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Employment and Earnings
January 1982

U.S. Department of Labor
Bureau of Labor Statistics

In this issue:
1981 annual averages

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Calendar of Features

In addition to the monthly data appearing regularly in *Employment and Earnings* special features appear in most of the issues as shown below:

Household data	
Annual averages	Jan.
Revised seasonally adjusted series	Jan., Feb.
Quarterly averages: Seasonally adjusted data, persons not in labor force, persons of Hispanic origin, Vietnam-era veterans and nonveterans, poverty-nonpoverty area data, family relationship data, weekly earnings data	Jan., Apr., July, Oct.
Establishment data	
National annual averages:	
Industry divisions (preliminary)	Jan.
Industry detail (final)	Mar.
Women employment detail (final)	Mar.
National data adjusted to new benchmarks	July[1]
Revised historical national data adjusted to new benchmarks	Supplement[2]
Revised seasonally adjusted series	July[3]
State and area annual averages	May
Area definitions	May
State and area unemployment data	
Annual averages	May[4]

[1] The issue that introduces new benchmark varies. The July 1981 issue introduced March 1980 benchmarks.
[2] Month of publication of annual supplement varies. The latest supplement was published in August 1981.
[3] Issue varies. Latest revised data introduced July 1981.
[4] These data first introduced in the May 1981 issue.

Employment and Earnings

Vol. 29 No. 1 January 1982

Editors: Gloria P. Green, Gloria P. Goings, Rosalie K. Epstein

Editors' Note

After release of final December 1981 data in the March 1982 issue of *Employment and Earnings*, BLS will discontinue computation and publication of the spendable earnings series published in table C-4, and the labor turnover data published in tables D-1 through D-3. State and area labor turnover data published in table D-4 will be discontinued after publication of November 1981 preliminary data in the February issue.

The spendable earnings series has become unrepresentative of the actual earnings situation of workers. An article by Paul O. Flaim in the January 1982 issue of the *Monthly Labor Review* entitled "The Spendable Earnings Series: Has it Outlived its Usefulness?" explains the problems with the series. The decision to discontinue this series is in accord with the recommendations of the National Commission on Employment and Unemployment Statistics and the response of the Secretary of Labor to those recommendations issued in October 1981. The Bureau will continue to publish the real earnings series on a monthly basis.

The labor turnover survey is being discontinued because of budget reductions.

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Employment and Unemployment Developments, December 1981

Unemployment rose sharply in December and employment continued to decline. The jobless rate increased from 8.4 percent in November to 8.9 percent in December; it had been 7.0 percent in July and 8.0 percent in October.

Total employment—as measured by the monthly survey of households—fell in December to 97.2 million. Since July, employment has declined by 1.8 million. Nonfarm payroll employment—as measured by the monthly survey of establishments—dropped by 295,000 in December, the third consecutive monthly decline.

Unemployment

The Nation's unemployment rate rose 0.5 percentage point in December to 8.9 percent; since July, the rate has increased by nearly 2 full percentage points. The number of unemployed persons was close to 9.5 million, up 460,000 from November and 2.0 million since July. (See table A-33.)

Most of the December rise in unemployment took place among adult men, whose jobless rate rose from 7.2 to 8.0 percent, a post-World War II record high. Both white and black men shared in the increase. The rate for all white workers moved up to 7.8 percent and that for black and other workers edged up to 16.1 percent. Jobless rates for adult women (7.5 percent) and teenagers (21.7 percent) were little changed over the month. (See tables A-33 and A-35.)

A large increase in joblessness took place among workers in durable goods manufacturing, whose unemployment rate jumped from 9.4 percent in November to 11.8 percent in December. Accordingly, the rate rose markedly for blue-collar workers, up more than a point to 12.9 percent. Full-time workers also experienced a large over-the-month increase in joblessness. (See table A-36.)

Persons who lost their jobs as a result of layoff or permanent separation accounted for all of the December increase in unemployment. There was little change in the number of unemployed persons who voluntarily left their last job or entered the labor force in search of work. As is typical during economic downturns, job losers have comprised most of the rise in unemployment since the beginning of the current slump this past summer. (See table A-39.)

Because of the large number of recent job losses, the over-the-month gain in unemployment took place among persons out of work for 3 months or less. Hence, the mean duration of unemployment declined by about half a week to 12.8 weeks in December, following a similar decline in November. (See table A-37.)

In addition to the sharp unemployment increase in December, the number of persons working part time for economic reasons rose 360,000 to a record 5.4 million. Most of this increase occurred among persons who usually work full time but experienced a curtailment in their workweek. (See table A-42.)

Total employment and the labor force

Total employment fell by 840,000 in December to 97.2 million, contributing heavily to a 1.8 million decline since July. White men, women, and teenagers all posted sizeable declines both over the month and since July, while employment of black workers was little changed over these periods. Adult men accounted for 55 percent of the decline over the 5-month period. The employment-population ratio dropped for the seventh month in a row to 57.3 percent in December; this was the lowest percentage in over 4 years. (See tables A-33 and A-35.)

The civilian labor force declined by 380,000 in December, as the large employment drop exceeded the rise in unemployment. White women and teenagers were the only groups with a labor force decline. Over the year, however, the labor force was up by 1.5 million, with white women accounting for three-fourths of the growth.

Discouraged workers

The number of discouraged workers rose by about 150,000 in the fourth quarter of 1981 to 1.2 million, the highest level recorded since the current series began in 1970. (Discouraged workers are persons who report that they want to work but are not looking for jobs because they believe they cannot find any.) Although most discouraged workers are women, men made up more than half of the over-the-quarter increase. More than 70

percent of the discouraged attributed their situation to job-market factors, while the remainder cited personal factors. (See table A-53.)

Industry payroll employment

The number of employees on nonagricultural payrolls fell by 295,000 to 91.2 million in December, the third consecutive month that the payroll job total has declined. December employment losses were widespread; as in both October and November, gains were registered in only one-third of the 172 industries in the BLS diffusion index of private nonfarm payroll employment. (See tables B-4 and B-7.)

Three-fourths of December's employment reduction occurred in manufacturing, with the bulk of the decline concentrated in durable goods. Transportation equipment, machinery, electrical equipment, primary metals, and fabricated metals posted sharp declines of roughly 30,000 each; since September, these five industries have posted declines totaling 440,000. There were smaller over-the-month decreases in all other durable goods industries except miscellaneous manufacturing. In the nondurable goods sector, an overall reduction of 50,000 jobs was dominated by cutbacks in apparel and rubber and plastics. Elsewhere in the goods-producing sector, construction employment, which has been trending downward since April, fell by 35,000. Mining employment was about unchanged in December; it had been growing since settlement of the coal miners' strike last spring.

In the service-producing sector, employment in retail trade dropped markedly for the second straight month, as pre-Christmas hiring was not as strong as is normally expected. The loss was partially offset by small job increases in services and government, the only two major industry divisions registering employment gains in December.

Hours of work

The average workweek of production or nonsupervisory workers on private nonagricultural payrolls was 34.9 hours in November, down 0.1 hour over the month. In manufacturing, the workweek dropped 0.2 hour to 39.1 hours, and factory overtime edged down 0.1 hour to 2.4 hours. (See table C-6.) Both the factory workweek and overtime have declined markedly since their 1981 peaks in May. Workweek reductions over this 7-month period were particularly sharp in the major metals and metal-using industries within durable goods, ranging from 1 to more than 2 hours.

Reflecting both the reduction in employment and the decreased workweek, the index of aggregate weekly hours of production or nonsupervisory workers on private nonfarm payrolls dropped by 0.9 percent in December to 106.9 (1977 = 100). The factory index was down by 2.0 percent over the month. Since July, the overall index has decreased 2.3 percent, a decline largely attributable to a 7.4-percent drop in the manufacturing index over the same period. (See table C-7.)

Hourly and weekly earnings

Average hourly earnings increased 0.1 percent over the month, while average weekly earnings declined 0.1 percent, seasonally adjusted. Before adjustment for seasonality, average hourly earnings edged down 1 cent in December to $7.45, 51 cents above the year-earlier level. Average weekly earnings, at $262.24, were up by $1.14 over the month and $15.18 over the year. (See tables C-1 and C-8.)

The Hourly Earnings Index

The Hourly Earnings Index (HEI) was 143.3 (1977 = 100) in December, seasonally adjusted, 0.1 percent higher than in November. For the 12 months ended in December, the increase (before seasonal adjustment) was 8.1 percent. The HEI excludes the effects of two types of changes unrelated to underlying wage rate movements—fluctuations in overtime in manufacturing and interindustry employment shifts. In dollars of constant purchasing power, the HEI decreased 0.9 percent during the 12-month period ended in November. (See table C-8.)

Revisions to Household Data Series

Effective with data for January 1982, population counts derived from the 1980 Decennial Census will be introduced into the estimation procedures used in the Current Population Survey. Data for 1981 will be revised based on the new census population estimates. Provisional adjustments in the major data series for 1980 back to 1970 will also be made and will be introduced with the release of January 1982 data. Reseasonal adjustment to take account of the experience through December 1981 will also take place effective with the release of labor force data for January 1982.

A-1. Employment status of the noninstitutional population 16 years and over, 1947 to date

(Numbers in thousands)

Year and month	Total noninstitutional population	Total labor force		Civilian labor force						Not in labor force
					Employed			Unemployed		
		Number	Percent of population	Total	Total	Agriculture	Nonagricultural industries	Number	Percent of labor force	
	Annual averages									
1947	103,418	60,941	58.9	59,350	57,038	7,890	49,148	2,311	3.9	42,477
1948	104,527	62,080	59.4	60,621	58,343	7,629	50,714	2,276	3.8	42,447
1949	105,611	62,903	59.6	61,286	57,651	7,658	49,993	3,637	5.9	42,708
1950	106,645	63,858	59.9	62,208	58,918	7,160	51,758	3,288	5.3	42,787
1951	107,721	65,117	60.4	62,017	59,961	6,726	53,235	2,055	3.3	42,604
1952	108,823	65,730	60.4	62,138	60,250	6,500	53,749	1,883	3.0	43,093
1953[1]	110,601	66,560	60.2	63,015	61,179	6,260	54,919	1,834	2.9	44,041
1954	111,671	66,993	60.0	63,643	60,109	6,205	53,904	3,532	5.5	44,678
1955	112,732	68,072	60.4	65,023	62,170	6,450	55,722	2,852	4.4	44,660
1956	113,811	69,409	61.0	66,552	63,799	6,283	57,514	2,750	4.1	44,402
1957	115,065	69,729	60.6	66,929	64,071	5,947	58,123	2,859	4.3	45,336
1958	116,363	70,275	60.4	67,639	63,036	5,586	57,450	4,602	6.8	46,088
1959	117,881	70,921	60.2	68,369	64,630	5,565	59,065	3,740	5.5	46,960
1960[2]	119,759	72,142	60.2	69,628	65,778	5,458	60,318	3,852	5.5	47,617
1961	121,343	73,031	60.2	70,459	65,746	5,200	60,546	4,714	6.7	48,312
1962	122,981	73,442	59.7	70,614	66,702	4,944	61,759	3,911	5.5	49,539
1963	125,154	74,571	59.6	71,833	67,762	4,687	63,076	4,070	5.7	50,583
1964	127,224	75,830	59.6	73,091	69,305	4,523	64,782	3,786	5.2	51,394
1965	129,236	77,178	59.7	74,455	71,088	4,361	66,726	3,366	4.5	52,058
1966	131,180	78,893	60.1	75,770	72,895	3,979	68,915	2,875	3.8	52,288
1967	133,319	80,793	60.6	77,347	74,372	3,844	70,527	2,975	3.8	52,527
1968	135,562	82,272	60.7	78,737	75,920	3,817	72,103	2,817	3.6	53,291
1969	137,841	84,240	61.1	80,734	77,902	3,606	74,296	2,832	3.5	53,602
1970	140,182	85,903	61.3	82,715	78,627	3,462	75,165	4,088	4.9	54,280
1971	142,596	86,929	61.0	84,113	79,120	3,387	75,732	4,993	5.9	55,666
1972[1]	145,775	88,991	61.0	86,542	81,702	3,472	78,230	4,840	5.6	56,785
1973[1]	148,263	91,040	61.4	88,714	84,409	3,452	80,957	4,304	4.9	57,222
1974	150,827	93,240	61.8	91,011	85,935	3,492	82,443	5,076	5.6	57,587
1975	153,449	94,793	61.8	92,613	84,783	3,380	81,403	7,830	8.5	58,655
1976	156,048	96,917	62.1	94,773	87,485	3,297	84,188	7,288	7.7	59,130
1977	158,559	99,534	62.8	97,401	90,546	3,244	87,302	6,855	7.0	59,025
1978[1]	161,058	102,537	63.7	100,420	94,373	3,362	91,031	6,047	6.0	58,521
1979	163,620	104,996	64.2	102,908	96,945	3,297	93,648	5,963	5.8	58,623
1980	166,246	106,821	64.3	104,719	97,270	3,310	93,960	7,448	7.1	59,425
1981	168,578	108,535	64.4	106,393	98,313	3,312	95,001	8,080	7.6	60,043
	Monthly data, seasonally adjusted[3]									
1980:										
December	167,396	107,191	64.0	105,067	97,282	3,394	93,888	7,785	7.4	60,205
1981:										
January	167,585	107,668	64.2	105,543	97,696	3,403	94,294	7,847	7.4	59,917
February	167,747	107,802	64.3	105,681	97,927	3,281	94,646	7,754	7.3	59,946
March	167,902	108,305	64.5	106,177	98,412	3,276	95,136	7,764	7.3	59,598
April	168,071	108,851	64.8	106,722	98,976	3,463	95,513	7,746	7.3	59,219
May	168,272	109,533	65.1	107,406	99,235	3,353	95,882	8,171	7.6	58,739
June	168,480	108,307	64.3	106,176	98,392	3,265	95,127	7,784	7.3	60,173
July	168,685	108,603	64.4	106,464	98,962	3,258	95,704	7,502	7.0	60,082
August	168,855	108,762	64.4	106,602	98,944	3,370	95,574	7,657	7.2	60,093
September	169,049	108,401	64.1	106,236	98,270	3,310	94,959	7,966	7.5	60,648
October	169,252	108,894	64.3	106,736	98,217	3,337	94,880	8,520	8.0	60,359
November	169,435	109,187	64.4	107,029	98,025	3,363	94,662	9,004	8.4	60,248
December	169,605	108,814	64.2	106,650	97,188	3,115	94,072	9,462	8.9	60,791

[1] Not strictly comparable with prior years. For an explanation, see "Historic Comparability" under Household Data section of Explanatory Notes.

[3] Because seasonality, by definition, does not exist in population figures, data for "total noninstitutional population" are not seasonally adjusted.

HOUSEHOLD DATA
HISTORICAL

A-2. Employment status of the noninstitutional population 16 years and over by sex, 1972 to date

(Numbers in thousands)

Sex, year, and month	Total noninstitutional population	Total labor force		Civilian labor force						Not in labor force
					Employed			Unemployed		
		Number	Percent of population	Total	Total	Agriculture	Nonagricultural industries	Number	Percent of labor force	
MALES				**Annual averages**						
1972[1]	69,864	55,671	79.7	53,265	50,630	2,839	47,791	2,635	4.9	14,193
1973[1]	71,020	56,479	79.5	54,203	51,963	2,833	49,130	2,240	4.1	14,541
1974	72,253	57,349	79.4	55,186	52,518	2,900	49,618	2,668	4.8	14,904
1975	73,494	57,706	78.5	55,615	51,230	2,801	48,429	4,385	7.9	15,788
1976	74,739	58,397	78.1	56,359	52,391	2,716	49,675	3,968	7.0	16,341
1977	75,981	59,467	78.3	57,449	53,861	2,639	51,222	3,588	6.2	16,514
1978[1]	77,169	60,535	78.4	58,542	55,491	2,681	52,810	3,051	5.2	16,634
1979	78,397	61,466	78.4	59,517	56,499	2,645	53,854	3,018	5.1	16,931
1980	79,642	62,088	78.0	60,145	55,988	2,664	53,324	4,157	6.9	17,554
1981	80,734	62,597	77.5	60,633	56,168	2,654	53,514	4,465	7.4	18,136
				Monthly data, seasonally adjusted[2]						
1980:										
December	80,183	62,213	77.6	60,254	55,920	2,651	53,269	4,334	7.2	17,970
1981:										
January	80,272	62,320	77.6	60,366	56,012	2,712	53,300	4,353	7.2	17,952
February	80,346	62,288	77.5	60,338	56,045	2,586	53,459	4,293	7.1	18,058
March	80,415	62,582	77.8	60,628	56,383	2,599	53,784	4,245	7.0	17,833
April	80,492	62,848	78.1	60,893	56,688	2,785	53,903	4,205	6.9	17,644
May	80,588	63,198	78.4	61,245	56,718	2,692	54,026	4,527	7.4	17,390
June	80,687	62,288	77.2	60,335	56,026	2,646	53,380	4,309	7.1	18,399
July	80,783	62,433	77.3	60,473	56,494	2,631	53,864	3,979	6.6	18,350
August	80,863	62,564	77.4	60,584	56,368	2,716	53,652	4,216	7.0	18,300
September	80,955	62,682	77.4	60,699	56,349	2,644	53,705	4,349	7.2	18,273
October	81,051	62,710	77.4	60,734	56,046	2,684	53,362	4,688	7.7	18,341
November	81,136	62,825	77.4	60,851	55,783	2,632	53,152	5,068	8.3	18,311
December	81,216	62,839	77.4	60,859	55,341	2,521	52,820	5,518	9.1	18,377
FEMALES				**Annual averages**						
1972[1]	75,911	33,320	43.9	33,277	31,072	633	30,439	2,205	6.6	42,591
1973[1]	77,242	34,561	44.7	34,510	32,446	619	31,827	2,064	6.0	42,681
1974	78,575	35,892	45.7	35,825	33,417	592	32,825	2,408	6.7	42,683
1975	79,954	37,087	46.4	36,998	33,553	579	32,973	3,445	9.3	42,868
1976	81,309	38,520	47.4	38,414	35,095	582	34,513	3,320	8.6	42,789
1977	82,577	40,067	48.5	39,952	36,685	605	36,080	3,267	8.2	42,510
1978[1]	83,890	42,002	50.1	41,878	38,882	661	38,221	2,996	7.2	41,887
1979	85,223	43,531	51.1	43,391	40,446	652	39,794	2,945	6.8	41,692
1980	86,604	44,733	51.7	44,574	41,283	646	40,637	3,291	7.4	41,871
1981	87,944	45,937	52.3	45,760	42,145	657	41,487	3,615	7.9	41,907
				Monthly data, seasonally adjusted[2]						
1980:										
December	87,213	44,978	51.6	44,813	41,362	743	40,619	3,451	7.7	42,235
1981:										
January	87,313	45,349	51.9	45,178	41,684	691	40,993	3,493	7.7	41,964
February	87,402	45,513	52.1	45,343	41,882	695	41,187	3,461	7.6	41,888
March	87,487	45,723	52.3	45,549	42,029	677	41,352	3,519	7.7	41,764
April	87,578	46,003	52.5	45,829	42,288	678	41,610	3,541	7.7	41,575
May	87,684	46,335	52.8	46,161	42,517	661	41,856	3,644	7.9	41,349
June	87,793	46,020	52.4	45,842	42,366	619	41,747	3,475	7.6	41,774
July	87,901	46,170	52.5	45,991	42,467	627	41,840	3,524	7.7	41,732
August	87,991	46,198	52.5	46,018	42,577	656	41,922	3,441	7.5	41,793
September	88,094	45,719	51.9	45,537	41,920	666	41,254	3,617	7.9	42,375
October	88,201	46,183	52.4	46,002	42,171	653	41,518	3,831	8.3	42,018
November	88,299	46,362	52.5	46,178	42,241	731	41,510	3,936	8.5	41,937
December	88,389	45,976	52.0	45,791	41,847	595	41,252	3,944	8.6	42,413

[1] Not strictly comparable with prior years. For an explanation, see "Historic Comparability" under Household Data section of Explanatory Notes.

[2] Because seasonality, by definition, does not exist in population figures, data for "total noninstitutional population" are not seasonally adjusted.

A-3. Employment status of the noninstitutional population by sex, age, and race

[Numbers in thousands]

Sex, age, and race	December 1981										
	Total labor force		Civilian labor force				Not in labor force				
					Unemployed						
	Number	Percent of population	Total	Employed	Number	Percent of labor force	Total	Keeping house	Going to school	Unable to work	Other reasons
MALES											
16 years and over	62,223	76.6	60,243	55,027	5,216	8.7	18,993	393	4,819	1,535	12,246
16 to 21 years	7,944	64.0	7,289	5,787	1,502	20.6	4,468	24	3,943	27	475
16 to 19 years	4,513	55.7	4,227	3,240	987	23.4	3,582	20	3,248	8	306
16 to 17 years	1,658	42.3	1,638	1,247	391	23.9	2,262	13	2,147	3	98
18 to 19 years	2,854	68.4	2,589	1,993	596	23.0	1,321	7	1,101	4	209
20 to 64 years	55,864	88.7	54,170	50,013	4,157	7.7	7,134	155	1,571	1,070	4,338
20 to 24 years	8,904	85.0	8,158	6,969	1,188	14.6	1,574	9	1,164	43	358
25 to 54 years	39,941	94.1	38,994	36,321	2,672	6.9	2,518	90	402	576	1,450
25 to 29 years	9,001	93.8	8,626	7,782	844	9.8	596	9	244	55	287
30 to 34 years	8,521	95.6	8,256	7,659	597	7.2	388	23	94	70	201
35 to 39 years	6,921	96.1	6,737	6,332	405	6.0	279	13	25	75	167
40 to 44 years	5,591	95.0	5,504	5,166	338	6.1	297	10	16	94	177
45 to 49 years	4,976	93.3	4,947	4,678	268	5.4	357	15	20	103	218
50 to 54 years	4,931	89.1	4,924	4,703	220	4.5	601	20	3	179	399
55 to 64 years	7,020	69.8	7,018	6,722	296	4.2	3,042	56	6	451	2,530
55 to 59 years	4,326	80.8	4,325	4,137	189	4.4	1,031	31	2	233	765
60 to 64 years	2,693	57.2	2,693	2,586	108	4.0	2,012	25	4	218	1,765
65 years and over	1,846	18.2	1,846	1,774	72	3.9	8,277	218	--	457	7,602
65 to 69 years	1,054	27.2	1,054	1,004	51	4.8	2,815	51	--	132	2,632
70 years and over	792	12.7	792	770	22	2.7	5,462	168	--	325	4,970
White											
16 years and over	55,144	77.5	53,622	49,480	4,142	7.7	16,044	319	3,844	1,228	10,652
16 to 21 years	6,916	66.1	6,417	5,232	1,185	18.5	3,542	13	3,157	23	388
16 to 19 years	3,994	58.8	3,770	2,960	809	21.5	2,796	9	2,559	9	220
16 to 17 years	1,517	46.4	1,500	1,176	324	21.6	1,749	5	1,675	3	66
18 to 19 years	2,477	70.3	2,270	1,785	485	21.4	1,047	4	884	5	154
20 to 64 years	49,467	89.5	48,169	44,892	3,277	6.8	5,830	132	1,285	857	3,555
20 to 24 years	7,686	85.9	7,136	6,263	873	12.2	1,267	9	974	31	253
25 to 54 years	35,387	94.9	34,640	32,493	2,148	6.2	1,900	74	308	444	1,074
25 to 34 years	15,404	95.6	14,915	13,774	1,141	7.6	716	25	262	88	341
35 to 44 years	11,138	96.2	10,913	10,303	610	5.6	437	19	27	132	259
45 to 54 years	8,845	92.2	8,813	8,416	397	4.5	747	28	20	224	474
55 to 64 years	6,394	70.6	6,392	6,136	256	4.0	2,664	50	2	383	2,229
55 to 59 years	3,928	81.6	3,927	3,763	163	4.2	884	27	2	206	649
60 to 64 years	2,466	58.1	2,466	2,373	93	3.8	1,780	23	1	176	1,580
65 years and over	1,683	18.5	1,683	1,628	55	3.2	7,417	178	--	362	6,877
Black and other											
16 years and over	7,079	70.6	6,621	5,547	1,075	16.2	2,950	74	975	307	1,594
16 to 21 years	1,028	52.6	873	556	317	36.3	926	11	786	3	127
16 to 19 years	519	39.8	457	279	178	38.9	786	11	689	--	87
16 to 17 years	142	21.7	138	71	67	48.5	513	8	473	--	32
18 to 19 years	377	58.0	319	208	111	34.7	273	3	216	--	55
20 to 64 years	6,397	83.1	6,001	5,121	879	14.6	1,304	23	286	213	782
20 to 24 years	1,218	79.9	1,022	707	315	30.8	307	1	189	12	105
25 to 54 years	4,552	88.0	4,353	3,829	525	12.1	619	16	94	133	376
25 to 34 years	2,117	88.8	1,967	1,667	300	15.3	268	6	76	37	148
35 to 44 years	1,374	90.8	1,328	1,195	133	10.0	140	3	14	37	85
45 to 54 years	1,062	83.4	1,057	966	91	8.6	211	7	3	58	143
55 to 64 years	626	62.3	626	586	40	6.4	378	5	3	68	302
55 to 59 years	399	73.2	399	373	25	6.4	146	4	--	26	116
60 to 64 years	227	49.5	227	213	14	6.3	232	2	3	42	186
65 years and over	163	16.0	163	146	18	10.7	860	40	--	95	725

A-3. Employment status of the noninstitutional population by sex, age, and race—Continued

[Numbers in thousands]

Sex, age, and race	December 1981										
	Total labor force		Civilian labor force				Not in labor force				
	Number	Percent of population	Total	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
					Number	Percent of labor force					
FEMALES											
16 years and over	46,192	52.3	46,007	42,416	3,591	7.8	42,198	31,513	4,735	949	5,001
16 to 21 years	6,627	54.6	6,557	5,570	987	15.1	5,517	1,221	3,922	7	367
16 to 19 years	3,858	48.8	3,828	3,160	669	17.5	4,055	583	3,236	1	235
16 to 17 years	1,493	39.3	1,491	1,230	262	17.5	2,305	127	2,092	--	87
18 to 19 years	2,365	57.5	2,337	1,930	407	17.4	1,750	455	1,143	2	149
20 to 64 years	41,197	62.4	41,041	38,142	2,899	7.1	24,780	20,889	1,493	418	1,980
20 to 24 years	7,246	69.3	7,158	6,357	801	11.2	3,217	1,930	983	19	284
25 to 54 years	29,298	66.2	29,231	27,337	1,894	6.5	14,976	13,313	490	216	956
25 to 29 years	6,732	68.8	6,687	6,153	534	8.0	3,055	2,624	202	24	204
30 to 34 years	6,093	66.6	6,078	5,642	436	7.2	3,061	2,738	122	37	163
35 to 39 years	5,065	67.1	5,061	4,749	312	6.2	2,481	2,196	91	23	172
40 to 44 years	4,323	69.2	4,322	4,063	258	6.0	1,922	1,741	31	27	123
45 to 49 years	3,657	64.8	3,656	3,460	196	5.4	1,990	1,793	26	46	124
50 to 54 years	3,428	58.2	3,427	3,270	158	4.6	2,467	2,221	17	59	169
55 to 64 years	4,653	41.4	4,653	4,449	204	4.4	6,588	5,646	19	183	740
55 to 59 years	2,881	48.8	2,881	2,748	133	4.6	3,018	2,628	15	91	284
60 to 64 years	1,771	33.2	1,771	1,700	71	4.0	3,570	3,017	5	92	455
65 years and over	1,137	7.8	1,137	1,114	23	2.1	13,363	10,041	6	530	2,786
65 to 69 years	697	14.5	697	677	20	2.9	4,116	3,239	1	122	755
70 years and over	440	4.5	440	437	3	.8	9,247	6,802	5	408	2,031
White											
16 years and over	39,870	52.1	39,738	37,035	2,704	6.8	36,725	28,013	3,688	769	4,255
16 to 21 years	5,876	57.9	5,827	5,090	737	12.6	4,275	950	3,059	4	262
16 to 19 years	3,441	52.2	3,420	2,906	514	15.0	3,153	472	2,504	--	178
16 to 17 years	1,350	42.9	1,348	1,140	209	15.5	1,798	118	1,610	--	72
18 to 19 years	2,091	60.7	2,072	1,766	305	14.7	1,355	354	894	2	106
20 to 64 years	35,411	62.2	35,299	33,128	2,171	6.2	21,480	18,374	1,177	334	1,594
20 to 24 years	6,257	71.1	6,195	5,645	550	8.9	2,544	1,561	778	18	187
25 to 54 years	25,042	65.8	24,992	23,550	1,442	5.8	13,005	11,692	382	168	762
25 to 34 years	10,867	67.5	10,824	10,119	705	6.5	5,234	4,670	237	51	276
35 to 44 years	8,029	67.5	8,025	7,571	453	5.6	3,875	3,488	106	40	240
45 to 54 years	6,145	61.2	6,144	5,860	284	4.6	3,896	3,534	38	78	246
55 to 64 years	4,112	40.9	4,112	3,933	179	4.3	5,931	5,120	18	148	645
55 to 59 years	2,533	48.2	2,533	2,416	117	4.6	2,721	2,389	14	75	244
60 to 64 years	1,579	33.0	1,579	1,517	62	3.9	3,210	2,732	4	73	401
65 years and over	1,019	7.8	1,019	1,000	19	1.9	12,092	9,167	7	435	2,483
Black and other											
16 years and over	6,321	53.6	6,268	5,381	887	14.2	5,473	3,500	1,047	180	746
16 to 21 years	751	37.7	730	480	250	34.3	1,242	270	864	3	105
16 to 19 years	417	31.6	408	253	155	37.9	902	111	732	1	58
16 to 17 years	144	22.1	143	90	53	37.2	507	9	482	--	15
18 to 19 years	273	40.9	265	164	102	38.4	395	102	250	1	43
20 to 64 years	5,786	63.7	5,742	5,014	728	12.7	3,300	2,514	315	83	387
20 to 24 years	989	59.5	963	713	251	26.0	673	369	206	1	97
25 to 54 years	4,257	68.4	4,239	3,786	452	10.7	1,971	1,620	108	48	194
25 to 34 years	1,958	68.9	1,941	1,676	265	13.7	882	692	87	11	92
35 to 44 years	1,359	72.0	1,358	1,241	117	8.6	529	448	16	10	55
45 to 54 years	939	62.7	939	870	70	7.4	560	480	5	27	47
55 to 64 years	541	45.2	541	515	25	4.7	656	525	1	35	95
55 to 59 years	348	54.0	348	333	16	4.5	296	240	1	16	40
60 to 64 years	193	34.9	193	183	10	5.0	360	286	--	19	55
65 years and over	118	8.5	118	114	4	3.4	1,271	874	--	96	302

A-4. Labor force by sex, age, and race

Sex, age, and race	Total labor force				Civilian labor force			
	Thousands of persons		Participation rates		Thousands of persons		Participation rates	
	Dec. 1980	Dec. 1981	Dec. 1980	Dec. 1981	Dec. 1980	Dec. 1981	Dec. 1980	Dec. 1981
MALES								
16 years and over	61,704	62,223	77.0	76.6	59,745	60,243	76.4	76.0
16 to 19 years	4,742	4,513	57.1	55.7	4,460	4,227	55.6	54.1
16 to 17 years	1,804	1,658	44.3	42.3	1,781	1,638	44.0	42.0
18 to 19 years	2,939	2,854	69.3	68.4	2,679	2,589	67.3	66.2
20 to 24 years	8,856	8,904	85.0	85.0	8,114	8,158	83.8	83.8
25 to 54 years	39,145	39,941	94.2	94.1	38,212	38,994	94.1	93.9
25 to 34 years	17,148	17,521	95.0	94.7	16,527	16,882	94.8	94.5
35 to 44 years	12,047	12,512	95.7	95.6	11,773	12,241	95.6	95.5
45 to 54 years	9,949	9,907	91.1	91.2	9,912	9,870	91.1	91.2
55 to 64 years	7,123	7,020	71.5	69.8	7,121	7,018	71.5	69.8
55 to 59 years	4,382	4,326	81.5	80.8	4,381	4,325	81.5	80.8
60 to 64 years	2,740	2,693	59.7	57.2	2,740	2,693	59.7	57.2
65 years and over	1,838	1,846	18.5	18.2	1,838	1,846	18.5	18.2
White								
16 years and over	54,752	55,144	77.8	77.5	53,234	53,622	77.3	77.0
16 to 19 years	4,182	3,994	59.8	58.8	3,966	3,778	58.5	57.4
16 to 17 years	1,626	1,517	47.7	46.4	1,608	1,500	47.5	46.2
18 to 19 years	2,556	2,477	71.2	70.3	2,358	2,270	69.5	68.4
20 to 24 years	7,700	7,686	86.3	85.9	7,148	7,136	85.4	84.9
25 to 54 years	34,715	35,387	94.9	94.9	33,967	34,640	94.8	94.8
25 to 34 years	15,095	15,404	95.7	95.6	14,608	14,915	95.5	95.4
35 to 44 years	10,725	11,138	96.3	96.2	10,495	10,913	96.3	96.2
45 to 54 years	8,896	8,845	92.1	92.2	8,864	8,813	92.1	92.2
55 to 64 years	6,479	6,394	72.1	70.6	6,478	6,392	72.1	70.6
55 to 59 years	3,984	3,928	82.3	81.6	3,983	3,927	82.3	81.6
60 to 64 years	2,495	2,466	60.2	58.1	2,495	2,466	60.2	58.1
65 years and over	1,675	1,683	18.8	18.5	1,675	1,683	18.8	18.5
Black and other								
16 years and over	6,951	7,079	71.1	70.6	6,511	6,621	69.8	69.2
16 to 19 years	560	519	42.8	39.8	495	457	39.8	36.8
16 to 17 years	177	142	26.8	21.7	174	138	26.4	21.3
18 to 19 years	382	377	59.0	58.0	321	319	54.7	53.8
20 to 24 years	1,156	1,218	77.3	79.9	965	1,022	73.9	76.9
25 to 54 years	4,428	4,552	88.7	88.0	4,245	4,353	88.3	87.6
25 to 34 years	2,053	2,117	90.4	88.8	1,919	1,967	89.8	88.0
35 to 44 years	1,323	1,374	90.7	90.8	1,277	1,328	90.4	90.5
45 to 54 years	1,053	1,062	83.6	83.4	1,048	1,057	83.5	83.4
55 to 64 years	644	626	65.9	62.3	644	626	65.9	62.3
55 to 59 years	399	399	74.3	73.2	398	399	74.3	73.2
60 to 64 years	245	227	55.7	49.5	245	227	55.7	49.5
65 years and over	162	163	16.2	16.0	162	163	16.2	16.0

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A-4. Labor force by sex, age, and race—Continued

Sex, age, and race	Total labor force				Civilian labor force			
	Thousands of persons		Participation rates		Thousands of persons		Participation rates	
	Dec. 1980	Dec. 1981	Dec. 1980	Dec. 1981	Dec. 1980	Dec. 1981	Dec. 1980	Dec. 1981
FEMALES								
16 years and over	45,198	46,192	51.8	52.3	45,033	46,007	51.7	52.2
16 to 19 years	4,184	3,858	51.5	48.8	4,156	3,828	51.4	48.6
16 to 17 years	1,645	1,493	41.8	39.3	1,643	1,491	41.8	39.3
18 to 19 years	2,539	2,365	60.7	57.5	2,513	2,337	60.5	57.2
20 to 24 years	7,207	7,246	69.2	69.3	7,126	7,158	69.0	69.0
25 to 54 years	28,121	29,298	64.9	66.2	28,064	29,231	64.8	66.1
25 to 34 years	12,221	12,825	66.2	67.7	12,170	12,764	66.1	67.6
35 to 44 years	8,832	9,388	66.5	68.1	8,827	9,383	66.4	68.1
45 to 54 years	7,068	7,084	60.9	61.4	7,067	7,084	60.9	61.4
55 to 64 years	4,577	4,653	41.1	41.4	4,577	4,653	41.1	41.4
55 to 59 years	2,865	2,881	48.4	48.8	2,865	2,881	48.4	48.8
60 to 64 years	1,712	1,771	32.8	33.2	1,712	1,771	32.8	33.2
65 years and over	1,109	1,137	7.8	7.8	1,109	1,137	7.8	7.8
White								
16 years and over	39,066	39,870	51.6	52.1	38,944	39,738	51.5	52.0
16 to 19 years	3,751	3,441	55.2	52.2	3,731	3,420	55.1	52.0
16 to 17 years	1,501	1,350	45.8	42.9	1,500	1,348	45.8	42.9
18 to 19 years	2,250	2,091	64.0	60.7	2,231	2,072	63.8	60.5
20 to 24 years	6,260	6,257	71.4	71.1	6,201	6,195	71.2	70.9
25 to 54 years	24,028	25,042	64.3	65.8	23,985	24,992	64.3	65.8
25 to 34 years	10,313	10,867	65.5	67.5	10,275	10,824	65.4	67.4
35 to 44 years	7,579	8,029	66.1	67.5	7,575	8,025	66.1	67.4
45 to 54 years	6,136	6,145	60.6	61.2	6,135	6,144	60.6	61.2
55 to 64 years	4,039	4,112	40.5	40.9	4,038	4,112	40.5	40.9
55 to 59 years	2,534	2,533	48.0	48.2	2,534	2,533	48.0	48.2
60 to 64 years	1,505	1,579	32.1	33.0	1,505	1,579	32.1	33.0
65 years and over	989	1,019	7.7	7.8	989	1,019	7.7	7.8
Black and other								
16 years and over	6,132	6,321	53.4	53.6	6,088	6,268	53.2	53.4
16 to 19 years	433	417	32.7	31.6	425	408	32.3	31.2
16 to 17 years	144	144	21.9	22.1	143	143	21.8	22.0
18 to 19 years	289	273	43.3	40.9	282	265	42.7	40.2
20 to 24 years	947	989	57.9	59.5	926	963	57.3	58.9
25 to 54 years	4,093	4,257	68.1	68.4	4,079	4,239	68.0	68.3
25 to 34 years	1,909	1,958	70.4	68.9	1,896	1,941	70.2	68.8
35 to 44 years	1,253	1,359	68.9	72.0	1,252	1,358	68.9	72.0
45 to 54 years	932	939	62.9	62.7	932	939	62.9	62.7
55 to 64 years	538	541	46.3	45.2	538	541	46.3	45.2
55 to 59 years	331	348	52.4	54.0	331	348	52.4	54.0
60 to 64 years	208	193	39.2	34.9	208	193	39.2	34.9
65 years and over	120	118	8.9	8.5	120	118	8.9	8.5

A-5. Employment status of black workers by sex and age

[Numbers in thousands]

Sex and age	December 1981						
	Civilian labor force						Not in labor force
	Total	Employed			Unemployed		
		Total	Agriculture	Nonagricultural industries	Number	Percent of labor force	
TOTAL							
16 years and over	10,862	9,078	153	8,925	1,784	16.4	7,120
16 to 19 years	745	436	3	433	309	41.5	1,465
16 to 17 years	235	126	--	128	108	46.2	898
18 to 19 years	511	309	5	305	201	39.4	567
20 to 24 years	1,711	1,187	10	1,177	524	30.6	808
25 to 54 years	7,153	6,281	100	6,181	872	12.2	2,114
25 to 34 years	3,245	2,734	27	2,707	511	15.7	902
35 to 44 years	2,241	2,021	48	1,973	221	9.8	562
45 to 54 years	1,667	1,526	25	1,501	141	8.5	649
55 to 64 years	1,008	949	22	927	59	5.9	899
55 to 59 years	645	606	17	589	39	6.0	373
60 to 64 years	363	343	5	338	20	5.6	526
65 years and over	245	225	18	207	19	7.9	1,834
Males							
16 years and over	5,565	4,583	143	4,440	981	17.6	2,491
16 to 19 years	395	231	3	227	164	41.5	677
16 to 17 years	116	55	--	57	59	50.9	449
18 to 19 years	281	175	5	170	105	37.4	228
20 to 24 years	883	591	9	583	292	33.1	238
25 to 54 years	3,616	3,143	92	3,051	474	13.1	523
25 to 34 years	1,621	1,344	25	1,318	277	17.1	212
35 to 44 years	1,115	1,001	45	957	115	10.3	120
45 to 54 years	881	798	22	776	83	9.4	190
55 to 64 years	535	498	22	477	36	6.7	334
55 to 59 years	342	317	17	300	25	7.3	127
60 to 64 years	193	182	5	177	12	6.2	207
65 years and over	135	119	17	103	14	10.4	723
Females							
16 years and over	5,297	4,495	10	4,485	803	15.2	4,629
16 to 19 years	350	205	--	206	145	41.5	788
16 to 17 years	119	71	--	71	49	40.7	449
18 to 19 years	230	134	--	135	96	41.9	339
20 to 24 years	828	596	1	594	232	28.1	574
25 to 54 years	3,537	3,138	8	3,130	398	11.3	1,591
25 to 34 years	1,624	1,390	2	1,389	234	14.4	690
35 to 44 years	1,126	1,020	3	1,016	106	9.4	442
45 to 54 years	786	728	3	725	58	7.4	459
55 to 64 years	473	451	--	450	23	4.8	565
55 to 59 years	303	289	--	289	14	4.7	246
60 to 64 years	170	161	--	161	8	4.9	319
65 years and over	110	106	1	104	5	4.1	1,111

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A-6. Employment status of the noninstitutional population by race, sex, and age

(Numbers in thousands)

Employment status and race	Total		Males, 20 years and over		Females, 20 years and over		Both sexes, 16-19 years	
	Dec. 1980	Dec. 1981	Dec. 1980	Dec. 1981	Dec. 1980	Dec. 1981	Dec. 1980	Dec. 1981
TOTAL								
Total noninstitutional population	167,396	169,605	71,875	73,121	79,097	80,477	16,424	16,006
Total labor force	106,902	108,414	56,961	57,710	41,015	42,334	8,926	8,370
Percent of population	63.9	63.9	79.3	78.9	51.9	52.6	54.3	52.3
Civilian labor force	104,778	106,250	55,284	56,016	40,877	42,178	8,616	8,055
Employed	97,585	97,442	52,061	51,787	38,334	39,256	7,170	6,399
Agriculture	3,044	2,819	2,226	2,152	545	455	270	212
Nonagricultural industries	94,501	94,624	49,812	49,635	37,788	38,801	6,901	6,188
Unemployed	7,233	8,807	3,244	4,229	2,544	2,922	1,445	1,656
Percent of labor force	6.9	8.3	5.9	7.5	6.2	6.9	16.8	20.5
Not in labor force	60,494	61,191	14,914	15,411	38,082	38,143	7,498	7,637
White								
Total noninstitutional population	146,140	147,782	63,412	64,397	68,938	70,001	13,790	13,384
Total labor force	93,819	95,014	50,570	51,150	35,316	36,430	7,933	7,433
Percent of population	64.2	64.3	79.7	79.4	51.2	52.0	57.5	55.5
Civilian labor force	92,179	93,360	49,268	49,852	35,214	36,319	7,696	7,191
Employed	86,590	86,515	46,691	46,520	33,317	34,128	6,581	5,866
Agriculture	2,798	2,610	2,036	1,967	513	435	249	208
Nonagricultural industries	83,792	83,905	44,655	44,552	32,804	33,694	6,333	5,658
Unemployed	5,589	6,846	2,577	3,332	1,897	2,190	1,115	1,325
Percent of labor force	6.1	7.3	5.2	6.7	5.4	6.0	14.5	18.5
Not in labor force	52,322	52,769	12,842	13,247	33,622	33,572	5,857	5,944
Black and other								
Total noninstitutional population	21,255	21,823	8,463	8,724	10,159	10,475	2,634	2,622
Total labor force	13,083	13,400	6,391	6,560	5,699	5,904	993	937
Percent of population	61.6	61.4	75.5	75.2	56.1	56.4	37.7	35.7
Civilian labor force	12,599	12,890	6,016	6,164	5,663	5,860	920	864
Employed	10,955	10,928	5,349	5,267	5,016	5,128	589	534
Agriculture	246	209	192	185	32	20	21	19
Nonagricultural industries	10,709	10,719	5,157	5,082	4,984	5,108	568	515
Unemployed	1,644	1,962	667	897	647	732	330	330
Percent of labor force	13.0	15.2	11.1	14.5	11.4	12.5	35.9	38.2
Not in labor force	8,172	8,423	2,072	2,164	4,460	4,571	1,641	1,685

A-7. Employment status of the noninstitutional population 16 to 21 years of age by major activity, sex, and race

(Numbers in thousands)

Employment status and major activity	December 1981								
	Total			White			Black and other		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
TOTAL									
Total noninstitutional population	24,556	12,412	12,144	20,609	10,458	10,151	3,947	1,954	1,993
Total labor force	14,571	7,944	6,627	12,792	6,916	5,876	1,779	1,028	751
Percent of population	59.3	64.0	54.6	62.1	66.1	57.9	45.1	52.6	37.7
Civilian labor force	13,847	7,289	6,557	12,244	6,417	5,827	1,603	873	730
Employed	11,358	5,787	5,570	10,322	5,232	5,090	1,035	556	480
Agriculture	348	301	48	340	290	50	8	10	--
Nonagricultural industries	11,009	5,487	5,523	9,982	4,941	5,041	1,027	545	482
Unemployed	2,489	1,502	987	1,922	1,185	737	567	317	250
Looking for full-time work	1,643	1,006	637	1,239	780	459	403	226	178
Looking for part-time work	846	496	350	682	405	278	164	91	73
Percent of labor force	18.0	20.6	15.1	15.7	18.5	12.6	35.4	36.3	34.3
Not in labor force	9,986	4,468	5,517	7,817	3,542	4,275	2,169	926	1,242
Major activity: going to school									
Civilian labor force	4,368	2,176	2,193	3,952	1,972	1,980	417	204	213
Employed	3,510	1,672	1,838	3,277	1,566	1,711	233	106	127
Agriculture	97	88	9	97	88	9	--	--	--
Nonagricultural industries	3,412	1,584	1,828	3,179	1,478	1,701	233	106	127
Unemployed	859	504	355	675	406	269	184	98	86
Looking for full-time work	94	46	48	63	34	29	31	12	20
Looking for part-time work	765	458	307	612	372	241	153	86	66
Percent of labor force	19.7	23.1	16.2	17.1	20.6	13.6	44.1	48.0	40.4
Not in labor force	7,865	3,943	3,922	6,216	3,157	3,059	1,649	786	864
Major activity: other									
Civilian labor force	9,478	5,114	4,364	8,292	4,445	3,847	1,186	669	517
Employed	7,848	4,115	3,733	7,045	3,666	3,380	803	450	353
Agriculture	251	213	38	243	202	40	8	10	--
Nonagricultural industries	7,597	3,903	3,694	6,803	3,463	3,339	794	439	355
Unemployed	1,630	999	632	1,247	779	467	384	219	164
Looking for full-time work	1,549	960	588	1,177	746	430	372	214	158
Looking for part-time work	81	38	43	70	33	37	11	5	6
Percent of labor force	17.2	19.5	14.5	15.0	17.5	12.1	32.3	32.8	31.8
Not in labor force	2,120	525	1,595	1,601	384	1,216	519	141	378

A-8. Full- and part-time status of the civilian labor force by sex, age, and race

(Numbers in thousands)

Sex, age, and race	December 1981								
	Full-time labor force					Part-time labor force			
	Total	Employed		Unemployed (looking for full-time work)		Total	Employed on voluntary part time[1]	Unemployed (looking for part-time work)	
		Full-time schedules[1]	Part time for economic reasons	Number	Percent of full-time labor force			Number	Percent of part-time labor force
TOTAL									
Both sexes, 16 years and over	90,465	77,808	5,227	7,430	8.2	15,784	14,408	1,377	8.7
16 to 21 years	8,170	5,534	992	1,643	20.1	5,677	4,831	846	14.9
16 to 19 years	3,643	2,169	566	908	24.9	4,413	3,664	748	17.0
16 to 17 years	511	255	92	164	32.0	2,618	2,129	489	18.7
18 to 19 years	3,131	1,914	473	744	23.8	1,794	1,535	259	14.4
20 years and over	86,823	75,639	4,661	6,523	7.5	11,372	10,743	629	5.5
20 to 24 years	12,924	10,110	1,020	1,795	13.9	2,391	2,197	194	8.1
25 years and over	73,899	65,529	3,641	4,728	6.4	8,981	8,546	434	4.8
25 to 54 years	62,032	54,805	2,989	4,237	6.8	6,193	5,864	329	5.3
55 years and over	11,867	10,724	652	490	4.1	2,788	2,682	105	3.8
Males, 16 years and over	55,196	48,136	2,522	4,539	8.2	5,047	4,369	678	13.4
16 to 21 years	4,591	3,081	504	1,006	21.9	2,698	2,202	496	18.4
16 to 19 years	2,043	1,217	278	548	26.8	2,184	1,745	439	20.1
20 years and over	53,153	46,919	2,244	3,991	7.5	2,863	2,624	239	8.3
20 to 24 years	7,216	5,623	505	1,088	15.1	942	842	100	10.6
25 years and over	45,937	41,295	1,740	2,902	6.3	1,921	1,783	138	7.2
25 to 54 years	38,221	34,223	1,393	2,605	6.8	773	705	67	8.7
55 years and over	7,716	7,072	347	297	3.8	1,148	1,077	71	6.2
Females, 16 years and over	35,269	29,673	2,705	2,892	8.2	10,738	10,039	699	6.5
16 to 21 years	3,578	2,454	488	637	17.8	2,979	2,628	350	11.8
16 to 19 years	1,600	952	288	360	22.5	2,229	1,920	309	13.9
20 years and over	33,669	28,720	2,417	2,532	7.5	8,509	8,119	390	4.6
20 to 24 years	5,708	4,487	515	706	12.4	1,450	1,355	94	6.5
25 years and over	27,961	24,233	1,902	1,825	6.5	7,059	6,763	296	4.2
25 to 54 years	23,810	20,581	1,596	1,632	6.9	5,420	5,159	262	4.8
55 years and over	4,151	3,652	306	193	4.6	1,639	1,605	34	2.1
White									
	69,078	63,354	2,132	3,593	7.3	6,543	3,994	549	12.1
Males, 16 years and over	3,983	2,775	428	780	19.6	2,434	2,029	405	16.6
16 to 21 years	1,787	1,115	227	445	24.9	1,983	1,618	365	18.4
16 to 19 years	47,292	42,239	1,905	3,148	6.7	2,560	2,376	184	7.2
20 years and over	6,297	5,063	435	800	12.7	839	765	73	8.8
20 to 24 years	40,994	37,176	1,470	2,348	5.7	1,721	1,611	110	6.4
25 years and over	33,966	30,705	1,170	2,091	6.2	675	618	57	8.4
25 to 54 years	7,029	6,471	300	257	3.7	1,047	993	53	5.1
55 years and over									
Females, 16 years and over	29,882	25,545	2,221	2,116	7.1	9,856	9,268	588	6.0
16 to 21 years	3,112	2,240	413	459	14.7	2,715	2,437	278	10.2
16 to 19 years	1,393	876	250	267	19.2	2,027	1,781	247	12.2
20 years and over	28,489	24,670	1,971	1,849	6.5	7,829	7,488	341	4.4
20 to 24 years	4,863	3,977	416	471	9.7	1,331	1,252	79	5.9
25 years and over	23,626	20,693	1,555	1,378	5.8	6,498	6,235	262	4.0
25 to 54 years	19,959	17,434	1,312	1,212	6.1	5,035	4,804	230	4.6
55 years and over	3,668	3,259	242	167	4.6	1,463	1,431	32	2.2
Black and other									
	6,118	4,782	390	946	15.5	503	375	129	25.6
Males, 16 years and over	608	306	76	226	37.1	265	173	91	34.5
16 to 21 years	256	102	51	103	40.3	201	126	75	37.1
16 to 19 years	5,862	4,680	339	843	14.4	302	248	54	17.9
20 years and over	919	561	70	289	31.4	103	76	26	25.8
20 to 24 years	4,943	4,120	269	554	11.2	199	172	28	14.1
25 years and over	4,256	3,519	222	514	12.1	98	87	10	10.2
25 to 54 years	687	601	46	40	5.8	102	85	18	17.6
55 years and over									
Females, 16 years and over	5,387	4,127	484	776	14.4	882	770	111	12.6
16 to 21 years	466	213	75	178	38.1	264	191	73	27.6
16 to 19 years	207	77	38	92	44.6	201	139	63	31.1
20 years and over	5,180	4,051	446	683	13.2	680	631	49	7.2
20 to 24 years	845	510	99	235	27.9	118	103	15	12.8
25 years and over	4,335	3,541	346	447	10.3	561	529	34	6.1
25 to 54 years	3,852	3,148	284	421	10.9	386	355	31	8.0
55 years and over	483	393	63	26	5.4	176	174	3	1.7

1 Employed persons with a job but not at work are distributed proportionately among the full- and part-time employed categories.

A-9. Employment status of the noninstitutional population by family relationship

[Numbers in thousands]

Family relationship	December 1981									
	Civilian labor force					Not in labor force				
	Total	Percent of population	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
				Number	Percent of labor force					
Total, 16 years and over	106,250	63.5	97,442	8,807	8.3	61,191	31,906	9,554	2,484	17,247
Husbands	38,827	80.1	36,749	2,078	5.4	9,633	144	205	914	8,370
With employed wife	21,405	91.8	20,370	1,034	4.8	1,906	42	118	285	1,461
With unemployed wife	1,383	93.4	1,149	234	16.9	98	–	9	21	68
With wife not in labor force	16,040	67.8	15,230	810	5.1	7,630	101	79	608	6,842
Wives	24,791	51.2	23,310	1,481	6.0	23,670	21,319	348	290	1,713
With employed husband	21,519	58.6	20,370	1,149	5.3	15,230	14,137	291	107	695
With unemployed husband	1,268	61.0	1,034	234	18.5	810	751	20	7	32
With husband not in labor force	2,003	20.8	1,906	98	4.9	7,630	6,432	37	176	986
Relatives in married-couple families	12,855	60.5	10,849	2,006	15.6	8,391	789	6,087	232	1,282
16 to 19 years	5,463	51.8	4,509	954	17.5	5,078	125	4,675	7	270
20 to 24 years	4,861	74.5	4,172	689	14.2	1,662	124	1,303	24	210
25 years and over	2,531	60.5	2,168	363	14.3	1,651	540	109	201	802
Females who maintain families	5,610	60.6	5,032	578	10.3	3,643	2,875	136	113	519
Relatives in families maintained by females	4,468	54.6	3,504	964	21.6	3,722	806	1,666	247	1,003
16 to 19 years	1,294	44.8	866	428	33.1	1,592	106	1,320	–	166
20 to 24 years	1,405	69.6	1,085	320	22.8	612	126	277	26	183
25 years and over	1,769	53.8	1,553	216	12.2	1,518	574	69	221	654
Males who maintain families	1,790	75.4	1,639	151	8.4	584	28	33	59	464
Relatives in families maintained by males	1,420	57.0	1,167	253	17.8	1,071	426	339	57	250
16 to 19 years	294	49.9	207	88	29.8	296	15	244	1	36
20 to 24 years	405	73.2	333	72	17.8	148	36	73	4	35
25 years and over	721	53.4	627	93	12.9	627	375	22	52	179
Persons living alone	10,166	53.6	9,561	605	5.9	8,797	5,040	221	470	3,066
Males	5,266	71.0	4,864	405	7.7	2,149	145	131	232	1,642
Females	4,899	42.4	4,697	200	4.1	6,648	4,896	90	238	1,424
All others[1]	6,323	79.0	5,631	691	10.9	1,680	479	119	102	580

[1] The majority of these persons are living with nonrelatives. Also included are persons in married-couple families where the husband is in the Armed Forces, persons in secondary families, and some whose family status is unknown.

A-10. Unemployed persons by marital status, race, age, and sex

Marital status, race, and age	Males				Females			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	Dec. 1980	Dec. 1981	Dec. 1980	Dec. 1981	Dec. 1980	Dec. 1981	Dec. 1980	Dec. 1981
Total, 16 years and over	4,100	5,216	6.9	8.7	3,133	3,591	7.0	7.8
Married, spouse present	1,652	2,187	4.1	5.5	1,333	1,539	5.4	6.1
Widowed, divorced, or separated	447	596	8.8	11.0	651	794	7.5	8.6
Single (never married)	2,001	2,434	13.6	16.2	1,149	1,257	10.8	10.8
White, 16 years and over	3,238	4,142	6.1	7.7	2,351	2,794	6.0	6.9
Married, spouse present	1,425	1,839	3.9	5.1	1,146	1,283	5.1	5.7
Widowed, divorced, or separated	331	445	8.1	10.1	465	576	6.7	7.8
Single (never married)	1,482	1,858	11.7	14.4	740	888	7.6	8.6
Black and other, 16 years and over	862	1,075	13.2	16.2	782	887	12.8	14.2
Married, spouse present	228	348	6.5	9.9	187	256	7.3	9.9
Widowed, divorced, or separated	116	151	12.0	14.8	186	218	10.9	12.0
Single (never married)	518	576	25.3	27.5	409	413	22.5	22.8
Total, 20 to 64 years of age	3,198	4,157	6.0	7.7	2,515	2,899	6.3	7.1
Married, spouse present	1,600	2,110	4.2	5.5	1,253	1,468	5.2	6.0
Widowed, divorced, or separated	437	582	9.1	11.3	615	753	7.8	8.8
Single (never married)	1,159	1,465	11.2	13.5	642	678	8.3	8.3
White, 20 to 64 years of age	2,538	3,277	5.3	6.8	1,874	2,171	5.5	6.2
Married, spouse present	1,380	1,774	4.0	5.1	1,075	1,216	5.0	5.6
Widowed, divorced, or separated	323	436	8.3	10.4	438	542	6.9	8.0
Single (never married)	834	1,068	9.5	11.6	360	412	5.7	6.2
Black and other, 20 to 64 years of age	660	879	11.3	14.6	641	728	11.6	12.7
Married, spouse present	220	336	6.5	9.9	178	251	7.1	9.9
Widowed, divorced, or separated	115	146	12.6	15.2	181	212	11.2	12.3
Single (never married)	325	397	20.7	24.2	282	265	19.9	17.9

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A-11. Unemployed persons by occupation and sex

Occupation	Thousands of persons		Unemployment rates					
			Total		Males		Females	
	Dec. 1980	Dec. 1981	Dec. 1980	Dec. 1981	Dec. 1980	Dec. 1981	Dec. 1980	Dec. 1981
Total, 16 years and over	7,233	8,807	6.9	8.3	6.9	8.7	7.0	7.8
White-collar workers	1,875	2,207	3.5	4.0	2.6	3.2	4.3	4.7
Professional and technical	364	496	2.2	2.9	1.8	2.6	2.7	3.3
Managers and administrators, except farm	269	332	2.3	2.9	1.8	2.5	3.7	4.1
Sales workers	255	283	3.7	4.1	3.4	3.8	4.2	4.4
Clerical workers	993	1,097	5.2	5.7	5.0	5.7	5.2	5.7
Blue-collar workers	3,482	4,250	10.3	12.6	9.7	12.2	12.9	14.5
Craft and kindred workers	914	1,223	6.9	9.2	6.9	9.4	7.7	6.8
Carpenters and other construction craft workers	424	608	10.4	14.9	10.3	15.1	(1)	(1)
All other	490	615	5.4	6.6	5.2	6.6	6.8	6.7
Operatives, except transport	1,432	1,741	12.2	15.0	10.9	14.2	14.1	16.0
Transport equipment operatives	337	374	8.9	10.1	9.0	10.5	8.5	5.3
Nonfarm laborers	799	912	15.8	18.5	16.1	18.3	13.5	20.2
Construction laborers	239	244	25.0	27.4	24.5	27.1	(1)	(1)
All other	560	668	13.7	16.5	13.9	16.1	11.9	19.3
Service workers	1,035	1,312	7.4	8.9	7.2	9.4	7.5	8.6
Private household	46	41	4.2	3.4	(1)	(1)	4.3	3.5
All other	989	1,271	7.6	9.4	7.2	9.5	8.0	9.4
Farm workers	136	193	5.2	7.7	4.8	7.3	6.9	10.5
No previous work experience	705	845	--	--	--	--	--	--
16 to 19 years	550	617	--	--	--	--	--	--
20 to 24 years	103	157	--	--	--	--	--	--
25 years and over	52	72	--	--	--	--	--	--

[1] Percent not shown where base is less than 75,000.

A-12. Unemployed persons by industry and sex

Industry	Percent distribution		Unemployment rates					
			Total		Males		Females	
	Dec. 1980	Dec. 1981	Dec. 1980	Dec. 1981	Dec. 1980	Dec. 1981	Dec. 1980	Dec. 1981
Total, 16 years and over	100.0	100.0	6.9	8.3	6.9	8.7	7.0	7.6
Nonagricultural private wage and salary workers	77.5	77.6	7.3	8.7	7.3	9.2	7.3	8.0
Mining	1.0	.9	7.1	6.7	7.5	6.8	4.6	6.3
Construction	9.5	10.2	13.9	18.2	14.0	18.5	12.2	16.3
Manufacturing	26.5	26.7	8.4	10.5	7.2	9.7	11.0	11.9
Durable goods	16.0	16.9	8.4	10.9	7.6	10.6	10.6	11.9
Lumber and wood products	1.0	1.6	10.6	22.2	11.0	21.0	(1)	30.0
Furniture and fixtures	.6	.7	7.8	11.9	7.5	8.7	8.2	18.3
Stone, clay, and glass products	.9	1.0	10.7	12.5	9.3	11.7	16.2	15.5
Primary metal industries	1.5	1.9	8.9	13.2	9.3	13.3	6.4	12.4
Fabricated metal products	2.1	2.2	9.2	12.3	7.7	12.6	14.7	11.0
Machinery, except electrical equipment	2.7	2.3	6.7	7.0	6.0	6.9	9.3	7.5
Electrical equipment	2.2	2.3	6.4	8.2	4.1	6.4	9.4	10.0
Transportation equipment	3.9	3.7	12.4	14.7	11.4	14.4	16.7	16.0
Automobiles	2.8	2.8	17.0	21.2	14.7	19.5	27.2	29.1
Other transportation equipment	1.1	.9	7.1	7.3	7.5	8.1	5.7	3.6
Instruments and related products	.3	.4	3.4	5.5	2.4	4.6	4.6	6.8
Other durable goods industries	.8	.8	7.7	10.3	5.5	6.8	11.2	14.0
Nondurable goods	10.5	9.8	8.5	9.7	6.3	8.0	11.3	12.2
Food and kindred products	2.8	2.6	10.6	12.3	7.6	10.3	16.8	17.1
Textile mill products	1.0	1.1	8.4	12.5	9.3	15.9	7.7	9.1
Apparel and other textile products	2.5	2.2	13.7	14.6	9.9	11.3	14.6	15.1
Paper and allied products	.6	.5	6.3	5.6	5.6	4.6	8.2	9.1
Printing and publishing	1.1	.9	5.3	5.0	5.0	4.3	5.8	5.8
Chemicals and allied products	.8	.9	4.4	6.1	3.5	5.0	6.8	9.1
Rubber and plastics products	1.1	1.0	11.3	12.1	10.5	10.8	12.4	14.1
Other nondurable goods industries	.6	.6	7.0	9.0	2.1	6.8	12.6	12.1
Transportation and public utilities	3.7	3.9	4.8	5.9	5.3	6.6	3.1	4.1
Railroads and railway express	.5	.6	6.2	9.1	6.1	8.8	(1)	(1)
Other transportation	2.8	2.7	7.5	8.7	8.1	9.5	5.5	5.1
Communication and other public utilities	.4	.6	1.3	2.0	1.3	1.9	1.2	2.1
Wholesale and retail trade	20.1	19.1	7.5	8.4	7.1	8.1	8.1	8.8
Finance, insurance, and real estate	2.6	2.5	3.5	3.8	3.2	3.8	3.6	3.4
Service industries	14.1	14.4	5.7	6.8	6.0	7.5	5.5	6.4
Professional services	5.7	5.9	3.9	4.7	3.2	4.0	4.1	5.1
All other service industries	8.5	8.5	8.4	9.8	8.5	10.8	8.3	8.4
Agricultural wage and salary workers	2.6	2.8	13.4	18.1	13.2	17.6	14.2	20.1
All other classes of workers	10.1	10.0	2.8	3.5	2.7	3.4	3.0	3.6
No previous work experience	9.7	9.6	--	--	--	--	--	--

[1] Percent not shown where base is less than 75,000.

A-13. Unemployed persons by reason for unemployment, sex, age, and race

Reason for unemployment	Total unemployed		Males, 20 years and over		Females, 20 years and over		Both sexes, 16 to 19 years		White		Black and other	
	Dec. 1980	Dec. 1981	Dec. 1980	Dec. 1981	Dec. 1980	Dec. 1981	Dec. 1980	Dec. 1981	Dec. 1980	Dec. 1981	Dec. 1980	Dec. 1981
NUMBER OF UNEMPLOYED												
Total unemployed, in thousands	7,233	8,807	3,244	4,229	2,544	2,922	1,445	1,656	5,589	6,846	1,644	1,962
Job losers	4,143	5,249	2,441	3,220	1,341	1,510	361	519	3,302	4,179	841	1,070
On layoff	1,413	2,002	844	1,264	485	589	85	149	1,207	1,687	207	314
Other job losers	2,730	3,247	1,597	1,956	856	921	276	370	2,095	2,492	634	756
Job leavers	721	781	300	317	295	362	127	102	594	679	128	102
Reentrants	1,664	1,933	440	586	816	927	409	420	1,231	1,415	433	518
New entrants	704	844	63	105	92	123	549	615	462	573	242	271
PERCENT DISTRIBUTION												
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers	57.2	59.6	75.2	76.2	52.7	51.7	25.0	31.3	59.1	61.1	51.2	54.5
On layoff	19.5	22.7	26.0	29.9	19.1	20.2	5.9	9.0	21.6	24.7	12.6	16.0
Other job losers	37.7	36.9	49.2	46.3	33.6	31.5	19.1	22.3	37.5	36.4	38.6	38.5
Job leavers	10.0	8.9	9.2	7.5	11.6	12.4	8.8	6.2	10.6	9.9	7.8	5.2
Reentrants	23.0	21.9	13.6	13.9	32.1	31.7	28.3	25.3	22.0	20.7	26.4	26.4
New entrants	9.7	9.6	1.9	2.5	3.6	4.2	38.0	37.2	8.3	8.4	14.7	13.8
UNEMPLOYMENT RATE												
Total unemployment rate	6.9	8.3	5.9	7.5	6.2	6.9	16.8	20.6	6.1	7.3	13.0	15.2
Job loser rate[1]	3.9	5.0	4.4	5.8	3.3	3.6	4.2	6.4	3.6	4.5	6.6	8.3
Job leaver rate[1]	.7	.7	.5	.6	.7	.9	1.5	1.3	.6	.7	1.0	.8
Reentrant rate[1]	1.6	1.8	.8	1.0	2.0	2.2	4.7	5.2	1.3	1.5	3.4	4.0
New entrant rate[1]	.7	.8	.1	.2	.2	.3	6.4	7.6	.5	.6	1.9	2.1

[1] Unemployment rates are calculated as a percent of the civilian labor force.

A-14. Unemployed persons by reason for unemployment, sex, age, and duration of unemployment

[Percent distribution]

Reason, sex, and age	December 1981						
	Total unemployed		Duration of unemployment				
	Thousands of persons	Percent	Less than 5 weeks	5 to 14 weeks	15 weeks and over		
					Total	15 to 26 weeks	27 weeks and over
Total, 16 years and over	8,807	100.0	39.9	34.9	25.2	13.0	12.2
Job losers	5,249	100.0	37.8	35.7	26.4	12.7	13.8
On layoff	2,002	100.0	53.3	32.0	14.7	7.3	7.4
Other job losers	3,247	100.0	28.3	38.0	33.7	16.0	17.7
Job leavers	781	100.0	41.3	38.0	20.7	11.0	9.7
Reentrants	1,933	100.0	33.5	34.4	22.2	13.6	8.6
New entrants	844	100.0	43.8	28.1	28.1	15.4	12.7
Males, 20 years and over	4,229	100.0	36.7	35.4	27.9	13.3	14.6
Job losers	3,220	100.0	36.0	35.9	28.2	13.0	15.1
On layoff	1,264	100.0	51.5	33.3	15.3	8.1	7.2
Other job losers	1,956	100.0	25.9	37.6	36.5	16.2	20.3
Job leavers	317	100.0	37.8	36.0	26.2	13.6	12.6
Reentrants	586	100.0	40.7	33.4	25.9	13.2	12.7
New entrants	105	100.0	32.5	29.8	37.7	22.0	15.6
Females, 20 years and over	2,922	100.0	39.7	36.0	24.3	12.5	11.9
Job losers	1,510	100.0	37.4	35.5	27.1	12.7	14.3
On layoff	589	100.0	51.5	31.4	17.1	7.1	10.0
Other job losers	921	100.0	28.4	38.2	33.4	16.3	17.1
Job leavers	362	100.0	39.8	40.7	19.5	10.5	9.0
Reentrants	927	100.0	43.9	36.0	20.2	12.3	7.9
New entrants	123	100.0	35.0	28.4	36.6	16.4	20.2
Both sexes, 16 to 19 years	1,656	100.0	48.9	31.6	19.5	13.0	6.5
Job losers	519	100.0	50.7	35.3	13.9	10.2	3.8
On layoff	149	100.0	76.0	23.9	.1	.1	--
Other job losers	370	100.0	40.6	39.9	19.5	13.9	5.6
Job leavers	102	100.0	57.3	34.7	8.0	4.8	3.2
Reentrants	420	100.0	46.5	32.1	21.4	17.1	4.3
New entrants	615	100.0	47.5	27.7	24.8	14.1	10.8

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A-15. Unemployed jobseekers by sex, age, race, and jobsearch methods used

Sex, age, and race	December 1981								
	Thousands of persons		Methods used as a percent of total jobseekers						Average number of methods used
	Total unemployed	Total jobseekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives	Other	
Total, 16 years and over	8,807	6,745	27.2	5.9	74.3	33.5	14.6	4.7	1.60
16 to 19 years	1,656	1,494	16.4	1.8	81.7	27.7	11.0	1.6	1.40
20 to 24 years	1,989	1,603	30.4	6.4	75.4	32.6	15.2	3.3	1.63
25 to 34 years	2,411	1,725	32.3	7.6	72.1	37.3	16.5	5.7	1.72
35 to 44 years	1,313	929	30.7	8.1	71.4	36.8	17.0	5.8	1.70
45 to 54 years	842	562	28.5	8.2	70.1	36.8	9.6	7.1	1.60
55 to 64 years	580	353	23.2	4.2	66.9	31.7	18.1	11.0	1.55
65 years and over	96	79	21.5	7.6	58.2	20.3	24.1	5.1	1.37
Males, 16 years and over	5,216	3,805	29.3	6.3	75.8	30.5	16.6	6.1	1.65
16 to 19 years	987	875	16.3	1.4	83.1	25.3	12.7	1.8	1.41
20 to 24 years	1,188	909	33.0	7.4	76.1	31.0	17.5	4.6	1.70
25 to 34 years	1,441	974	36.7	9.0	73.6	34.9	18.6	7.0	1.80
35 to 44 years	743	479	34.4	7.3	73.7	36.5	18.8	7.5	1.78
45 to 54 years	489	294	28.9	7.8	72.4	29.3	13.3	9.9	1.62
55 to 64 years	296	215	24.7	4.2	65.1	23.3	17.7	17.2	1.52
65 years and over	72	58	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Females, 16 years and over	3,591	2,940	24.6	5.5	72.4	37.4	12.1	2.8	1.55
16 to 19 years	669	619	16.5	2.4	79.6	31.2	8.6	1.3	1.40
20 to 24 years	801	694	27.1	5.0	74.5	34.9	12.2	1.6	1.55
25 to 34 years	970	751	26.8	5.7	70.0	40.5	13.8	4.1	1.61
35 to 44 years	570	450	26.9	8.9	68.9	37.3	15.1	4.0	1.61
45 to 54 years	354	268	28.0	8.6	67.5	45.5	5.2	4.1	1.59
55 to 64 years	284	137	21.2	4.4	70.1	45.3	19.0	1.5	1.61
65 years and over	23	21	(1)	(1)	(1)	(1)	(1)	(1)	(1)
White, 16 years and over	6,846	5,103	25.0	6.0	74.8	34.6	15.5	4.6	1.61
Males	4,142	2,944	26.9	6.7	76.4	31.0	17.8	6.1	1.65
Females	2,704	2,158	22.3	5.1	72.8	39.7	12.4	2.6	1.55
Black and other, 16 years and over	1,962	1,642	34.1	5.7	72.6	30.0	11.9	4.7	1.59
Males	1,075	860	37.2	5.1	73.7	28.8	12.4	6.0	1.63
Females	887	782	30.6	6.4	71.4	31.2	11.4	3.2	1.54

(1) Percent not shown where base is less than 75,000.

NOTE: The jobseekers total is less than the total unemployed because persons on layoff or waiting to begin a new wage and salary job within 30 days are not actually seeking jobs. It should also be noted that the percent using each method will always total more than 100 because many jobseekers use more than one method.

A-16. Unemployed jobseekers by sex, reason for unemployment, and jobsearch methods used

Sex and reason	December 1981								
	Thousands of persons		Methods used as a percent of total jobseekers						Average number of methods used
	Total unemployed	Total jobseekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives	Other	
Total, 16 years and over	8,807	6,745	27.2	5.9	74.3	33.5	14.6	4.7	1.60
Job losers	5,249	3,259	33.0	6.8	75.8	36.0	17.2	6.0	1.73
Job leavers	781	779	27.5	8.9	70.1	40.3	11.2	2.7	1.61
Reentrants	1,933	1,864	21.7	4.1	71.5	34.4	13.3	4.3	1.49
New entrants	844	842	16.5	3.8	78.7	23.3	10.9	2.1	1.35
Males, 16 years and over	5,216	3,805	29.3	6.3	75.8	30.5	16.6	6.1	1.65
Job losers	3,584	2,221	33.0	7.0	75.8	31.3	18.6	7.2	1.73
Job leavers	368	369	31.2	10.8	73.2	35.2	12.5	3.5	1.66
Reentrants	830	778	25.8	4.0	74.0	30.6	14.7	6.8	1.56
New entrants	434	436	14.2	3.4	81.0	22.0	13.1	1.8	1.36
Females, 16 years and over	3,591	2,940	24.6	5.5	72.4	37.4	12.1	2.8	1.55
Job losers	1,664	1,038	32.9	6.6	75.8	39.7	14.2	3.5	1.73
Job leavers	413	410	24.1	7.1	67.1	44.9	10.2	2.0	1.55
Reentrants	1,104	1,086	16.8	4.3	69.7	37.3	12.2	2.6	1.49
New entrants	410	406	18.7	4.2	76.1	24.6	8.9	2.5	1.35

NOTE: See note, table A-15.

A-17. Unemployed persons by duration of unemployment

Duration of unemployment	Total				Full-time workers			
	Thousands of persons		Percent distribution		Thousands of persons		Percent distribution	
	Dec. 1980	Dec. 1981	Dec. 1980	Dec. 1981	Dec. 1980	Dec. 1981	Dec. 1980	Dec. 1981
Total, 16 years and over	7,233	8,807	100.0	100.0	5,998	7,430	100.0	100.0
Less than 5 weeks	2,716	3,518	37.6	39.9	2,022	2,760	33.7	37.1
5 to 14 weeks	2,274	3,073	31.4	34.9	1,899	2,649	31.5	35.7
5 to 10 weeks	1,636	2,194	22.6	24.9	1,349	1,902	22.5	25.6
11 to 14 weeks	638	879	8.8	10.0	539	748	9.0	10.1
15 weeks and over	2,242	2,216	31.0	25.2	2,087	2,021	34.8	27.2
15 to 26 weeks	1,199	1,144	16.6	13.0	1,085	1,021	18.1	13.7
27 weeks and over	1,044	1,072	14.4	12.2	1,002	1,000	16.7	13.5
27 to 51 weeks	611	516	8.4	5.9	597	467	10.0	6.3
52 weeks and over	432	556	6.0	6.3	405	533	6.8	7.2
Average (mean) duration, in weeks	14.0	13.2	--	--	15.3	14.2	--	--
Median duration, in weeks	7.9	7.2	--	--	9.1	7.8	--	--

A-18. Unemployed persons by sex, age, race, marital status, and duration of unemployment

Sex, age, race, and marital status	Thousands of persons					Average (mean) duration, in weeks	Median duration, in weeks	Less than 5 weeks as a percent of unemployed in group		15 weeks and over as a percent of unemployed in group	
	Total	Less than 5 weeks	5 to 14 weeks	15 to 26 weeks	27 weeks and over						
	December 1981							Dec. 1980	Dec. 1981	Dec. 1980	Dec. 1981
Total, 16 years and over	8,807	3,518	3,073	1,144	1,072	13.2	7.2	37.6	39.9	31.0	25.2
16 to 21 years	2,489	1,153	830	319	188	10.7	6.0	45.3	46.3	22.2	20.3
16 to 19 years	1,656	809	524	216	107	10.1	5.3	48.9	48.9	20.4	19.5
20 to 24 years	1,989	791	747	250	201	12.3	7.3	39.0	39.8	29.1	22.7
25 to 34 years	2,411	937	830	320	323	14.0	7.2	34.3	38.9	35.2	26.7
35 to 44 years	1,313	446	488	181	198	14.7	8.5	34.0	34.0	36.1	28.9
45 to 54 years	842	320	263	117	143	15.2	7.7	26.9	37.9	40.3	30.9
55 to 64 years	500	179	182	50	89	16.8	8.3	34.1	35.9	28.6	27.8
65 years and over	96	36	39	10	11	12.6	8.0	34.7	37.8	29.8	21.4
Males, 16 years and over	5,216	2,034	1,814	689	679	13.9	7.4	35.0	39.0	34.4	26.2
16 to 21 years	1,502	699	503	198	102	10.7	5.9	42.3	46.5	24.3	20.0
16 to 19 years	997	484	317	125	61	10.2	5.3	46.2	49.0	22.8	18.9
20 to 24 years	1,188	443	445	171	129	13.1	7.9	34.5	37.3	33.0	25.2
25 to 34 years	1,441	538	500	188	215	14.8	7.5	30.9	37.3	41.1	28.0
35 to 44 years	743	245	266	109	122	15.4	8.7	33.2	33.0	38.0	31.2
45 to 54 years	489	200	134	68	87	15.9	6.8	25.9	41.0	40.8	31.6
55 to 64 years	296	94	121	22	59	18.3	8.6	35.7	31.7	33.9	27.3
65 years and over	72	30	30	6	6	10.1	7.1	(1)	(1)	(1)	(1)
Females, 16 years and over	3,591	1,484	1,259	455	392	12.3	7.0	40.9	41.3	26.5	23.6
16 to 21 years	987	454	327	121	85	10.7	6.1	49.4	46.0	19.2	20.9
16 to 19 years	669	325	207	91	46	9.9	5.3	53.0	48.6	16.9	20.5
20 to 24 years	801	347	302	79	72	11.1	6.5	45.3	43.4	23.8	18.9
25 to 34 years	970	399	330	132	108	12.8	6.8	38.6	41.2	27.7	24.8
35 to 44 years	570	201	222	72	75	13.9	8.3	35.0	35.3	34.2	25.9
45 to 54 years	354	119	129	49	56	14.4	8.9	28.3	33.7	39.6	29.8
55 to 64 years	204	86	60	28	30	14.5	7.7	32.3	41.9	22.2	28.6
65 years and over	23	6	9	4	5	20.2	10.0	(1)	(1)	(1)	(1)
White, 16 years and over	6,846	2,777	2,473	852	744	12.5	6.9	38.0	40.6	30.2	23.3
Males	4,142	1,652	1,478	529	483	13.1	7.0	35.9	39.9	33.8	24.4
Females	2,704	1,125	995	323	261	11.6	6.8	40.8	41.6	25.2	21.6
Black and other, 16 years and over	1,962	741	600	293	328	15.8	8.3	36.2	37.8	33.8	31.6
Males	1,075	382	337	160	196	16.7	9.0	31.6	35.6	36.8	33.1
Females	887	359	263	133	132	14.7	7.6	41.2	40.5	30.5	29.8
Males, 16 years and over:											
Married, spouse present	2,187	836	755	290	307	14.5	7.5	32.5	38.2	37.1	27.3
Widowed, divorced, or separated	596	213	206	68	109	15.9	8.1	32.3	35.7	38.5	29.7
Single (never married)	2,434	986	853	331	263	12.8	7.1	37.7	40.5	31.3	24.4
Females, 16 years and over:											
Married, spouse present	1,539	650	558	181	159	11.9	6.7	39.2	42.2	27.4	22.1
Widowed, divorced, or separated	794	282	294	107	111	14.1	8.3	35.7	35.5	29.1	27.4
Single (never married)	1,257	552	414	168	123	11.7	6.5	45.8	43.9	24.1	23.1

(1) Percent not shown where base is less than 75,000.

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A-19. Unemployed persons by occupation, industry, and duration of unemployment

Occupation and industry	Thousands of persons					Average (mean) duration, in weeks	Median duration, in weeks	Less than 5 weeks as a percent of unemployed in group		15 weeks and over as a percent of unemployed in group	
	Total	Less than 5 weeks	5 to 14 weeks	15 to 26 weeks	27 weeks and over						
	December 1981							Dec. 1980	Dec. 1981	Dec. 1980	Dec. 1981
OCCUPATION											
White-collar workers	2,237	796	792	316	304	14.1	8.4	34.9	36.1	31.0	28.1
Professional and managerial	828	271	292	125	138	16.4	9.6	29.8	32.7	34.2	31.9
Sales workers	283	128	93	31	31	11.8	6.4	36.6	45.3	28.5	21.9
Clerical workers	1,097	396	407	159	134	13.0	8.2	37.7	36.1	29.6	26.7
Blue-collar workers	4,250	1,700	1,516	531	503	13.3	7.1	34.7	40.0	35.1	28.3
Craft and kindred workers	1,223	486	471	142	124	12.4	7.0	37.4	39.7	31.7	21.7
Operatives, except transport	1,741	700	615	214	212	13.4	7.5	34.5	40.2	37.3	24.4
Transport equipment operatives	374	146	118	52	58	15.1	6.6	29.1	39.1	35.8	29.2
Nonfarm laborers	912	367	312	123	110	13.7	7.0	34.4	40.3	34.8	25.6
Service workers	1,312	558	452	156	146	12.2	6.5	43.6	42.5	25.7	23.0
INDUSTRY[1]											
Agriculture	249	122	101	14	12	8.5	5.1	45.0	49.0	17.0	10.4
Construction	936	394	342	107	94	11.3	6.5	42.5	42.1	25.3	21.4
Manufacturing	2,353	940	807	313	293	13.7	7.4	31.0	39.9	41.8	25.8
Durable goods	1,490	557	516	213	205	14.8	7.9	26.5	37.4	49.4	28.0
Nondurable goods	863	382	291	100	89	11.7	6.5	37.8	44.3	30.3	21.9
Transportation and public utilities	381	144	140	42	55	15.0	7.2	34.2	37.8	37.0	25.6
Wholesale and retail trade	1,690	677	632	199	181	12.2	7.2	37.2	40.1	27.5	22.5
Finance and service industries	1,830	690	613	274	253	14.2	7.7	37.5	37.7	28.0	28.7
Public administration	275	76	100	42	58	19.2	10.9	34.1	27.5	37.7	36.2
No previous work experience	845	371	237	130	108	13.2	6.8	49.2	43.9	21.2	28.1

[1] Includes wage and salary workers only.

A-20. Employed persons by industry, age, and sex

[In thousands]

Industry and age	Total		Males		Females	
	Dec. 1980	Dec. 1981	Dec. 1980	Dec. 1981	Dec. 1980	Dec. 1981
All industries	97,545	97,442	55,644	55,027	41,900	42,416
16 to 19 years	7,170	6,399	3,604	3,240	3,567	3,160
16 to 17 years	2,784	2,476	1,408	1,247	1,375	1,230
18 to 19 years	4,387	3,923	2,195	1,993	2,191	1,930
20 to 24 years	13,562	13,327	7,135	6,969	6,427	6,357
25 to 54 years	62,664	63,658	36,221	36,321	26,442	27,337
25 to 34 years	26,756	27,236	15,445	15,441	11,311	11,795
35 to 44 years	19,627	20,311	11,269	11,498	8,358	8,813
45 to 54 years	16,280	16,111	9,508	9,382	6,773	6,730
55 to 64 years	11,277	11,171	6,893	6,722	4,385	4,449
55 to 59 years	6,993	6,885	4,245	4,137	2,749	2,748
60 to 64 years	4,284	4,286	2,648	2,586	1,636	1,700
65 years and over	2,872	2,888	1,792	1,774	1,080	1,114
Nonagricultural industries	94,501	94,624	53,192	52,690	41,309	41,933
16 to 19 years	6,901	6,188	3,379	3,056	3,521	3,132
16 to 17 years	2,652	2,394	1,302	1,172	1,351	1,221
18 to 19 years	4,248	3,794	2,078	1,883	2,171	1,911
20 to 24 years	13,246	12,989	6,888	6,685	6,358	6,304
25 to 54 years	60,996	62,101	34,933	35,080	26,062	27,021
25 to 34 years	26,165	26,637	14,957	14,966	11,208	11,671
35 to 44 years	19,089	19,810	10,877	11,092	8,211	8,718
45 to 54 years	15,742	15,654	9,099	9,022	6,643	6,632
55 to 64 years	10,777	10,721	6,462	6,336	4,315	4,386
55 to 59 years	6,730	6,640	4,021	3,930	2,710	2,710
60 to 64 years	4,047	4,081	2,442	2,406	1,605	1,675
65 years and over	2,582	2,625	1,528	1,534	1,053	1,091
Agriculture	3,044	2,819	2,453	2,336	591	483
16 to 19 years	270	212	224	184	46	28
16 to 17 years	131	83	106	75	25	8
18 to 19 years	138	129	118	110	21	19
20 to 24 years	316	338	247	285	69	53
25 to 54 years	1,668	1,557	1,288	1,241	380	316
25 to 34 years	591	598	488	475	103	123
35 to 44 years	538	501	392	406	146	95
45 to 54 years	538	458	408	360	130	98
55 to 64 years	500	449	430	387	70	63
55 to 59 years	263	245	224	207	39	38
60 to 64 years	237	204	206	180	31	25
65 years and over	290	263	264	240	27	23

A-21. Employed persons by occupation, sex, and age

[In thousands]

Occupation	Total		Males, 20 years and over		Females, 20 years and over		Males, 16-19 years		Females, 16-19 years	
	Dec. 1980	Dec. 1981	Dec. 1980	Dec. 1981	Dec. 1980	Dec. 1981	Dec. 1980	Dec. 1981	Dec. 1980	Dec. 1981
TOTAL	97,545	97,402	52,041	51,787	38,334	39,256	3,604	3,240	3,567	3,160
White-collar workers	51,733	52,422	23,357	23,627	25,777	26,536	677	610	1,922	1,649
Professional and technical	16,012	16,644	8,745	9,013	7,090	7,471	78	76	99	83
Health workers	2,969	3,057	958	974	1,985	2,057	7	9	21	16
Teachers, except college	3,381	3,429	1,006	983	2,351	2,422	6	1	18	23
Other professional and technical	9,662	10,158	6,781	7,056	2,754	2,992	65	66	60	44
Managers and administrators, except farm	10,988	11,019	8,026	7,905	2,865	3,010	53	55	44	49
Salaried workers	9,084	9,249	6,595	6,558	2,399	2,593	49	52	41	46
Self-employed workers in retail trade	803	793	511	529	290	261	2	1	--	3
Self-employed workers, except retail trade	1,101	977	919	818	177	157	2	2	3	1
Sales workers	6,543	6,668	3,283	3,329	2,499	2,696	252	223	510	420
Retail trade	3,407	3,539	1,015	1,081	1,728	1,872	200	184	464	402
Other industries	3,136	3,130	2,268	2,248	771	824	52	39	46	18
Clerical workers	18,189	18,091	3,304	3,380	13,323	13,359	295	256	1,268	1,096
Stenographers, typists, and secretaries	4,967	4,741	60	78	4,593	4,437	5	3	310	223
Other clerical workers	13,222	13,350	3,244	3,302	8,730	8,922	290	253	958	873
Blue-collar workers	30,305	29,356	22,736	22,184	5,459	5,350	1,750	1,574	361	248
Craft and kindred workers	12,305	12,105	11,076	10,927	773	849	403	305	53	24
Carpenters	1,152	1,031	1,078	972	16	18	56	40	1	1
Construction craft workers, except carpenters	2,501	2,431	2,389	2,322	28	41	82	63	3	5
Mechanics and repairers	3,265	3,280	3,053	3,087	67	74	144	119	--	--
Metal craft workers	1,234	1,199	1,149	1,112	47	56	35	30	4	1
Blue-collar worker supervisors, not elsewhere classified	1,798	1,777	1,555	1,550	224	224	9	3	10	--
All other	2,355	2,387	1,851	1,884	392	436	77	50	35	18
Operatives, except transport	10,310	9,888	5,701	5,472	3,943	3,832	450	447	215	137
Durable goods manufacturing	4,505	4,288	2,785	2,656	1,521	1,458	137	135	62	40
Nondurable goods manufacturing	3,236	3,107	1,279	1,244	1,783	1,726	77	86	97	51
Other industries	2,568	2,493	1,636	1,572	639	648	236	227	57	46
Transport equipment operatives	3,437	3,339	3,001	2,918	279	299	145	112	12	10
Drivers, motor vehicles	2,945	2,849	2,555	2,474	246	269	132	98	13	8
All other	492	490	446	444	33	30	13	15	--	2
Nonfarm laborers	4,253	4,024	2,958	2,867	464	370	751	710	80	77
Construction	719	647	602	539	27	12	89	92	1	4
Manufacturing	948	855	712	665	156	109	72	77	9	4
Other industries	2,586	2,522	1,644	1,662	282	250	590	541	70	69
Service workers	13,008	13,361	4,061	4,155	6,700	7,061	997	898	1,250	1,246
Private household workers	1,058	1,161	25	36	790	861	15	11	228	253
Service workers, except private household	11,949	12,200	4,036	4,119	5,909	6,200	982	887	1,022	993
Food service workers	4,462	4,604	917	953	2,193	2,349	651	605	701	698
Protective service workers	1,415	1,488	1,255	1,319	125	140	22	25	14	4
All other	6,072	6,108	1,864	1,847	3,591	3,711	309	257	307	291
Farm workers	2,499	2,304	1,887	1,821	398	309	179	157	35	16
Farmers and farm managers	1,473	1,396	1,283	1,226	176	148	14	17	--	4
Farm laborers and supervisors	1,026	908	604	595	222	161	165	140	35	12
Paid workers	798	744	568	561	88	70	121	106	21	7
Unpaid family workers	228	164	36	34	134	91	44	34	14	5

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A-22. Employed persons by occupation, race, and sex

[Percent distribution]

Occupation and race	Total		Males		Females	
	Dec. 1980	Dec. 1981	Dec. 1980	Dec. 1981	Dec. 1980	Dec. 1981
TOTAL						
Total, 16 years and over (thousands)	97,585	97,442	55,684	55,027	41,900	42,416
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	53.0	53.8	43.2	44.0	66.1	66.5
Professional and technical	16.4	17.1	15.9	16.5	17.2	17.8
Managers and administrators, except farm	11.3	11.3	14.5	14.5	6.9	7.2
Sales workers	6.7	6.8	6.4	6.5	7.2	7.3
Clerical workers	18.6	18.6	6.5	6.6	34.8	34.1
Blue-collar workers	31.1	30.1	44.0	43.2	13.9	13.2
Craft and kindred workers	12.6	12.4	20.6	20.4	2.0	2.1
Operatives, except transport	10.6	10.1	11.1	10.8	9.9	9.4
Transport equipment operatives	3.5	3.4	5.7	5.5	.7	.7
Nonfarm laborers	4.4	4.1	6.7	6.5	1.3	1.1
Service workers	13.3	13.7	9.1	9.2	19.0	19.6
Private household workers	1.1	1.2	.1	.1	2.4	2.6
Other service workers	12.2	12.5	9.0	9.1	16.5	17.0
Farm workers	2.6	2.4	3.7	3.6	1.0	.8
Farmers and farm managers	1.5	1.4	2.3	2.3	.4	.4
Farm laborers and supervisors	1.1	.9	1.4	1.3	.6	.4
White						
Total, 16 years and over (thousands)	86,590	86,515	49,996	49,480	36,594	37,035
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	54.7	55.3	44.9	45.5	68.1	68.4
Professional and technical	16.9	17.5	16.5	17.0	17.4	18.2
Managers and administrators, except farm	12.0	12.0	15.4	15.3	7.3	7.7
Sales workers	7.2	7.3	6.8	6.8	7.7	7.9
Clerical workers	18.7	18.5	6.2	6.4	35.7	34.7
Blue-collar workers	30.5	29.7	43.0	42.4	13.3	12.6
Craft and kindred workers	13.0	12.9	21.0	20.9	2.1	2.1
Operatives, except transport	10.1	9.6	10.7	10.4	9.3	8.7
Transport equipment operatives	3.3	3.3	5.3	5.2	.7	.7
Nonfarm laborers	4.0	3.9	6.1	5.9	1.3	1.1
Service workers	12.1	12.6	8.3	8.4	17.4	18.2
Private household workers	.9	1.0	.1	.1	1.9	2.1
Other service workers	11.3	11.6	8.2	8.3	15.5	16.0
Farm workers	2.7	2.5	3.8	3.7	1.1	.8
Farmers and farm managers	1.7	1.6	2.5	2.5	.5	.4
Farm laborers and supervisors	1.0	.9	1.3	1.3	.6	.4
Black and other						
Total, 16 years and over (thousands)	10,955	10,928	5,648	5,547	5,307	5,381
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	39.8	42.1	28.3	31.4	52.0	53.2
Professional and technical	12.7	13.8	10.3	12.4	15.3	15.3
Managers and administrators, except farm	5.7	5.8	7.1	7.3	4.2	4.2
Sales workers	3.2	3.4	2.5	3.2	3.8	3.7
Clerical workers	18.3	19.1	8.4	8.6	28.8	30.1
Blue-collar workers	35.8	33.7	52.7	49.7	17.8	17.2
Craft and kindred workers	9.5	8.7	17.1	15.7	1.4	1.5
Operatives, except transport	14.3	14.2	14.6	14.3	14.1	14.0
Transport equipment operatives	5.1	4.5	9.1	8.2	.8	.7
Nonfarm laborers	6.9	6.3	12.0	11.4	1.5	1.0
Service workers	22.7	22.8	16.2	16.4	29.7	29.4
Private household workers	2.9	3.0	.2	.2	5.8	5.9
Other service workers	19.8	19.8	16.0	16.2	23.9	23.5
Farm workers	1.7	1.4	2.8	2.4	.5	.3
Farmers and farm managers	.3	.3	.6	.5	.1	.1
Farm laborers and supervisors	1.4	1.1	2.2	2.0	.5	.2

A-23. Employed persons by age, sex, and class of worker

[In thousands]

Age and sex	December 1981								
	Nonagricultural industries						Agriculture		
	Wage and salary workers				Self employed	Unpaid family workers	Wage and salary workers	Self employed	Unpaid family workers
	Total	Private household workers	Government	Other					
Total, 16 years and over	87,363	1,308	15,524	70,532	6,900	360	1,127	1,518	174
16 to 19 years	6,069	303	386	5,380	105	14	144	28	39
16 to 17 years	2,339	227	101	2,011	51	4	47	13	23
18 to 19 years	3,730	77	284	3,369	54	10	97	15	17
20 to 24 years	12,620	119	1,372	11,129	333	36	237	77	24
25 to 34 years	24,890	178	4,499	20,212	1,671	77	283	275	40
35 to 44 years	17,990	178	3,822	13,990	1,751	69	206	270	25
45 to 54 years	14,118	183	3,068	10,868	1,451	84	134	300	24
55 to 64 years	9,619	208	2,055	7,356	1,037	65	92	345	12
55 to 59 years	5,964	116	1,303	4,546	639	36	56	183	7
60 to 64 years	3,655	93	752	2,810	398	29	36	163	6
65 years and over	2,058	139	323	1,596	552	16	31	223	8
Males, 16 years and over	47,908	150	7,622	40,135	4,744	39	929	1,338	69
16 to 19 years	2,985	46	161	2,778	62	9	126	24	34
16 to 17 years	1,140	37	43	1,060	29	3	43	11	20
18 to 19 years	1,844	8	118	1,718	33	6	83	12	14
20 to 24 years	6,451	28	591	5,833	223	11	196	71	17
25 to 34 years	13,868	25	2,107	11,736	1,092	6	222	246	7
35 to 44 years	9,896	5	1,900	7,991	1,194	1	170	234	2
45 to 54 years	7,982	12	1,595	6,375	1,038	2	116	244	--
55 to 64 years	5,571	13	1,081	4,477	758	7	73	311	3
55 to 59 years	3,450	9	686	2,755	475	5	47	159	1
60 to 64 years	2,121	4	395	1,721	283	2	26	152	1
65 years and over	1,155	22	187	946	377	2	26	207	6
Females, 16 years and over	39,456	1,157	7,902	30,396	2,156	321	198	180	104
16 to 19 years	3,085	257	225	2,602	43	5	18	4	5
16 to 17 years	1,199	189	58	951	22	1	4	1	3
18 to 19 years	1,886	68	167	1,651	21	3	14	3	2
20 to 24 years	6,169	91	782	5,296	111	25	41	5	7
25 to 34 years	11,022	153	2,392	8,477	578	72	61	29	33
35 to 44 years	8,093	173	1,922	5,999	557	67	36	36	23
45 to 54 years	6,136	171	1,473	4,493	414	82	18	55	24
55 to 64 years	4,048	196	973	2,879	279	58	19	34	10
55 to 59 years	2,514	107	616	1,791	164	32	9	24	6
60 to 64 years	1,534	88	357	1,089	115	26	10	11	4
65 years and over	903	117	135	651	175	13	5	16	2

A-24. Employed persons by industry and occupation

[In thousands]

Industry	December 1981											
		White-collar workers				Blue-collar workers				Service workers		Farm workers
	Total employed	Professional and technical workers	Managers and administrators, except farm	Sales workers	Clerical workers	Craft and kindred workers	Operatives, except transport	Transport equipment operatives	Nonfarm laborers	Private household workers	Other service workers	
Agriculture	2,819	91	44	7	68	71	9	18	192	--	15	2,304
Mining	1,098	161	97	11	147	253	341	54	17	--	18	--
Construction	5,599	177	748	37	467	3,056	256	168	647	--	43	--
Manufacturing	20,691	2,590	1,660	530	2,622	3,964	7,395	731	855	--	344	--
Durable goods	12,492	1,846	951	186	1,574	2,617	4,288	342	504	--	184	--
Nondurable goods	8,199	744	708	344	1,048	1,347	3,107	389	351	--	161	--
Transportation and public utilities	6,531	646	686	95	1,468	1,342	160	1,478	451	--	206	--
Wholesale and retail trade	20,347	484	3,817	4,470	3,576	1,417	869	634	1,258	--	3,622	--
Wholesale trade	3,837	164	834	931	784	340	159	316	268	--	42	--
Retail trade	16,510	320	2,984	3,539	2,792	1,077	710	318	991	--	3,779	--
Finance, insurance, and real estate	6,084	396	1,193	1,333	2,706	123	16	2	40	--	274	--
Services	29,204	11,107	2,124	181	5,240	1,600	791	189	445	1,161	6,365	--
Private households	1,352	12	--	--	16	13	1	3	101	1,161	45	--
Other service industries	27,852	11,095	2,124	181	5,224	1,587	790	186	344	--	6,320	--
Public administration	5,069	992	651	4	1,797	280	50	65	118	--	1,112	--

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A-25. Employed persons with a job but not at work by reason, sex, and pay status

[In thousands]

Reason not working and sex	All industries		Nonagricultural industries					
			Total		Wage and salary workers[1]			
					Paid absences[2]		Unpaid absences[2]	
	Dec. 1980	Dec. 1981	Dec. 1980	Dec. 1981	Dec. 1980	Dec. 1981	Dec. 1980	Dec. 1981
Total, 16 years and over	3,458	3,428	3,282	3,290	1,431	1,393	1,353	1,43
Vacation	1,099	1,011	1,067	984	732	703	212	20
Illness	1,401	1,298	1,362	1,255	534	513	685	62
Bad weather	95	124	59	103	--	--	--	-
Industrial dispute	49	15	49	13	--	--	--	-
All other reasons	813	980	745	934	165	177	456	60
Males, 16 years and over	1,992	1,936	1,844	1,818	855	815	665	65
Vacation	695	600	669	578	497	441	95	9
Illness	759	714	725	679	283	281	352	32
All other reasons[3]	538	622	450	560	75	93	219	27
Females, 16 years and over	1,466	1,492	1,438	1,472	577	578	688	7
Vacation	404	411	399	406	235	263	117	1
Illness	642	584	637	576	251	232	333	3
All other reasons[3]	420	497	403	490	90	83	237	3

[1] Excludes private household workers.

[2] Pay status not available separately for bad weather and industrial dispute; these categories are included in "all other reasons."

[3] Includes bad weather and industrial dispute, not shown separately.

NOTE: Estimates for "all other reasons" by pay status may be biased because of high response variance; data should be used with caution.

A-26. Persons at work by hours of work and industry

Hours of work	December 1981					
	Thousands of persons			Percent distribution		
	All industries	Nonagricultural industries	Agriculture	All industries	Nonagricultural industries	Agriculture
Total, 16 years and over	94,014	91,334	2,680	100.0	100.0	100.0
1-34 hours	23,482	22,676	805	25.0	24.8	30.0
1-4 hours	764	715	49	.8	.8	1.8
5-14 hours	4,559	4,382	176	4.8	4.8	6.6
15-29 hours	11,456	11,053	402	12.2	12.1	15.0
30-34 hours	6,703	6,526	178	7.1	7.1	6.6
35 hours and over	70,533	68,657	1,876	75.0	75.2	70.0
35-39 hours	7,079	6,907	172	7.5	7.6	6.4
40 hours	40,329	39,803	526	42.9	43.6	19.6
41 hours and over	23,125	21,947	1,178	24.6	24.0	43.9
41 to 48 hours	9,266	9,023	243	9.9	9.9	9.1
49 to 59 hours	8,001	7,641	360	8.5	8.4	13.4
60 hours and over	5,858	5,283	575	6.2	5.8	21.4
Average hours, total at work	38.3	38.1	42.4	--	--	--
Average hours, workers on full-time schedules	42.9	42.7	49.9	--	--	--

A-27. Persons at work 1 to 34 hours by reason for working less than 35 hours and usual status

[Numbers in thousands]

Reason for working less than 35 hours	December 1981					
	All industries			Nonagricultural industries		
	Total	Usually work full time	Usually work part time	Total	Usually work full time	Usually work part time
Total, 16 years and over	23,482	6,984	16,538	22,676	6,601	16,076
Economic reasons	5,227	2,236	2,991	4,963	2,053	2,910
Slack work	2,911	1,950	961	2,682	1,776	906
Material shortages or repairs to plant and equipment	50	50	--	50	50	--
New job started during week	142	142	--	138	138	--
Job terminated during week	94	94	--	90	90	--
Could find only part-time work	2,030	--	2,030	2,005	--	2,005
Other reasons	18,254	4,707	13,547	17,713	4,547	13,166
Does not want, or unavailable for, full-time work	11,507	--	11,507	11,220	--	11,220
Vacation	1,029	1,029	--	1,014	1,014	--
Illness	2,044	1,861	183	2,003	1,833	170
Bad weather	391	391	--	327	327	--
Industrial dispute	12	12	--	12	12	--
Legal or religious holiday	67	67	--	67	67	--
Full time for this job	1,374	--	1,374	1,345	--	1,345
All other reasons	1,830	1,347	483	1,724	1,293	431
Average hours:						
Economic reasons	22.1	24.5	20.3	22.2	24.7	20.4
Other reasons	20.8	26.8	18.7	20.8	26.9	18.7
Worked 30 to 34 hours:						
Economic reasons	1,689	1,011	678	1,622	953	669
Other reasons	5,014	2,713	2,301	4,904	2,664	2,240

A-28. Nonagricultural workers by industry and full- or part-time status

[Numbers in thousands]

Industry	December 1981							
	Full- or part-time status						Average hours, total at work	Average hours, workers on full-time schedules
	Total at work	On part time for economic reasons	On voluntary part time	On full time schedules				
				Total	40 hours or less	41 to 48 hours	49 hours or more	
Total, 16 years and over [1]	91,334	4,963	13,166	73,205	51,258	9,023	12,924	38.1	42.7
Wage and salary workers	84,512	4,349	11,944	68,219	48,864	8,392	10,963	38.0	42.3
Construction	4,340	412	172	3,756	2,812	405	539	38.8	41.6
Manufacturing	19,556	848	552	18,156	13,352	2,528	2,276	40.5	41.8
Durable goods	11,834	341	226	11,267	8,282	1,563	1,422	41.0	41.8
Nondurable goods	7,723	506	326	6,891	5,070	966	855	39.7	41.7
Transportation and public utilities	5,921	215	394	5,312	3,696	653	963	40.9	43.3
Wholesale and retail trade	17,895	1,305	4,667	11,923	7,635	1,778	2,510	35.6	43.3
Finance, insurance, and real estate	5,465	110	521	4,834	3,710	481	643	38.7	41.1
Service industries	25,418	1,349	5,372	18,697	13,631	1,902	3,164	36.0	42.3
Private households	1,281	250	651	380	255	50	75	22.7	43.7
All other industries	24,137	1,099	4,721	18,317	13,376	1,852	3,089	36.7	42.3
Public administration	4,919	85	240	4,594	3,513	496	585	40.0	41.5
Self-employed workers	6,462	601	1,085	4,776	2,263	612	1,904	40.0	47.9
Unpaid family workers	360	15	137	208	132	19	57	35.8	45.5

[1] Includes mining, not shown separately.

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A-29. Persons at work in nonagricultural industries by sex, age, race, marital status, and full- or part-time status

[Numbers in thousands]

Sex, age, race, and marital status	December 1981							
	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules			Average hours, total at work	Aver... hou... work... on full... sched...
				Total	40 hours or less	41 hours or more		
TOTAL								
Both sexes, 16 years and over	91,334	4,963	13,166	73,205	51,258	21,947	38.1	
16 to 21 years	10,689	966	4,583	5,180	4,070	1,110	28.8	
16 to 19 years	6,003	551	3,450	2,002	1,635	367	24.5	
16 to 17 years	2,334	93	2,011	230	193	37	17.5	
18 to 19 years	3,669	458	1,439	1,772	1,441	331	29.0	
20 years and over	85,331	4,411	9,717	71,203	49,622	21,581	39.1	
20 to 24 years	12,618	979	2,054	9,585	7,104	2,481	36.7	
25 years and over	72,713	3,432	7,663	61,618	42,520	19,098	39.4	
25 to 44 years	45,008	2,160	3,957	38,891	26,433	12,458	39.9	
45 to 64 years	25,228	1,178	2,503	21,547	15,261	6,286	39.5	
65 years and over	2,477	94	1,203	1,180	825	355	29.4	
Males, 16 years and over	50,873	2,296	3,816	44,761	28,255	16,506	41.1	
16 to 21 years	5,332	483	2,020	2,829	2,094	735	30.7	
16 to 19 years	2,952	267	1,591	1,094	845	249	26.2	
16 to 17 years	1,133	52	943	138	109	29	18.8	
18 to 19 years	1,819	215	647	957	737	220	30.8	
20 years and over	47,921	2,030	2,226	43,665	27,409	16,256	42.0	
20 to 24 years	6,519	472	782	5,265	3,576	1,689	38.8	
25 years and over	41,402	1,559	1,443	38,400	23,832	14,568	42.6	
25 to 44 years	25,328	949	467	23,912	14,450	9,462	43.2	
45 to 64 years	14,627	559	345	13,723	8,871	4,852	42.5	
65 years and over	1,447	50	631	766	514	252	30.6	
Females, 16 years and over	40,461	2,667	9,350	28,444	23,002	5,442	34.3	
16 to 21 years	5,357	483	2,524	2,350	1,974	376	26.9	
16 to 19 years	3,051	285	1,859	907	789	118	22.9	
16 to 17 years	1,201	42	1,067	92	85	7	16.4	
18 to 19 years	1,850	243	791	816	706	110	27.2	
20 years and over	37,410	2,382	7,491	27,537	22,214	5,323	35.3	
20 to 24 years	6,099	508	1,272	4,319	3,526	793	34.6	
25 years and over	31,312	1,872	6,220	23,220	18,690	4,530	35.3	
25 to 44 years	19,679	1,211	3,490	14,978	11,984	2,994	35.7	
45 to 64 years	10,601	619	2,158	7,824	6,390	1,434	35.4	
65 years and over	1,030	43	572	415	313	102	27.7	
RACE								
White	81,012	4,126	12,123	64,763	44,241	20,522	38.2	
Males	45,713	1,935	3,493	40,285	24,742	15,543	41.4	
Females	35,299	2,192	8,630	24,477	19,499	4,978	34.2	
Black and other	10,322	837	1,044	8,441	7,016	1,425	37.1	
Males	5,160	363	323	4,474	3,512	962	39.0	
Females	5,162	474	720	3,968	3,505	463	35.2	
MARITAL STATUS								
Males, 16 years and over:								
Married, spouse present	34,753	1,178	1,090	32,485	19,876	12,609	42.8	
Widowed, divorced, or separated	4,475	257	186	4,032	2,565	1,467	41.5	
Single (never married)	11,645	863	2,541	8,241	5,811	2,430	35.8	
Females, 16 years and over:								
Married, spouse present	22,331	1,348	5,373	15,610	12,871	2,739	34.3	
Widowed, divorced, or separated	8,068	585	1,113	6,370	4,949	1,421	37.0	
Single (never married)	10,063	734	2,863	6,466	5,185	1,281	32.3	

A-30. Persons at work in nonfarm occupations by sex and full- or part-time status

[Numbers in thousands]

Occupation and sex	December 1981								
	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules				Average hours, total at work	Average hours, workers on full-time schedules
				Total	40 hours or less	41 to 48 hours	49 hours or more		
Total, 16 years and over	91,816	5,003	13,253	73,560	51,470	9,060	13,030	38.1	42.7
White-collar workers	50,877	1,521	7,183	42,173	28,590	5,036	8,587	39.0	43.0
Professional and technical	16,179	360	1,820	13,999	9,231	1,797	2,971	40.0	43.3
Managers and administrators, except farm	10,690	162	534	9,994	5,116	1,372	3,506	44.7	46.4
Sales workers	6,431	333	1,578	4,520	2,689	663	1,168	36.6	43.9
Clerical workers	17,578	666	3,251	13,661	11,555	1,205	901	35.6	40.0
Blue-collar workers	28,020	2,140	1,923	23,957	17,218	3,254	3,485	39.2	42.3
Craft and kindred workers	11,588	688	408	10,492	7,175	1,572	1,745	40.5	42.6
Operatives, except transport	9,448	765	530	8,153	6,379	1,004	770	38.9	41.3
Transport equipment operatives	3,172	240	277	2,655	1,564	400	691	40.8	44.8
Nonfarm laborers	3,812	446	708	2,658	2,102	278	278	34.7	41.4
Service workers	12,919	1,342	4,147	7,430	5,662	770	998	32.1	42.1
Private household	1,136	208	586	342	230	49	63	22.6	43.4
Other service workers	11,783	1,134	3,560	7,089	5,433	721	935	33.0	42.1
Males, 16 years and over	51,207	2,328	3,855	45,024	28,409	6,218	10,397	41.1	44.0
White-collar workers	23,636	487	1,433	21,716	12,190	2,957	6,569	43.2	45.4
Professional and technical	8,892	135	459	8,298	5,016	1,056	2,226	43.0	44.7
Managers and administrators, except farm	7,741	126	222	7,393	3,407	1,045	2,941	46.2	47.4
Sales workers	3,470	111	373	2,986	1,506	488	992	41.9	45.5
Clerical workers	3,532	116	378	3,038	2,259	369	410	38.8	42.0
Blue-collar workers	22,674	1,517	1,311	19,846	13,797	2,819	3,230	40.0	42.7
Craft and kindred workers	10,744	638	283	9,823	6,712	1,458	1,653	40.8	42.7
Operatives, except transport	5,671	290	266	5,115	3,767	715	633	40.3	42.2
Transport equipment operatives	2,876	204	153	2,519	1,449	385	685	42.2	45.1
Nonfarm laborers	3,384	385	608	2,391	1,872	260	259	35.0	41.6
Service workers	4,897	324	1,111	3,462	2,422	442	598	35.9	43.3
Private household	47	13	15	19	15	2	2	22.3	39.7
Other service workers	4,850	310	1,095	3,445	2,409	440	596	36.1	43.3
Females, 16 years and over	40,610	2,677	9,199	28,536	23,059	2,843	2,632	34.3	40.5
White-collar workers	27,242	1,035	5,750	20,457	16,399	2,080	1,978	35.4	40.5
Professional and technical	7,288	226	1,361	5,701	4,214	741	746	36.4	41.3
Managers and administrators, except farm	2,948	38	312	2,598	1,706	327	565	40.9	43.5
Sales workers	2,960	221	1,205	1,534	1,182	176	176	30.4	40.9
Clerical workers	14,045	550	2,872	10,623	9,297	835	491	34.8	39.4
Blue-collar workers	5,346	623	613	4,110	3,420	435	255	35.9	40.1
Craft and kindred workers	844	50	125	669	463	114	92	37.0	41.9
Operatives, except transport	3,777	474	264	3,039	2,613	289	137	36.6	39.8
Transport equipment operatives	296	36	124	136	115	15	6	27.3	38.0
Nonfarm laborers	428	63	100	265	227	18	20	33.0	40.4
Service workers	8,022	1,019	3,036	3,967	3,240	328	399	29.7	41.1
Private household	1,089	195	571	323	216	46	61	22.6	43.6
Other service workers	6,932	825	2,465	3,642	3,022	281	339	30.8	40.9

HOUSEHOLD DATA

A-31. Employment status of 14- and 15-year-olds by sex and race

[Numbers in thousands]

Employment status	December 1981								
	Total			White			Black and other		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Civilian noninstitutional population	7,178	3,651	3,526	5,942	3,031	2,911	1,236	620	616
Civilian labor force	1,125	527	598	1,065	498	566	60	29	31
Employed	977	444	533	936	425	511	41	19	22
Agriculture	70	57	14	71	57	14	--	--	--
Nonagricultural industries	907	388	519	865	368	497	41	19	22
Unemployed	148	83	65	129	73	55	19	10	9
Unemployment rate	13.2	15.8	10.9	12.1	14.7	9.7	(1)	(1)	(1)
Not in labor force	6,053	3,124	2,928	4,877	2,533	2,344	1,176	591	584
Keeping house	26	2	25	22	3	19	4	--	6
Going to school	5,954	3,091	2,863	4,794	2,504	2,290	1,160	587	573
Unable to work	3	--	3	2	--	2	1	--	1
All other reasons	69	31	37	59	26	33	10	5	5

[1] Percent not shown where base is less than 75,000.

A-32. Employed 14- and 15-year-olds by class of worker, occupation, and sex

Class of worker and occupation	December 1981					
	Thousands of persons			Percent distribution		
	Both sexes	Males	Females	Both sexes	Males	Females
CLASS OF WORKER						
Total	977	444	533	100.0	100.0	100.0
Nonagricultural industries	907	388	519	92.8	87.4	97.2
Wage and salary workers	818	324	494	83.7	73.0	92.5
Private household workers	355	50	305	36.3	11.3	57.1
Government workers	30	16	14	3.1	3.6	2.6
Other wage and salary workers	433	258	176	44.3	58.1	33.0
Self-employed workers	80	58	22	8.2	13.1	4.1
Unpaid family workers	9	6	3	.9	1.4	.6
Agriculture	70	57	14	7.2	12.8	2.6
Wage and salary workers	34	30	4	3.5	6.8	.7
Self-employed workers	7	6	1	.7	1.4	.2
Unpaid family workers	29	20	9	3.0	4.5	1.7
OCCUPATION						
Total	977	444	533	100.0	100.0	100.0
White-collar workers	293	187	106	30.0	42.1	19.9
Professional and technical	15	3	12	1.5	.7	2.3
Managers and administrators, except farm	6	5	--	.6	1.1	--
Sales workers	226	163	63	23.1	36.7	11.8
Clerical workers	47	16	30	4.8	3.6	5.6
Blue-collar workers	106	84	22	10.8	18.9	4.1
Craft and kindred workers	12	9	3	1.2	2.0	.6
Operatives, except transport	23	13	10	2.4	2.9	1.9
Transport equipment operatives	1	1	--	.1	.2	--
Nonfarm laborers	70	61	9	7.2	13.7	1.7
Service workers	517	123	394	52.9	27.7	74.1
Private household workers	336	28	308	34.4	6.3	57.9
Other service workers	181	95	86	18.5	21.4	16.2
Farm workers	61	50	11	6.2	11.3	2.1
Farmers and farm managers	4	4	1	.4	.9	.2
Farm laborers and supervisors	56	46	10	5.7	10.4	1.9

A-33. Employment status of the noninstitutional population by sex and age, seasonally adjusted

[Numbers in thousands]

Employment status, sex, and age	1980	1981											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
TOTAL													
Total noninstitutional population [1]	167,396	167,585	167,747	167,902	168,071	168,272	168,480	168,685	168,855	169,049	169,252	169,435	169,605
Armed Forces [1]	2,124	2,125	2,121	2,128	2,129	2,127	2,131	2,139	2,160	2,165	2,158	2,158	2,164
Civilian noninstitutional population [1]	165,272	165,460	165,627	165,774	165,941	166,145	166,349	166,546	166,695	166,884	167,095	167,277	167,441
Civilian labor force	105,067	105,543	105,681	106,177	106,722	107,406	106,176	106,464	106,602	106,236	106,736	107,029	106,650
Percent of civilian population	63.6	63.8	63.8	64.0	64.3	64.6	63.8	63.9	64.0	63.7	63.9	64.0	63.7
Employed	97,282	97,696	97,927	98,412	98,976	99,235	98,392	98,962	98,944	98,270	98,217	98,025	97,188
Percent of total population	58.1	58.3	58.4	58.6	58.9	59.0	58.4	58.7	58.6	58.1	58.0	57.9	57.3
Agriculture	3,394	3,403	3,281	3,276	3,463	3,353	3,265	3,258	3,370	3,310	3,337	3,363	3,115
Nonagricultural industries	93,888	94,294	94,646	95,136	95,513	95,882	95,127	95,704	95,574	94,959	94,880	94,662	94,072
Unemployed	7,785	7,847	7,754	7,764	7,746	8,171	7,784	7,502	7,657	7,966	8,520	9,004	9,462
Unemployment rate	7.4	7.4	7.3	7.3	7.3	7.6	7.3	7.0	7.2	7.5	8.0	8.4	8.9
Not in labor force	60,205	59,917	59,946	59,598	59,219	58,739	60,173	60,082	60,093	60,648	60,359	60,248	60,791
Males, 20 years and over													
Total noninstitutional population [1]	71,875	71,980	72,070	72,155	72,249	72,359	72,474	72,586	72,687	72,798	72,915	73,020	73,121
Civilian noninstitutional population [1]	70,198	70,320	70,413	70,481	70,574	70,687	70,788	70,894	70,978	71,086	71,208	71,331	71,427
Civilian labor force	55,470	55,443	55,445	55,816	56,013	56,395	55,876	55,957	56,045	56,063	56,100	56,194	56,326
Percent of civilian population	79.0	78.8	78.7	79.2	79.4	79.8	78.9	78.9	79.0	78.9	78.8	78.8	78.9
Employed	52,085	52,091	52,138	52,511	52,750	52,849	52,451	52,811	52,724	52,608	52,327	52,151	51,841
Percent of total population	72.4	72.4	72.3	72.8	73.0	73.0	72.4	72.8	72.5	72.3	71.8	71.4	70.9
Agriculture	2,331	2,378	2,289	2,296	2,409	2,349	2,320	2,329	2,402	2,343	2,388	2,358	2,256
Nonagricultural industries	49,714	49,713	49,844	50,215	50,342	50,500	50,131	50,482	50,323	50,264	49,939	49,794	49,585
Unemployed	3,425	3,352	3,312	3,305	3,262	3,546	3,425	3,147	3,321	3,455	3,773	4,043	4,485
Unemployment rate	6.2	6.0	6.0	5.9	5.8	6.3	6.1	5.6	5.9	6.2	6.7	7.2	8.0
Not in labor force	14,728	14,877	14,968	14,665	14,561	14,292	14,912	14,937	14,933	15,023	15,108	15,137	15,101
Females, 20 years and over													
Total noninstitutional population [1]	79,097	79,212	79,315	79,415	79,522	79,642	79,766	79,889	79,999	80,122	80,248	80,366	80,477
Civilian noninstitutional population [1]	78,959	79,071	79,175	79,277	79,377	79,498	79,617	79,739	79,848	79,968	80,095	80,211	80,321
Civilian labor force	40,570	40,942	41,090	41,293	41,481	41,852	41,743	41,879	41,857	41,395	41,911	42,113	41,883
Percent of civilian population	51.4	51.8	51.9	52.1	52.3	52.6	52.4	52.5	52.4	51.8	52.3	52.5	52.1
Employed	37,820	38,191	38,410	38,567	38,760	39,014	39,011	39,082	39,155	38,576	38,958	39,050	38,737
Percent of total population	47.8	48.2	48.4	48.6	48.7	49.0	48.9	48.9	48.9	48.1	48.5	48.6	48.1
Agriculture	665	621	615	606	603	583	562	575	601	603	583	655	548
Nonagricultural industries	37,155	37,570	37,794	37,961	38,157	38,431	38,449	38,507	38,554	37,973	38,376	38,395	38,190
Unemployed	2,750	2,750	2,680	2,725	2,721	2,838	2,731	2,797	2,701	2,819	2,953	3,062	3,145
Unemployment rate	6.8	6.7	6.5	6.6	6.6	6.8	6.5	6.7	6.5	6.8	7.0	7.3	7.5
Not in labor force	38,389	38,129	38,085	37,978	37,896	37,646	37,874	37,860	37,991	38,573	38,184	38,098	38,438
Both sexes, 16-19 years													
Total noninstitutional population [1]	16,424	16,393	16,362	16,331	16,300	16,270	16,240	16,210	16,169	16,129	16,089	16,049	16,008
Civilian noninstitutional population [1]	16,114	16,069	16,039	16,022	15,991	15,961	15,944	15,913	15,869	15,831	15,792	15,735	15,693
Civilian labor force	9,027	9,158	9,146	9,068	9,228	9,159	8,558	8,628	8,700	8,778	8,724	8,722	8,441
Percent of civilian population	56.0	57.0	57.0	56.6	57.7	57.4	53.7	54.2	54.8	55.4	55.2	55.4	53.8
Employed	7,417	7,414	7,384	7,334	7,465	7,372	6,930	7,069	7,065	7,086	6,931	6,823	6,609
Percent of total population	45.2	45.2	45.1	44.9	45.8	45.3	42.7	43.6	43.7	43.9	43.1	42.5	41.3
Agriculture	398	404	376	374	451	421	383	354	368	364	366	350	312
Nonagricultural industries	7,019	7,010	7,008	6,960	7,014	6,951	6,547	6,715	6,697	6,722	6,565	6,473	6,297
Unemployed	1,610	1,744	1,762	1,734	1,763	1,787	1,628	1,559	1,635	1,692	1,793	1,899	1,832
Unemployment rate	17.8	19.0	19.3	19.1	19.1	19.5	19.0	18.1	18.8	19.3	20.6	21.8	21.7
Not in labor force	7,087	6,911	6,893	6,954	6,763	6,802	7,386	7,285	7,169	7,053	7,068	7,013	7,252

[1] The population and Armed Forces figures are not adjusted for seasonal variations.

NOTE: Detail for the household data shown in tables A-33 through A-42 will not necessarily add to totals, because of the independent seasonal adjustment of the various series.

HOUSEHOLD DATA
SEASONALLY ADJUSTED

A-34. Full- and part-time status of the civilian labor force, seasonally adjusted

[Numbers in thousands]

Full- and part-time status	1980	1981											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
FULL TIME													
Total, 16 years and over:													
Civilian labor force	90,040	90,393	90,239	90,556	90,938	91,763	90,448	91,019	90,612	90,834	91,340	91,619	91,69
Employed	83,491	83,933	83,844	84,149	84,645	85,073	84,126	84,918	84,510	84,328	84,311	84,216	83,67
Unemployed	6,549	6,460	6,396	6,407	6,293	6,690	6,322	6,101	6,102	6,506	7,029	7,403	8,01
Unemployment rate	7.3	7.1	7.1	7.1	6.9	7.3	7.0	6.7	6.7	7.2	7.7	8.1	8.
PART TIME													
Total, 16 years and over:													
Civilian labor force	15,023	15,166	15,410	15,504	15,805	15,693	15,780	15,446	15,925	15,334	15,401	15,430	14,98
Employed	13,798	13,775	14,005	14,108	14,376	14,171	14,325	14,008	14,376	13,867	13,938	13,850	13,61
Unemployed	1,225	1,390	1,405	1,396	1,429	1,522	1,455	1,439	1,549	1,467	1,463	1,580	1,37
Unemployment rate	8.2	9.2	9.1	9.0	9.0	9.7	9.2	9.3	9.7	9.6	9.5	10.2	9.

NOTE: Persons on part-time schedules for economic reasons are included in the full-time employed category; unemployed persons are allocated by whether seeking full- or part-time work.

A-35. Employment status by race, sex, and age, seasonally adjusted

[Numbers in thousands]

Race, sex, and age	1980	1981											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec
WHITE													
Total, 16 years and over:													
Civilian labor force	92,383	92,832	93,035	93,313	93,860	94,506	93,464	93,767	93,789	93,355	93,845	94,045	93,4
Employed	86,377	86,620	86,940	87,291	87,791	88,083	87,500	87,979	88,046	87,329	87,344	87,058	86,3
Unemployed	6,006	6,213	6,095	6,022	6,069	6,422	5,964	5,787	5,743	6,026	6,501	6,987	7,3
Unemployment rate	6.5	6.7	6.6	6.5	6.5	6.8	6.4	6.2	6.1	6.5	6.9	7.4	7
Males, 20 years and over:													
Civilian labor force	49,449	49,426	49,420	49,695	49,947	50,227	49,878	49,952	49,898	49,888	49,932	50,010	50,
Employed	46,728	46,704	46,757	47,030	47,330	47,427	47,217	47,501	47,338	47,231	46,983	46,837	46,5
Unemployed	2,721	2,722	2,664	2,664	2,618	2,799	2,661	2,451	2,561	2,658	2,949	3,173	3,5
Unemployment rate	5.5	5.5	5.4	5.4	5.2	5.6	5.3	4.9	5.1	5.3	5.9	6.3	7
Females, 20 years and over:													
Civilian labor force	34,910	35,313	35,423	35,529	35,727	36,149	35,980	36,106	36,047	35,643	36,180	36,275	36,0
Employed	32,858	33,180	33,421	33,539	33,679	33,987	33,935	34,011	34,087	33,603	33,990	33,963	33,6
Unemployed	2,052	2,133	2,002	1,990	2,048	2,162	2,045	2,095	1,960	2,040	2,190	2,313	2,3
Unemployment rate	5.9	6.0	5.7	5.6	5.7	6.0	5.7	5.8	5.4	5.7	6.1	6.4	6
Both sexes, 16 to 19 years:													
Civilian labor force	8,024	8,093	8,191	8,089	8,186	8,130	7,606	7,709	7,843	7,823	7,733	7,760	7,5
Employed	6,791	6,735	6,762	6,721	6,782	6,669	6,348	6,467	6,621	6,495	6,371	6,259	6,0
Unemployed	1,233	1,358	1,429	1,368	1,404	1,461	1,258	1,242	1,222	1,328	1,362	1,501	1,4
Unemployment rate	15.4	16.8	17.4	16.9	17.2	18.0	16.5	16.1	15.6	17.0	17.6	19.3	19
BLACK AND OTHER													
Total, 16 years and over:													
Civilian labor force	12,668	12,684	12,598	12,765	12,899	12,895	12,741	12,658	12,793	12,872	12,913	12,951	12,9
Employed	10,895	11,051	10,942	11,020	11,193	11,138	10,928	10,939	10,877	10,924	10,905	10,904	10,8
Unemployed	1,773	1,634	1,655	1,745	1,706	1,757	1,813	1,719	1,916	1,948	2,008	2,007	2,0
Unemployment rate	14.0	12.9	13.1	13.7	13.2	13.6	14.2	13.6	15.0	15.1	15.5	15.5	16
Males, 20 years and over:													
Civilian labor force	6,015	5,996	6,007	6,072	6,081	6,153	6,046	6,028	6,136	6,170	6,157	6,148	6,1
Employed	5,315	5,367	5,355	5,414	5,437	5,425	5,288	5,326	5,373	5,366	5,337	5,289	5,2
Unemployed	700	628	651	658	644	727	758	702	763	804	820	859	9
Unemployment rate	11.6	10.5	10.8	10.8	10.6	11.8	12.5	11.6	12.4	13.0	13.3	14.0	15
Females, 20 years and over:													
Civilian labor force	5,654	5,638	5,645	5,708	5,764	5,724	5,759	5,729	5,751	5,767	5,787	5,837	5,8
Employed	4,956	5,016	4,976	4,988	5,083	5,036	5,065	5,040	5,012	4,974	5,015	5,088	5,0
Unemployed	698	621	669	720	681	688	694	689	739	793	772	749	7
Unemployment rate	12.3	11.0	11.9	12.6	11.8	12.0	12.0	12.0	12.8	13.7	13.3	12.8	13
Both sexes, 16 to 19 years:													
Civilian labor force	999	1,051	946	985	1,054	1,018	936	901	906	935	970	966	9
Employed	624	667	611	618	673	676	575	573	492	584	554	567	5
Unemployed	375	384	335	367	381	342	361	328	414	351	416	399	3
Unemployment rate	37.5	36.5	35.4	37.3	36.1	33.6	38.6	36.4	45.7	37.5	42.9	41.3	39

A-36. Major unemployment indicators, seasonally adjusted

[Unemployment rates]

Category	1980	1981											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
CHARACTERISTIC													
Total (all civilian workers)	7.4	7.4	7.3	7.3	7.3	7.6	7.3	7.8	7.2	7.5	8.0	8.4	8.9
Males, 20 years and over	6.2	6.0	6.0	5.9	5.8	6.3	6.1	5.6	5.9	6.2	6.7	7.2	8.0
Females, 20 years and over	6.8	6.7	6.5	6.6	6.6	6.8	6.5	6.7	6.5	6.8	7.0	7.3	7.5
Both sexes, 16-19 years	17.8	19.0	19.3	19.1	19.1	19.5	19.0	18.1	18.8	19.3	20.6	21.8	21.7
White	6.5	6.7	6.6	6.5	6.5	6.8	6.4	6.2	6.1	6.5	6.9	7.4	7.8
Black and other	14.0	12.9	13.1	13.7	13.2	13.6	14.2	13.6	15.0	15.1	15.5	15.5	16.1
Married men, spouse present	4.3	4.2	4.1	4.1	3.8	4.1	4.2	3.9	3.9	4.3	4.7	5.1	5.8
Married women, spouse present	5.8	6.2	5.8	6.0	5.9	5.9	5.6	5.6	5.3	5.9	6.1	6.6	6.7
Women who maintain families	10.4	10.5	9.6	9.4	9.8	10.3	10.6	11.5	9.8	10.4	10.7	10.9	10.6
Full-time workers	7.3	7.1	7.1	7.1	6.9	7.3	7.0	6.7	6.7	7.2	7.7	8.1	8.7
Part-time workers	8.2	9.2	9.1	9.0	9.0	9.7	9.2	9.3	9.7	9.6	9.5	10.2	9.2
Unemployed 15 weeks and over[1]	2.3	2.2	2.1	2.1	2.0	2.0	2.2	2.0	2.1	2.1	2.1	2.2	2.2
Labor force time lost[2]	8.2	8.2	8.1	8.1	8.2	8.6	8.0	7.9	7.9	8.5	9.1	9.4	10.1
OCCUPATION													
White-collar workers	4.0	3.9	3.7	3.9	4.0	4.1	3.8	4.1	3.9	4.1	4.1	4.2	4.6
Professional and technical	2.6	2.8	2.6	2.7	3.2	2.9	2.8	2.8	2.4	2.8	2.6	2.7	3.5
Managers and administrators, except farm	2.5	2.4	2.4	2.6	2.4	2.7	2.8	2.7	2.8	2.7	2.7	3.0	3.1
Sales workers	4.7	4.4	4.0	3.8	4.0	4.6	4.1	5.1	4.7	5.2	4.9	5.2	4.9
Clerical workers	5.8	5.7	5.3	5.9	5.6	5.6	5.3	5.7	5.6	5.7	6.1	6.1	6.3
Blue-collar workers	10.5	10.2	10.1	9.8	9.6	10.0	9.8	9.4	9.3	10.2	11.0	11.8	12.9
Craft and kindred workers	7.1	6.8	7.2	7.1	6.8	7.7	7.2	6.7	6.9	7.6	8.4	8.4	9.5
Operatives, except transport	12.9	12.1	11.9	11.3	11.5	11.9	11.0	11.1	11.0	11.5	12.8	14.2	15.6
Transport equipment operatives	8.8	9.1	8.3	9.3	8.1	8.2	8.4	6.9	7.9	8.9	7.9	10.7	10.4
Nonfarm laborers	14.8	15.0	14.9	14.1	13.8	13.1	14.8	14.2	12.9	14.4	15.7	16.2	17.2
Service workers	7.8	8.0	8.7	8.1	8.5	9.4	9.0	8.0	8.9	8.9	9.3	9.8	9.4
Farm workers	4.0	5.0	4.7	5.1	3.7	5.4	6.0	4.5	5.6	3.7	6.1	6.1	6.2
INDUSTRY													
Nonagricultural private wage and salary workers[3]	7.7	7.5	7.5	7.3	7.2	7.8	7.4	7.2	7.2	7.6	8.1	8.5	9.2
Construction	13.8	13.3	13.2	14.7	14.4	16.3	16.6	15.0	16.7	16.3	18.0	18.2	18.1
Manufacturing	8.8	8.4	8.4	8.0	7.4	7.9	7.6	7.3	7.0	7.8	8.6	9.4	11.0
Durable goods	9.0	8.3	8.5	7.9	7.3	7.3	7.4	7.3	6.4	7.6	8.6	9.4	11.8
Nondurable goods	8.5	8.5	8.2	8.3	7.6	8.9	7.8	7.3	7.9	8.0	8.6	9.5	9.7
Transportation	4.9	5.8	5.5	6.4	5.7	5.9	4.7	4.0	4.8	4.0	4.6	5.5	6.2
Wholesale and retail trade	8.3	7.6	7.6	7.3	7.3	8.4	7.5	7.9	7.8	8.6	8.3	8.7	9.1
Finance and service industries	5.5	5.8	6.0	5.6	5.9	5.9	5.8	5.6	5.6	5.9	6.3	6.1	6.5
Government workers	4.1	4.4	4.3	4.6	4.9	4.8	4.5	4.5	4.4	4.6	4.6	5.3	5.0
Agricultural wage and salary workers	10.6	11.5	12.1	11.9	9.1	11.1	13.1	10.3	12.6	10.6	13.3	14.4	14.7

[1] Unemployment as a percent of the civilian labor force.

[2] Aggregate hours lost by the unemployed and persons on part time for economic reasons as a percent of potentially available labor force hours.

[3] Includes mining, not shown separately.

A-37. Unemployed persons by duration of unemployment, seasonally adjusted

[Numbers in thousands]

Weeks of unemployment	1980	1981											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
DURATION													
Less than 5 weeks	3,115	3,259	3,203	3,209	3,074	3,369	3,172	3,187	3,161	3,383	3,652	3,815	4,067
5 to 14 weeks	2,217	2,264	2,324	2,356	2,462	2,581	2,360	2,196	2,345	2,489	2,605	2,861	3,052
15 weeks and over	2,378	2,358	2,250	2,192	2,105	2,168	2,315	2,100	2,194	2,212	2,251	2,330	2,338
15 to 26 weeks	1,231	1,079	992	1,013	1,001	1,022	1,205	1,068	1,059	1,151	1,156	1,213	1,157
27 weeks and over	1,147	1,279	1,257	1,179	1,104	1,146	1,110	1,032	1,135	1,061	1,095	1,117	1,181
Average (mean) duration, in weeks	13.5	14.4	14.4	14.0	13.7	13.2	14.2	13.9	14.5	13.7	13.7	13.2	12.8
Median duration, in weeks	7.3	7.4	6.9	7.0	7.7	7.1	6.7	7.0	7.0	7.0	6.7	6.9	6.6
PERCENT DISTRIBUTION													
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5 weeks	40.4	41.3	41.2	41.4	40.2	41.5	40.4	42.6	41.0	41.8	42.9	42.4	43.0
5 to 14 weeks	28.8	28.7	29.9	30.4	32.2	31.8	30.1	29.3	30.5	30.8	30.6	31.8	32.3
15 weeks and over	30.8	29.9	28.9	28.3	27.6	26.7	29.5	28.1	28.5	27.4	26.5	25.9	24.7
15 to 26 weeks	16.0	13.7	12.8	13.1	13.1	12.6	15.4	14.3	13.8	14.2	13.6	13.5	12.2
27 weeks and over	14.9	16.2	16.2	15.2	14.5	14.1	14.1	13.8	14.7	13.1	12.9	12.4	12.5

HOUSEHOLD DATA
SEASONALLY ADJUSTED

A-38. Unemployment rates by sex and age, seasonally adjusted

Sex and age	1980	1981										
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total, 16 years and over	7.4	7.4	7.3	7.3	7.3	7.6	7.3	7.0	7.2	7.5	8.0	8.4	8.9
16 to 19 years	17.8	19.0	19.3	19.1	19.1	19.5	19.0	18.1	18.8	19.3	20.6	21.8	21.7
16 to 17 years	19.9	21.0	21.4	21.3	22.0	21.6	22.6	19.3	20.5	21.2	21.4	23.1	22.1
18 to 19 years	16.4	17.5	17.9	17.7	17.2	18.2	17.3	17.7	17.4	18.1	19.9	20.7	21.4
20 to 24 years	11.7	11.9	11.8	11.7	12.1	12.9	12.1	11.3	11.8	12.1	12.8	13.0	13.7
25 years and over	5.3	5.3	5.1	5.2	5.0	5.3	5.2	5.1	5.1	5.4	5.8	6.1	6.5
25 to 54 years	5.8	5.7	5.5	5.5	5.4	5.6	5.6	5.4	5.4	5.8	6.1	6.6	7.1
55 years and over	3.5	3.5	3.6	3.7	3.3	3.3	3.4	3.5	3.5	3.8	3.9	3.7	4.2
Males, 16 years and over	7.2	7.2	7.1	7.0	6.9	7.4	7.1	6.6	7.0	7.2	7.7	8.3	9.1
16 to 19 years	19.0	20.3	20.1	19.5	19.3	20.2	19.8	18.4	19.7	19.3	19.7	22.0	22.8
16 to 17 years	20.5	23.0	22.1	21.1	22.7	22.7	24.4	19.8	21.5	21.2	20.6	23.0	23.0
18 to 19 years	17.8	18.5	18.7	18.6	17.0	18.3	18.1	17.8	18.1	18.1	19.1	21.2	22.6
20 to 24 years	12.5	12.8	12.7	13.0	13.2	14.2	12.8	11.3	12.7	12.9	13.9	14.6	14.9
25 years and over	4.9	4.9	4.8	4.7	4.6	4.8	5.0	4.7	4.8	5.0	5.5	5.8	6.5
25 to 54 years	5.4	5.2	5.2	5.1	4.9	5.1	5.3	4.9	5.0	5.5	5.9	6.4	7.1
55 years and over	3.3	3.4	3.4	3.2	3.1	3.4	3.5	3.4	3.4	3.5	3.8	3.6	4.5
Females, 16 years and over	7.7	7.7	7.6	7.7	7.7	7.9	7.6	7.7	7.5	7.9	8.3	8.5	8.6
16 to 19 years	16.5	17.5	18.4	18.7	18.9	18.7	18.2	17.7	17.8	19.3	21.5	21.5	20.4
16 to 17 years	19.3	18.7	20.5	21.6	21.1	20.4	20.6	18.7	19.5	21.1	22.4	23.3	20.9
18 to 19 years	14.8	16.4	17.0	16.5	17.4	18.2	16.4	17.5	16.8	18.1	20.8	20.1	20.0
20 to 24 years	10.8	10.8	10.8	10.1	10.9	11.4	11.2	11.3	10.8	11.2	11.5	11.2	12.2
25 years and over	5.9	5.8	5.6	5.9	5.6	5.9	5.6	5.7	5.5	5.9	6.1	6.4	6.5
25 to 54 years	6.3	6.3	5.9	6.2	6.0	6.4	6.0	6.1	5.9	6.3	6.5	6.9	7.0
55 years and over	3.9	3.6	3.9	4.5	3.7	3.3	3.3	3.7	3.6	4.4	4.1	3.8	3.8

A-39. Unemployed persons by reason for unemployment, seasonally adjusted

(Numbers in thousands)

Reason for unemployment	1980	1981										
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
NUMBER OF UNEMPLOYED													
Both sexes, 16 years and over	4,226	3,847	3,896	3,846	3,819	4,084	4,219	3,691	3,929	4,338	4,422	4,786	5,307
Job losers	1,470	1,258	1,267	1,299	1,280	1,368	1,367	1,178	1,205	1,412	1,607	1,790	2,064
On layoff	2,756	2,590	2,629	2,547	2,539	2,715	2,852	2,513	2,724	2,925	2,815	2,996	3,243
Other job losers	813	907	884	863	854	1,009	853	898	838	889	962	886	877
Job leavers	1,869	2,039	1,970	2,040	2,017	2,126	1,955	2,022	1,939	1,949	2,172	2,311	2,199
Reentrants	868	1,080	928	986	987	938	956	873	944	953	987	977	1,017
New entrants													
PERCENT DISTRIBUTION													
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers	54.3	49.4	50.7	49.7	49.7	50.1	52.8	49.3	51.4	53.4	51.8	53.4	56.5
On layoff	18.9	16.1	16.5	16.8	16.7	16.8	17.1	15.7	15.7	17.4	18.8	20.0	22.0
Other job losers	35.4	33.2	34.2	32.9	33.1	33.3	35.7	33.6	35.6	36.0	33.0	33.4	34.5
Job leavers	10.5	11.6	11.5	11.2	11.1	12.4	10.8	12.0	11.0	10.9	11.3	9.9	9.3
Reentrants	24.0	26.2	25.7	26.4	26.3	26.1	24.5	27.0	25.4	24.0	25.4	25.8	23.4
New entrants	11.2	12.8	12.1	12.7	12.9	11.5	12.0	11.7	12.3	11.7	11.6	10.9	10.8
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE													
Job losers	4.0	3.6	3.7	3.6	3.6	3.8	4.0	3.5	3.7	4.1	4.1	4.5	5.0
Job leavers	.8	.9	.8	.8	.8	.9	.8	.8	.8	.8	.9	.8	.8
Reentrants	1.8	1.9	1.9	1.9	1.9	2.0	1.8	1.9	1.8	1.8	2.0	2.2	2.1
New entrants	.8	.9	.9	.9	.9	.9	.9	.8	.9	.9	.9	.9	1.0

A-40. Employed persons by sex and age, seasonally adjusted

(In thousands)

Sex and age	1980	1981											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total, 16 years and over	97,282	97,696	97,927	98,412	98,976	99,235	98,392	98,962	98,944	98,270	98,217	98,025	97,188
16 to 19 years	7,417	7,414	7,384	7,334	7,465	7,372	6,930	7,069	7,065	7,086	6,931	6,823	6,609
16 to 17 years	2,906	2,937	2,927	2,908	2,964	2,893	2,616	2,746	2,766	2,791	2,688	2,688	2,600
18 to 19 years	4,506	4,467	4,441	4,411	4,487	4,464	4,281	4,287	4,315	4,329	4,234	4,153	4,027
20 to 24 years	13,633	13,725	13,661	13,684	13,711	13,704	13,576	13,815	13,743	13,615	13,608	13,460	13,413
25 years and over	76,242	76,611	76,847	77,367	77,735	78,151	77,980	78,120	78,090	77,546	77,720	77,644	77,171
25 to 54 years	62,142	62,482	62,676	63,019	63,423	63,701	63,611	63,803	63,882	63,461	63,580	63,609	63,218
55 years and over	14,095	14,108	14,186	14,314	14,360	14,447	14,319	14,312	14,242	14,090	14,101	14,050	14,025
Males, 16 years and over	55,920	56,012	56,045	56,383	56,688	56,718	56,026	56,494	56,368	56,349	56,046	55,783	55,341
16 to 19 years	3,875	3,921	3,912	3,872	3,937	3,869	3,575	3,684	3,643	3,742	3,719	3,632	3,500
16 to 17 years	1,555	1,562	1,581	1,545	1,551	1,500	1,354	1,443	1,441	1,515	1,495	1,459	1,393
18 to 19 years	2,317	2,347	2,323	2,321	2,373	2,367	2,203	2,226	2,219	2,260	2,218	2,179	2,116
20 to 24 years	7,245	7,253	7,223	7,239	7,238	7,239	7,179	7,392	7,293	7,260	7,164	7,063	7,091
25 years and over	44,806	44,862	44,896	45,266	45,464	45,563	45,309	45,425	45,448	45,323	45,196	45,053	44,739
25 to 54 years	36,131	36,204	36,206	36,488	36,707	36,840	36,676	36,773	36,851	36,788	36,635	36,578	36,252
55 years and over	8,682	8,645	8,693	8,758	8,780	8,760	8,634	8,661	8,592	8,554	8,511	8,483	8,501
Females, 16 years and over	41,362	41,684	41,882	42,029	42,288	42,517	42,366	42,467	42,577	41,920	42,171	42,241	41,847
16 to 19 years	3,542	3,493	3,472	3,462	3,528	3,503	3,355	3,385	3,421	3,344	3,212	3,191	3,109
16 to 17 years	1,351	1,375	1,346	1,363	1,413	1,393	1,262	1,303	1,325	1,276	1,193	1,229	1,207
18 to 19 years	2,189	2,123	2,118	2,090	2,114	2,097	2,078	2,061	2,096	2,069	2,016	1,974	1,911
20 to 24 years	6,388	6,472	6,438	6,444	6,473	6,464	6,397	6,424	6,450	6,355	6,444	6,397	6,322
25 years and over	31,436	31,749	31,950	32,101	32,271	32,588	32,671	32,695	32,642	32,223	32,524	32,591	32,431
25 to 54 years	26,011	26,278	26,471	26,532	26,715	26,861	26,934	27,030	27,032	26,673	26,945	27,031	26,966
55 years and over	5,413	5,463	5,493	5,556	5,580	5,687	5,686	5,651	5,650	5,536	5,590	5,567	5,523

A-41. Unemployed persons by sex and age, seasonally adjusted

(In thousands)

Sex and age	1980	1981											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total, 16 years and over	7,785	7,847	7,754	7,764	7,746	8,171	7,784	7,502	7,657	7,966	8,520	9,004	9,462
16 to 19 years	1,610	1,744	1,762	1,734	1,763	1,787	1,628	1,559	1,635	1,692	1,793	1,899	1,832
16 to 17 years	723	783	796	789	834	798	766	656	715	749	732	808	736
18 to 19 years	881	949	967	946	929	995	894	919	912	954	1,053	1,084	1,097
20 to 24 years	1,809	1,845	1,831	1,810	1,890	2,032	1,866	1,759	1,844	1,877	1,992	2,015	2,123
25 years and over	4,302	4,269	4,171	4,233	4,101	4,343	4,313	4,203	4,160	4,418	4,743	5,034	5,399
25 to 54 years	3,835	3,766	3,647	3,683	3,587	3,810	3,768	3,642	3,640	3,906	4,163	4,525	4,805
55 years and over	512	507	528	552	496	499	505	523	512	561	578	538	617
Males, 16 years and over	4,334	4,353	4,293	4,245	4,205	4,527	4,309	3,979	4,216	4,349	4,688	5,068	5,518
16 to 19 years	909	1,001	981	940	943	981	884	832	895	894	915	1,025	1,033
16 to 17 years	400	466	449	414	455	440	428	356	395	407	388	435	417
18 to 19 years	501	533	534	532	485	529	486	481	489	498	523	587	619
20 to 24 years	1,032	1,061	1,052	1,085	1,097	1,198	1,056	940	1,063	1,074	1,158	1,208	1,243
25 years and over	2,324	2,306	2,283	2,235	2,175	2,312	2,383	2,220	2,270	2,395	2,624	2,790	3,132
25 to 54 years	2,073	1,992	1,977	1,942	1,874	1,962	2,039	1,898	1,959	2,126	2,295	2,514	2,764
55 years and over	292	305	303	293	280	306	313	306	300	308	339	317	397
Females, 16 years and over	3,451	3,493	3,461	3,519	3,541	3,644	3,475	3,524	3,441	3,617	3,831	3,936	3,944
16 to 19 years	701	743	781	794	820	806	744	727	740	798	878	874	799
16 to 17 years	323	317	347	375	379	358	328	300	320	342	344	373	319
18 to 19 years	380	416	433	414	440	446	408	438	423	456	530	497	478
20 to 24 years	777	785	779	726	793	833	810	818	781	803	834	807	880
25 years and over	1,978	1,962	1,887	1,998	1,926	2,031	1,930	1,983	1,890	2,023	2,120	2,244	2,267
25 to 54 years	1,762	1,774	1,670	1,741	1,712	1,849	1,730	1,744	1,681	1,780	1,868	2,011	2,041
55 years and over	220	201	225	259	216	193	191	217	212	253	239	222	220

HOUSEHOLD DATA
SEASONALLY ADJUSTED

A-42. Employed persons by selected social and economic categories, seasonally adjusted

[In thousands]

Category	1980	1981											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
CHARACTERISTIC													
Total, 16 years and over	97,282	97,696	97,927	98,412	98,976	99,235	98,392	98,962	98,944	98,270	98,217	98,025	97,188
Married men, spouse present	38,231	38,182	38,113	38,365	38,510	38,498	38,216	38,283	38,315	38,169	38,059	37,798	37,557
Married women, spouse present	23,363	23,352	23,356	23,513	23,529	23,831	23,763	23,820	23,683	23,174	23,399	23,326	23,125
OCCUPATION													
White-collar workers	51,965	51,594	51,698	51,746	51,801	51,967	51,959	51,857	52,123	51,826	52,104	51,935	51,792
Professional and technical	15,810	15,965	15,813	15,827	15,754	15,688	16,057	15,966	16,299	16,254	16,347	16,284	16,414
Managers and administrators, except farm	11,009	11,363	11,488	11,565	11,444	11,260	11,174	11,418	11,217	11,341	11,434	11,210	11,078
Sales workers	6,175	6,265	6,271	6,220	6,145	6,461	6,440	6,220	6,369	6,295	6,225	6,269	6,302
Clerical workers	18,071	18,001	18,125	18,135	18,457	18,557	18,288	18,254	18,238	17,937	18,099	18,172	18,001
Blue-collar workers	30,373	30,338	30,446	30,594	31,156	31,373	30,922	31,038	31,113	30,637	30,222	29,904	29,513
Craft and kindred workers	12,337	12,306	12,386	12,605	12,624	12,743	12,482	12,575	12,508	12,202	12,124	12,096	12,154
Operatives, except transport	10,194	10,331	10,390	10,189	10,524	10,609	10,550	10,567	10,501	10,334	10,187	9,913	9,858
Transport equipment operatives	3,402	3,322	3,361	3,363	3,411	3,390	3,425	3,481	3,499	3,453	3,530	3,364	3,296
Nonfarm laborers	4,440	4,380	4,309	4,437	4,596	4,632	4,466	4,415	4,605	4,649	4,381	4,531	4,205
Service workers	12,982	12,946	13,070	13,279	13,255	13,213	12,930	13,284	13,002	13,093	13,231	13,419	13,358
Farm workers	2,804	2,737	2,662	2,679	2,834	2,707	2,648	2,689	2,732	2,717	2,752	2,791	2,568
MAJOR INDUSTRY AND CLASS OF WORKER													
Agriculture:													
Wage and salary workers	1,411	1,465	1,336	1,338	1,524	1,464	1,377	1,457	1,472	1,416	1,470	1,395	1,295
Self-employed workers	1,655	1,615	1,610	1,615	1,648	1,644	1,657	1,568	1,629	1,649	1,616	1,631	1,580
Unpaid family workers	305	284	325	312	290	231	258	235	250	254	264	333	227
Nonagricultural industries:													
Wage and salary workers	86,513	87,125	87,236	87,870	88,195	88,877	87,734	88,291	88,189	87,457	87,556	87,265	86,827
Government	15,653	15,738	15,589	15,685	15,628	15,512	15,460	15,349	15,140	15,111	15,151	15,066	15,310
Private industries	70,860	71,387	71,647	72,185	72,567	73,365	72,274	72,942	73,048	72,346	72,405	72,199	71,517
Private households	1,110	1,197	1,176	1,235	1,241	1,164	1,146	1,211	1,236	1,052	1,114	1,173	1,270
Other industries	69,750	70,190	70,471	70,949	71,327	72,201	71,128	71,731	71,812	71,294	71,291	71,026	70,248
Self-employed workers	6,973	6,839	6,923	6,896	7,021	6,761	7,005	6,886	6,942	7,093	7,033	7,001	6,866
Unpaid family workers	396	422	371	354	306	338	369	389	378	392	448	423	400
PERSONS AT WORK[1]													
Nonagricultural industries	88,468	89,499	89,441	89,583	89,202	89,870	89,625	90,837	89,823	88,886	89,448	89,359	88,776
Full-time schedules	72,131	72,807	72,945	72,875	72,761	73,375	73,115	74,232	72,932	72,192	72,187	72,276	71,685
Part-time for economic reasons	4,218	4,474	4,145	4,227	4,044	4,143	3,798	4,225	4,187	4,537	5,026	4,988	5,350
Usually work full-time	1,647	1,698	1,622	1,638	1,517	1,630	1,367	1,632	1,654	1,675	2,023	1,898	2,153
Usually work part-time	2,571	2,776	2,523	2,589	2,527	2,513	2,431	2,593	2,533	2,862	3,003	3,090	3,197
Part time for noneconomic reasons	12,119	12,218	12,351	12,481	12,397	12,352	12,713	12,380	12,704	12,157	12,235	12,094	11,937

[1] Excludes persons "with a job but not at work" during the survey period for such reasons as vacation, illness, or industrial dispute.

A-43. Employment status of male Vietnam-era veterans and nonveterans by age

(Numbers in thousands)

Veteran status and age	Not seasonally adjusted									
	Civilian noninstitutional population		Civilian labor force							
			Total		Employed		Unemployed			
							Number		Percent of labor force	
	Dec. 1980	Dec. 1981	Dec. 1980	Dec. 1981	Dec. 1980	Dec. 1981	Dec. 1980	Dec. 1981	Dec. 1980	Dec. 1981
VETERANS										
Total, 25 years and over	8,425	8,646	7,977	8,173	7,534	7,557	443	616	5.6	7.5
25 to 39 years	7,324	7,279	7,011	6,968	6,606	6,408	405	560	5.8	8.0
25 to 29 years	1,607	1,376	1,490	1,269	1,360	1,105	130	164	8.7	12.9
30 to 34 years	3,504	3,165	3,372	3,043	3,195	2,808	177	235	5.2	7.7
35 to 39 years	2,213	2,738	2,149	2,656	2,051	2,495	98	161	4.6	6.1
40 years and over	1,101	1,367	966	1,205	928	1,149	38	56	3.9	4.6
NONVETERANS										
Total, 25 to 39 years	15,864	16,753	15,033	15,836	14,152	14,633	881	1,203	5.9	7.6
25 to 29 years	7,238	7,515	6,823	7,050	6,327	6,415	496	635	7.3	9.0
30 to 34 years	4,861	5,436	4,635	5,171	4,382	4,812	253	359	5.5	6.9
35 to 39 years	3,765	3,802	3,575	3,615	3,443	3,406	132	209	3.7	5.8

NOTE: Vietnam-era veterans are males who served in the Armed Forces between August 5, 1964 and May 7, 1975. Nonveterans are males who have never served in the Armed Forces; published data are limited to those 25 to 39 years of age, the group that most closely corresponds to the bulk of the Vietnam-era veteran population.

HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES

A-44. Employment status of the noninstitutional population by sex, age, and race, seasonally adjusted

[Numbers in thousands]

Employment status, sex, age, and race	1978	1979				1980				1981			
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
TOTAL													
Total noninstitutional population[1]	162,037	162,663	163,260	163,894	164,682	165,302	165,895	166,586	167,201	167,745	168,274	168,863	169,4
Armed Forces[1]	2,115	2,093	2,079	2,088	2,091	2,086	2,091	2,111	2,121	2,124	2,129	2,155	2,1
Civilian noninstitutional population[1]	159,922	160,570	161,181	161,806	162,591	163,216	163,804	164,475	165,079	165,620	166,145	166,708	167,2
Civilian labor force	101,526	102,328	102,378	103,204	103,741	104,217	104,693	104,982	105,173	105,800	106,768	106,434	106,6
Percent of civilian population	63.5	63.7	63.5	63.8	63.8	63.9	63.9	63.8	63.7	63.9	64.3	63.8	63
Employed	95,581	96,359	96,574	97,282	97,572	97,718	97,040	97,061	97,276	98,012	98,868	98,725	97,6
Percent of total population	59.0	59.2	59.2	59.4	59.2	59.1	58.5	58.3	58.2	58.4	58.8	58.5	5
Agriculture	3,316	3,297	3,245	3,319	3,327	3,318	3,282	3,292	3,351	3,320	3,360	3,313	3,2
Nonagricultural industries	92,265	93,062	93,329	93,963	94,245	94,400	93,758	93,769	93,925	94,692	95,507	95,412	94,3
Unemployed	5,945	5,969	5,804	5,922	6,169	6,499	7,652	7,921	7,897	7,788	7,900	7,709	8,
Unemployment rate	5.9	5.8	5.7	5.7	5.9	6.2	7.3	7.5	7.5	7.4	7.4	7.2	
Males, 20 years and over													
Total noninstitutional population[1]	69,184	69,491	69,786	70,100	70,487	70,794	71,087	71,433	71,768	72,068	72,361	72,690	73,0
Civilian noninstitutional population[1]	67,489	67,827	68,123	68,419	68,814	69,142	69,430	69,762	70,093	70,405	70,683	70,986	71,3
Civilian labor force	53,877	54,274	54,306	54,640	54,744	54,958	55,250	55,407	55,501	55,568	56,095	56,022	56,6
Percent of civilian population	79.8	80.0	79.7	79.9	79.6	79.5	79.6	79.4	79.2	78.9	79.4	78.9	7
Employed	51,682	52,082	52,191	52,426	52,360	52,310	51,810	51,776	52,005	52,245	52,683	52,714	52,7
Percent of total population	74.7	74.9	74.8	74.8	74.3	73.9	72.9	72.5	72.5	72.5	72.8	72.5	7
Agriculture	2,339	2,325	2,311	2,368	2,392	2,402	2,337	2,332	2,351	2,321	2,359	2,358	2,4
Nonagricultural industries	49,344	49,756	49,880	50,058	49,967	49,908	49,473	49,444	49,654	49,924	50,324	50,356	49,9
Unemployed	2,194	2,192	2,115	2,215	2,384	2,649	3,440	3,631	3,496	3,323	3,411	3,308	4,
Unemployment rate	4.1	4.0	3.9	4.1	4.4	4.8	6.2	6.6	6.3	6.0	6.1	5.9	
Females, 20 years and over													
Total noninstitutional population[1]	76,112	76,455	76,782	77,129	77,547	77,891	78,223	78,611	78,979	79,314	79,644	80,003	80,4
Civilian noninstitutional population[1]	76,003	76,345	76,670	77,009	77,425	77,766	78,094	78,477	78,841	79,172	79,497	79,851	80,2
Civilian labor force	38,051	38,415	38,557	39,158	39,503	39,856	40,158	40,408	40,562	41,108	41,692	41,710	41,5
Percent of civilian population	50.1	50.3	50.3	50.8	51.0	51.3	51.4	51.5	51.4	51.9	52.4	52.2	5
Employed	35,866	36,181	36,390	36,957	37,260	37,549	37,603	37,807	37,828	38,389	38,929	38,938	38,8
Percent of total population	47.1	47.3	47.4	47.9	48.0	48.2	48.1	48.1	47.9	48.4	48.9	48.7	4
Unemployed	2,185	2,234	2,167	2,202	2,243	2,307	2,554	2,600	2,734	2,719	2,763	2,772	3,
Unemployment rate	5.7	5.8	5.6	5.6	5.7	5.8	6.4	6.4	6.7	6.6	6.6	6.6	
Both sexes, 16-19 years													
Total noninstitutional population[1]	16,742	16,717	16,692	16,666	16,648	16,616	16,585	16,542	16,454	16,362	16,270	16,169	16,0
Civilian noninstitutional population[1]	16,429	16,398	16,389	16,377	16,352	16,308	16,281	16,236	16,144	16,043	15,965	15,871	15,7
Civilian labor force	9,598	9,639	9,515	9,405	9,494	9,402	9,285	9,167	9,110	9,124	8,982	8,702	8,8
Percent of civilian population	58.4	58.8	58.1	57.4	58.1	57.7	57.0	56.5	56.4	56.9	56.3	54.8	
Employed	8,032	8,096	7,993	7,900	7,952	7,859	7,627	7,477	7,443	7,377	7,256	7,073	6,9
Percent of total population	48.0	48.4	47.9	47.4	47.8	47.3	46.0	45.2	45.2	45.1	44.6	43.7	
Unemployed	1,566	1,543	1,522	1,506	1,542	1,544	1,658	1,689	1,667	1,747	1,726	1,629	1,8
Unemployment rate	16.3	16.0	16.0	16.0	16.2	16.4	17.9	18.4	18.3	19.1	19.2	18.7	
White													
Total noninstitutional population[1]	142,034	142,521	142,977	143,462	144,102	144,574	145,022	145,535	145,995	146,401	146,795	147,237	147,6
Civilian noninstitutional population[1]	140,336	140,857	141,330	141,821	142,468	142,957	143,408	143,907	144,357	144,769	145,161	145,585	146,0
Civilian labor force	89,437	90,119	90,129	90,839	91,346	91,819	92,226	92,313	92,487	93,060	93,943	93,637	93,9
Percent of civilian population	63.7	64.0	63.8	64.1	64.1	64.2	64.3	64.1	64.1	64.3	64.7	64.3	
Employed	84,895	85,552	85,715	86,254	86,591	86,784	86,216	86,150	86,386	86,950	87,791	87,785	86,8
Percent of total population	59.8	60.0	60.0	60.1	60.1	60.0	59.5	59.2	59.2	59.4	59.8	59.6	
Unemployed	4,542	4,566	4,413	4,585	4,755	5,035	6,011	6,164	6,101	6,110	6,152	5,852	6,0
Unemployment rate	5.1	5.1	4.9	5.0	5.2	5.5	6.5	6.7	6.6	6.6	6.5	6.2	
Black and other													
Total noninstitutional population[1]	20,003	20,142	20,282	20,432	20,581	20,728	20,872	21,051	21,206	21,344	21,480	21,626	21,7
Civilian noninstitutional population[1]	19,585	19,713	19,851	19,985	20,123	20,259	20,397	20,568	20,723	20,851	20,985	21,124	21,2
Civilian labor force	12,107	12,193	12,258	12,346	12,412	12,389	12,479	12,656	12,687	12,682	12,845	12,778	12,8
Percent of civilian population	61.8	61.9	61.7	61.8	61.7	61.2	61.2	61.5	61.2	60.8	61.2	60.5	
Employed	10,711	10,788	10,863	11,009	11,008	10,925	10,830	10,899	10,900	11,004	11,086	10,914	10,9
Percent of total population	53.5	53.6	53.6	53.9	53.5	52.7	51.9	51.8	51.4	51.6	51.6	50.5	
Unemployed	1,396	1,405	1,395	1,336	1,404	1,464	1,650	1,757	1,786	1,678	1,759	1,861	1,9
Unemployment rate	11.5	11.5	11.4	10.8	11.3	11.8	13.2	13.9	14.1	13.2	13.7	14.6	

[1] The population and Armed Forces figures are not adjusted for seasonal variations.

NOTE: Detail for the household data shown in tables A-44 through A-53 will not necessarily add to totals because of the independent seasonal adjustment of the various series.

A-45. Full- and part-time status of the civilian labor force by sex and age, seasonally adjusted

[Numbers in thousands]

Full- and part-time status, sex, and age	1978	1979				1980				1981			
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
FULL TIME													
Total, 16 years and over													
Civilian labor force	86,395	87,207	87,463	87,866	88,432	88,675	89,354	89,530	89,993	90,396	91,050	90,822	91,552
Employed[1]	81,837	82,585	82,965	83,261	83,595	83,506	83,073	82,964	83,413	83,975	84,614	84,585	84,069
Unemployed	4,558	4,622	4,498	4,605	4,837	5,170	6,280	6,567	6,580	6,421	6,435	6,236	7,483
Unemployment rate	5.3	5.3	5.1	5.2	5.5	5.8	7.0	7.3	7.3	7.1	7.1	6.9	8.2
Males, 20 years and over													
Civilian labor force	51,163	51,610	51,709	51,844	51,959	52,035	52,436	52,635	52,757	52,716	53,313	53,153	53,390
Employed[1]	49,156	49,585	49,762	49,814	49,749	49,564	49,202	49,178	49,433	49,562	50,112	50,094	49,554
Unemployed	2,007	2,025	1,946	2,030	2,210	2,471	3,234	3,458	3,325	3,138	3,201	3,075	3,837
Unemployment rate	3.9	3.9	3.8	3.9	4.3	4.7	6.2	6.6	6.3	6.0	6.0	5.8	7.2
Females, 20 years and over													
Civilian labor force	30,101	30,386	30,597	30,931	31,297	31,560	31,955	32,084	32,357	32,833	33,070	33,116	33,533
Employed[1]	28,414	28,634	28,868	29,203	29,541	29,744	29,876	29,955	30,070	30,550	30,818	30,880	30,949
Unemployed	1,687	1,753	1,728	1,728	1,756	1,816	2,079	2,129	2,287	2,283	2,252	2,236	2,585
Unemployment rate	5.6	5.8	5.6	5.6	5.6	5.8	6.5	6.6	7.1	7.0	6.8	6.8	7.7
Both sexes, 16–19 years													
Civilian labor force	5,131	5,212	5,158	5,091	5,176	5,081	4,962	4,812	4,878	4,864	4,666	4,536	4,628
Employed[1]	4,267	4,367	4,335	4,244	4,305	4,198	3,995	3,831	3,910	3,863	3,684	3,612	3,566
Unemployed	864	845	823	847	871	883	967	980	969	1,000	982	925	1,061
Unemployment rate	16.8	16.2	16.0	16.6	16.8	17.4	19.5	20.4	19.9	20.6	21.0	20.4	22.9
PART TIME													
Total, 16 years and over													
Civilian labor force	15,100	15,093	14,964	15,333	15,297	15,518	15,388	15,460	15,186	15,360	15,759	15,568	15,273
Employed[1]	13,738	13,736	13,648	14,013	13,989	14,175	14,020	14,115	13,876	13,963	14,291	14,083	13,801
Unemployed	1,362	1,357	1,316	1,320	1,308	1,343	1,367	1,345	1,309	1,397	1,469	1,485	1,472
Unemployment rate	9.0	9.0	8.8	8.6	8.6	8.7	8.9	8.7	8.6	9.1	9.3	9.5	9.6
Males, 20 years and over													
Civilian labor force	2,716	2,689	2,646	2,770	2,785	2,894	2,845	2,750	2,752	2,831	2,802	2,843	2,791
Employed[1]	2,535	2,481	2,476	2,580	2,617	2,709	2,651	2,576	2,582	2,632	2,603	2,607	2,560
Unemployed	181	168	170	190	168	185	194	174	170	200	199	236	231
Unemployment rate	6.7	6.3	6.4	6.8	6.0	6.4	6.8	6.3	6.2	7.1	7.1	8.3	8.3
Females, 20 years and over													
Civilian labor force	7,931	8,039	7,979	8,220	8,191	8,317	8,215	8,293	8,197	8,284	8,648	8,554	8,448
Employed[1]	7,449	7,549	7,530	7,754	7,714	7,818	7,734	7,838	7,748	7,831	8,126	8,022	7,975
Unemployed	482	490	449	466	477	499	481	455	449	452	522	531	473
Unemployment rate	6.1	6.1	5.6	5.7	5.8	6.0	5.9	5.5	5.5	5.5	6.0	6.2	5.6
Both sexes, 16–19 years													
Civilian labor force	4,452	4,405	4,339	4,343	4,321	4,307	4,328	4,417	4,236	4,245	4,309	4,171	4,035
Employed[1]	3,754	3,706	3,642	3,679	3,657	3,648	3,636	3,701	3,546	3,500	3,562	3,454	3,267
Unemployed	699	699	697	664	664	659	692	716	690	745	747	717	768
Unemployment rate	15.7	15.9	16.1	15.3	15.4	15.3	16.0	16.2	16.3	17.6	17.3	17.2	19.0

[1] Persons on part-time schedules for economic reasons are included in the full-time employed category; unemployed persons are allocated by whether seeking full- or part-time work.

HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES

A-46. Employment status by race, sex, and age, seasonally adjusted

[Numbers in thousands]

Employment status, race, sex, and age	1978	1979				1980				1981			
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
WHITE													
Total, 16 years and over:													
Civilian labor force	89,437	90,119	90,129	90,839	91,346	91,819	92,226	92,313	92,487	93,060	93,943	93,637	93,849
Employed	84,895	85,552	85,715	86,254	86,591	86,784	86,216	86,150	86,386	86,950	87,791	87,785	86,905
Unemployed	4,542	4,566	4,413	4,585	4,755	5,035	6,011	6,164	6,101	6,110	6,152	5,852	6,944
Unemployment rate	5.1	5.1	4.9	5.0	5.2	5.5	6.5	6.7	6.6	6.6	6.5	6.2	7.4
Males, 20 years and over:													
Civilian labor force	48,066	48,422	48,446	48,686	48,801	49,021	49,314	49,364	49,464	49,514	50,017	49,913	50,014
Employed	46,362	46,727	46,818	46,941	46,940	46,931	46,573	46,499	46,691	46,830	47,325	47,357	46,795
Unemployed	1,703	1,695	1,627	1,745	1,861	2,090	2,741	2,865	2,773	2,683	2,692	2,556	3,219
Unemployment rate	3.5	3.5	3.4	3.6	3.8	4.3	5.6	5.8	5.6	5.4	5.4	5.1	6.4
Females, 20 years and over:													
Civilian labor force	32,834	33,118	33,235	33,759	34,066	34,407	34,635	34,787	34,922	35,422	35,952	35,932	36,171
Employed	31,189	31,440	31,602	32,101	32,363	32,648	32,690	32,799	32,882	33,380	33,867	33,900	33,881
Unemployed	1,645	1,678	1,633	1,658	1,703	1,758	1,945	1,988	2,039	2,042	2,085	2,032	2,290
Unemployment rate	5.0	5.1	4.9	4.9	5.0	5.1	5.6	5.7	5.8	5.8	5.8	5.7	6.3
Both sexes, 16 to 19 years:													
Civilian labor force	8,537	8,579	8,448	8,394	8,480	8,392	8,277	8,163	8,102	8,124	7,974	7,792	7,664
Employed	7,344	7,386	7,295	7,212	7,289	7,204	6,952	6,852	6,813	6,739	6,600	6,528	6,228
Unemployed	1,193	1,193	1,153	1,182	1,191	1,187	1,325	1,311	1,289	1,385	1,374	1,264	1,436
Unemployment rate	14.0	13.9	13.6	14.1	14.0	14.1	16.0	16.1	15.9	17.0	17.2	16.2	18.7
BLACK AND OTHER													
Total, 16 years and over:													
Civilian labor force	12,107	12,193	12,258	12,346	12,412	12,389	12,479	12,656	12,687	12,682	12,845	12,774	12,945
Employed	10,711	10,788	10,863	11,009	11,008	10,925	10,830	10,899	10,900	11,004	11,086	10,914	10,911
Unemployed	1,396	1,405	1,395	1,336	1,404	1,464	1,650	1,757	1,786	1,678	1,759	1,861	2,034
Unemployment rate	11.5	11.5	11.4	10.8	11.3	11.8	13.2	13.9	14.1	13.2	13.7	14.6	15.7
Males, 20 years and over:													
Civilian labor force	5,806	5,839	5,878	5,956	5,934	5,922	5,948	6,047	6,029	6,025	6,093	6,111	6,161
Employed	5,319	5,338	5,397	5,481	5,415	5,357	5,258	5,277	5,310	5,379	5,383	5,355	5,291
Unemployed	487	501	482	475	519	565	689	770	719	646	710	756	871
Unemployment rate	8.4	8.6	8.2	8.0	8.8	9.5	11.6	12.7	11.9	10.7	11.7	12.4	14.1
Females, 20 years and over:													
Civilian labor force	5,237	5,289	5,329	5,382	5,455	5,448	5,529	5,599	5,651	5,663	5,749	5,749	5,823
Employed	4,700	4,736	4,786	4,840	4,918	4,906	4,910	4,987	4,958	4,993	5,062	5,009	5,057
Unemployed	537	553	543	542	538	542	620	612	693	670	687	740	767
Unemployment rate	10.3	10.4	10.2	10.1	9.9	10.0	11.2	10.9	12.3	11.8	12.0	12.9	13.2
Both sexes, 16 to 19 years:													
Civilian labor force	1,064	1,065	1,051	1,008	1,022	1,019	1,002	1,010	1,006	994	1,003	914	960
Employed	693	714	680	688	675	662	662	635	632	632	641	550	564
Unemployed	371	351	371	320	347	357	341	375	374	362	361	364	396
Unemployment rate	34.9	33.0	35.3	31.8	33.9	35.0	34.0	37.1	37.2	36.4	36.0	39.9	41.3

A-47. Major unemployment indicators, seasonally adjusted

[Unemployment rates]

Category	1978	1979				1980				1981			
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
CHARACTERISTIC													
Total (all civilian workers)	5.9	5.8	5.7	5.7	5.9	6.2	7.3	7.5	7.5	7.4	7.4	7.2	8.4
Males, 20 years and over	4.1	4.0	3.9	4.1	4.4	4.8	6.2	6.6	6.3	6.0	6.1	5.9	7.3
Females, 20 years and over	5.7	5.8	5.6	5.6	5.7	5.8	6.4	6.4	6.7	6.6	6.6	6.6	7.3
Both sexes, 16-19 years	16.3	16.0	16.0	16.0	16.2	16.4	17.9	18.4	18.3	19.1	19.2	18.7	21.3
White	5.1	5.1	4.9	5.0	5.2	5.5	6.5	6.7	6.6	6.6	6.5	6.2	7.4
Black and other	11.5	11.5	11.4	10.8	11.3	11.8	13.2	13.9	14.1	13.2	13.7	14.6	15.7
Married men, spouse present	2.6	2.7	2.6	2.8	3.0	3.4	4.4	4.8	4.4	4.1	4.0	4.0	5.2
Married women, spouse present	5.4	5.3	5.1	5.0	5.0	5.4	5.9	5.9	5.9	6.0	5.8	5.6	6.5
Women who maintain families	7.8	8.1	8.5	8.0	8.4	8.7	8.6	8.9	10.2	9.9	10.2	10.6	10.7
Full-time workers	5.3	5.3	5.1	5.2	5.5	5.8	7.0	7.3	7.3	7.1	7.1	6.9	8.2
Part-time workers	9.0	9.0	8.8	8.6	8.6	8.7	8.9	8.7	8.6	9.1	9.3	9.5	9.6
Unemployed 15 weeks and over[1]	1.2	1.2	1.2	1.1	1.2	1.3	1.6	2.0	2.2	2.1	2.1	2.0	2.2
Labor force time lost[2]	6.3	6.3	6.3	6.3	6.4	6.7	8.1	8.3	8.3	8.1	8.3	8.1	9.5
OCCUPATION													
White-collar workers	3.3	3.4	3.3	3.4	3.3	3.4	3.7	3.8	3.9	3.9	4.0	4.0	4.3
Professional and technical	2.7	2.4	2.3	2.5	2.4	2.3	2.5	2.4	2.6	2.7	3.0	2.6	2.9
Managers and administrators, except farm	2.0	2.0	2.1	2.2	2.1	2.2	2.5	2.5	2.5	2.5	2.6	2.7	2.9
Sales workers	3.8	4.0	4.0	3.9	3.9	4.2	4.4	4.3	4.7	4.1	4.2	5.0	5.0
Clerical workers	4.5	4.8	4.5	4.6	4.6	4.8	5.2	5.4	5.6	5.6	5.5	5.7	6.1
Blue-collar workers	6.7	6.7	6.6	6.9	7.5	8.1	10.5	11.1	10.7	10.0	9.8	9.6	11.9
Craft and kindred workers	4.6	4.6	4.1	4.3	4.8	5.2	7.2	7.4	7.1	7.0	7.2	7.0	8.8
Operatives, except transport	7.7	7.9	8.1	8.6	9.2	9.6	12.9	13.6	13.0	11.8	11.5	11.2	14.2
Transport equipment operatives	5.1	5.2	5.4	5.6	5.6	6.9	9.0	10.1	10.0	8.9	8.2	7.9	9.6
Nonfarm laborers	11.0	10.1	10.6	10.8	11.8	12.8	14.9	15.7	15.0	14.7	13.9	13.8	16.3
Service workers	7.4	7.5	7.1	6.9	6.8	7.0	8.0	8.3	8.1	8.3	9.0	8.6	9.5
Farm workers	3.7	3.2	3.4	4.0	4.3	4.2	4.7	4.8	4.1	5.0	5.0	4.6	6.1
INDUSTRY													
Nonagricultural private wage and salary workers[3]	5.7	5.7	5.6	5.8	5.9	6.2	7.7	7.9	7.8	7.5	7.5	7.3	8.6
Construction	11.5	10.7	9.8	9.4	10.6	11.8	15.6	16.3	14.4	13.8	15.8	16.0	18.1
Manufacturing	5.1	5.1	5.3	5.8	6.0	6.7	9.1	9.4	9.0	8.3	7.6	7.3	9.7
Durable goods	4.6	4.4	4.6	5.2	5.7	6.6	9.9	10.3	9.2	8.2	7.4	7.1	9.9
Nondurable goods	5.9	6.2	6.4	6.7	6.5	6.8	7.9	8.1	8.7	8.3	8.1	7.7	9.3
Transportation and public utilities	3.4	3.6	3.2	3.7	4.1	4.3	4.9	5.5	5.0	5.9	5.4	4.3	5.4
Wholesale and retail trade	6.7	6.5	6.4	6.4	6.4	6.5	7.4	7.7	8.1	7.5	7.7	8.1	8.7
Finance and service industries	4.9	5.0	4.8	4.9	4.7	4.8	5.4	5.5	5.5	5.8	5.9	5.7	6.3
Government workers	3.9	3.9	3.6	3.5	3.8	3.9	4.0	4.1	4.2	4.4	4.8	4.5	4.9
Agricultural wage and salary workers	8.4	8.1	8.6	9.6	9.8	10.1	11.2	11.5	10.6	11.8	11.1	11.2	14.1

[1] Unemployment as a percent of the civilian labor force.

[2] Aggregate hours lost by the unemployed and persons on part time for economic reasons as a percent of potentially available labor force hours.

[3] Includes mining, not shown separately.

HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES

A-48. Unemployed persons by duration of unemployment, seasonally adjusted

[Numbers in thousands]

Weeks of unemployment	1978	1979				1980				1981			
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
DURATION													
Both sexes, 16 years and over:													
Less than 5 weeks	2,820	2,778	2,805	2,927	2,977	3,072	3,418	3,205	3,136	3,224	3,205	3,244	3,84
5 to 14 weeks	1,863	1,916	1,830	1,871	1,947	2,112	2,591	2,589	2,414	2,315	2,468	2,363	2,83
15 weeks and over	1,247	1,261	1,184	1,130	1,216	1,336	1,687	2,127	2,333	2,266	2,196	2,169	2,30
15 to 26 weeks	717	714	671	640	693	789	978	1,233	1,233	1,028	1,076	1,093	1,17
27 weeks and over	530	547	513	490	524	548	709	894	1,100	1,238	1,120	1,076	1,13
Average (mean duration, in weeks	11.2	11.4	10.8	10.5	10.6	10.8	11.2	12.4	13.5	14.3	13.7	14.0	13.
Median duration, in weeks	5.7	5.8	5.6	5.4	5.5	5.6	6.0	7.5	7.5	7.1	7.2	7.0	6.
PERCENT DISTRIBUTION													
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
Less than 5 weeks	47.6	46.7	48.2	49.4	48.5	47.1	44.4	40.5	39.8	41.3	40.7	41.8	42.
5 to 14 weeks	31.4	32.2	31.4	31.6	31.7	32.4	33.7	32.7	30.6	29.7	31.4	30.2	31.
15 weeks and over	21.0	21.2	20.4	19.1	19.8	20.5	21.9	26.8	29.6	29.0	27.9	28.0	25.
15 to 26 weeks	12.1	12.0	11.5	10.8	11.3	12.1	12.7	15.6	15.6	13.2	13.7	14.1	13.
27 weeks and over	8.9	9.2	8.8	8.3	8.5	8.4	9.2	11.3	13.9	15.9	14.2	13.9	12.

A-49. Unemployment rates by sex and age, seasonally adjusted

Sex and age	1978	1979				1980				1981			
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
Total, 16 years and over	5.9	5.8	5.7	5.7	5.9	6.2	7.3	7.5	7.5	7.4	7.4	7.2	8.
16 to 19 years	16.3	16.0	16.0	16.0	16.2	16.4	17.9	18.4	18.3	19.1	19.2	18.7	21.
16 to 17 years	19.4	18.6	18.4	17.3	18.0	18.5	20.1	20.9	20.7	21.3	22.1	20.3	22.
18 to 19 years	13.9	14.1	14.4	15.0	14.8	14.9	16.5	16.6	16.5	17.7	17.6	17.7	20.
20 to 24 years	8.9	8.9	8.7	9.1	9.4	10.0	12.0	12.1	12.1	11.8	12.4	11.7	13.
25 years and over	3.9	4.0	3.8	3.9	4.0	4.3	5.2	5.5	5.4	5.2	5.2	5.2	6.
25 to 54 years	4.2	4.2	4.0	4.1	4.3	4.6	5.6	5.9	5.9	5.6	5.5	5.5	6.
55 years and over	3.0	3.0	3.0	3.0	2.9	3.0	3.3	3.4	3.4	3.6	3.4	3.6	3.
Males, 16 years and over	5.1	5.1	4.9	5.0	5.3	5.7	7.2	7.6	7.4	7.1	7.1	6.9	8.
16 to 19 years	16.2	16.3	15.4	15.8	15.7	15.8	18.3	19.4	19.5	20.0	19.8	19.1	21.
16 to 17 years	19.9	19.3	17.8	16.8	17.6	17.9	20.6	21.9	21.5	22.1	23.2	20.8	22.
18 to 19 years	13.2	14.1	13.9	14.9	14.0	14.4	16.9	17.5	17.9	18.6	17.8	18.0	21.
20 to 24 years	8.6	8.4	8.1	8.6	9.1	10.5	13.1	13.4	13.2	12.8	13.4	12.3	14.
25 years and over	3.2	3.3	3.1	3.3	3.5	3.8	5.0	5.4	5.0	4.8	4.8	4.8	6.
25 to 54 years	3.4	3.4	3.2	3.3	3.7	4.0	5.3	5.8	5.5	5.1	5.1	5.1	6.
55 years and over	2.8	2.9	2.9	3.0	2.8	3.0	3.4	3.6	3.3	3.3	3.3	3.4	4
Females, 16 years and over	6.9	6.9	6.8	6.7	6.8	6.9	7.4	7.5	7.7	7.7	7.7	7.7	8
16 to 19 years	16.5	15.7	16.6	16.3	16.8	17.1	17.4	17.3	16.9	18.2	18.6	18.2	21
16 to 17 years	18.8	17.8	19.1	18.0	18.4	19.2	19.5	19.7	19.8	20.3	20.7	19.8	22
18 to 19 years	14.7	14.1	15.0	15.1	15.7	15.5	16.1	15.7	15.0	16.6	17.3	17.5	20
20 to 24 years	9.3	9.4	9.4	9.7	9.7	9.4	10.7	10.4	10.8	10.6	11.2	11.1	11
25 years and over	4.9	5.0	4.8	4.7	4.8	5.0	5.5	5.6	5.9	5.8	5.7	5.7	6
25 to 54 years	5.3	5.4	5.2	5.1	5.2	5.4	6.0	6.1	6.3	6.1	6.2	6.1	6
55 years and over	3.3	3.3	3.1	3.2	3.1	3.0	3.2	3.2	3.6	4.0	3.4	3.9	3

A-50. Unemployed persons by reason for unemployment, seasonally adjusted

[Numbers in thousands]

Reason for unemployment	1978	1979				1980				1981			
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
NUMBER OF UNEMPLOYED													
Both sexes, 16 years and over													
Job losers	2,449	2,497	2,396	2,553	2,786	3,040	4,071	4,357	4,232	3,863	4,041	3,986	4,838
On layoff	718	796	763	828	974	1,098	1,716	1,758	1,538	1,274	1,338	1,265	1,820
Other job losers	1,731	1,701	1,633	1,725	1,812	1,942	2,355	2,598	2,693	2,589	2,702	2,721	3,018
Job leavers	853	882	857	848	829	814	907	870	860	885	909	875	908
Reentrants	1,806	1,759	1,746	1,770	1,755	1,806	1,906	1,865	1,926	2,016	2,033	1,970	2,227
New entrants	846	833	804	750	800	818	832	875	879	971	960	923	994
PERCENT DISTRIBUTION													
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers	41.1	41.8	41.3	43.1	45.1	46.9	52.8	54.7	53.6	49.9	50.9	51.4	54.0
On layoff	12.1	13.3	13.1	14.0	15.8	17.0	22.2	22.1	19.5	16.5	16.9	16.3	20.3
Other job losers	29.1	28.5	28.1	29.1	29.4	30.0	30.5	32.6	34.1	33.5	34.0	35.1	33.7
Job leavers	14.3	14.8	14.8	14.3	13.4	12.6	11.8	10.9	10.9	11.4	11.4	11.3	10.1
Reentrants	30.3	29.5	30.1	29.9	28.4	27.9	24.7	23.4	24.4	26.1	25.6	25.4	24.8
New entrants	14.2	13.9	13.9	12.7	13.0	12.6	10.8	11.0	11.1	12.6	12.1	11.9	11.1
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE													
Job losers	2.4	2.4	2.3	2.5	2.7	2.9	3.9	4.1	4.0	3.7	3.8	3.7	4.5
Job leavers	.8	.9	.8	.8	.8	.8	.9	.8	.8	.8	.9	.8	.9
Reentrants	1.8	1.7	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.9	1.9	1.9	2.1
New entrants	.8	.8	.8	.7	.8	.8	.8	.8	.8	.9	.9	.9	.9

A-51. Employed persons by sex and age, seasonally adjusted

[In thousands]

Sex and age	1978	1979				1980				1981			
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
Total, 16 years and over	95,581	96,359	96,574	97,282	97,572	97,718	97,040	97,061	97,276	98,012	98,868	98,725	97,810
16 to 19 years	8,032	8,096	7,993	7,900	7,952	7,859	7,627	7,477	7,443	7,377	7,256	7,073	6,788
16 to 17 years	3,282	3,332	3,255	3,219	3,278	3,179	3,049	2,965	2,928	2,924	2,824	2,768	2,659
18 to 19 years	4,761	4,763	4,716	4,685	4,693	4,680	4,559	4,528	4,522	4,440	4,411	4,310	4,138
20 to 24 years	13,736	13,884	13,899	13,927	13,856	13,782	13,545	13,544	13,607	13,690	13,664	13,725	13,494
25 years and over	73,809	74,390	74,683	75,456	75,755	76,082	75,872	76,060	76,208	76,941	77,955	77,919	77,511
25 to 54 years	59,576	60,003	60,378	61,113	61,388	61,720	61,546	61,723	62,056	62,726	63,578	63,716	63,469
55 years and over	14,244	14,382	14,292	14,347	14,375	14,369	14,311	14,336	14,157	14,203	14,375	14,215	14,059
Males, 16 years and over	55,953	56,356	56,445	56,640	56,572	56,526	55,855	55,674	55,899	56,147	56,477	56,404	55,723
16 to 19 years	4,270	4,278	4,253	4,218	4,212	4,216	4,045	3,898	3,894	3,902	3,794	3,690	3,617
16 to 17 years	1,742	1,776	1,763	1,746	1,759	1,747	1,642	1,569	1,569	1,563	1,468	1,466	1,449
18 to 19 years	2,535	2,492	2,475	2,472	2,462	2,471	2,391	2,346	2,329	2,330	2,314	2,235	2,171
20 to 24 years	7,448	7,516	7,541	7,561	7,518	7,430	7,232	7,170	7,203	7,238	7,219	7,315	7,106
25 years and over	44,235	44,567	44,638	44,873	44,844	44,881	44,569	44,625	44,800	45,008	45,445	45,399	44,996
25 to 54 years	35,414	35,717	35,874	36,046	36,051	36,072	35,819	35,897	36,112	36,299	36,741	36,804	36,488
55 years and over	8,817	8,853	8,768	8,829	8,783	8,812	8,757	8,730	8,676	8,699	8,725	8,602	8,498
Females, 16 years and over	39,628	40,003	40,130	40,642	41,000	41,192	41,185	41,387	41,376	41,865	42,390	42,321	42,086
16 to 19 years	3,762	3,822	3,740	3,685	3,740	3,642	3,582	3,580	3,549	3,476	3,462	3,384	3,171
16 to 17 years	1,540	1,556	1,492	1,473	1,518	1,432	1,408	1,396	1,359	1,361	1,356	1,301	1,210
18 to 19 years	2,225	2,269	2,241	2,213	2,231	2,210	2,168	2,182	2,193	2,109	2,096	2,075	1,967
20 to 24 years	6,288	6,368	6,358	6,366	6,338	6,351	6,313	6,374	6,404	6,452	6,445	6,410	6,388
25 years and over	29,574	29,823	30,045	30,583	30,911	31,201	31,303	31,435	31,408	31,933	32,510	32,520	32,515
25 to 54 years	24,162	24,286	24,504	25,067	25,337	25,647	25,728	25,826	25,944	26,427	26,837	26,912	26,981
55 years and over	5,428	5,528	5,529	5,519	5,592	5,558	5,554	5,606	5,480	5,504	5,651	5,613	5,560

HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES

A-52. Employed persons by selected social and economic categories, seasonally adjusted

[In thousands]

Category	1978	1979				1980				1981			
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
CHARACTERISTIC													
Total, 16 years and over	95,581	96,359	96,574	97,282	97,572	97,718	97,040	97,061	97,276	98,012	98,868	98,725	97,810
Married men, spouse present	38,909	39,152	39,042	39,253	38,921	38,749	38,263	38,021	38,180	38,220	38,408	38,256	37,805
Married women, spouse present	22,271	22,483	22,524	22,901	22,991	23,142	23,123	23,090	23,040	23,407	23,708	23,559	23,283
OCCUPATION													
White-collar workers	47,975	48,729	49,149	49,594	49,896	50,363	50,643	51,135	51,105	51,680	51,909	51,936	51,944
Professional and technical	14,514	14,904	15,053	15,090	15,164	15,395	15,583	15,669	15,818	15,868	15,833	16,173	16,348
Managers and administrators, except farm	10,122	10,366	10,459	10,631	10,613	10,785	10,850	11,038	11,001	11,472	11,293	11,325	11,239
Sales workers	6,035	6,053	6,142	6,163	6,285	6,231	6,055	6,195	6,202	6,252	6,349	6,295	6,265
Clerical workers	17,304	17,406	17,496	17,710	17,835	17,952	18,154	18,232	18,083	18,087	18,434	18,143	18,091
Blue collar workers	31,913	32,090	31,942	32,188	32,032	31,669	30,788	30,315	30,481	30,459	31,151	30,930	29,879
Craft and kindred workers	12,600	12,819	12,827	12,924	12,943	12,756	12,540	12,413	12,415	12,432	12,616	12,428	12,124
Operatives, except transport	10,970	10,944	10,821	10,972	10,886	10,632	10,354	10,179	10,217	10,303	10,561	10,467	9,986
Transport equipment operatives	3,600	3,595	3,626	3,625	3,599	3,566	3,461	3,422	3,425	3,348	3,409	3,478	3,397
Nonfarm laborers	4,744	4,732	4,667	4,667	4,604	4,715	4,433	4,300	4,424	4,375	4,565	4,556	4,372
Service workers	12,960	12,801	12,827	12,759	12,952	12,985	12,966	12,963	12,920	13,098	13,133	13,126	13,336
Farm workers	2,770	2,750	2,662	2,706	2,698	2,704	2,679	2,690	2,756	2,693	2,730	2,712	2,704
MAJOR INDUSTRY AND CLASS OF WORKER													
Agriculture:													
Wage and salary workers	1,423	1,401	1,409	1,409	1,431	1,420	1,381	1,353	1,397	1,380	1,455	1,448	1,387
Self-employed workers	1,598	1,572	1,539	1,597	1,610	1,604	1,617	1,653	1,636	1,614	1,650	1,615	1,609
Unpaid family workers	302	317	294	309	301	294	286	295	318	307	260	246	274
Nonagricultural industries:													
Wage and salary workers	85,435	86,094	86,288	86,686	87,096	87,226	86,627	86,439	86,581	87,410	88,269	87,979	87,210
Government	15,343	15,296	15,385	15,362	15,428	15,534	15,724	15,608	15,634	15,671	15,533	15,200	15,176
Private industries	70,091	70,799	70,903	71,324	71,668	71,693	70,903	70,831	70,947	71,740	72,735	72,779	72,040
Private households	1,306	1,296	1,202	1,238	1,225	1,160	1,184	1,184	1,134	1,203	1,184	1,167	1,186
Other industries	68,785	69,503	69,700	70,086	70,443	70,533	69,719	69,647	69,813	70,537	71,552	71,612	70,854
Self-employed workers	6,396	6,522	6,591	6,733	6,762	6,800	6,743	6,886	6,974	6,886	6,929	6,974	6,961
Unpaid family workers	463	467	465	466	419	392	405	415	406	382	338	386	420
PERSONS AT WORK[1]													
Nonagricultural industries	86,750	87,476	87,577	88,826	88,707	88,815	88,003	87,957	88,550	89,508	89,566	89,848	89,191
Full time schedules	71,497	72,148	72,298	73,183	72,969	72,839	71,647	71,427	72,156	72,876	73,083	73,119	71,988
Part time for economic reasons	3,155	3,230	3,266	3,228	3,412	3,491	4,016	4,137	4,205	4,282	3,995	4,316	5,122
Usually work full time	1,243	1,267	1,268	1,326	1,447	1,486	1,804	1,735	1,651	1,653	1,504	1,654	2,027
Usually work part time	1,912	1,964	1,998	1,902	1,965	2,005	2,212	2,403	2,554	2,629	2,490	2,662	3,095
Part time for noneconomic reasons	12,098	12,098	12,013	12,415	12,327	12,484	12,340	12,393	12,190	12,350	12,488	12,413	12,080

[1] Excludes persons "with a job but not at work" during the survey period for such reasons as vacation, illness, or industrial dispute.

A-53. Persons not in labor force by reason, sex, and race, seasonally adjusted

[In thousands]

Reason, sex, and race	1978	1979				1980				1981			
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
TOTAL													
Total not in labor force	58,396	58,242	58,803	58,602	58,850	58,999	59,111	59,493	59,906	59,820	59,377	60,274	60,486
Do not want job now	53,071	53,282	53,552	52,835	53,574	53,573	53,851	54,231	54,521	53,998	54,320	54,948	54,967
Current activity:													
Going to school	5,991	5,949	5,939	5,846	6,037	6,038	6,185	6,594	6,224	6,068	6,451	6,499	6,323
Ill, disabled	4,633	4,519	4,533	4,539	4,534	4,627	4,446	4,124	4,293	4,071	4,177	4,284	4,256
Keeping house	29,224	29,466	29,166	28,686	28,659	28,376	28,688	28,646	28,842	28,296	28,013	28,302	27,923
Retired	9,499	9,553	9,998	9,954	10,254	10,578	10,538	10,917	10,938	11,252	11,594	11,694	11,905
Other	3,724	3,795	3,921	3,809	4,090	3,954	3,994	3,950	4,224	4,311	4,085	4,170	4,560
Want a job now	5,283	5,252	5,193	5,437	5,333	5,548	5,431	5,605	5,586	5,905	5,568	5,474	5,935
Reason not looking:													
School attendance	1,339	1,360	1,388	1,503	1,478	1,453	1,461	1,517	1,466	1,521	1,502	1,442	1,531
Ill health, disability	742	739	695	760	785	771	728	759	710	817	742	677	838
Home responsibilities	1,222	1,221	1,237	1,253	1,245	1,335	1,195	1,235	1,179	1,290	1,246	1,134	1,363
Think cannot get job	787	713	814	729	766	949	921	961	1,055	1,115	1,018	1,050	1,201
Job-market factors	494	492	518	525	465	603	626	669	697	876	703	776	865
Personal factors	294	221	296	204	301	345	294	292	358	239	316	274	336
Other reasons[1]	1,192	1,219	1,059	1,191	1,058	1,040	1,127	1,133	1,176	1,162	1,059	1,172	1,001
Males													
Total not in labor force	16,687	16,602	16,947	16,937	17,220	17,296	17,344	17,607	17,795	17,947	17,811	18,308	18,343
Do not want job now	14,958	14,996	15,361	15,174	15,482	15,570	15,663	15,942	16,081	15,925	16,301	16,749	16,585
Want a job now	1,672	1,671	1,555	1,780	1,731	1,710	1,753	1,825	1,827	1,921	1,771	1,741	1,989
Reason not looking:													
School attendance	690	681	686	776	733	699	745	765	720	795	746	668	760
Ill health, disability	333	356	276	346	355	324	338	338	307	379	319	305	423
Think cannot get job	296	276	272	281	291	347	319	367	370	372	399	364	450
Other reasons[1]	352	358	321	377	353	340	351	355	430	374	306	404	355
Females													
Total not in labor force	41,709	41,640	41,856	41,665	41,630	41,702	41,769	41,886	42,111	41,873	41,566	41,966	42,123
Do not want job now	38,117	38,286	38,191	37,661	38,092	38,003	38,188	38,288	38,441	38,073	38,018	38,199	38,382
Want a job now	3,611	3,581	3,638	3,657	3,602	3,838	3,678	3,780	3,759	3,984	3,797	3,733	3,946
Reason not looking:													
School attendance	649	679	702	727	746	754	716	751	746	726	756	773	771
Ill health, disability	409	384	419	414	430	447	390	421	403	437	423	372	415
Home responsibilities	1,222	1,221	1,237	1,253	1,245	1,335	1,195	1,235	1,179	1,290	1,246	1,134	1,363
Think cannot get job	491	437	542	448	475	602	601	594	685	743	619	686	751
Other reasons	840	861	738	815	705	700	776	778	746	788	753	768	646
White													
Total not in labor force	50,899	50,738	51,201	50,982	51,122	51,138	51,182	51,594	51,870	51,709	51,218	51,948	52,153
Do not want job now	46,855	46,852	47,292	46,826	46,973	46,874	47,198	47,545	47,744	47,198	47,332	47,898	47,865
Want a job now	3,928	3,982	3,934	4,192	4,042	4,259	4,094	4,139	4,124	4,328	4,022	4,045	4,363
Reason not looking:													
School attendance	982	1,001	971	1,153	1,113	1,051	1,087	1,084	1,059	1,095	1,039	978	1,139
Ill health, disability	523	536	505	529	527	559	533	514	513	574	500	485	578
Home responsibilities	914	942	952	972	985	1,104	940	957	907	967	964	841	1,025
Think cannot get job	544	516	578	538	551	673	611	681	686	756	676	730	819
Other reasons	966	988	929	1,004	866	871	923	903	960	936	842	1,011	801
Black and other													
Total not in labor force	7,478	7,520	7,593	7,639	7,711	7,870	7,918	7,912	8,036	8,169	8,140	8,350	8,324
Do not want job now	6,156	6,236	6,338	6,345	6,460	6,544	6,581	6,449	6,642	6,558	6,602	6,985	6,837
Want a job now	1,316	1,281	1,217	1,309	1,236	1,322	1,315	1,526	1,402	1,642	1,538	1,499	1,510
Reason not looking:													
School attendance	359	362	402	385	369	400	357	461	406	427	458	495	393
Ill health, disability	206	215	195	223	236	228	205	228	187	270	253	188	235
Home responsibilities	306	290	266	295	258	243	239	285	269	342	266	299	337
Think cannot get job	234	211	216	204	197	296	292	293	354	395	325	331	362
Other reasons	211	203	138	202	176	155	221	258	186	209	237	187	183

[1] Includes small number of men not looking for work because of "home responsibilities."

HOUSEHOLD DATA
QUARTERLY AVERAGES

A-54. Persons not in labor force by reason, sex, and age

(In thousands)

Reason and sex	Total		Age							
			16 to 19 years		20 to 24 years		25 to 59 years		60 years and over	
	IV 1980	IV 1981	IV 1980	IV 1981	IV 1980	IV 1981	IV 1980	IV 1981	IV 1980	IV 1981
TOTAL										
Total not in labor force	59,919	60,591	7,417	7,499	4,639	4,702	21,453	21,238	26,411	27,152
Do not want a job now	54,676	55,061	6,160	6,174	3,816	3,810	18,903	18,505	25,798	26,571
Current activity:										
Going to school	7,908	8,109	5,359	5,479	1,868	1,951	669	669	14	7
Ill, disabled	4,217	4,151	27	16	115	98	2,016	1,927	2,059	2,112
Keeping house	28,643	27,705	480	364	1,467	1,386	14,037	13,459	12,658	12,496
Retired	10,698	11,597	—	—	2	—	248	271	10,448	11,326
Other	3,210	3,498	294	315	364	375	1,933	2,179	619	630
Want a job now	5,243	5,530	1,255	1,325	823	893	2,549	2,732	614	581
Reason not looking:										
School attendance	1,399	1,451	949	999	252	237	185	211	11	5
Ill health, disability	695	817	13	29	44	77	468	545	170	165
Home responsibilities	1,098	1,250	61	81	206	240	788	885	42	44
Think cannot get job	973	1,090	103	121	152	189	518	562	200	218
Job-market factors	658	810	59	78	119	153	392	479	89	99
Personal factors	316	280	45	43	33	36	128	80	111	118
Other reasons[1]	1,078	923	129	95	169	150	590	529	191	149
Males										
Total not in labor force	18,184	18,818	3,482	3,513	1,519	1,574	3,303	3,479	9,881	10,252
Do not want a job now	16,523	17,002	2,888	2,884	1,250	1,279	2,801	2,869	9,583	9,972
Current activity:										
Going to school	4,010	4,055	2,700	2,716	1,007	1,043	299	294	2	3
Ill, disabled	2,388	2,260	21	7	64	49	1,145	1,089	1,159	1,115
Keeping house	298	314	—	13	10	3	81	97	206	201
Retired	7,938	8,384	—	—	—	—	198	212	7,739	8,171
Other	1,889	1,990	167	148	169	184	1,078	1,177	477	482
Want a job now	1,661	1,815	593	630	270	297	502	609	298	278
Reason not looking:										
School attendance	688	723	477	522	140	123	67	78	4	—
Ill health, disability	286	401	8	17	20	45	169	259	89	80
Think cannot get job	304	366	45	52	50	68	107	137	102	108
Other reasons[1]	383	325	63	39	60	61	159	135	103	90
Females										
Total not in labor force	41,735	41,773	3,935	3,986	3,120	3,128	18,150	17,759	16,530	16,900
Do not want a job now	38,153	38,059	3,272	3,291	2,565	2,531	16,102	15,636	16,215	16,598
Current activity:										
Going to school	3,898	4,054	2,658	2,764	858	908	370	376	11	5
Ill, disabled	1,829	1,891	6	9	52	48	870	837	901	996
Keeping house	28,345	27,392	480	351	1,458	1,384	13,956	13,363	12,452	12,294
Retired	2,761	3,213	—	—	2	—	51	58	2,708	3,155
Other	1,320	1,509	128	167	195	191	855	1,002	143	148
Want a job now	3,582	3,714	663	695	554	597	2,049	2,122	316	303
Reason not looking:										
School attendance	711	728	472	477	114	114	119	133	7	5
Ill health, disability	409	416	5	12	24	33	300	286	80	85
Home responsibilities	1,098	1,250	61	81	206	240	788	885	42	44
Think cannot get job	669	724	58	69	101	121	410	425	99	110
Other reasons	695	597	67	56	109	89	432	393	88	59

[1] Includes small number of men not looking for work because of "home responsibilities."

NOTE: Detail in tables A-54, A-55, and A-57 may not add to not-in-labor-force totals because of differences in the weighting patterns used in aggregating these data.

A-55. Persons not in labor force by reason, race, age, and sex

[In thousands]

Reason and race	Total		Age						Sex			
			16 to 24 years		25 to 59 years		60 years and over		Males		Females	
	IV 1980	IV 1981	IV 1980	IV 1981	IV 1980	IV 1981	IV 1980	IV 1981	IV 1980	IV 1981	IV 1980	IV 1981
WHITE												
Total not in labor force	51,876	52,257	9,479	9,573	18,564	18,222	23,832	24,462	15,431	15,884	36,445	36,373
Do not want a job now	47,983	48,169	7,995	7,980	16,665	16,200	23,325	23,986	14,213	14,546	33,770	33,623
Current activity:												
Going to school	6,413	6,463	5,829	5,918	572	536	13	6	3,291	3,253	3,122	3,210
Ill, disabled	3,442	3,416	105	100	1,622	1,535	1,714	1,780	1,969	1,885	1,473	1,531
Keeping house	25,860	25,026	1,628	1,490	12,681	12,087	11,555	11,450	233	250	25,627	24,776
Retired	9,708	10,451	—	—	232	255	9,475	10,195	7,214	7,581	2,494	2,870
Other	2,560	2,813	433	472	1,558	1,787	568	555	1,506	1,577	1,054	1,236
Want a job now	3,892	4,088	1,481	1,595	1,906	2,025	505	476	1,218	1,339	2,674	2,749
Reason not looking:												
School attendance	999	1,061	865	927	120	132	11	3	504	535	495	526
Ill health, disability	512	583	51	85	338	387	125	112	196	298	316	285
Home responsibilities	846	941	179	228	627	687	40	28	—	—	846	941
Think cannot get job	644	756	145	179	333	391	167	188	194	236	450	520
Other reasons [1]	891	747	241	176	488	428	162	143	324	270	567	477
BLACK AND OTHER												
Total not in labor force	8,044	8,334	2,575	2,628	2,889	3,016	2,579	2,690	2,753	2,934	5,290	5,400
Do not want a job now	6,692	6,892	1,977	2,000	2,242	2,306	2,472	2,584	2,310	2,457	4,382	4,437
Current activity:												
Going to school	1,495	1,647	1,395	1,511	98	131	—	2	719	802	776	845
Ill, disabled	775	737	37	12	392	392	344	333	419	376	356	361
Keeping house	2,782	2,679	321	260	1,358	1,374	1,103	1,045	65	63	2,717	2,616
Retired	991	1,146	—	—	19	17	973	1,130	724	803	267	343
Other	649	685	224	217	375	392	52	74	383	413	266	272
Want a job now	1,352	1,443	595	627	644	710	110	104	442	477	910	963
Reason not looking:												
School attendance	400	390	336	310	64	80	—	—	184	188	216	201
Ill health, disability	182	233	6	22	131	158	45	52	89	103	93	130
Home responsibilities	253	308	89	93	162	199	2	16	—	—	253	308
Think cannot get job	329	334	109	132	186	172	33	30	110	130	219	204
Other reasons [1]	188	177	55	70	101	101	30	6	59	56	129	120

[1] Includes small number of men not looking for work because of "home responsibilities."

A-56. Persons not in labor force who desire work but think they cannot get jobs by reason, sex, age, and race

[In thousands]

Reason and sex	4th Quarter 1981						
	Total	Age				Race	
		16 to 19 years	20 to 24 years	25 to 59 years	60 years and over	White	Black and other
TOTAL							
Personal factors:							
Employers think too young or old	149	16	—	17	115	132	17
Lacks education or training	81	14	20	46	—	53	29
Other personal handicap	51	13	16	17	3	36	15
Job-market factors:							
Could not find job	433	41	86	257	49	257	177
Thinks no job available	377	37	67	222	50	279	98
Males							
Personal factors:							
Employers think too young or old	73	11	—	5	56	62	11
Lacks education or training	33	6	16	11	—	17	17
Other personal handicap	17	5	3	5	3	11	6
Job-market factors:							
Could not find job	142	15	22	77	28	75	67
Thinks no job available	101	15	27	39	21	71	30
Females							
Personal factors:							
Employers think too young or old	76	5	—	12	59	70	6
Lacks education or training	48	8	4	35	—	36	12
Other personal handicap	34	8	13	13	—	25	9
Job-market factors:							
Could not find job	291	25	64	181	21	182	110
Thinks no job available	276	23	40	183	30	208	68

A-57. Most recent work experience of persons not in labor force and reason for leaving last job for those who worked during the previous 12 months by sex, age, and race

[Numbers in thousands]

Most recent work experience, reason for leaving last job, and sex	Total		Age						Race			
			16 to 24 years		25 to 59 years		60 years and over		White		Black and other	
	IV 1980	IV 1981	IV 1980	IV 1981	IV 1980	IV 1981	IV 1980	IV 1981	IV 1980	IV 1981	IV 1980	IV 1981
Total, not in labor force	59,919	60,591	12,056	12,201	21,453	21,238	26,411	27,152	51,876	52,257	8,044	8,334
Never worked	9,181	9,277	4,664	4,975	2,124	2,051	2,394	2,252	7,252	7,313	1,928	1,964
Last worked over 5 years ago	29,863	30,314	307	254	10,643	10,559	18,914	19,500	26,422	26,847	3,440	3,467
Last worked 1 to 5 years ago	10,476	10,813	1,641	1,842	5,139	5,153	3,696	3,819	9,185	9,326	1,292	1,487
Left job during previous 12 months	10,399	10,185	5,443	5,131	3,548	3,474	1,407	1,581	9,017	8,770	1,383	1,416
Percent distribution by reason	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
School, home responsibilities	48.3	45.8	66.3	63.7	37.7	37.8	5.3	5.4	50.4	47.2	34.3	37.3
Ill health, disability	7.1	7.5	1.6	1.7	13.2	11.9	12.9	17.0	7.0	7.2	9.7	9.7
Retirement, old age	8.3	9.6	--	--	3.7	4.0	52.0	53.0	8.9	10.4	4.3	4.9
Economic reasons	20.3	21.8	17.9	21.0	23.3	25.3	21.9	17.1	18.8	20.2	29.9	31.9
End of seasonal job	8.3	8.9	9.5	10.2	6.8	8.2	7.5	6.3	7.8	8.1	11.8	13.8
Slack work	6.2	7.1	3.9	5.6	9.8	10.0	6.1	5.4	5.6	6.6	10.1	10.1
End of temporary job	5.8	5.8	4.5	5.1	6.7	7.1	8.2	5.4	5.4	5.5	8.0	7.9
All other reasons	16.0	15.3	14.1	13.7	22.1	21.0	8.0	7.4	15.1	15.1	21.9	16.2
Males, not in labor force	18,184	18,818	5,001	5,087	3,303	3,479	9,881	10,252	15,431	15,884	2,753	2,934
Never worked	2,224	2,328	1,989	2,039	201	236	36	53	1,552	1,646	672	681
Last worked over 5 years ago	8,225	8,490	45	36	1,37	1,424	6,808	7,031	7,114	7,374	1,111	1,116
Last worked 1 to 5 years ago	3,578	3,752	413	542	1,[illegible]	1,014	2,152	2,195	3,108	3,211	470	541
Left job during previous 12 months	4,157	4,248	2,553	2,470	[illegible]18	803	885	973	3,657	3,652	500	596
Percent distribution by reason	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
School, home responsibilities	43.6	40.2	65.1	62.4	18.5	17.7	2.3	2.7	44.8	42.1	35.5	28.7
Ill health, disability	8.8	9.5	1.4	1.9	28.9	24.2	13.3	16.7	8.1	9.1	13.6	11.9
Retirement, old age	13.9	15.7	--	--	11.3	10.1	56.3	60.1	14.7	17.1	8.0	7.0
Economic reasons	19.2	20.0	19.2	20.7	16.2	23.4	21.8	15.4	18.6	18.1	24.0	31.4
End of seasonal job	9.5	9.4	10.6	11.3	6.0	6.6	9.4	7.1	9.5	8.6	10.2	14.6
Slack work	4.7	5.7	3.7	4.6	8.5	12.2	4.4	3.3	4.4	5.2	6.6	8.9
End of temporary job	5.0	4.9	4.9	4.8	1.7	4.6	8.0	5.0	4.7	4.4	7.2	7.9
All other reasons	14.5	14.6	14.3	15.1	25.1	24.7	6.3	5.1	13.9	13.6	18.8	21.0
Females, not in labor force	41,735	41,773	7,055	**7,114**	18,150	17,759	16,530	16,900	36,445	36,373	5,290	5,400
Never worked	6,956	6,950	2,675	**2,935**	1,922	1,815	2,358	2,199	5,700	5,667	1,256	1,283
Last worked over 5 years ago	21,637	21,824	262	219	9,269	9,136	12,106	12,469	19,300	19,473	2,329	2,351
Last worked 1 to 5 years ago	6,898	7,061	1,226	1,299	4,128	4,138	1,544	1,624	6,077	6,115	822	946
Left job during previous 12 months	6,243	5,938	2,891	2,660	2,830	2,671	521	608	5,360	5,118	883	820
Percent distribution by reason	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
School, home responsibilities	51.4	49.8	67.4	64.9	42.6	43.8	10.4	9.9	54.3	50.8	33.6	43.5
Ill health, disability	6.0	6.1	1.8	1.4	9.2	8.2	12.1	17.5	5.7	5.8	7.5	8.2
Retirement, old age	4.6	5.3	.1	--	1.9	2.1	44.5	41.8	5.0	5.5	2.2	3.4
Economic reasons	21.0	23.2	16.8	21.2	25.1	25.9	21.9	19.8	19.0	21.7	33.2	32.2
End of seasonal job	7.5	8.5	8.5	9.2	7.0	8.7	4.2	5.1	6.6	7.8	12.7	13.3
Slack work	7.2	8.1	4.1	6.6	10.1	9.3	9.0	8.9	6.4	7.6	12.0	11.0
End of temporary job	6.3	6.6	4.2	5.4	8.0	7.9	8.6	5.8	5.9	6.3	8.5	7.9
All other reasons	17.0	15.7	13.9	12.4	21.3	19.9	11.1	11.0	16.0	16.2	23.6	12.7

A-58. Work-seeking intentions of persons not in labor force and work history of those who intend to seek work within the next 12 months by sex, age, and race

[In thousands]

Work seeking intentions, work history, and sex	Total		Age						Race			
			16 to 24 years		25 to 59 years		60 years and over		White		Black and other	
	IV 1980	IV 1981	IV 1980	IV 1981	IV 1980	IV 1981	IV 1980	IV 1981	IV 1980	IV 1981	IV 1980	IV 1981
Total												
Do not intend to seek work	49,889	50,334	6,220	6,117	17,861	17,597	25,807	26,619	43,822	44,089	6,067	6,245
Intend to seek work in the next 12 months	10,029	10,256	5,835	6,083	3,591	[illegible]641	603	533	8,054	8,167	1,976	2,089
Never worked	1,593	1,819	1,455	1,678	135	129	3	11	1,144	1,297	449	522
Last worked over 5 years ago	1,125	1,037	59	34	876	880	192	124	842	806	284	232
Last worked 1 to 5 years ago	1,944	2,243	676	832	1,096	1,227	172	182	1,509	1,723	435	520
Worked during previous 12 months	5,368	5,157	3,645	3,537	1,486	1,404	237	216	4,560	4,341	808	815
Males												
Do not intend to seek work	14,438	14,895	2,275	2,249	2,609	2,690	9,554	9,957	12,352	12,718	2,086	2,178
Intend to seek work in the next 12 months	3,746	3,922	2,725	2,838	694	789	327	295	3,079	3,166	667	756
Never worked	669	730	637	701	31	30	--	--	477	508	192	222
Last worked over 5 years ago	194	139	8	6	108	87	78	45	132	109	63	30
Last worked 1 to 5 years ago	526	658	220	285	203	267	102	105	403	504	123	154
Worked during previous 12 months	2,356	2,396	1,859	1,845	350	406	147	144	2,067	2,045	289	350
Females												
Do not intend to seek work	35,451	35,438	3,945	3,868	15,252	14,908	16,254	16,662	31,470	31,371	3,981	4,067
Intend to seek work in the next 12 months	6,284	6,334	3,109	3,245	2,898	2,850	276	238	4,975	5,001	1,309	1,333
Never worked	923	1,089	816	978	104	101	3	11	667	789	257	300
Last worked over 5 years ago	930	899	51	28	766	793	113	78	710	697	221	202
Last worked 1 to 5 years ago	1,418	1,585	455	547	892	960	70	77	1,106	1,219	312	366
Worked during previous 12 months	3,012	2,762	1,787	1,693	1,135	998	90	72	2,493	2,296	519	465

A-59. Employment status of the noninstitutional population by sex, age, race, and Hispanic origin

Numbers in thousands

Employment status, sex, and age	Total		White		Black		Hispanic origin	
	IV 1980	IV 1981	IV 1980	IV 1981	IV 1980	IV 1981	IV 1980	IV 1981
TOTAL								
Civilian noninstitutional population	165,079	167,271	144,357	146,002	17,577	17,952	8,782	9,176
Civilian labor force	105,160	106,680	92,481	93,746	10,695	10,922	5,594	5,842
Percent of population	63.7	63.8	64.1	64.2	60.8	60.8	63.7	63.7
Employed	97,759	98,246	86,770	87,258	9,157	9,146	5,046	5,214
Agriculture	3,253	3,191	3,019	2,971	181	161	219	210
Nonagricultural industries	94,506	95,055	83,751	84,287	8,976	8,985	4,827	5,004
Unemployed	7,401	8,434	5,711	6,488	1,538	1,776	548	629
Unemployment rate	7.0	7.9	6.2	6.9	14.4	16.3	9.8	10.8
Not in labor force	59,919	60,591	51,876	52,257	6,883	7,030	3,189	3,334
Males, 20 years and over								
Civilian noninstitutional population	70,093	71,322	62,027	63,015	6,793	6,967	3,608	3,847
Civilian labor force	55,391	56,017	49,344	49,847	5,061	5,102	3,052	3,254
Percent of population	79.0	78.5	79.6	79.1	74.5	74.4	84.6	84.6
Employed	52,201	52,274	46,833	46,936	4,458	4,420	2,797	2,957
Agriculture	2,354	2,336	2,168	2,151	146	140	172	158
Nonagricultural industries	49,847	49,939	44,665	44,785	4,312	4,280	2,625	2,799
Unemployed	3,189	3,743	2,510	2,911	603	762	255	298
Unemployment rate	5.8	6.7	5.1	5.8	11.9	14.7	8.4	9.1
Not in labor force	14,703	15,305	12,684	13,168	1,732	1,785	556	593
Females, 20 years and over								
Civilian noninstitutional population	78,841	80,209	68,745	69,803	8,549	8,769	4,007	4,168
Civilian labor force	41,041	42,422	35,338	36,540	4,835	4,980	1,976	2,083
Percent of population	52.1	52.9	51.4	52.3	56.6	56.8	49.3	50.0
Employed	38,383	39,444	33,349	34,310	4,217	4,308	1,805	1,871
Agriculture	577	575	548	545	18	16	21	30
Nonagricultural industries	37,805	38,869	32,801	33,765	4,199	4,292	1,784	1,841
Unemployed	2,659	2,977	1,989	2,230	618	672	171	212
Unemployment rate	6.5	7.0	5.6	6.1	12.8	13.5	8.7	10.2
Not in labor force	37,800	37,787	33,408	33,263	3,714	3,789	2,031	2,085
Both sexes, 16-19 years								
Civilian noninstitutional population	16,144	15,740	13,584	13,183	2,235	2,216	1,167	1,162
Civilian labor force	8,728	8,241	7,800	7,358	798	760	566	505
Percent of population	54.1	52.4	57.4	55.8	35.7	34.3	48.5	43.5
Employed	7,175	6,527	6,588	6,011	482	418	444	386
Agriculture	322	281	303	274	17	5	27	23
Nonagricultural industries	6,854	6,246	6,284	5,738	465	413	417	364
Unemployed	1,553	1,714	1,212	1,347	317	342	121	119
Unemployment rate	17.8	20.8	15.5	18.3	39.6	45.0	21.5	23.5
Not in labor force	7,417	7,499	5,784	5,825	1,437	1,456	602	656

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A-60 Employment status of persons of Mexican, Puerto Rican, and Cuban origin by sex and age

[Numbers in thousands]

Employment status, sex, and age	Total Hispanic origin[1]		Mexican origin		Puerto Rican origin		Cuban origin	
	IV 1980	IV 1981	IV 1980	IV 1981	IV 1980	IV 1981	IV 1980	IV 1981
TOTAL								
Civilian noninstitutional population	8,782	9,176	5,219	5,525	1,142	1,239	660	676
Civilian labor force	5,594	5,842	3,463	3,650	566	619	424	430
Percent of population	63.7	63.7	66.4	66.1	49.6	50.0	64.2	63.6
Employed	5,046	5,214	3,126	3,260	481	541	390	393
Agriculture	219	210	200	195	3	4	1	--
Nonagricultural industries	4,827	5,004	2,926	3,065	478	537	388	393
Unemployed	548	629	337	390	85	78	35	37
Unemployment rate	9.8	10.8	9.7	10.7	15.0	12.6	8.2	8.6
Not in labor force	3,189	3,334	1,756	1,875	576	621	235	246
Males, 20 years and over								
Civilian noninstitutional population	3,608	3,847	2,237	2,381	405	458	278	297
Civilian labor force	3,052	3,254	1,939	2,069	317	357	227	232
Percent of population	84.6	84.6	86.7	86.9	78.3	77.9	81.7	78.1
Employed	2,797	2,957	1,778	1,883	276	317	213	216
Agriculture	172	158	158	146	2	3	1	--
Nonagricultural industries	2,625	2,799	1,620	1,737	274	314	211	216
Unemployed	255	298	161	186	41	40	15	16
Unemployment rate	8.4	9.1	8.3	9.0	12.9	11.2	6.5	6.9
Not in labor force	556	593	297	313	88	100	51	65
Females, 20 years and over								
Civilian noninstitutional population	4,007	4,168	2,272	2,411	551	594	303	311
Civilian labor force	1,976	2,083	1,137	1,225	200	218	158	165
Percent of population	49.3	50.0	50.0	50.8	36.3	36.7	52.1	53.1
Employed	1,805	1,871	1,041	1,099	177	194	145	152
Agriculture	21	30	16	26	1	1	--	--
Nonagricultural industries	1,784	1,841	1,025	1,073	176	193	145	152
Unemployed	171	212	96	126	23	25	13	13
Unemployment rate	8.7	10.2	8.4	10.3	11.7	11.3	8.0	7.7
Not in labor force	2,031	2,085	1,135	1,186	351	376	146	146
Both sexes, 16-19 years								
Civilian noninstitutional population	1,167	1,162	709	732	187	188	78	69
Civilian labor force	566	505	387	356	49	43	39	33
Percent of population	48.5	43.5	54.6	48.6	26.2	22.9	50.0	47.8
Employed	444	386	307	278	28	30	32	25
Agriculture	27	23	26	23	--	--	--	--
Nonagricultural industries	417	364	281	255	28	30	32	25
Unemployed	121	119	80	78	21	13	7	8
Unemployment rate	21.5	23.5	20.6	21.6	(2)	(2)	(2)	(2)
Not in labor force	602	656	323	376	138	145	38	35

[1] Includes persons of Central or South American origin and of other Hispanic origin, not shown separately.

[2] Percent not shown where base is less than 60,000.

A-61. Employed persons by selected social and economic categories, race, and Hispanic origin

[In thousands]

Category	Total		White		Black and other		Hispanic origin	
	IV 1980	IV 1981	IV 1980	IV 1981	IV 1980	IV 1981	IV 1980	IV 1981
CHARACTERISTIC								
Total, 16 years and over	97,759	98,246	86,770	87,258	10,989	10,988	5,046	5,214
Males	55,865	55,655	50,180	50,047	5,685	5,607	3,065	3,183
Females	41,894	42,591	36,590	37,211	5,304	5,381	1,981	2,031
OCCUPATION								
White-collar workers	51,540	52,325	47,167	47,777	4,373	4,548	1,728	1,811
Professional and technical	15,979	16,512	14,560	14,980	1,419	1,532	391	416
Managers and administrators, except farm	11,006	11,199	10,403	10,590	602	608	311	350
Sales workers	6,367	6,433	6,031	6,078	336	355	195	212
Clerical workers	18,188	18,181	16,172	16,128	2,016	2,053	831	833
Blue-collar workers	30,641	29,991	26,706	26,190	3,935	3,801	2,299	2,320
Craft and kindred workers	12,456	12,153	11,418	11,196	1,038	957	690	682
Operatives, except transport	10,412	10,133	8,815	8,498	1,597	1,635	1,060	1,052
Transport equipment operatives	3,471	3,452	2,933	2,945	538	506	201	215
Nonfarm laborers	4,302	4,253	3,539	3,551	763	703	348	371
Service workers	12,917	13,307	10,413	10,824	2,504	2,483	860	909
Farm workers	2,662	2,623	2,485	2,467	177	156	159	175
MAJOR INDUSTRY AND CLASS OF WORKER								
Agriculture:								
Wage and salary workers	1,322	1,321	1,160	1,157	162	164	202	199
Self-employed workers	1,636	1,614	1,575	1,562	62	51	16	11
Unpaid family workers	295	257	285	252	10	5	1	--
Nonagricultural industries:								
Wage and salary workers	87,180	87,698	76,856	77,398	10,325	10,299	4,577	4,725
Government	15,857	15,388	13,363	12,975	2,494	2,413	646	644
Private industries	71,324	72,309	63,493	64,423	7,831	7,886	3,930	4,081
Private households	1,172	1,217	819	865	353	352	91	96
Other industries	70,152	71,092	62,674	63,558	7,478	7,534	3,839	3,985
Self-employed workers	6,957	6,971	6,544	6,522	413	449	236	260
Unpaid family workers	369	386	351	366	18	20	14	18
FULL- AND PART-TIME STATUS [1]								
Full-time schedules	78,965	78,729	69,919	69,762	9,046	8,967	4,205	4,294
Part time for economic reasons	4,138	4,992	3,449	4,161	689	831	304	389
Part time for noneconomic reasons	14,656	14,525	13,401	13,335	1,255	1,190	537	530

[1] Employed persons with a job but not at work are distributed proportionately among the full- and part-time employed categories.

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A-62. Employed persons of Mexican, Puerto Rican, and Cuban origin by selected social and economic categories

[In thousands]

Category	Total Hispanic origin[1]		Mexican origin		Puerto Rican origin		Cuban origin	
	IV 1980	IV 1981	IV 1980	IV 1981	IV 1980	IV 1981	IV 1980	IV 1981
CHARACTERISTIC								
Total, 16 years and over	5,046	5,214	3,126	3,260	481	541	390	393
Males	3,065	3,183	1,970	2,051	294	335	229	230
Females	1,981	2,031	1,157	1,209	187	205	161	163
OCCUPATION								
White collar workers	1,728	1,811	888	976	204	224	180	206
Professional and technical	391	416	186	203	38	51	45	61
Managers and administrators, except farm	311	350	149	172	24	38	45	44
Sales workers	195	212	94	115	17	18	21	32
Clerical workers	831	833	459	486	125	117	69	69
Blue-collar workers	2,299	2,320	1,566	1,575	192	216	156	143
Craft and kindred workers	690	682	472	461	41	50	50	49
Operatives, except transport	1,060	1,052	703	693	101	108	74	64
Transport equipment operatives	201	215	135	145	27	23	13	13
Nonfarm laborers	348	371	256	276	23	35	19	17
Service workers	860	909	523	544	83	98	54	45
Farm workers	159	175	149	165	1	3	—	—
MAJOR INDUSTRY AND CLASS OF WORKER								
Agriculture	202	199	190	189	3	4	1	—
Wage and salary workers	16	11	10	6	—	1	1	—
Self-employed workers	1	—	1	—	—	—	—	—
Unpaid family workers								
Nonagricultural industries	4,577	4,725	2,795	2,919	467	519	349	348
Wage and salary workers	646	644	403	433	86	83	27	28
Government	3,930	4,081	2,392	2,487	381	436	322	319
Private industries	91	96	60	55	1	—	1	2
Private households	3,839	3,985	2,332	2,432	380	436	321	317
Other industries	236	260	121	135	11	13	36	43
Self-employed workers	14	18	10	11	—	4	3	2
Unpaid family workers								
FULL- AND PART-TIME STATUS[2]								
Full-time schedules	4,205	4,294	2,580	2,641	432	481	327	323
Part time for economic reasons	304	389	225	307	11	19	13	10
Part time for noneconomic reasons	537	530	322	313	38	41	49	51

[1] Includes persons of Central or South American origin and of other Hispanic origin, not shown separately.

[2] Employed persons with a job but not at work are distributed proportionately amo full- and part-time employed categories.

A-63. Employed persons by sex, age, race, and Hispanic origin

[In thousands]

Sex and age	Total		White		Black		Hispanic origin	
	IV 1980	IV 1981	IV 1980	IV 1981	IV 1980	IV 1981	IV 1980	IV 1981
Total, 16 years and over	97,759	98,246	86,770	87,258	9,157	9,146	5,046	5,214
16 to 19 years	7,175	6,527	6,588	6,011	482	418	444	386
16 to 17 years	2,794	2,519	2,616	2,366	145	119	141	121
18 to 19 years	4,381	4,008	3,972	3,646	337	299	304	265
20 to 24 years	13,615	13,494	12,096	12,021	1,275	1,248	896	879
25 years and over	76,969	78,225	68,086	69,225	7,400	7,479	3,705	3,948
25 to 54 years	62,674	64,046	55,185	56,430	6,202	6,285	3,302	3,536
55 years and over	14,295	14,179	12,901	12,795	1,197	1,195	403	412
Males, 16 years and over	55,865	55,655	50,180	50,047	4,722	4,643	3,065	3,183
16 to 19 years	3,664	3,380	3,347	3,111	265	224	268	226
16 to 17 years	1,442	1,320	1,344	1,244	83	61	86	75
18 to 19 years	2,222	2,060	2,003	1,867	182	163	182	151
20 to 24 years	7,146	7,044	6,381	6,309	637	624	523	512
25 years and over	45,056	45,231	40,452	40,627	3,821	3,795	2,273	2,444
25 to 54 years	36,305	36,668	32,461	32,806	3,184	3,171	1,999	2,157
55 years and over	8,751	8,562	7,991	7,822	637	625	274	288
Females, 16 years and over	41,894	42,591	36,590	37,211	4,434	4,502	1,981	2,031
16 to 19 years	3,511	3,147	3,241	2,900	217	194	176	160
16 to 17 years	1,352	1,200	1,272	1,122	62	58	55	46
18 to 19 years	2,159	1,947	1,968	1,778	156	137	122	114
20 to 24 years	6,469	6,451	5,716	5,712	638	624	374	367
25 years and over	31,913	32,993	27,634	28,598	3,579	3,684	1,431	1,504
25 to 54 years	26,369	27,378	22,724	23,624	3,019	3,114	1,302	1,380
55 years and over	5,544	5,616	4,910	4,973	560	570	128	124

A-64. Unemployment rates by sex, age, race, and Hispanic origin

Sex and age	Total		White		Black		Hispanic origin	
	IV 1980	IV 1981	IV 1980	IV 1981	IV 1980	IV 1981	IV 1980	IV 1981
Total, 16 years and over	7.0	7.9	6.2	6.9	14.4	16.3	9.8	10.8
16 to 19 years	17.8	20.8	15.5	18.3	39.6	45.0	21.3	23.5
16 to 17 years	20.1	21.6	17.7	19.5	46.2	48.4	27.3	28.2
18 to 19 years	16.2	20.3	14.0	17.5	36.3	43.5	18.4	21.2
20 to 24 years	11.3	12.4	9.6	10.3	24.6	28.3	11.0	13.9
25 years and over	5.1	5.8	4.5	5.2	9.8	11.2	7.8	8.5
25 to 54 years	5.5	6.2	4.9	5.5	10.7	12.0	8.0	8.6
55 years and over	3.2	3.7	3.0	3.5	5.1	6.3	6.3	8.0
Males, 16 years and over	6.8	7.8	6.0	6.8	14.2	16.6	9.7	10.7
16 to 19 years	19.6	21.8	17.4	19.7	40.5	42.5	21.8	26.7
16 to 17 years	21.9	22.7	19.3	20.7	48.4	48.2	24.3	33.3
18 to 19 years	18.1	21.2	16.0	19.1	36.0	39.9	20.6	22.9
20 to 24 years	12.3	13.6	10.7	11.6	25.1	29.5	11.1	13.1
25 years and over	4.6	5.5	4.1	4.9	9.3	11.7	7.7	8.3
25 to 54 years	5.0	6.0	4.5	5.3	10.0	12.6	8.0	8.6
55 years and over	2.9	3.5	2.7	3.2	5.6	6.9	5.8	6.2
Females, 16 years and over	7.3	8.1	6.4	7.0	14.5	15.9	9.9	10.9
16 to 19 years	15.8	19.7	13.6	16.7	38.6	47.7	20.9	18.5
16 to 17 years	18.0	20.4	16.1	18.2	43.0	48.6	31.7	17.9
18 to 19 years	14.3	19.3	11.9	15.8	36.7	47.3	14.8	18.8
20 to 24 years	10.1	11.0	8.3	8.7	24.1	27.1	11.0	14.9
25 years and over	5.7	6.2	5.1	5.6	10.4	10.6	8.0	9.0
25 to 54 years	6.1	6.6	5.4	5.9	11.4	11.5	8.2	8.7
55 years and over	3.6	4.0	3.5	3.8	4.4	5.6	6.5	12.7

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A-65. Unemployed persons by duration of unemployment, race, and Hispanic origin

[In thousands]

Weeks of unemployment	Total		White		Black and other		Hispanic origin	
	IV 1980	IV 1981	IV 1980	IV 1981	IV 1980	IV 1981	IV 1980	IV 1981
DURATION								
Total, 16 years and over	7,401	8,434	5,711	6,488	1,690	1,946	548	629
Less than 5 weeks	2,938	3,566	2,320	2,800	618	766	236	299
5 to 14 weeks	2,347	2,757	1,803	2,171	544	586	171	212
15 weeks and over	2,115	2,110	1,587	1,517	528	594	140	118
15 to 26 weeks	1,106	1,068	845	797	261	271	79	63
27 weeks and over	1,009	1,043	742	720	266	323	61	56
Average (mean) duration, in weeks	13.4	13.2	12.8	12.4	15.3	15.9	12.4	10.4
Median duration, in weeks	7.3	6.7	6.9	6.4	8.4	7.8	7.1	5.5
PERCENT DISTRIBUTION								
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5 weeks	39.7	42.3	40.6	43.2	36.6	39.4	43.1	47.5
5 to 14 weeks	31.7	32.7	31.6	33.5	32.2	30.1	31.3	33.7
15 weeks and over	28.6	25.1	27.8	23.4	31.3	30.5	25.6	18.9
15 to 26 weeks	14.9	12.7	14.8	12.3	15.5	13.9	14.4	10.0
27 weeks and over	13.6	12.4	13.0	11.1	15.7	16.6	11.2	8.9

A-66. Unemployed persons by reason for unemployment, race, and Hispanic origin

[Numbers in thousands]

Reason for unemployment	Total		White		Black and other		Hispanic origin	
	IV 1980	IV 1981	IV 1980	IV 1981	IV 1980	IV 1981	IV 1980	IV 1981
NUMBER OF UNEMPLOYED								
Total, 16 years and over	7,401	8,434	5,711	6,488	1,690	1,946	548	629
Job losers	3,909	4,529	3,067	3,544	842	985	300	386
On layoff	1,283	1,568	1,071	1,313	212	255	64	125
Other job losers	2,626	2,961	1,996	2,232	630	730	236	261
Job leavers	846	894	712	749	134	145	66	52
Reentrants	1,869	2,130	1,397	1,582	471	549	114	132
New entrants	776	881	535	614	242	267	68	58
PERCENT DISTRIBUTION								
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers	52.8	53.7	53.8	54.6	49.8	50.6	54.7	61.5
On layoff	17.3	18.6	18.8	20.2	12.5	13.1	11.7	19.9
Other job losers	35.5	35.1	35.0	34.4	37.3	37.5	43.1	41.6
Job leavers	11.4	10.6	12.5	11.5	7.9	7.5	12.0	8.3
Reentrants	25.2	25.3	24.5	24.4	27.9	28.2	20.8	21.0
New entrants	10.5	10.4	9.4	9.5	14.3	13.7	12.4	9.2
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE								
Job losers	3.7	4.3	3.4	3.8	6.7	7.6	5.4	6.6
Job leavers	.8	.8	.8	.8	1.1	1.1	1.2	.9
Reentrants	1.8	2.0	1.5	1.7	3.7	4.2	2.0	2.3
New entrants	.7	.8	.6	.7	1.9	2.1	1.2	1.0

A-67. Employment status of male Vietnam-era veterans and nonveterans by age

[Numbers in thousands]

Veteran status and age	Civilian noninstitutional population		Civilian labor force							
			Total		Employed		Unemployed			
							Number		Percent of labor force	
	IV 1980	IV 1981	IV 1980	IV 1981	IV 1980	IV 1981	IV 1980	IV 1981	IV 1980	IV 1981
VETERANS										
Total, 25 years and over	8,398	8,633	7,967	8,181	7,532	7,632	435	549	5.5	6.7
25 to 39 years	7,322	7,298	7,025	7,009	6,624	6,512	401	497	5.7	7.1
25 to 29 years	1,624	1,399	1,521	1,305	1,384	1,153	138	152	9.0	11.7
30 to 34 years	3,530	3,199	3,404	3,078	3,229	2,877	175	201	5.2	6.5
35 to 39 years	2,168	2,700	2,099	2,626	2,011	2,482	88	144	4.2	5.5
40 years and over	1,076	1,336	943	1,172	908	1,120	35	52	3.7	4.4
NONVETERANS										
Total, 25 to 39 years	15,796	16,679	15,022	15,804	14,157	14,740	866	1,065	5.8	6.7
25 to 29 years	7,219	7,498	6,821	7,055	6,327	6,481	494	574	7.2	8.1
30 to 34 years	4,799	5,407	4,589	5,161	4,346	4,856	243	306	5.3	5.9
35 to 39 years	3,779	3,774	3,613	3,588	3,484	3,403	129	185	3.6	5.2

NOTE: Vietnam-era veterans are males who served in the Armed Forces between August 5, 1964 and May 7, 1975. Nonveterans are males who have never served in the Armed Forces. published data are limited to those 25 to 39 years of age, the group that most closely corresponds to the bulk of the Vietnam-era veteran population.

A-68. Employment status of male Vietnam-era veterans and nonveterans by age, race, and Hispanic origin

[Numbers in thousands]

Employment status and age	Veterans						Nonveterans					
	White		Black and other		Hispanic origin		White		Black and other		Hispanic origin	
	IV 1980	IV 1981	IV 1980	IV 1981	IV 1980	IV 1981	IV 1980	IV 1981	IV 1980	IV 1981	IV 1980	IV 1981
Total, 25 to 39 years:												
Civilian noninstitutional population	6,601	6,561	721	737	275	291	13,722	14,520	2,074	2,159	1,187	1,324
Civilian labor force	6,362	6,331	662	678	256	272	13,165	13,899	1,857	1,965	1,116	1,229
Employed	6,037	5,913	587	599	235	244	12,247	13,091	1,636	1,647	1,020	1,106
Unemployed	325	418	75	79	21	28	918	808	199	258	96	123
Unemployment rate	5.1	6.6	11.3	11.7	8.2	10.3	7.0	5.8	10.7	13.5	8.6	10.0
25 to 29 years												
Civilian noninstitutional population	1,403	1,221	221	176	83	76	5,354	6,576	865	923	511	583
Civilian labor force	1,320	1,153	201	152	79	72	4,057	4,265	764	790	476	537
Employed	1,217	1,032	166	121	74	66	3,665	3,825	662	656	427	482
Unemployed	103	121	35	31	5	6	392	440	102	134	49	56
Unemployment rate	7.8	10.5	17.4	20.4	6.3	8.3	9.7	10.3	13.4	17.0	10.3	10.4
30 to 34 years												
Civilian noninstitutional population	3,232	2,885	298	314	127	115	4,101	4,668	697	739	386	427
Civilian labor force	3,130	2,786	274	292	120	111	3,953	4,493	635	666	366	401
Employed	2,981	2,617	248	260	109	97	3,525	4,263	569	593	337	361
Unemployed	149	169	26	32	11	14	428	230	66	74	27	40
Unemployment rate	4.8	6.1	9.5	11.0	9.2	12.6	10.8	5.1	10.4	11.1	7.5	10.0
35 to 39 years												
Civilian noninstitutional population	1,966	2,455	202	245	65	100	3,267	3,274	512	500	290	314
Civilian labor force	1,912	2,392	187	234	57	89	3,155	3,139	458	449	274	291
Employed	1,839	2,264	173	218	52	81	3,057	3,002	427	402	256	264
Unemployed	73	128	14	16	5	8	98	138	31	48	19	27
Unemployment rate	3.8	5.4	7.5	6.8	(1)	9.0	3.1	4.4	6.8	10.7	6.6	9.3

[1] Percent not shown where base is less than 80,000.

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A-69. Employment status of the noninstitutional population in metropolitan and nonmetropolitan areas by sex, age, and race

(Numbers in thousands)

Employment status, sex, age, and race	Metropolitan areas						Nonmetropolitan areas					
	Total		Central cities		Suburbs		Total		Farm		Nonfarm	
	IV 1980	IV 1981	IV 1980	IV 1981	IV 1980	IV 1981	IV 1980	IV 1981	IV 1980	IV 1981	IV 1980	IV 1981
TOTAL												
Civilian noninstitutional population	111,751	113,416	46,112	46,690	65,639	66,726	53,328	53,855	4,524	4,304	48,804	49,551
Civilian labor force	72,346	73,572	28,889	29,147	43,457	44,425	32,813	33,108	2,855	2,750	29,958	30,358
Percent of population	64.7	64.9	62.6	62.4	66.2	66.6	61.5	61.5	63.1	63.9	61.4	61.3
Employed	67,299	67,920	26,514	26,479	40,785	41,441	30,460	30,325	2,765	2,645	27,695	27,680
Unemployed	5,048	5,652	2,373	2,667	2,675	2,985	2,353	2,782	90	105	2,263	2,677
Unemployment rate	7.0	7.7	8.2	9.2	6.2	6.7	7.2	8.4	3.2	3.8	7.6	8.8
Not in labor force	39,405	39,844	17,224	17,544	22,181	22,300	20,515	20,747	1,670	1,554	18,845	19,193
Males, 20 years and over												
Civilian noninstitutional population	47,317	48,265	19,143	19,532	28,174	28,733	22,776	23,057	2,057	1,985	20,719	21,072
Civilian labor force	37,927	38,501	14,783	15,020	23,144	23,481	17,464	17,516	1,690	1,622	15,774	15,894
Percent of population	80.2	79.8	77.2	76.9	82.1	81.7	76.7	76.0	82.2	81.7	76.1	75.4
Employed	35,756	35,968	13,724	13,818	22,032	22,150	16,445	16,306	1,663	1,578	14,782	14,728
Unemployed	2,171	2,533	1,059	1,202	1,112	1,331	1,018	1,210	27	43	991	1,167
Unemployment rate	5.7	6.6	7.2	8.0	4.8	5.7	5.8	6.9	1.6	2.7	6.3	7.3
Not in labor force	9,390	9,764	4,360	4,512	5,030	5,252	5,313	5,541	367	363	4,946	5,178
Females, 20 years and over												
Civilian noninstitutional population	53,646	54,660	22,727	23,069	30,919	31,591	25,195	25,548	1,959	1,863	23,236	23,685
Civilian labor force	28,587	29,568	11,973	12,204	16,614	17,364	12,455	12,854	904	883	11,551	11,971
Percent of population	53.3	54.1	52.7	52.9	53.7	55.0	49.4	50.3	46.2	47.4	49.7	50.5
Employed	26,794	27,580	11,137	11,237	15,657	16,343	11,588	11,864	865	849	10,723	11,015
Unemployed	1,792	1,987	835	967	957	1,020	866	990	39	35	827	955
Unemployment rate	6.3	6.7	7.0	7.9	5.8	5.9	7.0	7.7	4.3	3.9	7.2	8.0
Not in labor force	25,059	25,093	10,754	10,865	14,305	14,228	12,741	12,694	1,055	979	11,686	11,715
Both sexes, 16-19 years												
Civilian noninstitutional population	10,788	10,491	4,241	4,089	6,547	6,402	5,356	5,249	509	456	4,847	4,793
Civilian labor force	5,833	5,503	2,132	1,922	3,701	3,581	2,895	2,738	260	245	2,635	2,493
Percent of population	54.1	52.5	50.3	47.0	56.5	55.9	54.0	52.2	51.1	53.7	54.4	52.0
Employed	4,749	4,372	1,654	1,424	3,095	2,948	2,427	2,155	236	218	2,191	1,937
Unemployed	1,084	1,132	479	499	605	633	468	582	24	27	444	555
Unemployment rate	18.6	20.6	22.5	26.0	16.3	17.7	16.2	21.3	9.3	11.1	16.9	22.3
Not in labor force	4,955	4,987	2,109	2,167	2,846	2,820	2,461	2,512	249	211	2,212	2,301
White												
Civilian noninstitutional population	95,622	96,959	34,857	35,210	60,765	61,749	48,735	49,043	4,263	4,067	44,472	44,976
Civilian labor force	62,313	63,412	22,099	22,332	40,214	41,080	30,168	30,333	2,718	2,640	27,450	27,693
Percent of population	65.2	65.4	63.4	63.4	66.2	66.5	61.9	61.8	63.8	64.9	61.7	61.6
Employed	58,584	59,263	20,689	20,776	37,895	38,487	28,186	27,994	2,643	2,548	25,543	25,446
Unemployed	3,729	4,149	1,410	1,556	2,319	2,593	1,982	2,339	75	92	1,907	2,247
Unemployment rate	6.0	6.5	6.4	7.0	5.8	6.3	6.6	7.7	2.7	3.5	6.9	8.1
Not in labor force	33,309	33,547	12,758	12,878	20,551	20,669	18,567	18,710	1,545	1,427	17,022	17,283
Black and other												
Civilian noninstitutional population	16,129	16,457	11,255	11,480	4,874	4,977	4,593	4,811	261	237	4,332	4,574
Civilian labor force	10,033	10,160	6,789	6,814	3,244	3,346	2,646	2,774	137	110	2,509	2,664
Percent of population	62.2	61.7	60.3	59.4	66.6	67.2	57.6	57.7	52.3	46.5	57.9	58.2
Employed	8,715	8,657	5,825	5,702	2,890	2,955	2,274	2,331	121	97	2,153	2,234
Unemployed	1,318	1,503	963	1,111	355	391	371	443	15	14	356	429
Unemployment rate	13.1	14.8	14.2	16.3	10.9	11.7	14.0	16.0	11.3	12.3	14.2	16.1
Not in labor force	6,096	6,297	4,466	4,666	1,630	1,631	1,948	2,037	125	127	1,823	1,910

A-70. Employment status of the noninstitutional population in poverty and nonpoverty areas by race

(Number in thousands)

Employment status and race	Total United States				Metropolitan areas				Nonmetropolitan areas			
	Poverty areas		Nonpoverty areas		Poverty areas		Nonpoverty areas		Poverty areas		Nonpoverty areas	
	IV 1980	IV 1981	IV 1980	IV 1981	IV 1980	IV 1981	IV 1980	IV 1981	IV 1980	IV 1981	IV 1980	IV 1981
TOTAL												
Civilian noninstitutional population	29,362	29,332	135,718	137,939	11,026	11,091	100,725	102,325	18,336	18,240	34,992	35,615
Civilian labor force	16,556	16,426	88,603	90,254	5,992	5,985	66,354	67,587	10,565	10,440	22,249	22,667
Percent of population	56.4	56.0	65.3	65.4	54.3	54.0	65.9	66.1	57.6	57.2	63.6	63.6
Employed	14,915	14,548	82,845	83,698	5,170	5,107	62,129	62,813	9,745	9,440	20,715	20,885
Unemployed	1,642	1,878	5,759	6,556	822	878	4,225	4,774	1,820	1,000	1,533	1,782
Unemployment rate	9.9	11.4	6.5	7.3	13.7	14.7	6.4	7.1	7.8	9.6	6.9	7.9
Not in labor force	12,805	12,906	47,114	47,685	5,034	5,106	34,371	34,738	7,771	7,800	12,743	12,947
White												
Civilian noninstitutional population	20,891	20,684	123,465	125,318	5,572	5,635	91,050	91,324	15,320	15,050	33,415	33,994
Civilian labor force	12,083	11,867	80,398	81,878	3,129	3,164	59,184	60,248	8,953	8,703	21,214	21,630
Percent of population	57.8	57.4	65.1	65.3	56.2	56.2	65.7	66.0	58.4	57.8	63.5	63.6
Employed	11,186	10,864	75,584	76,394	2,821	2,862	55,763	56,402	8,365	8,002	19,821	19,992
Unemployed	897	1,003	4,814	5,485	309	303	3,421	3,846	588	701	1,393	1,638
Unemployment rate	7.4	8.5	6.0	6.7	9.9	9.6	5.8	6.4	6.6	8.1	6.6	7.6
Not in labor force	8,809	8,817	43,067	43,440	2,442	2,470	30,866	31,076	6,367	6,347	12,200	12,364
Black and other												
Civilian noninstitutional population	8,470	8,647	12,253	12,621	5,454	5,457	10,675	11,000	3,016	3,191	1,577	1,621
Civilian labor force	4,474	4,558	8,205	8,376	2,862	2,821	7,171	7,339	1,611	1,737	1,035	1,037
Percent of population	52.8	52.7	67.0	66.4	52.5	51.7	67.2	66.7	53.4	54.5	65.6	64.0
Employed	3,729	3,684	7,260	7,305	2,349	2,246	6,366	6,411	1,380	1,438	894	893
Unemployed	745	875	945	1,071	514	575	805	928	231	299	140	144
Unemployment rate	16.6	19.2	11.5	12.8	17.9	20.4	11.2	12.6	14.3	17.2	13.6	13.9
Not in labor force	3,996	4,089	4,047	4,245	2,592	2,636	3,504	3,661	1,405	1,453	543	584

A-71. Unemployment rates in poverty and nonpoverty areas by race, sex, and age

Race, sex, and age	Total United States				Metropolitan areas				Nonmetropolitan areas			
	Poverty areas		Nonpoverty areas		Poverty areas		Nonpoverty areas		Poverty areas		Nonpoverty areas	
	IV 1980	IV 1981	IV 1980	IV 1981	IV 1980	IV 1981	IV 1980	IV 1981	IV 1980	IV 1981	IV 1980	IV 1981
TOTAL												
Both sexes, 16 years and over	9.9	11.4	6.5	7.3	13.7	14.7	6.4	7.1	7.8	9.6	6.9	7.9
Males, 20 years and over	7.8	9.7	5.4	6.1	11.1	13.5	5.3	6.0	6.1	7.6	5.7	6.6
Females, 20 years and over	9.8	10.4	5.9	6.4	12.7	12.3	5.7	6.2	8.0	9.2	6.5	7.0
Both sexes, 16-19 years	23.5	28.4	16.7	19.4	35.3	34.9	17.0	19.3	17.2	24.8	15.7	19.7
White												
Both sexes, 16 years and over	7.4	8.5	6.0	6.7	9.9	9.6	5.8	6.4	6.6	8.1	6.6	7.6
Males, 20 years and over	6.1	7.4	4.9	5.6	8.3	9.7	4.8	5.3	5.3	6.5	5.4	6.4
Females, 20 years and over	7.1	7.3	5.4	5.9	8.6	7.5	5.1	5.7	6.6	7.2	6.2	6.7
Both sexes, 16-19 years	17.4	21.4	15.2	17.9	25.6	19.2	15.4	17.4	14.6	22.1	14.9	18.9
Black and other												
Both sexes, 16 years and over	16.6	19.2	11.5	12.8	17.9	20.4	11.2	12.6	14.3	17.2	13.6	13.9
Males, 20 years and over	13.4	16.7	10.1	11.7	14.8	18.7	9.7	11.8	11.1	13.5	12.2	11.6
Females, 20 years and over	15.6	17.0	9.7	10.4	16.2	16.6	9.5	10.2	14.6	17.5	11.1	12.0
Both sexes, 16-19 years	41.4	46.2	33.8	38.3	46.6	50.3	33.4	38.3	32.3	38.9	35.7	38.5

A-72. Unemployment in families by type of family, race, Hispanic origin, and presence of employed family members

(Numbers in thousands)

Type of family, race, and Hispanic origin	IV 1980					IV 1981				
	Total families	With unemployment:				Total families	With unemployment:			
		Total	Percent of families:				Total	Percent of families:		
			With no employed person in family	With at least one employed person in family	With at least one person in family employed full time			With no employed person in family	With at least one employed person in family	With at least one person in family employed full time
TOTAL										
Total families	59,535	5,786	29.4	70.6	62.5	60,038	6,467	28.8	71.2	61.9
With children under 18 years of age	30,304	3,610	30.4	69.6	61.4	30,459	4,004	**30.8**	**69.2**	59.8
Married-couple families	48,325	4,218	21.3	78.7	70.9	48,463	4,723	21.5	78.5	69.9
With children under 18 years of age	24,114	2,650	20.3	79.7	71.7	24,068	2,975	21.3	78.7	69.8
Families maintained by females	8,913	1,298	52.8	47.2	37.5	9,197	1,417	50.7	49.3	37.9
With children under 18 years of age	5,395	851	59.0	41.0	31.8	5,589	919	59.8	40.2	29.8
Families maintained by males	2,297	271	42.2	57.8	50.7	2,378	328	39.5	60.5	49.5
With children under 18 years of age	795	110	52.7	47.3	41.8	802	**110**	49.1	50.9	41.8
White										
Total families	52,123	4,514	26.3	73.7	65.5	52,499	5,029	26.0	74.0	64.7
With children under 18 years of age	25,838	2,738	26.3	73.7	65.3	25,900	3,038	27.1	72.9	63.4
Married-couple families	44,121	3,608	21.2	78.8	70.9	44,214	3,974	21.4	78.6	69.9
With children under 18 years of age	21,710	2,229	19.9	80.1	71.6	21,600	2,464	21.2	78.8	69.7
Families maintained by females	6,152	711	48.3	51.7	42.0	6,338	815	44.7	55.3	43.4
With children under 18 years of age	3,492	428	54.7	45.3	36.2	3,632	492	53.4	46.6	34.8
Families maintained by males	1,850	195	42.1	57.9	50.3	1,947	240	39.2	60.8	50.4
With children under 18 years of age	636	81	51.2	48.8	42.0	668	82	45.1	54.9	46.3
Black										
Total families	6,449	1,177	40.6	59.4	51.1	6,520	1,314	39.0	61.0	51.7
With children under 18 years of age	3,908	806	43.9	56.1	48.4	3,930	878	43.3	56.7	48.2
Married-couple families	3,455	545	21.1	78.9	71.7	3,451	661	21.4	78.6	70.9
With children under 18 years of age	1,952	371	20.5	79.5	73.3	1,966	449	21.2	78.8	71.0
Families maintained by females	2,616	566	59.0	41.0	31.1	2,702	574	59.0	41.0	30.3
With children under 18 years of age	1,817	408	64.1	35.9	26.2	1,853	405	67.4	32.6	23.5
Families maintained by males	378	66	44.6	55.4	52.3	367	79	41.8	58.2	46.8
With children under 18 years of age	138	27	(1)	(1)	(1)	111	24	(1)	(1)	(1)
Hispanic origin										
Total families	3,194	431	31.9	68.1	60.0	3,367	482	31.3	68.7	59.5
With children under 18 years of age	2,215	319	32.8	67.2	59.4	2,292	344	32.2	67.8	59.1
Married-couple families	2,334	326	24.2	76.0	67.2	2,455	350	24.8	75.2	67.2
With children under 18 years of age	1,639	244	24.6	75.4	67.2	1,711	272	24.5	75.5	67.0
Families maintained by females	683	83	60.2	39.8	34.9	722	100	69.0	**31.0**	37.0
With children under 18 years of age	512	59	(1)	(1)	(1)	526	65	61.5	38.5	26.1
Families maintained by males	178	23	(1)	(1)	(1)	190	31	(1)	(1)	(1)
With children under 18 years of age	64	16	(1)	(1)	(1)	54	7	(1)	(1)	(1)

[1] Percent not shown where base is less than 60,000.

A-73. Unemployed persons by family relationship, race, Hispanic origin, and presence of employed family members

(Numbers in thousands)

Family relationship, race, and Hispanic origin	IV 1980				IV 1981			
	Total	Percent of unemployed:			Total	Percent of unemployed:		
		With no employed persons in family	With at least one employed person in family	With at least one person in family employed full time		With no employed persons in family	With at least one employed person in family	With at least one person in family employed full time
TOTAL								
Total unemployed	7,401	41.4	58.6	51.6	8,434	40.9	59.1	51.3
In families	6,346	31.7	68.3	60.2	7,229	31.0	69.0	59.8
Husbands	1,498	45.4	54.6	41.2	1,780	44.6	55.4	41.9
With children under 18 years of age	970	48.1	51.9	36.8	1,160	48.5	51.5	36.9
Wives	1,371	18.6	81.4	76.2	1,513	18.1	81.9	75.7
With children under 18 years of age	860	14.3	85.7	80.7	973	16.8	83.2	76.8
Relatives in married-couple families	1,718	9.4	90.6	85.6	1,965	10.5	89.5	83.9
Females who maintain families	535	82.6	17.4	10.1	600	81.0	19.0	10.8
With children under 18 years of age	451	87.5	12.5	5.9	491	89.3	10.7	4.1
Relatives in families maintained by females	924	37.1	62.9	52.7	1,000	32.5	67.5	54.2
Males who maintain families	118	71.4	28.6	18.6	144	65.7	34.3	23.8
With children under 18 years of age	59	(2)	(2)	(2)	62	78.6	21.4	13.6
Relatives in families maintained by males	183	26.0	74.0	67.9	227	27.4	72.6	62.8
Not in families[1]	1,055	—	—	—	1,205	—	—	—
White								
Total unemployed	5,711	39.2	60.8	53.8	6,488	38.9	61.1	53.3
In families	4,878	28.8	71.2	63.0	5,539	28.4	71.6	62.4
Husbands	1,281	45.0	55.0	40.8	1,487	44.8	55.2	40.7
With children under 18 years of age	813	48.3	51.7	35.1	942	49.1	50.9	35.2
Wives	1,174	18.5	81.5	76.4	1,273	17.5	82.5	76.7
With children under 18 years of age	718	14.1	85.9	80.9	798	15.6	84.4	77.9
Relatives in married-couple families	1,432	9.0	91.0	86.2	1,630	10.6	89.4	84.2
Females who maintain families	275	79.9	20.1	11.6	327	75.4	24.6	14.3
With children under 18 years of age	221	86.6	13.4	5.7	253	87.4	12.6	4.9
Relatives in families maintained by females	500	34.2	65.8	56.2	546	27.1	72.9	60.0
Males who maintain families	82	70.0	30.0	18.5	106	64.2	35.8	26.5
With children under 18 years of age	41	(2)	(2)	(2)	46	(2)	(2)	(2)
Relatives in families maintained by males	133	26.7	73.3	66.8	170	30.3	69.7	59.9
Not in families[1]	833	—	—	—	949	—	—	—
Black								
Total unemployed	1,538	49.4	50.6	43.6	1,776	47.7	52.3	44.3
In families	1,345	42.2	57.8	49.9	1,543	39.8	60.2	50.9
Husbands	186	45.3	54.7	45.7	256	47.8	57.2	50.2
With children under 18 years of age	134	43.8	56.2	47.9	188	45.3	54.7	45.9
Wives	168	20.2	79.8	73.7	206	21.4	78.6	70.5
With children under 18 years of age	123	15.8	84.2	79.6	148	22.0	78.0	71.7
Relatives in married-couple families	251	11.8	88.2	82.0	300	9.7	90.3	83.0
Females who maintain families	253	86.0	14.0	7.9	257	88.0	12.0	6.1
With children under 18 years of age	224	88.7	11.3	5.4	226	91.3	8.7	3.0
Relatives in families maintained by females	411	40.7	59.3	48.3	437	39.0	61.0	46.9
Males who maintain families	31	(2)	(2)	(2)	33	(2)	(2)	(2)
With children under 18 years of age	16	(2)	(2)	(2)	13	(2)	(2)	(2)
Relatives in families maintained by males	44	(2)	(2)	(2)	53	(2)	(2)	(2)
Not in families[1]	193	—	—	—	233	—	—	—
Hispanic origin								
Total unemployed	548	40.9	59.1	52.2	629	43.2	56.8	48.8
In families	485	33.1	66.9	59.0	543	34.2	65.8	56.6
Husbands	129	52.0	48.0	36.2	154	50.2	49.8	39.2
With children under 18 years of age	103	52.4	47.6	35.4	124	50.9	49.1	38.1
Wives	90	17.1	82.9	74.8	102	13.1	86.9	79.3
With children under 18 years of age	64	14.5	85.5	78.7	74	11.7	88.3	80.8
Relatives in married-couple families	148	8.5	91.5	84.6	133	12.2	87.8	82.0
Females who maintain families	33	(2)	(2)	(2)	45	(2)	(2)	(2)
With children under 18 years of age	28	(2)	(2)	(2)	35	(2)	(2)	(2)
Relatives in families maintained by females	60	47.1	52.9	48.2	64	34.3	65.7	51.2
Males who maintain families	11	(2)	(2)	(2)	19	(2)	(2)	(2)
With children under 18 years of age	9	(2)	(2)	(2)	5	(2)	(2)	(2)
Relatives in families maintained by males	15	(2)	(2)	(2)	25	(2)	(2)	(2)
Not in families[1]	63	—	—	—	86	—	—	—

[1] The majority of these persons are living alone or with nonrelatives. Also included are persons in married-couple families where the husband is in the Armed Forces, persons in secondary families, and some whose status is unknown.

[2] Percent not shown where base is less than 60,000.

HOUSEHOLD DATA
QUARTERLY AVERAGES

A-74. Employed persons by family relationship, race, Hispanic origin, and presence of additional employed family memb

(Numbers in thousands)

Family relationship, race, and Hispanic origin	IV 1980				IV 1981			
	Total	Percent of employed:			Total	Percent of employed:		
		With no other employed person in family	With another employed person in family	With another person in family employed full time		With no other employed person in family	With another employed person in family	With another person in family employed full ti
TOTAL								
Total employed	97,759	37.8	62.2	52.6	98,246	37.9	62.1	52.1
In families	82,872	26.6	73.4	62.1	82,941	26.4	73.6	61.7
Husbands	37,546	37.1	62.9	45.2	37,133	36.1	63.9	45.2
With children under 18 years of age	22,103	39.7	60.3	39.3	21,875	38.6	61.4	39.4
Wives	23,200	9.6	90.4	85.5	23,520	9.9	90.1	85.0
With children under 18 years of age	12,401	5.4	94.6	90.8	12,644	6.1	93.9	89.8
Relatives in married-couple families	11,055	5.7	94.3	90.5	10,941	6.2	93.8	89.5
Females who maintain families	3,757	66.3	33.7	22.3	4,996	67.1	32.9	21.6
With children under 18 years of age	3,163	78.4	21.6	10.7	3,329	79.3	20.7	10.0
Relatives in families maintained by females	3,488	27.6	72.4	61.2	3,489	28.2	71.8	60.0
Males who maintain families	1,656	56.8	43.2	32.3	1,627	58.0	42.0	31.4
With children under 18 years of age	669	70.0	30.0	15.8	660	74.0	26.0	14.9
Relatives in families maintained by males	1,171	15.5	84.5	78.2	1,234	19.0	81.0	72.7
Not in families[1]	14,887	--	--	--	15,305	--	--	--
White								
Total employed	86,770	37.3	62.7	52.8	87,258	37.3	62.7	52.3
In families	73,702	26.2	73.8	62.2	73,829	25.9	74.1	61.8
Husbands	34,431	37.7	62.3	44.1	34,041	36.5	63.5	44.2
With children under 18 years of age	20,073	40.6	59.4	37.6	19,822	39.3	60.7	37.7
Wives	20,845	9.1	90.9	86.0	21,165	9.4	90.6	85.5
With children under 18 years of age	10,957	4.9	95.1	91.3	11,162	5.6	94.6	90.5
Relatives in married-couple families	10,090	5.6	94.4	90.8	9,976	6.1	93.9	89.7
Females who maintain families	3,438	64.8	35.2	22.6	3,615	64.7	35.3	22.9
With children under 18 years of age	2,239	77.2	22.8	10.0	2,365	78.0	22.0	10.0
Relatives in families maintained by females	2,594	27.5	72.5	61.4	2,674	28.3	71.7	60.2
Males who maintain families	1,355	56.2	42.8	32.5	1,356	58.0	42.0	30.8
With children under 18 years of age	550	68.3	31.7	16.2	565	72.3	27.7	15.6
Relatives in families maintained by males	949	14.9	85.1	78.6	1,001	19.9	80.1	71.6
Not in families[1]	13,068	--	--	--	13,429	--	--	--
Black								
Total employed	9,157	43.1	56.9	49.7	9,146	44.1	55.9	48.4
In families	7,630	31.7	68.3	59.6	7,555	32.3	67.7	58.6
Husbands	2,530	30.6	69.4	57.4	2,679	30.3	69.7	57.8
With children under 18 years of age	1,640	31.1	68.9	56.2	1,622	30.4	69.6	57.9
Wives	1,875	14.6	85.4	80.1	1,873	15.5	84.5	78.1
With children under 18 years of age	1,151	10.3	89.7	85.4	1,174	12.2	87.8	82.6
Relatives in married-couple families	735	7.8	92.2	86.6	717	8.0	92.0	86.1
Females who maintain families	1,236	71.2	28.8	21.1	1,299	73.8	26.2	18.1
With children under 18 years of age	878	82.2	17.8	11.8	910	82.9	17.1	10.0
Relatives in families maintained by females	822	29.2	70.8	59.1	762	28.6	71.6	59.2
Males who maintain families	251	61.2	38.8	30.2	230	58.0	42.0	33.9
With children under 18 years of age	105	76.7	23.3	14.9	82	85.3	14.7	9.0
Relatives in families maintained by males	181	20.9	79.1	75.2	194	16.2	83.8	74.6
Not in families[1]	1,527	--	--	--	1,591	--	--	--
Hispanic origin								
Total employed	5,046	38.9	61.1	52.9	5,214	38.8	61.2	52.4
In families	4,373	29.5	70.5	61.0	4,550	29.9	70.1	60.6
Husbands	1,912	42.4	57.6	44.5	2,011	41.8	58.2	45.0
With children under 18 years of age	1,430	44.6	55.4	42.0	1,472	44.8	55.2	41.6
Wives	1,015	8.0	92.0	86.3	1,061	9.3	90.7	85.1
With children under 18 years of age	705	7.0	93.0	87.3	723	8.6	91.4	87.0
Relatives in married-couple families	689	6.4	93.6	86.7	679	5.8	94.2	87.4
Females who maintain families	294	72.9	27.1	19.4	307	71.3	28.7	20.0
With children under 18 years of age	222	80.2	19.8	11.1	220	80.6	19.4	11.8
Relatives in families maintained by females	192	26.4	73.6	62.4	237	31.7	68.3	54.1
Males who maintain families	145	51.6	48.4	42.6	129	51.8	48.2	36.4
With children under 18 years of age	51	(2)	(2)	(2)	44	(2)	(2)	(2)
Relatives in families maintained by males	127	9.2	90.8	84.9	125	16.0	84.0	68.8
Not in families[1]	673	--	--	--	664	--	--	--

[1] The majority of these persons are living alone or with nonrelatives. Also included are persons in married-couple families where the husband is in the Armed Forces, persons in secondary families, and some whose status is unknown.

[2] Percent not shown where base is less than 60,000.

A-75. Median weekly earnings of families by type of family, number of earners, race, and Hispanic origin

Type of family, number of earners, race, and Hispanic origin	Number of families (in thousands)		Median weekly earnings			
					Percent change over the year in:	
	III 1980	III 1981	III 1980	III 1981	Current dollars	Constant dollars
TOTAL						
Total families with earners[1]	40,276	40,508	$412	$443	7.4	-3.0
Married-couple families	33,019	33,227	443	481	8.7	-1.9
One earner	14,711	14,274	316	338	6.9	-3.5
Husband	12,039	11,657	348	379	8.7	-1.8
Wife	2,013	1,973	166	188	12.7	1.7
Other family member	659	644	169	183	8.2	-2.3
Two or more earners	18,308	18,953	551	597	8.3	-2.2
Husband and wife	15,197	15,716	553	601	8.7	-1.9
Husband and other family member(s)	2,510	2,599	581	618	6.4	-4.0
Wife and other family member(s)	439	475	384	362	-5.7	-10.9
Other family members only	163	163	366	333	-9.2	-10.0
Families maintained by females	5,558	5,700	235	248	5.8	-4.5
One earner	3,872	4,043	193	203	5.3	-4.9
Householder	2,901	3,096	196	211	7.8	-2.7
Other family member	971	947	181	175	-3.4	-12.8
Two or more earners	1,686	1,657	381	410	7.6	-2.9
Families maintained by males	1,699	1,581	371	389	4.7	-5.5
One earner	1,075	1,001	289	314	8.8	-1.8
Two or more earners	624	580	534	540	1.1	-8.7
White						
Total families with earners[1]	35,136	35,347	422	457	8.3	-2.3
Married-couple families	29,689	29,927	447	489	9.4	-1.3
One earner	13,472	12,979	324	349	7.7	-2.8
Husband	11,207	10,769	355	389	9.6	-1.0
Wife	1,675	1,640	170	188	10.7	.0
Two or more earners	16,218	16,948	557	603	8.4	-2.1
Husband and wife	13,420	14,054	558	607	8.6	-1.9
Families maintained by females	4,069	4,132	245	256	4.8	-5.4
Families maintained by males	1,378	1,288	391	409	4.8	-5.4
Black						
Total families with earners[1]	4,435	4,455	317	324	2.3	-7.6
Married-couple families	2,776	2,752	393	397	1.0	-8.8
One earner	1,034	1,095	213	246	15.6	4.4
Husband	674	731	247	280	13.2	2.2
Wife	304	303	145	186	27.9	15.5
Two or more earners	1,742	1,656	498	516	4.3	-5.9
Husband and wife	1,488	1,365	502	533	6.3	-4.0
Families maintained by females	1,385	1,458	200	228	13.9	2.8
Families maintained by males	273	246	276	310	12.3	1.3
Hispanic origin						
Total families with earners[1]	2,339	2,472	316	346	9.7	-.9
Married-couple families	1,840	1,977	335	372	11.2	.4
One earner	922	942	232	242	4.2	-6.0
Husband	800	799	244	263	7.7	-2.7
Wife	87	97	(2)	(2)	--	--
Two or more earners	918	1,036	472	488	3.4	-6.7
Husband and wife	709	812	484	491	1.5	-8.4
Families maintained by females	330	356	213	231	8.6	-2.0
Families maintained by males	169	139	360	319	-11.3	-19.9

[1] Data exclude families in which there is no wage or salary earner or in which the husband, wife, or other person maintaining the family is either self-employed or in the Armed Forces.

[2] Median not shown where base is less than 100,000.

NOTE: The Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W) is used to deflate these earnings data. Because the index for the most recent quarter is not available at the time *Employment and Earnings* is published, it is necessary to lag the publication of these tables by 1 quarter.

A-76. Families with unemployed members and wage and salary workers by type of family and median weekly earnings

Type of family and relationship of unemployed members to wage and salary earners	Number of families (in thousands)		Median weekly earnings			
	III 1980	III 1981	III 1980	III 1981	Percent change over the year in: Current dollars	Constant dollars
Married-couple families[1]	3,396	3,309	$343	$361	5.3	-4.
Husband unemployed	879	781	187	201	7.2	-3.
Wife only earner	649	598	176	188	6.8	-3.
Wife and other earner(s)	116	105	371	366	-1.2	-10.
Other earner(s) only	115	79	148	140	-5.1	-14.
Wife unemployed	1,156	1,137	327	337	3.1	-6.
Husband only earner	981	964	311	317	1.9	-8.
Husband and other earner(s)	176	148	477	555	16.3	5.
Other earner(s) only	40	25	(2)	(2)	--	--
Other member(s) unemployed	1,361	1,390	489	536	9.5	-1.
Husband or wife earner	658	637	411	447	8.8	-1.
Both husband and wife earners	664	706	587	610	3.8	-6.
Other combinations of earners	39	47	(2)	(2)	--	--
Families maintained by females[1]	622	664	219	218	-.8	-10.
Householder unemployed	96	92	(2)	(2)	--	--
Other member(s) unemployed	526	572	$230	$229	-.5	-10.
Families maintained by males[1]	213	199	350	301	-13.8	-22.

[1] Data exclude families in which there is no wage or salary earner or in which the husband, wife, or other person maintaining the family is either self-employed or in the Armed Forces.

[2] Median not shown where base is less than 100,000.

A-77. Median weekly earnings of full-time wage and salary workers by selected characteristics

Characteristic	Number of workers (in thousands)		Median weekly earnings			
					Percent change over the year in :	
	III 1980	III 1981	III 1980	III 1981	Current dollars	Constant dollars
SEX AND AGE						
Total, 16 years and over	71,737	72,783	$266	$287	8.0	-2.5
Males, 16 years and over	43,755	44,267	321	346	7.6	-2.9
16 to 24 years	8,591	8,532	212	220	3.9	-6.2
25 years and over	35,165	35,735	350	381	9.0	-1.6
Females, 16 years and over	27,982	28,517	205	225	9.6	-1.1
16 to 24 years	6,617	6,478	168	182	8.2	-2.3
25 years and over	21,365	22,039	221	239	8.3	-2.2
FAMILY RELATIONSHIP						
Husbands	29,396	29,553	353	387	9.6	-1.0
Wives	14,260	14,502	211	230	8.6	-1.9
Others in married-couple families	7,398	7,877	178	190	6.6	-3.8
Females who maintain families	3,676	3,764	215	232	7.8	-2.7
Others in such families	2,564	2,525	194	198	2.4	-7.6
Males who maintain families	1,400	1,268	317	341	7.6	-2.8
Others in such families	919	863	196	207	5.6	-4.7
All other males[1]	6,576	6,832	299	324	8.3	-2.2
All other females[1]	5,548	5,600	222	248	12.1	1.2
RACE AND HISPANIC ORIGIN						
White	62,923	63,935	273	294	7.4	-3.0
Males	39,036	39,501	328	354	7.9	-2.6
Females	23,887	24,434	207	226	9.3	-1.3
Black	7,420	7,421	220	241	9.8	-.9
Males	3,971	3,998	247	276	11.6	.8
Females	3,449	3,422	192	212	10.7	-.1
Hispanic origin	4,155	4,246	214	230	7.6	-2.9
Males	2,644	2,794	236	251	6.3	-4.0
Females	1,511	1,452	177	193	9.2	-1.4

[1] The majority of these persons are living alone or with nonrelatives. Also included are persons in married-couple families where the husband is in the Armed Forces, persons in secondary families, and some whose family status is unknown.

A-78. Median weekly earnings of part-time wage and salary workers by selected characteristics

Characteristic	Number of workers (in thousands)		Median weekly earnings			
	III 1980	III 1981	III 1980	III 1981	Percent change over the year in: Current dollars	Constant dollars
SEX AND AGE						
Total, 16 years and over	14,491	14,833	$77	$84	9.0	-1.6
Males, 16 years and over	4,409	4,514	76	82	7.0	-3.4
16 to 24 years	2,711	2,728	72	75	3.2	-6.9
25 years and over	1,697	1,785	89	102	14.1	3.0
Females, 16 years and over	10,083	10,320	77	86	11.4	.5
16 to 24 years	3,599	3,565	65	75	15.4	4.2
25 years and over	6,484	6,755	87	96	8.2	-2.3
FAMILY RELATIONSHIP						
Husbands	1,193	1,255	93	101	8.9	-1.7
Wives	5,195	5,377	89	96	7.4	-3.1
Others in married-couple families	4,237	4,247	64	72	11.9	1.1
Females who maintain families	690	753	83	92	11.0	.2
Others in such families	943	1,009	68	72	6.7	-3.7
Males who maintain families	90	80	(2)	(2)	--	--
Others in such families	211	249	82	79	-4.4	-13.7
All other males[1]	626	586	94	103	10.2	-.6
All other females[1]	1,307	1,278	74	89	20.5	8.8
RACE AND HISPANIC ORIGIN						
White	12,797	13,180	77	88	9.2	-1.4
Males	3,777	3,917	76	82	8.0	-2.5
Females	9,020	9,263	78	86	11.3	.5
Black	1,431	1,425	73	82	12.0	1.1
Males	528	509	79	81	3.0	-7.0
Females	903	916	70	83	17.2	5.8
Hispanic origin	579	678	89	92	3.8	-6.3
Males	225	237	93	90	-2.9	-12.3
Females	354	442	82	94	14.6	3.5

[1] The majority of these persons are living alone or with nonrelatives. Also included are persons in married-couple families where the husband is in the Armed Forces, persons in secondary families, and some whose family status is unknown.

[2] Median not shown where base is less than 100,000.

A-79. Median weekly earnings of full-time wage and salary workers by occupation and sex

Occupation and sex	Number of workers (in thousands)		Median weekly earnings			
	III 1980	III 1981	III 1980	III 1981	Percent change over the year in: Current dollars	Constant dollars
TOTAL						
Professional and technical workers	12,120	12,295	$340	$377	11.0	0.2
Managers and administrators, except farm	7,721	7,782	391	414	5.8	-4.4
Sales workers	3,559	3,551	273	295	8.0	-2.5
Clerical workers	14,131	14,168	217	234	8.0	-2.5
Craft and kindred workers	10,631	10,595	327	359	10.1	-.6
Operatives, except transport	9,105	9,740	226	242	7.1	-3.3
Transport equipment operatives	2,915	2,852	293	309	5.5	-4.8
Nonfarm laborers	3,323	3,540	216	236	9.3	-1.4
Service workers	7,442	7,361	179	190	6.6	-3.8
Farm workers	790	901	173	175	1.1	-8.7
Males						
Professional and technical workers	6,970	6,998	403	436	8.3	-2.2
Managers and administrators, except farm	5,700	5,692	440	476	8.0	-2.5
Sales workers	2,353	2,328	333	371	11.3	.4
Clerical workers	3,186	3,070	304	326	7.3	-3.2
Craft and kindred workers	10,028	10,026	333	367	10.0	-.7
Operatives, except transport	5,515	6,032	274	298	8.6	-2.0
Transport equipment operatives	2,789	2,693	295	315	6.7	-3.7
Nonfarm laborers	2,974	3,172	223	242	9.0	-1.6
Service workers	3,560	3,458	223	233	4.7	-5.5
Farm workers	679	797	179	180	.6	-9.2
Females						
Professional and technical workers	5,150	5,297	289	323	11.5	.7
Managers and administrators, except farm	2,021	2,090	264	285	7.7	-2.8
Sales workers	1,206	1,223	174	194	10.9	.1
Clerical workers	10,945	11,099	201	221	9.9	-.8
Craft and kindred workers	603	569	209	238	13.8	2.8
Operatives, except transport	3,590	3,708	176	187	6.6	-3.8
Transport equipment operatives	126	159	244	239	-2.1	-11.6
Nonfarm laborers	349	368	168	191	13.3	2.3
Service workers	3,882	3,902	148	167	12.7	1.8
Farm workers	110	104	139	141	1.3	-8.6

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B-1. Employees on nonagricultural payrolls by industry division, 1930 to date

(In thousands)

Year and month	Total	Goods-producing				Service-producing									
		Total	Mining	Construction	Manufacturing	Total	Transportation and public utilities	Wholesale and retail trade			Finance, insurance,[1] and real estate	Services	Government		
								Total	Wholesale trade	Retail trade			Total	Federal	State and local
Annual averages															
1930	29,409	11,958	1,009	1,387	9,562	17,451	3,685	5,797	–	–	1,460	3,361	3,148	526	2,622
1931	26,635	10,272	873	1,229	8,170	16,363	3,254	5,284	–	–	1,392	3,169	3,264	560	2,704
1932	23,615	8,647	731	985	6,931	14,968	2,816	4,683	–	–	1,326	2,918	3,225	559	2,666
1933	23,699	8,965	744	824	7,397	14,734	2,672	4,755	–	–	1,280	2,861	3,166	565	2,601
1934	25,940	10,261	883	877	8,501	15,679	2,750	5,281	–	–	1,304	3,045	3,299	652	2,647
1935	27,039	10,893	897	927	9,069	16,146	2,786	5,431	–	–	1,320	3,128	3,481	753	2,728
1936	29,068	11,933	946	1,160	9,827	17,135	2,973	5,809	–	–	1,373	3,312	3,668	826	2,842
1937	31,011	12,936	1,015	1,127	10,794	18,075	3,134	6,265	–	–	1,417	3,503	3,756	833	2,923
1938	29,194	11,401	891	1,070	9,440	17,793	2,863	6,179	–	–	1,410	3,458	3,883	829	3,054
1939	30,603	12,297	854	1,163	10,278	18,306	2,936	6,426	1,762	4,664	1,447	3,502	3,995	905	3,090
1940	32,361	13,221	925	1,311	10,985	19,140	3,038	6,750	1,835	4,914	1,485	3,665	4,202	996	3,206
1941	36,539	15,963	957	1,814	13,192	20,574	3,274	7,210	1,960	5,251	1,525	3,905	4,660	1,340	3,320
1942	40,106	18,470	992	2,198	15,280	21,636	3,460	7,118	1,906	5,212	1,509	4,066	5,483	2,213	3,270
1943	42,434	20,114	925	1,587	17,602	22,320	3,647	6,982	1,822	5,160	1,481	4,130	6,080	2,905	3,175
1944	41,864	19,328	892	1,108	17,328	22,536	3,829	7,058	1,845	5,214	1,461	4,145	6,043	2,928	3,116
1945	40,374	17,507	836	1,147	15,524	22,867	3,906	7,314	1,949	5,365	1,481	4,222	5,944	2,808	3,137
1946	41,652	17,248	862	1,683	14,703	24,404	4,061	8,376	2,291	6,084	1,675	4,697	5,595	2,254	3,341
1947	43,857	18,509	955	2,009	15,545	25,348	4,166	8,955	2,471	6,485	1,728	5,025	5,474	1,892	3,582
1948	44,866	18,774	994	2,198	15,582	26,092	4,189	9,272	2,605	6,667	1,800	5,181	5,650	1,863	3,787
1949	43,754	17,565	930	2,194	14,441	26,189	4,001	9,264	2,602	6,662	1,828	5,240	5,856	1,908	3,948
1950	45,197	18,506	901	2,364	15,241	26,691	4,034	9,386	2,635	6,751	1,888	5,357	6,026	1,928	4,098
1951	47,819	19,959	929	2,637	16,393	27,860	4,226	9,742	2,727	7,015	1,956	5,547	6,389	2,302	4,087
1952	48,793	20,198	898	2,668	16,632	28,595	4,248	10,004	2,812	7,192	2,035	5,699	6,609	2,420	4,188
1953	50,202	21,074	866	2,659	17,549	29,128	4,290	10,247	2,854	7,393	2,111	5,835	6,645	2,305	4,340
1954	48,990	19,751	791	2,646	16,314	29,239	4,084	10,235	2,867	7,368	2,200	5,969	6,751	2,188	4,563
1955	50,641	20,513	792	2,839	16,882	30,128	4,141	10,535	2,926	7,610	2,298	6,240	6,914	2,187	4,727
1956	52,369	21,104	822	3,039	17,243	31,266	4,244	10,858	3,018	7,840	2,389	6,497	7,278	2,209	5,069
1957	52,853	20,984	828	2,962	17,174	31,889	4,241	10,886	3,028	7,858	2,438	6,708	7,616	2,217	5,399
1958	51,324	19,513	751	2,817	15,945	31,811	3,976	10,750	2,980	7,770	2,481	6,765	7,839	2,191	5,648
1959[1]	53,268	20,411	732	3,004	16,675	32,857	4,011	11,127	3,082	8,045	2,549	7,087	8,083	2,233	5,850
1960	54,189	20,434	712	2,926	16,796	33,755	4,004	11,391	3,143	8,248	2,629	7,378	8,353	2,270	6,083
1961	53,999	19,857	672	2,859	16,326	34,142	3,903	11,337	3,133	8,204	2,668	7,620	8,594	2,279	6,315
1962	55,549	20,451	650	2,948	16,853	35,098	3,906	11,566	3,198	8,368	2,754	7,982	8,890	2,340	6,550
1963	56,653	20,640	635	3,010	16,995	36,013	3,903	11,778	3,248	8,530	2,830	8,277	9,225	2,358	6,868
1964	58,283	21,005	634	3,097	17,274	37,278	3,951	12,160	3,337	8,823	2,911	8,660	9,596	2,348	7,248
1965	60,765	21,926	632	3,232	18,062	38,839	4,036	12,716	3,466	9,250	2,977	9,036	10,074	2,378	7,696
1966	63,901	23,158	627	3,317	19,214	40,743	4,158	13,245	3,597	9,648	3,058	9,498	10,784	2,564	8,220
1967	65,803	23,308	613	3,248	19,447	42,495	4,268	13,606	3,689	9,917	3,185	10,045	11,391	2,719	8,672
1968	67,897	23,737	606	3,350	19,781	44,160	4,318	14,099	3,779	10,320	3,337	10,567	11,839	2,737	9,102
1969	70,384	24,361	619	3,575	20,167	46,023	4,442	14,705	3,907	10,798	3,512	11,169	12,195	2,758	9,437
1970	70,880	23,578	623	3,588	19,367	47,302	4,515	15,040	3,993	11,047	3,645	11,548	12,554	2,731	9,823
1971	71,214	22,935	609	3,704	18,623	48,278	4,476	15,352	4,001	11,351	3,772	11,797	12,881	2,696	10,185
1972[2]	73,675	23,668	628	3,889	19,151	50,007	4,541	15,949	4,113	11,836	3,908	12,276	13,334	2,684	10,649
1973	76,790	24,893	642	4,097	20,154	51,897	4,656	16,607	4,277	12,329	4,046	12,857	13,732	2,663	11,068
1974	78,265	24,794	697	4,020	20,077	53,471	4,725	16,987	4,433	12,554	4,148	13,441	14,170	2,724	11,446
1975	76,945	22,600	752	3,525	18,323	54,345	4,542	17,060	4,415	12,645	4,165	13,892	14,686	2,748	11,937
1976	79,382	23,352	779	3,576	18,997	56,030	4,582	17,755	4,546	13,209	4,271	14,551	14,871	2,733	12,138
1977	82,471	24,346	813	3,851	19,682	58,125	4,713	18,516	4,708	13,808	4,467	15,303	15,127	2,727	12,399
1978	**86,697**	**25,585**	**851**	**4,229**	**20,505**	**61,113**	**4,923**	**19,542**	**4,969**	**14,573**	**4,724**	**16,252**	**15,672**	**2,753**	**12,919**
1979	**89,823**	**26,461**	**958**	**4,463**	**21,040**	**63,363**	**5,136**	**20,192**	**5,204**	**14,989**	**4,975**	**17,112**	**15,947**	**2,773**	**13,174**
1980	**90,564**	**25,718**	**1,020**	**4,399**	**20,300**	**64,847**	**5,143**	**20,386**	**5,281**	**15,104**	**5,168**	**17,901**	**16,249**	**2,866**	**13,383**
1981[p]	**91,548**	**25,676**	**1,104**	**4,307**	**20,264**	**65,873**	**5,152**	**20,736**	**5,343**	**15,393**	**5,330**	**18,598**	**16,056**	**2,774**	**13,283**
Monthly data, seasonally adjusted															
1980:															
December	90,949	25,631	1,069	4,387	20,175	65,318	5,118	20,470	5,300	15,170	5,254	18,240	16,236	2,800	13,436
1981:															
January	91,091	25,647	1,083	4,390	20,174	65,444	5,124	20,529	5,305	15,224	5,268	18,300	16,223	2,799	13,424
February	91,258	25,657	1,091	4,389	20,177	65,601	5,135	20,600	5,313	15,287	5,283	18,343	16,240	2,795	13,445
March	91,347	25,705	1,098	4,416	20,191	65,642	5,139	20,635	5,316	15,319	5,293	18,371	16,204	2,781	13,423
April	91,458	25,700	950	4,418	20,332	65,758	5,161	20,636	5,333	15,303	5,316	18,475	16,170	2,767	13,403
May	91,564	25,705	957	4,334	20,414	65,859	5,148	20,714	5,346	15,368	5,326	18,540	16,131	2,779	13,352
June	91,615	25,818	1,110	4,284	20,424	65,797	5,149	20,717	5,349	15,368	5,331	18,560	16,040	2,781	13,259
July	91,880	25,939	1,132	4,272	20,535	65,941	5,167	20,796	5,360	15,436	5,344	18,642	15,992	2,777	13,215
August	91,901	25,931	1,151	4,275	20,505	65,970	5,170	20,862	5,375	15,487	5,354	18,667	15,917	2,770	13,147
September	92,033	25,930	1,162	4,272	20,496	66,103	5,186	20,872	5,370	15,502	5,366	18,774	15,905	2,765	13,140
October	91,832	25,662	1,162	4,259	20,241	66,170	5,168	20,916	5,360	15,556	5,360	18,788	15,938	2,759	13,179
November.P	91,499	25,411	1,175	4,228	20,008	66,088	5,146	20,821	5,357	15,464	5,356	18,832	15,933	2,755	13,178
December.P	91,206	25,151	1,172	4,194	19,785	66,055	5,136	20,726	5,342	15,384	5,361	18,865	15,967	2,764	13,203

[1] Data include Alaska and Hawaii beginning 1959. This inclusion has resulted in an increase of 212,000 (0.4 percent) in the nonagricultural total for the March 1959 benchmark month.

p = preliminary.

NOTE: Data from April 1980 forward are subject to revision when more recent benchmark data are introduced. See "Benchmark adjustment" in the Explanatory notes of this publication.

B-2. Employees on nonagricultural payrolls by industry

(In thousands)

1972 SIC Code	Industry	All employees					Production workers[1]				
		Nov. 1980	Dec. 1980	Oct. 1981	Nov. 1981P	Dec. 1981P	Nov. 1980	Dec. 1980	Oct. 1981	Nov. 1981P	Dec. 1981P
	TOTAL	91,599	91,750	92,424	92,272	92,015	-	-	-	-	-
	PRIVATE SECTOR	75,126	75,315	76,403	76,108	75,859	61,124	61,279	62,007	61,693	61,436
	MINING	1,051	1,060	1,164	1,173	1,163	779	785	857	865	851
10	METAL MINING	95.2	101.8	100.1	98.6	-	71.6	76.8	75.4	73.9	-
101	Iron ores	18.8	20.4	21.5	20.8	-	14.2	15.6	16.6	15.9	-
102	Copper ores	31.5	36.4	35.7	35.6	-	24.5	28.2	27.5	27.4	-
11, 12	COAL MINING	250.1	249.7	257.3	260.8	-	207.0	206.2	212.6	216.6	-
12	BITUMINOUS COAL AND LIGNITE MINING	246.6	246.2	253.8	257.3	-	203.9	203.1	209.5	213.5	-
13	OIL AND GAS EXTRACTION	583.2	590.5	686.1	695.6	-	805.4	810.9	977.4	984.2	-
131, 2	Crude petroleum, natural gas, and natural gas liquids	232.8	234.9	265.1	267.1	-	104.6	105.4	115.5	115.9	-
138	Oil and gas field services	350.4	355.6	421.0	428.5	-	300.8	305.5	361.9	368.3	-
14	NONMETALLIC MINERALS, EXCEPT FUELS	122.1	118.2	120.1	117.9	-	95.1	91.4	92.0	89.9	-
142	Crushed and broken stone	38.6	36.6	36.6	35.8	-	32.1	30.2	29.9	29.1	-
144	Sand and gravel	36.2	34.1	35.0	33.8	-	-	-	-	-	-
147	Chemical and fertilizer minerals	26.9	27.0	27.1	27.1	-	-	-	-	-	-
	CONSTRUCTION	4,533	4,383	4,493	4,368	4,156	3,575	3,392	3,529	3,411	3,198
15	GENERAL BUILDING CONTRACTORS	1,249.3	1,203.6	1,211.1	1,170.0	-	957.7	918.6	923.1	884.1	-
152	Residential building construction	621.3	552.7	608.0	584.5	-	461.3	435.2	446.6	425.0	-
153	Operative builders	64.0	63.2	57.0	53.3	-	36.7	35.9	32.5	28.8	-
154	Nonresidential building construction	564.0	587.7	546.1	532.2	-	459.7	483.5	444.0	430.3	-
16	HEAVY CONSTRUCTION CONTRACTORS	948.5	867.3	947.7	912.7	-	757.1	685.0	770.1	738.1	-
161	Highway and street construction	270.7	227.5	260.0	240.3	-	230.5	187.9	220.8	201.4	-
162	Heavy construction, except highway	673.8	639.8	687.7	672.4	-	526.6	497.1	549.7	536.7	-
17	SPECIAL TRADE CONTRACTORS	2,339.4	2,272.4	2,334.2	2,285.3	-	1,860.0	1,792.8	1,835.5	1,788.8	-
171	Plumbing, heating, air conditioning	553.8	548.5	557.0	551.1	-	417.5	411.3	413.2	407.4	-
172	Painting, paper hanging, decorating	144.6	135.8	148.4	142.9	-	122.0	112.9	123.3	118.5	-
173	Electrical work	425.6	421.7	425.4	419.7	-	331.1	327.9	329.9	324.6	-
174	Masonry, stonework, and plastering	374.2	362.1	366.2	357.3	-	323.1	311.1	311.8	303.0	-
175	Carpentering and flooring	127.8	127.1	127.6	123.3	-	96.8	96.1	94.7	90.9	-
176	Roofing and sheet metal work	182.7	171.6	181.9	181.6	-	149.9	138.6	148.0	147.4	-
	MANUFACTURING	20,293	20,238	20,368	20,115	19,854	14,190	14,126	14,147	13,896	13,662
24, 25, 32-39	DURABLE GOODS	12,156	12,147	12,163	11,997	11,828	8,391	8,374	8,313	8,188	7,997
20-23, 26-31	NONDURABLE GOODS	8,137	8,091	8,205	8,118	8,026	5,799	5,752	5,834	5,708	5,665
	DURABLE GOODS										
24	LUMBER AND WOOD PRODUCTS	687.9	685.9	664.5	640.0	625.3	573.7	572.2	550.3	526.5	511.9
241	Logging camps and logging contractors	83.0	82.1	86.2	83.2	-	66.0	65.2	68.4	65.3	-
242	Sawmills and planing mills	211.6	211.0	199.7	192.4	-	186.9	186.2	175.4	168.9	-
2421	Sawmills and planing mills, general	176.0	175.4	165.5	158.9	-	155.8	155.2	145.9	140.0	-
2426	Hardwood dimension and flooring	30.2	30.5	29.4	28.7	-	26.1	26.4	25.3	24.6	-
243	Millwork, plywood, and structural members	206.2	207.2	195.0	186.3	-	170.1	171.2	159.7	151.2	-
2431	Millwork	72.2	72.4	68.3	65.3	-	58.2	58.3	54.4	51.4	-
2434	Wood kitchen cabinets	48.3	49.1	47.6	44.8	-	39.0	39.7	37.6	34.9	-
2435	Hardwood veneer and plywood	25.7	26.1	26.6	25.8	-	22.5	23.0	23.4	22.6	-
2436	Softwood veneer and plywood	43.0	43.2	38.8	37.2	-	37.5	37.9	34.5	33.1	-
244	Wood containers	41.2	41.6	41.5	39.9	-	35.6	36.0	35.2	33.6	-
245	Wood buildings and mobile homes	66.2	63.8	63.2	61.1	-	48.9	47.0	45.8	43.2	-
2451	Mobile homes	46.8	44.9	46.8	45.1	-	35.8	34.4	35.1	33.3	-
249	Miscellaneous wood products	79.7	80.2	76.9	77.1	-	66.2	66.6	65.8	64.3	-
25	FURNITURE AND FIXTURES	468.6	470.5	483.5	476.7	472.8	378.6	380.5	389.2	381.9	378.0
251	Household furniture	307.4	310.4	311.0	306.9	-	257.9	260.7	259.8	255.4	-
2511	Wood household furniture	140.1	140.7	140.6	138.2	-	121.8	122.4	122.1	119.5	-
2512	Upholstered household furniture	95.1	96.4	97.4	96.3	-	78.2	79.4	79.1	77.9	-
2514	Metal household furniture	29.3	30.8	30.4	31.0	-	23.6	24.9	24.6	25.0	-
2515	Mattresses and bedsprings	29.6	25.3	29.7	28.6	-	22.7	22.5	22.8	21.8	-
252	Office furniture	49.1	49.5	53.1	53.0	-	38.7	38.9	41.5	41.3	-
253	Public building and related furniture	23.8	23.5	25.6	25.3	-	17.6	17.3	19.4	19.0	-
254	Partitions and fixtures	61.4	60.1	64.4	62.3	-	45.7	44.8	48.0	46.1	-
259	Miscellaneous furniture and fixtures	26.9	27.0	29.4	29.2	-	18.7	18.8	20.5	20.1	-

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry—Continued

[In thousands]

1972 SIC Code	Industry	All employees					Production workers[1]				
		Nov. 1980	Dec. 1980	Oct. 1981	Nov. 1981p	Dec. 1981p	Nov. 1980	Dec. 1980	Oct. 1981	Nov. 1981p	Dec. 1981p
32	STONE, CLAY, AND GLASS PRODUCTS	665.2	652.3	652.8	642.0	624.8	515.5	502.7	503.8	492.8	477.9
321	Flat glass	20.0	19.2	19.0	18.3	-	15.5	14.6	15.0	14.3	-
322	Glass and glassware, pressed or blown	123.9	122.7	123.3	121.5	-	104.5	103.1	104.6	102.9	-
3221	Glass containers	69.0	68.1	67.8	66.6	-	60.2	59.4	59.6	58.3	-
3229	Pressed and blown glass, nec	54.9	54.6	55.5	54.9	-	44.3	43.7	45.0	44.6	-
323	Products of purchased glass	46.4	46.5	47.6	47.1	-	32.4	32.4	32.3	31.5	-
324	Cement, hydraulic	30.4	29.5	28.8	29.2	-	24.2	23.3	22.9	23.3	-
325	Structural clay products	45.7	45.2	42.7	41.1	-	38.7	38.3	32.2	30.7	-
326	Pottery and related products	46.0	45.2	44.2	43.2	-	37.8	37.2	36.3	35.5	-
327	Concrete, gypsum, and plaster products	204.6	195.2	193.1	185.4	-	158.6	149.6	149.3	145.8	-
3271	Concrete block and brick	21.4	20.5	19.6	19.3	-	15.0	14.3	13.4	13.1	-
3272	Concrete products, nec	66.1	63.6	62.9	62.1	-	49.9	47.7	47.5	46.7	-
3273	Ready-mixed concrete	96.4	90.5	90.7	88.5	-	76.9	70.9	72.4	70.3	-
329	Misc. nonmetallic mineral products	136.9	137.5	141.4	135.9	-	98.7	99.2	100.8	98.9	-
3291	Abrasive products	28.3	28.7	29.5	29.5	-	19.0	19.4	19.8	19.7	-
3292	Asbestos products	16.8	17.1	17.2	17.0	-	13.0	13.2	13.1	12.9	-
3296	Mineral wool	32.8	32.2	31.6	31.1	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES	1,123.3	1,136.3	1,109.3	1,087.2	1,062.8	863.0	875.0	847.7	825.6	805.6
331	Blast furnace and basic steel products	458.8	508.1	491.4	475.8	-	385.6	394.1	377.3	365.4	-
3312	Blast furnaces and steel mills	418.2	425.8	409.3	399.7	-	324.4	331.7	315.0	305.0	-
3317	Steel pipe and tubes	30.4	31.3	32.0	30.9	-	23.3	23.9	24.7	23.5	-
332	Iron and steel foundries	203.9	205.5	202.2	196.8	-	163.5	164.9	160.7	155.0	-
3321	Gray iron foundries	124.4	124.9	123.6	120.1	-	101.5	101.8	100.6	97.0	-
3322	Malleable iron foundries	14.4	14.9	15.0	14.3	-	11.0	11.5	11.5	10.8	-
3325	Steel foundries, nec	53.2	53.6	52.2	51.1	-	42.4	42.8	41.1	39.8	-
333	Primary nonferrous metals	72.0	72.4	69.9	68.9	-	54.7	54.6	52.3	50.9	-
3334	Primary aluminum	37.5	37.4	35.1	34.2	-	29.2	29.0	27.0	26.0	-
335	Nonferrous rolling and drawing	208.8	209.4	204.8	202.1	-	148.9	150.0	146.8	145.1	-
3351	Copper rolling and drawing	29.1	29.3	29.3	28.9	-	21.6	21.8	21.9	21.6	-
3353	Aluminum sheet, plate, and foil	34.6	34.6	33.0	32.2	-	26.3	26.5	25.5	24.9	-
3357	Nonferrous wire drawing and insulating	87.7	87.9	86.6	86.0	-	63.4	63.7	62.1	62.0	-
336	Nonferrous foundries	88.7	89.6	90.1	88.8	-	71.0	72.0	72.1	70.8	-
3361	Aluminum foundries	50.3	51.4	51.2	50.4	-	41.0	42.2	41.8	41.0	-
34	FABRICATED METAL PRODUCTS	1,597.6	1,596.4	1,584.2	1,563.4	1,537.2	1,183.8	1,182.3	1,165.6	1,146.2	1,120.7
341	Metal cans and shipping containers	72.1	71.8	69.1	68.3	-	60.9	60.5	58.7	58.0	-
3411	Metal cans	59.4	59.1	56.6	55.8	-	50.5	50.2	48.7	48.0	-
342	Cutlery, hand tools, and hardware	167.5	165.1	167.3	165.3	-	129.3	130.7	127.0	125.0	-
3423,5	Hand and edge tools, and hand saws and blades	57.6	59.0	58.5	58.1	-	44.5	45.5	44.5	44.2	-
3429	Hardware, nec	94.9	95.2	94.4	93.0	-	72.9	73.2	71.9	70.4	-
343	Plumbing and heating, except electric	68.6	68.6	69.4	68.7	-	49.3	49.1	49.8	48.9	-
3432	Plumbing fittings and brass goods	22.5	22.7	24.7	24.2	-	18.0	18.3	19.7	19.2	-
3433	Heating equipment, except electric	35.3	34.8	33.7	33.8	-	23.6	22.9	22.6	22.6	-
344	Fabricated structural metal products	509.9	508.3	497.7	491.7	-	352.0	350.2	338.9	332.9	-
3441	Fabricated structural metal	96.3	98.9	95.4	95.2	-	71.3	71.8	68.1	67.6	-
3442	Metal doors, sash, and trim	82.4	81.3	77.8	75.9	-	61.1	60.1	56.3	54.2	-
3443	Fabricated plate work (boiler shops)	150.5	150.4	146.8	144.7	-	92.7	92.4	88.9	86.8	-
3444	Sheet metal work	110.4	110.0	110.5	109.6	-	80.5	80.1	80.1	79.8	-
3448	Architectural metal work	32.6	32.3	31.6	31.1	-	23.3	23.0	22.0	21.7	-
345	Screw machine products, bolts, etc	103.8	104.0	102.5	101.5	-	79.8	79.9	78.8	78.0	-
3451	Screw machine products	48.9	48.9	49.2	48.7	-	39.6	39.6	39.8	39.3	-
3452	Bolts, nuts, rivets, and washers	54.9	55.1	53.3	52.8	-	40.2	40.3	39.0	38.7	-
346	Metal forgings and stampings	264.3	261.9	254.0	247.3	-	207.9	206.2	201.3	194.8	-
3462	Iron and steel forgings	43.6	44.0	43.7	42.8	-	33.4	33.8	34.0	33.1	-
3465	Automotive stampings	99.6	97.0	91.4	88.2	-	81.5	79.2	76.0	73.1	-
3469	Metal stampings, nec	106.3	108.1	106.7	104.2	-	83.1	83.2	81.9	79.3	-
347	Metal services nec	102.2	102.4	105.7	104.7	-	82.2	82.2	84.7	84.2	-
3471	Plating and polishing	69.2	69.8	71.2	70.5	-	56.4	56.9	58.2	57.9	-
3479	Metal coating and allied services	33.0	32.6	34.5	34.2	-	25.8	25.3	26.5	26.3	-
348	Ordnance and accessories, nec	59.7	59.6	60.6	60.6	-	39.7	39.8	38.2	38.8	-
3483	Ammunition, exc. for small arms, nec	25.4	25.4	25.0	25.3	-	17.5	17.6	15.6	16.2	-
349	Misc. fabricated metal products	249.5	250.7	257.9	255.3	-	182.7	183.7	188.2	185.6	-
3494	Valves and pipe fittings	101.0	102.0	104.0	104.4	-	68.7	69.5	70.3	70.3	-
3496	Misc. fabricated wire products	54.4	54.5	56.4	55.5	-	42.4	42.5	43.6	42.8	-
35	MACHINERY, EXCEPT ELECTRICAL	2,479.6	2,496.8	2,528.4	2,513.4	2,497.9	1,576.4	1,587.0	1,598.9	1,583.3	1,569.8
351	Engines and turbines	133.3	133.6	135.8	134.9	-	85.2	85.5	88.8	87.8	-
3511	Turbines and turbine generator sets	42.5	42.3	40.6	40.7	-	22.0	22.0	21.9	21.8	-
3519	Internal combustion engines, nec	90.8	91.3	95.0	94.2	-	63.2	63.5	66.9	66.0	-
352	Farm and garden machinery	170.7	172.3	159.8	156.9	-	112.9	114.9	106.0	104.3	-
3523	Farm machinery and equipment	147.9	148.6	135.7	132.1	-	96.7	97.8	88.4	85.9	-
353	Construction and related machinery	385.1	388.4	407.4	407.6	-	248.5	251.6	266.3	266.0	-
3531	Construction machinery	141.4	141.8	147.2	146.2	-	92.6	93.6	96.8	95.8	-

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry—Continued

(In thousands)

1972 SIC Code	Industry	All employees					Production workers[1]				
		Nov. 1980	Dec. 1980	Oct. 1981	Nov. 1981P	Dec. 1981P	Nov. 1980	Dec. 1980	Oct. 1981	Nov. 1981P	Dec. 1981P
	MACHINERY, EXCEPT ELECTRICAL—Continued										
3532	Mining machinery	37.6	38.0	37.6	37.5	-	23.0	23.5	23.2	23.2	-
3533	Oil field machinery	99.6	100.9	114.9	116.2	-	67.8	68.8	79.8	80.9	-
3535	Conveyors and conveying equipment	34.6	35.1	34.2	34.2	-	19.2	19.6	19.2	19.0	-
3537	Industrial trucks and tractors	36.1	36.3	36.5	36.3	-	23.4	23.5	24.0	23.7	-
354	Metalworking machinery	366.7	368.3	360.4	357.6	-	266.6	267.8	259.4	256.7	-
3541	Machine tools, metal cutting types	81.1	80.9	78.2	75.8	-	53.6	53.5	50.2	48.3	-
3542	Machine tools, metal forming types	26.1	26.2	25.9	25.9	-	16.5	16.6	16.2	16.3	-
3544	Special dies, tools, jigs, and fixtures	135.7	136.8	135.2	134.9	-	106.4	108.8	107.1	106.7	-
3545	Machine tool accessories	68.7	69.1	68.0	68.3	-	48.7	49.0	47.8	47.9	-
3546	Power driven hand tools	30.7	30.9	28.9	28.5	-	23.4	23.8	22.1	21.6	-
355	Special industry machinery	205.6	206.4	199.6	198.3	-	130.0	130.6	125.7	124.4	-
3551	Food products machinery	45.3	45.6	43.2	42.8	-	28.9	29.0	27.4	27.1	-
3552	Textile machinery	26.0	26.2	24.1	24.1	-	18.2	18.4	16.5	16.5	-
3553	Woodworking machinery	42.0	42.4	42.8	42.8	-	25.8	26.0	26.7	26.6	-
356	General industrial machinery	312.6	314.5	312.3	309.6	-	202.4	203.4	201.5	199.6	-
3561	Pumps and pumping equipment	61.9	60.8	63.0	62.4	-	36.1	34.9	37.1	36.5	-
3562	Ball and roller bearings	55.1	57.4	54.1	53.6	-	42.8	44.6	41.5	41.0	-
3563	Air and gas compressors	30.5	30.5	30.1	30.0	-	18.1	18.1	17.6	17.9	-
3564	Blowers and fans	39.7	40.2	39.3	38.3	-	24.6	24.8	24.7	23.9	-
3566	Speed changers, drives, and gears	25.7	25.8	27.3	27.0	-	17.2	17.2	18.0	17.7	-
3569	Power transmission equipment, nec	21.5	21.4	22.0	22.0	-	15.0	15.0	15.6	15.6	-
357	Office and computing machines	438.2	441.0	463.3	466.1	-	186.4	185.9	187.7	188.2	-
3573	Electronic computing equipment	358.2	361.4	385.2	388.4	-	142.3	142.2	146.0	146.9	-
358	Refrigeration and service machinery	176.9	177.5	181.9	178.5	-	121.6	122.2	127.1	123.8	-
3585	Refrigeration and heating equipment	120.8	121.7	124.2	120.6	-	83.6	84.6	87.7	84.2	-
359	Misc. machinery, except electrical	290.5	296.8	307.9	303.9	-	222.8	225.1	236.4	232.5	-
3592	Carburetors, pistons, rings, valves	35.8	35.9	42.1	40.7	-	31.5	31.7	33.8	32.4	-
3599	Machinery, except electrical, nec	250.7	254.9	265.8	263.2	-	191.3	193.4	202.6	200.1	-
36	ELECTRIC AND ELECTRONIC EQUIPMENT	2,109.6	2,118.0	2,158.3	2,130.9	2,103.7	1,329.9	1,336.6	1,352.0	1,320.2	1,293.7
361	Electric distributing equipment	119.8	121.0	120.9	120.1	-	83.8	85.0	86.0	85.1	-
3612	Transformers	51.3	51.6	53.1	52.5	-	35.3	35.6	37.7	37.1	-
3613	Switchgear and switchboard apparatus	68.5	69.4	67.8	67.6	-	48.5	49.4	48.3	48.0	-
362	Electrical industrial apparatus	232.7	234.0	239.3	234.3	-	163.7	165.5	169.7	165.2	-
3621	Motors and generators	118.5	119.9	122.5	118.9	-	89.2	90.9	93.9	90.8	-
3622	Industrial controls	70.2	70.6	70.8	69.9	-	43.5	44.1	43.1	42.1	-
363	Household appliances	169.2	168.9	167.6	152.8	-	134.8	134.4	131.8	117.0	-
3632	Household refrigerators and freezers	34.2	33.9	35.0	30.0	-	27.8	27.4	28.1	23.2	-
3633	Household laundry equipment	21.0	20.6	20.5	18.1	-	16.5	16.2	15.9	13.5	-
3634	Electric housewares and fans	53.8	52.6	54.2	52.1	-	43.9	42.5	43.6	41.5	-
364	Electric lighting and wiring equipment	207.4	207.7	210.5	208.9	-	154.3	154.5	154.3	151.9	-
3641	Electric lamps	35.7	35.6	34.6	34.4	-	31.4	31.5	30.1	30.0	-
3643	Current-carrying wiring devices	86.9	87.4	90.1	89.9	-	60.1	60.2	60.4	59.8	-
3644	Noncurrent-carrying wiring devices	22.4	22.4	22.6	22.6	-	16.2	16.2	16.4	16.3	-
3645	Residential lighting fixtures	25.2	25.1	25.3	24.9	-	19.1	19.0	19.3	18.8	-
365	Radio and TV receiving equipment	110.6	111.5	113.0	110.1	-	79.4	79.9	79.9	77.5	-
3651	Radio and TV receiving sets	86.6	87.2	89.5	87.8	-	59.9	60.5	61.3	60.1	-
366	Communication equipment	541.6	542.3	548.5	549.0	-	262.7	263.9	263.8	261.9	-
3661	Telephone and telegraph apparatus	158.4	157.6	150.0	147.6	-	106.2	105.7	100.1	97.6	-
3662	Radio and TV communication equipment	383.2	384.7	398.5	401.4	-	156.5	158.2	163.7	164.3	-
367	Electronic components and accessories	560.3	564.0	584.2	582.6	-	328.9	330.6	339.5	336.2	-
3671,3	Electronic tubes	42.8	43.1	43.7	43.1	-	26.5	26.7	26.6	25.9	-
3674	Semiconductors and related devices	232.5	234.6	236.4	236.5	-	97.9	98.9	96.5	94.8	-
3679	Electronic components, nec	214.8	215.9	229.8	229.6	-	149.8	150.4	159.6	159.5	-
369	Misc. electrical equipment and supplies	168.0	168.6	174.3	173.1	-	122.3	122.8	127.0	125.8	-
3691	Storage batteries	33.4	33.7	35.0	35.4	-	26.6	26.8	27.6	27.9	-
3694	Engine electrical equipment	80.1	80.4	82.7	81.1	-	61.4	61.8	64.2	62.5	-
37	TRANSPORTATION EQUIPMENT	1,894.6	1,871.4	1,832.3	1,797.9	1,777.7	1,235.4	1,213.4	1,166.1	1,136.8	1,122.7
371	Motor vehicles and equipment	770.6	750.4	730.9	703.6	-	576.2	558.9	546.2	521.7	-
3711	Motor vehicles and car bodies	354.0	334.8	318.1	301.1	-	252.4	236.1	225.3	210.2	-
3713	Truck and bus bodies	36.4	36.4	33.6	32.4	-	27.1	27.3	25.5	24.5	-
3714	Motor vehicle parts and accessories	348.3	346.3	343.3	336.3	-	272.9	270.9	268.1	261.6	-
3715	Truck trailers	26.6	27.1	30.0	28.2	-	19.9	20.3	22.9	21.2	-
372	Aircraft and parts	666.1	667.7	648.0	645.5	-	360.3	362.4	341.5	339.1	-
3721	Aircraft	361.8	363.1	356.0	353.9	-	179.8	180.9	171.9	169.4	-
3724	Aircraft engines and engine parts	163.3	164.0	154.1	154.0	-	92.3	93.6	88.3	88.9	-
3728	Aircraft equipment, nec	141.0	140.6	137.9	137.6	-	88.2	87.9	81.3	80.8	-
373	Ship and boat building and repairing	223.7	223.0	221.5	219.5	-	179.1	177.8	169.1	167.9	-
3731	Ship building and repairing	178.5	177.4	172.6	172.1	-	141.6	140.1	128.5	128.5	-
3732	Boat building and repairing	45.2	45.6	48.9	47.4	-	37.5	37.7	40.6	39.4	-
374	Railroad equipment	60.1	59.6	46.8	44.9	-	43.6	43.2	31.3	29.6	-
376	Guided missiles, space vehicles, parts	114.9	116.1	122.5	122.4	-	35.0	35.3	36.0	36.4	-
3761	Guided missiles and space vehicles	91.8	92.8	98.6	98.8	-	26.4	26.7	27.1	27.6	-

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry – Continued

[In thousands]

1972 SIC Code	Industry	All employees					Production workers[1]				
		Nov. 1980	Dec. 1980	Oct. 1981	Nov. 1981p	Dec. 1981p	Nov. 1980	Dec. 1980	Oct. 1981	Nov. 1981p	Dec. 1981p
	TRANSPORTATION EQUIPMENT—Continued										
379	Miscellaneous transportation equipment	42.0	40.0	40.4	40.2	-	28.3	26.7	26.3	26.4	-
3792	Travel trailers and campers	18.6	16.2	19.7	18.7	-	14.3	14.0	15.2	14.4	-
38	**INSTRUMENTS AND RELATED PRODUCTS**	711.2	713.8	720.0	718.9	713.1	422.8	424.9	420.2	418.0	413.4
381	Engineering and scientific instruments	77.8	78.1	78.3	78.2	-	37.9	38.2	37.5	37.3	-
382	Measuring and controlling devices	241.7	243.2	247.9	246.2	-	150.3	151.6	154.4	152.8	-
3822	Environmental controls	46.7	47.3	46.4	44.4	-	32.2	32.6	30.7	29.0	-
3823	Process control instruments	53.4	54.1	58.6	59.0	-	28.2	28.5	30.7	30.9	-
3825	Instruments to measure electricity	102.8	103.1	105.0	104.9	-	62.4	63.0	66.6	66.7	-
383	Optical instruments and lenses	32.8	33.2	32.8	32.8	-	18.1	18.2	18.4	18.2	-
384	Medical instruments and supplies	157.1	158.1	160.8	161.4	-	102.0	102.5	100.2	100.2	-
3841	Surgical and medical instruments	72.7	73.0	75.2	75.4	-	47.6	47.6	45.0	45.0	-
3842	Surgical appliances and supplies	67.1	67.7	69.1	69.3	-	43.6	44.0	45.0	45.0	-
385	Ophthalmic goods	43.8	43.4	40.1	39.5	-	31.0	30.6	28.3	28.1	-
386	Photographic equipment and supplies	137.2	137.2	140.8	142.2	-	68.4	68.7	67.3	68.0	-
387	Watches, clocks, and watchcases	20.8	20.6	19.3	18.6	-	15.1	15.0	14.1	13.4	-
39	**MISCELLANEOUS MANUFACTURING INDUSTRIES**	417.9	405.9	429.9	426.2	412.2	311.8	299.4	319.0	316.8	303.4
391	Jewelry, silverware, and plated ware	58.7	57.9	58.9	59.4	-	42.6	41.8	42.6	42.8	-
3911	Jewelry, precious metal	39.3	38.5	38.1	38.7	-	28.2	27.4	27.1	27.5	-
393	Musical instruments	22.0	22.3	22.6	22.1	-	17.7	18.1	18.1	17.8	-
394	Toys and sporting goods	114.1	104.1	120.9	118.0	-	84.6	74.8	92.2	90.1	-
3942, 4	Dolls, games, toys, and children's vehicles	58.6	49.9	65.6	62.2	-	42.1	33.4	49.1	46.3	-
3949	Sporting and athletic goods, nec	55.5	54.2	55.3	55.8	-	42.5	41.4	43.1	43.8	-
395	Pens, pencils, office and art supplies	37.7	38.3	39.8	39.4	-	26.8	27.0	28.2	28.0	-
396	Costume jewelry and notions	52.3	50.4	48.3	48.7	-	41.7	39.7	36.9	37.3	-
3961	Costume jewelry	26.8	25.8	24.5	25.2	-	21.4	20.3	19.1	19.7	-
399	Miscellaneous manufactures	133.1	132.9	139.4	138.6	-	98.4	98.0	101.6	100.8	-
3993	Signs and advertising displays	47.3	47.4	49.2	49.3	-	34.3	34.4	35.5	35.8	-
	NONDURABLE GOODS										
20	**FOOD AND KINDRED PRODUCTS**	1,719.3	1,688.5	1,729.0	1,684.8	1,653.9	1,183.6	1,154.4	1,199.5	1,158.2	1,128.0
201	Meat products	362.2	358.7	349.3	349.5	-	302.4	298.9	291.8	292.8	-
2011	Meat packing plants	162.6	161.8	156.5	155.9	-	133.3	132.5	128.7	128.7	-
2013	Sausages and other prepared meats	70.1	69.6	68.3	68.9	-	51.8	51.4	50.9	51.5	-
2016	Poultry dressing plants	114.6	113.0	111.6	111.5	-	104.3	102.6	101.1	101.2	-
202	Dairy products	174.0	173.6	171.7	170.3	-	95.1	94.9	94.4	93.6	-
2022	Cheese, natural and processed	36.5	36.4	34.8	34.5	-	28.0	28.0	26.5	26.2	-
2026	Fluid milk	100.7	100.6	98.8	98.0	-	44.4	44.4	44.1	43.8	-
203	Preserved fruits and vegetables	249.8	226.4	266.3	232.1	-	205.1	182.2	224.1	191.6	-
2032	Canned specialties	26.3	26.2	26.7	26.1	-	19.5	19.3	20.6	19.7	-
2033	Canned fruits and vegetables	94.9	80.6	106.4	80.5	-	78.5	64.6	90.7	65.9	-
2037	Frozen fruits and vegetables	48.2	42.0	51.3	46.9	-	42.0	35.8	44.8	41.0	-
204	Grain mill products	145.6	146.0	144.0	142.8	-	99.6	100.5	99.1	97.5	-
2041	Flour and other grain mill products	27.8	27.9	27.8	27.8	-	16.5	17.0	17.0	16.8	-
2048	Prepared feeds, nec	57.1	57.6	55.8	55.5	-	37.1	37.5	36.4	35.9	-
205	Bakery products	226.3	224.8	222.8	222.6	-	132.0	131.1	129.4	129.6	-
2051	Bread, cake, and related products	183.6	182.8	180.7	180.5	-	98.5	98.1	95.6	96.0	-
2052	Cookies and crackers	42.7	42.0	42.1	42.1	-	33.5	33.0	33.8	33.6	-
206	Sugar and confectionery products	113.9	115.0	126.2	122.7	-	86.0	86.9	100.0	96.8	-
2061,3	Cane and beet sugar	35.6	34.2	39.3	36.0	-	26.3	25.3	31.2	28.0	-
2065	Confectionery products	60.2	60.0	66.0	65.9	-	47.8	47.7	54.6	54.7	-
207	Fats and oils	45.7	45.4	45.7	46.5	-	34.1	33.8	34.3	35.1	-
208	Beverages	235.6	234.6	236.3	235.7	-	105.1	103.6	101.4	100.8	-
2082	Malt beverages	51.4	51.3	49.0	49.1	-	33.3	33.0	31.0	31.1	-
2086	Bottled and canned soft drinks	138.3	137.8	141.3	141.3	-	45.4	45.3	45.6	45.5	-
209	Misc. foods and kindred products	166.2	164.0	166.7	162.6	-	124.2	122.5	125.0	120.4	-
21	**TOBACCO MANUFACTURES**	75.3	74.4	77.0	75.2	72.7	59.7	58.0	61.3	59.7	57.1
211	Cigarettes	46.7	47.9	46.7	47.5	-	35.4	35.8	35.4	36.3	-
22	**TEXTILE MILL PRODUCTS**	847.8	846.1	834.3	826.9	820.4	736.6	734.8	721.5	714.0	707.5
221	Weaving mills, cotton	148.9	148.3	139.5	139.7	-	133.4	133.0	124.1	124.4	-
222	Weaving mills, synthetics	118.5	118.3	114.9	116.6	-	106.5	106.3	102.9	104.2	-
223	Weaving and finishing mills, wool	18.4	18.7	18.5	18.3	-	14.9	15.3	15.4	15.2	-
224	Narrow fabric mills	23.0	23.3	24.4	24.1	-	20.1	20.3	21.6	21.1	-
225	Knitting mills	219.5	218.6	219.5	218.7	-	190.2	188.9	189.6	185.2	-
2251	Women's hosiery, except socks	29.2	29.2	29.0	29.1	-	26.3	26.1	26.0	26.0	-
2252	Hosiery, nec	33.2	33.3	34.6	34.0	-	30.2	30.3	31.5	30.9	-
2253	Knit outerwear mills	70.5	69.2	73.8	72.4	-	60.4	59.0	62.5	61.4	-
2254	Knit underwear mills	31.3	31.5	30.5	30.2	-	27.1	27.4	26.3	25.9	-

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry—Continued

[In thousands]

1972 SIC Code	Industry	All employees					Production workers[1]				
		Nov. 1980	Dec. 1980	Oct. 1981	Nov. 1981P	Dec. 1981P	Nov. 1980	Dec. 1980	Oct. 1981	Nov. 1981P	Dec. 1981P
	TEXTILE MILL PRODUCTS—Continued										
2257	Circular knit fabric mills	32.4	32.3	29.2	27.6	-	27.2	27.2	24.7	23.2	-
226	Textile finishing, except wool	72.8	72.6	72.0	71.4	-	61.3	61.0	60.1	59.5	-
2261	Finishing plants, cotton	28.6	28.5	28.5	28.3	-	23.9	23.7	23.5	23.2	-
2262	Finishing plants, synthetics	28.8	28.9	28.7	28.6	-	24.3	24.4	23.9	23.9	-
227	Floor covering mills	53.2	53.0	52.5	51.7	-	43.3	43.1	42.2	41.5	-
228	Yarn and thread mills	126.3	126.3	125.2	124.2	-	113.9	113.9	112.4	111.1	-
2281	Yarn mills, except wool	84.8	84.7	83.3	83.0	-	77.9	77.8	76.0	75.4	-
2282	Throwing and winding mills	20.7	20.9	20.4	20.1	-	18.2	18.4	18.0	17.7	-
229	Miscellaneous textile goods	67.2	67.0	67.8	66.2	-	53.0	53.0	53.2	51.8	-
23	**APPAREL AND OTHER TEXTILE PRODUCTS**	1,262.3	1,241.1	1,274.1	1,259.9	1,222.0	1,079.6	1,058.6	1,085.3	1,070.3	1,036.2
231	Men's and boys' suits and coats	78.1	77.9	79.6	80.4	-	68.9	68.9	69.4	69.9	-
232	Men's and boys' furnishings	357.2	352.3	353.9	352.2	-	305.6	301.5	302.2	300.2	-
2321	Men's and boys' shirts and nightwear	97.1	96.3	99.1	97.9	-	83.7	82.8	85.8	84.4	-
2327	Men's and boys' separate trousers	76.4	75.4	73.5	74.5	-	66.7	65.9	64.1	64.6	-
2328	Men's and boys' work clothing	103.6	101.6	101.2	101.0	-	87.2	85.8	83.5	83.7	-
233	Women's and misses' outerwear	409.3	401.6	416.2	408.9	-	352.8	344.8	357.8	351.8	-
2331	Women's and misses' blouses and waists	61.8	61.0	62.4	61.8	-	53.9	53.2	54.2	53.9	-
2335	Women's and misses' dresses	139.4	135.5	138.1	135.9	-	123.6	119.7	121.3	119.5	-
2337	Women's and misses' suits and coats	64.8	64.6	65.6	62.0	-	56.0	55.3	56.2	52.6	-
2339	Women's and misses' outerwear, nec	143.3	140.5	150.1	149.2	-	119.3	116.6	126.1	125.8	-
234	Women's and children's undergarments	88.6	86.8	91.5	90.4	-	75.4	73.9	78.2	77.2	-
2341	Women's and children's underwear	71.1	69.3	73.5	72.5	-	61.8	60.2	64.1	63.3	-
2342	Brassieres and allied garments	17.5	17.5	18.0	17.9	-	13.6	13.7	14.1	13.9	-
236	Children's outerwear	64.3	63.0	65.4	65.3	-	54.5	53.1	55.2	55.2	-
2361	Children's dresses and blouses	27.7	27.8	28.5	28.7	-	24.7	24.6	25.2	25.7	-
238	Misc. apparel and accessories	55.6	54.5	56.4	54.8	-	47.4	46.3	48.0	46.2	-
239	Misc. fabricated textile products	186.6	182.9	189.8	186.8	-	155.4	150.9	156.2	152.2	-
2391	Curtains and draperies	27.8	27.5	30.2	29.7	-	23.3	22.9	25.3	24.0	-
2392	House furnishings, nec	51.7	51.0	53.4	53.5	-	42.9	42.1	44.1	44.1	-
2396	Automotive and apparel trimmings	36.5	35.2	35.5	33.1	-	31.6	30.0	29.5	26.7	-
26	**PAPER AND ALLIED PRODUCTS**	691.4	691.5	691.4	686.4	682.8	520.8	521.4	519.8	515.4	512.4
261, 2.6	Paper and pulp mills	204.7	205.4	202.3	202.3	-	153.7	154.7	151.9	152.0	-
262	Paper mills, except building paper	176.5	177.0	175.1	175.2	-	131.0	131.9	130.2	130.3	-
263	Paperboard mills	64.5	65.0	63.6	62.7	-	50.5	50.6	50.0	49.8	-
264	Misc. converted paper products	218.0	216.7	220.9	218.3	-	160.7	159.7	161.7	159.2	-
2641	Paper coating and glazing	56.1	56.5	56.5	57.1	-	36.0	36.6	36.1	36.4	-
2642	Envelopes	25.1	25.2	25.5	25.7	-	19.8	19.7	*9.9	19.9	-
2643	Bags, except textile bags	49.9	50.3	50.8	50.5	-	38.9	39.3	39.5	39.3	-
265	Paperboard containers and boxes	204.2	204.4	204.6	203.1	-	155.9	156.4	156.2	154.8	-
2651	Folding paperboard boxes	42.2	42.4	42.8	42.7	-	33.2	33.5	33.3	33.1	-
2653	Corrugated and solid fiber boxes	105.5	105.5	105.9	104.8	-	77.1	77.3	78.0	77.2	-
2654	Sanitary food containers	25.8	25.9	25.5	25.2	-	21.1	21.2	20.7	20.3	-
27	**PRINTING AND PUBLISHING**	1,268.2	1,278.3	1,299.7	1,305.6	1,313.3	705.9	715.3	715.6	718.8	724.7
271	Newspapers	425.1	428.0	436.6	438.5	-	165.5	166.7	166.8	167.4	-
272	Periodicals	90.3	90.1	94.3	95.5	-	16.6	17.0	19.0	19.3	-
273	Books	98.5	101.8	98.8	100.2	-	49.6	52.7	48.0	49.3	-
2731	Book publishing	69.8	71.3	71.1	71.9	-	25.9	27.3	25.6	26.4	-
2732	Book printing	28.7	30.5	27.7	28.3	-	23.7	25.4	22.4	22.9	-
274	Miscellaneous publishing	49.8	50.4	49.2	49.8	-	26.8	27.2	25.7	26.4	-
275	Commercial printing	426.4	428.3	439.5	441.1	-	317.0	319.2	323.3	324.7	-
2751	Commercial printing, letterpress	169.7	170.1	174.2	173.8	-	126.4	127.0	128.8	128.4	-
2752	Commercial printing, lithographic	234.3	235.4	242.5	244.0	-	172.1	173.4	176.5	177.8	-
276	Manifold business forms	49.0	49.1	48.7	48.8	-	33.9	34.1	33.6	33.8	-
278	Blankbooks and bookbinding	59.3	60.8	61.4	60.9	-	48.0	49.8	50.0	49.3	-
279	Printing trade services	44.3	44.3	45.0	45.0	-	33.0	33.0	33.0	33.2	-
28	**CHEMICALS AND ALLIED PRODUCTS**	1,100.1	1,101.2	1,104.4	1,099.5	1,098.2	617.7	619.6	622.4	617.8	618.4
281	Industrial inorganic chemicals	161.2	161.5	162.3	163.0	-	86.6	86.5	88.6	88.9	-
2819	Industrial inorganic chemicals, nec	106.4	106.8	106.2	106.4	-	57.8	57.3	57.7	57.9	-
282	Plastics materials and synthetics	202.9	203.2	197.6	194.5	-	134.1	134.7	129.4	126.6	-
2821	Plastics materials and resins	80.3	80.4	79.6	77.6	-	47.0	47.1	46.8	45.2	-
2824	Organic fibers, noncellulosic	95.3	95.9	92.6	92.3	-	67.1	67.8	64.9	64.7	-
283	Drugs	197.4	197.4	201.8	201.7	-	96.5	96.9	100.5	100.1	-
2834	Pharmaceutical preparations	155.6	155.8	158.7	158.6	-	74.0	74.5	77.5	77.1	-
284	Soap, cleaners, and toilet goods	139.2	140.2	139.7	139.3	-	85.5	86.0	87.4	86.4	-
2841	Soap and other detergents	41.8	42.3	40.0	40.0	-	27.2	27.5	26.4	26.3	-
2844	Toilet preparations	56.2	56.6	57.3	57.3	-	36.3	36.4	38.2	37.7	-
2842, 3	Polishing, sanitation, and finishing preparations	41.2	41.3	42.4	42.0	-	22.0	22.1	22.8	22.4	-
285	Paints and allied products	64.1	63.8	64.6	62.4	-	31.8	31.6	31.6	30.2	-
286	Industrial organic chemicals	169.6	165.1	170.8	170.7	-	85.1	85.3	85.4	86.1	-

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry — Continued

[In thousands]

1972 SIC Code	Industry	All employees					Production workers[1]				
		Nov. 1980	Dec. 1980	Oct. 1981	Nov. 1981P	Dec. 1981P	Nov. 1980	Dec. 1980	Oct. 1981	Nov. 1981P	Dec. 1981P
	CHEMICALS AND ALLIED PRODUCTS—Cont'd										
2865	Cyclic crudes and intermediates	34.4	34.3	35.1	34.9	-	20.6	20.5	21.7	21.6	-
2861,9	Gum, wood, and industrial organic chemicals, nec	135.2	134.8	135.7	135.8	-	64.5	64.8	63.7	64.5	-
287	Agricultural chemicals	71.1	71.0	71.8	72.0	-	44.1	44.1	44.7	44.9	-
289	Miscellaneous chemical products	94.6	95.0	95.8	95.9	-	54.0	54.5	54.8	54.6	-
29	PETROLEUM AND COAL PRODUCTS	209.5	206.8	211.4	210.6	207.3	134.4	131.1	131.3	129.9	129.8
291	Petroleum refining	165.9	166.6	169.9	170.3	-	102.4	102.4	101.7	101.5	-
295	Paving and roofing materials	31.5	28.1	29.3	28.2	-	24.3	21.0	22.2	21.0	-
30	RUBBER AND MISC. PLASTICS PRODUCTS	730.6	733.2	748.2	737.2	726.2	563.5	565.6	576.6	565.9	556.5
301	Tires and inner tubes	120.9	121.6	121.3	121.6	-	85.4	86.5	84.1	84.4	-
302	Rubber and plastics footwear	22.1	21.2	18.6	19.0	-	19.5	18.7	16.2	16.7	-
303,4	Reclaimed rubber, and rubber and plastics hose and belting	22.9	23.2	23.4	22.8	-	16.0	15.9	16.6	16.1	-
306	Fabricated rubber products, nec	105.8	105.9	106.7	104.4	-	82.6	82.4	83.0	80.6	-
307	Miscellaneous plastics products	458.9	461.3	478.2	469.4	-	360.0	362.1	376.7	368.1	-
31	LEATHER AND LEATHER PRODUCTS	232.5	229.4	235.7	232.3	229.2	196.7	193.1	200.6	197.9	194.8
311	Leather tanning and finishing	19.3	19.5	20.7	19.9	-	16.1	16.3	17.4	16.6	-
314	Footwear, except rubber	143.1	140.9	143.1	141.2	-	123.1	120.5	124.0	122.7	-
3143	Men's footwear, except athletic	56.9	56.7	58.5	58.2	-	49.1	48.4	50.4	50.3	-
3144	Women's footwear, except athletic	52.6	51.9	50.6	49.7	-	45.0	44.3	43.8	43.2	-
316	Luggage	15.8	15.4	14.7	14.6	-	11.6	11.2	11.4	11.5	-
317	Handbags and personal leather goods	29.5	28.7	31.1	30.4	-	25.0	24.2	25.5	24.8	-
-	TRANSPORTATION AND PUBLIC UTILITIES	5,147	5,159	5,204	5,182	5,167	4,291	4,294	4,315	4,290	4,277
40	RAILROAD TRANSPORTATION	529.9	520.9	504.2	493.7	-	-	-	-	-	-
4011	Class I railroads[2]	477.1	468.6	454.2	445.7	-	-	-	-	-	-
41	LOCAL AND INTERURBAN PASSENGER TRANSIT	275.7	275.9	292.8	298.1	-	255.3	255.5	272.5	270.1	-
411	Local and suburban transportation	81.4	81.5	84.6	83.6	-	74.8	74.8	77.1	76.2	-
412	Taxicabs	53.3	53.3	49.9	50.1	-	-	-	-	-	-
413	Intercity highway transportation	37.7	38.4	39.2	38.4	-	34.2	35.0	35.9	35.2	-
415	School buses	88.6	88.5	103.1	102.5	-	-	-	-	-	-
42	TRUCKING AND WAREHOUSING	1,279.1	1,281.1	1,252.8	1,252.2	-	1,121.6	1,123.8	1,093.2	1,092.6	-
421,3	Trucking and trucking terminals	1,187.6	1,193.3	1,166.5	1,165.0	-	1,043.5	1,049.3	1,019.9	1,018.5	-
422	Public warehousing	91.5	87.8	86.3	87.2	-	78.1	74.5	73.3	74.1	-
44	WATER TRANSPORTATION	199.6	205.1	208.8	205.8	-	-	-	-	-	-
45	TRANSPORTATION BY AIR	447.3	450.4	457.0	452.2	-	-	-	-	-	-
451,2	Air transportation	398.3	401.0	405.8	401.9	-	-	-	-	-	-
46	PIPE LINES, EXCEPT NATURAL GAS	21.6	21.5	22.2	22.2	-	15.4	15.2	15.4	15.3	-
47	TRANSPORTATION SERVICES	193.7	193.9	215.1	213.6	-	-	-	-	-	-
48	COMMUNICATION	1,361.8	1,360.9	1,376.6	1,377.8	-	1,015.8	1,015.1	1,025.2	1,027.2	-
481	Telephone communication	1,074.8	1,072.3	1,074.7	1,074.3	-	780.4	778.2	778.4	778.3	-
482	Radio and television broadcasting	200.8	202.0	204.6	206.2	-	161.2	162.4	165.9	167.6	-
49	ELECTRIC, GAS, AND SANITARY SERVICES	837.8	840.0	874.2	874.8	-	683.2	685.1	713.5	714.1	-
491	Electric services	401.1	402.7	415.6	415.5	-	324.2	326.3	335.3	336.1	-
492	Gas production and distribution	170.3	170.4	175.9	176.2	-	139.1	138.9	142.4	142.3	-
493	Combination utility services	194.9	195.7	208.5	208.9	-	158.2	158.8	171.8	172.0	-
495	Sanitary services	48.6	48.3	50.9	50.6	-	42.8	42.4	44.8	44.6	-
-	WHOLESALE AND RETAIL TRADE	20,761	21,138	20,999	21,131	21,403	18,226	18,592	18,384	18,505	18,763
50,51	WHOLESALE TRADE	5,312	5,315	5,381	5,373	5,358	4,332	4,334	4,376	4,366	4,354
50	WHOLESALE TRADE - DURABLE GOODS	3,129	3,135	3,197	3,193	-	2,549	2,553	2,589	2,583	-
501	Motor vehicles and automotive equipment	412.9	415.4	420.0	417.4	-	332.2	335.0	339.3	336.7	-
502	Furniture and home furnishing	118.1	117.9	122.9	124.7	-	96.6	96.5	100.5	102.2	-
503	Lumber and construction materials	195.3	194.5	189.8	189.1	-	160.8	160.2	156.2	155.5	-
504	Sporting goods, toys, and hobby goods	72.8	72.8	75.9	76.1	-	58.9	58.6	60.6	60.8	-
505	Metals and minerals, except petroleum	151.5	152.6	155.0	154.1	-	121.4	122.1	124.4	123.7	-
506	Electrical goods	420.0	420.5	424.7	427.0	-	341.1	341.1	341.4	343.7	-
507	Hardware, plumbing, and heating equipment	243.2	243.4	244.5	243.6	-	199.9	199.9	198.9	198.0	-

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry – Continued

[In thousands]

1972 SIC Code	Industry	All employees					Production workers[1]				
		Nov. 1980	Dec. 1980	Oct. 1981	Nov. 1981P	Dec. 1981P	Nov. 1980	Dec. 1980	Oct. 1981	Nov. 1981P	Dec. 1981P
	WHOLESALE TRADE-DURABLE GOODS—Continued										
508	Machinery, equipment, and supplies	1,309.9	1,312.5	1,362.5	1,363.4	–	1,063.3	1,064.5	1,098.3	1,096.0	–
509	Miscellaneous durable goods	205.7	205.8	201.4	198.0	–	174.8	174.8	169.8	166.8	–
51	WHOLESALE TRADE-NONDURABLE GOODS	2,183	2,180	2,184	2,180	–	1,783	1,781	1,787	1,783	–
511	Paper and paper products	153.3	153.6	155.9	157.3	–	124.9	124.7	125.9	126.9	–
512	Drugs, proprietaries, and sundries	148.9	150.5	152.2	152.8	–	126.0	127.2	128.7	129.3	–
513	Apparel, piece goods, and notions	171.3	169.1	169.4	169.6	–	136.0	134.0	133.2	133.4	–
514	Groceries and related products	681.6	683.4	682.2	678.7	–	584.9	586.9	586.6	582.9	–
516	Chemicals and allied products	127.5	129.1	129.6	129.8	–	91.6	93.0	93.3	92.7	–
517	Petroleum and petroleum products	222.4	223.4	224.3	223.9	–	162.2	163.2	168.9	168.5	–
518	Beer, wine, and distilled beverages	139.9	141.6	141.0	142.7	–	117.4	118.7	117.9	119.2	–
519	Miscellaneous nondurable goods	383.9	381.5	384.7	382.2	–	312.2	311.1	311.9	310.4	–
52-59	RETAIL TRADE	15,449	15,823	15,618	15,758	16,045	13,894	14,258	14,008	14,139	14,409
52	BUILDING MATERIALS AND GARDEN SUPPLIES	622.4	623.7	617.7	609.8	–	526.7	528.0	520.9	514.0	–
521	Lumber and other building materials	330.9	326.9	324.7	319.2	–	280.5	276.2	275.2	269.7	–
525	Hardware stores	150.8	154.0	150.2	150.5	–	129.2	132.3	127.8	128.5	–
53	GENERAL MERCHANDISE STORES	2,368.3	2,561.0	2,290.5	2,388.6	–	2,209.4	2,400.3	2,086.8	2,184.9	–
531	Department stores	1,977.4	2,139.7	1,909.7	1,993.3	–	1,857.3	2,017.4	1,742.8	1,827.4	–
533	Variety stores	265.3	283.2	252.4	260.6	–	244.7	262.4	234.3	241.7	–
539	Misc. general merchandise stores	125.6	138.1	128.4	134.7	–	107.4	120.5	109.7	115.8	–
54	FOOD STORES	2,443.7	2,469.8	2,477.6	2,503.5	–	2,262.5	2,289.9	2,303.2	2,324.7	–
541	Grocery stores	2,143.9	2,157.1	2,174.5	2,194.6	–	1,990.0	2,004.2	2,028.1	2,043.5	–
542	Meat markets and freezer provisioners	57.0	56.3	55.0	56.0	–	–	–	–	–	–
546	Retail bakeries	128.4	129.2	127.8	128.4	–	117.6	118.6	117.6	118.3	–
55	AUTOMOTIVE DEALERS AND SERVICE STATIONS	1,681.6	1,681.5	1,680.4	1,671.0	–	1,422.3	1,422.3	1,425.7	1,415.6	–
551,2	New and used car dealers	773.7	770.6	765.9	759.6	–	632.9	630.5	627.1	621.4	–
553	Auto and home supply stores	265.1	267.9	278.2	278.3	–	229.6	232.1	242.1	241.0	–
554	Gasoline service stations	567.1	567.8	559.6	559.0	–	494.3	495.0	490.5	490.4	–
56	APPAREL AND ACCESSORY STORES	1,002.7	1,076.8	982.4	1,017.1	–	862.3	937.5	840.7	873.4	–
561	Men's and boys' clothing and furnishings	137.3	152.8	133.8	137.2	–	116.7	132.3	113.8	117.1	–
562	Women's ready-to-wear stores	368.3	393.7	356.4	369.3	–	319.7	344.7	309.2	321.1	–
565	Family clothing stores	194.4	213.4	187.5	198.0	–	170.9	189.1	164.3	174.3	–
566	Shoe stores	196.7	207.2	199.8	204.0	–	163.4	174.0	163.5	167.7	–
57	FURNITURE AND HOME FURNISHINGS STORES	616.0	626.2	614.9	621.6	–	511.5	520.9	508.4	515.6	–
571	Furniture and home furnishings stores	379.3	384.3	381.2	382.4	–	315.4	320.4	315.7	317.8	–
572	Household appliance stores	84.6	86.0	84.5	86.4	–	72.4	73.3	72.1	73.3	–
573	Radio, television, and music stores	152.1	155.9	149.2	152.8	–	123.7	127.2	120.6	124.9	–
58	EATING AND DRINKING PLACES	4,735.4	4,720.8	4,957.2	4,899.6	–	4,362.3	4,348.5	4,572.8	4,512.6	–
59	MISCELLANEOUS RETAIL	1,978.7	2,060.8	1,997.5	2,047.0	–	1,736.7	1,810.5	1,749.7	1,797.7	–
591	Drug stores and proprietary stores	488.2	499.7	492.4	500.1	–	441.6	453.1	444.6	452.2	–
592	Liquor stores	127.0	133.1	131.2	132.9	–	–	–	–	–	–
594	Miscellaneous shopping goods stores	631.2	679.5	650.0	673.8	–	544.8	586.7	560.1	584.0	–
596	Nonstore retailers	299.2	305.6	293.6	306.3	–	276.7	282.8	272.3	284.8	–
598	Fuel and ice dealers	107.0	109.5	103.9	104.8	–	90.3	92.5	86.6	87.6	–
599	Retail stores, nec	267.3	275.4	268.4	271.6	–	224.4	231.0	225.3	227.5	–
	FINANCE, INSURANCE, AND REAL ESTATE[2]	5,223	5,237	5,349	5,345	5,345	3,949	3,956	4,037	4,026	4,027
60	BANKING	1,587.7	1,596.5	1,629.8	1,635.4	–	1,221.0	1,227.3	1,243.4	1,245.7	–
602	Commercial and stock savings banks	1,447.9	1,455.9	1,485.3	1,490.7	–	1,106.8	1,112.5	1,127.2	1,129.6	–
61	CREDIT AGENCIES OTHER THAN BANKS	574.7	578.4	576.4	575.6	–	433.3	436.7	436.9	436.2	–
612	Savings and loan associations	257.9	261.5	268.2	270.1	–	196.0	199.5	203.1	204.8	–
614	Personal credit institutions	202.9	203.6	194.1	192.1	–	151.8	151.8	149.8	148.0	–
62	SECURITY, COMMODITY BROKERS, AND SERVICES	231.6	233.2	251.2	253.5	–	–	–	–	–	–
621	Security brokers and dealers	188.1	189.6	207.2	209.1	–	–	–	–	–	–
63	INSURANCE CARRIERS	1,232.9	1,237.0	1,234.9	1,235.8	–	859.6	860.5	852.1	851.3	–
631	Life insurance	533.9	535.8	534.8	536.0	–	328.2	328.4	332.1	333.3	–

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry — Continued

[In thousands]

1972 SIC Code	Industry	All employees					Production workers[1]				
		Nov. 1980	Dec. 1980	Oct. 1981	Nov. 1981P	Dec. 1981P	Nov. 1980	Dec. 1980	Oct. 1981	Nov. 1981P	Dec. 1981P
	INSURANCE CARRIERS—Continued										
632	Medical service and health insurance	144.4	144.4	143.6	143.6	-	115.5	115.5	113.8	113.9	-
633	Fire, marine, and casualty insurance	481.2	483.0	483.9	484.5	-	358.0	358.3	349.6	348.6	-
64	INSURANCE AGENTS, BROKERS, AND SERVICE	458.7	459.5	471.4	472.3	-	-	-	-	-	-
65	REAL ESTATE	997.1	991.8	1,034.5	1,021.7	-	-	-	-	-	-
651	Real estate operators and lessors	462.7	461.2	480.6	475.6	-	-	-	-	-	-
653	Real estate agents and managers	379.4	375.6	391.1	389.4	-	-	-	-	-	-
655	Subdividers and developers	133.2	129.1	142.2	136.4	-	-	-	-	-	-
66	COMBINED REAL ESTATE, INSURANCE, ETC	21.0	21.1	21.0	21.0	-	-	-	-	-	-
67	HOLDING AND OTHER INVESTMENT OFFICES	119.1	115.5	129.4	129.7	-	-	-	-	-	-
-	SERVICES	18,118	18,149	18,826	18,794	18,771	16,114	16,134	16,738	16,700	16,658
70	HOTELS AND OTHER LODGING PLACES	1,038.3	1,020.6	1,093.5	1,049.8	-	-	-	-	-	-
701	Hotels, motels, and tourist courts	1,010.4	991.7	1,061.2	1,020.0	-	927.0	907.7	969.2	930.3	-
72	PERSONAL SERVICES	894.8	896.9	895.8	898.0	-	-	-	-	-	-
721	Laundry, cleaning, and garment services	357.1	357.5	355.1	356.8	-	318.9	319.7	317.2	318.8	-
723	Beauty shops	267.5	268.7	268.8	269.0	-	267.3	266.7	266.8	266.0	-
726	Funeral service and crematories	70.1	71.4	72.9	72.7	-	-	-	-	-	-
73	BUSINESS SERVICES	3,217.3	3,237.6	3,392.1	3,384.9	-	2,808.0	2,825.7	2,964.8	2,962.7	-
731	Advertising	154.5	154.6	156.0	156.6	-	117.4	117.6	120.0	121.0	-
732	Credit reporting and collection	73.9	72.9	71.7	71.3	-	-	-	-	-	-
733	Mailing, reproduction, stenographic	125.2	125.8	135.1	135.5	-	-	-	-	-	-
734	Services to buildings	493.7	496.2	525.1	523.9	-	446.1	448.3	477.8	477.5	-
736	Personnel supply services	596.7	608.7	625.1	608.8	-	-	-	-	-	-
737	Computer and data processing services	318.9	322.0	355.5	358.8	-	266.7	269.0	290.8	295.1	-
75	AUTO REPAIR, SERVICES, AND GARAGES	571.6	565.7	581.7	565.0	-	488.0	485.7	496.5	498.3	-
753	Automotive repair shops	350.6	347.8	357.8	359.0	-	298.2	296.0	302.6	303.0	-
76	MISCELLANEOUS REPAIR SERVICES	292.7	294.8	302.0	300.5	-	242.5	245.5	255.3	253.7	-
78	MOTION PICTURES	202.4	209.1	213.2	210.6	-	177.7	182.8	181.9	178.1	-
781	Motion picture production and services	74.5	81.4	76.8	75.8	-	62.1	67.5	63.2	64.4	-
783	Motion picture theaters	116.9	116.6	125.8	120.1	-	-	-	-	-	-
79	AMUSEMENT AND RECREATION SERVICES	687.6	695.8	761.2	739.8	-	615.5	623.8	686.3	664.9	-
80	HEALTH SERVICES	5,376.0	5,393.5	5,614.3	5,634.0	-	4,805.6	4,817.6	5,027.5	5,040.9	-
801	Offices of physicians	760.6	765.0	794.1	796.1	-	624.0	626.8	654.0	651.8	-
802	Offices of dentists	346.6	350.2	362.2	366.6	-	303.2	305.1	320.4	325.5	-
805	Nursing and personal care facilities	1,022.3	1,024.0	1,061.0	1,064.5	-	922.2	924.7	960.2	962.3	-
806	Hospitals	2,799.5	2,803.0	2,927.8	2,934.9	-	2,568.0	2,569.5	2,686.0	2,692.3	-
81	LEGAL SERVICES	517.2	520.0	545.1	549.0	-	442.3	444.3	463.9	465.8	-
82	EDUCATIONAL SERVICES	1,222.3	1,205.5	1,229.3	1,247.5	-	-	-	-	-	-
821	Elementary and secondary schools	302.9	304.4	297.2	300.2	-	-	-	-	-	-
822	Colleges and universities	798.5	779.9	807.2	821.1	-	-	-	-	-	-
83	SOCIAL SERVICES	1,165.8	1,171.3	1,177.1	1,182.1	-	-	-	-	-	-
86	MEMBERSHIP ORGANIZATIONS	1,573.6	1,581.3	1,585.0	1,590.1	-	-	-	-	-	-
89	MISCELLANEOUS SERVICES	1,005.4	1,010.2	1,043.6	1,043.5	-	836.7	841.6	863.8	863.5	-
891	Engineering and architectural services	553.0	554.2	569.1	568.9	-	469.6	470.8	476.0	475.6	-
893	Accounting, auditing, and bookkeeping	321.0	324.5	338.8	338.8	-	257.9	261.4	273.9	274.1	-
-	GOVERNMENT[2]	16,473	16,435	16,021	16,164	16,156	-	-	-	-	-
-	FEDERAL GOVERNMENT	2,776	2,782	2,737	2,736	2,742	-	-	-	-	-
-	Executive, by agency[4]	2,722.7	2,728.5	2,683.3	2,682.0	-	-	-	-	-	-
-	Department of Defense	892.0	893.6	918.8	921.6	-	-	-	-	-	-
-	Postal Service	663.1	672.5	665.0	664.5	-	-	-	-	-	-
-	Other executive agencies	1,167.6	1,162.4	1,103.5	1,095.9	-	-	-	-	-	-
-	Legislative	38.7	38.9	38.4	38.5	-	-	-	-	-	-
-	Judicial	14.9	14.9	15.3	15.2	-	-	-	-	-	-

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry – Continued

(In thousands)

1972 SIC Code	Industry	All employees					Production workers[1]				
		Nov. 1980	Dec. 1980	Oct. 1981	Nov. 1981p	Dec. 1981p	Nov. 1980	Dec. 1980	Oct. 1981	Nov. 1981p	Dec. 1981p
	FEDERAL GOVERNMENT–Continued										
	Federal Government, by industry:										
—	Manufacturing activities	106.4	107.0	111.3	112.9	–	–	–	–	–	–
3731	Shipbuilding and repairing	56.8	57.1	58.9	60.1	–	–	–	–	–	–
—	Transportation and public utilities, except Postal Service	41.2	40.8	41.6	42.0	–	–	–	–	–	–
—	Services	409.9	410.2	404.2	403.2	–	–	–	–	–	–
806	Federal government hospitals	231.6	233.1	230.5	230.9	–	–	–	–	–	–
—	STATE AND LOCAL GOVERNMENT	13,697	13,653	13,284	13,428	13,414	–	–	–	–	–
—	State government	3,683.9	3,657.5	3,635.5	3,651.2	–	–	–	–	–	–
806	State government hospitals	536.1	535.8	531.2	533.4	–	–	–	–	–	–
82	State education	1,490.2	1,462.1	1,457.3	1,481.0	–	–	–	–	–	–
—	General administration including executive, legislative, and judicial functions	1,028.5	1,030.1	1,032.6	1,026.2	–	–	–	–	–	–
—	Local government	10012.8	9,995.2	9,648.4	9,777.0	–	–	–	–	–	–
—	Transportation and public utilities	627.0	627.6	632.0	638.9	–	–	–	–	–	–
806	Local government hospitals	613.0	615.0	633.6	635.7	–	–	–	–	–	–
82	Local education	5,432.1	5,434.8	5,252.5	5,369.9	–	–	–	–	–	–
—	General administration including executive, legislative, and judicial functions	2,957.0	2,942.0	2,820.4	2,822.9	–	–	–	–	–	–

[1] Data relate to production and related workers in mining and manufacturing, to construction workers in construction, and to nonsupervisory workers in transportation and public utilities, wholesale and retail trade, finance, insurance, and real estate, and services.

[2] Beginning January 1978, data relate to line haul railroads with operating revenues of $50,000,000 or more.

[3] Data for nonoffice sales agents excluded from nonsupervisory count for all series in this division.

[4] Prepared by the Office of Personnel Management. Data relate to civilian employment only and exclude Central Intelligence and National Security Agencies.

– Data not available.
p = preliminary.

NOTE: Data from April 1980 forward are subject to revision when more recent benchmark data are introduced. See "Benchmark adjustment" in the Explanatory notes of this publication.

B-3. Women employees on nonagricultural payrolls by industry

[In thousands]

1972 SIC Code	Industry	Sept. 1980	Oct. 1980	Aug. 1981	Sept. 1981	Oct. 1981
	TOTAL	38,315	38,751	38,672	39,361	39,733
	PRIVATE SECTOR	30,731	30,855	31,725	31,962	32,016
	MINING	107	107	132	132	133
10	METAL MINING	8.0	7.9	9.6	9.2	8.8
11, 12	COAL MINING	10.8	10.9	11.6	11.8	11.9
13	OIL AND GAS EXTRACTION	78.6	79.1	101.0	100.8	101.8
131, 2	Crude petroleum, natural gas, and natural gas liquids	51.0	51.7	64.2	63.7	64.3
138	Oil and gas field services	27.6	27.4	36.8	37.1	37.5
14	NONMETALLIC MINERALS, EXCEPT FUELS	9.6	9.5	10.0	10.0	10.0
142	Crushed and broken stone	2.7	2.6	2.7	2.7	2.7
144	Sand and gravel	3.2	3.1	3.2	3.2	3.2
	CONSTRUCTION	386	388	410	406	404
15	GENERAL BUILDING CONTRACTORS	135.9	137.1	143.9	140.7	139.1
152	Residential building construction	80.7	81.1	87.6	84.9	83.5
153	Operative builders	13.9	14.2	14.4	14.5	14.3
154	Nonresidential building construction	41.3	41.8	41.9	41.3	41.3
16	HEAVY CONSTRUCTION CONTRACTORS	64.6	64.3	65.7	64.8	64.3
161	Highway and street construction	19.5	18.9	18.2	17.9	17.0
162	Heavy construction, except highway	45.1	45.4	47.5	46.9	47.3
17	SPECIAL TRADE CONTRACTORS	185.9	186.4	199.9	200.0	200.1
171	Plumbing, heating, air conditioning	50.5	50.8	54.8	54.8	54.9
172	Painting, paper hanging, decorating	11.6	11.6	12.5	12.8	12.7
173	Electrical work	34.9	35.4	37.2	37.0	37.1
174	Masonry, stonework, and plastering	21.3	21.4	24.2	24.3	24.1
175	Carpentering and flooring	14.8	14.9	15.3	15.3	15.2
176	Roofing and sheet metal work	13.5	13.5	13.7	13.8	14.1
	MANUFACTURING	6,335	6,338	6,485	6,535	6,478
24, 25, 32-39	DURABLE GOODS	2,964	2,997	3,077	3,109	3,095
20-23, 26-31	NONDURABLE GOODS	3,371	3,341	3,408	3,426	3,383
	DURABLE GOODS					
24	LUMBER AND WOOD PRODUCTS	103.4	103.4	106.1	104.8	102.1
241	Logging camps and logging contractors	5.9	5.8	5.7	5.7	5.5
242	Sawmills and planing mills	20.0	20.1	20.3	19.9	19.2
2421	Sawmills and planing mills, general	14.6	14.5	14.5	14.1	13.7
243	Millwork, plywood, and structural members	41.8	41.3	43.5	42.6	41.5
244	Wood containers	7.1	7.1	7.0	7.0	6.9
245	Wood buildings and mobile homes	8.1	8.3	8.7	8.6	8.2
249	Miscellaneous wood products	20.5	20.8	20.9	21.0	20.8
25	FURNITURE AND FIXTURES	136.5	138.4	144.8	146.1	147.0
251	Household furniture	97.9	99.9	102.3	103.0	103.7
2511	Wood household furniture	43.0	43.8	44.1	44.5	44.3
2512	Upholstered household furniture	32.8	33.3	34.9	34.9	34.6
2515	Mattresses and bedsprings	8.2	8.2	8.4	8.5	8.1
252	Office furniture	12.2	12.1	13.6	13.8	13.7
253	Public building and related furniture	5.0	4.9	5.8	5.8	5.9
254	Partitions and fixtures	10.8	10.7	11.1	11.3	11.3
259	Miscellaneous furniture and fixtures	10.6	10.8	12.0	12.2	12.4
32	STONE, CLAY, AND GLASS PRODUCTS	125.3	125.8	130.7	130.8	129.4
322	Glass and glassware, pressed or blown	41.4	41.3	42.0	41.7	41.5
3221	Glass containers	23.7	23.4	23.7	23.2	23.0
3229	Pressed and blown glass, nec	17.7	17.9	18.3	18.5	18.5
323	Products of purchased glass	13.6	13.4	13.5	13.8	13.4
324	Cement, hydraulic	1.6	1.6	1.8	1.8	1.7
325	Structural clay products	6.4	6.4	6.8	6.8	6.7
326	Pottery and related products	14.9	15.0	14.9	15.3	14.9
327	Concrete, gypsum, and plaster products	15.4	15.5	15.1	14.9	14.8
329	Misc. nonmetallic mineral products	29.4	29.8	33.1	33.1	32.9
33	PRIMARY METAL INDUSTRIES	119.8	121.7	125.4	125.1	121.9
331	Blast furnace and basic steel products	36.8	37.9	42.4	41.5	39.8
3312	Blast furnaces and steel mills	27.3	28.5	32.0	31.1	29.4
332	Iron and steel foundries	18.4	18.4	17.7	18.3	17.7

B-3. Women employees on nonagricultural payrolls by industry—Continued

(In thousands)

1972 SIC Code	Industry	Sept. 1980	Oct. 1980	Aug. 1981	Sept. 1981	Oct. 1981
	PRIMARY METAL INDUSTRIES —Continued					
3321	Gray iron foundries	8.3	8.5	9.1	9.0	8.6
3322	Malleable iron foundries	1.0	1.0	1.1	1.1	1.0
3325	Steel foundries, nec	5.1	5.0	4.7	4.7	4.6
333	Primary nonferrous metals	4.9	4.7	5.1	5.0	5.0
3334	Primary aluminum	2.3	2.2	2.4	2.2	2.2
335	Nonferrous rolling and drawing	40.4	41.1	38.5	38.7	38.0
3351	Copper rolling and drawing	3.2	3.3	3.5	3.6	3.4
3353	Aluminum sheet, plate, and foil	4.0	3.9	4.0	3.8	3.7
3357	Nonferrous wire drawing and insulating	24.8	25.7	22.7	23.5	23.3
336	Nonferrous foundries	13.9	14.1	15.6	15.7	15.5
3361	Aluminum foundries	6.9	6.9	8.0	8.0	8.0
34	**FABRICATED METAL PRODUCTS**	328.1	332.8	337.7	342.3	336.9
341	Metal cans and shipping containers	13.0	12.5	12.9	12.8	11.9
3411	Metal cans	11.3	10.8	11.1	11.0	10.1
342	Cutlery, hand tools, and hardware	54.2	55.9	56.5	57.9	56.7
3423, 5	Hand and edge tools, and hand saws and blades	15.8	15.9	16.5	16.6	16.5
3429	Hardware, nec	31.6	32.8	33.6	34.8	33.8
343	Plumbing and heating, except electric	15.1	15.8	16.8	17.2	16.9
344	Fabricated structural metal products	71.6	72.1	72.5	72.2	71.6
3441	Fabricated structural metal	7.2	7.2	7.4	7.5	7.4
3442	Metal doors, sash, and trim	21.0	21.3	20.9	20.7	20.2
3443	Fabricated plate work (boiler shops)	18.4	18.4	18.6	18.6	18.7
3444	Sheet metal work	15.5	15.7	15.9	15.9	15.8
345	Screw machine products, bolts, etc	23.2	23.4	23.3	23.5	23.5
3451	Screw machine products	12.0	12.1	11.8	12.0	12.1
3452	Bolts, nuts, rivets, and washers	11.2	11.3	11.5	11.5	11.4
346	Metal forgings and stampings	51.9	53.2	51.7	53.7	51.8
3462	Iron and steel forgings	4.2	4.2	4.3	4.2	4.1
3465	Automotive stampings	12.7	13.9	12.4	13.2	12.7
3469	Metal stampings, nec	32.5	32.6	32.5	33.6	32.4
347	Metal services, nec	24.0	24.4	24.6	25.0	25.1
3471	Plating and polishing	16.8	17.1	17.8	18.0	18.1
3479	Metal coating and allied services	7.2	7.3	6.8	7.0	7.0
348	Ordnance and accessories, nec	16.8	16.8	17.0	17.1	17.0
349	Misc. fabricated metal products	58.3	58.7	62.4	62.9	62.4
3494	Valves and pipe fittings	21.8	21.7	23.6	23.4	23.3
3496	Misc. fabricated wire products	14.2	14.3	15.1	15.3	15.2
35	**MACHINERY, EXCEPT ELECTRICAL**	486.1	491.8	510.2	516.0	517.3
351	Engines and turbines	24.4	24.4	24.0	24.9	25.2
3511	Turbines and turbine generator sets	6.2	6.1	5.8	5.8	5.9
3519	Internal combustion engines, nec	18.2	18.3	18.2	19.1	19.3
352	Farm and garden machinery	25.8	27.3	26.4	26.5	26.9
3523	Farm machinery and equipment	20.6	21.1	20.0	19.7	19.6
353	Construction and related machinery	48.2	48.6	53.4	53.9	53.6
3531	Construction machinery	13.8	13.9	15.6	16.0	15.9
3533	Oil field machinery	13.8	14.0	16.4	16.7	16.9
354	Metalworking machinery	56.1	56.8	57.9	57.6	57.4
3541	Machine tools, metal cutting types	10.2	10.3	10.6	10.5	10.4
3544	Special dies, tools, jigs, and fixtures	15.4	15.7	16.4	16.3	15.8
3545	Machine tool accessories	13.3	13.4	13.7	13.6	13.5
355	Special industry machinery	30.7	30.8	30.6	30.2	30.1
3551	Food products machinery	6.1	6.1	5.7	5.5	5.5
3552	Textile machinery	5.0	4.9	4.8	4.8	4.8
3555	Printing trades machinery	7.2	7.3	7.4	7.3	7.3
356	General industrial machinery	61.7	61.1	61.9	62.2	61.6
3561	Pumps and pumping equipment	11.4	11.4	11.7	11.7	11.7
3562	Ball and roller bearings	13.9	13.9	13.4	13.5	13.3
357	Office and computing machines	155.3	156.8	166.4	168.5	170.6
3573	Electronic computing equipment	127.1	128.6	138.3	139.8	142.1
358	Refrigeration and service machinery	36.4	37.6	38.0	39.3	39.3
3585	Refrigeration and heating equipment	23.9	24.9	25.6	26.6	26.4
359	Misc. machinery, except electrical	47.5	48.4	51.6	52.9	52.6
3599	Machinery, except electrical, nec	38.0	38.8	40.7	41.7	41.9
36	**ELECTRIC AND ELECTRONIC EQUIPMENT**	879.1	888.0	912.5	925.2	923.5
361	Electric distributing equipment	43.2	43.8	45.5	46.9	46.8
3612	Transformers	17.4	17.5	18.7	19.7	19.7
3613	Switchgear and switchboard apparatus	25.8	26.3	26.8	27.2	27.1
362	Electrical industrial apparatus	85.2	85.8	90.6	91.1	89.5
3621	Motors and generators	45.0	45.9	49.2	49.7	48.7
3622	Industrial controls	28.3	28.1	28.5	28.5	28.1
363	Household appliances	57.7	60.0	60.2	63.7	62.8
3632	Household refrigerators and freezers	7.7	8.7	8.8	10.6	9.8
3633	Household laundry equipment	4.0	4.4	4.6	4.2	4.2
3634	Electric housewares and fans	29.8	30.2	29.8	31.0	30.5
364	Electric lighting and wiring equipment	93.2	93.9	95.3	95.5	95.7
3641	Electric lamps	22.3	22.0	20.6	20.7	21.3

B-3. Women employees on nonagricultural payrolls by industry—Continued

[In thousands]

1972 SIC Code	Industry	Sept. 1980	Oct. 1980	Aug. 1981	Sept. 1981	Oct. 1981
	ELECTRIC AND ELECTRONIC EQUIPMENT—Continued					
3643	Current-carrying wiring devices	41.5	41.6	44.1	43.9	43.5
365	Radio and TV receiving equipment	58.7	59.2	57.9	59.8	59.0
3651	Radio and TV receiving sets	43.7	44.2	45.0	46.3	45.8
366	Communication equipment	203.9	204.5	209.1	209.8	210.8
3661	Telephone and telegraph apparatus	76.6	76.2	73.1	73.5	73.1
3662	Radio and TV communication equipment	127.3	128.3	136.0	136.3	137.7
367	Electronic components and accessories	283.3	284.8	292.4	294.8	296.0
3671,3	Electronic tubes	16.1	16.0	16.2	16.3	16.3
3674	Semiconductors and related devices	107.2	108.6	108.1	107.8	108.2
3679	Electronic components, nec	112.7	113.4	118.5	120.3	122.0
369	Misc. electrical equipment and supplies	53.9	56.0	61.5	63.6	62.9
3694	Engine electrical equipment	24.9	26.9	31.1	32.6	31.9
37	**TRANSPORTATION EQUIPMENT**	288.7	255.0	304.0	310.1	308.1
371	Motor vehicles and equipment	102.0	106.3	102.0	107.1	107.2
3711	Motor vehicles and car bodies	39.1	41.3	33.7	36.4	37.8
3713	Truck and bus bodies	4.0	3.8	3.7	3.9	3.8
3714	Motor vehicle parts and accessories	55.7	58.1	61.3	62.6	61.4
372	Aircraft and parts	119.7	120.4	126.6	127.6	126.8
3721	Aircraft	63.6	64.5	72.9	72.7	72.4
3724	Aircraft engines and engine parts	29.0	28.9	27.0	27.7	27.4
3728	Aircraft equipment, nec	27.1	27.0	26.7	27.2	27.0
373	Ship and boat building and repairing	20.9	21.8	25.8	25.7	24.8
3731	Ship building and repairing	15.2	15.9	18.8	18.6	17.8
374	Railroad equipment	6.5	6.4	5.2	5.3	5.0
376	Guided missiles, space vehicles, parts	24.8	24.9	27.7	27.8	27.9
3761	Guided missiles and space vehicles	20.6	20.7	23.1	23.2	23.3
379	Miscellaneous transportation equipment	8.5	8.9	7.9	8.0	8.0
38	**INSTRUMENTS AND RELATED PRODUCTS**	299.3	301.3	308.5	307.4	306.5
381	Engineering and scientific instruments	24.1	24.1	24.6	24.5	24.7
382	Measuring and controlling devices	103.6	104.6	107.4	107.7	106.8
3822	Environmental controls	23.4	23.9	23.7	23.8	23.0
3823	Process control instruments	17.5	17.9	19.9	20.0	19.8
3825	Instruments to measure electricity	47.0	47.0	48.7	48.3	48.5
383	Optical instruments and lenses	11.2	11.3	11.6	11.8	11.8
384	Medical instruments and supplies	84.0	84.4	86.8	86.6	86.9
3841	Surgical and medical instruments	41.2	41.2	42.4	42.0	42.4
3842	Surgical appliances and supplies	34.6	34.9	36.4	36.5	36.5
385	Ophthalmic goods	25.0	25.3	25.0	24.6	24.1
386	Photographic equipment and supplies	38.8	39.0	41.7	40.6	40.7
387	Watches, clocks, and watchcases	12.6	12.6	11.4	11.6	11.5
39	**MISCELLANEOUS MANUFACTURING INDUSTRIES**	197.4	198.3	197.4	201.1	202.5
391	Jewelry, silverware, and plated ware	26.4	27.5	24.5	26.4	27.3
393	Musical instruments	9.4	9.5	10.2	9.9	10.4
394	Toys and sporting goods	63.4	62.6	62.8	64.3	63.7
3942, 4	Dolls, games, toys, and children's vehicles	35.8	35.7	36.2	36.9	36.5
3949	Sporting and athletic goods, nec	27.6	26.9	26.6	27.4	27.2
395	Pens, pencils, office and art supplies	19.9	20.0	21.4	21.5	21.6
396	Costume jewelry and notions	29.2	30.0	27.5	27.7	28.0
399	Miscellaneous manufactures	49.1	48.7	51.0	51.3	51.5
	NONDURABLE GOODS					
20	**FOOD AND KINDRED PRODUCTS**	572.3	539.3	549.5	550.9	530.7
201	Meat products	116.6	116.5	114.7	114.8	114.7
2011	Meat packing plants	29.0	29.5	29.8	29.6	29.4
2013	Sausages and other prepared meats	21.1	20.5	20.7	20.8	20.5
2016	Poultry dressing plants	59.7	58.8	58.5	58.6	58.5
202	Dairy products	38.7	38.4	38.0	37.5	37.0
2026	Fluid milk	17.5	17.3	17.3	16.9	16.8
203	Preserved fruits and vegetables	163.1	124.8	142.4	142.4	117.0
2032	Canned specialties	9.9	9.5	10.1	10.8	9.8
2033	Canned fruits and vegetables	92.7	54.1	74.3	68.9	45.0
2037	Frozen fruits and vegetables	21.5	22.9	21.5	24.6	24.0
204	Grain mill products	30.6	30.4	30.3	30.8	30.7
205	Bakery products	59.1	59.2	57.9	58.9	59.0
2051	Bread, cake, and related products	38.8	38.6	39.1	39.3	39.2
2052	Cookies and crackers	20.3	20.6	18.8	19.6	19.8
206	Sugar and confectionery products	44.2	49.1	44.2	46.4	52.5
207	Fats and oils	5.9	6.1	6.0	6.0	6.1
208	Beverages	41.1	42.4	43.3	43.2	43.6
2082	Malt beverages	7.7	7.6	8.3	8.0	8.2
2086	Bottled and canned soft drinks	18.7	18.6	19.8	19.7	19.6
209	Misc. foods and kindred products	73.0	72.4	72.7	70.9	70.1
21	**TOBACCO MANUFACTURES**	27.9	28.5	28.3	29.4	29.4
211	Cigarettes	14.0	14.2	15.1	14.6	14.6

B-3. Women employees on nonagricultural payrolls by industry — Continued

(In thousands)

1972 SIC Code	Industry	Sept. 1980	Oct. 1980	Aug. 1981	Sept. 1981	Oct. 1981
22	TEXTILE MILL PRODUCTS	399.1	399.4	401.9	404.1	397.2
221	Weaving mills, cotton	64.9	64.4	61.4	61.6	60.8
222	Weaving mills, synthetics	48.7	48.7	49.2	49.7	47.6
223	Weaving and finishing mills, wool	7.0	7.0	7.2	7.1	7.1
224	Narrow fabric mills	13.5	13.7	14.8	15.0	14.7
225	Knitting mills	141.4	141.3	142.0	142.3	140.7
2251	Women's hosiery, except socks	23.3	22.9	22.7	22.7	22.7
2252	Hosiery, nec	23.8	24.0	25.0	25.0	24.9
2253	Knit outerwear mills	48.9	49.4	51.9	52.4	51.8
2254	Knit underwear mills	23.5	23.5	22.6	22.3	22.1
2257	Circular knit fabric mills	12.7	12.5	11.8	11.6	11.1
226	Textile finishing, except wool	21.6	21.6	21.9	22.2	22.2
2261	Finishing plants, cotton	9.2	9.2	9.5	9.6	10.0
2262	Finishing plants, synthetic	6.1	6.1	6.4	6.4	6.2
227	Floor covering mills	22.5	22.0	22.8	23.0	23.0
228	Yarn and thread mills	60.4	61.3	62.9	63.4	61.6
2281	Yarn mills, except wool	38.0	38.6	39.9	39.9	38.5
2282	Throwing and winding mills	11.8	12.0	12.0	12.1	11.9
229	Miscellaneous textile goods	19.1	19.4	19.7	19.8	19.5
23	APPAREL AND OTHER TEXTILE PRODUCTS	1,025.6	1,022.4	1,027.5	1,037.1	1,026.7
231	Men's and boys' suits and coats	60.5	60.7	61.7	62.0	61.5
232	Men's and boys' furnishings	304.6	301.3	300.6	300.4	297.7
2321	Men's and boys' shirts and nightwear	86.6	85.7	85.5	86.2	86.1
2327	Men's and boys' separate trousers	63.3	63.6	62.8	61.4	61.6
2328	Men's and boys' work clothing	86.0	84.1	85.5	85.5	83.2
233	Women's and misses' outerwear	354.0	351.6	356.7	359.7	353.0
2331	Women's and misses' blouses and waists	53.9	54.5	55.3	55.5	55.5
2335	Women's and misses' dresses	125.0	122.0	122.4	123.8	120.2
2337	Women's and misses' suits and coats	57.4	55.2	56.4	56.8	52.7
2339	Women's and misses' outerwear, nec	117.7	119.9	122.6	123.6	124.6
234	Women's and children's undergarments	77.1	77.2	77.6	79.3	79.3
2341	Women's and children's underwear	63.2	63.2	62.9	64.5	64.6
2342	Brassieres and allied garments	13.9	14.0	14.7	14.8	14.7
236	Children's outerwear	55.2	56.1	54.9	56.0	55.9
2361	Children's dresses and blouses	24.1	24.7	24.3	25.0	25.3
238	Misc. apparel and accessories	83.6	83.4	83.4	83.3	83.1
239	Misc. fabricated textile products	114.9	116.4	117.4	121.0	121.7
2391	Curtains and draperies	21.2	21.8	23.3	23.6	24.0
2392	House furnishings, nec	31.9	32.2	32.6	33.7	34.1
2396	Automotive and apparel trimmings	17.8	18.3	16.6	18.1	18.5
26	PAPER AND ALLIED PRODUCTS	158.0	159.3	165.1	165.0	161.8
261, 2 6	Paper and pulp mills	27.5	27.7	28.9	28.6	28.2
262	Paper mills, except building paper	24.5	24.8	26.1	25.8	25.5
263	Paperboard mills	6.0	6.0	6.2	6.0	6.0
264	Misc. converted paper products	75.8	76.6	79.8	79.9	78.1
265	Paperboard containers and boxes	48.7	49.0	50.2	50.5	49.5
27	PRINTING AND PUBLISHING	497.2	499.1	514.6	516.6	521.5
271	Newspapers	158.1	159.7	165.8	165.9	167.8
272	Periodicals	53.4	53.9	55.0	55.5	55.8
273	Books	51.9	51.8	53.9	53.1	53.3
274	Miscellaneous publishing	26.3	25.7	26.8	26.5	26.9
275	Commercial printing	132.7	133.3	136.9	139.0	140.7
2751	Commercial printing, letterpress	56.2	56.5	57.2	58.4	59.4
2752	Commercial printing, lithographic	71.0	71.4	73.1	74.1	74.8
276	Manifold business forms	15.7	15.8	15.8	15.8	15.8
278	Blankbooks and bookbinding	32.6	31.9	33.4	33.4	33.5
279	Printing trade services	10.7	11.0	11.5	11.7	12.0
28	CHEMICALS AND ALLIED PRODUCTS	277.5	277.7	284.1	284.3	283.6
281	Industrial inorganic chemicals	23.9	24.0	24.7	24.5	24.4
2819	Industrial inorganic chemicals, nec	16.2	16.3	16.6	16.5	16.4
282	Plastics materials and synthetics	43.0	43.1	43.7	43.8	43.6
2821	Plastics materials and resins	11.3	11.3	11.9	11.8	11.7
2824	Organic fibers, noncellulosic	25.0	25.2	25.0	25.4	25.3
283	Drugs	82.5	83.0	86.4	86.7	86.8
2834	Pharmaceutical preparations	69.4	69.7	72.4	72.6	72.7
284	Soap, cleaners, and toilet goods	58.4	58.0	56.9	57.3	56.7
2841	Soap and other detergents	9.7	9.6	9.3	9.2	9.0
2844	Toilet preparations	34.8	34.6	34.0	34.5	34.2
285	Paints and allied products	12.5	12.4	12.7	12.5	12.6
286	Industrial organic chemicals	25.9	25.8	26.9	27.1	27.2
2861,9	Gum, wood, and industrial organic chemicals, nec	21.5	21.4	22.4	22.7	22.8
287	Agricultural chemicals	10.7	10.5	11.0	10.8	10.8
289	Miscellaneous chemical products	20.6	20.9	21.8	21.6	21.5

B-3. Women employees on nonagricultural payrolls by industry – Continued

(In thousands)

1972 SIC Code	Industry	Sept. 1980	Oct. 1980	Aug. 1981	Sept. 1981	Oct. 1981
29	**PETROLEUM AND COAL PRODUCTS**	28.1	28.0	31.4	31.0	31.0
291	Petroleum refining	23.0	22.9	26.2	25.8	25.7
30	**RUBBER AND MISC. PLASTICS PRODUCTS**	245.6	248.9	262.9	265.1	260.1
301	Tires and inner tubes	11.0	11.1	11.8	11.5	11.5
302	Rubber and plastics footwear	14.0	13.4	12.5	12.5	11.3
303,4	Reclaimed rubber, and rubber and plastics hose and belting	5.5	5.7	7.0	7.0	6.7
306	Fabricated rubber products, nec	35.4	35.5	37.4	37.8	37.3
307	Miscellaneous plastics products	179.7	182.8	194.2	196.3	193.3
31	**LEATHER AND LEATHER PRODUCTS**	139.8	138.6	143.1	142.1	141.4
311	Leather tanning and finishing	2.6	2.8	3.0	3.0	3.0
314	Footwear, except rubber	94.0	93.7	97.6	95.8	94.9
3143	Men's footwear, except athletic	34.9	35.2	37.1	36.9	36.7
3144	Women's footwear, except athletic	36.1	35.4	36.9	35.2	35.0
316	Luggage	8.8	8.5	8.1	8.2	8.0
317	Handbags and personal leather goods	21.1	20.5	20.5	21.9	21.2
	TRANSPORTATION AND PUBLIC UTILITIES	1,298	1,319	1,330	1,360	1,363
41	**LOCAL AND INTERURBAN PASSENGER TRANSIT**	69.7	72.2	82.0	78.8	81.1
411	Local and suburban transportation	14.7	14.7	15.2	16.4	16.7
412	Taxicabs	6.8	7.1	6.6	7.2	7.1
413	Intercity highway transportation	5.4	5.2	5.1	5.2	4.9
415	School buses	40.1	42.5	12.7	47.2	49.5
42	**TRUCKING AND WAREHOUSING**	149.3	152.9	153.0	153.1	154.7
421,3	Trucking and trucking terminals	132.8	134.4	136.7	135.9	135.9
422	Public warehousing	16.5	18.5	16.3	17.2	18.8
44	**WATER TRANSPORTATION**	21.3	20.9	24.5	23.9	23.3
45	**TRANSPORTATION BY AIR**	145.0	147.4	154.7	151.8	150.1
451,2	Air transportation	140.5	139.0	145.6	142.7	140.9
46	**PIPE LINES, EXCEPT NATURAL GAS**	2.8	2.8	3.3	3.3	3.3
47	**TRANSPORTATION SERVICES**	91.0	91.2	108.2	107.8	108.7
48	**COMMUNICATION**	635.5	639.7	646.8	646.1	647.3
481	Telephone communication	549.8	552.5	555.2	553.5	553.6
483	Radio and television broadcasting	64.1	65.1	66.0	66.5	67.4
49	**ELECTRIC, GAS, AND SANITARY SERVICES**	155.5	156.3	171.1	168.6	168.9
491	Electric services	73.0	73.8	79.2	78.9	79.1
492	Gas production and distribution	36.9	36.9	40.7	39.6	39.5
493	Combination utility services	35.0	35.0	39.7	38.7	38.8
496	Sanitary services	5.8	5.7	6.3	6.4	6.5
	WHOLESALE AND RETAIL TRADE	8,557	8,986	9,159	9,276	9,315
50,51	**WHOLESALE TRADE**	1,372	1,389	1,396	1,406	1,418
50	**WHOLESALE TRADE-DURABLE GOODS**	752	757	778	778	783
501	Motor vehicles and automotive equipment	88.3	88.9	89.9	90.6	91.1
502	Furniture and home furnishings	43.7	43.8	46.0	47.0	47.6
503	Lumber and construction materials	36.6	36.9	37.1	37.0	37.0
504	Sporting goods, toys, and hobby goods	23.6	24.1	25.3	25.7	25.8
505	Metals and minerals, except petroleum	28.8	29.0	30.1	30.1	30.0
506	Electrical goods	120.4	120.9	123.4	123.0	125.2
507	Hardware, plumbing, and heating equipment	65.1	65.3	66.8	66.3	66.6
508	Machinery, equipment, and supplies	300.5	302.4	312.2	310.7	312.7
509	Miscellaneous durable goods	47.2	48.0	47.3	47.5	47.2
51	**WHOLESALE TRADE-NONDURABLE GOODS**	620	632	618	628	635
511	Paper and paper products	46.4	47.2	48.8	48.8	49.2
512	Drugs, proprietaries, and sundries	63.9	65.1	65.5	65.7	66.4
513	Apparel, piece goods, and notions	82.2	83.7	83.6	83.8	83.7
514	Groceries and related products	165.3	169.5	168.5	163.7	163.2
516	Chemicals and allied products	34.0	34.1	35.0	35.2	35.2
517	Petroleum and petroleum products	51.4	52.1	53.1	53.0	52.9
518	Beer, wine, and distilled beverages	21.2	21.4	22.2	22.1	21.9
519	Miscellaneous nondurable goods	115.3	115.3	113.8	117.7	119.1

B-3. Women employees on nonagricultural payrolls by industry – Continued

(In thousands)

1972 SIC Code	Industry	Sept. 1980	Oct. 1980	Aug. 1981	Sept. 1981	Oct. 1981
52-59	RETAIL TRADE	7,585	7,597	7,763	7,870	7,897
52	BUILDING MATERIALS AND GARDEN SUPPLIES	160.2	160.6	161.9	162.6	163.8
521	Lumber and other building materials	65.2	65.2	66.2	66.2	66.3
525	Hardware stores	54.7	54.7	55.9	56.1	56.2
53	GENERAL MERCHANDISE STORES	1,482.0	1,517.4	1,548.4	1,557.2	1,557.4
531	Department stores	1,205.6	1,241.2	1,271.7	1,279.7	1,278.3
533	Variety stores	196.6	196.3	193.0	193.6	193.6
539	Misc. general merchandise stores	79.8	79.9	83.7	83.9	85.5
54	FOOD STORES	1,030.5	1,034.5	1,058.4	1,066.8	1,074.2
541	Grocery stores	866.4	869.5	887.8	895.6	898.8
542	Meat markets and freezer provisioners	17.5	17.8	17.5	16.8	16.7
546	Retail bakeries	80.3	79.2	78.7	80.7	81.6
55	AUTOMOTIVE DEALERS AND SERVICE STATIONS	304.5	303.2	315.7	313.9	314.9
551,2	New and used car dealers	111.6	111.9	113.8	114.0	114.0
553	Auto and home supply stores	49.2	48.3	49.4	49.5	50.3
554	Gasoline service stations	128.5	128.2	136.7	135.4	135.9
56	APPAREL AND ACCESSORY STORES	662.7	673.2	669.5	678.6	686.5
561	Men's and boys' clothing and furnishings	57.7	57.9	58.3	58.8	59.7
562	Women's ready-to-wear stores	308.6	317.2	307.0	312.9	318.3
565	Family clothing stores	135.2	137.0	141.9	142.9	142.8
566	Shoe stores	84.0	83.2	84.5	85.3	84.6
57	FURNITURE AND HOME FURNISHING STORES	203.4	205.6	206.5	207.6	212.2
571	Furniture and home furnishings stores	135.4	135.8	138.9	139.3	141.2
572	Household appliance stores	22.7	22.9	22.7	22.6	23.8
573	Radio, television, and music stores	45.3	46.9	44.9	45.7	47.2
58	EATING AND DRINKING PLACES	2,729.5	2,666.1	2,751.8	2,804.6	2,784.0
59	MISCELLANEOUS RETAIL	1,012.3	1,036.5	1,051.2	1,078.9	1,104.1
591	Drug stores and proprietary stores	304.5	306.5	306.8	308.3	312.1
592	Liquor stores	30.7	31.2	35.0	35.6	36.0
594	Miscellaneous shopping goods stores	354.2	363.2	376.1	391.3	397.0
596	Nonstore retailers	158.3	166.0	159.6	170.2	181.8
598	Fuel and ice dealers	22.7	23.5	22.9	23.1	23.9
599	Retail stores, nec	121.4	125.8	130.4	130.4	133.3
	FINANCE, INSURANCE, AND REAL ESTATE	3,054	3,070	3,204	3,185	3,189
60	BANKING	1,113.5	1,118.2	1,166.8	1,158.0	1,160.4
602	Commercial and stock savings banks	1,025.1	1,029.2	1,073.3	1,065.2	1,067.1
61	CREDIT AGENCIES OTHER THAN BANKS	375.7	379.9	397.9	396.3	398.0
612	Savings and loan associations	183.7	187.1	198.2	198.0	200.0
614	Personal credit institutions	120.6	121.3	128.0	127.0	126.6
62	SECURITY, COMMODITY BROKERS, AND SERVICES	93.5	95.2	106.5	107.0	107.8
621	Security brokers and dealers	75.3	76.4	87.3	88.0	88.7
63	INSURANCE CARRIERS	747.2	748.2	759.6	755.7	756.0
631	Life insurance	293.4	293.6	302.2	300.6	301.4
632	Medical service and health insurance	104.6	104.3	104.7	104.1	104.1
633	Fire, marine, and casualty insurance	300.9	301.2	303.4	301.9	301.9
64	INSURANCE AGENTS, BROKERS, AND SERVICE	283.2	284.9	296.8	295.8	298.3
65	REAL ESTATE	365.3	368.0	394.9	391.1	387.1
651	Real estate operators and lessors	140.8	142.9	154.2	153.5	152.4
653	Real estate agents and managers	178.0	174.7	185.1	183.8	181.3
655	Subdividers and developers	35.7	35.7	40.1	38.8	38.8
66	COMBINED REAL ESTATE, INSURANCE, ETC	13.4	13.3	12.7	12.6	12.5
67	HOLDING AND OTHER INVESTMENT OFFICES	62.3	62.5	68.4	68.8	69.0
	SERVICES	10,594	10,647	11,005	11,068	11,134
70	HOTELS AND OTHER LODGING PLACES	631.8	592.9	678.7	638.3	599.6
701	Hotels, motels, and tourist courts	610.4	575.7	637.6	615.7	581.7

B-3. Women employees on nonagricultural payrolls by industry — Continued

[In thousands]

1972 SIC Code	Industry	Sept. 1980	Oct. 1980	Aug. 1981	Sept. 1981	Oct. 1981
72	**PERSONAL SERVICES**	604.6	610.5	607.0	614.4	622.5
721	Laundry, cleaning, and garment services	223.6	225.7	222.9	223.9	226.5
723	Beauty shops	253.9	253.5	254.1	258.5	258.2
726	Funeral service and crematories	18.8	19.0	20.2	19.9	20.0
73	**BUSINESS SERVICES**	1,368.8	1,376.7	1,456.3	1,462.6	1,485.0
731	Advertising	71.8	72.3	74.7	74.1	74.7
732	Credit reporting and collection	52.7	53.1	51.2	50.9	50.7
733	Mailing, reproduction, stenographic	61.0	62.5	63.4	66.6	67.0
734	Services to buildings	185.7	187.0	199.9	204.3	204.3
736	Personnel supply services	356.3	353.8	387.9	381.2	384.6
737	Computer and data processing services	142.8	145.8	164.2	166.5	168.8
75	**AUTO REPAIR, SERVICES, AND GARAGES**	95.1	96.1	96.8	95.9	96.9
753	Automotive repair shops	41.4	42.1	44.8	44.0	45.0
76	**MISCELLANEOUS REPAIR SERVICES**	58.1	59.8	58.9	58.5	59.6
78	**MOTION PICTURES**	79.0	75.6	93.9	92.2	85.7
781	Motion picture production and services	18.9	20.5	21.8	22.8	24.0
783	Motion picture theaters	58.2	49.3	66.1	63.3	55.6
79	**AMUSEMENT AND RECREATION SERVICES**	321.9	278.2	365.8	348.5	297.0
80	**HEALTH SERVICES**	4,336.6	4,355.3	4,546.7	4,550.7	4,576.6
801	Offices of physicians	590.8	590.4	617.3	617.1	619.4
802	Offices of dentists	293.9	291.2	304.9	304.6	310.0
805	Nursing and personal care facilities	903.4	917.4	940.0	941.1	942.1
806	Hospitals	2,242.2	2,255.0	2,356.4	2,356.2	2,372.4
81	**LEGAL SERVICES**	358.5	361.0	385.5	382.0	385.0
82	**EDUCATIONAL SERVICES**	582.9	644.8	494.3	574.2	649.0
821	Elementary and secondary schools	191.1	199.2	153.9	175.2	184.5
822	Colleges and universities	326.7	378.8	274.7	331.9	394.1
83	**SOCIAL SERVICES**	850.4	861.5	856.8	879.1	889.6
89	**MISCELLANEOUS SERVICES**	319.5	324.1	349.8	347.0	348.9
891	Engineering and architectural services	115.6	116.4	127.0	124.3	124.6
893	Accounting, auditing, and bookkeeping	146.0	149.5	162.0	162.5	164.3
—	**GOVERNMENT**	7,584	7,896	6,941	7,399	7,717
—	**FEDERAL GOVERNMENT**	867	875	889	866	865
—	**STATE AND LOCAL GOVERNMENT**	6,717	7,021	6,058	6,533	6,852
—	State government	1,589.7	1,663.2	1,517.6	1,586.0	1,661.1
—	Hospitals	334.1	336.3	336.3	336.8	336.2
—	State education	671.7	697.9	524.3	605.8	682.2
—	General administration including executive, legislative, and judicial functions	423.1	419.8	439.2	431.3	433.2
—	Local government	5,127.2	5,358.1	4,540.0	4,946.5	5,190.4
—	Transportation and public utilities	98.0	99.4	105.3	104.8	102.9
—	Hospitals	496.0	455.4	513.0	513.8	516.1
—	Local education	3,260.9	3,548.7	2,618.0	3,149.0	3,420.6
—	General administration including executive, legislative, and judicial functions	1,027.9	982.1	1,064.3	977.7	958.8

ESTABLISHMENT DATA
SEASONALLY ADJUSTED EMPLOYMENT

B-4. Employees on nonagricultural payrolls by industry division and major manufacturing group, seasonally adjusted

[In thousands]

Industry division and group	1980	1981											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. p	Dec. p
TOTAL	90,949	91,091	91,258	91,347	91,458	91,564	91,615	91,880	91,901	92,033	91,832	91,499	91,206
GOODS-PRODUCING	25,631	25,647	25,657	25,705	25,700	25,705	25,818	25,939	25,931	25,930	25,662	25,411	25,151
MINING	1,069	1,083	1,091	1,098	950	957	1,110	1,132	1,151	1,162	1,162	1,175	1,172
CONSTRUCTION	4,387	4,390	4,385	4,416	4,418	4,334	4,284	4,272	4,275	4,272	4,259	4,228	4,194
MANUFACTURING	20,175	20,174	20,177	20,191	20,332	20,414	20,424	20,535	20,505	20,496	20,241	20,008	19,785
DURABLE GOODS	12,077	12,084	12,074	12,099	12,207	12,254	12,278	12,333	12,332	12,311	12,115	11,928	11,754
Lumber and wood products	687	689	691	692	702	710	699	702	686	677	652	635	625
Furniture and fixtures	464	464	466	467	478	484	486	488	487	485	480	471	466
Stone, clay, and glass products	655	654	654	651	656	658	658	658	660	655	644	634	627
Primary metal industries	1,137	1,137	1,140	1,141	1,145	1,142	1,144	1,140	1,148	1,139	1,118	1,089	1,063
Fabricated metal products	1,581	1,579	1,577	1,581	1,595	1,604	1,604	1,614	1,610	1,606	1,575	1,546	1,520
Machinery, except electrical	2,490	2,487	2,481	2,480	2,491	2,511	2,521	2,533	2,542	2,551	2,549	2,523	2,490
Electric and electronic equipment	2,103	2,110	2,110	2,117	2,134	2,143	2,148	2,163	2,166	2,163	2,150	2,118	2,089
Transportation equipment	1,839	1,840	1,833	1,849	1,878	1,872	1,886	1,886	1,889	1,889	1,811	1,778	1,746
Instruments and related products	712	713	711	712	714	716	717	723	727	727	723	719	712
Miscellaneous manufacturing ind	409	411	411	409	414	414	415	426	417	419	417	415	416
NONDURABLE GOODS	8,098	8,090	8,103	8,092	8,125	8,160	8,146	8,202	8,173	8,185	8,126	8,080	8,031
Food and kindred products	1,701	1,696	1,705	1,691	1,697	1,703	1,673	1,691	1,668	1,669	1,675	1,671	1,666
Tobacco manufactures	71	71	72	72	72	71	71	71	73	71	70	71	69
Textile mill products	842	841	839	838	842	843	846	856	849	849	833	823	816
Apparel and other textile products	1,250	1,244	1,243	1,243	1,250	1,258	1,264	1,278	1,272	1,273	1,259	1,251	1,231
Paper and allied products	692	691	691	689	691	694	695	696	698	703	691	686	683
Printing and publishing	1,269	1,269	1,272	1,276	1,280	1,283	1,284	1,290	1,295	1,301	1,302	1,303	1,303
Chemicals and allied products	1,105	1,106	1,109	1,108	1,107	1,109	1,111	1,110	1,106	1,112	1,108	1,103	1,102
Petroleum and coal products	209	211	210	210	211	213	212	212	212	211	210	210	209
Rubber and misc. plastic products	729	730	731	734	744	753	757	760	764	760	744	732	722
Leather and leather products	230	231	231	231	231	233	233	238	236	236	234	230	230
SERVICE-PRODUCING	65,318	65,444	65,601	65,642	65,758	65,859	65,797	65,941	65,970	66,103	66,170	66,088	66,055
TRANSPORTATION AND PUBLIC UTILITIES	5,118	5,128	5,135	5,139	5,161	5,148	5,149	5,167	5,170	5,186	5,168	5,146	5,136
WHOLESALE AND RETAIL TRADE	20,470	20,529	20,600	20,635	20,636	20,714	20,717	20,796	20,862	20,872	20,916	20,821	20,726
WHOLESALE TRADE	5,300	5,305	5,313	5,316	5,333	5,346	5,349	5,360	5,375	5,370	5,360	5,357	5,342
RETAIL TRADE	15,170	15,224	15,287	15,319	15,303	15,368	15,368	15,436	15,487	15,502	15,556	15,464	15,384
FINANCE, INSURANCE, AND REAL ESTATE	5,254	5,268	5,283	5,293	5,316	5,326	5,331	5,344	5,354	5,366	5,360	5,356	5,361
SERVICES	18,240	18,300	18,343	18,371	18,475	18,540	18,560	18,642	18,667	18,774	18,788	18,832	18,865
GOVERNMENT	16,236	16,223	16,240	16,204	16,170	16,131	16,040	15,992	15,917	15,905	15,938	15,933	15,967
FEDERAL	2,800	2,799	2,795	2,781	2,767	2,779	2,781	2,777	2,770	2,765	2,759	2,755	2,764
STATE AND LOCAL	13,436	13,424	13,445	13,423	13,403	13,352	13,259	13,215	13,147	13,140	13,179	13,178	13,203

p=preliminary

B-5. Women employees on nonagricultural payrolls by industry division and major manufacturing group, seasonally adjusted

[In thousands]

Industry division and group	1980			1981									
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
TOTAL	38,473	38,570	38,657	38,780	38,877	38,931	38,987	39,088	39,264	39,369	39,482	39,467	39,459
GOODS-PRODUCING	6,754	6,778	6,795	6,806	6,814	6,823	6,878	6,915	6,936	7,016	6,999	6,986	6,939
MINING	108	111	113	115	117	119	114	116	124	127	129	132	134
CONSTRUCTION	384	388	390	391	392	394	397	397	398	402	401	401	400
MANUFACTURING	6,262	6,279	6,292	6,300	6,305	6,310	6,367	6,402	6,414	6,487	6,469	6,453	6,405
DURABLE GOODS	2,973	2,990	3,000	3,008	3,013	3,020	3,054	3,073	3,087	3,116	3,118	3,104	3,073
Lumber and wood products	102	102	103	104	104	104	106	108	107	108	105	103	100
Furniture and fixtures	137	138	139	139	141	141	145	146	148	149	148	146	146
Stone, clay, and glass products	125	126	125	126	127	126	127	128	129	131	131	130	129
Primary metal industries	122	124	124	124	124	124	127	128	127	125	128	126	122
Fabricated metal products	330	330	331	330	331	333	337	341	342	345	345	343	334
Machinery, except electrical	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Electric and electronic equipment	882	888	892	897	898	902	912	915	916	926	925	925	918
Transportation equipment	292	296	291	292	294	295	302	303	308	311	314	309	304
Instruments and related products	302	302	304	303	302	302	303	305	304	308	310	309	307
Miscellaneous manufacturing ind.	180	188	191	192	191	191	192	194	193	200	195	194	193
NONDURABLE GOODS	3,289	3,289	3,292	3,292	3,292	3,290	3,313	3,329	3,327	3,371	3,351	3,349	3,332
Food and kindred products	508	506	505	505	505	500	506	507	495	504	496	490	500
Tobacco manufactures	25	26	25	26	26	26	26	26	26	26	27	26	26
Textile mill products	398	398	398	397	396	395	398	399	400	405	402	403	396
Apparel and other textile products	1,012	1,008	1,006	1,004	1,001	1,001	1,006	1,012	1,019	1,033	1,025	1,028	1,016
Paper and allied products	158	159	159	159	160	160	161	162	160	163	164	165	161
Printing and publishing	500	502	504	504	505	507	510	511	512	515	517	519	522
Chemicals and allied products	277	278	280	281	282	283	282	282	283	283	282	283	283
Petroleum and coal products	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Rubber and misc. plastics products	246	247	249	250	250	252	257	261	263	268	267	264	257
Leather and leather products	137	137	137	137	138	137	137	139	139	144	141	141	140
SERVICE-PRODUCING	31,719	31,792	31,862	31,974	32,063	32,108	32,109	32,173	32,328	32,453	32,483	32,481	32,520
TRANSPORTATION AND PUBLIC UTILITIES	1,312	1,307	1,311	1,310	1,314	1,318	1,327	1,329	1,335	1,340	1,345	1,356	1,355
WHOLESALE AND RETAIL TRADE	8,935	8,941	8,946	8,998	9,031	9,051	8,990	9,024	9,166	9,207	9,237	9,251	9,261
WHOLESALE TRADE	1,374	1,370	1,378	1,375	1,378	1,377	1,388	1,389	1,388	1,393	1,403	1,405	1,403
RETAIL TRADE	7,561	7,571	7,568	7,623	7,653	7,674	7,602	7,635	7,778	7,814	7,834	7,846	7,858
FINANCE, INSURANCE, AND REAL ESTATE	3,078	3,089	3,103	3,120	3,130	3,138	3,153	3,169	3,172	3,184	3,185	3,198	3,199
SERVICES	10,613	10,671	10,720	10,765	10,803	10,830	10,882	10,906	10,924	10,979	10,994	11,057	11,101
GOVERNMENT	7,781	7,784	7,782	7,781	7,785	7,771	7,757	7,745	7,731	7,743	7,722	7,619	7,604
FEDERAL	883	886	887	887	885	878	877	877	876	878	877	877	873
STATE AND LOCAL	6,898	6,898	6,895	6,894	6,900	6,893	6,880	6,868	6,855	6,865	6,845	6,742	6,731

[1] This series is not published seasonally adjusted since the seasonal component is small relative to the trend-cycle and/or irregular components and consequently cannot be separated with sufficient precision.

ESTABLISHMENT DATA
SEASONALLY ADJUSTED EMPLOYMENT

B-6. Production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division and major manufacturing group, seasonally adjusted

[In thousands]

Industry division and group	1980	1981										
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov
TOTAL PRIVATE	60,667	60,807	60,870	60,961	61,114	61,179	61,292	61,585	61,622	61,770	61,527	61,1
GOODS-PRODUCING	18,278	18,305	18,298	18,346	18,338	18,317	18,387	18,476	18,459	18,454	18,185	17,9
MINING	791	800	806	813	689	694	819	834	850	857	858	86
CONSTRUCTION	3,428	3,452	3,439	3,459	3,462	3,376	3,323	3,315	3,315	3,316	3,301	3,27
MANUFACTURING	14,059	14,053	14,053	14,074	14,187	14,247	14,245	14,327	14,294	14,281	14,030	13,78
DURABLE GOODS	8,301	8,306	8,297	8,325	8,412	8,442	8,455	8,491	8,485	8,465	8,267	8,07
Lumber and wood products	573	575	576	577	586	593	585	585	571	563	548	52
Furniture and fixtures	374	374	376	376	386	392	393	396	395	391	385	37
Stone, clay, and glass products	505	504	503	501	506	507	506	508	510	505	495	48
Primary metal industries	874	876	879	879	884	880	882	879	883	877	851	82
Fabricated metal products	1,168	1,166	1,164	1,169	1,178	1,184	1,187	1,197	1,193	1,187	1,157	1,13
Machinery, except electrical	1,577	1,577	1,573	1,575	1,580	1,594	1,602	1,605	1,618	1,620	1,615	1,58
Electric and electronic equipment	1,322	1,324	1,326	1,334	1,345	1,353	1,354	1,365	1,364	1,362	1,347	1,30
Transportation equipment	1,182	1,183	1,176	1,190	1,218	1,210	1,218	1,213	1,217	1,221	1,187	1,11
Instruments and related products	423	422	419	420	422	423	422	427	426	426	423	41
Miscellaneous manufacturing ind	303	305	305	304	307	306	306	316	308	309	307	30
NONDURABLE GOODS	5,758	5,747	5,756	5,749	5,775	5,805	5,790	5,836	5,809	5,816	5,763	5,70
Food and kindred products	1,166	1,162	1,168	1,158	1,164	1,170	1,144	1,160	1,140	1,140	1,149	1,14
Tobacco manufactures	55	55	55	56	56	55	56	55	57	56	55	5
Textile mill products	731	729	727	727	729	731	733	742	736	737	722	71
Apparel and other textile products	1,068	1,062	1,061	1,061	1,065	1,071	1,077	1,092	1,082	1,084	1,071	1,06
Paper and allied products	521	521	520	519	521	523	524	525	526	531	520	51
Printing and publishing	707	705	707	708	709	710	709	711	714	718	718	71
Chemicals and allied products	622	623	625	626	627	629	632	630	630	631	626	62
Petroleum and coal products	133	134	134	134	134	135	133	133	132	131	130	12
Rubber and misc. plastics products	561	562	564	566	575	584	585	586	592	588	573	56
Leather and leather products	194	194	195	194	195	197	197	202	200	200	199	19
SERVICE-PRODUCING	42,389	42,502	42,572	42,615	42,776	42,862	42,905	43,109	43,163	43,316	43,342	43,249
TRANSPORTATION AND PUBLIC UTILITIES	4,265	4,269	4,270	4,268	4,291	4,272	4,269	4,284	4,284	4,305	4,277	4,260
WHOLESALE AND RETAIL TRADE	17,932	17,982	18,013	18,031	18,027	18,084	18,093	18,200	18,230	18,271	18,311	18,201
WHOLESALE TRADE	4,324	4,324	4,329	4,330	4,342	4,352	4,350	4,367	4,370	4,367	4,359	4,353
RETAIL TRADE	13,608	13,658	13,684	13,701	13,685	13,732	13,743	13,833	13,860	13,904	13,952	13,848
FINANCE, INSURANCE, AND REAL ESTATE	3,972	3,986	3,992	3,996	4,017	4,024	4,030	4,037	4,047	4,055	4,049	4,038
SERVICES	16,220	16,270	16,297	16,320	16,441	16,482	16,513	16,588	16,602	16,685	16,705	16,750

[1] For coverage of series, see footnote 1, table B-2.

p=preliminary.

B-7. Indexes of diffusion: Percent of industries in which employment[1] increased

Year and month	Over 1-month span	Over 3-month span	Over 6-month span	Over 12-month span
1978				
January	66.3	77.0	80.8	79.9
February	66.3	76.5	82.8	82.8
March	72.1	80.2	83.7	82.3
April	73.3	78.2	77.9	85.2
May	65.4	78.2	80.2	83.7
June	70.6	73.0	78.2	83.4
July	62.5	71.2	74.1	81.7
August	66.9	69.5	77.3	80.8
September	67.2	72.1	77.0	79.4
October	66.3	76.2	79.4	75.0
November	72.4	76.7	73.3	77.6
December	70.9	77.6	74.7	75.0
1979				
January	65.1	72.1	72.1	74.7
February	66.0	68.6	71.8	70.6
March	64.2	65.7	70.1	69.5
April	54.1	65.7	64.8	67.2
May	60.5	62.8	59.6	59.6
June	62.5	63.7	54.4	58.1
July	57.0	55.5	56.7	55.8
August	53.2	50.0	51.5	55.2
September	49.1	53.5	52.0	50.0
October	61.6	52.0	50.6	46.2
November	49.4	53.5	51.2	38.1
December	49.7	49.4	47.7	35.8
1980				
January	52.6	50.6	40.4	32.0
February	53.2	46.8	33.4	32.6
March	49.4	38.7	30.8	31.7
April	34.6	30.8	24.7	32.3
May	32.8	27.0	26.2	31.4
June	31.4	25.9	28.2	31.4
July	36.9	35.5	35.2	31.4
August	64.8	54.9	45.1	32.6
September	64.0	71.2	61.0	34.9
October	61.3	69.8	73.5	43.6
November	63.4	64.8	72.7	55.8
December	56.7	64.0	65.4	70.3
1981				
January	59.6	61.0	68.6	78.8
February	55.8	61.3	68.6	75.6
March	52.3	64.2	67.2	73.3
April	69.8	68.9	70.3	64.2
May	62.5	66.9	67.7	54.7p
June	51.5	68.6	71.8	46.5p
July	67.2	60.2	52.9	
August	49.7	66.6	37.5p	
September	59.3	39.2p	35.8p	
October	30.2	32.3p		
November	27.3p	25.9p		
December	33.4p			

[1] Number of employees, seasonally adjusted, on payrolls of 172 private nonagricultural industries.
p = preliminary.

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division

(In thousands)

State and area	Total			Mining			Construction			Manufacturing		
	NOV. 1980	OCT. 1981	NOV. 1981P	NOV. 1980	OCT. 1981	NOV. 1981P	NOV. 1980	OCT. 1981	NOV. 1981P	NOV. 1980	OCT. 1981	NOV. 1981
1 **ALABAMA**	1,362.7	1,351.2	1,349.5	17.0	17.3	17.5	71.4	69.5	69.0	359.1	353.3	350.
2 Birmingham	351.3	349.9	350.0	9.7	9.5	9.6	19.6	19.3	19.1	61.0	59.6	59.
3 Huntsville	120.7	121.8	122.1	(1)	(1)	(1)	4.0	4.1	4.0	36.3	36.8	36.
4 Mobile	153.3	150.2	150.1	(1)	(1)	(1)	11.9	8.6	8.0	29.5	30.5	30.
5 Montgomery	107.3	106.0	105.6	(1)	(1)	(1)	6.5	6.3	6.2	16.0	15.7	15.
6 Tuscaloosa	50.7	49.9	49.8	2.3	2.5	2.5	2.2	2.2	2.1	8.2	7.9	7.
7 **ALASKA**	168.5	182.8	180.1	6.8	7.5	7.6	10.4	15.5	13.6	11.2	10.5	9.
8 **ARIZONA**	1,029.4	1,023.6	1,028.4	23.4	24.7	24.6	74.5	66.1	64.3	155.8	158.2	157.
9 Phoenix	641.5	644.1	649.2	.4	.4	.4	50.0	46.1	45.2	114.2	115.5	115.
10 Tucson	188.0	189.3	189.7	6.6	7.5	7.5	14.3	11.8	11.3	21.8	23.8	23.
11 **ARKANSAS**	748.9	756.4	747.2	5.2	5.5	5.3	36.1	34.9	32.7	208.8	214.2	209.
12 Fayetteville—Springdale	65.5	67.3	66.9	(1)	(1)	(1)	2.7	2.7	2.6	19.0	20.2	20.
13 Fort Smith	66.8	67.1	66.2	1.0	1.2	1.2	2.6	2.3	2.3	21.0	21.1	20.
14 Little Rock–North Little Rock	180.4	180.8	179.3	(1)	(1)	(1)	8.8	9.3	8.9	30.3	29.2	28.
15 Pine Bluff	33.1	32.4	32.4	(1)	(1)	(1)	3.0	2.1	2.0	6.2	6.3	6.
16 **CALIFORNIA**	9,917.0	9,993.1	10,016.1	44.3	46.2	46.3	424.2	396.0	379.0	1,997.7	1,976.9	1,965.
17 Anaheim–Santa Ana–Garden Grove	854.6	864.8	869.5	2.3	2.6	2.6	50.2	50.2	49.3	222.7	222.9	222.
18 Bakersfield	132.8	135.4	135.7	11.3	12.0	12.1	7.7	7.7	7.6	9.4	10.0	9.
19 Fresno	185.0	185.6	185.1	.9	1.1	1.1	10.8	10.6	10.4	23.6	23.3	22.
20 Los Angeles—Long Beach	3,659.1	3,673.1	3,687.0	13.4	14.2	14.2	116.5	111.4	110.0	923.2	905.3	907.
21 Modesto	88.5	90.3	88.5	.1	.1	.1	5.2	4.5	4.4	18.3	20.6	18.
22 Oxnard—Simi Valley—Ventura	156.7	158.8	158.5	2.7	2.9	2.9	8.7	8.5	8.3	24.7	25.7	25.
23 Riverside–San Bernardino–Ontario	440.6	440.1	444.6	2.2	2.3	2.3	26.0	25.7	25.6	63.5	63.6	63.
24 Sacramento	405.7	438.0	437.8	.5	.5	.5	18.8	18.0	17.0	27.0	27.6	26.
25 Salinas—Seaside—Monterey	88.1	90.6	90.4	.4	.4	.4	3.3	3.2	3.2	8.8	9.0	8.
26 San Diego	660.0	653.4	661.2	.6	.6	.6	38.0	36.2	36.2	109.5	100.5	106.
27 San Francisco—Oakland	1,577.0	1,591.5	1,594.5	3.3	3.8	3.9	74.2	72.9	71.9	203.7	203.7	203.
28 San Jose	689.9	693.4	695.1	.2	.2	.2	25.6	23.7	23.1	244.1	242.3	241.
29 Santa Barbara–Santa Maria–Lompoc	124.0	123.8	124.7	1.5	1.6	1.6	5.1	4.9	4.9	16.6	16.1	16.
30 Santa Rosa	94.1	94.3	94.7	.4	.4	.4	5.9	5.5	5.2	15.2	15.6	15.
31 Stockton	118.6	120.7	118.2	.1	.1	.1	5.7	4.9	4.9	19.4	20.9	19.
32 Vallejo—Fairfield—Napa	101.7	104.5	104.4	.5	.6	.6	5.2	4.9	4.8	10.8	11.7	10.
33 **COLORADO**	1,265.2	1,283.3	1,284.3	35.4	37.7	37.8	78.3	78.0	78.0	182.3	186.7	185.
34 Denver—Boulder	807.9	820.4	822.5	19.2	21.4	21.5	47.6	47.3	47.7	126.3	129.2	128.
35 **CONNECTICUT**	1,436.8	1,421.9	1,432.3	(2)	(2)	(2)	50.2	52.4	52.1	437.8	432.2	430.
36 Bridgeport	174.3	174.0	174.8	(2)	(2)	(2)	4.4	4.4	4.4	64.8	66.9	66.
37 Hartford	405.0	401.7	403.3	(2)	(2)	(2)	14.4	13.3	13.1	99.5	94.8	94.
38 New Britain	65.2	66.5	66.6	(2)	(2)	(2)	2.3	2.4	2.3	29.1	29.5	29.
39 New Haven—West Haven	195.7	194.0	194.2	(2)	(2)	(2)	7.8	7.8	7.7	41.9	38.8	38.
40 Stamford	109.7	111.4	111.8	(2)	(2)	(2)	5.7	5.8	5.8	31.7	31.0	31.
41 Waterbury	88.5	89.1	89.5	(2)	(2)	(2)	3.0	2.8	2.8	32.9	33.2	33.
42 **DELAWARE**	262.4	259.7	256.9	(1)	(1)	(1)	14.6	15.0	14.9	74.1	71.4	67.
43 Wilmington	233.6	231.2	229.2	(1)	(1)	(1)	15.2	15.7	15.7	67.6	65.3	61.
44 **DISTRICT OF COLUMBIA**	612.5	605.2	606.0	(1)	(1)	(1)	13.5	13.5	13.3	15.5	14.5	14.
45 Washington SMSA	1,576.9	1,587.9	1,590.1	(1)	(1)	(1)	75.6	71.6	70.1	56.1	56.0	55.
46 **FLORIDA**	3,649.1	3,790.9	3,809.8	10.5	10.5	10.6	276.9	282.6	278.1	465.1	475.1	472.
47 Bradenton	44.0	43.7	44.8	–	–	–	2.7	3.6	3.6	7.3	7.1	7.
48 Daytona Beach	76.2	77.1	77.4	(1)	(1)	(1)	4.9	4.7	4.7	8.4	8.2	8.
49 Fort Lauderdale—Hollywood	353.2	345.4	345.6	(1)	(1)	(1)	33.2	30.9	30.4	41.8	39.8	39.
50 Fort Myers—Cape Coral	64.7	65.7	66.2	(1)	(1)	(1)	7.8	7.8	7.7	3.7	3.7	3.
51 Gainesville	65.4	69.8	69.8	(1)	(1)	(1)	4.0	3.7	3.8	4.6	5.0	4.
52 Jacksonville	295.5	300.3	301.1	(1)	(1)	(1)	16.0	16.7	16.8	34.3	35.4	35.
53 Lakeland—Winter Haven	118.7	114.0	114.7	5.8	5.8	5.2	8.9	8.9	8.7	23.5	20.4	21.
54 Melbourne–Titusville–Cocoa	103.3	103.2	103.5	(1)	(1)	(1)	6.3	6.1	6.1	23.4	24.2	24.
55 Miami	734.1	721.1	720.1	(1)	(1)	(1)	38.7	34.5	33.8	102.5	99.9	99.
56 Orlando	288.9	291.8	291.3	(1)	(1)	(1)	19.3	20.1	18.7	36.2	37.6	37.
57 Panama City	32.5	33.0	32.7	(1)	(1)	(1)	2.0	2.0	2.0	3.6	3.5	3.
58 Pensacola	98.3	100.0	99.5	(1)	(1)	(1)	7.2	7.2	7.1	12.5	12.5	12.
59 Sarasota	70.2	71.6	72.1	(1)	(1)	(1)	7.1	7.0	7.0	6.2	6.1	5.
60 Tallahassee	75.3	75.5	75.3	(1)	(1)	(1)	3.8	3.4	3.2	2.9	2.8	2.
61 Tampa—St. Petersburg	548.4	556.8	559.4	(1)	(1)	(1)	39.6	41.6	41.5	75.4	77.1	76.
62 West Palm Beach–Boca Raton	214.0	213.8	215.6	(1)	(1)	(1)	21.1	19.8	19.8	29.3	28.1	28.

See footnotes at end of table.

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
NOV. 1980	OCT. 1981	NOV. 1981P	NOV. 1980	OCT. 1981	NOV. 1981P	NOV. 1980	OCT. 1981	NOV. 1981P	NOV. 1980	OCT. 1981	NOV. 1981P	NOV. 1980	OCT. 1981	NOV. 1981P	
71.2	70.9	71.0	274.4	272.3	274.0	58.6	58.1	58.2	207.2	209.8	209.3	303.8	300.0	299.9	1
29.2	29.1	29.1	83.5	84.0	84.8	22.7	22.8	22.8	67.4	69.0	69.1	58.2	56.6	56.3	2
2.7	2.6	2.6	21.6	22.1	22.1	3.5	3.5	3.5	17.6	18.1	18.1	35.0	34.6	35.0	3
10.8	10.4	10.6	37.4	36.5	36.7	7.2	7.4	7.4	20.3	29.9	29.7	27.2	26.9	27.1	4
4.8	4.7	4.7	23.8	23.8	24.1	6.3	6.2	6.2	20.4	20.6	20.5	29.5	28.7	28.7	5
1.8	1.8	1.8	9.7	9.6	9.9	1.8	1.6	1.6	6.2	6.2	6.2	18.5	18.1	17.8	6
16.6	18.0	17.7	29.5	32.3	32.1	8.2	8.7	8.7	29.4	32.4	31.6	56.4	57.9	59.6	7
50.3	51.5	51.7	244.6	247.5	252.2	57.8	60.6	60.7	206.9	210.1	211.6	211.1	204.9	205.8	8
30.6	31.5	31.7	162.9	164.4	168.0	45.1	47.3	47.5	132.4	136.0	137.6	105.9	102.9	103.8	9
8.6	8.6	8.5	41.5	41.8	42.5	8.2	8.6	8.6	40.7	42.2	42.5	46.3	45.0	44.9	10
43.6	44.4	43.8	161.7	164.9	164.9	31.2	32.1	32.0	116.3	119.7	119.2	146.0	140.7	140.2	11
4.0	3.8	3.9	16.1	16.3	16.3	2.3	2.3	2.3	9.5	10.2	10.0	11.9	11.8	11.8	12
3.6	3.6	3.6	12.9	14.6	14.6	2.5	2.6	2.6	12.7	12.2	12.2	9.5	9.5	9.5	13
13.7	13.9	13.7	42.7	42.2	42.4	12.5	12.6	12.6	33.6	35.0	34.9	38.8	38.6	38.3	14
4.0	4.0	4.0	6.6	6.5	6.5	1.4	1.4	1.4	4.9	5.1	5.2	7.0	7.0	7.0	15
544.1	551.0	548.4	2,297.5	2,342.8	2,366.2	626.3	639.2	640.8	2,198.9	2,287.5	2,294.5	1,784.0	1,763.5	1,775.4	16
28.5	29.6	29.4	206.0	210.5	213.2	59.0	60.5	60.8	175.8	182.8	183.8	111.1	105.7	107.7	17
8.0	8.0	8.1	34.3	34.2	34.4	4.8	5.1	5.1	23.9	24.8	24.7	33.4	33.6	33.8	18
11.1	10.5	10.6	49.5	51.1	51.2	11.0	11.2	11.2	37.2	37.8	37.9	40.9	40.0	40.2	19
197.6	200.0	198.8	830.1	840.4	852.9	234.4	238.5	238.4	842.4	869.4	872.1	500.5	489.9	491.9	20
3.9	4.0	3.9	22.9	23.1	23.3	3.4	3.5	3.5	17.1	17.7	17.7	17.6	16.8	17.0	21
6.6	6.4	6.4	36.5	36.8	37.3	7.5	7.8	7.8	31.7	32.8	32.8	38.3	37.9	37.5	22
26.0	26.2	26.3	109.4	109.6	111.1	18.5	18.7	18.8	92.3	93.0	94.2	102.7	101.0	103.0	23
21.9	22.5	22.3	97.3	98.1	99.5	22.7	23.4	23.3	74.4	75.2	75.3	143.1	142.7	143.3	24
4.9	4.8	4.8	23.1	24.1	24.2	4.4	4.4	4.4	19.5	20.4	20.3	23.7	24.3	24.3	25
26.5	28.3	28.7	149.9	148.9	150.3	38.9	39.5	39.5	151.9	156.3	155.8	144.7	143.1	144.1	26
129.9	131.8	131.2	368.5	371.6	376.9	147.6	150.1	150.4	355.0	366.7	366.1	296.8	290.9	290.8	27
22.1	22.9	22.9	131.6	133.2	134.8	27.7	28.4	28.3	155.2	162.4	161.5	83.4	80.3	83.0	28
5.1	5.2	5.2	30.8	30.3	30.6	5.6	5.7	5.7	34.4	35.0	35.2	24.9	25.3	25.4	29
4.6	4.5	4.5	23.1	23.6	23.9	5.7	5.7	5.7	18.4	18.7	18.7	20.8	20.3	20.7	30
8.0	7.9	7.7	28.7	29.3	28.6	5.1	5.1	5.2	24.3	25.2	25.1	27.3	27.3	27.5	31
4.8	4.8	4.8	21.8	22.9	23.3	3.3	3.3	3.3	19.6	20.4	20.4	35.7	35.9	36.4	32
80.9	83.7	84.0	309.2	312.6	314.2	77.2	80.3	80.2	255.1	260.5	260.9	246.7	243.8	244.1	33
57.1	58.7	59.0	195.8	196.5	197.9	54.6	57.1	57.1	168.3	172.9	172.7	139.1	137.4	137.8	34
61.5	60.6	60.6	305.6	299.7	302.0	105.9	110.2	110.4	291.5	299.6	299.4	184.3	177.2	177.4	35
6.4	6.2	6.1	38.6	37.3	38.0	7.4	7.3	7.4	35.1	34.9	35.0	17.6	17.0	17.2	36
14.1	14.5	14.5	83.9	84.0	85.3	62.2	63.0	63.1	75.9	78.2	78.1	55.0	53.9	54.5	37
3.3	3.3	3.4	11.2	11.3	11.4	1.8	1.8	1.9	10.7	11.2	11.2	6.8	7.0	7.1	38
16.3	16.1	16.2	42.2	43.0	43.4	10.9	11.1	11.1	50.2	51.6	51.5	26.4	25.6	25.5	39
4.1	4.4	4.3	23.8	24.3	24.7	7.6	7.9	8.0	26.5	27.5	27.4	10.3	10.5	10.5	40
3.2	3.2	3.2	15.8	15.9	16.3	3.5	3.5	3.5	15.2	19.6	19.5	11.2	10.9	11.0	41
12.3	12.2	12.2	56.6	55.2	56.0	11.8	11.9	12.0	47.7	48.6	48.3	45.2	45.3	46.0	42
11.8	11.8	11.8	48.5	47.1	48.1	11.1	11.2	11.3	42.5	43.6	43.4	36.9	36.5	37.2	43
25.4	25.9	25.8	65.4	64.7	65.0	35.9	35.4	35.4	182.4	186.5	187.3	274.4	264.7	264.6	44
68.2	68.1	68.2	306.5	311.5	316.1	91.5	94.1	94.0	428.2	450.8	450.4	550.8	535.8	535.6	45
223.4	224.0	227.2	952.5	983.9	1,002.6	259.1	269.5	270.7	833.8	893.1	894.8	627.8	652.2	653.5	46
1.6	1.5	1.5	11.6	10.9	11.5	2.9	3.4	3.4	8.4	8.8	8.8	8.5	8.4	8.8	47
3.2	3.2	3.2	21.0	21.7	22.0	4.4	4.7	4.8	19.9	20.1	20.0	14.4	14.5	14.5	48
17.1	17.0	17.0	101.0	98.3	98.2	29.0	28.2	28.1	84.2	83.9	84.3	47.0	47.3	47.7	49
3.8	4.3	4.4	18.5	17.7	17.8	6.0	6.2	6.3	13.8	14.1	14.1	11.1	11.9	12.1	50
1.7	1.7	1.7	13.9	15.3	15.1	2.6	2.9	2.9	11.0	11.8	12.0	27.6	29.4	29.4	51
24.1	24.5	24.4	75.6	77.3	78.0	27.4	27.1	27.1	63.6	65.6	65.6	54.5	53.7	53.8	52
4.9	4.8	4.9	25.1	27.6	28.1	6.6	6.6	6.6	22.8	22.8	22.9	17.1	17.1	17.2	53
4.6	4.5	4.4	21.6	21.1	21.8	4.0	3.9	3.8	24.5	25.1	25.1	18.9	18.3	18.3	54
73.1	71.4	71.4	190.3	186.9	186.6	53.5	54.2	54.1	178.4	180.1	180.2	97.6	94.1	94.2	55
14.9	14.5	14.5	76.5	75.9	76.5	20.0	20.3	20.2	79.6	79.9	79.4	42.4	43.5	44.1	56
2.1	2.0	2.0	8.3	8.6	8.3	1.8	1.8	1.8	6.0	6.6	6.6	8.7	8.5	8.5	57
5.0	5.0	5.0	21.8	22.6	23.1	4.3	4.3	4.3	21.3	22.4	22.0	26.2	26.0	25.8	58
3.0	3.0	3.0	19.8	19.9	20.3	6.0	6.3	6.4	17.9	19.9	19.1	10.2	10.4	10.4	59
2.4	2.5	2.5	14.6	14.3	14.3	3.4	3.6	3.6	12.7	13.3	13.3	35.5	35.6	35.5	60
30.4	31.4	31.5	148.4	148.4	149.8	39.2	40.4	40.5	131.3	133.9	134.9	94.1	94.0	94.3	61
8.5	8.6	8.7	53.7	51.7	54.0	18.0	17.0	17.2	52.0	53.3	55.0	31.4	32.3	32.2	62

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

	State and area	Total			Mining			Construction			Manufacturing		
		NOV. 1980	OCT. 1981	NOV. 1981P	NOV. 1980	OCT. 1981	NOV. 1981P	NOV. 1980	OCT. 1981	NOV. 1981P	NOV. 1980	OCT. 1981	NOV. 1981P
1	**GEORGIA**	2,170.6	2,168.2	2,167.3	7.6	7.7	7.7	104.7	98.4	97.5	517.8	517.7	513.7
2	Albany	44.3	45.1	45.3	(1)	(1)	(1)	3.1	3.1	3.1	10.5	10.9	10.8
3	Atlanta	572.9	575.3	577.6	(1)	(1)	(1)	44.1	41.3	40.9	145.2	145.4	145.0
4	Augusta	124.1	124.3	124.6	(1)	(1)	(1)	5.4	4.7	4.6	35.9	36.1	36.1
5	Columbus	79.9	78.6	78.9	(1)	(1)	(1)	3.8	4.1	4.0	21.4	20.9	20.8
6	Macon	97.6	96.8	97.2	(1)	(1)	(1)	5.2	4.7	4.9	15.5	16.0	15.8
7	Savannah	88.3	89.5	89.3	(1)	(1)	(1)	6.4	6.4	6.3	16.9	17.2	17.0
8	**HAWAII**	405.2	398.9	402.2	(1)	(1)	(1)	24.3	21.8	21.6	22.6	21.7	22.2
9	Honolulu	333.7	328.1	331.2	(1)	(1)	(1)	19.8	18.1	17.8	15.8	15.8	16.0
10	**IDAHO** [3]	335.0	323.8	(4)	4.6	5.0	(4)	18.2	17.3	(4)	55.1	53.9	(4)
11	Boise City [3]	76.6	76.0	75.7	(1)	(1)	(1)	6.2	5.5	5.3	8.6	8.6	8.3
12	**ILLINOIS**	4,887.6	4,865.2	4,851.9	33.1	32.2	32.4	200.6	201.8	196.8	1,198.9	1,171.4	1,156.0
13	Bloomington—Normal	51.0	52.5	52.4	(2)	(2)	(2)	1.9	1.8	1.7	6.6	7.2	7.2
14	Champaign—Urbana—Rantoul	78.7	79.4	78.0	(2)	(2)	(2)	1.6	1.8	1.7	7.6	7.9	7.8
15	Chicago—Gary	3,514.1	3,472.0	(4)	5.0	5.5	(4)	144.0	131.2	(4)	908.2	888.2	(4)
16	Chicago SMSA [4]	3,263.7	3,223.4	3,216.5	4.9	5.4	5.4	128.9	115.9	113.9	815.7	799.7	791.9
17	Davenport—Rock Island—Moline	164.6	161.5	160.6	(2)	(2)	(2)	7.4	8.0	7.9	49.8	48.9	45.4
18	Decatur	55.2	54.5	55.2	(2)	(2)	(2)	2.3	2.4	2.4	19.2	19.2	19.1
19	Kankakee	34.3	32.5	33.0	(2)	(2)	(2)	1.8	1.8	1.8	9.4	8.1	8.1
20	Peoria	149.7	149.6	146.9	(2)	(2)	(2)	7.7	7.2	7.0	48.1	48.5	45.9
21	Rockford	112.4	117.7	112.7	(2)	(2)	(2)	3.7	3.9	3.8	45.6	49.9	45.1
22	Springfield	87.5	87.5	87.9	(2)	(2)	(2)	4.3	4.2	4.2	6.3	6.3	6.3
23	**INDIANA**	2,149.3	2,124.0	2,107.5	10.1	9.9	9.7	93.9	94.1	88.4	661.1	652.9	641.3
24	Anderson	46.9	45.9	45.2	(1)	(1)	(1)	1.1	1.1	1.1	20.3	19.9	19.3
25	Elkhart	68.0	67.9	66.7	–	–	–	2.2	2.2	2.1	34.4	34.5	33.5
26	Evansville	128.7	126.5	126.1	3.0	2.9	2.9	7.1	7.4	7.3	36.9	34.8	34.7
27	Fort Wayne	174.5	172.1	170.0	(1)	(1)	(1)	8.4	8.1	7.8	54.2	52.8	51.5
28	Gary-Hammond-East Chicago [5]	250.4	247.1	244.9	(1)	(1)	(1)	15.1	15.3	14.4	92.5	87.5	86.6
29	Indianapolis	539.1	533.6	532.6	(1)	(1)	(1)	24.1	23.8	23.2	123.8	122.4	121.0
30	Lafayette—West Lafayette	59.4	59.1	58.1	(1)	(1)	(1)	2.7	3.0	3.0	11.3	11.2	11.2
31	Muncie	50.5	49.2	48.6	(1)	(1)	(1)	1.5	1.4	1.3	13.3	12.1	11.5
32	South Bend	107.8	106.9	106.6	(1)	(1)	(1)	4.7	4.4	4.2	30.0	30.7	30.5
33	Terre Haute	65.3	61.8	61.0	1.4	1.5	1.5	4.0	3.3	3.1	15.7	14.8	14.4
34	**IOWA**	1,100.8	1,082.2	1,077.2	2.3	2.1	2.0	47.4	43.7	41.1	237.9	234.1	231.5
35	Cedar Rapids	84.0	81.7	81.4	(1)	(1)	(1)	3.7	3.7	3.4	27.0	26.0	25.8
36	Des Moines	178.7	177.6	177.3	(1)	(1)	(1)	6.9	6.1	5.7	24.2	23.9	23.4
37	Dubuque	43.0	41.9	42.0	(1)	(1)	(1)	1.5	1.3	1.3	14.7	13.7	13.8
38	Sioux City	49.0	48.5	48.4	(1)	(1)	(1)	2.6	2.1	2.0	9.0	9.3	9.3
39	Waterloo—Cedar Falls	66.2	64.4	64.3	(1)	(1)	(1)	2.6	1.9	1.9	22.3	21.8	21.5
40	**KANSAS**	956.3	958.4	960.3	15.6	17.2	17.3	46.1	41.8	41.7	184.8	184.1	182.7
41	Lawrence	29.1	29.1	28.9	(2)	(2)	(2)	.9	.9	.9	4.7	4.7	4.5
42	Topeka	85.2	84.7	85.5	.2	.2	.2	3.7	3.1	3.1	9.4	9.3	9.5
43	Wichita	206.1	206.9	207.9	3.1	3.8	3.8	10.2	10.2	10.4	62.0	62.0	61.8
44	**KENTUCKY**	(4)	1,232.4	1,190.6	(4)	53.4	53.5	(4)	57.5	57.3	(4)	273.2	261.1
45	Lexington—Fayette	144.9	143.8	144.2	(1)	(1)	(1)	7.0	5.2	5.1	29.1	29.2	29.2
46	Louisville	392.2	386.5	378.5	(1)	(1)	(1)	16.4	16.3	16.4	100.0	97.8	89.0
47	Owensboro	31.2	30.7	31.0	.9	1.0	1.0	2.1	1.7	1.8	7.0	7.0	7.0
48	**LOUISIANA**	1,608.4	1,648.9	1,651.2	89.8	94.6	94.7	150.0	156.8	154.9	217.7	214.1	212.7
49	Alexandria	52.9	53.6	53.8	(1)	(1)	(1)	4.1	4.1	4.0	6.0	6.0	5.9
50	Baton Rouge	209.9	211.1	212.6	1.5	1.3	1.3	25.8	23.1	22.4	26.5	26.4	26.3
51	Lafayette	82.8	90.4	91.2	16.2	18.0	18.3	6.0	6.1	6.1	4.5	5.0	5.1
52	Lake Charles	67.4	68.3	68.5	2.2	2.4	2.4	5.9	9.3	9.2	13.7	13.6	13.4
53	Monroe	50.8	48.6	49.6	.5	.6	.6	3.4	3.2	3.2	7.9	7.5	7.6
54	New Orleans	502.1	501.5	501.8	17.9	19.6	19.8	30.9	31.2	31.3	54.1	54.0	53.5
55	Shreveport	149.1	150.9	150.7	5.8	6.6	6.6	10.2	10.2	9.7	27.1	28.0	27.9
56	**MAINE**	423.2	419.5	413.9	(1)	(1)	(1)	20.7	20.6	19.2	114.6	112.0	110.6
57	Lewiston—Auburn	35.3	34.5	34.3	(1)	(1)	(1)	1.2	1.3	1.1	11.8	11.2	11.0
58	Portland	93.4	93.3	95.9	(1)	(1)	(1)	3.9	3.8	3.7	18.6	18.1	18.0
59	**MARYLAND**	1,706.7	1,694.1	1,696.5	(1)	(1)	(1)	104.3	92.8	90.6	236.6	223.9	230.1
60	Baltimore	958.8	943.9	945.2	(1)	(1)	(1)	53.0	44.8	43.4	159.8	156.8	155.4

See footnotes at end of table.

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
NOV. 1980	OCT. 1981	NOV. 1981P	NOV. 1980	OCT. 1981	NOV. 1981P	NOV. 1980	OCT. 1981	NOV. 1981P	NOV. 1980	OCT. 1981	NOV. 1981P	NOV. 1980	OCT. 1981	NOV. 1981P	
139.2	140.7	140.2	501.0	489.7	492.0	112.8	114.2	114.5	348.8	355.8	359.5	438.9	439.9	442.1	1
2.2	2.1	2.1	9.8	10.2	10.4	1.9	2.0	2.0	6.2	6.6	6.6	10.5	10.4	10.4	2
86.1	87.8	87.5	268.0	263.4	265.0	69.1	69.1	69.3	198.4	207.1	207.9	162.1	161.3	162.2	3
4.4	4.4	4.4	23.6	23.1	23.5	4.4	4.4	4.4	18.4	18.7	18.7	32.0	32.9	32.9	4
3.4	3.3	3.2	16.1	15.4	15.9	5.5	5.6	5.6	10.8	11.0	10.9	19.0	18.2	18.3	5
4.5	4.5	4.5	20.0	19.2	19.5	5.8	6.1	6.1	16.6	16.7	16.6	30.1	29.5	29.8	6
8.0	8.4	8.1	19.9	20.2	20.5	4.1	4.2	4.2	15.2	16.0	16.2	15.9	17.0	17.0	7
30.8	31.2	30.9	104.1	104.8	105.3	23.7	32.1	32.2	100.0	99.4	100.0	89.7	87.9	90.1	8
25.6	26.0	25.9	86.5	87.0	87.4	29.4	27.5	27.6	80.3	79.1	79.8	76.3	74.6	76.7	9
20.3	19.7	(*)	81.0	80.9	(*)	23.2	23.1	(*)	60.1	59.4	(*)	72.8	71.5	(*)	10
5.1	4.6	4.6	20.4	19.4	19.4	8.1	8.2	8.2	14.8	14.0	14.2	16.4	15.7	15.7	11
283.4	282.6	281.3	1,147.3	1,132.9	1,142.4	312.1	310.6	310.0	993.9	988.5	985.4	758.3	765.2	767.6	12
3.1	3.1	3.2	12.7	12.5	12.4	7.6	7.7	7.8	8.1	8.3	8.3	11.0	11.9	11.8	13
2.7	2.6	2.6	20.0	19.7	19.1	2.6	2.5	2.5	11.2	11.7	11.5	33.0	33.2	32.8	14
205.8	212.1	(*)	819.4	798.7	(*)	230.8	229.2	(*)	688.4	695.1	(*)	512.6	512.1	(*)	15
194.2	197.4	196.3	767.6	747.6	755.4	221.4	220.1	219.3	650.7	657.1	652.9	480.3	480.2	481.4	16
6.8	7.0	7.0	41.0	40.7	40.9	7.3	7.1	7.2	25.1	24.9	24.9	27.2	27.3	27.3	17
5.2	5.3	5.3	12.1	11.6	11.9	2.7	2.7	2.7	8.7	8.7	8.8	4.9	4.9	4.9	18
1.5	1.4	1.4	6.9	7.0	7.1	1.1	1.1	1.1	6.4	6.5	6.5	7.2	7.0	7.0	19
7.8	7.9	7.8	35.8	34.9	35.0	7.2	7.1	7.1	25.9	26.4	26.6	17.3	17.6	17.5	20
4.5	4.4	4.4	24.9	24.9	24.9	4.2	4.3	4.2	17.2	17.8	17.7	12.3	12.6	12.6	21
4.8	4.8	4.8	19.3	18.9	19.0	6.7	6.7	6.6	17.6	18.4	18.5	28.4	28.1	28.4	22
102.2	103.4	102.6	482.2	470.8	472.8	101.8	101.4	100.8	338.4	344.0	344.2	359.6	347.5	348.0	23
1.4	1.3	1.2	9.4	9.4	9.4	1.6	1.6	1.6	7.3	7.2	7.2	5.8	5.4	5.4	24
2.0	2.1	2.1	13.5	13.1	13.1	2.1	2.1	2.1	8.8	9.0	8.9	5.0	4.9	4.9	25
7.2	7.1	7.1	31.2	31.4	31.4	4.6	4.7	4.7	25.7	25.6	25.5	13.0	12.6	12.5	26
10.8	11.0	10.9	42.8	42.3	42.4	10.6	10.5	10.5	29.2	29.4	29.1	18.4	18.0	17.8	27
11.6	14.7	14.5	51.8	51.1	51.0	9.4	9.1	9.1	37.7	37.9	37.9	32.3	31.5	31.4	28
31.6	31.2	31.1	135.2	133.2	134.5	38.5	38.6	38.5	95.9	97.8	97.8	90.0	86.6	86.5	29
1.5	1.4	1.4	11.4	11.3	11.4	2.5	2.5	2.5	9.3	9.4	9.4	20.7	20.3	20.2	30
2.0	2.1	2.1	12.4	12.4	12.4	1.5	1.5	1.5	8.2	8.4	8.5	11.6	11.3	11.3	31
4.2	4.6	4.6	26.8	25.5	25.7	5.3	5.2	5.2	24.0	23.6	23.6	12.8	12.9	12.8	32
3.6	3.4	3.4	16.2	14.9	14.8	2.2	2.0	2.0	9.5	9.6	9.5	12.7	12.3	12.3	33
55.0	52.9	52.5	282.2	275.7	276.1	57.6	58.1	58.0	209.1	211.8	210.6	209.3	203.8	205.5	34
3.7	3.7	3.6	19.2	18.0	18.0	4.3	4.3	4.3	15.9	16.1	16.1	10.1	10.0	10.1	35
11.4	11.4	11.4	47.4	47.1	47.5	20.5	20.9	21.0	38.9	40.7	40.7	29.4	27.5	27.7	36
1.6	1.6	1.6	9.5	9.3	9.2	1.3	1.3	1.3	10.4	10.7	10.8	4.1	4.0	4.0	37
3.8	3.7	3.6	12.7	12.2	12.2	2.9	2.8	2.8	11.9	12.3	12.3	6.2	6.1	6.1	38
2.5	2.5	2.5	14.1	14.1	14.3	2.1	2.0	2.0	10.9	10.8	10.8	11.7	11.2	11.2	39
64.0	65.5	65.0	230.6	231.0	234.1	46.9	47.8	47.6	173.9	180.4	180.0	194.4	190.6	191.9	40
1.4	1.4	1.4	6.0	5.6	5.8	.8	.8	.8	4.1	4.6	4.5	11.2	11.1	11.1	41
7.5	7.8	7.8	19.1	19.0	19.3	6.3	6.3	6.3	17.2	17.7	17.8	21.8	21.3	21.5	42
10.7	10.9	10.9	46.0	46.7	47.9	9.2	9.3	9.2	38.7	40.3	40.2	25.2	23.7	23.7	43
(*)	67.3	66.6	(*)	256.9	259.8	(*)	52.0	51.7	(*)	214.2	213.0	(*)	227.9	228.6	44
7.5	7.5	7.5	33.2	33.1	33.8	7.3	7.7	7.7	27.4	27.4	27.4	33.4	33.7	33.5	45
23.7	22.6	22.4	90.7	90.2	91.1	23.3	23.0	23.0	78.6	80.3	80.8	59.7	56.3	55.7	46
2.4	2.5	2.5	7.0	6.8	7.2	1.2	1.2	1.2	5.8	5.7	5.7	4.8	4.8	4.8	47
124.3	128.1	128.0	362.4	368.0	370.5	74.8	76.1	76.2	275.2	285.3	286.7	314.1	325.9	327.5	48
2.5	2.6	2.6	11.2	11.7	11.9	2.9	2.9	2.9	10.9	11.3	11.4	15.3	15.0	15.1	49
11.2	12.0	12.2	46.1	48.3	49.0	11.1	11.3	11.5	34.0	35.5	36.1	53.7	53.2	53.8	50
6.3	6.8	6.8	21.0	23.1	23.4	2.9	3.2	3.2	14.9	16.5	16.5	11.3	11.7	11.8	51
3.6	4.0	4.0	14.6	15.1	15.4	2.7	2.9	2.9	9.8	10.1	10.2	10.9	10.9	11.0	52
2.7	2.7	2.7	13.7	13.0	13.1	3.8	4.0	4.0	7.8	8.1	8.2	11.0	9.5	10.2	53
51.6	51.6	51.5	127.0	125.6	126.6	30.5	30.3	30.2	110.8	111.2	111.1	79.3	78.0	78.1	54
10.4	10.5	10.5	36.3	35.6	35.6	7.1	6.8	6.7	27.7	28.7	29.0	24.5	24.5	24.7	55
18.8	19.0	18.5	89.2	87.8	86.1	16.5	16.9	16.8	77.5	79.9	78.0	85.9	83.3	84.7	56
1.2	1.2	1.2	8.6	8.3	8.3	1.6	1.6	1.6	7.6	7.9	8.0	3.3	3.0	3.1	57
5.3	5.5	5.4	24.9	26.4	26.9	7.5	7.8	7.8	19.5	20.4	20.6	13.7	13.3	13.5	58
85.0	86.7	87.0	417.4	420.1	426.2	93.3	96.1	96.1	363.2	379.0	376.1	406.8	387.4	390.4	59
57.7	58.6	58.2	217.8	212.3	215.4	58.3	60.1	60.1	201.2	212.7	212.7	210.9	198.6	200.0	60

B-8 Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

	State and area	Total			Mining			Construction			Manufacturing		
		NOV. 1980	OCT. 1981	NOV. 1981P	NOV. 1980	OCT. 1981	NOV. 1981P	NOV. 1980	OCT. 1981	NOV. 1981P	NOV. 1980	OCT. 1981	NOV. 1981P
1	**MASSACHUSETTS**	2,677.6	2,681.0	2,685.0	(1)	(1)	(1)	76.8	72.4	72.5	659.9	675.6	671.9
2	Boston	1,489.0	1,504.0	1,515.3	(1)	(1)	(1)	41.2	44.7	44.5	291.3	298.0	298.1
3	Brockton	57.6	57.5	58.4	(1)	(1)	(1)	1.6	1.3	1.3	12.2	13.0	13.0
4	Fall River	54.4	54.5	54.0	(1)	(1)	(1)	1.5	1.5	1.4	20.0	20.5	19.7
5	Lawrence—Haverhill	113.6	113.0	112.4	(1)	(1)	(1)	3.3	3.3	3.1	44.4	43.5	43.3
6	Lowell	76.5	76.7	77.3	(1)	(1)	(1)	2.8	2.8	2.7	27.7	29.4	29.5
7	New Bedford	64.2	63.4	64.1	(1)	(1)	(1)	1.6	1.7	1.6	25.2	25.1	25.4
8	Springfield-Chicopee-Holyoke	236.3	234.1	234.7	(1)	(1)	(1)	6.9	6.2	6.2	65.5	64.8	63.9
9	Worcester	168.0	166.2	166.1	(1)	(1)	(1)	6.5	6.4	6.3	48.1	47.9	47.4
10	**MICHIGAN**	3,519.4	3,477.4	3,447.4	12.9	12.2	11.8	122.0	117.4	110.5	1,044.3	1,005.2	983.5
11	Ann Arbor	145.0	141.1	136.2	(1)	(1)	(1)	3.1	2.7	2.6	44.9	43.6	38.4
12	Battle Creek	64.1	64.7	64.1	(1)	(1)	(1)	1.8	1.9	1.7	21.8	21.9	21.5
13	Bay City	35.0	35.2	34.9	(1)	(1)	(1)	1.1	1.0	.9	9.7	9.5	9.4
14	Detroit	1,712.2	1,673.5	1,659.1	1.3	1.3	1.2	52.4	51.1	48.9	507.4	477.4	466.6
15	Flint	198.7	196.0	191.6	(1)	(1)	(1)	7.0	9.1	8.5	77.6	73.6	70.0
16	Grand Rapids	272.9	277.0	274.9	(1)	(1)	(1)	11.8	12.1	11.3	92.3	94.6	93.7
17	Jackson	51.3	50.9	51.0	(1)	(1)	(1)	1.1	1.1	1.1	14.4	14.4	14.4
18	Kalamazoo—Portage	110.2	109.2	109.4	(1)	(1)	(1)	4.2	4.5	4.4	32.6	32.6	32.5
19	Lansing—East Lansing	196.3	199.5	197.8	(1)	(1)	(1)	7.5	6.0	5.1	39.6	43.7	42.4
20	Muskegon-Norton Shores-Musk. Hts.	61.0	60.8	60.7	(1)	(1)	(1)	2.0	2.0	2.0	20.6	20.5	20.5
21	Saginaw	85.6	83.8	83.5	(1)	(1)	(1)	2.3	2.1	1.9	31.0	29.3	29.5
22	**MINNESOTA**	1,777.2	1,781.4	1,770.4	13.7	14.3	12.8	78.2	75.3	69.6	366.2	372.2	365.5
23	Duluth—Superior	61.0	58.9	58.8	(1)	(1)	(1)	2.1	1.8	1.6	7.7	7.9	7.9
24	Minneapolis—St. Paul	1,109.3	1,114.0	1,118.6	(1)	(1)	(1)	44.4	40.5	38.5	244.0	253.0	248.1
25	Rochester	50.8	51.0	50.7	(2)	(2)	(2)	2.1	1.6	1.5	9.9	10.5	10.2
26	St. Cloud	56.1	54.9	54.1	(1)	(1)	(1)	3.1	3.0	2.6	11.9	11.1	10.4
27	**MISSISSIPPI**	837.2	825.1	821.2	10.9	11.1	11.1	44.0	40.7	40.0	220.8	219.1	214.9
28	Jackson	147.8	145.8	145.7	1.4	1.6	1.6	7.1	6.2	6.1	19.1	18.8	18.3
29	**MISSOURI**	1,973.6	1,978.7	1,974.1	7.6	7.7	7.6	79.2	80.7	78.1	431.8	429.8	428.6
30	Kansas City	625.0	613.6	615.1	.5	.5	.5	24.9	22.4	23.0	119.2	114.6	116.8
31	St. Joseph	38.2	35.8	35.4	(2)	(2)	(2)	2.2	2.2	2.0	9.5	8.3	8.0
32	St. Louis	989.2	981.6	979.2	2.8	2.8	2.8	43.1	42.0	40.3	236.4	231.2	230.6
33	Springfield	86.1	87.0	86.9	(2)	(2)	(2)	3.6	3.6	3.5	18.4	19.4	19.1
34	**MONTANA**	282.8	287.5	285.9	6.7	8.6	8.6	16.3	15.3	14.9	23.9	23.6	22.8
35	Billings	48.4	49.1	48.7	(1)	(1)	(1)	2.6	2.9	2.9	4.3	4.7	4.4
36	Great Falls	29.5	30.3	30.5	(1)	(1)	(1)	1.8	2.0	2.1	1.3	1.3	1.3
37	**NEBRASKA**	633.2	637.9	635.5	1.6	1.7	1.6	29.9	26.7	26.1	96.1	97.7	95.2
38	Lincoln	101.3	100.9	101.3	(2)	(2)	(2)	4.0	3.7	3.7	13.7	13.5	13.1
39	Omaha	264.0	266.8	266.9	(2)	(2)	(2)	11.2	9.8	9.7	35.3	35.2	34.6
40	**NEVADA**	407.2	425.0	424.3	7.4	8.0	8.0	25.7	25.1	24.5	19.7	19.9	19.8
41	Las Vegas	224.5	234.5	234.7	.6	.7	.7	13.2	12.9	12.8	7.0	7.1	7.2
42	Reno	116.8	119.0	119.1	1.1	1.2	1.2	7.4	7.0	6.7	9.4	8.3	8.2
43	**NEW HAMPSHIRE**	389.3	390.7	389.3	.4	.4	.4	20.3	21.5	21.5	116.5	115.9	115.4
44	Manchester	74.8	74.5	74.9	(2)	(2)	(2)	3.4	3.4	3.3	16.9	17.0	17.0
45	Nashua	65.2	66.0	66.1	(2)	(2)	(2)	2.8	2.8	2.8	30.2	30.9	30.8
46	**NEW JERSEY**	3,066.8	3,107.9	3,104.9	2.4	2.3	2.3	114.2	118.0	116.9	779.0	779.9	771.8
47	Atlantic City	91.3	100.2	100.5	–	–	–	5.5	4.4	4.4	8.3	7.9	7.7
48	Camden [3]	333.1	332.6	332.5	.1	.1	.1	14.5	14.3	14.2	70.1	71.3	70.7
49	Hackensack [4]	403.1	397.5	395.6	(1)	(1)	(1)	14.8	16.1	15.9	110.1	108.5	108.9
50	Jersey City [4]	230.7	227.6	227.9	–	–	–	4.9	5.8	5.9	69.1	67.9	67.7
51	Long Branch—Asbury Park	162.9	165.9	166.0	(1)	(1)	(1)	6.8	8.3	8.2	25.2	25.4	25.4
52	New Brnsk.-Perth Amboy-Sayreville [4]	291.8	290.6	288.0	(1)	(1)	(1)	11.7	11.4	11.3	91.5	90.9	87.7
53	Newark [4]	951.4	944.3	947.1	.8	.9	.9	35.9	34.9	30.9	246.1	241.6	240.7
54	Paterson—Clifton—Passaic [4]	189.6	188.5	189.7	(1)	(1)	(1)	7.3	7.6	7.6	66.6	65.4	65.2
55	Trenton	164.2	162.2	162.1	(1)	(1)	(1)	3.4	3.5	3.5	33.5	34.5	33.8
56	Vineland—Millville—Bridgeton	55.3	54.6	54.4	(1)	(1)	(1)	2.0	2.1	2.1	17.5	18.2	17.8
57	**NEW MEXICO**	461.2	470.6	469.1	29.9	30.5	30.6	28.5	31.1	30.6	34.0	32.8	31.9
58	Albuquerque	186.7	189.3	188.3	(1)	(1)	(1)	11.5	11.9	11.7	18.0	17.1	16.7
59	Las Cruces	29.9	30.6	30.2	–	–	–	1.8	1.7	1.6	2.5	2.9	2.6
60	**NEW YORK**	7,263.5	7,278.2	7,290.0	6.4	6.6	6.5	213.8	218.7	213.2	1,453.0	1,439.7	1,426.5
61	Albany—Schenectady—Troy	339.9	337.8	336.6	(1)	(1)	(1)	11.6	10.8	10.4	58.1	55.7	54.3
62	Binghamton	118.0	120.8	120.9	(1)	(1)	(1)	4.0	4.2	4.0	41.6	44.0	44.2

See footnotes at end of table.

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
NOV. 1980	OCT. 1981	NOV. 1981P	NOV. 1980	OCT. 1981	NOV. 1981P	NOV. 1980	OCT. 1981	NOV. 1981P	NOV. 1980	OCT. 1981	NOV. 1981P	NOV. 1980	OCT. 1981	NOV. 1981P	
123.9	125.3	126.6	575.9	586.4	593.6	158.2	164.0	163.7	658.4	680.4	680.8	414.5	374.9	375.9	1
74.4	74.6	74.4	323.4	319.7	325.9	108.8	113.6	113.9	437.7	457.2	461.3	212.2	196.2	197.2	2
3.7	3.6	3.6	15.7	15.6	15.9	1.9	1.9	1.9	10.5	10.8	11.1	12.0	11.3	11.6	3
1.9	1.9	1.9	11.2	11.3	11.5	2.7	2.8	2.8	9.3	9.4	9.5	7.8	7.1	7.2	4
4.8	4.7	4.7	21.6	21.8	22.2	4.1	4.4	4.3	18.6	18.9	18.8	16.8	16.4	16.0	5
3.3	3.2	3.2	15.7	15.5	15.8	2.0	2.2	2.1	12.5	12.5	12.6	12.5	11.1	11.4	6
2.6	2.9	2.9	12.2	11.6	11.9	2.0	2.0	2.0	9.6	9.8	9.8	11.0	10.3	10.5	7
9.6	9.6	9.5	48.1	47.6	48.3	13.2	13.6	13.5	45.7	47.6	47.8	47.3	44.7	45.5	8
7.4	7.5	7.5	35.7	36.3	36.8	9.1	9.5	9.5	34.4	34.3	34.1	26.8	24.3	24.5	9
149.9	146.3	145.0	746.1	736.5	738.2	155.9	154.4	153.6	651.4	676.9	676.7	637.3	628.6	628.1	10
3.1	3.3	3.3	19.4	18.0	18.2	4.3	4.1	4.1	23.0	23.6	23.6	47.2	45.8	46.0	11
2.4	2.4	2.4	10.9	11.0	11.1	3.8	3.8	3.8	11.1	11.4	11.5	12.3	12.3	12.1	12
1.7	1.7	1.7	8.5	8.3	8.5	1.3	1.3	1.3	7.1	7.9	7.9	5.6	5.5	5.3	13
81.6	77.7	77.2	374.2	371.7	372.8	90.5	89.4	89.1	352.2	363.0	363.2	252.6	241.9	240.2	14
6.1	6.2	6.1	41.6	41.1	41.0	6.6	6.7	6.7	30.1	30.8	29.8	29.7	28.5	29.6	15
11.3	11.5	11.5	62.8	63.5	63.7	10.7	10.7	10.7	49.5	51.2	50.8	34.1	33.4	33.2	16
5.2	5.2	5.2	10.3	10.3	10.4	1.8	1.8	1.8	8.9	9.4	9.4	9.6	8.7	8.7	17
3.6	3.8	3.8	22.4	21.5	21.4	3.7	3.9	3.9	22.1	22.1	22.5	21.5	20.8	20.9	18
5.6	5.6	5.7	35.5	35.9	36.2	9.4	9.4	9.4	29.0	30.3	30.0	69.7	68.6	68.9	19
3.1	3.2	3.1	12.1	12.4	12.4	1.8	1.8	1.8	9.5	9.9	9.8	11.7	11.0	11.1	20
4.9	4.9	4.9	17.9	18.3	18.4	4.1	4.0	3.9	13.7	14.6	14.4	11.7	10.6	10.6	21
100.8	97.4	97.0	443.2	439.2	439.6	94.9	96.7	96.5	371.2	389.0	388.9	309.0	297.3	302.4	22
6.7	6.4	6.2	17.1	15.4	15.7	2.2	2.2	2.1	13.0	13.5	13.5	12.2	11.8	11.7	23
65.5	63.3	63.4	274.3	273.3	275.1	70.4	72.3	72.2	246.0	257.2	260.5	164.3	157.3	160.9	24
1.9	2.0	1.9	10.5	10.4	10.5	1.4	1.4	1.5	19.1	19.7	19.7	5.8	5.4	5.4	25
3.6	3.3	3.3	13.9	13.6	13.5	1.9	1.9	1.9	10.2	10.2	10.8	11.5	11.8	11.7	26
41.9	41.6	41.5	167.0	166.0	167.3	32.9	33.1	33.1	122.6	123.9	123.6	197.0	189.5	189.6	27
10.0	9.7	9.7	35.1	34.5	34.9	11.2	11.1	11.1	29.2	29.7	29.7	34.6	34.1	34.4	28
139.0	138.3	137.6	467.4	468.0	469.5	108.8	110.4	110.1	398.7	413.5	409.7	341.1	330.3	332.9	29
51.8	50.9	50.7	160.7	155.9	157.0	44.0	44.3	44.2	132.2	135.7	133.8	91.7	89.3	89.1	30
2.2	2.1	2.1	9.1	8.3	8.4	2.0	1.9	1.9	6.9	6.8	6.7	6.3	6.2	6.3	31
71.1	70.0	69.5	227.6	224.9	226.0	55.7	56.3	55.9	213.1	220.6	218.9	139.4	134.1	135.2	32
6.6	6.4	6.4	23.3	23.2	23.3	3.4	3.4	3.4	18.5	18.9	19.1	12.3	12.1	12.1	33
23.2	22.3	22.2	72.2	78.5	78.5	12.8	12.3	12.3	56.0	54.4	54.4	71.7	72.6	72.3	34
4.9	4.6	4.7	16.1	15.9	15.9	2.3	2.3	2.3	10.2	10.0	10.0	7.9	8.6	8.6	35
1.8	1.8	1.8	9.6	9.3	9.3	2.0	2.1	2.1	6.9	7.2	7.2	6.1	6.7	6.7	36
47.9	46.2	46.0	164.1	165.9	165.5	43.4	43.2	43.2	117.5	123.8	123.5	132.7	132.7	134.4	37
7.4	7.2	7.0	22.0	22.0	22.4	6.9	7.0	7.0	17.6	18.3	18.3	29.7	29.2	29.8	38
24.2	24.1	24.1	68.0	67.7	68.2	25.2	25.6	25.5	59.1	61.2	60.9	41.0	43.2	43.9	39
24.7	25.6	26.0	82.2	86.9	88.0	18.0	18.5	18.5	170.7	181.9	180.2	58.8	59.1	59.3	40
13.4	14.1	14.1	46.6	50.1	50.9	10.3	10.6	10.6	106.4	111.5	110.8	27.3	27.5	27.6	41
8.3	8.2	8.8	25.8	26.4	26.8	6.3	6.3	6.3	42.6	44.6	44.1	16.9	17.0	17.0	42
13.9	14.0	14.0	87.5	87.5	87.9	20.0	19.8	19.9	71.9	76.3	74.3	58.8	55.4	55.9	43
4.7	4.6	4.6	19.6	19.3	19.6	6.2	6.2	6.2	15.5	15.8	15.8	8.5	8.2	8.4	44
2.0	2.0	2.0	13.0	12.9	13.1	1.9	2.0	1.9	9.5	9.9	9.9	5.8	5.5	5.6	45
190.0	194.7	194.9	682.9	687.9	692.7	156.9	158.7	158.9	612.9	650.3	647.6	528.5	516.1	519.8	46
3.8	3.9	3.9	20.2	20.2	19.5	4.8	5.1	5.1	33.7	43.9	45.0	15.0	14.8	14.9	47
14.4	15.1	15.1	87.4	87.9	88.4	16.7	16.3	16.4	67.4	69.1	69.0	62.5	58.5	58.6	48
20.8	20.2	20.4	119.6	111.8	112.7	17.0	17.8	17.8	75.2	79.1	79.0	45.5	44.0	44.9	49
25.3	24.6	24.8	44.7	44.5	44.4	8.8	8.7	8.7	32.5	32.8	32.8	45.4	43.3	43.6	50
6.1	6.2	6.1	40.6	41.3	41.5	8.1	8.0	8.0	42.1	44.3	44.0	34.0	32.4	32.8	51
23.6	24.8	24.7	66.6	66.7	67.1	10.1	10.4	10.4	41.3	42.6	42.7	47.0	43.8	44.1	52
74.1	75.6	75.6	178.9	177.9	179.6	63.8	64.4	64.7	197.8	204.5	204.7	154.0	147.5	150.0	53
6.5	6.7	6.5	40.5	40.5	41.5	9.1	8.9	8.9	33.8	33.0	33.2	25.8	26.4	26.8	54
5.5	5.3	5.3	26.2	25.1	25.5	7.5	8.0	8.3	43.8	42.9	42.8	44.4	42.9	43.2	55
2.9	2.9	3.0	9.1	8.3	8.4	2.4	2.4	2.4	8.6	8.7	8.7	12.9	12.0	12.0	56
29.1	29.3	29.3	104.2	107.6	108.8	20.9	21.1	21.2	88.6	91.3	90.1	126.0	126.9	126.6	57
12.0	11.8	11.8	47.1	48.1	48.6	11.0	11.0	11.0	43.8	46.1	45.6	43.3	43.3	42.9	58
1.2	1.2	1.2	5.4	5.5	5.6	1.2	1.2	1.2	4.1	4.2	4.2	13.7	13.9	13.8	59
433.7	433.0	432.4	1,484.8	1,481.9	1,502.1	628.6	638.8	639.3	1,723.6	1,778.0	1,777.7	1,309.6	1,281.4	1,292.4	60
16.0	16.1	16.0	68.9	68.5	69.2	15.7	15.8	15.8	72.1	73.5	73.2	97.6	97.4	97.7	61
4.5	4.5	4.5	21.8	21.9	21.9	4.0	4.0	4.0	18.2	20.2	20.2	23.8	21.9	22.1	62

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

State and area	Total			Mining			Construction			Manufacturing		
	NOV. 1980	OCT. 1981	NOV. 1981P	NOV. 1980	OCT. 1981	NOV. 1981P	NOV. 1980	OCT. 1981	NOV. 1981P	NOV. 1980	OCT. 1981	NOV. 1981P
NEW YORK—Continued												
Buffalo	509.4	502.1	500.6	(1)	(1)	(1)	18.2	17.4	16.5	135.9	131.4	130.1
Elmira	37.6	37.6	37.5	(1)	(1)	(1)	1.2	1.2	1.1	11.1	11.3	11.2
Monroe County [7]	343.5	345.6	346.6	(1)	(1)	(1)	9.6	10.7	10.3	136.9	138.5	139.0
Nassau—Suffolk [8]	920.5	925.6	929.1	(1)	(1)	(1)	38.0	37.4	36.8	167.2	166.1	166.2
New York—Northeastern New Jersey	6,764.2	6,752.4	(4)	2.9	3.0	(4)	208.0	209.0	(4)	1,344.0	1,320.0	(4)
New York and Nassau—Suffolk [9]	4,697.7	4,706.1	4,723.1	1.8	1.8	1.7	133.4	136.0	134.9	760.6	746.0	737.1
New York SMSA [9]	3,777.2	3,780.5	3,794.0	1.6	1.5	1.5	95.4	98.6	98.1	583.4	579.8	571.0
New York City [9]	3,325.6	3,325.8	3,341.8	1.2	1.2	1.2	75.8	78.3	77.8	501.2	487.9	483.2
Poughkeepsie	97.8	100.2	100.5	(1)	(1)	(1)	2.9	2.8	2.7	31.8	33.1	33.4
Rochester	421.5	424.5	425.2	(1)	(1)	(1)	11.9	13.3	12.8	158.3	161.3	161.6
Rockland County [9]	82.7	83.7	83.9	(1)	(1)	(1)	2.8	3.0	2.9	16.0	16.3	16.3
Syracuse	263.0	262.9	263.1	(1)	(1)	(1)	9.9	10.1	10.2	59.3	59.0	58.8
Utica—Rome	114.3	116.0	115.9	(1)	(1)	(1)	2.8	2.9	2.8	29.6	30.9	30.9
Westchester County [9]	356.6	358.8	356.1	(1)	(1)	(1)	16.1	16.6	16.6	74.9	74.5	70.2
NORTH CAROLINA	2,415.8	2,409.7	2,406.4	5.1	4.7	4.7	117.5	112.5	110.8	827.2	822.5	817.3
Asheville	70.5	70.3	69.8	(1)	(1)	(1)	3.1	3.3	3.2	21.9	21.1	21.1
Charlotte—Gastonia	338.0	336.8	336.8	(1)	(1)	(1)	18.2	18.0	17.7	93.4	93.7	93.9
Greensboro—Winston-Salem—High Pt	389.1	390.5	391.6	(1)	(1)	(1)	16.8	17.6	17.4	149.4	149.1	149.4
Raleigh—Durham	274.1	271.4	272.4	(1)	(1)	(1)	12.5	12.7	12.6	44.4	44.0	44.1
NORTH DAKOTA	249.7	254.6	253.9	9.0	11.0	11.1	16.7	18.1	17.2	15.3	16.0	15.7
Fargo—Moorhead	83.8	84.3	84.3	(2)	(2)	(2)	4.0	3.9	3.7	4.9	4.9	4.9
OHIO	4,430.3	4,402.1	4,386.0	31.3	31.3	31.3	187.7	180.9	175.5	1,261.2	1,237.6	1,220.7
Akron	264.4	261.6	260.2	(4)	(4)	(4)	8.5	8.3	8.0	78.8	76.1	75.0
Canton	156.3	157.0	156.9	(4)	(4)	(4)	5.9	5.5	5.4	54.4	55.8	55.5
Cincinnati	609.6	610.4	609.9	(4)	(4)	(4)	27.6	26.8	26.0	164.2	161.8	162.2
Cleveland	904.4	899.0	895.5	(4)	(4)	(4)	34.3	33.7	33.0	252.5	250.8	249.5
Columbus	526.6	525.7	526.5	(4)	(4)	(4)	22.0	21.5	21.0	96.8	93.9	93.3
Dayton	360.1	359.3	359.0	(4)	(4)	(4)	14.2	12.5	12.1	99.7	100.3	100.1
Toledo	295.5	296.8	295.5	(4)	(4)	(4)	14.0	14.2	13.3	76.5	75.0	74.0
Youngstown—Warren	202.9	201.5	202.3	(4)	(4)	(4)	7.7	7.3	7.0	69.3	68.7	68.7
OKLAHOMA	1,152.3	1,196.0	1,197.7	74.7	88.6	90.9	56.9	59.0	58.3	190.2	196.1	194.1
Enid	25.9	25.8	25.9	2.1	2.4	2.5	1.8	1.4	1.4	2.9	2.8	2.8
Lawton	29.1	29.7	29.6	(1)	(1)	(1)	1.6	1.5	1.5	2.7	2.9	2.9
Oklahoma City	409.2	429.3	428.8	16.5	21.3	21.6	20.2	24.5	24.5	54.9	56.4	53.9
Tulsa	310.2	323.0	324.8	21.9	24.5	24.8	17.9	18.5	18.4	63.2	66.8	66.7
OREGON	1,036.2	1,014.8	1,001.6	2.4	2.3	2.0	42.0	39.2	37.0	212.3	202.7	195.2
Eugene—Springfield	103.4	101.1	99.6	(1)	(1)	(1)	4.3	4.2	4.2	19.6	17.9	16.7
Jackson County	–	–	–	–	–	–	–	–	–	7.0	6.6	6.2
Portland	552.9	537.3	533.9	(1)	(1)	(1)	23.7	19.8	18.9	113.0	108.0	105.9
Salem	88.5	88.1	85.4	(1)	(1)	(1)	4.2	3.6	3.3	14.6	15.9	13.2
PENNSYLVANIA	4,772.9	4,679.2	4,686.4	50.1	51.8	52.0	195.5	192.3	187.5	1,310.1	1,283.5	1,266.6
Allentown—Bethlehem—Easton	265.5	263.0	261.5	(1)	(1)	(1)	9.3	8.8	8.6	106.6	105.1	103.9
Altoona	49.8	49.3	49.2	(1)	(1)	(1)	2.3	2.2	2.2	12.4	13.0	12.8
Delaware Valley [10]	1,590.3	1,534.8	1,562.7	(1)	(1)	(1)	64.3	58.3	57.4	367.6	357.1	355.9
Erie	112.5	110.2	108.9	(1)	(1)	(1)	3.2	3.4	3.4	40.9	40.3	40.0
Harrisburg	218.9	223.2	223.4	(1)	(1)	(1)	8.4	8.8	8.9	39.4	41.4	41.1
Johnstown	84.1	82.6	81.7	6.1	6.3	6.3	2.9	2.7	2.6	17.6	17.0	16.4
Lancaster	155.8	155.4	154.8	(1)	(1)	(1)	7.2	7.0	6.9	59.3	59.6	59.5
Northeast Pennsylvania	241.1	238.9	236.3	1.2	1.2	1.2	12.0	13.3	13.2	70.4	69.9	69.6
Philadelphia SMSA	1,523.7	1,866.9	1,856.1	(1)	(1)	(1)	78.8	72.5	71.6	437.9	428.2	426.5
Philadelphia City [11]	790.8	744.7	771.7	(1)	(1)	(1)	22.2	18.6	18.3	134.3	132.5	131.5
Pittsburgh	957.9	948.4	940.8	10.4	9.8	10.0	46.4	50.5	48.7	240.1	232.9	226.9
Reading	143.1	144.7	144.1	(1)	(1)	(1)	5.8	5.8	5.8	54.7	55.4	54.9
Scranton [12]	88.2	85.3	85.5	(1)	(1)	(1)	2.6	3.2	3.2	28.4	28.0	28.2
Wilkes-Barre—Hazleton [13]	123.4	123.1	123.4	1.1	1.2	1.1	8.1	8.7	8.8	37.2	37.1	36.7
Williamsport	47.6	46.0	46.7	(1)	(1)	(1)	1.4	1.6	1.5	16.4	15.3	16.0
York	158.6	158.3	157.8	(1)	(1)	(1)	6.9	6.9	6.6	66.8	67.2	66.7
RHODE ISLAND	404.4	405.7	404.9	(1)	(1)	(1)	13.1	13.2	13.0	131.0	127.3	126.3
Providence—Warwick—Pawtucket	412.5	412.2	411.1	(1)	(1)	(1)	13.4	13.4	13.2	145.0	141.3	140.2
SOUTH CAROLINA	1,192.5	1,192.5	1,190.1	1.9	1.8	1.8	72.0	69.9	66.9	390.6	386.3	385.5
Charleston—North Charleston	148.6	152.0	152.6	(1)	(1)	(1)	10.9	10.8	11.1	20.9	21.2	21.0
Columbia	181.4	178.2	178.3	(1)	(1)	(1)	8.7	8.6	8.3	27.6	27.3	27.4
Greenville—Spartanburg	264.9	263.2	263.0	(1)	(1)	(1)	17.3	17.3	17.2	102.9	100.3	100.2

See footnotes at end of table.

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B-8. Employees on nonagricultural payrolls for States and selected areas, by industry division—Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
NOV. 1980	OCT. 1981	NOV. 1981P	NOV. 1980	OCT. 1981	NOV. 1981P	NOV. 1980	OCT. 1981	NOV. 1981P	NOV. 1980	OCT. 1981	NOV. 1981P	NOV. 1980	OCT. 1981	NOV. 1981P	
27.2	26.3	26.2	115.1	114.0	114.9	22.5	22.4	22.4	103.1	105.4	104.8	87.3	85.1	85.7	1
1.3	1.3	1.3	9.1	9.0	9.1	1.1	1.1	1.1	7.4	7.4	7.3	6.5	6.2	6.4	2
10.2	10.1	10.1	60.3	60.3	60.7	14.3	14.4	14.4	70.3	71.6	71.8	42.0	40.0	40.2	3
39.4	40.9	40.9	244.1	245.7	248.0	51.9	52.3	52.1	202.4	209.4	208.4	177.6	173.6	176.6	4
470.4	472.7	(*)	1,427.8	1,406.8	(*)	632.1	642.5	(*)	1,556.0	1,624.8	(*)	1,083.0	1,083.6	(*)	5
320.1	321.9	322.0	977.5	966.1	979.8	523.3	532.4	532.8	1,215.7	1,243.8	1,248.5	765.3	758.2	766.2	6
280.8	281.0	281.1	733.4	720.4	731.8	471.4	480.0	480.7	1,013.5	1,034.6	1,040.3	587.7	584.5	589.5	7
257.2	257.3	257.3	626.8	613.8	624.2	450.0	458.5	459.2	804.7	823.0	830.0	508.6	505.9	509.0	8
2.9	2.8	2.8	16.3	16.2	16.3	2.7	2.8	2.8	17.7	18.9	18.8	23.5	23.6	23.7	9
12.9	12.7	12.7	77.4	77.3	77.8	15.9	16.0	16.0	81.6	82.7	82.7	63.4	61.1	61.7	10
3.5	3.5	3.5	18.3	18.6	18.6	2.5	2.5	2.5	18.3	18.0	17.9	21.2	21.8	22.0	11
15.0	14.7	14.7	57.4	57.9	57.8	16.5	16.6	16.6	54.4	55.0	55.1	50.4	49.6	50.0	12
3.9	3.9	3.9	22.2	22.3	22.5	5.4	5.5	5.5	21.0	21.8	21.5	28.9	28.7	28.8	13
19.4	19.6	19.7	85.3	84.9	85.9	18.4	18.5	18.5	88.0	91.0	89.9	54.5	53.7	55.3	14
117.4	119.5	119.5	481.3	477.2	479.2	95.6	96.7	96.8	344.7	356.4	355.4	426.7	420.2	423.0	15
3.8	3.7	3.7	15.3	15.4	15.2	2.2	2.2	2.2	12.2	12.5	12.2	12.0	12.1	12.2	16
31.2	31.6	31.5	83.9	81.7	81.9	21.1	21.2	21.1	52.4	53.8	53.8	37.8	36.8	36.9	17
21.2	21.6	21.5	76.1	77.3	78.2	18.0	18.5	18.3	57.4	59.5	59.4	48.2	46.5	47.4	18
13.8	14.1	14.2	52.8	52.2	52.5	15.7	15.8	15.7	57.9	56.6	57.3	77.0	76.9	76.0	19
17.4	17.1	17.1	66.1	67.0	67.2	11.4	11.9	11.9	45.7	51.8	51.6	62.1	61.7	62.1	20
4.0	3.9	3.9	19.3	19.3	19.3	3.7	3.8	3.7	14.3	14.7	15.0	13.6	13.8	13.8	21
224.9	221.8	221.4	980.2	970.7	978.8	206.4	209.2	208.8	835.5	868.3	862.5	703.1	682.0	687.1	22
14.0	13.8	13.7	57.4	56.5	56.9	9.2	9.1	9.0	50.0	52.4	51.7	46.1	45.0	45.5	23
7.2	7.2	7.3	33.2	33.0	33.2	6.3	6.4	6.4	28.9	29.9	29.8	19.2	19.3	18.5	24
34.1	33.6	33.5	143.2	142.9	144.6	33.3	33.7	33.5	121.5	127.5	125.5	85.4	83.8	84.3	25
46.5	45.6	45.4	210.8	208.3	209.8	48.4	49.0	49.0	187.6	193.1	192.6	122.7	117.1	118.8	26
25.3	25.2	25.3	126.9	127.3	129.2	38.6	40.2	40.3	108.5	112.6	111.9	107.9	104.2	104.7	27
13.4	13.3	13.2	74.5	73.3	74.0	13.7	13.9	13.9	74.3	76.2	75.9	70.0	69.5	69.3	28
20.1	19.6	19.7	67.6	66.7	67.2	10.8	11.0	10.9	61.0	62.9	62.7	49.0	46.8	47.1	29
9.3	9.2	9.3	44.9	44.2	44.5	7.1	7.2	7.3	37.7	39.2	39.0	26.5	25.2	26.0	30
67.5	66.3	67.3	286.8	289.9	292.4	56.7	58.5	58.5	202.3	213.8	213.0	227.2	221.8	223.2	31
2.8	2.9	2.9	7.0	7.0	7.1	1.1	1.1	1.1	4.5	4.5	4.4	3.7	3.7	3.7	32
1.3	1.5	1.4	7.1	7.1	7.1	1.2	1.4	1.4	4.5	4.7	4.6	10.7	10.6	10.7	33
24.4	25.3	25.4	102.8	107.7	108.8	24.7	25.8	25.9	74.7	79.8	79.2	89.0	88.5	89.5	34
24.1	24.4	24.3	71.5	74.6	75.6	15.6	16.3	16.0	62.6	65.2	65.8	33.4	33.0	33.2	35
59.8	56.4	59.1	257.9	253.2	250.6	67.9	64.5	63.1	190.0	191.8	190.0	203.9	201.7	204.6	36
5.0	4.8	4.8	25.9	25.0	24.9	5.3	5.3	5.2	20.2	20.4	20.0	23.1	23.5	23.8	37
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	38
35.7	35.4	35.5	142.8	139.0	138.0	45.7	44.4	43.8	110.1	112.3	112.0	81.9	78.4	79.8	39
2.8	2.8	2.8	19.5	19.2	19.0	5.4	5.4	5.4	14.9	15.0	15.0	27.1	26.2	26.7	40
261.9	252.4	251.3	1,006.6	978.4	984.9	238.4	239.6	239.4	977.0	1,009.0	1,003.0	733.3	672.1	701.7	41
14.3	14.3	14.2	50.9	49.7	50.2	9.6	9.9	9.8	44.7	46.7	46.2	29.9	28.5	28.6	42
6.5	5.9	5.8	10.8	10.7	10.7	1.5	1.5	1.5	8.6	8.7	8.6	7.7	7.3	7.6	43
83.3	79.8	79.8	331.7	325.1	326.5	109.6	111.9	112.1	400.2	408.8	407.8	233.6	193.9	222.2	44
5.2	5.4	5.4	22.5	21.8	21.9	4.5	5.0	4.9	22.8	23.1	22.9	13.0	11.2	10.4	45
16.2	15.7	15.7	44.7	44.5	45.2	13.0	13.0	13.2	39.5	41.6	41.3	57.7	58.2	58.0	46
4.8	4.5	4.5	16.3	15.8	15.7	4.0	4.1	4.1	16.0	16.0	15.9	14.4	14.2	14.2	47
6.0	6.5	6.3	34.7	34.7	34.8	5.7	5.9	5.9	27.6	27.0	26.9	15.3	14.4	14.5	48
13.6	13.4	13.2	51.1	49.8	50.2	9.6	9.8	9.9	44.0	44.2	43.2	39.2	37.4	37.8	49
97.8	94.9	94.9	415.1	412.9	416.9	126.3	128.2	128.4	487.7	478.0	477.0	296.1	252.2	280.8	50
52.0	48.9	49.2	148.4	144.7	146.1	66.5	67.2	67.0	221.8	222.9	222.7	146.2	109.9	136.9	51
60.1	56.5	56.5	211.5	213.0	214.0	45.9	45.3	45.3	218.8	220.6	219.3	124.7	119.8	120.1	52
6.4	6.3	6.3	29.0	28.5	28.1	6.1	6.4	6.4	23.5	24.8	24.5	17.6	17.1	17.1	53
4.4	4.2	4.1	19.4	18.5	18.6	3.6	3.6	3.6	17.8	16.8	16.9	12.0	11.0	10.9	54
7.2	7.3	7.3	26.5	26.1	26.6	5.0	5.3	5.3	19.1	19.4	19.3	19.2	18.0	18.3	55
2.3	2.4	2.4	10.5	10.0	10.1	2.2	2.2	2.2	8.2	8.3	8.3	6.6	6.2	6.2	56
7.3	7.4	7.4	33.9	33.5	33.6	3.9	3.8	3.8	21.6	21.9	21.6	18.2	17.6	18.1	57
13.5	13.2	13.2	82.2	81.6	82.4	21.0	21.1	21.0	83.6	90.4	90.4	59.7	58.6	58.6	58
13.5	13.2	13.1	82.6	81.4	82.0	21.1	20.9	20.8	80.9	87.1	87.0	56.0	54.9	54.8	59
54.5	54.9	55.4	224.9	227.5	229.4	47.7	49.5	49.3	157.7	164.6	162.9	243.2	239.0	238.9	60
9.4	9.2	9.5	31.6	32.9	33.2	6.4	6.6	6.5	24.1	25.7	25.8	46.2	45.6	45.5	61
9.5	9.8	9.5	38.2	36.3	36.8	14.3	14.5	14.4	27.2	27.0	26.8	55.9	54.7	55.1	62
13.3	10.2	10.3	52.3	52.4	52.6	9.4	9.5	9.5	36.9	37.7	37.6	36.1	35.8	35.9	63

B-8 Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

State and area	Total			Mining			Construction			Manufacturing		
	NOV. 1980	OCT. 1981	NOV. 1981P	NOV. 1980	OCT. 1981	NOV. 1981P	NOV. 1980	OCT. 1981	NOV. 1981P	NOV. 1980	OCT. 1981	NOV. 1981P
SOUTH DAKOTA	235.7	234.6	232.6	2.8	2.9	2.9	10.6	9.8	8.5	25.3	26.1	26.0
Rapid City	31.2	32.0	31.5	(2)	(2)	(2)	2.2	1.9	1.8	3.1	3.1	3.1
Sioux Falls	54.3	55.0	54.8	(2)	(2)	(2)	2.2	2.4	2.1	8.1	7.9	7.8
TENNESSEE	1,736.6	1,728.1	1,721.8	10.3	11.1	11.0	74.9	73.1	72.7	506.2	515.9	509.3
Chattanooga	167.1	165.4	164.9	1.2	1.2	1.2	6.4	6.2	6.2	49.5	48.9	48.5
Knoxville	200.1	199.5	198.2	1.6	1.7	1.6	10.6	10.9	11.0	52.6	52.1	50.5
Memphis	358.9	356.5	356.2	.2	.2	.2	15.8	14.9	14.6	59.9	58.1	57.1
Nashville—Davidson	357.8	356.8	357.9	(1)	(1)	(1)	16.6	16.8	16.6	78.8	82.1	81.5
TEXAS	6,007.7	6,223.6	6,245.6	247.6	285.7	288.7	431.1	437.5	439.9	1,063.7	1,096.5	1,085.8
Abilene	56.3	58.6	58.5	4.3	4.5	4.6	2.9	3.1	3.2	5.7	6.5	6.4
Amarillo	74.8	76.9	77.5	(1)	(1)	(1)	4.2	4.8	5.0	9.4	9.9	9.8
Austin	249.3	253.0	252.1	(1)	(1)	(1)	13.9	13.9	13.4	30.7	31.6	31.9
Beaumont-Port Arthur-Orange	154.5	154.7	153.0	(1)	(1)	(1)	12.5	12.0	11.4	43.3	44.1	42.5
Corpus Christi	124.6	129.4	129.0	6.4	6.3	6.3	12.7	15.0	15.1	16.2	16.6	16.9
Dallas—Fort Worth	1,491.3	1,535.4	1,538.7	25.8	29.2	29.4	86.8	87.9	87.4	322.3	322.6	322.3
El Paso	162.8	165.9	166.8	(1)	(1)	(1)	8.0	7.9	7.9	35.3	37.0	37.5
Galveston—Texas City	71.6	73.2	74.0	(1)	(1)	(1)	4.8	4.8	4.9	12.7	12.9	12.6
Houston	1,466.4	1,526.2	1,527.5	82.8	88.9	89.2	145.3	147.6	147.0	246.1	258.4	258.0
Longview—Marshall	65.0	66.2	66.4	(1)	(1)	(1)	4.7	4.5	4.4	19.0	19.5	19.7
Lubbock	90.2	90.7	90.6	(1)	(1)	(1)	4.1	4.2	4.1	12.8	11.9	11.7
Midland	43.5	47.1	47.4	11.1	12.8	13.0	3.0	2.8	2.9	3.9	4.3	3.8
Odessa	54.5	58.2	58.8	9.6	9.0	9.1	4.6	4.8	5.0	7.4	8.5	8.7
San Angelo	35.8	37.5	37.9	.9	.9	.9	2.3	2.3	2.3	6.3	6.3	6.3
San Antonio	403.8	408.8	408.5	2.6	3.1	3.2	29.3	28.3	28.2	51.8	53.6	53.9
Sherman—Denison	36.9	36.7	36.6	.2	.2	.2	1.9	1.7	1.7	13.2	12.9	12.7
Waco	72.9	73.7	74.2	(1)	(1)	(1)	3.7	3.3	3.2	16.9	17.1	17.2
Wichita Falls	53.2	54.6	54.6	3.3	3.7	3.7	2.4	2.6	2.6	9.8	10.5	10.4
UTAH	557.8	567.9	569.9	19.8	21.4	21.5	32.7	30.1	29.9	88.0	91.1	90.7
Salt Lake City—Ogden	392.2	397.8	399.3	7.7	8.1	8.1	21.8	19.8	19.3	60.2	62.1	62.1
VERMONT	202.7	204.1	202.1	.7	.7	.7	11.2	10.9	10.7	50.4	49.6	49.6
Burlington *	56.8	60.0	59.6	–	–	–	–	–	–	14.9	15.8	15.8
Springfield *	14.6	14.2	13.9	–	–	–	–	–	–	6.4	6.1	6.0
VIRGINIA	2,142.8	2,152.2	2,151.1	23.8	24.9	25.1	123.2	114.3	112.1	414.2	407.3	405.8
Bristol	29.0	29.3	29.2	(1)	(1)	(1)	1.4	1.4	1.3	9.3	9.5	9.3
Lynchburg	72.6	71.9	72.0	(1)	(1)	(1)	3.8	3.4	3.4	29.1	29.3	29.2
Newport News—Hampton	154.9	157.1	156.5	(1)	(1)	(1)	7.2	7.1	7.2	35.9	34.8	34.9
Norfolk-Virginia Beach-Portsmouth	284.6	291.8	292.2	(1)	(1)	(1)	15.7	16.8	16.3	29.3	29.4	29.7
Northern Virginia *	435.5	442.9	444.3	.4	.4	.3	27.7	28.0	27.2	17.1	18.2	18.1
Petersburg-Colonial Hghts.-Hopewell	47.1	46.5	46.4	(1)	(1)	(1)	2.6	2.2	2.2	11.8	11.1	11.1
Richmond	327.9	328.7	329.2	.4	.3	.3	16.5	16.1	15.9	56.3	55.8	56.0
Roanoke	105.6	102.2	102.5	.1	.1	.1	6.1	4.9	4.9	21.1	20.4	20.6
WASHINGTON	1,607.8	1,581.6	1,571.0	3.3	3.3	3.3	88.7	85.0	82.0	304.3	300.4	293.0
Seattle—Everett	794.0	772.8	770.5	(1)	(1)	(1)	40.2	37.4	36.1	175.6	166.8	165.0
Spokane	128.4	125.7	124.4	(1)	(1)	(1)	6.6	5.9	5.4	16.5	16.6	16.3
Tacoma	142.0	140.1	139.7	(1)	(1)	(1)	7.1	6.8	6.5	21.9	22.1	22.1
WEST VIRGINIA	651.0	633.9	632.5	66.8	66.4	66.4	37.2	30.5	27.7	116.8	113.2	112.2
Charleston	116.6	113.0	112.5	6.8	6.7	6.7	6.7	5.7	5.2	17.7	16.9	17.0
Huntington—Ashland	104.6	104.8	104.6	1.1	1.1	1.1	5.4	4.3	3.9	26.2	25.9	25.7
Parkersburg—Marietta	57.7	57.0	56.6	.9	.9	.9	3.6	3.2	2.9	14.9	14.4	14.5
Wheeling	65.9	64.3	64.4	5.9	4.8	4.9	3.1	2.4	2.2	11.8	11.3	11.7
WISCONSIN	1,565.8	1,569.1	1,561.6	2.7	2.3	2.2	74.3	70.8	67.6	553.6	544.0	540.4
Appleton—Oshkosh	126.6	127.4	127.3	(1)	(1)	(1)	6.5	5.9	5.5	48.1	47.5	46.7
Eau Claire	49.1	49.9	49.6	(1)	(1)	(1)	2.1	2.3	2.1	8.9	8.6	8.6
Green Bay	79.1	80.3	79.1	(1)	(1)	(1)	3.4	2.9	2.7	21.9	22.1	21.4
Janesville—Beloit	52.5	49.2	48.7	(1)	(1)	(1)	2.3	1.5	1.6	20.6	17.7	17.2
Kenosha	44.8	37.2	41.9	(1)	(1)	(1)	2.0	1.7	1.8	18.8	11.9	16.5
La Crosse	46.5	47.6	47.7	(1)	(1)	(1)	1.6	1.6	1.6	10.9	10.9	10.9
Madison	174.7	176.3	175.4	(1)	(1)	(1)	7.2	7.2	6.9	20.2	20.9	20.6
Milwaukee	691.0	675.0	673.7	(1)	(1)	(1)	22.5	21.9	21.5	202.5	196.4	194.8
Racine	68.8	67.9	67.5	(1)	(1)	(1)	2.1	1.8	1.5	29.1	28.9	28.5
WYOMING	207.9	210.4	208.4	36.6	38.6	38.4	21.3	18.0	17.4	11.3	12.5	12.2
Casper	40.9	40.9	40.4	7.7	6.9	6.9	4.1	3.8	3.6	1.9	2.1	2.1
Cheyenne	29.8	28.7	28.6	(1)	(1)	(1)	2.4	2.1	2.0	1.6	1.4	1.4

See footnotes at end of table.

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
NOV. 1980	OCT. 1981	NOV. 1981P	NOV. 1980	OCT. 1981	NOV. 1981P	NOV. 1980	OCT. 1981	NOV. 1981P	NOV. 1980	OCT. 1981	NOV. 1981P	NOV. 1980	OCT. 1981	NOV. 1981P	
13.5	13.1	13.1	62.8	62.6	62.2	11.0	11.0	11.0	50.1	51.0	50.4	59.6	58.1	58.5	1
1.9	1.9	1.9	8.6	9.2	8.9	1.5	1.6	1.6	6.7	7.0	6.8	7.2	7.3	7.4	2
4.7	4.8	4.9	15.8	16.0	16.0	3.4	3.4	3.4	13.2	13.7	13.5	6.8	6.9	7.1	3
84.3	81.5	81.7	376.4	368.4	371.1	77.6	75.9	75.2	285.3	301.3	296.8	319.6	300.9	301.0	4
7.2	7.2	7.2	32.2	32.4	32.5	9.4	9.4	9.3	27.7	27.5	27.3	32.6	32.6	32.7	5
8.1	8.2	8.1	41.7	42.9	43.1	8.1	8.0	8.0	31.1	31.9	32.1	46.3	43.8	43.8	6
26.9	26.6	26.6	97.5	98.3	99.1	19.2	19.2	19.2	72.9	74.8	74.9	66.3	64.8	64.5	7
19.3	18.4	18.5	80.4	77.9	79.2	24.5	24.0	23.8	73.5	75.6	76.0	64.8	62.3	62.3	8
370.2	389.6	389.5	1,459.4	1,522.4	1,533.4	346.3	354.2	356.5	1,036.5	1,096.8	1,099.0	1,049.9	1,049.9	1,052.9	9
3.2	3.3	3.3	15.6	16.1	16.3	2.6	2.8	2.8	12.4	12.8	12.7	9.6	9.6	9.6	10
7.3	7.4	7.4	22.3	22.6	23.3	3.7	3.7	3.7	15.0	15.9	15.9	12.9	12.7	12.8	11
7.3	7.4	7.4	52.9	56.0	55.7	14.8	15.3	15.3	44.2	46.4	46.5	81.5	82.4	82.3	12
11.7	11.7	11.8	34.0	33.1	33.2	5.4	5.9	5.9	26.7	28.5	27.9	20.9	19.4	19.3	13
7.7	7.1	7.0	28.7	30.0	29.6	5.3	5.5	5.4	21.4	22.2	22.3	28.2	28.7	28.8	14
95.2	98.2	98.3	398.7	411.3	415.4	111.6	117.2	117.2	262.7	285.6	284.5	186.2	183.4	184.2	15
11.0	11.0	11.0	35.4	35.7	40.0	7.4	7.7	7.7	25.5	25.0	24.9	36.2	37.6	37.8	16
6.7	6.8	7.2	13.9	14.8	14.8	4.7	4.8	4.7	11.3	11.6	11.6	18.3	17.9	18.2	17
132.8	107.8	107.3	353.9	364.5	364.9	89.5	93.2	93.8	260.7	298.5	299.3	165.3	167.3	166.0	18
3.5	3.6	3.6	14.9	14.7	14.9	2.4	2.5	2.4	13.1	13.4	13.5	7.4	8.3	7.9	19
5.2	4.9	5.0	26.8	27.2	27.2	4.8	4.9	4.9	16.5	17.6	17.5	19.6	20.3	20.2	20
2.4	2.5	2.6	9.7	10.3	10.4	2.4	2.8	2.8	6.4	7.2	7.2	4.6	4.7	4.7	21
2.5	2.5	2.6	16.3	17.4	17.6	2.0	2.1	2.1	6.7	7.4	7.3	6.4	6.5	6.4	22
3.3	3.7	3.7	8.4	9.0	9.1	1.5	1.7	1.7	6.7	7.0	7.2	6.4	6.6	6.7	23
18.5	19.6	19.6	95.4	98.9	99.2	27.2	27.7	27.8	80.6	82.7	82.5	94.1	94.9	94.5	24
2.4	2.6	2.6	7.2	7.2	7.1	1.3	1.3	1.3	5.8	6.0	6.0	4.9	4.9	5.0	25
3.5	3.5	3.5	17.4	18.1	18.3	4.2	4.3	4.2	15.5	15.8	16.0	11.7	11.6	11.7	26
2.6	2.7	2.7	13.8	13.4	13.6	2.3	2.4	2.4	8.2	8.3	8.3	11.0	11.0	11.1	27
33.7	35.2	35.0	131.5	132.2	134.4	25.9	26.4	26.3	100.6	106.0	105.6	125.7	125.7	126.5	28
26.6	27.4	27.4	98.4	98.5	100.4	20.9	21.3	21.1	67.7	71.3	70.5	88.8	89.9	90.0	29
8.7	8.9	8.9	41.2	42.9	42.4	8.2	8.2	8.2	44.0	45.1	43.4	38.3	38.2	38.2	30
2.4	2.4	2.4	12.1	12.3	12.2	–	–	–	12.1	12.8	12.4	–	–	–	31
.7	.7	.7	2.1	2.1	2.1	–	–	–	2.5	2.4	2.3	–	–	–	32
115.3	117.3	117.2	457.9	468.9	471.9	106.0	107.9	107.2	390.0	403.4	401.5	512.4	529.2	530.3	33
1.2	1.3	1.3	6.8	7.0	7.2	1.0	1.0	1.0	3.4	3.8	3.8	5.4	5.3	5.3	34
2.7	2.6	2.6	11.7	11.2	11.4	3.7	3.6	3.5	11.1	11.0	11.0	10.5	13.8	13.9	35
5.2	5.3	5.3	29.2	30.4	30.5	5.0	5.1	5.1	28.8	31.8	30.7	43.1	42.6	42.8	36
19.6	19.7	19.7	70.0	73.4	73.6	14.4	14.8	14.8	55.7	57.8	57.5	80.9	79.9	80.8	37
29.3	28.8	28.6	100.5	102.5	104.0	27.1	28.2	28.1	113.6	115.6	115.9	119.8	121.4	122.1	38
1.5	1.5	1.5	8.1	8.4	8.4	1.3	1.3	1.3	6.3	6.7	6.6	15.5	15.3	15.3	39
19.8	20.3	20.2	74.1	74.7	74.9	20.8	20.4	20.4	59.2	61.2	61.2	74.8	73.9	74.3	40
9.9	9.4	9.5	26.0	25.8	25.8	6.2	6.2	6.0	19.8	20.1	19.9	16.4	15.5	15.7	41
91.0	86.5	86.5	384.2	380.3	379.6	92.2	92.4	91.9	309.6	315.4	314.6	332.5	317.9	320.1	42
53.6	51.8	51.7	190.6	187.0	187.9	57.4	58.1	58.1	156.3	167.6	167.4	120.3	114.1	114.3	43
7.9	7.8	7.7	35.3	34.4	34.4	8.2	8.1	8.0	29.8	30.8	30.5	24.1	22.1	22.1	44
7.1	6.8	7.0	33.2	33.3	33.3	7.2	7.3	7.3	31.7	31.9	31.8	35.8	31.9	31.7	45
43.1	43.2	43.1	132.4	132.0	133.3	22.2	22.0	22.0	99.7	98.3	98.6	132.7	126.3	129.2	46
10.0	9.5	9.6	27.3	26.5	26.7	5.0	5.3	5.0	20.4	20.7	20.6	22.8	21.9	21.8	47
9.8	10.2	10.2	24.1	25.5	25.7	3.8	3.7	3.7	15.5	15.4	15.4	19.9	18.9	19.0	48
2.5	2.5	2.5	13.0	12.9	12.9	2.1	2.1	2.1	10.1	9.4	9.4	9.7	9.7	9.7	49
3.9	3.8	3.8	15.7	15.4	15.5	2.8	2.8	2.8	13.9	13.4	13.8	9.3	9.2	9.2	50
93.9	92.9	92.1	448.3	451.7	453.6	94.2	96.4	96.1	370.6	386.3	383.9	329.2	329.9	326.1	51
4.4	4.4	4.4	26.6	26.6	26.8	5.5	5.6	5.6	20.5	22.0	21.9	14.7	14.9	14.4	52
2.6	2.6	2.5	12.9	13.5	13.5	1.6	1.6	1.6	10.1	10.4	10.4	11.0	11.0	10.8	53
6.0	6.1	6.1	19.6	20.4	20.1	2.4	2.4	2.4	15.6	16.0	16.1	10.3	10.4	10.3	54
2.0	2.2	2.2	11.1	11.3	11.1	1.4	1.4	1.4	8.2	8.4	8.4	6.6	7.1	7.0	55
1.3	1.2	1.2	8.2	8.2	8.2	1.1	1.1	1.1	7.6	7.8	7.7	5.8	5.5	5.5	56
2.3	2.2	2.2	12.7	12.6	12.7	1.1	1.1	1.1	10.6	11.5	11.4	7.2	7.7	7.9	57
6.5	6.5	6.6	37.9	37.7	38.6	12.9	13.0	13.1	31.5	33.2	33.0	58.5	58.0	56.7	58
34.8	34.3	33.9	147.5	145.9	146.9	39.6	40.1	40.1	146.8	151.6	151.2	87.4	84.9	85.3	59
2.3	2.3	2.4	12.8	12.8	12.7	2.2	2.2	2.2	11.3	11.1	11.2	8.9	9.0	9.1	60
18.3	18.2	18.3	42.3	43.5	43.7	7.2	7.3	7.3	27.6	28.9	28.1	43.6	43.4	43.0	61
3.3	3.3	3.2	10.5	10.0	9.9	1.8	2.0	2.0	5.7	6.0	5.9	5.9	6.4	6.8	62
4.5	4.2	3.9	6.6	6.1	6.3	1.5	1.4	1.4	4.6	5.3	5.0	8.6	8.5	8.6	63

B-8 Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

State and area	Total			Mining			Construction			Manufacturing		
	NOV. 1980	OCT. 1981	NOV. 1981P	NOV. 1980	OCT. 1981	NOV. 1981P	NOV. 1980	OCT. 1981	NOV. 1981P	NOV. 1980	OCT. 1981	NOV. 1981P
1 PUERTO RICO	(*)	(*)	(*)	.9	.8	.8	37.5	29.3	28.6	(*)	(*)	(*)
2 Caguas	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
3 Mayaguez	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
4 Ponce	(*)	(*)	(*)	(*)	(*)	(*)	3.4	1.9	1.8	(*)	(*)	(*)
5 San Juan	(*)	(*)	(*)	(*)	(*)	(*)	25.5	21.2	20.9	(*)	(*)	(*)
6 VIRGIN ISLANDS	36.3	34.9	35.4	(2)	(2)	(2)	3.3	2.9	2.9	3.3	3.0	2.9

[1] Combined with services.
[2] Combined with construction.
[3] Employment data adjusted to March 1981 benchmark.
[4] Area included in Chicago-Gary Standard Consolidated Statistical Area.
[5] Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.
[6] Subarea of New York—Northeastern New Jersey.
[7] Subarea of Rochester Standard Metropolitan Statistical Area.
[8] Area included in New York and Nassau-Suffolk combined SMSA's.
[9] Subarea of New York Standard Metropolitan Statistical Area.
[10] Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pennsylvania.
[11] Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Philadelphia County.
[12] Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Lackawanna County.
[13] Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Luzerne County.
[14] Total includes data for industry divisions not shown separately.
[15] Subarea of Washington, D.C. Standard Metropolitan Statistical Area: Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park cities and Arlington, Fairfax, Loudoun, and Prince William Counties, Virginia.
p = preliminary.
* Not available.

SOURCE: Cooperating State agencies listed on inside back cover.

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
NOV. 1980	OCT. 1981	NOV. 1981P	NOV. 1980	OCT. 1981	NOV. 1981P	NOV. 1980	OCT. 1981	NOV. 1981P	NOV. 1980	OCT. 1981	NOV. 1981P	NOV. 1980	OCT. 1981	NOV. 1981P	
17.3	17.9	17.9	115.4	108.4	109.3	27.7	28.0	28.4	84.1	83.0	83.0	263.6	225.3	227.1	1
(*)	(*)	(*)	5.7	5.0	5.0	(*)	(*)	(*)	(*)	(*)	(*)	12.4	10.8	10.8	2
(*)	(*)	(*)	5.9	5.5	5.7	(*)	(*)	(*)	(*)	(*)	(*)	15.9	15.6	15.6	3
(*)	(*)	(*)	8.2	6.9	6.9	(*)	(*)	(*)	7.2	6.6	6.5	18.8	17.2	17.2	4
13.4	13.8	13.9	73.0	68.8	69.1	20.7	21.1	21.5	58.6	58.9	58.4	125.1	117.5	118.0	5
2.0	2.0	2.0	7.2	6.6	7.1	1.5	1.5	1.5	5.1	5.4	5.7	13.2	13.2	13.5	6

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READEX FICHE

C-1. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division, 1960 to date

Year and month	Average												
	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Hourly earnings excl overtime
	Total private[1]			Mining			Construction			Manufacturing			
1960	$80.67	38.6	$2.09	$105.04	40.4	$2.60	$112.67	36.7	$3.07	$89.72	39.7	$2.26	$2.19
1961	82.60	38.6	2.14	106.92	40.5	2.64	118.08	36.9	3.20	92.34	39.8	2.32	2.25
1962	85.91	38.7	2.22	110.70	41.0	2.70	122.47	37.0	3.31	96.56	40.4	2.39	2.31
1963	88.46	38.8	2.28	114.40	41.6	2.75	127.19	37.3	3.41	99.23	40.5	2.45	2.37
1964	91.33	38.7	2.36	117.74	41.9	2.81	132.06	37.2	3.55	102.97	40.7	2.53	2.43
1965	95.45	38.8	2.46	123.52	42.3	2.92	138.38	37.4	3.70	107.53	41.2	2.61	2.50
1966	98.82	38.6	2.56	130.24	42.7	3.05	146.26	37.6	3.89	112.19	41.4	2.71	2.59
1967	101.84	38.0	2.68	135.89	42.6	3.19	154.95	37.7	4.11	114.49	40.6	2.82	2.71
1968	107.73	37.8	2.85	142.71	42.6	3.35	164.49	37.3	4.41	122.51	40.7	3.01	2.88
1969	114.61	37.7	3.04	154.80	43.0	3.60	181.54	37.9	4.79	129.51	40.6	3.19	3.05
1970	119.83	37.1	3.23	164.40	42.7	3.85	195.45	37.3	5.24	133.33	39.8	3.35	3.23
1971	127.31	36.9	3.45	172.14	42.4	4.06	211.67	37.2	5.69	142.44	39.9	3.57	3.45
1972	136.90	37.0	3.70	189.14	42.6	4.44	221.19	36.5	6.06	154.71	40.5	3.82	3.66
1973	145.39	36.9	3.94	201.40	42.4	4.75	235.89	36.8	6.41	166.46	40.7	4.09	3.91
1974	154.76	36.5	4.24	219.14	41.9	5.23	249.25	36.6	6.81	176.80	40.0	4.42	4.25
1975	163.53	36.1	4.53	249.31	41.9	5.95	266.08	36.4	7.31	190.79	39.5	4.83	4.67
1976	175.45	36.1	4.86	273.90	42.4	6.46	283.73	36.8	7.71	209.32	40.1	5.22	5.02
1977	189.00	36.0	5.25	301.20	43.4	6.94	295.65	36.5	8.10	228.90	40.3	5.68	5.44
1978	203.70	35.8	5.69	332.88	43.4	7.67	318.69	36.8	8.66	249.27	40.4	6.17	5.91
1979	219.91	35.7	6.16	365.07	43.0	8.49	342.99	37.0	9.27	269.34	40.2	6.70	6.43
1980	235.10	35.3	6.66	396.14	43.2	9.17	367.04	37.0	9.92	288.62	39.7	7.27	7.02
1981P	255.20	35.2	7.25	438.62	43.6	10.06	395.60	36.8	10.75	318.00	39.8	7.99	7.71
1980:													
December	247.06	35.6	6.94	422.04	44.1	9.57	384.28	37.2	10.33	314.16	40.8	7.70	7.40
1981:													
January	246.75	35.1	7.03	425.57	43.6	9.77	379.29	36.4	10.42	308.43	39.9	7.73	7.46
February	247.10	35.0	7.06	422.01	42.8	9.86	364.35	35.0	10.41	306.13	39.5	7.75	7.48
March	249.92	35.2	7.10	416.66	42.3	9.85	388.37	37.2	10.44	311.22	39.9	7.80	7.53
April	250.98	35.2	7.13	422.92	43.6	9.70	384.87	36.9	10.43	312.84	39.7	7.88	7.62
May	252.36	35.2	7.17	423.98	43.8	9.68	388.56	36.9	10.53	317.59	40.1	7.92	7.64
June	254.88	35.4	7.20	418.47	42.1	9.94	394.32	37.2	10.60	320.39	40.2	7.97	7.68
July	257.74	35.6	7.24	439.79	43.5	10.11	404.90	37.7	10.74	317.59	39.6	8.02	7.74
August	259.88	35.6	7.30	447.62	44.1	10.15	405.45	37.3	10.87	319.20	39.8	8.02	7.74
September	255.00	35.0	7.40	450.70	43.8	10.29	393.41	35.7	11.02	321.93	39.5	8.15	7.86
October	260.44	35.1	7.42	457.46	44.5	10.28	416.25	37.5	11.10	323.56	39.7	8.15	7.88
November P	261.10	35.0	7.46	458.32	43.9	10.44	427.74	38.7	11.11	324.32	39.6	8.19	7.91
December P	262.24	35.2	7.45	466.82	44.8	10.42	410.69	36.8	11.16	330.40	40.0	8.26	8.00

Year and month	Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services		
1960	–	–	–	$86.01	38.6	$1.71	$75.14	37.2	$2.02	–	–	–
1961	–	–	–	87.41	38.3	1.76	77.12	36.9	2.09	–	–	–
1962	–	–	–	89.91	38.2	1.83	80.94	37.3	2.17	–	–	–
1963	–	–	–	92.01	38.1	1.89	84.38	37.5	2.25	–	–	–
1964	$118.78	41.1	$2.89	94.66	37.9	1.97	85.79	37.3	2.30	$90.03	36.1	$2.44
1965	125.14	41.3	3.03	96.91	37.7	2.04	88.91	37.2	2.39	93.60	35.9	2.05
1966	128.13	41.2	3.11	99.39	37.1	2.14	92.13	37.3	2.47	97.04	35.5	2.17
1967	130.62	40.5	3.23	82.35	36.6	2.25	95.72	37.1	2.58	80.38	35.1	2.29
1968	138.85	40.6	3.42	87.00	36.1	2.41	101.75	37.0	2.75	83.97	34.7	2.42
1969	147.74	40.7	3.63	91.39	35.7	2.56	108.70	37.1	2.93	90.57	34.7	2.61
1970	155.93	40.5	3.85	96.02	35.3	2.72	112.67	36.7	3.07	96.66	34.4	2.81
1971	166.82	40.1	4.21	101.09	35.1	2.88	117.85	36.6	3.22	103.06	33.9	3.04
1972	187.86	40.4	4.65	106.45	34.9	3.05	122.98	36.6	3.36	110.85	33.9	3.27
1973	203.31	40.5	5.02	111.76	34.6	3.23	129.20	36.6	3.53	117.29	33.8	3.47
1974	217.48	40.2	5.41	119.02	34.2	3.48	137.61	36.5	3.77	126.00	33.6	3.75
1975	233.44	39.7	5.88	126.45	33.9	3.73	148.19	36.1	4.06	134.67	33.5	4.02
1976	256.71	39.8	6.45	133.79	33.7	3.97	155.43	36.4	4.27	143.52	33.3	4.31
1977	278.90	38.9	6.99	142.52	33.3	4.28	165.26	36.4	4.54	153.45	33.0	4.65
1978	302.80	40.0	7.57	153.64	32.9	4.67	178.00	36.4	4.89	163.67	32.8	4.99
1979	325.58	39.9	8.16	166.96	32.8	5.09	190.77	36.2	5.27	175.27	32.7	5.36
1980	351.25	39.6	8.87	176.46	32.2	5.48	209.24	36.2	5.78	190.71	32.6	5.85
1981P	382.97	39.4	9.72	190.03	32.1	5.92	228.06	36.2	6.30	208.97	32.6	6.41
1980:												
December	372.00	40.0	9.30	182.65	32.5	5.62	217.80	36.3	6.00	199.51	32.6	6.12
1981:												
January	367.60	39.4	9.33	183.86	31.7	5.80	222.04	36.4	6.10	201.83	32.5	6.21
February	373.28	39.5	9.45	185.13	31.7	5.84	226.04	36.4	6.21	204.40	32.6	6.27
March	371.15	39.4	9.42	186.62	31.9	5.85	225.32	36.4	6.19	205.05	32.6	6.29
April	374.92	39.3	9.54	188.43	32.1	5.87	225.06	36.3	6.20	205.38	32.6	6.30
May	376.89	39.3	9.59	188.48	32.0	5.89	225.26	36.1	6.24	205.73	32.5	6.33
June	383.27	39.8	9.63	190.25	32.3	5.89	225.26	36.1	6.24	206.99	32.7	6.33
July	385.66	39.8	9.69	193.85	32.8	5.91	227.60	36.3	6.27	209.22	33.0	6.34
August	390.66	39.5	9.89	194.83	32.8	5.94	231.23	36.3	6.37	210.89	32.9	6.41
September	390.82	39.2	9.97	194.49	32.2	6.04	229.68	36.0	6.38	210.92	32.4	6.51
October	389.44	39.1	9.96	191.40	31.9	6.00	232.40	36.2	6.42	213.53	32.5	6.57
November P	395.36	39.3	10.06	192.36	31.9	6.03	236.02	36.2	6.52	216.45	32.5	6.66
December P	397.15	39.4	10.08	193.20	32.2	6.00	234.58	36.2	6.48	216.45	32.5	6.65

[1] For coverage of series, see footnote 1, table B-2.

P = preliminary.

NOTE: Data from April 1980 forward are subject to revision when more recent benchmark data are introduced. See "Benchmark adjustment" in the Explanatory notes of this publication.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Nov. 1980	Dec. 1980	Oct. 1981	Nov. 1981P	Dec. 1981P	Nov. 1980	Dec. 1980	Oct. 1981	Nov. 1981P	Dec. 1981P
	TOTAL PRIVATE	$244.28	$247.06	$260.44	$261.10	$262.24	$6.92	$6.94	$7.42	$7.46	$7.45
	MINING	413.76	422.04	457.46	458.32	466.82	9.49	9.57	10.28	10.44	10.42
10	METAL MINING	439.93	454.20	475.14	479.07	-	10.73	10.84	12.09	12.19	-
101	Iron ores	429.77	459.65	470.87	482.67	-	11.43	11.52	12.59	13.01	-
102	Copper ores	481.50	496.32	503.89	501.43	-	11.25	11.28	12.26	12.26	-
11, 12	COAL MINING	451.85	456.96	520.88	516.67	-	11.24	11.20	12.17	12.42	-
12	BITUMINOUS COAL AND LIGNITE MINING	453.05	456.18	522.16	518.34	-	11.27	11.23	12.20	12.46	-
13	OIL AND GAS EXTRACTION	404.93	415.77	442.13	447.53	-	8.88	8.98	9.57	9.75	-
131, 2	Crude petroleum, natural gas, and natural gas liquids	410.02	418.51	453.60	458.58	-	9.88	10.07	10.93	11.05	-
138	Oil and gas field services	402.79	414.34	438.36	444.15	-	8.57	8.65	9.19	9.39	-
14	NONMETALLIC MINERALS, EXCEPT FUELS	347.16	347.25	369.77	365.08	-	7.89	7.91	8.52	8.51	-
142	Crushed and broken stone	331.52	334.80	355.88	358.48	-	7.40	7.44	8.20	8.26	-
	CONSTRUCTION	376.83	384.28	416.25	407.78	410.69	10.24	10.33	11.10	11.11	11.16
15	GENERAL BUILDING CONTRACTORS	339.19	343.40	362.91	359.92	-	9.37	9.46	9.97	9.97	-
152	Residential building construction	314.18	319.15	330.48	326.56	-	8.85	8.99	9.18	9.21	-
153	Operative builders	298.29	301.35	302.38	293.34	-	8.15	8.19	8.47	8.31	-
154	Nonresidential building construction	367.52	370.63	400.73	397.44	-	9.96	9.99	10.86	10.80	-
16	HEAVY CONSTRUCTION CONTRACTORS	385.20	386.16	439.27	436.97	-	9.63	9.63	10.74	10.87	-
161	Highway and street construction	363.78	344.20	407.22	389.03	-	8.96	8.67	10.03	9.75	-
162	Heavy construction, except highway	394.22	402.60	452.92	456.12	-	9.93	9.99	11.02	11.29	-
17	SPECIAL TRADE CONTRACTORS	393.82	404.42	432.16	419.72	-	10.97	11.08	11.84	11.79	-
171	Plumbing, heating, air conditioning	412.92	427.83	443.87	430.98	-	11.10	11.16	11.90	11.84	-
172	Painting, paper hanging, decorating	344.09	352.25	381.22	362.89	-	10.15	10.21	10.83	10.58	-
173	Electrical work	455.10	479.80	506.34	490.03	-	12.30	12.43	13.36	13.28	-
174	Masonry, stonework, and plastering	367.05	366.58	394.19	385.32	-	10.67	10.75	11.36	11.40	-
175	Carpentering and flooring	340.60	342.66	370.28	361.20	-	9.93	9.99	10.46	10.50	-
176	Roofing and sheet metal work	321.60	316.77	353.28	356.02	-	9.60	9.57	10.36	10.41	-
	MANUFACTURING	305.52	310.16	323.56	324.32	330.40	7.60	7.70	8.15	8.19	8.26
24, 25, 32-39	DURABLE GOODS	330.08	341.55	349.27	350.00	357.62	8.11	8.23	8.71	8.75	8.83
20-23, 26, 31	NONDURABLE GOODS	268.71	274.91	286.99	288.95	292.39	6.82	6.89	7.34	7.39	7.44
	DURABLE GOODS										
24	LUMBER AND WOOD PRODUCTS	264.99	267.58	270.84	267.34	271.98	6.76	6.78	7.09	7.11	7.12
241	Logging camps and logging contractors	333.90	323.67	363.48	356.52	-	8.81	8.54	9.32	9.41	-
242	Sawmills and planing mills	275.41	283.50	280.24	271.88	-	6.99	7.00	7.26	7.25	-
2421	Sawmills and planing mills, general	289.93	298.82	294.14	285.36	-	7.34	7.36	7.64	7.63	-
2426	Hardwood dimension and flooring	191.66	157.56	200.46	200.33	-	4.84	4.90	5.14	5.19	-
243	Millwork, plywood, and structural members	264.80	266.00	258.75	258.49	-	6.67	6.65	6.90	6.93	-
2431	Millwork	264.54	266.79	271.74	271.03	-	6.63	6.62	7.17	7.17	-
2434	Wood kitchen cabinets	227.71	238.39	226.32	232.13	-	6.04	6.16	6.15	6.24	-
2435	Hardwood veneer and plywood	210.71	219.03	215.17	211.75	-	5.19	5.29	5.42	5.50	-
2436	Softwood veneer and plywood	336.15	321.05	303.36	301.32	-	8.30	8.19	8.45	8.37	-
244	Wood containers	191.86	198.60	209.44	210.27	-	5.13	5.24	5.44	5.49	-
245	Wood buildings and mobile homes	236.25	232.13	229.39	228.55	-	6.25	6.24	6.48	6.53	-
2451	Mobile homes	230.89	228.17	226.40	226.98	-	6.19	6.15	6.45	6.43	-
249	Miscellaneous wood products	225.28	231.49	238.79	239.95	-	5.59	5.66	6.03	6.09	-
25	FURNITURE AND FIXTURES	216.19	225.72	233.53	231.11	238.46	5.63	5.70	6.05	6.05	6.13
251	Household furniture	200.17	209.61	214.12	210.56	-	5.24	5.32	5.62	5.60	-
2511	Wood household furniture	188.37	194.13	201.76	200.33	-	4.83	4.89	5.20	5.19	-
2512	Upholstered household furniture	208.87	226.37	224.03	215.88	-	5.63	5.76	5.99	5.98	-
2514	Metal household furniture	209.50	213.79	231.21	231.07	-	5.47	5.51	5.99	5.94	-
2515	Mattresses and bedsprings	213.96	222.05	219.75	215.14	-	5.83	5.89	6.19	6.20	-
252	Office furniture	242.53	254.61	263.56	264.11	-	6.14	6.21	6.54	6.57	-
253	Public building and related furniture	238.73	247.23	271.26	274.11	-	6.09	6.15	6.85	6.87	-
254	Partitions and fixtures	266.34	271.44	279.65	277.92	-	6.90	6.96	7.19	7.20	-
259	Miscellaneous furniture and fixtures	244.05	258.08	274.11	276.01	-	6.29	6.42	6.87	6.97	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Nov. 1980	Dec. 1980	Oct. 1981	Nov. 1981P	Dec. 1981P	Nov. 1980	Dec. 1980	Oct. 1981	Nov. 1981P	Dec. 1981P
–	TOTAL PRIVATE	35.3	35.6	35.1	35.0	35.2	–	–	–	–	–
–	MINING	43.6	44.1	44.5	43.9	44.8	–	–	–	–	–
10	METAL MINING	41.0	41.9	39.3	39.3	–	–	–	–	–	–
101	Iron ores	37.6	39.9	37.4	37.1	–	–	–	–	–	–
102	Copper ores	42.8	44.0	41.1	40.9	–	–	–	–	–	–
11, 12	COAL MINING	40.2	40.8	42.8	41.6	–	–	–	–	–	–
12	BITUMINOUS COAL AND LIGNITE MINING	40.2	40.8	42.8	41.6	–	–	–	–	–	–
13	OIL AND GAS EXTRACTION	45.6	46.3	46.2	45.9	–	–	–	–	–	–
131, 2	Crude petroleum, natural gas, and natural gas liquids	41.5	41.6	41.5	41.5	–	–	–	–	–	–
138	Oil and gas field services	47.0	47.9	47.7	47.3	–	–	–	–	–	–
14	NONMETALLIC MINERALS, EXCEPT FUELS	44.0	43.9	43.4	42.9	–	–	–	–	–	–
142	Crushed and broken stone	44.8	45.0	43.4	43.4	–	–	–	–	–	–
–	CONSTRUCTION	36.8	37.2	37.5	36.7	36.8	–	–	–	–	–
15	GENERAL BUILDING CONTRACTORS	36.2	36.3	36.4	36.1	–	–	–	–	–	–
152	Residential building construction	35.5	35.5	36.0	35.5	–	–	–	–	–	–
153	Operative builders	36.4	36.8	35.7	35.3	–	–	–	–	–	–
154	Nonresidential building construction	36.9	37.1	36.9	36.8	–	–	–	–	–	–
16	HEAVY CONSTRUCTION CONTRACTORS	40.0	40.1	40.9	40.2	–	–	–	–	–	–
161	Highway and street construction	40.6	39.7	40.6	39.9	–	–	–	–	–	–
162	Heavy construction, except highway	39.7	40.3	41.1	40.4	–	–	–	–	–	–
17	SPECIAL TRADE CONTRACTORS	35.9	36.5	36.5	35.6	–	–	–	–	–	–
171	Plumbing, heating, air conditioning	37.2	38.3	37.3	36.4	–	–	–	–	–	–
172	Painting, paper hanging, decorating	33.9	34.5	35.2	34.3	–	–	–	–	–	–
173	Electrical work	37.0	38.6	37.9	36.9	–	–	–	–	–	–
174	Masonry, stonework, and plastering	34.4	34.1	34.7	33.8	–	–	–	–	–	–
175	Carpentering and flooring	34.3	34.3	35.4	34.4	–	–	–	–	–	–
176	Roofing and sheet metal work	33.5	33.1	34.1	34.2	–	–	–	–	–	–
–	MANUFACTURING	40.2	40.8	39.7	39.6	40.0	3.1	3.3	2.8	2.6	2.6
24, 25, 32-39	DURABLE GOODS	40.7	41.5	40.1	40.0	40.5	3.1	3.4	2.7	2.5	2.6
20-23, 26-31	NONDURABLE GOODS	39.8	39.9	39.1	39.1	39.3	3.0	3.1	2.9	2.8	2.6
	DURABLE GOODS										
24	LUMBER AND WOOD PRODUCTS	39.2	39.7	38.2	37.6	38.2	3.0	3.1	2.3	2.1	–
241	Logging camps and logging contractors	37.9	37.9	39.0	38.1	–	3.4	3.6	3.9	3.5	–
242	Sawmills and planing mills	39.4	40.5	38.6	37.5	–	3.5	3.7	2.7	2.5	–
2421	Sawmills and planing mills, general	39.5	40.6	38.5	37.4	–	3.7	3.9	2.8	2.6	–
2426	Hardwood dimension and flooring	39.6	40.4	39.0	38.6	–	2.6	3.1	2.2	2.1	–
243	Millwork, plywood, and structural members	39.7	40.0	37.5	37.3	–	2.9	2.9	1.6	1.5	–
2431	Millwork	39.9	40.3	37.9	37.8	–	2.5	2.6	1.2	1.0	–
2434	Wood kitchen cabinets	37.7	38.7	36.8	37.2	–	1.5	1.8	1.1	1.3	–
2435	Hardwood veneer and plywood	40.6	41.8	39.7	38.5	–	3.5	3.9	2.6	2.1	–
2436	Softwood veneer and plywood	40.5	35.2	35.9	36.0	–	4.2	3.7	2.0	1.9	–
244	Wood containers	37.4	37.9	38.5	38.3	–	1.7	2.0	2.2	2.2	–
245	Wood buildings and mobile homes	37.8	37.2	35.4	35.0	–	2.1	1.8	1.0	.8	–
2451	Mobile homes	37.3	37.1	35.1	35.3	–	1.8	1.6	.8	.7	–
249	Miscellaneous wood products	40.3	40.9	39.6	39.4	–	3.0	3.2	2.5	2.3	–
25	FURNITURE AND FIXTURES	38.4	39.6	38.6	38.2	38.9	1.7	2.2	2.0	1.5	–
251	Household furniture	38.2	39.4	38.1	37.6	–	1.6	2.1	1.7	1.4	–
2511	Wood household furniture	39.0	39.7	38.8	38.6	–	1.8	2.1	2.0	1.6	–
2512	Upholstered household furniture	37.1	39.3	37.4	36.1	–	1.2	1.9	1.2	.9	–
2514	Metal household furniture	38.3	38.8	38.6	38.9	–	1.9	2.5	1.8	1.8	–
2515	Mattresses and bedsprings	36.7	37.7	35.5	34.7	–	1.5	1.9	1.3	.9	–
252	Office furniture	39.5	41.0	40.3	40.2	–	2.4	3.1	2.9	2.5	–
253	Public building and related furniture	39.2	40.2	39.6	39.9	–	2.0	3.2	2.4	1.7	–
254	Partitions and fixtures	38.6	39.0	38.9	38.6	–	2.0	2.3	2.7	1.9	–
259	Miscellaneous furniture and fixtures	38.8	40.2	39.9	39.6	–	1.2	1.8	1.7	1.1	–

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Nov. 1980	Dec. 1980	Oct. 1981	Nov. 1981P	Dec. 1981P	Nov. 1980	Dec. 1980	Oct. 1981	Nov. 1981P	Dec. 1981P
32	STONE, CLAY, AND GLASS PRODUCTS	$323.33	$325.73	$340.25	$347.17	$347.09	$7.81	$7.83	$8.50	$8.53	$8.57
321	Flat glass	439.93	486.74	463.68	472.34	-	10.16	10.49	11.04	11.14	-
322	Glass and glassware, pressed or blown	333.32	340.31	365.65	369.33	-	8.23	8.28	8.94	9.03	-
3221	Glass containers	353.46	362.82	388.22	387.04	-	8.60	8.68	9.40	9.44	-
3229	Pressed and blown glass, nec	305.32	309.94	335.72	345.14	-	7.71	7.71	8.31	8.48	-
323	Products of purchased glass	289.80	284.56	310.54	303.56	-	6.90	6.89	7.63	7.57	-
324	Cement, hydraulic	470.26	465.88	506.62	527.81	-	11.17	11.03	12.12	12.39	-
325	Structural clay products	259.37	259.03	281.40	277.50	-	6.42	6.38	7.00	6.99	-
326	Pottery and related products	262.25	262.42	268.88	276.19	-	6.54	6.61	6.93	7.01	-
327	Concrete, gypsum, and plaster products	328.74	322.40	344.76	343.17	-	7.79	7.75	8.45	8.37	-
3271	Concrete block and brick	304.50	303.46	326.80	316.30	-	7.00	6.96	7.53	7.46	-
3272	Concrete products, nec	289.80	292.07	313.50	310.84	-	6.90	6.84	7.50	7.49	-
3273	Ready-mixed concrete	356.49	340.69	371.84	368.80	-	8.59	8.63	9.39	9.22	-
329	Misc. nonmetallic mineral products	318.24	324.52	336.00	340.17	-	7.65	7.69	8.40	8.42	-
3291	Abrasive products	297.82	314.18	325.60	324.39	-	7.19	7.41	8.14	8.13	-
3292	Asbestos products	316.47	322.70	342.26	336.71	-	7.70	7.72	8.43	8.46	-
33	PRIMARY METAL INDUSTRIES	419.83	430.98	434.41	439.56	437.73	10.29	10.36	10.97	11.10	11.11
331	Blast furnace and basic steel products	482.00	486.37	499.87	508.67	-	11.99	11.95	12.85	13.11	-
3312	Blast furnaces and steel mills	498.40	502.61	516.85	524.54	-	12.46	12.41	13.39	13.66	-
3317	Steel pipe and tubes	397.58	403.66	418.00	432.00	-	9.65	9.69	10.22	10.46	-
332	Iron and steel foundries	353.22	373.01	354.35	354.88	-	8.70	8.86	9.18	9.17	-
3321	Gray iron foundries	361.49	385.05	356.96	358.27	-	8.86	9.06	9.32	9.33	-
3322	Malleable iron foundries	367.99	384.50	364.93	369.64	-	9.46	9.31	9.81	9.91	-
3325	Steel foundries, nec	338.62	349.43	347.11	344.36	-	8.32	8.42	8.81	8.74	-
333	Primary nonferrous metals	469.37	477.70	510.87	515.01	-	11.07	11.32	12.43	12.47	-
3334	Primary aluminum	494.91	515.73	544.07	537.95	-	11.84	12.25	13.11	13.25	-
335	Nonferrous rolling and drawing	396.44	410.83	406.13	405.28	-	9.35	9.51	9.81	9.91	-
3351	Copper rolling and drawing	343.36	360.66	351.88	350.10	-	8.06	8.22	8.52	8.56	-
3353	Aluminum sheet, plate, and foil	497.52	524.78	527.07	538.48	-	11.49	11.74	12.67	12.70	-
3357	Nonferrous wire drawing and insulating	373.09	380.03	376.41	379.64	-	8.82	8.90	9.07	9.17	-
336	Nonferrous foundries	308.30	322.51	326.83	328.43	-	7.65	7.79	8.13	8.17	-
3361	Aluminum foundries	320.72	336.68	336.10	337.28	-	7.88	8.04	8.34	8.39	-
34	FABRICATED METAL PRODUCTS	317.79	327.81	336.44	336.80	345.47	7.77	7.88	8.39	8.42	8.53
341	Metal cans and shipping containers	441.23	461.44	479.09	488.57	-	10.19	10.30	11.09	11.18	-
3411	Metal cans	456.32	482.76	499.10	505.38	-	10.49	10.61	11.50	11.55	-
342	Cutlery, hand tools, and hardware	300.24	304.16	314.81	313.61	-	7.45	7.51	7.99	7.98	-
3423, 5	Hand and edge tools, and hand saws and blades	284.49	285.60	296.68	300.60	-	7.13	7.14	7.53	7.61	-
3429	Hardware, nec	319.16	324.79	329.78	324.53	-	7.90	7.98	8.37	8.30	-
343	Plumbing and heating, except electric	271.37	283.97	295.89	290.64	-	6.87	6.96	7.51	7.51	-
3432	Plumbing fittings and brass goods	264.65	277.28	280.53	272.37	-	6.70	6.73	7.12	7.13	-
3433	Heating equipment, except electric	261.89	272.56	293.53	292.04	-	6.63	6.78	7.45	7.45	-
344	Fabricated structural metal products	306.82	315.12	333.73	336.18	-	7.52	7.63	8.22	8.26	-
3441	Fabricated structural metal	326.93	335.02	359.87	353.05	-	7.84	7.92	8.63	8.59	-
3442	Metal doors, sash, and trim	248.06	251.53	257.01	261.22	-	6.08	6.18	6.59	6.63	-
3443	Fabricated plate work (boiler shops)	350.70	352.37	370.72	374.59	-	8.37	8.43	9.02	9.07	-
3444	Sheet metal work	294.36	306.60	329.57	331.57	-	7.49	7.67	8.26	8.31	-
3446	Architectural metal work	284.52	296.90	313.80	327.96	-	7.06	7.12	7.71	7.79	-
345	Screw machine products, bolts, etc.	297.66	305.44	317.59	317.59	-	7.26	7.36	7.92	7.92	-
3451	Screw machine products	262.68	269.33	294.06	294.80	-	6.65	6.75	7.37	7.37	-
3452	Bolts, nuts, rivets, and washers	331.93	340.13	341.74	340.45	-	7.81	7.91	8.48	8.49	-
346	Metal forgings and stampings	372.37	389.58	381.52	378.81	-	9.06	9.21	9.61	9.59	-
3462	Iron and steel forgings	377.85	397.55	402.51	415.27	-	9.59	9.72	10.19	10.33	-
3465	Automotive stampings	461.32	492.31	466.80	451.56	-	11.01	11.24	11.67	11.49	-
3469	Metal stampings, nec	284.00	291.07	294.62	294.71	-	6.91	6.98	7.44	7.48	-
347	Metal services, nec	253.79	263.13	263.21	262.69	-	6.16	6.31	6.63	6.70	-
3471	Plating and polishing	242.20	253.53	263.61	261.46	-	6.04	6.26	6.64	6.67	-
3479	Metal coating and allied services	278.84	284.60	262.68	265.67	-	6.41	6.41	6.60	6.76	-
348	Ordnance and accessories, nec	320.12	323.70	341.60	345.20	-	7.77	7.80	8.54	8.63	-
3483	Ammunition, exc. for small arms, nec	285.12	288.05	305.37	312.05	-	7.04	7.06	7.81	7.88	-
349	Misc. fabricated metal products	296.46	306.36	315.61	317.20	-	7.32	7.40	7.93	8.01	-
3494	Valves and pipe fittings	319.35	328.55	340.09	343.71	-	7.77	7.86	8.46	8.55	-
3496	Misc. fabricated wire products	262.52	272.30	267.44	270.18	-	6.45	6.53	6.84	6.91	-
35	MACHINERY, EXCEPT ELECTRICAL	346.09	358.70	367.43	372.19	381.80	8.38	8.50	9.05	9.10	9.20
351	Engines and turbines	407.15	425.52	445.50	443.12	-	10.23	10.40	11.25	11.19	-
3511	Turbines and turbine generator sets	397.82	411.52	420.21	428.70	-	9.54	9.66	10.35	10.33	-
3519	Internal combustion engines, nec	410.16	436.40	453.92	448.11	-	10.49	10.67	11.55	11.49	-
352	Farm and garden machinery	373.32	390.73	388.27	389.35	-	9.38	9.53	9.78	9.78	-
3523	Farm machinery and equipment	391.55	412.67	405.38	400.86	-	9.78	9.92	10.16	10.20	-
353	Construction and related machinery	371.21	388.88	408.53	413.17	-	9.01	9.15	9.94	9.98	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Nov. 1980	Dec. 1980	Oct. 1981	Nov. 1981P	Dec. 1981P	Nov. 1980	Dec. 1980	Oct. 1981	Nov. 1981P	Dec. 1981P
32	STONE, CLAY, AND GLASS PRODUCTS	41.4	41.6	40.5	40.7	40.5	4.1	3.9	3.8	3.6	-
321	Flat glass	43.3	46.4	42.0	42.4	-	4.5	4.5	3.4	3.2	-
322	Glass and glassware, pressed or blown	40.5	41.1	40.9	40.9	-	3.8	4.0	4.3	4.2	-
3221	Glass containers	41.1	41.8	41.3	41.0	-	4.3	4.6	5.1	5.0	-
3229	Pressed and blown glass, nec	39.6	40.2	40.4	40.7	-	3.2	3.2	3.3	3.2	-
323	Products of purchased glass	42.0	41.3	40.7	40.1	-	4.0	3.7	3.1	2.6	-
324	Cement, hydraulic	42.1	42.6	41.8	42.6	-	3.2	3.6	3.1	3.1	-
325	Structural clay products	40.4	40.6	40.2	39.7	-	3.2	3.1	3.0	2.9	-
326	Pottery and related products	40.1	39.7	38.8	39.4	-	2.9	2.6	2.2	2.1	-
327	Concrete, gypsum, and plaster products	42.2	41.6	40.8	41.0	-	5.3	4.8	4.8	4.6	-
3271	Concrete block and brick	43.5	43.6	43.4	42.4	-	5.5	5.1	4.6	4.4	-
3272	Concrete products, nec	42.0	42.7	41.8	41.5	-	4.6	4.5	4.7	4.5	-
3273	Ready-mixed concrete	41.5	35.5	39.6	40.0	-	5.5	4.5	4.9	4.8	-
329	Misc. nonmetallic mineral products	41.6	42.2	40.0	40.4	-	3.5	3.5	3.0	2.9	-
3291	Abrasive products	40.3	42.4	40.0	39.9	-	2.8	3.4	2.6	2.3	-
3292	Asbestos products	41.1	41.8	40.6	39.8	-	3.1	3.2	2.6	2.2	-
33	PRIMARY METAL INDUSTRIES	40.8	41.6	39.6	39.6	39.4	3.1	3.4	2.6	2.4	-
331	Blast furnace and basic steel products	40.2	40.7	38.9	38.8	-	2.4	2.6	2.2	1.9	-
3312	Blast furnaces and steel mills	40.0	40.5	38.6	38.4	-	2.3	2.4	2.1	1.8	-
3317	Steel pipe and tubes	41.2	41.7	40.9	41.3	-	3.4	3.8	2.8	2.6	-
332	Iron and steel foundries	40.6	42.1	38.6	38.7	-	3.1	3.7	2.5	2.3	-
3321	Gray iron foundries	40.8	42.5	38.3	38.4	-	3.1	3.7	2.4	2.3	-
3322	Malleable iron foundries	38.9	41.3	37.2	37.3	-	2.5	2.9	2.0	1.8	-
3325	Steel foundries, nec	40.7	41.5	39.4	39.4	-	3.4	4.0	2.7	2.3	-
333	Primary nonferrous metals	42.4	42.2	41.1	41.3	-	4.0	3.7	3.1	2.9	-
3334	Primary aluminum	41.8	42.1	41.5	40.6	-	3.8	3.8	3.3	3.0	-
335	Nonferrous rolling and drawing	42.4	43.2	41.4	41.3	-	4.7	5.2	3.8	3.5	-
3351	Copper rolling and drawing	42.6	43.9	41.3	40.9	-	4.8	5.3	4.1	3.4	-
3353	Aluminum sheet, plate and foil	43.3	44.7	41.6	42.4	-	5.9	6.6	4.2	4.0	-
3357	Nonferrous wire drawing and insulating	42.3	42.7	41.5	41.4	-	4.7	5.3	4.1	3.8	-
336	Nonferrous foundries	40.3	41.4	40.2	40.2	-	2.5	3.1	2.5	2.3	-
3361	Aluminum foundries	40.7	41.9	40.3	40.2	-	2.7	3.3	2.6	2.5	-
34	FABRICATED METAL PRODUCTS	40.9	41.6	40.1	40.0	40.5	3.0	3.3	2.7	2.4	-
341	Metal cans and shipping containers	43.3	44.8	43.2	43.7	-	3.9	4.1	4.1	4.0	-
3411	Metal cans	43.5	45.5	43.4	44.1	-	3.7	4.1	4.1	4.0	-
342	Cutlery, hand tools, and hardware	40.3	40.5	39.4	39.3	-	2.8	2.8	2.1	1.7	-
3423, 5	Hand and edge tools, and hand saws and blades	39.9	40.0	39.4	39.5	-	2.2	2.3	1.9	1.8	-
3429	Hardware, nec	40.4	40.7	39.4	39.1	-	3.0	3.2	2.1	1.5	-
343	Plumbing and heating, except electric	39.5	40.8	39.4	38.7	-	2.3	2.9	1.7	1.3	-
3432	Plumbing fittings and brass goods	39.5	41.2	39.4	38.2	-	1.7	2.7	1.4	1.0	-
3433	Heating equipment, except electric	39.5	40.2	39.4	39.2	-	2.8	3.1	1.8	1.6	-
344	Fabricated structural metal products	40.8	41.3	40.6	40.7	-	3.0	3.3	2.9	2.7	-
3441	Fabricated structural metal	41.7	42.3	41.7	41.1	-	3.5	3.6	3.2	2.9	-
3442	Metal doors, sash, and trim	40.8	40.7	39.0	39.4	-	3.1	3.1	2.2	2.3	-
3443	Fabricated plate work (boiler shops)	41.9	41.8	41.1	41.3	-	3.4	3.5	3.3	3.3	-
3444	Sheet metal work	39.3	40.0	39.9	39.9	-	2.3	2.8	2.7	2.5	-
3446	Architectural metal work	40.3	41.7	40.7	42.1	-	2.8	3.1	2.1	2.3	-
345	Screw machine products, bolts, etc.	41.0	41.5	40.1	40.1	-	3.3	3.5	2.8	2.4	-
3451	Screw machine products	39.5	39.9	39.9	40.0	-	2.8	3.0	2.8	2.5	-
3452	Bolts, nuts, rivets, and washers	42.5	43.0	40.3	40.1	-	3.9	4.1	2.8	2.3	-
346	Metal forgings and stampings	41.1	42.3	39.7	39.5	-	3.5	3.8	2.6	2.1	-
3462	Iron and steel forgings	39.4	40.9	39.5	40.2	-	2.9	3.5	2.5	2.7	-
3465	Automotive stampings	41.9	43.8	40.0	35.3	-	4.4	4.4	3.0	1.9	-
3469	Metal stampings, nec	41.1	41.7	39.6	39.4	-	2.9	3.2	2.3	2.1	-
347	Metal services, nec	41.2	41.7	39.7	39.2	-	2.3	2.9	2.6	2.3	-
3471	Plating and polishing	40.1	40.5	39.7	39.2	-	3.0	3.5	2.9	2.4	-
3479	Metal coating and allied services	43.5	44.4	39.8	39.3	-	.9	1.5	2.	2.1	-
348	Ordnance and accessories, nec	41.2	41.5	40.0	40.0	-	3.1	3.1	2.7	2.7	-
3483	Ammunition, exc. for small arms, nec	40.5	40.8	39.1	39.6	-	2.3	2.4	2.5	2.3	-
349	Misc. fabricated metal products	40.5	41.0	39.8	39.6	-	2.7	3.1	2.7	2.5	-
3494	Valves and pipe fittings	41.1	41.8	40.2	40.2	-	3.2	3.6	3.0	2.7	-
3496	Misc. fabricated wire products	40.7	41.7	39.1	39.1	-	2.6	2.8	2.3	1.8	-
35	MACHINERY, EXCEPT ELECTRICAL	41.3	42.2	40.6	40.9	41.5	3.3	3.8	3.1	3.0	-
351	Engines and turbines	39.8	41.3	39.6	39.6	-	2.6	3.7	2.4	1.9	-
3511	Turbines and turbine generator sets	41.7	42.6	40.6	41.5	-	4.5	4.8	3.8	3.7	-
3519	Internal combustion engines, nec	39.1	40.9	39.3	39.0	-	1.9	3.3	2.0	1.3	-
352	Farm and garden machinery	39.8	41.0	39.7	39.3	-	2.9	3.8	2.7	1.9	-
3523	Farm machinery and equipment	40.2	41.6	39.9	39.3	-	3.2	4.3	2.9	2.1	-
353	Construction and related machinery	41.2	42.5	41.1	41.4	-	2.8	3.6	3.3	3.3	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Nov. 1980	Dec. 1980	Oct. 1981	Nov. 1981P	Dec. 1981P	Nov. 1980	Dec. 1980	Oct. 1981	Nov. 1981P	Dec. 1981P
	MACHINERY, EXCEPT ELECTRICAL—Continued										
3531	Construction machinery	$391.22	$403.57	$442.73	$448.48	-	$9.98	$10.15	$11.18	$11.24	-
3532	Mining machinery	370.66	384.93	387.00	355.40	-	8.91	9.10	10.00	10.01	-
3533	Oil field machinery	389.08	409.62	427.05	431.61	-	8.57	8.66	9.49	9.57	-
3535	Conveyors and conveying equipment	315.59	336.20	335.87	332.50	-	8.01	8.22	8.59	8.44	-
3537	Industrial trucks and tractors	316.34	328.84	337.36	341.33	-	8.07	8.18	8.74	8.82	-
354	Metalworking machinery	361.25	372.82	376.48	381.61	-	8.52	8.63	9.16	9.24	-
3541	Machine tools, metal cutting types	383.24	401.40	387.35	396.98	-	8.71	8.92	9.38	9.52	-
3542	Machine tools, metal forming types	357.06	359.31	371.33	381.42	-	8.73	8.85	9.67	9.73	-
3544	Special dies, tools, jigs, and fixtures	385.58	400.68	405.84	408.92	-	9.03	9.19	9.64	9.69	-
3545	Machine tool accessories	319.46	328.02	338.92	340.90	-	7.83	7.81	8.41	8.48	-
3546	Power driven hand tools	273.82	279.18	291.91	299.25	-	6.63	6.60	7.39	7.50	-
355	Special industry machinery	325.68	337.45	342.23	345.32	-	7.81	7.94	8.45	8.52	-
3551	Food products machinery	341.50	358.50	345.84	355.20	-	8.37	8.45	8.80	8.88	-
3552	Textile machinery	259.75	268.60	270.64	276.98	-	6.32	6.38	6.80	6.89	-
3555	Printing trades machinery	350.40	361.35	360.76	368.88	-	8.00	8.25	8.61	8.70	-
356	General industrial machinery	344.02	355.75	361.89	367.11	-	8.35	8.43	8.98	9.02	-
3561	Pumps and pumping equipment	334.43	351.92	366.11	372.78	-	8.34	8.48	9.13	9.25	-
3562	Ball and roller bearings	352.80	368.63	366.03	370.35	-	8.40	8.46	8.82	8.86	-
3563	Air and gas compressors	373.24	378.45	404.46	392.35	-	8.68	8.72	9.63	9.50	-
3564	Blowers and fans	317.26	326.50	333.23	336.96	-	7.59	7.62	8.31	8.32	-
3566	Speed changers, drivers, and gears	379.22	391.07	391.15	395.60	-	9.16	9.18	9.73	9.72	-
3568	Power transmission equipment, nec	326.41	342.38	333.88	345.20	-	8.14	8.27	8.41	8.44	-
357	Office and computing machines	298.45	301.86	316.36	322.21	-	7.11	7.17	7.66	7.69	-
3573	Electronic computing equipment	293.30	300.90	319.01	324.02	-	7.00	7.08	7.65	7.66	-
358	Refrigeration and service machinery	311.40	322.46	336.94	340.66	-	7.67	7.77	8.34	8.37	-
3585	Refrigeration and heating equipment	322.26	332.35	333.78	335.81	-	7.86	7.97	8.45	8.48	-
359	Misc. machinery, except electrical	335.79	346.11	350.61	355.19	-	8.17	8.30	8.70	8.77	-
3592	Carburetors, pistons, rings, valves	423.00	447.55	403.52	417.20	-	10.00	10.36	10.19	10.43	-
3599	Machinery, except electrical, nec	321.47	328.72	341.78	345.51	-	7.86	7.94	8.46	8.51	-
36	ELECTRIC AND ELECTRONIC EQUIPMENT	293.71	302.58	312.82	312.83	$321.59	7.27	7.38	7.84	7.86	$7.98
361	Electric distributing equipment	292.82	303.88	306.88	305.35	-	7.23	7.34	7.73	7.75	-
3612	Transformers	289.46	297.32	303.46	297.11	-	7.06	7.13	7.53	7.56	-
3613	Switchgear and switchboard apparatus	295.47	307.84	310.08	311.26	-	7.35	7.49	7.89	7.90	-
362	Electrical industrial apparatus	304.71	314.08	320.80	323.61	-	7.45	7.55	7.98	8.05	-
3621	Motors and generators	308.18	320.04	315.97	320.78	-	7.48	7.62	7.86	7.94	-
3622	Industrial controls	296.21	304.55	319.20	325.22	-	7.35	7.41	8.02	8.09	-
363	Household appliances	286.31	292.07	297.22	292.56	-	7.23	7.32	7.68	7.55	-
3632	Household refrigerators and freezers	336.61	345.68	343.80	296.70	-	8.21	8.37	9.00	8.91	-
3633	Household laundry equipment	336.18	338.69	346.14	312.56	-	8.62	8.64	9.28	9.22	-
3634	Electric housewares and fans	230.49	228.34	237.90	236.50	-	5.85	5.87	6.10	6.24	-
364	Electric lighting and wiring equipment	268.67	274.32	288.35	290.54	-	6.70	6.79	7.30	7.30	-
3641	Electric lamps	299.43	300.85	336.60	337.82	-	7.43	7.54	8.25	8.16	-
3643	Current carrying wiring devices	255.19	257.81	273.83	278.90	-	6.27	6.35	6.95	6.99	-
3644	Noncurrent carrying wiring devices	282.69	294.27	294.32	299.25	-	6.98	7.04	7.47	7.50	-
3645	Residential lighting fixtures	199.54	207.34	218.31	215.55	-	5.21	5.33	5.70	5.81	-
365	Radio and TV receiving equipment	263.59	285.48	293.78	300.09	-	6.69	6.98	7.40	7.54	-
3651	Radio and TV receiving sets	274.03	290.24	301.75	308.87	-	6.92	7.22	7.62	7.78	-
366	Communication equipment	338.65	348.19	371.08	371.90	-	8.28	8.39	9.14	9.16	-
3661	Telephone and telegraph apparatus	356.47	366.74	355.91	391.64	-	8.78	8.88	9.68	9.67	-
3662	Radio and TV communication equipment	326.33	335.71	356.81	359.31	-	7.94	8.07	8.81	8.85	-
367	Electronic components and accessories	251.60	258.45	269.05	272.28	-	6.29	6.35	6.76	6.79	-
3671-3	Electronic tubes	326.88	337.50	337.39	344.21	-	7.82	7.96	8.52	8.52	-
3674	Semiconductors and related devices	288.56	298.69	309.91	311.08	-	7.09	7.18	7.69	7.70	-
3679	Electronic components, nec	234.80	238.17	251.77	257.35	-	5.87	5.91	6.31	6.37	-
369	Misc. electrical equipment and supplies	355.21	368.88	360.53	359.96	-	8.58	8.70	8.88	8.91	-
3691	Storage batteries	359.13	359.54	377.16	369.56	-	8.49	8.52	8.98	8.97	-
3694	Engine electrical equipment	390.32	411.40	382.97	381.62	-	9.52	9.68	9.72	9.76	-
37	TRANSPORTATION EQUIPMENT	411.58	434.88	435.59	434.93	445.58	9.87	10.09	10.65	10.66	10.71
371	Motor vehicles and equipment	438.06	474.12	461.25	452.08	-	10.48	10.80	11.25	11.19	-
3711	Motor vehicles and car bodies	481.43	534.61	532.51	517.24	-	11.49	11.96	12.77	12.74	-
3713	Truck and bus bodies	356.10	355.01	370.47	371.28	-	8.56	8.68	9.17	9.10	-
3714	Motor vehicle parts and accessories	421.26	452.51	427.11	421.94	-	10.03	10.27	10.52	10.47	-
3715	Truck trailers	265.73	272.50	298.29	302.63	-	7.03	7.19	7.59	7.74	-
372	Aircraft and parts	417.05	429.84	438.70	448.69	-	9.79	9.95	10.70	10.76	-
3721	Aircraft	435.63	445.22	458.97	465.83	-	10.25	10.33	11.14	11.24	-
3724	Aircraft engines and engine parts	416.93	434.52	431.32	438.04	-	9.81	10.20	10.81	10.71	-
3728	Aircraft equipment, nec	379.69	394.71	406.56	417.35	-	8.83	8.93	9.68	9.82	-
373	Ship and boat building and repairing	346.32	354.38	384.29	385.40	-	8.53	8.56	9.26	9.40	-
3731	Shipbuilding and repairing	363.53	369.22	409.36	-	-	8.91	8.94	9.77	-	-
3732	Boat building and repairing	282.49	295.18	304.36	316.71	-	7.08	7.13	7.59	7.82	-
374	Railroad equipment *	409.62	419.69	438.20	437.58	-	10.37	10.44	11.15	11.05	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Nov. 1980	Dec. 1980	Oct. 1981	Nov. 1981P	Dec. 1981P	Nov. 1980	Dec. 1980	Oct. 1981	Nov. 1981P	Dec. 1981P
	MACHINERY, EXCEPT ELECTRICAL—Continued	39.2	39.8	39.6	39.9	-	1.3	1.7	1.8	1.8	-
3531	Construction machinery	41.6	42.3	38.7	39.5	-	2.4	3.4	2.0	2.0	-
3532	Mining machinery	45.4	47.3	45.0	45.1	-	5.5	6.4	6.1	5.9	-
3533	Oil field machinery	39.4	40.9	39.1	39.4	-	2.3	3.8	2.6	2.8	-
3535	Conveyors and conveying equipment	39.2	40.2	38.6	38.7	-	1.8	2.1	2.0	2.3	-
3537	Industrial trucks and tractors	42.4	43.2	41.1	41.3	-	4.7	5.0	3.9	3.8	-
354	Metalworking machinery	44.0	45.0	41.3	41.7	-	5.8	6.5	4.2	4.1	-
3541	Machine tools, metal cutting types	40.9	40.6	38.4	39.2	-	3.8	3.5	2.6	2.9	-
3542	Machine tools, metal forming types	42.7	43.6	42.1	42.2	-	5.2	5.4	4.7	4.6	-
3544	Special dies, tools, jigs, and fixtures	40.8	42.0	40.3	40.2	-	3.7	4.0	3.2	3.0	-
3545	Machine tool accessories	41.3	42.3	39.5	39.9	-	2.8	2.8	2.2	2.2	-
3546	Power driven hand tools	41.7	42.5	40.5	41.0	-	3.1	3.7	2.7	2.7	-
355	Special industry machinery	40.8	42.0	39.3	40.0	-	2.6	3.1	2.1	2.2	-
3551	Food products machinery	41.1	42.1	39.8	40.2	-	2.1	2.6	1.8	2.1	-
3552	Textile machinery	43.8	43.8	41.9	42.4	-	4.3	4.7	3.4	3.5	-
3555	Printing trades machinery	41.2	42.2	40.3	40.7	-	3.4	3.9	2.8	2.7	-
356	General industrial machinery	40.1	41.5	40.1	40.3	-	2.5	3.2	2.8	2.7	-
3561	Pumps and pumping equipment	42.0	43.1	41.5	41.8	-	4.3	5.0	3.2	3.1	-
3562	Ball and roller bearings	43.0	43.4	42.0	41.3	-	4.3	4.4	3.8	3.1	-
3563	Air and gas compressors	41.8	42.9	40.1	40.5	-	4.0	4.2	3.3	3.3	-
3564	Blowers and fans	41.4	42.6	40.2	40.7	-	3.1	3.6	2.7	2.7	-
3566	Speed changers, drives, and gears	40.1	41.4	39.7	40.9	-	2.7	3.6	1.8	2.2	-
3568	Power transmission equipment, nec	41.7	42.1	41.3	41.9	-	2.8	2.9	3.0	3.0	-
357	Office and computing machines	41.9	42.5	41.7	42.3	-	2.9	3.2	3.3	3.4	-
3573	Electronic computing equipment	40.6	41.5	40.4	40.7	-	2.7	3.0	2.1	2.1	-
358	Refrigeration and service machinery	41.0	41.7	39.5	39.6	-	2.8	3.0	1.9	1.7	-
3585	Refrigeration and heating equipment	41.1	41.7	40.3	40.5	-	3.7	4.1	3.4	3.3	-
359	Misc. machinery, except electrical	42.3	43.2	39.6	40.0	-	3.6	4.8	1.8	1.7	-
3592	Carburetors, pistons, rings, valves	40.9	41.4	40.4	40.6	-	3.8	4.0	3.7	3.5	-
3599	Machinery, except electrical, nec										
36	**ELECTRIC AND ELECTRONIC EQUIPMENT**	40.4	41.0	39.9	39.8	40.3	2.5	2.8	2.2	2.1	-
361	Electric distributing equipment	40.5	41.4	39.7	39.4	-	2.6	3.0	2.4	2.2	-
3612	Transformers	41.0	41.7	40.3	39.3	-	2.5	2.8	2.5	2.2	-
3613	Switchgear and switchboard apparatus	40.2	41.1	39.3	39.4	-	2.6	3.1	2.3	2.1	-
362	Electrical industrial apparatus	40.9	41.6	40.2	40.2	-	2.7	3.3	2.4	2.3	-
3621	Motors and generators	41.2	42.0	40.2	40.4	-	2.9	3.7	2.4	2.3	-
3622	Industrial controls	40.3	41.1	39.8	40.2	-	2.2	2.5	2.3	2.3	-
363	Household appliances	39.6	39.9	38.7	36.1	-	2.1	2.3	1.7	1.2	-
3632	Household refrigerators and freezers	41.0	41.3	38.2	33.3	-	1.6	2.6	1.1	.5	-
3633	Household laundry equipment	39.0	39.2	37.3	33.9	-	1.0	.9	.9	.3	-
3634	Electric housewares and fans	39.4	38.9	39.0	37.9	-	2.1	1.8	2.1	1.6	-
364	Electric lighting and wiring equipment	40.1	40.4	39.5	39.8	-	2.4	2.8	2.1	2.1	-
3641	Electric lamps	40.3	39.9	40.8	41.4	-	1.7	2.0	1.9	2.0	-
3643	Current carrying wiring devices	40.7	40.6	39.4	39.9	-	2.8	3.4	2.6	2.4	-
3644	Noncurrent carrying wiring devices	40.5	41.8	39.4	39.9	-	2.4	2.9	2.1	2.6	-
3645	Residential lighting fixtures	38.3	38.9	38.3	37.1	-	1.6	1.6	1.5	1.5	-
365	Radio and TV receiving equipment	39.4	40.9	39.7	35.8	-	1.9	2.7	1.5	1.3	-
3651	Radio and TV receiving sets	39.6	40.2	39.6	39.7	-	2.1	2.4	1.6	1.6	-
366	Communication equipment	40.9	41.5	40.6	40.6	-	2.5	2.8	2.5	2.5	-
3661	Telephone and telegraph apparatus	40.6	41.3	40.9	40.5	-	2.3	2.7	2.8	2.8	-
3662	Radio and TV communication equipment	41.1	41.6	40.5	40.6	-	2.6	2.9	2.3	2.4	-
367	Electronic components and accessories	40.0	40.7	39.8	40.1	-	2.6	2.7	2.3	2.2	-
3671,3	Electronic tubes	41.8	42.4	39.6	40.4	-	2.6	2.7	2.0	2.0	-
3674	Semiconductors and related devices	40.7	41.6	40.3	40.4	-	3.0	3.2	2.4	2.3	-
3679	Electronic components, nec	40.0	40.3	39.9	40.4	-	2.6	2.7	2.3	2.5	-
369	Misc. electrical equipment and supplies	41.4	42.4	40.6	40.4	-	3.4	3.4	2.3	2.0	-
3691	Storage batteries	42.3	42.2	42.0	41.2	-	4.3	3.8	3.1	2.4	-
3694	Engine electrical equipment	41.0	42.5	39.4	39.1	-	3.4	3.3	1.8	1.4	-
37	**TRANSPORTATION EQUIPMENT**	41.7	43.1	40.9	40.8	41.6	3.9	4.4	3.0	2.8	-
371	Motor vehicles and equipment	41.8	43.9	41.0	40.4	-	3.7	4.4	2.8	2.1	-
3711	Motor vehicles and car bodies	41.9	44.7	41.7	40.6	-	4.1	4.9	3.0	2.1	-
3713	Truck and bus bodies	41.6	40.9	40.4	40.8	-	3.0	3.8	3.0	2.7	-
3714	Motor vehicle parts and accessories	42.0	44.1	40.6	40.3	-	3.7	4.2	2.6	2.1	-
3715	Truck trailers	37.8	37.9	39.3	39.1	-	1.2	1.8	2.2	1.6	-
372	Aircraft and parts	42.6	43.2	41.0	41.7	-	4.7	4.9	3.3	3.5	-
3721	Aircraft	42.5	43.1	41.2	41.8	-	4.0	4.2	2.9	3.0	-
3724	Aircraft engines and engine parts	42.5	42.6	39.9	40.9	-	5.6	5.7	3.3	3.7	-
3728	Aircraft equipment, nec	43.0	44.2	42.0	42.5	-	5.1	5.7	4.3	4.4	-
373	Ship and boat building and repairing	40.6	41.4	41.5	41.0	-	3.7	3.9	3.3	3.4	-
3731	Ship building and repairing	40.8	41.3	41.9	.	-	3.9	4.0	3.4	-	-
3732	Boat building and repairing	39.9	41.4	40.1	40.5	-	3.3	3.7	3.1	3.5	-
374	Railroad equipment *	39.5	40.2	39.3	39.6	-	2.4	2.9	2.6	2.3	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry – Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Nov. 1980	Dec. 1980	Oct. 1981	Nov. 1981P	Dec. 1981P	Nov. 1980	Dec. 1980	Oct. 1981	Nov. 1981P	Dec. 1981P
	TRANSPORTATION EQUIPMENT — Continued										
376	Guided missiles, space vehicles, parts	$403.38	$416.50	$418.54	$436.13	-	$9.72	$9.80	$10.36	$10.56	-
3761	Guided missiles and space vehicles	411.27	426.00	430.54	447.84	-	9.91	10.00	10.71	10.87	-
379	Miscellaneous transportation equipment	289.38	291.62	320.39	324.75	-	7.11	7.13	7.97	8.18	-
3792	Travel trailers and campers	225.76	234.00	279.80	260.28	-	5.91	6.00	7.23	7.19	-
38	INSTRUMENTS AND RELATED PRODUCTS	286.71	293.76	307.44	314.16	$320.99	7.01	7.13	7.61	7.70	$7.81
381	Engineering and scientific instruments	306.77	318.66	328.02	332.50	-	7.41	7.65	8.02	8.09	-
382	Measuring and controlling devices	288.69	292.32	305.78	310.84	-	6.99	7.01	7.55	7.60	-
3822	Environmental controls	256.00	266.39	272.13	278.16	-	6.40	6.45	7.05	7.06	-
3823	Process control instruments	309.84	310.28	323.51	334.11	-	7.01	7.02	7.63	7.77	-
3825	Instruments to measure electricity	304.63	305.70	317.56	320.76	-	7.43	7.42	7.88	7.92	-
383	Optical instruments and lenses	312.48	327.60	321.50	335.05	-	7.66	7.80	8.16	8.31	-
384	Medical instruments and supplies	241.20	243.20	262.42	271.35	-	6.03	6.08	6.61	6.75	-
3841	Surgical and medical instruments	236.93	233.23	263.06	275.93	-	5.85	5.86	6.56	6.73	-
3842	Surgical appliances and supplies	245.52	251.83	262.52	268.77	-	6.20	6.28	6.68	6.77	-
385	Ophthalmic goods	213.55	218.35	227.08	228.34	-	5.42	5.50	5.72	5.84	-
386	Photographic equipment and supplies	382.35	400.26	415.80	418.47	-	9.04	9.53	9.90	9.94	-
387	Watches, clocks, and watchcases	210.06	221.65	229.50	232.85	-	5.40	5.64	5.81	5.91	-
39	MISCELLANEOUS MANUFACTURING INDUSTRIES	219.74	226.34	238.16	241.74	243.82	5.62	5.73	6.06	6.12	6.22
391	Jewelry, silverware, and plated ware	230.68	235.17	260.83	265.84	-	5.92	6.03	6.57	6.63	-
3911	Jewelry, precious metal	226.77	233.58	265.05	273.51	-	5.89	6.03	6.71	6.77	-
393	Musical instruments	223.36	222.64	232.78	236.29	-	5.57	5.58	6.03	6.09	-
394	Toys and sporting goods	198.92	204.86	223.00	224.58	-	5.14	5.28	5.66	5.70	-
3942, 4	Dolls, games, toys, and children's vehicles	182.25	185.01	204.48	205.98	-	4.86	4.96	5.27	5.35	-
3949	Sporting and athletic goods, nec	215.86	220.80	244.21	244.42	-	5.41	5.52	6.09	6.05	-
396	Pens, pencils, office and art supplies	232.31	239.20	247.78	257.26	-	5.68	5.82	6.21	6.29	-
396	Costume jewelry and notions	186.34	193.45	203.57	208.95	-	4.84	4.91	5.18	5.25	-
3961	Costume jewelry	173.50	177.56	184.99	186.40	-	4.59	4.60	4.78	4.91	-
399	Miscellaneous manufactures	243.04	249.32	253.89	255.30	-	6.20	6.28	6.51	6.58	-
3993	Signs and advertising displays	256.63	267.47	275.89	274.63	-	6.53	6.67	7.02	7.06	-
	NONDURABLE GOODS										
20	FOOD AND KINDRED PRODUCTS	284.31	287.34	298.19	304.07	311.92	7.09	7.13	7.53	7.64	7.74
201	Meat products	290.73	286.63	297.11	306.36	-	7.25	7.22	7.56	7.64	-
2011	Meat packing plants	376.58	361.50	377.07	390.58	-	8.84	8.69	9.13	9.19	-
2013	Sausages and other prepared meats	334.43	337.28	345.05	350.76	-	8.34	8.39	8.78	8.88	-
2016	Poultry dressing plants	172.41	173.53	179.22	187.88	-	4.61	4.69	4.87	5.01	-
202	Dairy products	295.90	292.63	311.76	323.33	-	7.13	7.12	7.66	7.81	-
2022	Cheese, natural and processed	274.57	271.44	285.71	299.36	-	6.83	6.82	7.27	7.41	-
2026	Fluid milk	309.96	308.48	325.89	338.13	-	7.38	7.38	7.91	8.07	-
203	Preserved fruits and vegetables	232.41	241.70	252.40	250.32	-	5.95	6.15	6.59	6.57	-
2032	Canned specialties	274.66	277.14	335.79	336.80	-	6.77	6.86	7.58	7.62	-
2033	Canned fruits and vegetables	225.17	284.84	243.85	237.75	-	5.91	6.23	6.52	6.34	-
2037	Frozen fruits and vegetables	226.01	222.52	237.86	236.26	-	5.81	5.81	6.36	6.42	-
204	Grain mill products	345.46	350.76	360.36	361.68	-	7.96	7.99	8.40	8.51	-
2041	Flour and other grain mill products	386.31	378.54	381.15	379.50	-	8.15	8.02	8.47	8.49	-
2048	Prepared feeds, nec	278.63	282.31	294.29	297.30	-	6.51	6.55	6.86	6.93	-
205	Bakery products	291.80	294.84	306.36	308.99	-	7.54	7.56	8.02	8.11	-
2051	Bread, cake, and related products	288.42	288.04	306.18	311.98	-	7.61	7.60	8.10	8.21	-
2052	Cookies and crackers	303.97	313.65	306.93	301.84	-	7.36	7.45	7.81	7.84	-
206	Sugar and confectionery products	265.32	273.91	294.94	290.79	-	6.60	6.73	7.09	7.18	-
2061,3	Cane and beet sugar	327.78	335.09	346.54	342.83	-	7.57	7.53	7.77	8.01	-
2065	Confectionery products	225.41	230.06	255.36	250.13	-	5.87	5.96	6.40	6.43	-
207	Fats and oils	315.52	318.94	336.66	347.21	-	7.27	7.40	7.94	7.82	-
208	Beverages	345.51	347.73	366.30	379.36	-	8.51	8.44	9.25	9.39	-
2082	Malt beverages	494.64	480.68	529.05	560.29	-	11.45	11.31	12.81	12.91	-
2086	Bottled and canned soft drinks	240.24	252.73	263.16	267.33	-	6.33	6.35	6.80	6.89	-
209	Misc. foods and kindred products	235.88	243.27	249.94	252.21	-	6.19	6.19	6.56	6.69	-
21	TOBACCO MANUFACTURES	315.19	308.61	338.05	345.71	341.33	7.86	8.10	8.58	8.91	8.82
211	Cigarettes	404.19	383.13	447.83	445.10	-	9.98	9.90	11.14	11.24	-
22	TEXTILE MILL PRODUCTS	213.99	218.41	225.37	225.58	224.04	5.31	5.34	5.72	5.74	5.73
221	Weaving mills, cotton	230.05	229.22	241.38	241.59	-	5.53	5.51	5.96	5.98	-
222	Weaving mills, synthetics	229.07	228.52	251.71	250.30	-	5.56	5.56	6.08	6.09	-
223	Weaving and finishing mills, wool	216.80	223.69	236.34	242.13	-	5.42	5.39	5.85	5.92	-
224	Narrow fabric mills	191.60	197.69	201.37	208.03	-	4.79	4.81	5.19	5.26	-
225	Knitting mills	187.67	191.57	197.40	198.15	-	4.90	4.95	5.25	5.27	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry – Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Nov. 1980	Dec. 1980	Oct. 1981	Nov. 1981P	Dec. 1981P	Nov. 1980	Dec. 1980	Oct. 1981	Nov. 1981P	Dec. 1981P
	TRANSPORTATION EQUIPMENT—Continued										
376	Guided missiles, space vehicles, parts	41.5	42.5	40.4	41.3	-	3.8	4.0	3.0	3.2	-
3761	Guided missiles and space vehicles	41.5	42.8	40.2	41.2	-	3.5	3.7	2.8	2.9	-
379	Miscellaneous transportation equipment	40.7	40.9	40.2	39.7	-	3.2	3.2	2.2	2.5	-
3792	Travel trailers and campers	38.2	39.0	38.7	36.2	-	1.3	1.9	2.0	.9	-
38	**INSTRUMENTS AND RELATED PRODUCTS**	40.9	41.2	40.4	40.8	41.1	2.6	2.7	2.2	2.3	-
381	Engineering and scientific instruments	41.4	42.8	40.9	41.1	-	3.0	3.5	2.7	2.7	-
382	Measuring and controlling devices	41.3	41.7	40.5	40.9	-	2.3	2.5	2.1	2.1	-
3822	Environmental controls	40.0	41.3	38.6	39.4	-	2.1	3.0	1.4	1.4	-
3823	Process control instruments	44.2	44.2	42.4	43.0	-	3.8	3.4	3.1	3.1	-
3825	Instruments to measure electricity	41.0	41.2	40.3	40.5	-	1.8	2.0	1.9	1.8	-
383	Optical instruments and lenses	40.9	42.0	39.4	40.8	-	3.0	3.7	2.0	2.6	-
384	Medical instruments and supplies	40.0	40.0	39.7	40.2	-	2.5	2.5	2.2	2.4	-
3841	Surgical and medical instruments	40.5	39.8	40.1	41.0	-	2.4	2.1	2.3	2.4	-
3842	Surgical appliances and supplies	39.6	40.1	39.3	39.7	-	2.8	3.0	2.4	2.6	-
385	Ophthalmic goods	39.4	39.7	39.7	39.1	-	1.6	1.6	1.3	1.4	-
386	Photographic equipment and supplies	42.3	42.0	42.0	42.1	-	3.6	3.6	2.8	2.7	-
387	Watches, clocks, and watchcases	38.9	39.3	39.5	39.4	-	1.2	1.3	2.0	1.7	-
39	**MISCELLANEOUS MANUFACTURING INDUSTRIES**	39.1	39.5	39.3	39.5	39.2	2.2	2.3	2.2	2.3	-
391	Jewelry, silverware, and plated ware	39.0	39.0	39.7	40.7	-	2.8	2.8	3.0	3.4	-
3911	Jewelry, precious metal	38.5	38.8	39.5	40.4	-	3.1	3.4	3.2	3.7	-
393	Musical instruments	40.1	39.5	38.6	38.8	-	1.8	1.5	1.6	1.4	-
394	Toys and sporting goods	38.7	38.8	39.4	39.4	-	1.6	1.7	2.1	2.0	-
3942 4	Dolls, games, toys, and children's vehicles	37.5	37.3	38.8	38.5	-	1.1	1.2	1.8	1.7	-
3949	Sporting and athletic goods, nec	39.9	40.0	40.1	40.4	-	2.0	2.1	2.6	2.3	-
395	Pens, pencils, office and art supplies	40.9	41.1	39.5	40.9	-	2.8	3.0	1.8	2.3	-
396	Costume jewelry and notions	38.5	39.4	39.3	39.8	-	2.6	2.7	2.3	3.2	-
3961	Costume jewelry	37.8	38.6	38.7	40.0	-	2.9	2.8	2.0	4.3	-
399	Miscellaneous manufactures	39.2	39.7	39.0	38.8	-	2.2	2.4	2.0	1.9	-
3993	Signs and advertising displays	39.3	40.1	39.3	38.9	-	2.5	3.2	2.5	2.3	-
	NONDURABLE GOODS										
20	**FOOD AND KINDRED PRODUCTS**	40.1	40.3	39.6	39.8	40.3	4.0	3.8	3.7	3.7	-
201	Meat products	40.1	39.7	39.3	40.1	-	4.3	4.0	3.5	4.2	-
2011	Meat packing plants	42.6	41.6	41.3	42.5	-	5.7	5.1	4.5	5.4	-
2013	Sausages and other prepared meats	40.1	40.2	39.3	39.5	-	3.1	3.5	3.5	3.7	-
2016	Poultry dressing plants	37.4	37.0	36.8	37.5	-	3.2	2.9	2.3	3.0	-
202	Dairy products	41.5	41.1	40.7	41.4	-	4.0	3.7	3.4	3.8	-
2022	Cheese, natural and processed	40.2	39.8	39.3	40.4	-	3.7	3.3	2.9	3.5	-
2026	Fluid milk	42.0	41.8	41.2	41.9	-	4.3	4.0	3.9	4.2	-
203	Preserved fruits and vegetables	38.8	39.3	38.3	38.1	-	3.5	3.2	3.3	2.7	-
2032	Canned specialties	40.6	40.4	44.3	44.2	-	6.2	5.5	4.6	4.9	-
2033	Canned fruits and vegetables	38.1	39.3	37.4	37.5	-	3.2	2.7	3.4	2.7	-
2037	Frozen fruits and vegetables	38.9	38.3	37.4	36.8	-	3.2	3.5	3.4	2.1	-
204	Grain mill products	43.4	43.9	42.9	42.5	-	5.9	5.9	5.7	5.2	-
2041	Flour and other grain mill products	47.4	47.2	45.0	44.7	-	7.1	6.8	5.5	5.2	-
2048	Prepared feeds, nec	42.8	43.1	42.9	42.9	-	5.8	6.0	5.7	5.6	-
205	Bakery products	38.7	39.0	38.2	38.1	-	3.6	3.4	3.0	3.0	-
2051	Bread, cake, and related products	37.9	37.9	37.8	38.0	-	3.7	3.4	3.2	3.4	-
2052	Cookies and crackers	41.3	42.1	39.3	38.5	-	3.2	3.3	2.6	2.1	-
206	Sugar and confectionery products	40.2	40.7	41.6	40.5	-	3.3	3.1	4.2	3.3	-
2061 3	Cane and beet sugar	43.3	44.5	44.6	42.8	-	4.4	4.0	6.7	4.9	-
2065	Confectionery products	38.4	38.6	39.9	38.9	-	2.8	2.7	3.2	2.7	-
207	Fats and oils	43.4	43.1	42.4	44.4	-	5.7	5.5	5.7	6.4	-
208	Beverages	40.6	41.2	39.6	40.4	-	4.0	3.6	3.8	3.8	-
2082	Malt beverages	43.2	42.5	41.3	43.4	-	6.4	5.1	6.2	6.7	-
2086	Bottled and canned soft drinks	38.9	39.8	38.7	38.8	-	2.8	3.2	2.9	2.9	-
209	Misc. foods and kindred products	38.1	39.3	38.1	37.7	-	3.5	3.4	3.2	3.2	-
21	**TOBACCO MANUFACTURES**	40.1	38.1	39.4	38.8	38.7	2.6	2.4	1.9	2.3	-
211	Cigarettes	40.5	38.7	40.2	39.6	-	3.2	2.6	2.5	2.7	-
22	**TEXTILE MILL PRODUCTS**	40.3	40.9	39.4	39.3	39.1	3.2	3.5	2.9	2.7	-
221	Weaving mills, cotton	41.6	41.6	40.5	40.4	-	4.0	3.9	3.1	3.3	-
222	Weaving mills, synthetics	41.2	41.1	41.4	41.1	-	3.5	3.7	3.8	3.5	-
223	Weaving and finishing mills, wool	40.0	41.5	40.4	40.9	-	3.0	3.2	4.0	4.2	-
224	Narrow fabric mills	40.0	41.1	38.8	39.4	-	2.7	2.7	2.4	2.8	-
225	Knitting mills	38.3	38.7	37.6	37.6	-	2.3	2.5	2.2	1.9	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Nov. 1980	Dec. 1980	Oct. 1981	Nov. 1981P	Dec. 1981P	Nov. 1980	Dec. 1980	Oct. 1981	Nov. 1981P	Dec. 1981P
	TEXTILE MILL PRODUCTS—Continued										
2251	Women's hosiery, except socks	$164.98	$172.42	$185.87	$192.66	-	$4.57	$4.66	$5.01	$5.07	-
2252	Hosiery, nec	177.17	174.93	186.24	180.80	-	4.65	4.64	4.94	4.94	-
2253	Knit outerwear mills	183.94	186.73	195.43	195.29	-	4.79	4.85	5.17	5.18	-
2254	Knit underwear mills	173.45	174.94	181.22	180.49	-	4.65	4.69	5.02	5.07	-
2257	Circular knit fabric mills	222.00	228.22	230.68	230.69	-	5.55	5.58	5.93	5.90	-
226	Textile finishing, except wool	235.15	244.52	245.01	245.78	-	5.68	5.74	6.11	6.16	-
2261	Finishing plants, cotton	240.53	251.50	246.23	244.59	-	5.81	5.89	6.11	6.13	-
2262	Finishing plants, synthetics	246.71	254.60	257.35	259.85	-	5.86	5.88	6.37	6.48	-
227	Floor covering mills	219.51	233.92	226.56	223.82	-	5.42	5.53	5.90	5.89	-
228	Yarn and thread mills	199.10	204.41	208.89	204.22	-	4.99	5.01	5.37	5.36	-
2281	Yarn mills, except wool	200.90	207.24	209.28	203.52	-	5.01	5.03	5.38	5.37	-
2282	Throwing and winding mills	185.64	188.73	200.34	196.48	-	4.76	4.79	5.15	5.13	-
229	Miscellaneous textile goods	248.30	256.28	259.12	255.15	-	5.87	5.96	6.32	6.29	-
23	APPAREL AND OTHER TEXTILE PRODUCTS	168.15	172.68	181.51	181.15	$178.92	4.75	4.81	5.07	5.06	$5.04
231	Men's and boys' suits and coats	199.29	205.70	212.58	212.80	-	5.46	5.50	5.84	5.83	-
232	Men's and boys' furnishings	156.24	160.52	168.17	169.62	-	4.34	4.41	4.62	4.66	-
2321	Men's and boys' shirts and nightwear	152.70	156.88	163.99	166.25	-	4.23	4.31	4.53	4.58	-
2327	Men's and boys' separate trousers	158.51	161.73	171.34	175.01	-	4.44	4.48	4.72	4.73	-
2328	Men's and boys' work clothing	154.34	158.30	169.13	169.46	-	4.24	4.29	4.51	4.58	-
233	Women's and misses' outerwear	155.95	159.65	170.01	167.84	-	4.74	4.78	5.03	5.01	-
2331	Women's and misses' blouses and waists	149.63	150.64	160.95	160.35	-	4.44	4.47	4.72	4.73	-
2335	Women's and misses' dresses	148.28	151.35	168.78	165.05	-	4.83	4.93	5.13	5.11	-
2337	Women's and misses' suits and coats	178.34	178.31	180.96	184.26	-	5.23	5.26	5.62	5.55	-
2339	Women's and misses' outerwear, nec	155.61	163.15	169.53	167.60	-	4.55	4.57	4.83	4.83	-
234	Women's and children's undergarments	155.13	152.93	167.99	167.80	-	4.25	4.26	4.59	4.61	-
2341	Women's and children's underwear	153.72	151.50	165.88	164.80	-	4.20	4.22	4.52	4.54	-
2342	Brassieres and allied garments	160.92	158.95	177.38	180.07	-	4.47	4.44	4.90	4.92	-
236	Children's outerwear	156.09	158.63	167.40	170.38	-	4.30	4.37	4.65	4.63	-
2361	Children's dresses and blouses	151.56	155.23	166.06	165.34	-	4.21	4.30	4.60	4.58	-
238	Misc. apparel and accessories	171.67	173.26	186.87	189.52	-	4.59	4.67	4.97	4.99	-
239	Misc. fabricated textile products	212.60	225.50	229.63	226.38	-	5.58	5.68	5.98	5.88	-
2391	Curtains and draperies	147.96	151.48	160.38	160.56	-	4.11	4.15	4.48	4.46	-
2392	House furnishing, nec	183.92	187.46	198.69	198.47	-	4.68	4.71	5.03	5.05	-
2396	Automotive and apparel trimmings	347.92	394.83	403.22	356.36	-	9.18	9.29	10.26	10.06	-
26	PAPER AND ALLIED PRODUCTS	350.10	361.40	373.97	376.47	379.53	8.18	8.27	8.82	8.90	8.93
261, 2	Paper and pulp mills	429.50	435.33	462.20	462.61	-	9.63	9.61	10.41	10.49	-
262	Paper mills, except building paper	431.55	436.76	465.30	466.82	-	9.59	9.58	10.34	10.42	-
263	Paperboard mills	435.73	448.02	459.39	463.93	-	9.64	9.89	10.37	10.52	-
264	Misc. converted paper products	292.03	306.29	318.61	324.24	-	7.14	7.31	7.79	7.87	-
2641	Paper coating and glazing	334.40	354.05	377.44	383.62	-	8.00	8.14	8.86	8.88	-
2642	Envelopes	261.63	272.00	290.97	295.71	-	6.46	6.57	7.22	7.23	-
2643	Bags, except textile bags	280.06	292.50	300.94	305.53	-	6.70	6.85	7.34	7.38	-
265	Paperboard containers and boxes	303.12	316.82	318.72	316.52	-	7.20	7.30	7.68	7.72	-
2651	Folding paperboard boxes	309.21	335.53	320.80	324.53	-	7.31	7.54	7.73	7.82	-
2653	Corrugated and solid fiber boxes	317.67	330.81	339.36	332.51	-	7.51	7.57	8.08	8.11	-
2654	Sanitary food containers	290.11	306.16	295.92	303.37	-	6.81	6.88	7.20	7.31	-
27	PRINTING AND PUBLISHING	289.79	300.23	313.22	314.44	319.88	7.79	7.88	8.42	8.43	8.44
271	Newspapers	266.90	278.42	286.91	288.44	-	7.92	8.07	8.59	8.61	-
272	Periodicals	278.63	292.22	292.06	300.64	-	7.49	7.59	7.83	8.06	-
273	Books	268.99	283.38	295.13	297.20	-	7.06	7.12	7.87	7.78	-
2731	Book publishing	262.33	275.32	276.35	283.50	-	6.94	6.97	7.53	7.54	-
2732	Book printing	276.10	291.93	317.24	313.15	-	7.19	7.28	8.24	8.05	-
274	Miscellaneous publishing	249.48	245.80	277.97	274.68	-	6.93	6.79	7.70	7.63	-
275	Commercial printing	310.18	319.80	336.98	335.34	-	8.12	8.20	8.73	8.71	-
2751	Commercial printing, letterpress	287.28	298.36	317.24	314.44	-	7.60	7.67	8.24	8.21	-
2752	Commercial printing, lithographic	319.04	330.00	347.91	343.68	-	8.33	8.44	8.99	8.95	-
276	Manifold business forms	311.81	327.24	335.27	346.04	-	7.68	7.81	8.34	8.44	-
278	Blankbooks and bookbinding	232.62	248.68	244.22	249.87	-	5.98	6.11	6.41	6.44	-
279	Printing trade services	369.19	384.54	393.46	395.64	-	9.69	9.86	10.30	10.33	-
28	CHEMICALS AND ALLIED PRODUCTS	361.20	365.85	386.86	393.23	398.69	8.60	8.69	9.37	9.43	9.47
281	Industrial inorganic chemicals	398.58	402.90	431.55	439.25	-	9.49	9.57	10.50	10.61	-
2819	Industrial inorganic chemicals, nec	398.11	403.79	433.37	440.84	-	9.57	9.66	10.57	10.70	-
282	Plastics materials and synthetics	359.13	362.50	382.81	386.82	-	8.49	8.62	9.18	9.21	-
2821	Plastics materials and resins	406.08	403.30	426.70	429.71	-	9.25	9.25	10.04	10.04	-
2824	Organic fibers, noncellulosic	327.51	337.83	357.79	361.57	-	7.93	8.18	8.58	8.65	-
283	Drugs	328.27	334.46	352.70	361.54	-	7.91	8.04	8.54	8.67	-
2834	Pharmaceutical preparations	312.12	316.11	332.91	343.19	-	7.65	7.71	8.22	8.35	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Nov. 1980	Dec. 1980	Oct. 1981	Nov. 1981P	Dec. 1981P	Nov. 1980	Dec. 1980	Oct. 1981	Nov. 1981P	Dec. 1981P
	TEXTILE MILL PRODUCTS—Continued										
2251	Women's hosiery, except socks	36.1	37.0	37.1	38.0	-	1.3	2.0	2.2	2.9	-
2252	Hosiery, nec	38.1	37.7	37.7	38.6	-	2.0	1.7	2.0	1.6	-
2253	Knit outerwear mills	38.4	38.5	37.8	37.7	-	2.5	2.4	2.4	2.0	-
2254	Knit underwear mills	37.3	37.3	36.1	35.6	-	1.6	1.7	1.2	1.3	-
2257	Circular knit fabric mills	40.0	40.9	38.9	35.1	-	3.3	4.0	2.4	2.2	-
226	Textile finishing, except wool	41.4	42.6	40.1	39.9	-	4.0	4.4	3.2	3.5	-
2261	Finishing plants, cotton	41.4	42.7	40.3	39.9	-	4.2	4.8	3.0	3.0	-
2262	Finishing plants, synthetics	42.1	43.3	40.4	40.1	-	4.5	4.9	3.5	4.3	-
227	Floor covering mills	40.5	42.3	38.4	38.0	-	3.0	4.4	2.3	1.8	-
228	Yarn and thread mills	39.9	40.8	38.9	38.1	-	3.1	3.5	2.5	2.2	-
2281	Yarn mills, except wool	40.1	41.2	38.9	37.9	-	3.3	3.6	2.5	2.0	-
2282	Throwing and winding mills	39.0	39.8	38.9	38.3	-	3.1	3.5	3.0	2.7	-
229	Miscellaneous textile goods	42.3	43.0	41.0	41.2	-	3.8	4.2	3.5	3.3	-
23	**APPAREL AND OTHER TEXTILE PRODUCTS**	35.4	35.9	35.8	35.8	35.5	1.2	1.2	1.2	1.2	-
231	Men's and boys' suits and coats	36.5	37.4	36.4	36.5	-	1.0	.8	.8	.9	-
232	Men's and boys' furnishings	36.0	36.4	36.4	36.4	-	1.0	1.0	.9	1.0	-
2321	Men's and boys' shirts and nightwear	36.1	36.4	36.2	36.3	-	1.0	1.0	.9	1.0	-
2327	Men's and boys' separate trousers	35.7	36.1	36.3	37.0	-	.9	.9	.9	1.0	-
2328	Men's and boys' work clothing	36.4	36.9	37.5	37.0	-	1.1	1.1	1.0	1.1	-
233	Women's and misses' outerwear	32.9	33.4	33.8	33.5	-	.8	1.0	1.0	.9	-
2331	Women's and misses' blouses and waists	33.7	33.7	34.1	33.9	-	.8	.6	.9	.9	-
2335	Women's and misses' dresses	30.7	30.7	32.9	32.3	-	.7	.7	1.0	.9	-
2337	Women's and misses' suits and coats	34.1	33.9	32.2	33.2	-	.9	1.0	.8	1.0	-
2339	Women's and misses' outerwear, nec	34.2	35.7	35.1	34.7	-	.9	1.4	1.1	1.0	-
234	Women's and children's undergarments	36.5	35.9	36.6	36.4	-	1.4	1.1	1.6	1.4	-
2341	Women's and children's underwear	36.6	35.9	36.7	36.3	-	1.4	1.1	1.7	1.4	-
2342	Brassieres and allied garments	36.0	35.8	36.2	36.6	-	1.1	1.1	1.3	1.2	-
236	Children's outerwear	36.3	36.3	36.0	36.8	-	1.2	1.1	1.4	1.5	-
2361	Children's dresses and blouses	36.0	36.1	36.1	36.1	-	1.2	.9	1.5	1.3	-
238	Misc. apparel and accessories	37.4	37.1	37.6	38.0	-	1.5	1.1	1.8	1.7	-
239	Misc. fabricated textile products	38.1	39.7	38.4	38.5	-	2.0	2.4	2.0	1.7	-
2391	Curtains and draperies	36.0	36.5	35.8	36.0	-	.6	1.1	.8	.9	-
2392	House furnishings, nec	39.3	39.8	39.5	39.3	-	2.7	2.7	2.7	2.7	-
2396	Automotive and apparel trimmings	37.9	42.5	39.3	39.4	-	2.4	3.3	2.0	.7	-
26	**PAPER AND ALLIED PRODUCTS**	42.8	43.7	42.4	42.3	42.5	4.7	4.9	4.4	4.2	-
261, 2, 6	Paper and pulp mills	44.6	45.3	44.4	44.1	-	6.7	6.6	6.0	5.9	-
262	Paper mills, except building paper	45.0	45.8	45.0	44.8	-	6.8	6.9	6.3	6.1	-
263	Paperboard mills	45.2	45.3	44.3	44.1	-	7.7	8.0	7.1	6.7	-
264	Misc. converted paper products	40.9	41.5	40.9	41.2	-	3.0	3.2	2.9	2.9	-
2641	Paper coating and glazing	41.8	43.5	42.6	43.2	-	3.3	3.3	3.0	3.2	-
2642	Envelopes	40.5	41.4	40.3	40.9	-	2.3	2.6	2.7	2.7	-
2643	Bags, except textile bags	41.8	42.7	41.0	41.4	-	3.4	3.8	3.3	3.3	-
265	Paperboard containers and boxes	42.1	43.4	41.5	41.0	-	3.5	4.0	3.5	3.0	-
2651	Folding paperboard boxes	42.3	44.5	41.5	41.5	-	4.0	5.1	3.5	3.4	-
2653	Corrugated and solid fiber boxes	42.3	43.7	42.0	41.0	-	3.6	4.0	3.9	3.2	-
2654	Sanitary food containers	42.6	44.5	41.1	41.5	-	3.3	3.9	2.5	2.9	-
27	**PRINTING AND PUBLISHING**	37.2	38.1	37.2	37.3	37.9	2.5	2.8	2.6	2.6	-
271	Newspapers	33.7	34.5	33.4	33.5	-	1.8	2.0	1.8	1.7	-
272	Periodicals	37.2	38.5	37.3	37.3	-	2.2	2.4	2.7	2.4	-
273	Books	38.1	38.8	37.5	38.2	-	2.0	2.7	2.1	2.1	-
2731	Book publishing	37.8	39.5	36.7	37.6	-	1.5	1.8	.8	1.1	-
2732	Book printing	38.4	40.1	38.5	38.9	-	2.6	3.7	3.7	3.6	-
274	Miscellaneous publishing	36.0	36.2	36.1	36.0	-	2.3	2.1	1.7	1.4	-
275	Commercial printing	38.2	39.0	38.6	38.5	-	3.0	3.2	3.2	3.1	-
2751	Commercial printing, letterpress	37.8	38.9	38.5	38.3	-	2.4	2.9	2.6	2.6	-
2752	Commercial printing, lithographic	38.3	39.1	38.7	38.4	-	3.2	3.3	3.5	3.2	-
276	Manifold business forms	40.6	41.9	40.2	41.0	-	3.2	4.0	3.4	3.4	-
278	Blankbooks and bookbinding	38.9	40.7	38.1	38.8	-	1.9	2.6	1.7	1.5	-
279	Printing trade service	38.1	39.0	38.2	38.3	-	3.6	4.0	3.6	3.4	-
28	**CHEMICALS AND ALLIED PRODUCTS**	42.0	42.1	41.5	41.7	42.1	3.3	3.4	3.3	3.1	-
281	Industrial inorganic chemicals	42.0	42.1	41.1	41.4	-	3.3	3.1	3.4	3.4	-
2819	Industrial inorganic chemicals, nec	41.6	41.8	41.0	41.2	-	3.3	3.2	3.4	3.3	-
282	Plastics materials and synthetics	42.3	42.1	41.7	42.0	-	3.3	3.1	3.3	3.0	-
2821	Plastics materials and resins	43.9	43.6	42.5	42.8	-	5.0	4.3	4.1	4.0	-
2824	Organic fibers, noncellulosic	41.3	41.3	41.7	41.8	-	1.9	2.0	2.0	2.1	-
283	Drugs	41.5	41.6	41.3	41.7	-	3.0	3.4	2.8	3.0	-
2834	Pharmaceutical preparations	40.8	41.0	40.5	41.1	-	3.1	3.5	2.9	2.9	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry – Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Nov. 1980	Dec. 1980	Oct. 1981	Nov. 1981P	Dec. 1981P	Nov. 1980	Dec. 1980	Oct. 1981	Nov. 1981P	Dec. 1981P
	CHEMICALS AND ALLIED PRODUCTS—Cont'd										
284	Soaps, cleaners, and toilet goods	$324.75	$330.66	$344.61	$350.33	-	$7.90	$8.05	$8.53	$8.65	-
2841	Soap and other detergents	438.18	441.58	461.42	472.76	-	10.31	10.39	10.96	11.15	-
2844	Toilet preparations	252.72	259.61	261.80	262.96	-	6.24	6.41	6.73	6.76	-
2842, 3	Polishing, sanitation, and finishing preparations	303.73	308.77	346.80	354.65	-	7.67	7.70	8.50	8.65	-
285	Paints and allied products	314.47	319.30	328.84	322.34	-	7.67	7.75	8.18	8.14	-
286	Industrial organic chemicals	429.57	431.57	480.82	478.59	-	9.99	9.99	11.13	11.13	-
2865	Cyclic crudes and intermediates	400.44	396.77	453.88	444.51	-	9.40	9.38	10.58	10.41	-
2861, 9	Gum, wood, and industrial organic chemicals, nec	438.76	442.83	490.16	490.05	-	10.18	10.18	11.32	11.37	-
287	Agricultural chemicals	369.75	382.33	391.00	392.54	-	8.50	8.65	9.20	9.15	-
2871	Miscellaneous chemical products	335.69	340.13	360.04	366.96	-	8.05	8.06	8.76	8.80	-
29	PETROLEUM AND COAL PRODUCTS	458.67	449.45	493.93	496.22	$501.40	10.52	10.38	11.46	11.50	$11.50
291	Petroleum refining	493.63	478.03	529.05	532.88	-	11.27	11.04	12.19	12.25	-
295	Paving and roofing materials	356.59	356.91	388.25	375.99	-	8.16	8.13	9.05	9.06	-
30	RUBBER AND MISC. PLASTICS PRODUCTS	282.77	289.95	297.08	296.00	299.55	6.88	6.97	7.39	7.40	7.47
301	Tires and inner tubes	439.26	446.40	476.01	460.40	-	10.36	10.43	11.47	11.34	-
302	Rubber and plastics footwear	201.15	191.76	182.09	184.13	-	4.50	4.47	4.83	4.91	-
303, 4	Reclaimed rubber, and rubber and plastics hose and belting	302.94	308.48	326.82	305.28	-	7.23	7.31	8.03	7.91	-
306	Fabricated rubber products, nec	261.23	269.86	277.78	278.70	-	6.45	6.55	6.91	6.95	-
307	Miscellaneous plastics products	253.57	262.06	265.20	266.13	-	6.24	6.33	6.63	6.67	-
31	LEATHER AND LEATHER PRODUCTS	170.25	174.91	186.80	187.17	188.78	4.69	4.74	5.09	5.10	5.13
311	Leather tanning and finishing	260.12	260.65	260.24	259.68	-	6.36	6.42	6.69	6.71	-
314	Footwear, except rubber	161.62	167.26	177.25	178.96	-	4.54	4.57	4.91	4.93	-
3143	Men's footwear, except athletic	173.68	181.44	191.21	189.59	-	4.79	4.80	5.14	5.18	-
3144	Women's footwear, except athletic	148.68	157.08	166.47	170.41	-	4.36	4.40	4.77	4.76	-
316	Luggage	176.05	187.86	206.22	202.17	-	4.81	5.05	5.47	5.42	-
317	Handbags and personal leather goods	162.34	161.01	180.38	179.89	-	4.46	4.46	4.81	4.81	-
	TRANSPORTATION AND PUBLIC UTILITIES	368.02	372.00	389.44	355.36	397.15	9.27	9.30	9.96	10.06	10.08
	RAILROAD TRANSPORTATION										
4011	Class I railroads[4]	433.24	456.12	453.05	-	-	10.49	10.39	10.61	-	-
41	LOCAL AND INTERURBAN PASSENGER TRANSIT	215.90	213.86	231.19	229.48	-	6.35	6.29	6.76	6.85	-
411	Local and suburban transportation	272.61	271.52	297.14	300.00	-	6.99	6.98	7.41	7.50	-
413	Intercity highway transportation	368.81	336.24	386.60	395.28	-	10.16	9.69	10.65	10.80	-
42	TRUCKING AND WAREHOUSING	373.41	386.40	391.64	393.33	-	9.55	9.66	10.12	10.19	-
421, 3	Trucking and trucking terminals	382.01	394.40	400.16	401.17	-	9.77	9.86	10.34	10.42	-
422	Public warehousing	259.90	263.70	262.71	279.96	-	6.63	6.71	6.95	7.16	-
46	PIPE LINES, EXCEPT NATURAL GAS	448.78	449.01	498.74	508.58	-	10.84	10.64	11.68	11.80	-
48	COMMUNICATION	363.01	361.45	398.59	403.20	-	9.03	9.06	10.04	10.08	-
481	Telephone communication	378.39	375.87	418.40	422.75	-	9.32	9.35	10.46	10.49	-
4817	Switchboard operating employees[4]	270.62	248.62	289.85	302.40	-	7.71	7.58	8.55	8.64	-
4818	Line construction employees[4]	496.15	487.08	524.29	525.60	-	11.05	11.07	11.97	12.00	-
483	Radio and television broadcasting	294.51	299.11	318.65	324.32	-	7.73	7.83	8.43	8.49	-
49	ELECTRIC, GAS, AND SANITARY SERVICES	388.32	386.46	423.94	429.11	-	9.29	9.29	10.24	10.38	-
491	Electric services	403.85	401.63	430.34	435.77	-	9.48	9.54	10.32	10.45	-
492	Gas production and distribution	359.72	359.72	388.96	389.76	-	8.71	8.71	9.51	9.60	-
493	Combination utility services	414.73	407.77	437.67	445.10	-	10.14	9.97	11.51	11.55	-
495	Sanitary services	305.45	299.94	329.96	330.81	-	7.29	7.28	7.97	8.01	-
	WHOLESALE AND RETAIL TRADE	181.04	182.65	191.40	192.36	193.20	5.64	5.62	6.00	6.03	6.00
50, 51	WHOLESALE TRADE	276.82	281.25	299.54	301.08	303.02	7.19	7.23	7.74	7.80	7.83
50	WHOLESALE TRADE DURABLE GOODS	280.80	285.59	302.25	303.81	-	7.20	7.23	7.75	7.81	-
501	Motor vehicles and automotive equipment	254.58	267.24	270.61	272.46	-	6.64	6.80	7.14	7.17	-
502	Furniture and home furnishings	243.47	247.27	267.71	268.16	-	6.51	6.49	7.12	7.17	-
503	Lumber and construction materials	288.86	290.33	314.03	310.85	-	7.35	7.35	7.95	7.95	-
504	Sporting goods, toys, and hobby goods	284.61	291.45	307.31	304.62	-	7.47	7.57	8.13	8.08	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Nov. 1980	Dec.[r] 1980	Oct. 1981	Nov. 1981[p]	Dec. 1981[p]	Nov. 1980	Dec. 1980	Oct. 1981	Nov. 1981[p]	Dec. 1981[p]
	CHEMICALS AND ALLIED PRODUCTS—Cont'd										
284	Soap, cleaners, and toilet goods	40.9	41.1	40.4	40.5	-	2.9	2.9	2.9	2.6	-
2841	Soap and other detergents	42.5	42.5	42.1	42.4	-	4.1	4.0	3.8	3.4	-
2844	Toilet preparations	40.5	40.5	38.9	38.9	-	2.4	2.7	2.4	2.1	-
2842, 3	Polishing, sanitation, and finishing preparations	39.6	40.1	40.8	41.0	-	2.2	2.0	2.6	2.6	-
285	Paints and allied products	41.0	41.2	40.2	35.6	-	2.5	2.5	2.2	1.4	-
286	Industrial organic chemicals	43.0	43.2	43.2	43.0	-	3.5	3.7	4.2	3.8	-
2865	Cyclic crudes and intermediates	42.6	42.3	42.9	42.7	-	3.8	3.8	3.8	3.1	-
2861, 9	Gum, wood, and industrial organic chemicals, nec	43.1	43.5	43.3	43.1	-	3.4	3.7	4.3	4.1	-
287	Agricultural chemicals	43.5	44.2	42.5	42.9	-	5.0	5.8	4.1	4.2	-
289	Miscellaneous chemical products	41.7	42.2	41.1	41.7	-	3.5	3.6	3.1	3.1	-
29	**PETROLEUM AND COAL PRODUCTS**	43.6	43.3	43.1	43.0	43.6	4.0	3.7	4.0	4.0	-
291	Petroleum refining	43.8	43.3	43.4	43.5	-	3.8	3.4	3.8	4.0	-
295	Paving and roofing materials	43.7	43.9	42.9	41.5	-	5.8	5.9	5.9	5.0	-
30	**RUBBER AND MISC. PLASTICS PRODUCTS**	41.1	41.6	40.2	40.0	40.1	3.3	3.5	3.0	2.7	-
301	Tires and inner tubes	42.4	42.8	41.5	40.6	-	3.9	3.9	3.4	2.3	-
302	Rubber and plastics footwear	44.7	42.9	37.7	37.5	-	3.6	2.9	1.8	2.0	-
303, 4	Reclaimed rubber, and rubber and plastics hose and belting	41.9	42.2	40.7	39.1	-	2.9	3.2	2.9	1.7	-
306	Fabricated rubber products, nec	40.5	41.2	40.2	40.1	-	2.8	3.3	2.6	2.4	-
307	Miscellaneous plastics products	40.7	41.4	40.0	39.9	-	3.3	3.5	3.1	2.9	-
31	**LEATHER AND LEATHER PRODUCTS**	36.3	36.9	36.7	36.7	36.8	1.5	1.5	1.3	1.3	-
311	Leather tanning and finishing	40.9	40.6	38.9	38.7	-	3.1	3.3	2.3	2.3	-
314	Footwear, except rubber	35.6	36.6	36.1	36.3	-	1.2	1.3	1.0	1.0	-
3143	Men's footwear, except athletic	36.3	37.8	37.2	36.6	-	1.3	1.4	1.1	1.0	-
3144	Women's footwear, except athletic	34.1	35.7	34.9	35.8	-	1.0	1.3	.8	.9	-
316	Luggage	36.6	37.2	37.7	37.3	-	2.1	2.1	1.2	1.6	-
317	Handbags and personal leather goods	36.4	36.1	37.5	37.4	-	1.9	1.7	2.2	1.8	-
	TRANSPORTATION AND PUBLIC UTILITIES	39.7	40.0	39.1	39.3	39.4	-	-	-	-	-
	RAILROAD TRANSPORTATION										
4011	Class I railroads[2]	41.3	43.9	42.7	-	-	-	-	-	-	-
41	**LOCAL AND INTERURBAN PASSENGER TRANSIT**	34.0	34.0	34.2	33.5	-	-	-	-	-	-
411	Local and suburban transportation	39.0	38.9	40.1	40.0	-	-	-	-	-	-
413	Intercity highway transportation	36.3	34.7	36.3	36.6	-	-	-	-	-	-
42	**TRUCKING AND WAREHOUSING**	39.1	40.0	38.7	38.6	-	-	-	-	-	-
421, 3	Trucking and trucking terminals	39.1	40.0	38.7	38.5	-	-	-	-	-	-
422	Public warehousing	39.2	39.3	37.8	39.1	-	-	-	-	-	-
46	**PIPE LINES, EXCEPT NATURAL GAS**	41.4	42.2	42.7	43.1	-	-	-	-	-	-
48	**COMMUNICATION**	40.2	39.9	39.7	40.0	-	-	-	-	-	-
481	Telephone communication	40.6	40.2	40.0	40.3	-	-	-	-	-	-
4817	Switchboard operating employees[3]	35.1	32.8	33.9	35.0	-	-	-	-	-	-
4818	Line construction employees[4]	44.9	44.0	43.8	43.8	-	-	-	-	-	-
483	Radio and television broadcasting	38.1	38.2	37.8	38.2	-	-	-	-	-	-
49	**ELECTRIC, GAS, AND SANITARY SERVICES**	41.8	41.6	41.4	41.5	-	-	-	-	-	-
491	Electric services	42.6	42.1	41.7	41.7	-	-	-	-	-	-
492	Gas production and distribution	41.3	41.3	40.9	40.6	-	-	-	-	-	-
493	Combination utility services	40.9	40.9	41.5	42.0	-	-	-	-	-	-
496	Sanitary services	41.9	41.2	41.4	41.3	-	-	-	-	-	-
	WHOLESALE AND RETAIL TRADE	32.1	32.5	31.9	31.9	32.2	-	-	-	-	-
50, 51	**WHOLESALE TRADE**	38.5	38.9	38.7	38.6	38.7	-	-	-	-	-
50	**WHOLESALE TRADE DURABLE GOODS**	39.0	39.5	39.0	38.9	-	-	-	-	-	-
501	Motor vehicles and automotive equipment	38.4	39.3	37.9	38.0	-	-	-	-	-	-
502	Furniture and home furnishings	37.4	38.1	37.6	37.4	-	-	-	-	-	-
503	Lumber and construction materials	39.3	39.5	39.5	39.1	-	-	-	-	-	-
504	Sporting goods, toys, and hobby goods	38.1	38.5	37.8	37.7	-	-	-	-	-	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry – Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Nov. 1980	Dec. 1980	Oct. 1981	Nov. 1981P	Dec. 1981P	Nov. 1980	Dec. 1980	Oct. 1981	Nov. 1981P	Dec. 1981P
	WHOLESALE TRADE DURABLE GOODS—Continued										
505	Metals and minerals, except petroleum	$338.75	$343.13	$351.35	$352.14	-	$8.49	$8.41	$8.85	$8.87	-
506	Electrical goods	293.25	299.30	326.14	328.05	-	7.50	7.52	8.32	8.39	-
507	Hardware, plumbing, and heating equipment	262.77	262.58	278.64	279.08	-	6.79	6.75	7.20	7.23	-
508	Machinery, equipment, and supplies	291.21	293.49	313.23	315.58	-	7.41	7.43	7.95	8.03	-
509	Miscellaneous durable goods	234.30	239.73	246.77	248.45	-	6.07	6.10	6.36	6.42	-
51	WHOLESALE TRADE NONDURABLE GOODS	272.12	274.74	295.29	297.58	-	7.19	7.23	7.73	7.79	-
511	Paper and paper products	300.81	301.62	319.55	317.95	-	8.13	8.13	8.66	8.57	-
512	Drugs, proprietaries, and sundries	281.60	281.62	306.27	311.27	-	7.57	7.55	8.30	8.39	-
513	Apparel, piece goods, and notions	236.59	237.23	256.13	254.88	-	6.36	6.36	6.83	6.87	-
514	Groceries and related products	274.05	275.08	297.61	301.47	-	7.25	7.22	7.71	7.81	-
516	Chemicals and allied products	331.63	348.12	353.72	359.63	-	8.46	8.69	9.14	9.27	-
517	Petroleum and petroleum products	343.14	385.32	363.40	361.30	-	8.60	8.59	9.20	9.17	-
518	Beer, wine, and distilled beverages	312.65	327.12	335.62	338.19	-	8.45	8.70	9.12	9.19	-
519	Miscellaneous nondurable goods	226.77	229.08	244.61	248.10	-	5.88	5.95	6.37	6.39	-
52-59	RETAIL TRADE	150.60	152.20	157.64	158.54	$159.76	5.02	4.99	5.29	5.32	$5.29
52	BUILDING MATERIALS AND GARDEN SUPPLIES	202.58	202.95	214.18	214.11	-	5.49	5.50	5.82	5.85	-
521	Lumber and other building materials	222.53	223.10	233.47	231.87	-	5.75	5.75	6.08	6.07	-
525	Hardware stores	159.32	162.29	173.23	176.28	-	4.77	4.80	5.11	5.20	-
53	GENERAL MERCHANDISE STORES	139.87	143.82	149.99	148.38	-	4.79	4.70	5.19	5.17	-
531	Department stores	144.34	148.23	155.19	153.30	-	4.96	4.86	5.37	5.36	-
533	Variety stores	112.13	118.18	122.84	122.51	-	3.84	3.80	4.28	4.21	-
539	Misc. general merchandise stores	117.61	126.74	123.83	125.24	-	3.96	3.92	4.27	4.26	-
54	FOOD STORES	206.46	208.25	211.06	212.89	-	6.66	6.61	6.92	6.98	-
541	Grocery stores	215.59	213.66	219.81	221.96	-	6.91	6.87	7.16	7.23	-
546	Retail bakeries	136.07	136.83	138.71	139.00	-	4.66	4.67	4.85	4.86	-
55	AUTOMOTIVE DEALERS AND SERVICE STATIONS	218.46	216.00	228.51	230.25	-	5.81	5.76	6.11	6.14	-
551, 2	New and used car dealers	259.67	253.93	268.55	271.10	-	6.78	6.63	7.03	7.06	-
553	Auto and home supply stores	214.12	215.33	229.43	230.17	-	5.30	5.33	5.75	5.74	-
554	Gasoline service stations	163.40	163.79	172.40	172.62	-	4.59	4.64	4.87	4.89	-
56	APPAREL AND ACCESSORY STORES	124.93	129.80	134.33	134.71	-	4.43	4.40	4.73	4.76	-
561	Men's and boys' clothing and furnishings	159.32	165.14	165.36	164.16	-	5.09	5.05	5.30	5.33	-
562	Women's ready-to-wear stores	108.94	114.77	119.68	118.90	-	4.08	4.07	4.40	4.42	-
565	Family clothing stores	117.00	122.09	130.29	132.25	-	4.27	4.21	4.67	4.74	-
566	Shoe stores	135.94	140.06	141.50	142.22	-	4.72	4.70	5.00	4.99	-
57	FURNITURE AND HOME FURNISHINGS STORES	197.34	203.70	209.33	210.71	-	5.72	5.82	6.05	6.09	-
571	Furniture and home furnishings stores	200.20	203.90	207.95	209.42	-	5.72	5.76	6.01	6.07	-
572	Household appliance stores	208.80	214.88	217.62	220.19	-	6.00	6.07	6.20	6.22	-
573	Radio, television, and music stores	183.48	197.64	207.78	208.46	-	5.56	5.83	6.04	6.06	-
58	EATING AND DRINKING PLACES	97.50	98.28	103.48	103.60	-	3.75	3.78	3.98	4.00	-
59	MISCELLANEOUS RETAIL	154.94	159.58	162.24	162.76	-	4.95	4.91	5.20	5.20	-
591	Drug stores and proprietary stores	133.32	133.95	142.85	144.13	-	4.55	4.51	4.96	4.97	-
594	Miscellaneous shopping goods stores	135.27	142.46	146.96	146.65	-	4.57	4.48	4.85	4.84	-
596	Nonstore retailers	194.25	204.84	191.18	190.86	-	5.73	5.77	5.69	5.63	-
598	Fuel and ice dealers	264.67	267.58	274.17	279.17	-	6.65	6.74	7.03	7.14	-
599	Retail stores, nec	166.33	166.32	170.30	172.33	-	5.01	4.95	5.24	5.27	-
	FINANCE, INSURANCE, AND REAL ESTATE	218.53	217.80	232.40	236.02	234.58	6.02	6.00	6.42	6.52	6.48
60	BANKING	187.61	184.91	200.39	202.38	-	5.14	5.08	5.49	5.56	-
602	Commercial and stock savings banks	184.69	182.14	197.47	199.47	-	5.06	4.99	5.41	5.48	-
61	CREDIT AGENCIES OTHER THAN BANKS	194.55	192.72	208.82	211.18	-	5.33	5.28	5.69	5.77	-
612	Savings and loan associations	183.82	181.00	192.77	195.12	-	5.05	5.00	5.34	5.39	-
614	Personal credit institutions	190.29	190.94	210.73	214.23	-	5.27	5.26	5.68	5.79	-
63	INSURANCE CARRIERS	244.40	244.50	268.93	273.02	-	6.50	6.52	7.21	7.30	-
631	Life insurance	251.92	253.05	284.24	286.48	-	6.70	6.73	7.60	7.66	-
632	Medical service and health insurance	234.08	235.16	254.60	258.91	-	6.16	6.14	6.70	6.76	-
633	Fire, marine, and casualty insurance	239.30	239.11	259.04	263.81	-	6.45	6.48	7.02	7.13	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry – Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Nov. 1980	Dec. 1980	Oct. 1981	Nov. 1981P	Dec. 1981P	Nov. 1980	Dec. 1980	Oct. 1981	Nov. 1981P	Dec. 1981P
	WHOLESALE TRADE DURABLE GOODS—Continued										
505	Metals and minerals, except petroleum	39.9	40.0	39.7	39.7	-	-	-	-	-	-
506	Electrical goods	39.1	39.0	39.2	39.1	-	-	-	-	-	-
507	Hardware, plumbing, and heating equipment	38.7	38.9	38.7	38.6	-	-	-	-	-	-
508	Machinery, equipment, and supplies	39.3	39.5	39.4	39.3	-	-	-	-	-	-
509	Miscellaneous durable goods	38.6	39.3	38.8	38.7	-	-	-	-	-	-
51	WHOLESALE TRADE NONDURABLE GOODS	37.9	38.0	38.2	38.2	-	-	-	-	-	-
511	Paper and paper products	37.0	37.1	36.9	37.1	-	-	-	-	-	-
512	Drugs, drug sundries, and sundries	37.2	37.3	36.9	37.1	-	-	-	-	-	-
513	Apparel, piece goods, and notions	37.2	37.3	37.5	37.1	-	-	-	-	-	-
514	Groceries and related products	37.8	38.1	38.6	38.6	-	-	-	-	-	-
516	Chemicals and allied products	39.2	39.6	38.7	38.8	-	-	-	-	-	-
517	Petroleum and petroleum products	39.9	40.2	39.5	39.4	-	-	-	-	-	-
518	Beer, wine, and distilled beverages	37.0	37.6	36.8	36.8	-	-	-	-	-	-
519	Miscellaneous nondurable goods	38.5	38.5	38.4	38.2	-	-	-	-	-	-
52-59	RETAIL TRADE	30.0	30.5	29.8	29.8	30..	-	-	-	-	-
52	BUILDING MATERIALS AND GARDEN SUPPLIES	36.9	36.9	36.8	36.6	-	-	-	-	-	-
521	Lumber and other building materials	38.7	38.8	38.4	38.2	-	-	-	-	-	-
525	Hardware stores	33.4	33.8	33.9	33.9	-	-	-	-	-	-
53	GENERAL MERCHANDISE STORES	29.2	30.6	28.9	28.7	-	-	-	-	-	-
531	Department stores	29.1	30.5	28.9	28.6	-	-	-	-	-	-
533	Variety stores	29.2	31.1	28.7	29.1	-	-	-	-	-	-
539	Misc. general merchandise stores	29.7	30.6	29.0	29.4	-	-	-	-	-	-
54	FOOD STORES	31.0	30.9	30.5	30.5	-	-	-	-	-	-
541	Grocery stores	31.2	31.1	30.7	30.7	-	-	-	-	-	-
546	Retail bakeries	29.2	29.3	28.6	28.6	-	-	-	-	-	-
55	AUTOMOTIVE DEALERS AND SERVICE STATIONS	37.6	37.5	37.4	37.5	-	-	-	-	-	-
551, 2	New and used car dealers	38.3	38.3	38.2	38.4	-	-	-	-	-	-
553	Auto and home supply stores	40.4	40.4	39.9	40.1	-	-	-	-	-	-
554	Gasoline service stations	35.6	35.3	35.4	35.3	-	-	-	-	-	-
56	APPAREL AND ACCESSORY STORES	28.2	25.5	28.4	28.3	-	-	-	-	-	-
561	Men's and boys' clothing and furnishings	31.3	32.7	31.2	30.8	-	-	-	-	-	-
562	Women's ready-to-wear stores	26.7	28.2	27.2	26.9	-	-	-	-	-	-
565	Family clothing stores	27.4	25.0	27.9	27.9	-	-	-	-	-	-
566	Shoe stores	28.8	28.8	28.3	28.5	-	-	-	-	-	-
57	FURNITURE AND HOME FURNISHINGS STORES	34.5	35.0	34.6	34.6	-	-	-	-	-	-
571	Furniture and home furnishings stores	35.0	35.4	34.6	34.5	-	-	-	-	-	-
572	Household appliance stores	34.8	35.4	35.1	35.4	-	-	-	-	-	-
573	Radio, television, and music stores	33.0	33.9	34.4	34.4	-	-	-	-	-	-
58	EATING AND DRINKING PLACES	26.0	26.0	26.0	25.9	-	-	-	-	-	-
59	MISCELLANEOUS RETAIL	31.3	32.5	31.2	31.3	-	-	-	-	-	-
591	Drug stores and proprietary stores	29.3	29.7	28.8	29.0	-	-	-	-	-	-
594	Miscellaneous shopping goods stores	29.6	31.8	30.3	30.3	-	-	-	-	-	-
596	Nonstore retailers	33.9	35.5	33.6	33.9	-	-	-	-	-	-
598	Fuel and ice dealers	35.8	35.7	35.0	35.1	-	-	-	-	-	-
599	Retail stores, nec	33.2	33.6	32.5	32.7	-	-	-	-	-	-
	FINANCE, INSURANCE, AND REAL ESTATE	36.3	36.3	36.2	36.2	36.2	-	-	-	-	-
60	BANKING	36.5	36.8	36.5	36.4	-	-	-	-	-	-
602	Commercial and stock savings banks	36.5	36.5	36.5	36.4	-	-	-	-	-	-
61	CREDIT AGENCIES OTHER THAN BANKS	36.5	36.5	36.7	36.6	-	-	-	-	-	-
612	Savings and loan associations	36.4	36.2	36.1	36.2	-	-	-	-	-	-
614	Personal credit institutions	36.1	36.3	37.1	37.0	-	-	-	-	-	-
63	INSURANCE CARRIERS	37.6	37.5	37.3	37.4	-	-	-	-	-	-
631	Life insurance	37.6	37.6	37.4	37.4	-	-	-	-	-	-
632	Medical service and health insurance	38.0	38.3	38.0	38.3	-	-	-	-	-	-
633	Fire, marine, and casualty insurance	37.1	36.9	36.9	37.0	-	-	-	-	-	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry – Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Nov. 1980	Dec. 1980	Oct. 1981	Nov. 1981[p]	Dec. 1981[p]	Nov. 1980	Dec. 1980	Oct. 1981	Nov. 1981[p]	Dec. 1981[p]
	SERVICES	$198.53	$199.51	$213.53	$216.45	$216.45	$6.09	$6.12	$6.57	$6.66	$6.66
	HOTELS AND OTHER LODGING PLACES										
701	Hotels, motels, and tourist courts	140.59	139.83	151.10	151.78	–	4.64	4.74	4.89	4.96	–
	PERSONAL SERVICES										
721	Laundry, cleaning, and garment services	155.04	156.56	165.43	169.69	–	4.56	4.63	4.88	4.90	–
723	Beauty shops	130.23	135.75	140.70	143.10	–	4.17	4.51	4.69	4.77	–
73	**BUSINESS SERVICES**	202.70	202.99	216.14	220.40	–	6.18	6.17	6.63	6.74	–
731	Advertising	302.74	299.88	315.23	326.45	–	8.48	8.40	8.93	9.17	–
734	Services to buildings	144.10	144.35	147.68	151.99	–	5.24	5.23	5.49	5.65	–
737	Computer and data processing services	271.58	274.91	307.05	307.56	–	7.34	7.41	8.21	8.29	–
75	**AUTO REPAIR, SERVICES, AND GARAGES**	235.60	235.98	249.00	248.44	–	6.20	6.21	6.57	6.59	–
753	Automotive repair shops	260.13	260.24	276.36	276.83	–	6.67	6.69	7.05	7.08	–
76	**MISCELLANEOUS REPAIR SERVICES**	283.29	286.44	301.86	301.46	–	7.19	7.27	7.76	7.77	–
78	**MOTION PICTURES**	232.10	251.35	242.86	251.51	–	8.44	9.14	9.13	9.42	–
787	Motion picture production and services	483.95	512.71	512.31	516.65	–	11.92	12.98	13.17	13.35	–
79	**AMUSEMENT AND RECREATION SERVICES**	175.53	177.61	187.24	193.58	–	5.93	5.98	6.20	6.41	–
80	**HEALTH SERVICES**	193.85	195.16	212.55	214.	–	5.91	5.95	6.52	6.55	–
801	Offices of physicians	200.85	203.36	212.80	219.	–	6.19	6.20	6.65	6.69	–
802	Offices of dentists	170.21	169.29	182.90	183.	–	5.91	5.90	6.44	6.45	–
805	Nursing and personal care facilities	130.71	132.25	141.83	144.	–	4.23	4.28	4.59	4.61	–
806	Hospitals	214.25	216.28	239.33	240.69	–	6.32	6.38	7.06	7.10	–
81	**LEGAL SERVICES**	265.48	263.50	281.47	288.65	–	7.74	7.66	8.23	8.44	–
89	**MISCELLANEOUS SERVICES**	343.14	340.74	366.72	374.90	–	9.03	8.92	9.60	9.84	–
891	Engineering and architectural services	375.77	372.09	404.15	413.68	–	9.66	9.59	10.31	10.58	–
893	Accounting, auditing, and bookkeeping	284.93	285.75	303.06	308.47	–	7.68	7.50	8.06	8.27	–

[1] For coverage of series, see footnote 1, table B-2.

[2] Beginning January 1978, data relate to line haul railroads with operating revenues of $50,000,000 or more.

[3] Data relate to employees in such occupations in the telephone industry as switchboard operators; service assistants; operating room instructors; and pay station attendants. In 1977, such employees made up 20 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.

[4] Data relate to employees in such occupations in the telphone industry as central office craft persons; installation and exchange repair craft persons; line, cable and conduit craft persons; and laborers. In 1977, such employees made up 37 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.

[5] Money payments only; tips, not included.

[6] Data for nonoffice sales agents excluded from all series in this division.

– Data not available.

p = preliminary.

NOTE: Data from April 1980 forward are subject to revision when more recent benchmark data are introduced. See "Benchmark adjustment" in the Explanatory notes of this publication.

[7] Corrected hours and earnings data for Railroad equipment (SIC 374) are shown below.

Month/year	Average weekly earnings	Average hourly earnings	Average weekly hours	Average overtime hours
January 1981	$398.24	$10.48	38.0	1.1
February 1981	399.24	10.59	37.7	1.8
March 1981	409.73	10.67	38.4	2.2
April 1981	411.09	10.65	38.6	2.2
May 1981	423.44	10.72	39.5	2.1
June 1981	419.62	10.82	38.8	2.4
July 1981	426.73	10.97	38.9	2.2
August 1981	431.04	10.94	39.4	2.3
September 1981	427.69	11.08	38.6	2.3

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Nov. 1980	Dec. 1980	Oct. 1981	Nov. 1981P	Dec. 1981P	Nov. 1980	Dec. 1980	Oct. 1981	Nov. 1981P	Dec. 1981P
	SERVICES	32.6	32.6	32.5	32.5	32.5	-	-	-	-	-
	HOTELS AND OTHER LODGING PLACES										
701	Hotels, motels, and tourist courts	30.3	25.5	30.9	30.6	-	-	-	-	-	-
	PERSONAL SERVICES										
721	Laundry, cleaning, and garment services	34.0	33.9	33.9	33.6	-	-	-	-	-	-
723	Beauty shops	29.8	30.1	30.0	30.0	-	-	-	-	-	-
73	BUSINESS SERVICES	32.8	32.9	32.6	32.7	-	-	-	-	-	-
731	Advertising	35.7	35.7	35.3	35.6	-	-	-	-	-	-
734	Services to buildings	27.5	27.6	26.9	26.9	-	-	-	-	-	-
737	Computer and data processing services	37.0	37.1	37.4	37.1	-	-	-	-	-	-
75	AUTO REPAIR, SERVICES, AND GARAGES	38.0	38.0	37.9	37.7	-	-	-	-	-	-
753	Automotive repair shops	39.0	38.9	39.2	39.1	-	-	-	-	-	-
76	MISCELLANEOUS REPAIR SERVICES	39.4	35.4	38.9	38.8	-	-	-	-	-	-
78	MOTION PICTURES	27.5	27.5	26.6	26.7	-	-	-	-	-	-
781	Motion picture production and services	40.6	39.5	38.9	38.7	-	-	-	-	-	-
79	AMUSEMENT AND RECREATION SERVICES	29.6	29.7	30.2	30.2	-	-	-	-	-	-
80	HEALTH SERVICES	32.8	32.8	32.6	32.7	-	-	-	-	-	-
801	Offices of physicians	32.5	32.8	32.0	32.0	-	-	-	-	-	-
802	Offices of dentists	28.8	28.5	28.4	28.4	-	-	-	-	-	-
805	Nursing and personal care facilities	30.9	30.9	30.9	31.2	-	-	-	-	-	-
806	Hospitals	33.9	33.9	33.9	33.9	-	-	-	-	-	-
81	LEGAL SERVICES	34.3	34.4	34.2	34.2	-	-	-	-	-	-
89	MISCELLANEOUS SERVICES	38.0	38.2	38.2	38.1	-	-	-	-	-	-
891	Engineering and architectural services	38.9	38.8	39.2	39.1	-	-	-	-	-	-
893	Accounting, auditing, and bookkeeping	37.1	38.1	37.6	37.3	-	-	-	-	-	-

C-3. Average hourly earnings excluding overtime of production workers on manufacturing payrolls by industry

Major industry group	Average hourly earnings excluding overtime				
	Nov. 1980	Dec. 1980	Oct. 1981	Nov. 1981p	Dec. 1981p
MANUFACTURING	$7.32	$7.40	$7.88	$7.93	$8.00
DURABLE GOODS	7.82	7.90	8.42	8.48	8.55
Lumber and wood products	6.51	6.48	6.88	6.92	-
Furniture and fixtures	5.51	5.54	5.90	5.93	-
Stone, clay, and glass products	7.45	7.48	8.12	8.17	-
Primary metal industries	9.91	9.95	10.62	10.77	-
Fabricated metal products	7.49	7.58	8.11	8.19	-
Machinery, except electrical	8.06	8.13	8.72	8.78	-
Electric and electronic equipment	7.05	7.13	7.62	7.65	-
Transportation equipment	9.42	9.60	10.28	10.31	-
Instruments and related products	6.80	6.90	7.41	7.49	-
Miscellaneous manufacturing industries	5.46	5.57	5.90	5.95	-
NONDURABLE GOODS	6.57	6.63	7.08	7.14	7.20
Food and kindred products	6.75	6.81	7.19	7.30	-
Tobacco manufactures	7.60	7.85	8.38	8.66	-
Textile mill products	5.10	5.12	5.52	5.54	-
Apparel and other textile products	4.67	4.73	4.98	4.98	-
Paper and allied products	7.75	7.83	8.39	8.48	-
Printing and publishing	7.53	7.59	8.14	8.15	-
Chemicals and allied products	8.27	8.35	9.01	9.09	-
Petroleum and coal products	10.05	9.95	10.94	11.03	-
Rubber and misc. plastics products	6.61	6.69	7.13	7.16	-
Leather and leather products	4.60	4.65	5.00	5.01	-

[1] Derived by assuming that overtime hours are paid at the rate of time and one-half.
[2] Not available as average overtime rates are significantly above time and one-half. Inclusion of data for the group in the nondurable goods total has little effect.

p = preliminary

NOTE: The spendable earnings series shown below will be discontinued after the March issue. See Editors' Note in this issue.

C-4. Gross and spendable average weekly earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division, in current and constant (1977) dollars

Industry	Gross average weekly earnings			Spendable average weekly earnings[2]					
				Worker with no dependents			Married worker with 3 dependents		
	Nov. 1980	Oct. 1981	Nov. 1981p	Nov. 1980	Oct. 1981	Nov. 1981p	Nov. 1980	Oct. 1981	Nov. 1981p
TOTAL PRIVATE:									
Current dollars	$244.28	$260.44	$261.10	$195.24	$207.07	$207.59	$213.37	$225.23	$225.73
Constant (1977) dollars	172.88	169.01	169.00	138.17	134.37	134.33	151.00	146.16	146.10
MINING:									
Current dollars	413.76	457.48	456.32	304.70	333.41	333.93	337.84	369.05	369.65
Constant (1977) dollars	292.82	296.84	296.65	215.64	216.36	216.14	239.09	239.49	239.26
CONSTRUCTION:									
Current dollars	376.83	416.25	407.74	282.59	308.25	303.06	311.81	339.97	331.97
Constant (1977) dollars	266.69	270.12	263.91	199.99	200.03	196.16	220.67	220.62	216.16
MANUFACTURING:									
Current dollars	305.52	323.56	324.32	237.24	249.93	250.42	259.83	272.84	273.40
Constant (1977) dollars	216.22	209.97	209.92	167.91	162.19	162.08	183.89	177.05	176.96
TRANSPORTATION AND PUBLIC UTILITIES:									
Current dollars	368.02	389.44	395.36	277.26	291.88	295.50	305.39	321.06	325.24
Constant (1977) dollars	260.45	252.72	255.90	196.22	189.41	191.26	216.13	208.35	210.51
WHOLESALE AND RETAIL TRADE:									
Current dollars	181.04	191.40	192.36	149.43	157.36	158.06	165.93	172.09	172.73
Constant (1977) dollars	128.12	124.21	124.50	105.90	102.12	102.30	117.43	111.67	111.80
FINANCE, INSURANCE, AND REAL ESTATE:									
Current dollars	218.53	232.40	236.02	176.99	187.29	189.84	193.75	203.85	206.61
Constant (1977) dollars	154.66	150.81	152.76	125.26	121.54	122.87	137.12	132.28	133.73
SERVICES:									
Current dollars	198.53	213.53	216.45	162.42	173.60	175.74	176.19	189.27	191.56
Constant (1977) dollars	140.50	138.57	140.10	114.95	112.65	113.75	126.10	122.82	123.99

[1] For coverage of series, see footnote 1, table B-2.
[2] Spendable earnings are calculated by taking the average weekly pay for all production or nonsupervisory jobs, both full time and part time, and then deducting social security and Federal income taxes applicable to a single worker or to a married worker with three dependents who earned this amount (see Explanatory Notes for the establishment data in the back of this publication). A technical note on the calculation and uses of the spendable earnings series is available on request.
p=preliminary.

C-5. Indexes of aggregate weekly hours and payrolls of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division and major manufacturing group

(1977=100)

Industry division and group	Nov. 1980	Dec. 1980	Oct. 1981	Nov. 1981P	Dec. 1981P
	Hours				
TOTAL PRIVATE	108.7	109.9	109.6	108.8	108.8
GOODS PRODUCING	104.0	104.3	103.4	101.0	99.2
MINING	126.5	129.2	142.1	141.7	142.3
CONSTRUCTION	119.3	114.3	119.8	113.6	106.7
MANUFACTURING	100.0	101.2	98.4	96.6	95.8
DURABLE GOODS	100.4	102.1	97.8	95.8	95.0
Lumber and wood products	91.5	92.4	85.5	80.7	79.7
Furniture and fixtures	97.7	101.0	100.7	97.9	98.7
Stone, clay, and glass products	97.1	95.0	92.8	91.1	87.9
Primary metal industries	92.6	95.7	88.3	85.9	83.4
Fabricated metal products	98.6	100.2	95.3	93.5	92.4
Machinery, except electrical	110.2	113.3	110.1	109.7	110.4
Electric and electronic equipment	107.7	110.0	108.2	105.3	104.6
Transportation equipment	94.0	95.3	87.0	84.6	85.1
Instruments and related products	113.4	114.7	111.3	111.7	111.3
Miscellaneous manufacturing industries	94.0	91.0	96.6	96.5	91.5
NONDURABLE GOODS	99.5	99.9	99.3	97.8	96.9
Food and kindred products	102.2	100.2	102.2	99.3	97.8
Tobacco manufactures	110.8	102.5	112.0	107.4	102.4
Textile mill products	92.9	93.9	89.0	87.7	86.5
Apparel and other textile products	95.2	94.7	96.8	95.4	91.4
Paper and allied products	100.2	102.6	99.2	98.1	98.1
Printing and publishing	107.6	111.8	109.1	110.0	112.8
Chemicals and allied products	100.9	101.5	100.5	100.3	101.2
Petroleum and coal products	104.4	101.2	100.9	99.5	100.9
Rubber and misc. plastics products	101.1	102.8	101.3	98.8	97.5
Leather and leather products	88.6	88.4	91.4	90.1	88.8
SERVICE PRODUCING	111.2	112.9	113.1	113.2	114.1
TRANSPORTATION AND PUBLIC UTILITIES	106.4	107.4	105.5	105.3	105.2
WHOLESALE AND RETAIL TRADE	107.6	111.1	108.1	108.6	111.1
WHOLESALE TRADE	111.0	112.0	112.5	112.1	112.0
RETAIL TRADE	106.3	110.7	106.4	107.2	110.8
FINANCE, INSURANCE, AND REAL ESTATE	115.9	116.1	118.1	117.8	117.7
SERVICES	116.1	116.3	120.4	120.2	119.9

[1] For coverage of series, see footnote 1, table B-2.

P preliminary

ESTABLISHMENT DATA
HOURS AND EARNINGS

C-5. Indexes of aggregate weekly hours and payrolls of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division and major manufacturing group—Continued

(1977=100)

Industry division and group	Nov. 1980	Dec. 1980	Oct. 1981	Nov. 1981P	Dec. 1981P
	Payrolls				
TOTAL PRIVATE	143.3	145.2	155.0	154.7	154.4
GOODS-PRODUCING	139.0	140.7	148.9	146.0	144.1
MINING	173.0	177.9	210.3	213.1	213.6
CONSTRUCTION	150.8	145.7	164.1	155.7	147.0
MANUFACTURING	133.8	137.1	141.2	139.4	139.4
DURABLE GOODS	134.4	138.5	140.5	138.2	138.3
Lumber and wood products	121.4	122.2	119.0	112.6	111.2
Furniture and fixtures	126.7	132.7	140.4	136.4	139.3
Stone, clay, and glass products	130.5	128.0	135.8	133.8	129.7
Primary metal industries	128.6	133.8	130.9	128.7	125.2
Fabricated metal products	129.7	133.7	135.4	133.3	133.4
Machinery, except electrical	147.7	154.0	159.3	159.5	162.3
Electric and electronic equipment	145.3	150.6	157.4	153.5	154.7
Transportation equipment	127.2	131.9	127.2	123.9	125.0
Instruments and related products	150.2	154.5	160.2	162.6	164.4
Miscellaneous manufacturing industries	121.1	119.7	134.3	135.4	130.5
NONDURABLE GOODS	132.8	134.7	142.6	141.5	141.2
Food and kindred products	134.7	133.1	143.3	141.2	140.9
Tobacco manufactures	157.1	149.9	173.3	172.7	163.0
Textile mill products	123.7	125.7	127.7	126.2	124.4
Apparel and other textile products	129.7	125.7	135.4	133.2	127.2
Paper and allied products	137.5	142.3	146.8	146.4	146.9
Printing and publishing	137.0	143.9	150.2	151.3	155.5
Chemicals and allied products	134.8	137.1	146.3	147.0	148.9
Petroleum and coal products	140.2	134.1	147.6	146.7	148.1
Rubber and misc. plastics products	134.5	138.6	144.8	141.3	140.9
Leather and leather products	115.3	116.3	128.9	127.4	126.3
SERVICE PRODUCING	146.3	148.4	159.2	160.8	161.6
TRANSPORTATION AND PUBLIC UTILITIES	141.0	142.8	150.3	151.6	151.7
WHOLESALE AND RETAIL TRADE	141.9	145.8	151.6	153.0	155.9
WHOLESALE TRADE	146.1	150.1	161.5	162.2	162.5
RETAIL TRADE	138.6	143.5	146.3	148.1	152.3
FINANCE, INSURANCE, AND REAL ESTATE	153.6	153.3	167.0	169.0	167.8
SERVICES	152.1	153.0	170.3	172.1	171.7

C-6. Average weekly hours of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division and major manufacturing group, seasonally adjusted

Industry	1980	1981										
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.p	Dec. p
TOTAL PRIVATE	35.3	35.3	35.2	35.3	35.4	35.3	35.2	35.3	35.2	34.9	35.0	35.0	34.9
MINING	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
CONSTRUCTION	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
MANUFACTURING	39.9	40.1	39.8	39.9	40.2	40.3	40.1	40.0	40.0	39.3	39.5	39.3	39.1
Overtime hours	3.0	3.0	2.8	2.8	2.9	3.2	3.0	3.0	3.0	2.7	2.7	2.5	2.4
DURABLE GOODS	40.4	40.6	40.1	40.4	40.8	40.8	40.5	40.5	40.5	39.7	39.9	39.7	39.4
Overtime hours	3.1	3.0	2.8	2.8	3.0	3.2	3.0	3.0	3.0	2.6	2.6	2.4	2.4
Lumber and wood products	39.3	39.8	39.1	39.1	39.6	39.8	39.0	38.8	38.6	37.3	37.6	37.5	37.7
Furniture and fixtures	38.4	38.5	38.6	38.6	38.8	39.0	38.9	38.5	38.6	37.5	38.1	37.8	37.7
Stone, clay, and glass products	41.0	41.3	40.6	40.7	41.2	41.0	40.8	40.9	40.8	40.3	40.0	40.2	39.9
Primary metal industries	41.2	41.1	40.7	41.0	41.2	41.0	40.8	40.5	40.7	40.6	39.8	39.6	39.0
Fabricated metal products	40.4	40.5	40.2	40.4	40.9	40.9	40.7	40.5	40.5	39.5	40.0	39.6	39.3
Machinery, except electrical	40.9	41.1	40.8	40.9	41.3	41.4	41.1	41.1	41.2	40.3	40.7	40.6	40.3
Electric and electronic equipment	40.0	40.1	39.6	40.0	40.2	40.4	40.2	40.5	40.4	39.6	39.9	39.3	39.2
Transportation equipment	41.0	41.3	40.5	40.9	42.0	41.8	41.4	41.2	41.3	39.9	40.5	40.3	39.5
Instruments and related products	40.4	40.6	40.5	40.5	40.1	40.4	40.4	40.5	40.8	40.5	40.4	40.3	40.3
Miscellaneous manufacturing ind	38.9	38.8	38.6	38.7	38.9	39.2	39.1	39.2	39.1	38.4	39.0	39.0	38.5
NONDURABLE GOODS	39.2	39.5	39.2	39.2	39.3	39.6	39.4	39.3	39.3	38.9	39.0	38.8	38.7
Overtime hours	2.9	3.0	2.9	2.8	2.9	3.1	3.0	2.9	2.9	2.8	2.8	2.7	2.4
Food and kindred products	39.7	40.3	39.9	39.7	40.1	40.0	39.8	39.4	39.4	39.2	39.5	39.5	39.7
Tobacco manufactures	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Textile mill products	40.1	40.0	40.0	39.9	39.8	40.5	40.2	40.4	40.3	38.9	39.3	38.9	38.3
Apparel and other textile products	35.5	36.1	35.6	35.7	35.5	36.0	36.1	35.9	36.1	35.2	35.7	35.6	35.1
Paper and allied products	42.8	42.6	42.4	42.4	42.6	42.8	42.7	42.7	42.7	43.1	42.4	41.9	41.6
Printing and publishing	37.4	37.5	37.3	37.1	37.3	37.6	37.4	37.3	37.3	37.1	37.1	36.9	37.2
Chemicals and allied products	41.6	41.6	41.6	41.5	41.5	41.7	41.7	41.8	41.7	42.3	41.5	41.3	41.6
Petroleum and coal products	43.2	43.8	43.8	43.5	44.1	43.8	43.4	43.1	42.8	43.3	42.1	42.3	43.6
Rubber and misc. plastics products	40.8	40.9	40.3	40.5	40.7	41.3	41.0	40.5	40.6	39.6	40.0	39.7	39.4
Leather and leather products	36.6	36.8	37.0	37.1	36.6	37.1	37.4	36.5	36.9	36.1	36.8	36.8	36.5
TRANSPORTATION AND PUBLIC UTILITIES	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
WHOLESALE AND RETAIL TRADE	32.1	32.2	32.2	32.2	32.3	32.1	32.1	32.2	32.1	32.1	31.9	32.0	31.9
WHOLESALE TRADE	38.6	38.8	38.6	38.6	38.6	38.5	38.5	38.7	38.6	38.5	38.5	38.6	38.4
RETAIL TRADE	30.0	30.1	30.2	30.2	30.3	30.1	30.1	30.1	30.1	30.1	29.9	29.9	29.8
FINANCE, INSURANCE, AND REAL ESTATE	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
SERVICES	32.7	32.7	32.8	32.8	32.8	32.7	32.5	32.5	32.4	32.4	32.5	32.6	32.6

[1] For coverage of series, see footnote 1, table B-2.

[2] This series is not published seasonally adjusted since the seasonal component is small relative to the trend-cycle and/or irregular components and consequently cannot be separated with sufficient precision.

p=preliminary

ESTABLISHMENT DATA
SEASONALLY ADJUSTED

C-7. Indexes of aggregate weekly hours of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division and major manufacturing group, seasonally adjusted

(1977=100)

Industry division and group	1980	1981										
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. p	Dec.
TOTAL PRIVATE	107.9	108.2	107.9	108.4	108.9	108.9	108.7	109.4	109.2	108.6	108.4	107.9	106.9
GOODS PRODUCING	102.3	102.4	100.9	102.4	102.8	103.1	102.6	103.5	103.4	101.1	100.8	99.1	97.
MINING	130.1	130.1	128.6	128.2	112.0	113.3	128.0	136.5	139.8	139.0	140.1	140.3	142.
CONSTRUCTION	115.6	113.9	109.1	116.6	115.8	112.9	109.3	110.9	110.0	105.2	109.8	110.1	107.
MANUFACTURING	98.5	98.9	98.0	98.4	99.9	100.7	100.2	100.5	100.4	98.5	97.2	95.0	93.
DURABLE GOODS	98.5	99.0	97.8	98.6	100.7	101.1	100.6	100.9	100.9	98.6	96.9	94.1	91.
Lumber and wood products	91.7	93.2	91.7	91.9	94.5	96.1	92.9	92.5	89.8	85.5	82.7	79.7	78.
Furniture and fixtures	96.4	96.6	97.4	97.4	100.5	102.6	102.6	102.3	102.3	98.4	98.4	95.4	93.
Stone, clay, and glass products	94.1	94.6	92.8	92.7	94.8	94.5	93.9	94.5	94.6	92.5	90.0	88.8	87.
Primary metal industries	94.6	94.6	94.0	94.7	95.7	94.8	94.6	93.5	94.4	93.6	89.0	86.1	82.
Fabricated metal products	96.1	96.2	95.3	96.2	98.2	98.7	98.4	98.8	98.4	95.5	94.3	91.2	88.
Machinery, except electrical	109.3	109.8	108.7	109.1	110.5	111.8	111.5	111.7	112.9	110.9	111.3	109.2	106.
Electric and electronic equipment	106.1	106.5	105.3	107.0	108.4	109.6	109.2	110.9	110.5	108.2	107.8	102.9	100.
Transportation equipment	88.3	89.1	86.8	88.7	93.3	92.2	91.9	91.1	91.6	88.8	84.7	82.1	78.
Instruments and related products	112.0	112.3	111.2	111.5	110.9	112.0	111.7	113.3	113.9	113.0	112.0	110.4	108.
Miscellaneous manufacturing ind	90.8	91.2	90.7	90.6	92.0	92.4	92.2	95.4	92.8	91.4	92.2	92.5	91.
NONDURABLE GOODS	98.4	98.9	98.3	98.1	98.7	100.1	99.5	99.8	99.5	98.5	97.8	96.4	95.
Food and kindred products	99.7	100.9	100.4	99.0	100.5	100.8	98.1	98.4	96.8	96.3	97.8	97.3	97.
Tobacco manufactures	97.1	98.4	98.1	96.5	96.5	98.4	98.3	103.2	100.1	103.3	98.1	95.8	94.
Textile mill products	91.6	91.2	90.9	90.7	90.7	92.6	92.1	93.7	92.7	89.6	88.7	86.4	84.
Apparel and other textile products	94.4	95.4	94.0	94.3	94.1	96.0	96.8	97.6	97.2	95.0	95.2	94.1	91.
Paper and allied products	100.4	99.9	99.2	99.1	99.9	100.8	100.7	100.9	101.1	103.0	99.2	97.1	95.
Printing and publishing	108.5	108.5	108.2	107.8	108.5	109.5	108.8	108.8	109.3	109.3	109.3	108.5	109.
Chemicals and allied products	100.6	100.8	101.1	101.0	101.2	102.0	102.5	102.4	102.2	103.8	101.0	99.8	100.
Petroleum and coal products	102.4	104.6	104.6	103.9	105.3	105.4	102.9	102.2	100.7	101.1	97.6	97.3	101.
Rubber and misc. plastics products	100.0	100.4	99.3	100.1	102.2	105.3	104.7	103.6	105.0	101.7	100.1	97.1	95.
Leather and leather products	88.1	88.5	89.5	89.3	88.5	90.6	91.4	91.4	91.5	89.5	90.8	89.5	88.
SERVICE PRODUCING	111.0	111.3	111.7	111.8	112.3	112.0	112.1	112.6	112.5	112.8	112.7	112.7	112.
TRANSPORTATION AND PUBLIC UTILITIES	106.6	105.0	105.4	105.1	105.4	104.9	106.2	106.0	105.2	105.5	104.0	104.6	103.
WHOLESALE AND RETAIL TRADE	105.9	106.6	106.8	106.9	107.2	106.9	107.0	107.8	107.9	108.0	107.7	107.2	106.
WHOLESALE TRADE	110.9	111.5	111.1	111.1	111.4	111.4	111.3	112.3	112.1	111.8	111.6	111.7	110.
RETAIL TRADE	103.9	104.7	105.2	105.4	105.6	105.2	105.3	106.0	106.2	106.6	106.2	105.4	104.
FINANCE, INSURANCE, AND REAL ESTATE	116.5	117.3	117.4	117.5	117.8	117.4	117.6	118.1	118.7	118.3	118.5	118.1	118.
SERVICES	117.3	117.7	118.2	118.4	119.3	119.2	118.7	119.3	119.0	119.6	120.1	120.8	120.

[1] For coverage of series, see footnote 1, table B-2.

p preliminary

C-8. Hourly Earnings Index and average hourly and weekly earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls, seasonally adjusted

Industry	1980	1981											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. p	Dec. p
Hourly Earnings Index[2] (1977=100)													
TOTAL PRIVATE (In current dollars)	132.6	133.8	135.0	135.8	136.7	137.7	138.4	139.0	140.7	141.5	141.9	143.2	143.3
MINING[3]	139.8	142.1	143.2	144.0	145.7	145.6	147.2	148.9	149.8	151.5	151.3	153.6	153.1
CONSTRUCTION	126.2	127.6	128.0	128.6	129.0	129.4	130.4	131.8	132.5	132.9	134.3	135.3	135.8
MANUFACTURING	135.4	136.5	137.5	138.5	139.9	140.7	141.6	142.5	143.6	144.8	145.5	146.4	146.9
TRANSPORTATION AND PUBLIC UTILITIES	132.8	133.7	135.4	136.1	137.3	138.8	139.8	139.3	141.8	141.7	142.0	143.9	144.2
WHOLESALE AND RETAIL TRADE	152.4	133.7	135.0	135.8	136.4	137.4	137.8	138.4	140.0	141.2	140.5	141.5	141.4
FINANCE, INSURANCE, AND REAL ESTATE	131.9	133.2	135.0	136.0	135.4	136.8	137.1	137.4	140.4	140.3	140.9	143.3	142.3
SERVICES	131.1	132.0	133.2	134.0	134.8	136.0	136.6	136.9	139.4	139.8	140.7	142.5	142.5
TOTAL PRIVATE (In 1977 dollars)[4]	92.7	92.8	92.7	92.8	93.0	93.1	92.9	92.2	92.7	92.1	92.0	92.4	-
Average hourly earnings													
TOTAL PRIVATE	$6.94	$6.99	$7.04	$7.09	$7.14	$7.18	$7.23	$7.26	$7.34	$7.37	$7.39	$7.44	$7.45
MINING	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
CONSTRUCTION	10.30	10.39	10.44	10.49	10.52	10.57	10.69	10.77	10.85	10.88	11.01	11.08	11.13
MANUFACTURING	7.63	7.69	7.74	7.80	7.90	7.95	7.99	8.02	8.08	8.14	8.15	8.17	8.19
TRANSPORTATION AND PUBLIC UTILITIES	9.26	9.33	9.44	9.48	9.57	9.67	9.74	9.71	9.88	9.88	9.89	9.98	10.03
WHOLESALE AND RETAIL TRADE	5.69	5.72	5.78	5.81	5.84	5.89	5.91	5.93	5.99	6.05	6.02	6.05	6.07
FINANCE, INSURANCE, AND REAL ESTATE	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
SERVICES	6.11	6.15	6.20	6.24	6.27	6.32	6.38	6.42	6.51	6.52	6.58	6.63	6.65
Average weekly earnings													
TOTAL PRIVATE:													
Current dollars	244.98	246.75	247.81	250.28	252.76	253.45	254.50	256.28	258.37	257.21	258.65	260.40	260.01
1977 dollars[4]	171.19	171.12	170.20	170.96	172.06	171.37	170.92	170.06	170.20	167.45	167.74	168.00	-
Real spendable earnings (married worker with 3 dependents, 1977 dollars)[4, 6]	149.48	148.38	147.49	147.96	148.73	148.07	147.62	146.74	146.71	144.83	145.18	145.29	-

[1] For coverage of series, see footnote 1, table B-2.

[2] The index excludes effects of two types of changes that are unrelated to underlying wage rate developments: Fluctuations in overtime premiums in manufacturing (the only sector for which overtime data are available) and the effects of changes in the proportion of workers in high-wage and low-wage industries.

[3] The unadjusted data are shown because the seasonal component is small relative to the trend-cycle and/or irregular components and consequently cannot be separated with sufficient precision.

[4] The deflator for these series is derived from the Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W).

[5] See footnote 2, table C-6.

[6] See footnote 2, table C-4.

p=preliminary.

C-9. Hours of wage and salary workers[1] in nonagricultural establishments by industry division

Industry division	Millions of hours (Annual rate)[2]			Percent change		
	OCTOBER r1981	NOVEMBER r1981	DECEMBER p1981	Dec. 1980 to Dec. 1981	Oct. 1981 to Nov. 1981	Nov. 1981 to Dec. 1981
TOTAL	170,653	169,956	170,038	-0.6	-0.4	0.0
PRIVATE SECTOR	139,980	139,720	138,762	-0.3	-0.2	-0.7
MINING	2,644	2,688	2,781	11.2	1.7	3.4
CONSTRUCTION	8,103	8,167	8,099	-5.3	0.8	-0.8
MANUFACTURING	41,632	41,128	40,686	-3.4	-1.2	-1.1
DURABLE GOODS	25,208	24,827	24,459	-4.5	-1.5	-1.5
NONDURABLE GOODS	16,425	16,300	16,227	-1.9	-0.8	-0.4
TRANSPORTATION AND PUBLIC UTILITIES	10,543	10,556	10,509	-1.1	0.1	-0.4
WHOLESALE AND RETAIL TRADE	35,063	34,992	34,521	-0.4	-0.2	-1.3
FINANCE, INSURANCE, AND REAL ESTATE	10,094	10,113	10,111	1.7	0.2	0.0
SERVICES	31,901	32,076	32,056	3.2	0.5	-0.1
GOVERNMENT	30,655	30,235	31,275	-2.0	-1.4	3.4

[1] Data refer to hours of all employees—production workers, nonsupervisory workers and salaried workers—and are based largely on establishment data. See *BLS Handbook of Methods for Surveys and Studies*, BLS Bulletin 1910—Chapter 30, Productivity Measures: Private Economy and Major Sectors.

[2] "Annual rate" refers to total hours paid for 1 week in the month, expressed as a seasonally adjusted annual equivalent.

PRODUCTIVITY
SEASONALLY ADJUSTED

C-10. Indexes of output and compensation per hour, unit costs, and prices, private business sector, seasonally adjusted

(1977 = 100)

Item	Annual average		Quarterly indexes										
			1979				1980				1981		
	1979	1980	I	II	III	IV	I	II	III	IV	I	II	III
PRIVATE BUSINESS SECTOR:													
Output per hour of all persons	99.5	99.3	99.7	99.7	99.4	99.1	99.5	99.1	99.4	99.1	100.3	101.1	r100.
Output	107.7	106.8	107.7	107.1	107.7	108.2	108.7	105.4	105.7	107.5	109.5	109.5	r109.
Hours	108.2	107.5	108.1	107.4	108.4	109.1	109.2	106.4	106.3	108.4	109.2	108.3	r108.
Compensation per hour	119.3	131.5	115.0	118.1	120.7	123.2	126.4	130.1	133.1	135.9	139.7	143.2	146.
Real compensation per hour	99.6	96.7	100.6	100.3	99.2	98.0	96.7	96.5	96.9	96.0	96.1	96.8	r 96.
Unit labor costs	119.9	132.4	115.4	118.5	121.4	124.3	127.0	131.3	133.9	137.0	139.4	141.6	r145.
Unit nonlabor payments	110.9	118.3	109.6	110.4	111.5	112.2	115.2	116.0	119.7	122.7	127.6	129.3	r132.
Implicit price deflator	116.9	127.6	113.4	115.8	118.1	120.2	123.0	126.1	129.1	132.2	135.4	137.5	r140.
NONFARM BUSINESS SECTOR:													
Output per hour of all persons	99.1	98.8	99.5	99.1	98.9	98.8	98.9	98.2	99.0	99.0	100.0	100.4	r 99.
Output	107.7	106.8	107.9	107.1	107.8	108.2	108.5	105.1	105.8	107.7	109.7	109.4	r109.
Hours	108.7	108.1	108.4	108.0	109.0	109.4	109.8	107.1	106.9	108.8	109.7	109.0	109.
Compensation per hour	119.0	130.8	114.9	117.7	120.2	123.0	126.0	129.4	132.3	135.4	139.1	142.4	145.
Real compensation per hour	99.3	96.2	100.4	100.0	98.8	97.8	96.4	96.0	96.3	95.6	95.7	96.3	95.
Unit labor costs	120.0	132.4	115.4	118.7	121.5	124.4	127.4	131.8	133.6	136.8	139.1	141.9	r145.
Unit nonlabor payments	108.5	117.6	107.1	107.7	109.2	110.1	113.9	115.1	119.2	122.0	127.8	128.7	r131.
Implicit price deflator	116.2	127.4	112.6	115.1	117.4	119.7	122.9	126.3	128.8	131.9	135.3	137.5	141.
MANUFACTURING:													
Output per hour of all persons	102.0	101.7	101.5	102.3	102.0	102.1	102.0	100.7	100.7	103.2	104.1	105.1	105.
Output	108.6	103.6	109.3	108.5	108.5	108.2	108.0	101.6	99.9	105.1	107.0	107.9	107.
Hours	106.5	101.9	107.7	106.1	106.4	106.0	105.9	100.9	99.2	101.8	102.8	102.6	102.
Compensation per hour	118.8	131.6	114.5	118.6	119.8	122.3	125.4	130.0	133.9	137.3	140.9	144.6	r147.
Real compensation per hour	99.2	96.7	100.2	100.7	98.5	97.2	95.9	96.4	97.5	97.0	96.9	97.8	r 97.
Unit labor costs	116.5	129.4	112.9	115.9	117.5	119.8	122.9	129.1	133.0	133.0	135.4	137.5	r140.
DURABLE GOODS													
Output per hour of all persons	100.7	99.6	100.7	101.6	100.1	100.3	99.9	98.9	98.3	101.1	102.2	103.7	r103.
Output	110.2	102.9	111.7	110.4	109.5	109.1	108.4	100.7	98.1	104.3	106.4	107.8	r107.
Hours	109.3	103.3	110.8	108.6	109.4	108.7	108.5	101.9	99.8	103.1	104.1	104.0	103.
Compensation per hour	118.4	131.6	114.1	118.4	119.3	121.5	125.1	129.9	134.1	137.7	141.4	145.0	r148.
Real compensation per hour	98.8	96.8	99.8	100.6	98.1	96.6	95.7	96.4	97.6	97.3	97.2	98.1	r 97.
Unit labor costs	117.5	132.1	113.2	116.6	119.2	121.1	125.3	131.4	136.4	136.2	138.3	139.9	r142.
NONDURABLE GOODS													
Output per hour of all persons	104.0	104.9	102.7	103.5	105.0	104.9	105.3	103.5	104.3	106.4	106.9	107.4	r108.
Output	106.4	104.8	105.7	105.9	107.0	107.0	107.4	102.9	102.6	106.3	107.8	108.1	r108.
Hours	102.3	99.9	103.0	102.2	101.9	102.0	101.9	99.4	98.4	99.9	100.9	100.6	100.
Compensation per hour	118.8	131.0	114.5	118.2	119.9	122.9	125.0	129.6	133.3	136.0	139.6	143.2	r146.
Real compensation per hour	99.2	96.3	100.1	100.4	98.6	97.7	95.7	96.2	97.1	96.1	96.0	96.9	r 96.
Unit labor costs	114.3	124.8	111.5	114.1	114.2	117.2	118.7	125.3	127.8	127.8	130.7	133.4	r135.
NONFINANCIAL CORPORATIONS:													
Output per all-employee hour	100.4	101.0	100.6	100.7	100.5	99.9	100.2	100.1	101.8	101.8	103.3	103.9	p103.
Output	109.3	108.5	109.5	109.0	109.4	109.3	109.9	106.8	107.7	109.7	112.8	112.8	p112.
Hours	108.8	107.5	108.9	108.3	108.9	109.4	109.6	106.7	105.8	107.8	109.1	108.6	p108.
Compensation per hour	118.7	130.7	114.5	117.6	120.1	122.7	125.7	129.3	132.5	135.5	139.2	142.3	p145.
Real compensation per hour	99.1	96.2	100.1	99.9	98.7	97.5	96.2	95.9	96.5	95.7	95.7	96.2	p 95.
Total unit costs	116.8	129.7	112.2	115.3	118.2	121.3	124.2	129.2	131.1	134.1	136.0	138.7	p142.
Unit labor costs	118.2	129.4	113.8	116.8	119.5	122.8	125.4	129.1	130.2	133.1	134.7	137.0	p140.
Unit nonlabor costs	112.7	130.2	107.8	111.2	114.6	117.2	120.9	129.3	133.8	136.9	139.5	143.6	p147.
Unit profits	99.0	90.2	105.6	100.7	97.5	92.2	95.5	83.4	89.1	92.4	106.8	102.8	p105.
Implicit price deflator	114.8	125.2	111.5	113.7	115.9	118.1	121.0	124.1	126.4	129.5	132.7	134.7	p138.

ppreliminary.
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C-11. Percent changes from preceding quarter and year in productivity, hourly compensation, unit costs, and prices, private business sector, seasonally adjusted at annual rate

Item	Quarterly percent change						Annual percent change					
	I 1980 to II 1980	II 1980 to III 1980	III 1980 to IV 1980	IV 1980 to I 1981	I 1981 to II 1981	II 1981 to III 1981	II 1979 to II 1980	III 1979 to III 1980	IV 1979 to IV 1980	I 1980 to I 1981	II 1980 to II 1981	III 1980 to III 1981
PRIVATE BUSINESS SECTOR:												
Output per hour of all persons	-1.8	1.3	-1.1	4.6	3.5	r-1.0	-0.6	0.0	0.0	0.7	2.1	r1.5
Output	-11.5	1.1	6.9	7.9	-0.1	r-0.3	-1.6	-1.9	-0.7	0.8	3.9	r3.5
Hours	-9.9	-0.2	8.1	3.1	-3.5	r0.8	-1.0	-1.9	-0.7	0.0	1.8	2.0
Compensation per hour	12.3	9.5	8.6	11.8	10.4	r9.2	10.1	10.3	10.3	10.5	10.1	10.0
Real compensation per hour	-0.7	1.6	-1.8	0.4	3.2	-2.4	-3.8	-2.3	-2.0	-0.7	0.3	-0.7
Unit labor costs	14.4	8.1	9.8	6.9	6.6	r10.3	10.8	10.3	10.3	9.7	7.8	r8.4
Unit nonlabor payments	2.6	13.7	10.2	17.2	5.3	r9.3	5.1	7.4	9.3	10.8	11.5	r10.4
Implicit price deflator	10.5	9.8	9.9	10.0	6.2	r10.0	9.0	9.4	10.0	10.1	9.0	9.0
NONFARM BUSINESS SECTOR:												
Output per hour of all persons	-2.9	3.6	-0.2	4.3	1.4	r-1.6	-1.0	0.1	0.1	1.1	2.2	r0.9
Output	-12.1	2.9	7.1	7.9	-1.1	r-1.3	-1.9	-1.8	-0.5	1.1	4.1	r3.1
Hours	-9.5	-0.7	7.3	3.5	-2.5	0.3	-0.9	-1.9	-0.6	0.0	1.9	2.1
Compensation per hour	11.3	9.0	9.8	11.6	9.6	r9.3	9.9	10.1	10.1	10.4	10.0	10.1
Real compensation per hour	-1.6	1.2	-2.7	0.2	2.4	r-2.3	-4.0	-2.5	-2.2	-0.8	0.2	-0.6
Unit labor costs	14.6	5.3	10.1	7.0	8.1	r11.1	11.0	9.9	9.9	9.2	7.6	r9.1
Unit nonlabor payments	4.2	15.0	9.9	20.3	3.0	r10.3	6.9	9.1	10.8	12.2	11.8	r10.7
Implicit price deflator	11.3	8.2	10.0	11.0	6.5	r10.9	9.7	9.6	10.2	10.1	8.9	9.6
MANUFACTURING:												
Output per hour of all persons	-4.9	0.0	10.4	3.3	4.1	r1.3	-1.6	-1.3	1.1	2.1	4.4	r4.7
Output	-21.6	-6.6	22.5	7.5	3.3	r0.0	-6.4	-7.9	-2.9	-0.9	6.2	r8.0
Hours	-17.6	-6.5	11.0	4.0	-0.7	-1.3	-4.9	-6.7	-4.0	-2.9	1.7	3.1
Compensation per hour	15.5	12.7	10.5	11.1	10.8	r9.0	9.6	11.7	12.2	12.4	11.3	r10.3
Real compensation per hour	2.1	4.5	-2.2	-0.3	3.5	r-2.7	-4.3	-1.0	-0.3	1.0	1.4	r-0.4
Unit labor costs	21.4	12.7	0.1	7.5	6.4	r7.6	11.3	13.2	11.0	10.2	6.6	r5.3
DURABLE GOODS												
Output per hour of all persons	-3.8	-2.4	12.0	4.5	5.6	r0.5	-2.6	-1.8	0.8	2.4	4.8	r5.6
Output	-25.3	-10.2	27.8	8.7	5.1	r-1.3	-8.7	-10.5	-4.4	-1.8	7.0	r9.5
Hours	-22.4	-8.0	14.0	4.0	-0.5	-1.8	-6.2	-8.8	-5.2	-4.1	2.1	r3.8
Compensation per hour	16.5	13.4	11.3	11.1	10.7	r9.1	9.7	12.4	13.3	13.0	11.6	r10.6
Real compensation per hour	2.9	5.2	-1.4	-0.3	3.5	r-2.5	-4.1	-0.5	0.7	1.6	1.7	r-0.2
Unit labor costs	21.1	16.2	-0.7	6.3	4.8	r8.6	12.7	14.5	12.4	10.4	6.5	r4.7
NONDURABLE GOODS												
Output per hour of all persons	-6.9	3.4	8.3	1.7	2.0	r2.4	-0.1	-0.6	1.5	1.5	3.8	r3.6
Output	-15.7	-1.0	15.3	5.8	0.8	r2.0	-2.8	-4.1	-0.6	0.4	5.0	r5.8
Hours	-9.4	-4.3	6.4	4.1	-1.1	-0.4	-2.7	-3.5	-2.1	-1.0	1.2	2.2
Compensation per hour	15.6	11.9	8.2	11.2	10.7	r8.7	9.7	11.2	10.6	11.7	10.5	r9.7
Real compensation per hour	2.2	3.8	-4.2	-0.2	3.5	r-2.8	-4.1	-1.5	-1.7	0.4	0.7	r-1.0
Unit labor costs	24.2	8.2	-0.1	9.3	8.6	r6.2	9.8	11.9	9.0	10.1	6.4	r5.9
NONFINANCIAL CORPORATIONS:												
Output per all-employee hour	-0.5	6.7	0.0	6.3	2.2	p-0.6	-0.5	1.3	1.9	3.1	3.8	p1.9
Output	-10.9	3.4	7.9	11.5	0.1	p-0.2	-2.0	-1.6	0.4	2.6	5.6	p4.7
Hours	-10.5	-3.1	7.9	4.8	-2.0	p0.4	-1.5	-2.8	-1.5	-0.5	1.8	p2.7
Compensation per hour	12.0	10.2	9.4	11.4	9.3	p9.0	9.9	10.3	10.4	10.8	10.1	p9.8
Real compensation per hour	-1.0	2.2	-3.1	0.0	2.1	p-2.6	-3.9	-2.2	1.9	-0.5	0.3	p-0.9
Total unit costs	17.0	6.2	9.4	5.6	8.4	p10.4	12.0	11.0	10.5	9.5	7.4	p8.4
Unit labor costs	12.6	3.2	9.4	4.8	7.0	p9.6	10.5	8.9	8.4	7.4	6.1	p7.7
Unit nonlabor costs	30.6	14.7	9.5	7.9	12.3	p12.3	16.3	16.8	16.8	15.4	11.1	p10.5
Unit profits	-41.9	30.3	15.7	77.9	-13.9	p8.9	-1/.2	-8.6	0.3	11.8	23.3	p17.9
Implicit price deflator	10.5	7.9	9.9	10.4	6.2	p10.2	9.1	9.1	9.6	9.7	8.6	p9.2

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p=preliminary.
r=revised.

C-12. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	NOV. 1980	OCT. 1981	NOV. 1981P	NOV. 1980	OCT. 1981	NOV. 1981P	NOV. 1980	OCT. 1981	NOV. 1981P
ALABAMA	$271.35	$286.63	$284.65	40.5	40.2	39.7	$6.70	$7.13	$7.17
Birmingham	302.40	321.98	320.23	43.0	39.8	39.1	7.56	8.09	8.19
Mobile	344.79	365.80	370.60	40.9	41.4	41.5	8.43	8.86	8.93
ALASKA	364.99	481.96	(*)	33.0	38.1	(*)	11.06	12.65	(*)
ARIZONA	310.84	325.12	328.28	40.9	39.6	39.6	7.60	8.21	8.29
Phoenix	305.78	319.57	323.53	41.1	39.6	39.6	7.44	8.07	8.17
Tucson	296.43	316.80	324.40	38.2	38.4	38.3	7.76	8.25	8.47
ARKANSAS	232.62	254.00	246.79	38.9	40.0	38.5	5.98	6.35	6.41
Fayetteville—Springdale	224.08	212.54	219.19	42.6	36.9	36.9	5.26	5.76	5.94
Fort Smith	229.74	256.21	240.68	38.1	39.6	37.2	6.03	6.47	6.47
Little Rock—North Little Rock	259.35	288.95	283.48	39.0	39.8	38.0	6.65	7.26	7.46
Pine Bluff	337.22	318.42	328.44	42.1	41.3	40.8	8.01	7.71	8.05
CALIFORNIA	320.00	347.90	354.12	40.0	39.4	39.7	8.00	8.83	8.92
Anaheim—Santa Ana—Garden Grove	308.66	333.52	341.85	41.1	39.8	40.6	7.51	8.38	8.42
Bakersfield	341.42	365.12	383.16	39.7	40.3	41.2	8.60	9.06	9.30
Fresno	282.59	297.83	296.58	38.5	37.7	37.4	7.34	7.90	7.93
Los Angeles—Long Beach	306.23	326.30	335.60	40.4	39.6	40.0	7.58	8.24	8.39
Modesto	314.72	323.76	344.46	40.4	38.0	40.1	7.79	8.52	8.59
Oxnard—Simi Valley—Ventura	275.92	289.85	313.58	39.7	37.4	40.1	6.95	7.75	7.82
Riverside—San Bernardino—Ontario	304.94	333.06	339.48	38.6	39.0	39.1	7.90	8.54	8.68
Sacramento	328.32	356.66	352.35	38.4	38.6	38.2	8.55	9.24	9.22
Salinas—Seaside—Monterey	289.17	299.39	300.57	38.3	36.6	36.7	7.55	8.18	8.19
San Diego	302.23	328.99	331.27	39.2	39.4	38.7	7.71	8.35	8.56
San Francisco—Oakland	382.94	418.70	419.10	39.5	39.5	39.5	9.72	10.60	10.61
San Jose	329.55	365.36	372.30	39.0	39.8	40.6	8.45	9.18	9.17
Santa Barbara—Santa Maria—Lompoc	274.32	295.91	303.74	38.8	37.6	38.4	7.07	7.87	7.91
Santa Rosa	274.50	302.64	303.41	37.5	38.8	38.7	7.32	7.80	7.84
Stockton	338.84	352.69	346.71	39.4	38.8	38.1	8.60	9.09	9.10
Vallejo—Fairfield—Napa	336.30	400.03	389.04	38.0	38.8	37.3	8.85	10.31	10.44
COLORADO	310.07	325.44	327.49	39.6	39.4	39.6	7.83	8.26	8.27
Denver—Boulder	309.68	324.92	329.78	39.5	39.1	39.4	7.84	8.31	8.37
CONNECTICUT	309.12	321.21	325.40	42.0	41.3	41.4	7.36	7.78	7.86
Bridgeport	323.57	339.20	344.16	42.8	42.4	42.7	7.56	8.00	8.06
Hartford	330.72	336.61	342.37	42.4	40.9	41.2	7.80	8.23	8.31
New Britain	323.79	352.06	331.06	43.0	42.3	41.8	7.53	7.85	7.92
New Haven—West Haven	282.91	300.60	304.50	40.3	39.5	39.7	7.02	7.61	7.67
Stamford	285.64	300.12	299.88	41.1	41.0	40.8	6.95	7.32	7.35
Waterbury	259.36	273.19	268.21	41.9	41.9	41.2	6.19	6.52	6.51
DELAWARE	342.61	324.37	321.01	43.7	38.8	39.1	7.84	8.36	8.21
Wilmington	396.49	370.60	373.97	44.4	39.3	39.2	8.93	9.43	9.54
DISTRICT OF COLUMBIA:									
Washington SMSA	330.79	358.02	351.66	39.1	39.3	38.9	8.46	9.11	9.04
FLORIDA	256.67	271.08	276.08	41.6	40.4	40.6	6.17	6.71	6.80
Fort Lauderdale—Hollywood	237.56	263.34	274.09	41.1	42.0	43.3	5.78	6.27	6.33
Jacksonville	297.97	323.94	325.55	41.5	42.4	42.5	7.18	7.64	7.66
Lakeland—Winter Haven	297.66	307.82	307.59	45.1	42.4	42.9	6.60	7.26	7.17
Miami	214.93	222.39	227.93	40.4	39.5	40.2	5.32	5.63	5.67
Orlando	271.05	299.11	296.44	41.7	43.1	42.9	6.50	6.94	6.91
Pensacola	326.36	329.33	351.12	42.8	41.9	44.0	7.63	7.86	7.98
Tampa—St. Petersburg	260.57	267.46	268.93	41.1	39.8	39.9	6.34	6.72	6.74
West Palm Beach—Boca Raton	297.84	289.88	287.43	43.8	40.6	40.2	6.80	7.14	7.15
GEORGIA	244.61	262.54	262.14	40.7	39.9	39.9	6.01	6.58	6.57
Atlanta	279.42	318.76	315.14	39.3	40.4	40.5	7.11	7.89	7.78
Savannah	340.55	339.90	346.48	44.4	41.1	42.1	7.67	8.27	8.23
HAWAII	276.64	306.54	299.15	38.8	39.3	38.7	7.13	7.80	7.73
Honolulu	277.29	301.06	300.27	38.3	38.4	38.3	7.24	7.84	7.84
IDAHO	291.07	307.97	(*)	37.9	38.4	(*)	7.68	8.02	(*)
Boise City	258.62	297.40	(*)	37.7	39.6	(*)	6.86	7.51	(*)

See footnotes at end of table.

C-12. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas—Continued

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	NOV. 1980	OCT. 1981	NOV. 1981P	NOV. 1980	OCT. 1981	NOV. 1981P	NOV. 1980	OCT. 1981	NOV. 1981P
ILLINOIS	$338.04	$366.00	$367.60	40.1	40.0	40.0	$8.43	$9.15	$9.19
Bloomington—Normal	285.84	325.78	333.52	39.7	38.6	39.1	7.20	8.44	8.53
Champaign—Urbana—Rantoul	257.71	319.20	315.37	35.4	38.9	38.5	7.28	8.18	8.21
Chicago SMSA	311.26	333.38	333.66	39.5	39.5	39.3	7.88	8.44	8.49
Davenport—Rock Island—Moline	395.00	446.13	434.30	39.5	39.1	38.4	10.00	11.41	11.31
Decatur	369.22	443.20	434.50	38.5	40.0	38.9	9.59	11.08	11.18
Kankakee	289.20	290.40	292.56	40.0	36.9	36.8	7.23	7.87	7.95
Peoria	407.15	482.21	476.08	39.3	39.3	38.9	10.36	12.27	12.27
Rockford	319.46	375.36	371.59	40.8	40.8	40.7	7.83	9.20	9.13
Springfield	337.60	406.65	411.88	40.0	40.5	40.7	8.44	10.09	10.12
INDIANA	361.08	377.94	376.10	40.8	39.7	39.3	8.85	9.52	9.57
Gary—Hammond—East Chicago	476.69	490.59	(*)	40.5	39.5	(*)	11.77	12.42	(*)
Indianapolis	362.97	385.16	(*)	41.2	40.5	(*)	8.81	9.51	(*)
IOWA	360.99	391.44	391.44	39.8	39.7	39.7	9.07	9.86	9.86
Cedar Rapids	372.19	397.13	396.73	40.5	40.4	40.4	9.10	9.83	9.82
Des Moines	362.00	405.30	377.35	38.8	38.6	36.6	9.33	10.50	10.31
Dubuque	390.78	440.90	423.84	38.5	39.9	39.1	10.15	11.05	10.84
Sioux City	331.69	288.02	294.91	41.0	37.6	38.4	8.09	7.66	7.68
Waterloo—Cedar Falls	460.37	502.19	492.03	38.3	38.6	38.5	12.02	13.01	12.78
KANSAS	314.06	336.56	336.91	41.0	40.5	40.3	7.66	8.31	8.36
Topeka	329.54	374.07	342.53	39.8	39.5	38.3	8.28	9.47	8.98
Wichita	353.17	369.24	378.31	41.5	40.8	41.3	8.51	9.05	9.16
KENTUCKY	310.31	314.70	303.16	40.3	38.9	37.8	7.70	8.09	8.02
Lexington—Fayette	298.22	306.54	315.19	39.5	39.2	39.7	7.55	7.82	8.04
Louisville	365.38	389.21	358.24	41.1	40.5	37.2	8.89	9.61	9.63
LOUISIANA	334.82	357.66	359.45	41.8	41.3	41.7	8.01	8.66	8.62
Baton Rouge	421.97	462.21	444.15	44.7	42.6	42.3	9.44	10.85	10.50
New Orleans	347.11	351.02	363.72	42.8	41.2	42.0	8.11	8.52	8.66
Shreveport	291.93	320.79	320.40	40.1	40.3	40.1	7.28	7.96	7.99
MAINE	250.19	276.89	276.40	39.4	40.6	40.0	6.35	6.82	6.96
Lewiston—Auburn	201.60	208.62	219.62	38.4	36.6	37.8	5.25	5.70	5.81
Portland	237.31	264.40	258.23	38.4	40.0	38.6	6.18	6.61	6.69
MARYLAND	318.77	336.76	335.20	40.3	39.9	40.0	7.91	8.44	8.48
Baltimore	335.78	355.12	362.30	40.8	40.4	40.8	8.23	8.79	8.88
MASSACHUSETTS	266.45	280.45	(*)	39.3	39.5	(*)	6.78	7.10	(*)
Boston	292.40	305.71	(*)	40.0	39.6	(*)	7.31	7.72	(*)
Brockton	221.50	232.46	(*)	40.2	39.4	(*)	5.51	5.90	(*)
Fall River	190.61	215.18	(*)	35.8	37.1	(*)	5.33	5.80	(*)
Lawrence—Haverhill	280.89	297.65	(*)	40.3	39.9	(*)	6.97	7.46	(*)
Lowell	240.86	256.71	(*)	39.1	39.8	(*)	6.16	6.45	(*)
New Bedford	209.55	228.12	(*)	35.1	35.7	(*)	5.97	6.39	(*)
Springfield—Chicopee—Holyoke	268.11	290.58	(*)	40.5	41.1	(*)	6.62	7.07	(*)
Worcester	265.67	292.35	(*)	39.3	39.4	(*)	6.76	7.42	(*)
MICHIGAN	407.46	437.66	429.12	40.8	40.3	39.6	9.99	10.86	10.83
Ann Arbor	435.43	477.96	475.40	41.3	41.4	41.8	10.54	11.55	11.36
Battle Creek	387.69	445.25	416.81	40.2	40.5	39.9	9.64	11.00	10.44
Bay City	380.51	373.71	379.28	41.8	41.0	40.8	9.10	9.12	9.29
Detroit	454.20	464.47	464.23	42.6	40.5	40.5	10.66	11.46	11.47
Flint	464.59	529.03	483.01	41.4	42.1	38.8	11.22	12.57	12.44
Grand Rapids	331.78	361.94	352.67	40.3	40.1	39.5	8.23	9.03	8.92
Jackson	378.92	399.62	382.13	42.7	42.4	40.7	8.87	9.42	9.39
Kalamazoo—Portage	364.99	387.32	389.76	40.6	39.1	39.3	8.99	9.91	9.91
Lansing—East Lansing	395.55	506.53	485.85	37.7	40.5	38.9	10.49	12.51	12.61
Muskegon—Norton Shores—Muskegon Heights	343.02	376.49	370.25	40.1	40.5	39.9	8.55	9.30	9.28
Saginaw	447.20	486.55	478.21	39.6	38.8	38.5	11.29	12.54	12.41
MINNESOTA	310.45	338.45	339.16	39.1	39.4	39.3	7.94	8.59	8.63
Duluth—Superior	274.88	334.37	342.41	37.5	38.7	39.7	7.33	8.64	8.65
Minneapolis—St. Paul	327.66	358.93	359.33	39.1	39.4	39.4	8.39	9.11	9.12
St. Cloud	218.05	258.11	255.64	32.4	36.2	35.4	6.73	7.13	7.23

See footnotes at end of table.

C-12. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas—Continued

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	NOV. 1980	OCT. 1981	NOV. 1981P	NOV. 1980	OCT. 1981	NOV. 1981P	NOV. 1980	OCT. 1981	NOV. 1981P
MISSISSIPPI	$223.51	$240.73	$240.47	39.7	39.4	39.1	$5.63	$6.11	$6.15
Jackson	253.75	261.09	258.69	40.6	39.8	38.9	6.25	6.56	6.65
MISSOURI	300.12	311.63	316.72	39.7	39.1	39.3	7.56	7.97	8.11
Kansas City	346.12	359.99	372.27	40.2	39.3	39.9	8.61	9.16	9.33
St. Joseph	293.64	288.25	287.25	41.3	38.9	38.3	7.11	7.41	7.50
St. Louis	337.55	357.90	364.72	39.9	39.2	39.6	8.46	9.13	9.21
Springfield	268.19	290.31	281.99	38.7	38.3	37.3	6.93	7.58	7.56
MONTANA	372.20	372.65	370.27	42.2	40.2	39.9	8.82	9.27	9.28
NEBRASKA	314.57	321.40	324.77	40.8	41.1	40.8	7.71	7.82	7.96
Lincoln	300.05	299.75	307.51	39.9	37.8	38.2	7.52	7.93	8.05
Omaha	310.37	336.15	346.23	40.1	39.5	40.4	7.74	8.51	8.57
NEVADA	309.60	344.42	350.98	38.7	38.1	38.4	8.00	9.04	9.14
Las Vegas	373.05	473.61	(*)	38.9	39.9	(*)	9.59	11.87	(*)
NEW HAMPSHIRE	244.80	259.38	262.15	40.0	39.6	39.6	6.12	6.55	6.62
Manchester	231.87	241.86	243.51	39.5	39.2	38.9	5.87	6.17	6.26
Nashua	273.23	291.06	293.52	40.3	39.6	39.4	6.78	7.35	7.46
NEW JERSEY	311.88	328.44	330.46	41.2	40.8	41.0	7.57	8.05	8.06
Atlantic City	229.91	250.24	253.68	35.7	36.8	36.5	6.44	6.80	6.95
Camden [1]	324.79	327.20	343.21	41.8	40.0	41.5	7.77	8.18	8.27
Hackensack [2]	281.31	298.39	299.43	41.8	41.5	41.3	6.73	7.19	7.25
Jersey City [2]	307.44	309.14	322.22	42.0	40.2	41.1	7.32	7.69	7.84
New Brunswick—Perth Amboy—Sayreville [2]	378.01	397.61	390.92	43.4	42.8	43.1	8.71	9.29	9.07
Newark [2]	320.38	346.09	349.00	41.5	41.3	41.4	7.72	8.38	8.43
Paterson—Clifton—Passaic [2]	298.07	317.69	323.88	42.4	42.7	43.3	7.03	7.44	7.48
Trenton	326.41	325.14	325.92	40.1	38.8	38.8	8.14	8.38	8.40
NEW MEXICO	243.60	257.04	267.85	40.6	37.8	39.8	6.00	6.80	6.73
Albuquerque	255.01	271.74	280.19	41.6	38.6	40.2	6.13	7.04	6.97
NEW YORK	296.96	310.83	315.20	39.7	39.0	39.4	7.48	7.97	8.00
Albany—Schenectady—Troy	319.09	332.33	330.85	40.7	39.8	40.2	7.84	8.35	8.23
Binghamton	278.94	298.49	303.68	40.9	41.4	41.6	6.82	7.21	7.30
Buffalo	396.32	404.24	412.63	40.9	39.4	40.1	9.69	10.26	10.29
Elmira	294.74	309.50	320.80	40.1	40.3	40.1	7.35	7.68	8.00
Monroe County [3]	409.70	416.98	430.14	42.5	40.8	41.6	9.64	10.22	10.34
Nassau—Suffolk [4]	286.22	305.20	307.59	40.2	40.0	40.2	7.12	7.63	7.65
New York--Northeastern New Jersey	284.57	(*)	(*)	39.8	(*)	(*)	7.15	(*)	(*)
New York and Nassau—Suffolk [4]	257.56	272.95	274.14	38.1	37.7	38.0	6.76	7.24	7.23
New York SMSA [4]	250.42	264.15	265.54	37.6	37.1	37.4	6.66	7.12	7.10
New York City [5]	245.23	259.78	263.75	37.1	36.9	37.2	6.61	7.04	7.09
Poughkeepsie	314.79	326.56	335.62	43.6	42.8	43.7	7.22	7.63	7.68
Rochester	381.49	387.73	398.40	42.2	40.6	41.2	9.04	9.55	9.67
Rockland County [6]	285.82	312.78	317.58	40.6	40.1	40.2	7.04	7.80	7.91
Syracuse	327.92	344.69	349.21	41.3	40.6	40.7	7.94	8.49	8.58
Utica—Rome	274.51	300.00	302.35	39.9	40.0	40.1	6.88	7.50	7.54
Westchester County [6]	286.71	288.04	284.11	40.9	37.8	38.5	7.01	7.62	6.86
NORTH CAROLINA	222.16	240.07	238.39	39.6	39.1	38.7	5.61	6.14	6.16
Asheville	225.89	233.83	239.40	40.7	39.7	39.9	5.55	5.89	6.00
Charlotte—Gastonia	227.96	241.38	242.36	41.0	39.7	39.7	5.56	6.08	6.13
Greensboro—Winston-Salem—High Point	246.36	265.59	264.71	39.8	39.0	38.7	6.19	6.81	6.84
Raleigh—Durham	256.65	273.62	282.71	40.1	39.2	40.1	6.45	6.98	7.05
NORTH DAKOTA	258.78	278.32	270.07	38.0	39.2	38.2	6.81	7.10	7.07
Fargo—Moorhead	274.90	286.21	284.40	36.8	39.1	38.8	7.47	7.32	7.33
OHIO	374.67	393.50	398.45	41.4	40.4	40.7	9.05	9.74	9.79
Akron	386.62	397.99	397.65	42.3	41.2	41.1	9.14	9.66	9.68
Canton	357.50	395.41	409.85	39.2	39.7	40.7	9.12	9.96	10.07
Cincinnati	353.22	365.08	368.92	41.9	40.7	40.9	8.43	8.97	9.02
Cleveland	378.37	400.66	400.25	41.5	40.8	40.8	9.11	9.82	9.81
Columbus	326.73	353.03	361.00	39.7	39.8	40.2	8.23	8.87	8.98
Dayton	390.50	412.17	412.76	42.4	41.3	41.4	9.21	9.98	9.97
Toledo	389.87	416.34	415.93	41.3	41.1	41.1	9.44	10.13	10.12
Youngstown—Warren	458.02	460.45	471.07	41.6	39.9	40.5	11.01	11.54	11.63

See footnotes at end of table.

C-12. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas—Continued

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	NOV. 1980	OCT. 1981	NOV. 1981P	NOV. 1980	OCT. 1981	NOV. 1981P	NOV. 1980	OCT. 1981	NOV. 1981P
OKLAHOMA	$318.89	$333.26	$337.24	41.2	39.3	40.1	$7.74	$8.48	$8.41
Oklahoma City	334.91	356.43	347.06	41.5	38.7	39.8	8.07	9.21	8.72
Tulsa	337.43	355.12	365.72	41.2	40.4	41.0	8.19	8.79	8.92
OREGON	344.79	360.47	357.93	38.3	37.2	36.9	9.00	9.69	9.70
Eugene—Springfield	375.01	372.37	376.84	39.6	37.2	37.2	9.47	10.01	10.13
Jackson County	353.13	336.17	(*)	39.5	36.5	(*)	8.94	9.21	(*)
Portland	341.51	375.12	369.50	38.2	38.2	37.9	8.94	9.82	9.76
Salem	298.68	290.23	298.46	35.6	34.8	33.5	8.39	8.34	8.91
PENNSYLVANIA	312.44	329.22	333.26	39.4	39.1	39.3	7.93	8.42	8.48
Allentown—Bethlehem—Easton	313.73	342.03	340.56	38.4	39.0	38.7	8.17	8.77	8.80
Altoona	254.69	284.70	282.90	37.9	39.0	38.7	6.72	7.30	7.31
Delaware Valley *	323.69	337.79	344.00	40.4	39.6	40.0	8.01	8.53	8.60
Erie	326.40	361.47	366.54	40.8	41.5	41.7	8.00	8.71	8.79
Harrisburg	291.05	300.30	304.97	40.2	39.0	38.8	7.24	7.70	7.86
Johnstown	318.54	333.14	321.82	37.3	37.6	37.0	8.54	8.86	8.69
Lancaster	274.04	289.58	291.65	40.3	39.4	39.2	6.80	7.36	7.44
Northeast Pennsylvania	222.04	237.54	236.90	36.4	37.0	36.9	6.10	6.42	6.42
Philadelphia SMSA	323.16	336.26	344.16	40.7	39.7	40.3	7.94	8.47	8.54
Pittsburgh	364.87	409.46	413.82	39.8	39.6	39.6	9.67	10.34	10.45
Reading	292.90	310.46	314.03	40.0	39.2	39.6	7.32	7.92	7.93
Scranton	222.23	246.24	244.05	37.1	38.9	38.8	5.99	6.33	6.29
Wilkes-Barre—Hazleton *	222.48	232.05	232.76	36.0	35.7	35.7	6.18	6.50	6.52
Williamsport	296.34	321.96	326.03	40.1	40.6	40.3	7.39	7.93	8.09
York	283.68	312.57	312.48	40.7	41.4	40.9	6.97	7.55	7.64
RHODE ISLAND	226.58	244.14	251.60	39.2	39.0	40.0	5.78	6.26	6.29
Providence—Warwick—Pawtucket	225.19	243.20	250.63	39.3	39.1	40.1	5.73	6.22	6.25
SOUTH CAROLINA	238.21	257.35	256.88	41.0	40.4	40.2	5.81	6.37	6.39
Charleston—North Charleston	274.90	272.13	276.25	41.4	38.6	38.7	6.64	7.05	7.19
Columbia	228.80	242.35	243.89	40.0	39.6	39.4	5.72	6.12	6.19
Greenville—Spartanburg	233.16	252.94	254.34	40.2	40.6	40.5	5.80	6.23	6.28
SOUTH DAKOTA	298.47	287.00	298.91	43.7	41.0	41.4	6.83	7.00	7.22
Rapid City	227.24	255.25	253.71	34.8	35.6	35.4	6.53	7.17	7.28
Sioux Falls	442.64	444.71	472.71	50.3	43.9	47.7	8.80	10.13	9.91
TENNESSEE	254.70	269.96	269.84	40.3	39.7	39.8	6.32	6.80	6.78
Chattanooga	263.63	268.37	267.65	41.0	40.6	40.8	6.43	6.61	6.56
Knoxville	286.34	298.70	300.27	40.5	39.2	39.2	7.07	7.62	7.66
Memphis	290.16	310.54	315.12	40.3	40.7	40.4	7.20	7.63	7.80
Nashville—Davidson	269.45	305.45	314.50	39.8	41.0	41.6	6.77	7.45	7.56
TEXAS	310.67	340.72	347.36	41.7	41.4	41.8	7.45	8.23	8.31
Abilene	210.08	218.82	219.58	42.7	40.9	41.9	4.92	5.35	5.25
Amarillo	298.78	313.56	316.81	42.2	39.0	39.8	7.08	8.04	7.96
Austin	240.78	267.21	266.74	41.3	41.3	41.1	5.82	6.47	6.49
Beaumont—Port Arthur—Orange	423.49	458.02	445.49	41.6	41.6	40.9	10.18	11.01	10.89
Corpus Christi	333.31	360.83	366.21	42.1	42.5	41.9	7.91	8.49	8.74
Dallas—Fort Worth	293.15	311.95	317.46	41.7	40.2	40.7	7.03	7.76	7.80
El Paso	208.37	240.62	233.36	43.5	45.4	43.7	4.79	5.30	5.34
Galveston—Texas City	443.06	502.36	492.57	41.1	42.9	42.1	10.78	11.71	11.70
Houston	384.09	426.52	427.72	43.4	43.7	43.6	8.85	9.76	9.81
Longview—Marshall	306.41	328.45	325.61	40.8	40.6	40.1	7.51	8.09	8.12
Lubbock	244.55	268.18	274.56	41.1	42.1	42.9	5.95	6.37	6.40
San Angelo	216.65	235.56	242.78	42.5	39.0	39.6	5.09	6.04	6.10
San Antonio	222.48	241.19	244.61	41.2	40.4	40.7	5.40	5.97	6.01
Sherman—Denison	271.35	282.30	285.57	40.2	38.2	38.8	6.75	7.39	7.36
Waco	261.25	270.40	287.47	41.6	40.0	42.4	6.28	6.76	6.78
Wichita Falls	277.32	311.33	315.31	40.3	41.4	41.9	6.84	7.52	7.53
UTAH	291.00	319.20	317.60	39.7	39.9	40.0	7.33	8.00	7.94
Salt Lake City—Ogden	281.20	311.18	307.57	40.0	40.1	40.1	7.03	7.76	7.67
VERMONT	255.60	279.30	278.78	40.0	39.9	39.9	6.39	7.00	7.02
Burlington	285.95	305.44	309.67	42.3	41.5	41.4	6.76	7.36	7.48
Springfield	290.87	305.63	302.48	41.2	39.9	39.8	7.06	7.66	7.60

See footnotes at end of table.

C-12. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas—Continued

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	NOV. 1980	OCT. 1981	NOV. 1981p	NOV. 1980	OCT. 1981	NOV. 1981p	NOV. 1980	OCT. 1981	NOV. 1981p
VIRGINIA	$258.55	$278.20	$276.59	39.9	39.8	39.4	$6.48	$6.99	$7.02
Bristol	213.33	224.48	223.74	38.3	38.8	38.5	5.57	6.10	6.13
Lynchburg	262.84	271.72	285.42	40.5	39.9	40.6	6.49	6.81	7.03
Norfolk—Virginia Beach—Portsmouth	289.57	295.89	302.81	40.9	40.7	40.7	7.08	7.27	7.44
Northern Virginia [1]	285.42	302.51	306.51	40.2	39.7	40.7	7.10	7.62	7.58
Petersburgh—Colonial Heights—Hopewell	322.32	341.88	343.57	40.8	39.8	39.4	7.90	8.59	8.72
Richmond	342.63	362.03	358.57	40.5	41.0	40.7	8.46	8.83	8.81
Roanoke	248.47	270.91	266.53	40.8	40.8	39.9	6.09	6.64	6.69
WASHINGTON	385.50	423.65	418.35	38.9	39.3	38.7	9.91	10.78	10.81
Seattle—Everett	431.54	444.05	444.21	39.6	39.3	39.6	10.15	11.30	11.22
Spokane	350.35	376.10	376.94	38.5	38.8	37.1	9.10	10.22	10.16
Tacoma	363.21	421.29	416.43	37.1	38.9	38.1	9.79	10.83	10.93
WEST VIRGINIA	342.34	346.72	360.11	39.9	39.4	39.1	8.58	8.80	9.21
Charleston	389.38	431.57	428.69	41.6	42.9	41.9	9.36	10.06	10.47
Huntington—Ashland	393.01	395.26	413.56	40.6	38.3	39.2	9.68	10.32	10.55
Parkersburg—Marietta	362.32	387.03	406.29	41.9	40.4	41.5	8.64	9.58	9.79
Wheeling	378.46	392.78	411.13	39.3	39.2	39.8	9.63	10.02	10.33
WISCONSIN	343.75	358.32	366.24	40.7	39.9	40.3	8.44	8.98	9.09
Appleton—Oshkosh	336.26	355.11	357.36	41.8	41.3	41.4	8.04	8.60	8.63
Eau Claire	347.86	351.09	358.27	42.8	40.9	41.1	8.13	8.58	8.72
Green Bay	348.30	369.85	378.90	41.4	40.9	41.3	8.41	9.04	9.18
Janeville—Beloit	401.18	370.80	368.18	41.7	40.3	40.4	9.62	9.21	9.12
Kenosha	395.79	362.87	410.26	40.1	37.8	38.8	9.87	9.59	10.57
La Crosse	295.80	316.03	326.46	40.3	39.6	40.1	7.35	7.97	8.14
Madison	335.00	341.97	335.98	39.0	39.6	37.9	8.59	8.64	8.86
Milwaukee	377.77	395.88	404.91	40.8	39.6	40.3	9.25	9.99	10.05
Racine	358.16	390.09	393.44	40.2	40.1	40.2	8.90	9.73	9.80
WYOMING	292.04	318.00	318.76	39.2	40.0	39.3	7.45	7.95	8.06
VIRGIN ISLAND	314.57	362.47	392.77	41.5	40.5	42.6	7.58	8.95	9.22

[1] Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.
[2] Subarea of New York—Northeastern New Jersey.
[3] Subarea of Rochester Standard Metropolitan Statistical Area.
[4] Area included in New York and Nassau-Suffolk combined SMSA's.
[5] Subarea of New York Standard Metropolitan Statistical Area.
[6] Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pennsylvania.
[7] Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Lackawanna County.
[8] Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Luzerne County.
[9] Subarea of Washington, D.C. Standard Metropolitan Statistical Area: Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park cities and Arlington, Fairfax, Loudoun, and Prince William Counties, Virginia.
p = preliminary.
* Not available.

SOURCE: Cooperating State agencies listed on inside back cover.

D-1. Labor turnover rates in manufacturing, 1971 to date

(Per 100 employees)

Year	Annual average	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total accessions													
1971		3.8	3.7	3.7	3.8	3.8	3.8	3.8	4.0	4.0	3.9	4.0	4.2
1972		4.3	4.3	4.4	4.4	4.4	4.3	4.3	4.5	4.5	4.6	4.7	4.9
1973		5.0	5.2	5.1	4.9	4.8	4.7	4.6	4.6	4.8	4.8	5.0	4.7
1974		4.7	4.6	4.5	4.6	4.5	4.3	4.3	4.1	4.0	3.8	3.3	3.1
1975		3.0	3.2	3.2	3.6	3.7	3.8	4.0	4.0	3.9	3.8	3.8	3.8
1976		4.2	4.1	4.2	4.1	4.0	3.8	3.9	3.8	3.7	3.6	3.8	3.8
1977		3.9	4.5	4.1	4.0	4.0	4.0	4.0	4.0	3.9	4.0	4.0	4.3
1978		4.0	3.9	3.9	4.2	4.0	4.1	4.1	4.1	4.2	4.2	4.2	4.3
1979		4.1	4.1	4.0	4.0	4.0	4.1	3.9	3.9	3.9	3.9	3.9	3.8
1980		3.9	3.8	3.7	3.2	3.1	3.4	3.5	3.6	3.7	3.7	3.6	3.5
1981		3.5	3.5	3.4	3.4	3.1	3.4	3.4	3.2	2.9	2.9	P3.1	
New hires													
1971		2.4	2.4	2.4	2.3	2.5	2.5	2.6	2.6	2.6	2.5	2.7	2.9
1972		3.0	3.1	3.2	3.2	3.3	3.2	3.2	3.3	3.4	3.6	3.7	4.0
1973		4.0	4.2	4.1	4.0	4.0	3.8	3.7	3.7	3.8	3.9	4.1	3.8
1974		3.8	3.7	3.6	3.5	3.5	3.3	3.3	3.1	3.0	2.7	2.3	1.9
1975		1.6	1.6	1.5	1.7	1.8	1.9	2.3	2.3	2.4	2.3	2.4	2.5
1976		2.6	2.7	2.9	2.8	2.7	2.7	2.7	2.6	2.5	2.4	2.5	2.5
1977		2.6	2.8	2.8	2.9	3.0	2.8	2.8	2.9	2.8	2.9	2.8	3.1
1978		2.9	2.8	2.9	3.1	3.0	3.1	3.1	3.1	3.2	3.3	3.3	3.3
1979		3.1	3.1	3.0	3.0	3.0	3.1	2.9	2.8	2.8	2.8	2.8	2.6
1980		2.7	2.6	2.5	2.1	1.8	1.9	2.0	2.0	2.1	2.1	2.1	2.1
1981		2.1	2.2	2.1	2.1	2.0	2.2	2.3	2.1	1.8	1.7	P1.6	
Recalls													
1976		1.1	1.0	1.1	1.0	1.0	0.9	1.0	0.9	0.8	0.9	0.9	1.0
1977		.9	1.3	1.0	.9	.8	.8	.8	.8	.8	.7	.8	.8
1978		.8	.7	.8	.8	.8	.7	.7	.7	.7	.7	.7	.7
1979		.7	.7	.7	.7	.8	.7	.8	.7	.8	.8	.8	.7
1980		.9	.9	.9	.8	1.0	1.2	1.3	1.4	1.4	1.3	1.2	1.1
1981		1.0	1.0	1.1	1.1	1.0	1.0	.9	.8	.9	.9	P1.2	
Total separations													
1971		4.3	4.1	4.0	4.1	4.2	4.1	4.2	4.6	4.3	4.1	4.1	4.1
1972		4.2	4.1	4.2	4.2	4.2	4.5	4.5	4.2	4.3	4.1	4.3	4.4
1973		4.6	4.7	4.8	4.6	4.6	4.7	4.9	4.6	4.5	4.7	4.8	4.8
1974		5.1	5.0	4.9	4.7	4.6	4.5	4.5	4.8	4.4	4.8	5.2	4.9
1975		5.2	5.1	4.6	4.6	4.6	4.3	4.0	3.9	3.8	3.8	3.8	3.5
1976		3.6	3.5	3.8	3.9	3.7	3.9	3.9	3.9	3.9	3.9	3.6	3.6
1977		3.9	4.1	3.8	3.7	3.8	3.7	3.9	4.0	3.9	3.8	3.8	4.0
1978		3.8	3.8	3.8	4.0	3.9	3.9	3.9	3.8	4.0	3.9	3.9	4.1
1979		4.0	3.9	3.9	4.0	4.0	4.0	4.0	4.3	3.9	4.0	4.1	4.0
1980		4.2	4.0	4.0	3.2	3.5	4.8	3.8	4.0	3.5	3.6	3.3	3.5
1981		3.6	3.6	3.4	3.2	3.4	3.4	3.2	3.6	3.7	4.0	P4.1	
Quits													
1971		1.8	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.8	1.9	1.9
1972		2.1	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.3	2.5	2.6
1973		2.8	2.9	2.9	2.8	2.8	2.8	2.7	2.7	2.7	2.9	2.9	2.7
1974		2.7	2.8	2.7	2.6	2.6	2.5	2.5	2.4	2.2	2.0	1.8	1.7
1975		1.4	1.3	1.2	1.2	1.3	1.4	1.4	1.5	1.4	1.5	1.6	1.5
1976		1.6	1.6	1.8	1.8	1.7	1.7	1.8	1.7	1.7	1.6	1.5	1.6
1977		1.8	1.8	1.8	1.8	1.9	1.8	1.8	1.9	1.9	1.9	1.9	2.0
1978		1.9	1.9	2.0	2.1	2.0	2.1	2.1	2.1	2.2	2.2	2.1	2.2
1979		2.2	2.1	2.1	2.1	2.0	2.0	2.0	2.0	1.9	2.0	2.0	1.8
1980		1.9	1.9	1.8	1.6	1.5	1.4	1.4	1.4	1.3	1.3	1.4	1.5
1981		1.4	1.4	1.3	1.3	1.3	1.4	1.5	1.3	1.3	1.2	P1.1	
Layoffs													
1971		1.7	1.5	1.5	1.5	1.6	1.5	1.5	2.0	1.7	1.5	1.4	1.3
1972		1.2	1.2	1.1	1.2	1.2	1.4	1.4	1.1	1.0	1.0	.9	.9
1973		.9	.8	.9	.8	.9	.9	1.2	1.0	.9	.8	1.0	1.1
1974		1.4	1.3	1.2	1.1	1.1	1.1	1.1	1.4	1.3	1.8	2.5	2.5
1975		2.9	3.0	2.7	2.6	2.5	2.2	1.7	1.6	1.7	1.5	1.5	1.3
1976		1.2	1.0	1.2	1.3	1.2	1.3	1.3	1.3	1.4	1.5	1.3	1.2
1977		1.3	1.5	1.2	1.1	1.1	1.1	1.2	1.2	1.1	1.1	1.0	1.1
1978		1.0	1.0	1.0	1.0	1.0	.9	.9	.9	.9	.9	.9	1.0
1979		.9	.9	.9	1.0	1.0	1.1	1.1	1.4	1.2	1.2	1.3	1.3
1980		1.4	1.3	1.4	2.7	3.2	2.6	1.6	1.8	1.5	1.5	1.3	1.2
1981		1.4	1.3	1.3	1.1	1.3	1.3	1.0	1.4	1.7	2.2	P2.3	

p = preliminary.

NOTE: This table will be discontinued after the March issue. See Editors' Note in this issue.

ESTABLISHMENT DATA
LABOR TURNOVER

D-2. Labor turnover rates, by industry

(Per 100 employees)

1972 SIC Code	Industry	Accession rates						Separation rates					
		Total		New hires		Recalls		Total		Quits		Layoffs	
		OCT. 1981	NOV. 1981P	OCT. 1981	NOV. 1981P	OCT. 1981	NOV. 1981P	OCT. 1981	NOV. 1981P	OCT. 1981	NOV. 1981P	OCT. 1981	NOV. 1981P
	MANUFACTURING	2.8	2.4	1.8	1.3	0.8	0.9	4.2	4.1	1.3	0.9	2.2	2.6
24, 25, 32, 39	DURABLE GOODS	2.4	2.1	1.4	1.0	.7	.9	3.9	4.2	1.0	.7	2.1	2.9
20-23, 26, 31	NONDURABLE GOODS	3.4	2.7	2.4	1.6	.9	.9	4.6	4.1	1.7	1.2	2.2	2.3
	DURABLE GOODS												
24	LUMBER AND WOOD PRODUCTS	3.1	2.9	2.0	1.3	1.0	1.4	8.0	7.7	1.7	1.3	5.4	5.6
242	Sawmills and planing mills	3.1	-	1.7	-	1.2	-	8.7	-	1.7	-	6.2	-
2421	Sawmills and planing mills, general	2.9	-	1.4	-	1.3	-	8.9	-	1.5	-	6.6	-
243	Millwork, plywood, and structural members	2.3	-	1.5	-	.7	-	6.0	-	1.3	-	3.8	-
2431	Millwork	2.2	-	1.7	-	.5	-	9.2	-	1.2	-	7.4	-
244	Wood containers	6.6	-	4.0	-	2.2	-	7.2	-	3.4	-	3.0	-
245	Wood buildings and mobile homes	5.1	-	4.2	-	.8	-	9.6	-	3.4	-	4.9	-
2451	Mobile homes	6.2	-	5.2	-	.9	-	10.3	-	3.9	-	4.8	-
249	Miscellaneous wood products	3.1	-	2.0	-	.8	-	5.7	-	1.7	-	3.1	-
25	FURNITURE AND FIXTURES	3.1	2.4	2.4	1.5	.5	.7	4.7	4.4	1.8	1.1	2.0	2.6
251	Household furniture	3.2	-	2.4	-	.6	-	5.0	-	2.0	-	2.1	-
2511	Wood household furniture	3.1	-	2.6	-	.3	-	5.2	-	2.2	-	2.2	-
2512	Upholstered household furniture	2.6	-	2.2	-	.3	-	3.6	-	2.0	-	.9	-
2515	Mattresses and bedsprings	2.6	-	1.9	-	.6	-	5.8	-	1.5	-	3.2	-
252	Office furniture	1.7	-	1.4	-	.2	-	1.8	-	.9	-	.4	-
254	Partitions and fixtures	2.9	-	2.3	-	.5	-	6.4	-	1.6	-	3.9	-
32	STONE, CLAY, AND GLASS PRODUCTS	2.5	2.0	1.4	.9	.9	1.0	4.5	4.7	1.0	.7	2.6	3.4
322	Glass and glassware, pressed or blown	1.8	-	.9	-	.6	-	3.4	-	.7	-	2.0	-
3221	Glass containers	1.4	-	.9	-	.3	-	3.4	-	.7	-	1.9	-
3229	Pressed and blown glass, nec	2.2	-	.8	-	1.0	-	3.4	-	.6	-	2.1	-
323	Products of purchased glass	2.4	-	1.2	-	.9	-	4.0	-	.9	-	2.3	-
324	Cement, hydraulic	2.0	-	.3	-	1.7	-	2.6	-	.3	-	1.4	-
325	Structural clay products	2.8	-	1.6	-	1.0	-	7.0	-	1.8	-	4.4	-
326	Pottery and related products	2.5	-	1.5	-	.8	-	4.6	-	1.3	-	2.5	-
327	Concrete, gypsum, and plaster products	3.5	-	2.3	-	1.0	-	5.3	-	1.5	-	2.9	-
329	Misc. nonmetallic mineral products	1.9	-	.9	-	.9	-	4.5	-	.8	-	3.0	-
33	PRIMARY METAL INDUSTRIES	2.0	2.8	.7	.4	1.1	2.1	5.0	5.6	.5	.3	3.7	4.6
331	Blast furnace and basic steel products	2.1	-	.3	-	1.6	-	6.1	-	.2	-	5.0	-
3312	Blast furnaces and steel mills	2.1	-	.1	-	1.7	-	6.3	-	.2	-	5.3	-
332	Iron and steel foundries	2.2	-	1.0	-	1.0	-	4.9	-	.9	-	3.2	-
3321	Gray iron foundries	2.0	-	.9	-	.8	-	4.3	-	.9	-	2.6	-
3325	Steel foundries, nec	2.7	-	1.2	-	1.2	-	5.8	-	.8	-	3.6	-
333	Primary nonferrous metals	.7	-	.3	-	.2	-	3.8	-	.2	-	3.2	-
335	Nonferrous rolling and drawing	1.5	-	.9	-	.5	-	3.5	-	.5	-	2.2	-
3351	Copper rolling and drawing	1.1	-	.6	-	.4	-	3.7	-	.6	-	2.5	-
3353	Aluminum sheet, plate, and foil	1.4	-	.2	-	1.2	-	3.4	-	.2	-	2.9	-
3357	Nonferrous wire drawing and insulating	1.6	-	1.2	-	.2	-	3.4	-	.6	-	2.1	-
336	Nonferrous foundries	3.5	-	1.6	-	1.4	-	4.5	-	.9	-	2.8	-
3361	Aluminum foundries	4.0	-	1.5	-	1.6	-	5.0	-	.8	-	3.4	-
34	FABRICATED METAL PRODUCTS	2.8	2.1	1.7	1.1	.6	.8	4.4	4.8	1.1	.7	2.6	3.4
341	Metal cans and shipping containers	3.2	-	.5	-	2.2	-	8.4	-	.4	-	6.8	-
3411	Metal cans	3.5	-	.4	-	2.5	-	9.5	-	.3	-	8.0	-
342	Cutlery, hand tools, and hardware	3.3	-	1.1	-	1.4	-	4.9	-	.9	-	3.3	-
3423, 5	Hand and edge tools, and hand saws and blades	3.1	-	1.1	-	1.9	-	3.6	-	.9	-	2.1	-
3429	Hardware, nec	3.7	-	1.2	-	1.1	-	6.2	-	.9	-	4.4	-
343	Plumbing and heating, except electric	2.4	-	1.5	-	.8	-	3.5	-	1.1	-	1.7	-
344	Fabricated structural metal products	3.0	-	2.2	-	.7	-	4.6	-	1.4	-	2.4	-
3441	Fabricated structural metal	4.5	-	3.0	-	1.4	-	5.3	-	1.6	-	2.4	-
3442	Metal doors, sash, and trim	3.9	-	3.2	-	.5	-	4.9	-	2.0	-	2.2	-
3443	Fabricated plate work (boiler shops)	1.7	-	1.2	-	.3	-	3.0	-	.9	-	1.5	-
3444	Sheet metal work	3.0	-	2.2	-	.8	-	5.4	-	1.3	-	3.3	-
345	Screw machine products, bolts, etc.	2.0	-	1.5	-	.4	-	3.9	-	1.1	-	2.1	-
3451	Screw machine products	2.3	-	1.8	-	.4	-	4.2	-	1.4	-	2.2	-
3452	Bolts, nuts, rivets, and washers	1.7	-	1.2	-	.4	-	3.7	-	.8	-	2.0	-
346	Metal forgings and stampings	2.5	-	1.2	-	.7	-	4.4	-	.8	-	2.9	-
3462	Iron and steel forgings	1.5	-	.8	-	.6	-	3.7	-	.4	-	2.7	-
3465	Automotive stampings	3.4	-	.9	-	1.2	-	4.7	-	.7	-	3.6	-
3469	Metal stampings, nec	2.3	-	1.7	-	.5	-	4.6	-	1.2	-	2.6	-
347	Metal services, nec	4.3	-	2.8	-	1.4	-	5.1	-	1.8	-	2.3	-
348	Ordnance and accessories, nec	1.8	-	1.1	-	.6	-	2.0	-	.6	-	1.0	-
349	Misc. fabricated metal products	2.1	-	1.4	-	.5	-	3.5	-	1.0	-	1.8	-
3494	Valves and pipe fittings	1.6	-	1.1	-	.3	-	2.4	-	.7	-	1.0	-
3496	Misc. fabricated wire products	2.7	-	1.8	-	.8	-	5.1	-	1.5	-	2.9	-

See footnotes at end of table.

D-2. Labor turnover rates, by industry—Continued

(Per 100 employees)

1972 SIC Code	Industry	Accession rate						Separation rate					
		Total		New hires		Recalls		Total		Quits		Layoffs	
		OCT. 1981	NOV. 1981P	OCT. 1981	NOV. 1981P	OCT. 1981	NOV. 1981P	OCT. 1981	NOV. 1981P	OCT. 1981	NOV. 1981P	OCT. 1981	NOV. 1981P
35	**MACHINERY, EXCEPT ELECTRICAL**	2.1	1.6	1.4	1.0	0.5	0.4	2.9	2.8	0.8	0.6	1.3	1.6
351	Engines and turbines	1.9	-	.5	-	.8	-	3.0	-	.4	-	1.6	-
3511	Turbines and turbine generator sets	1.2	-	.3	-	.1	-	1.7	-	.3	-	.4	-
3519	Internal combustion engines, nec	2.2	-	.6	-	1.1	-	3.5	-	.4	-	2.1	-
352	Farm and garden machinery	2.6	-	.7	-	1.6	-	4.5	-	.6	-	2.9	-
3523	Farm machinery and equipment	1.6	-	.6	-	.8	-	4.9	-	.6	-	3.4	-
353	Construction and related machinery	1.9	-	1.4	-	.4	-	2.4	-	.7	-	1.1	-
3531	Construction machinery	1.2	-	.6	-	.5	-	2.3	-	.4	-	1.6	-
3533	Oil field machinery	3.1	-	2.9	-	(1)	-	2.1	-	1.3	-	.2	-
354	Metalworking machinery	1.7	-	1.2	-	.3	-	2.7	-	.9	-	1.2	-
3541	Machine tools, metal cutting types	.7	-	.6	-	.1	-	1.7	-	.5	-	.7	-
3544	Special dies, tools, jigs, and fixtures	2.5	-	1.7	-	.4	-	3.5	-	1.3	-	1.4	-
3545	Machine tool accessories	1.8	-	1.4	-	.2	-	2.6	-	.8	-	1.1	-
355	Special industry machinery	1.5	-	1.0	-	.3	-	2.4	-	.8	-	1.1	-
3861	Food products machinery	1.4	-	.9	-	.6	-	1.8	-	.7	-	.7	-
3852	Textile machinery	2.1	-	1.4	-	.5	-	2.7	-	1.1	-	1.0	-
356	General industrial machinery	1.6	-	1.1	-	.4	-	2.7	-	.8	-	1.4	-
3561	Pumps and pumping equipment	1.5	-	1.1	-	.3	-	2.3	-	.8	-	1.0	-
3562	Ball and roller bearings	1.3	-	.6	-	.3	-	2.5	-	.6	-	1.5	-
3564	Blowers and fans	2.3	-	1.6	-	.5	-	2.9	-	1.1	-	1.2	-
357	Office and computing machines	2.5	-	1.9	-	.1	-	1.9	-	.9	-	.3	-
3573	Electronic computing equipment	2.6	-	2.1	-	.1	-	1.7	-	.9	-	.1	-
358	Refrigeration and service machinery	2.5	-	1.0	-	1.2	-	5.3	-	.7	-	3.7	-
3585	Refrigeration and heating equipment	1.9	-	.8	-	.8	-	6.5	-	.7	-	4.7	-
359	Misc. machinery, except electrical	2.9	-	2.1	-	.6	-	3.3	-	1.3	-	1.3	-
36	**ELECTRIC AND ELECTRONIC EQUIPMENT**	2.3	2.0	1.4	1.2	.4	.4	3.2	3.3	1.0	.7	1.4	1.9
361	Electric distributing equipment	2.1	-	1.3	-	.2	-	3.5	-	1.1	-	1.4	-
3612	Transformers	2.5	-	1.5	-	.3	-	3.4	-	1.3	-	.9	-
3613	Switchgear and switchboard apparatus	1.7	-	1.1	-	.2	-	3.7	-	1.0	-	1.9	-
362	Electrical industrial apparatus	1.8	-	1.2	-	.3	-	3.7	-	.7	-	2.2	-
3621	Motors and generators	2.1	-	1.3	-	.4	-	4.2	-	.7	-	2.5	-
3622	Industrial controls	1.7	-	1.1	-	.2	-	3.6	-	.7	-	2.2	-
363	Household appliances	2.9	-	.8	-	1.4	-	5.7	-	.9	-	3.4	-
3632	Household refrigerators and freezers	3.9	-	.1	-	2.4	-	8.2	-	.2	-	6.5	-
3633	Household laundry equipment	1.4	-	.5	-	.2	-	2.2	-	.2	-	1.0	-
3634	Electric housewares and fans	3.2	-	1.6	-	1.4	-	6.6	-	1.7	-	3.6	-
364	Electric lighting and wiring equipment	2.6	-	1.4	-	.9	-	3.1	-	.9	-	1.5	-
3641	Electric lamps	3.5	-	.8	-	2.2	-	2.7	-	.5	-	1.3	-
3643	Current carrying wiring devices	2.1	-	1.5	-	.3	-	2.5	-	1.0	-	.9	-
365	Radio and TV receiving equipment	3.1	-	1.3	-	.3	-	4.6	-	.8	-	2.5	-
3651	Radio and TV receiving sets	3.1	-	1.1	-	.3	-	3.5	-	.6	-	1.6	-
366	Communication equipment	1.8	-	1.2	-	.1	-	1.6	-	.7	-	.3	-
3661	Telephone and telegraph apparatus	.8	-	.5	-	.2	-	1.1	-	.3	-	.4	-
3662	Radio and TV communication equipment	2.1	-	1.5	-	.1	-	1.8	-	.9	-	.2	-
367	Electronic components and accessories	2.4	-	1.9	-	.3	-	3.3	-	1.4	-	1.0	-
3671,3	Electronic tubes	1.8	-	1.0	-	.3	-	4.9	-	.7	-	3.4	-
3674	Semiconductors and related devices	1.4	-	1.1	-	.2	-	2.4	-	1.0	-	.5	-
3679	Electronic components, nec	3.4	-	2.8	-	.3	-	3.5	-	1.8	-	.8	-
369	Misc. electrical equipment and supplies	2.5	-	1.4	-	.8	-	3.5	-	.8	-	1.9	-
3694	Engine electrical equipment	2.6	-	1.0	-	1.4	-	4.2	-	.7	-	2.6	-
37	**TRANSPORTATION EQUIPMENT**	2.4	-	1.0	-	1.0	-	3.6	-	.7	-	2.0	-
371	Motor vehicles and equipment	2.8	-	.5	-	1.6	-	4.3	-	.6	-	2.6	-
3711	Motor vehicles and car bodies	2.1	-	.3	-	.9	-	4.6	-	.6	-	2.5	-
3713	Truck and bus bodies	2.7	-	.8	-	.7	-	3.9	-	1.3	-	2.0	-
3714	Motor vehicle parts and accessories	3.5	-	.5	-	2.6	-	3.9	-	.4	-	2.7	-
3715	Truck trailers	2.7	-	1.9	-	.7	-	6.6	-	1.3	-	4.3	-
372	Aircraft and parts	1.2	-	.9	-	.1	-	2.3	-	.6	-	1.2	-
3721	Aircraft	.8	-	.6	-	.1	-	1.9	-	.5	-	1.1	-
3724	Aircraft engines and engine parts	.9	-	.7	-	.1	-	2.7	-	.5	-	1.6	-
3728	Aircraft equipment, nec	2.5	-	2.1	-	.3	-	2.7	-	1.0	-	.9	-
373	Ship and boat building and repairing	5.0	-	2.9	-	1.9	-	5.6	-	1.4	-	3.1	-
3731	Ship building and repairing	5.2	-	2.7	-	2.3	-	5.6	-	1.2	-	3.4	-
3732	Boat building and repairing	4.2	-	3.6	-	.6	-	5.6	-	2.3	-	2.1	-
374	Railroad equipment	3.2	-	.5	-	2.0	-	4.6	-	.2	-	3.3	-
376	Guided missiles, space vehicles, parts	1.4	-	1.1	-	.1	-	1.1	-	.5	-	.2	-
3761	Guided missiles and space vehicles	1.4	-	1.2	-	.1	-	.9	-	.5	-	.1	-
379	Miscellaneous transportation equipment	3.1	-	2.6	-	.4	-	4.7	-	1.4	-	2.2	-
38	**INSTRUMENTS AND RELATED PRODUCTS**	1.7	1.6	1.4	1.2	.1	.2	2.3	2.0	1.1	.7	.7	.8
381	Engineering and scientific instruments	2.0	-	1.7	-	.2	-	2.1	-	.9	-	.7	-
382	Measuring and controlling devices	1.5	-	1.2	-	.1	-	2.2	-	.9	-	.7	-
3822	Environmental controls	1.1	-	.9	-	.1	-	3.1	-	.9	-	1.7	-
3823	Process control instruments	1.4	-	1.1	-	.1	-	1.7	-	.8	-	.4	-
3825	Instruments to measure electricity	1.7	-	1.2	-	.1	-	1.8	-	1.1	-	.3	-

See footnotes at end of table.

D-2. Labor turnover rates, by industry—Continued

(Per 100 employees)

1972 SIC Code	Industry	Accession rates						Separation rates					
		Total		New hires		Recalls		Total		Quits		Layoffs	
		OCT. 1981	NOV. 1981P	OCT. 1981	NOV. 1981P	OCT. 1981	NOV. 1981P	OCT. 1981	NOV. 1981P	OCT. 1981	NOV. 1981P	OCT. 1981	NOV. 198
	INSTRUMENTS AND RELATED PRODUCTS—Con'd												
383	Optical instruments and lenses	1.9	–	1.7	–	0.2	–	2.7	–	1.3	–	0.8	
384	Medical instruments and supplies	1.9	–	1.7	–	.1	–	2.4	–	1.2	–	.7	
3841	Surgical and medical instruments	2.2	–	2.0	–	(1)	–	2.7	–	1.4	–	.7	
3842	Surgical appliances and supplies	1.7	–	1.4	–	.2	–	2.2	–	.9	–	.8	
385	Ophthalmic goods	2.2	–	1.6	–	.3	–	4.0	–	1.8	–	1.1	
386	Photographic equipment and supplies	1.4	–	1.3	–	(1)	–	1.7	–	1.3	–	.1	
387	Watches, clocks, and watchcases	1.6	–	1.2	–	.3	–	6.0	–	1.2	–	4.1	
39	MISCELLANEOUS MANUFACTURING INDUSTRIES	4.3	3.0	3.0	2.1	1.1	0.8	5.4	5.4	1.8	1.3	2.5	3
391	Jewelry, silverware, and plated ware	5.3	–	4.4	–	.8	–	3.6	–	1.7	–	1.2	
393	Musical instruments	6.1	–	1.6	–	4.4	–	7.9	–	1.0	–	6.2	
394	Toys and sporting goods	4.2	–	2.8	–	.9	–	6.6	–	2.1	–	3.1	
3942 4	Dolls, games, toys, and children's vehicles	3.6	–	3.0	–	.3	–	9.4	–	2.4	–	5.2	
3949	Sporting and athletic goods, nec	4.9	–	2.5	–	1.8	–	3.3	–	1.8	–	.5	
395	Pens, pencils, office and art supplies	2.3	–	1.8	–	.3	–	2.9	–	1.5	–	.7	
396	Costume jewelry and notions	5.1	–	4.0	–	1.0	–	6.7	–	2.2	–	3.5	
399	Miscellaneous manufactures	4.0	–	2.9	–	1.0	–	4.8	–	1.7	–	2.2	
	NONDURABLE GOODS												
20	FOOD AND KINDRED PRODUCTS	5.1	3.8	3.1	2.0	1.8	1.6	7.9	5.9	2.1	1.4	4.8	3
201	Meat products	5.5	–	3.8	–	1.3	–	6.2	–	3.2	–	1.9	
2011	Meat packing plants	4.5	–	2.5	–	1.5	–	5.7	–	1.9	–	2.7	
2013	Sausages and other prepared meats	4.3	–	1.8	–	2.1	–	5.2	–	1.5	–	2.7	
2016	Poultry dressing plants	7.0	–	6.1	–	.5	–	7.7	–	6.1	–	.3	
202	Dairy products	2.1	–	1.6	–	.4	–	3.9	–	1.4	–	1.9	
203	Preserved fruits and vegetables	9.9	–	4.8	–	5.0	–	24.1	–	3.4	–	19.3	
204	Grain mill products	2.7	–	2.1	–	.4	–	4.1	–	1.4	–	1.9	
205	Bakery products	2.1	–	1.8	–	.3	–	2.9	–	1.2	–	1.0	
2051	Bread, cake, and related products	2.1	–	1.8	–	.2	–	2.6	–	1.4	–	.7	
2052	Cookies and crackers	2.2	–	1.4	–	.7	–	4.1	–	.7	–	2.7	
206	Sugar and confectionery products	9.8	–	5.1	–	4.5	–	5.5	–	1.3	–	3.4	
207	Fats and oils	7.2	–	5.5	–	1.6	–	2.6	–	1.3	–	.6	
208	Beverages	3.0	–	1.5	–	1.3	–	5.3	–	1.2	–	3.0	
2082	Malt beverages	3.5	–	.5	–	2.8	–	6.5	–	.4	–	5.6	
2086	Bottled and canned soft drinks	2.6	–	2.0	–	.5	–	3.7	–	1.6	–	1.2	
209	Misc. foods and kindred products	4.4	–	2.9	–	1.2	–	6.8	–	2.7	–	3.3	
21	TOBACCO MANUFACTURES	2.0	–	.9	–	1.0	–	3.4	–	.5	–	2.2	
211	Cigarettes	.6	–	.3	–	.3	–	.8	–	.1	–	(1)	
22	TEXTILE MILL PRODUCTS	3.1	2.7	2.1	1.4	.8	1.1	4.5	3.8	1.7	1.2	1.9	
221	Weaving mills, cotton	3.1	–	1.9	–	.9	–	3.4	–	1.4	–	1.0	
222	Weaving mills, synthetics	3.3	–	1.8	–	1.3	–	4.7	–	1.3	–	2.1	
223	Weaving and finishing mills, wool	3.3	–	2.3	–	1.0	–	5.4	–	1.7	–	2.9	
224	Narrow fabric mills	3.2	–	2.6	–	.5	–	4.1	–	1.7	–	1.7	
225	Knitting mills	3.0	–	2.4	–	.5	–	4.8	–	1.9	–	2.0	
2251	Women's hosiery, except socks	3.5	–	3.0	–	.3	–	3.5	–	2.2	–	.6	
2252	Hosiery, nec	3.5	–	3.2	–	.2	–	4.0	–	2.6	–	.7	
2253	Knit outerwear mills	3.1	–	2.5	–	.5	–	3.3	–	1.8	–	.8	
2254	Knit underwear mills	2.1	–	1.7	–	.2	–	3.1	–	2.0	–	.5	
2257	Circular knit fabric mills	2.5	–	1.7	–	.7	–	11.3	–	1.8	–	7.4	
226	Textile finishing, except wool	2.8	–	2.2	–	.4	–	3.9	–	1.6	–	1.3	
227	Floor covering mills	2.0	–	1.5	–	.3	–	4.3	–	1.1	–	2.3	
228	Yarn and thread mills	3.0	–	2.3	–	.5	–	5.1	–	2.3	–	2.0	
229	Miscellaneous textile goods	4.4	–	1.7	–	2.3	–	5.6	–	1.6	–	3.0	
23	APPAREL AND OTHER TEXTILE PRODUCTS	5.0	3.7	3.4	2.2	1.3	1.3	5.6	5.8	2.6	1.7	2.1	
231	Men's and boys' suits and coats	4.2	–	3.0	–	.8	–	4.2	–	1.9	–	1.4	
232	Men's and boys' furnishings	4.6	–	3.5	–	.9	–	5.0	–	3.0	–	1.3	
2321	Men's and boys' shirts and nightwear	4.3	–	3.2	–	.9	–	4.3	–	2.6	–	1.0	
2327	Men's and boys' separate trousers	4.3	–	3.9	–	.2	–	4.2	–	3.4	–	.3	
2328	Men's and boys' work clothing	4.8	–	3.4	–	1.3	–	5.7	–	3.4	–	1.6	
233	Women's and misses' outerwear	5.7	–	3.3	–	2.2	–	6.2	–	2.3	–	2.9	
234	Women's and children's undergarments	4.8	–	4.1	–	.5	–	5.2	–	3.6	–	.9	
2341	Women's and children's underwear	4.7	–	4.1	–	.5	–	5.1	–	3.7	–	.8	
2342	Brassieres and allied garments	5.3	–	4.0	–	.9	–	5.8	–	3.4	–	1.8	
236	Children's outerwear	4.4	–	3.2	–	.9	–	6.4	–	2.4	–	3.2	
238	Misc. apparel and accessories	4.3	–	3.0	–	1.1	–	5.7	–	2.7	–	2.1	
239	Misc. fabricated textile products	4.9	–	3.6	–	1.1	–	5.8	–	2.5	–	2.0	
26	PAPER AND ALLIED PRODUCTS	1.8	1.6	1.2	.8	.4	.6	3.0	2.6	.8	.5	1.5	
261,2,6	Paper and pulp mills	1.2	–	.6	–	.4	–	1.7	–	.4	–	.8	
262	Paper mills, except building paper	1.1	–	.6	–	.3	–	1.6	–	.4	–	.8	

See footnotes at end of table.

D-2. Labor turnover rates, by industry—Continued

(Per 100 employees)

1972 SIC Code	Industry	Accession rates						Separation rates					
		Total		New hires		Recalls		Total		Quits		Layoffs	
		OCT. 1981	NOV. 1981P	OCT. 1981	NOV. 1981P	OCT. 1981	NOV. 1981P	OCT. 1981	NOV. 1981P	OCT. 1981	NOV. 1981P	OCT. 1981	NOV. 1981P
	PAPER AND ALLIED PRODUCTS—Continued												
263	Paperboard mills	1.0	–	0.5	–	0.1	–	2.1	–	0.5	–	1.2	–
264	Misc. converted paper products	2.4	–	1.7	–	.5	–	3.9	–	1.1	–	2.0	–
265	Paperboard containers and boxes	2.1	–	1.5	–	.5	–	3.6	–	1.0	–	1.8	–
2651	Folding paperboard boxes	2.1	–	1.5	–	.6	–	3.1	–	.8	–	1.7	–
2653	Corrugated and solid fiber boxes	1.8	–	1.3	–	.3	–	2.6	–	.8	–	1.1	–
27	PRINTING AND PUBLISHING	3.3	2.6	2.7	2.1	0.4	0.4	3.1	2.9	1.8	1.5	0.7	0.9
271	Newspapers	3.8	–	3.5	–	.1	–	3.3	–	2.7	–	.1	–
272	Periodicals	3.3	–	3.1	–	.2	–	2.4	–	1.8	–	.2	–
273	Books	2.8	–	1.9	–	.7	–	2.8	–	1.2	–	1.0	–
274	Miscellaneous publishing	3.2	–	2.8	–	.2	–	2.3	–	1.4	–	.7	–
275	Commercial printing	3.2	–	2.3	–	.7	–	3.3	–	1.3	–	1.3	–
2751	Commercial printing, letterpress	3.9	–	2.7	–	.9	–	4.0	–	1.5	–	1.7	–
2752	Commercial printing, lithographic	2.8	–	2.2	–	.5	–	2.8	–	1.1	–	1.0	–
278	Blankbooks and bookbinding	2.9	–	2.2	–	.6	–	3.7	–	1.8	–	1.3	–
28	CHEMICALS AND ALLIED PRODUCTS	1.2	.9	.9	.7	.2	.2	1.7	1.5	.5	.4	.7	.7
281	Industrial inorganic chemicals	.9	–	.8	–	.1	–	1.1	–	.4	–	.3	–
2819	Industrial inorganic chemicals, nec	.9	–	.8	–	.1	–	1.1	–	.5	–	.3	–
282	Plastics materials and synthetics	.8	–	.6	–	.1	–	1.5	–	.3	–	.8	–
2821	Plastics materials and resins	1.0	–	.8	–	.1	–	1.7	–	.5	–	.6	–
2824	Organic fibers, noncellulosic	.4	–	.3	–	(1)	–	.7	–	.1	–	.2	–
283	Drugs	1.3	–	1.0	–	.1	–	1.5	–	.5	–	.5	–
2834	Pharmaceutical preparations	1.3	–	1.1	–	.1	–	1.6	–	.6	–	.6	–
284	Soaps, cleaners, and toilet goods	1.8	–	1.4	–	.3	–	3.2	–	1.0	–	1.2	–
2841	Soaps and other detergents	1.1	–	.9	–	.1	–	3.0	–	.6	–	.6	–
2844	Toilet preparations	2.1	–	1.4	–	.4	–	3.5	–	1.1	–	1.7	–
285	Paints and allied products	1.3	–	1.1	–	.1	–	2.3	–	.7	–	1.1	–
286	Industrial organic chemicals	.7	–	.6	–	.1	–	1.2	–	.4	–	.2	–
287	Agricultural chemicals	1.6	–	.9	–	.6	–	2.4	–	.8	–	1.3	–
289	Miscellaneous chemical products	1.5	–	1.1	–	.3	–	1.7	–	.6	–	.6	–
29	PETROLEUM AND COAL PRODUCTS	1.6	1.0	1.4	.8	.1	.1	2.7	1.6	.5	.4	1.1	.8
291	Petroleum refining	1.4	–	1.3	–	(1)	–	2.2	–	.4	–	.7	–
295	Paving and roofing materials	2.7	–	1.9	–	.6	–	5.8	–	1.4	–	3.5	–
30	RUBBER AND MISC. PLASTICS PRODUCTS	2.8	2.3	1.9	1.3	.6	.8	4.4	4.9	1.4	.9	2.1	1.1
301	Tires and inner tubes	1.0	–	.4	–	.2	–	1.4	–	.3	–	.6	–
302	Rubber and plastics footwear	5.2	–	3.2	–	1.6	–	6.2	–	2.1	–	2.8	–
303,4	Reclaimed rubber, and rubber and plastics hose and belting	1.5	–	1.1	–	.2	–	4.2	–	.9	–	2.6	–
306	Fabricated rubber products, nec	2.5	–	1.6	–	.5	–	4.5	–	1.0	–	2.8	–
307	Miscellaneous plastics products	3.3	–	2.4	–	.7	–	5.0	–	1.8	–	2.3	–
31	LEATHER AND LEATHER PRODUCTS	4.7	3.4	3.3	2.1	1.1	1.1	6.0	5.4	2.7	1.8	2.4	2.8
311	Leather tanning and finishing	3.3	–	1.7	–	1.6	–	6.4	–	1.2	–	4.0	–
314	Footwear, except rubber	3.6	–	3.1	–	1.2	–	6.1	–	2.8	–	2.4	–
3143	Men's footwear, except athletic	3.6	–	2.9	–	.3	–	4.1	–	2.5	–	.6	–
3144	Women's footwear, except athletic	5.4	–	2.8	–	2.4	–	7.9	–	2.6	–	4.3	–
	NONMANUFACTURING												
	MINING	4.7	4.4	3.8	3.3	.6	.7	4.6	4.5	2.9	2.6	.7	1.0
10	METAL MINING	1.4	1.5	.5	.7	.6	.7	5.1	4.4	.7	.6	3.9	3.3
101	Iron ores	2.8	–	.1	–	1.9	–	16.9	–	.1	–	16.1	–
102	Copper ores	.8	–	.5	–	.1	–	1.2	–	.4	–	.4	–
12	BITUMINOUS COAL AND LIGNITE MINING	1.4	1.3	1.1	.9	.2	.3	1.3	1.5	.6	.5	.4	.8
13	OIL AND GAS EXTRACTION	6.9	6.4	5.7	5.0	.8	.8	6.0	5.4	4.3	4.0	.2	.2
131,2	Crude petroleum, natural gas, and natural gas liquids	2.1	–	1.6	–	.3	–	2.0	–	1.1	–	.2	–
138	Oil and gas field services	10.0	–	8.3	–	1.1	–	8.6	–	6.3	–	.2	–
14	NONMETALLIC MINERALS, EXCEPT FUELS	2.2	2.1	1.3	1.1	.7	.8	3.6	6.1	1.3	.8	1.6	4.4
142	Crushed and broken stone	2.8	–	1.3	–	1.5	–	4.4	–	1.2	–	2.2	–
144	Sand and gravel	2.2	–	1.2	–	.7	–	4.5	–	1.7	–	2.1	–
	COMMUNICATION:												
481	Telephone communication	.6	–	.5	–	(1)	–	.8	–	.3	–	.1	–

[1] Less than 0.05.

p = preliminary.

NOTE: This table will be discontinued after the March issue. See Editors' Note in this issue.

ESTABLISHMENT DATA
SEASONALLY ADJUSTED LABOR TURNOVER

D-3. Labor turnover rates in manufacturing, 1971 to date, seasonally adjusted

(Per 100 employees)

Year		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total accessions													
1971	3.9	3.5	3.1	3.5	3.6	4.0	4.9	4.0	5.3	4.8	3.9	3.3	2.5
1972	4.5	4.1	3.7	4.0	4.1	4.9	5.4	4.7	6.1	5.4	4.8	3.7	2.7
1973	4.8	4.7	4.1	4.5	4.6	5.4	5.9	5.2	6.3	5.8	5.2	3.8	2.6
1974	4.2	4.2	3.7	4.1	4.5	5.1	5.4	4.9	5.5	4.9	3.8	2.4	1.8
1975	3.7	2.9	2.7	3.2	3.7	4.0	4.5	4.6	5.2	4.6	3.7	2.8	2.2
1976	3.9	3.9	3.5	4.2	3.9	4.5	4.8	4.2	5.1	4.4	3.5	2.9	2.2
1977	4.0	3.7	3.7	4.0	3.8	4.6	4.9	4.3	5.3	4.6	3.9	3.1	2.4
1978	4.1	3.8	3.2	3.8	4.0	4.7	4.9	4.4	5.4	4.9	4.3	3.3	2.4
1979	4.0	4.0	3.4	3.8	3.9	4.7	4.8	4.3	5.0	4.5	4.1	3.0	2.2
1980	3.5	3.8	3.3	3.5	3.1	3.4	3.9	3.8	4.5	4.3	3.6	2.7	2.2
1981		3.4	3.0	3.4	3.3	3.5	4.0	3.6	4.0	3.5	2.8	P2.4	
New hires													
1971	2.6	2.0	1.9	2.2	2.3	2.7	3.5	2.7	3.4	3.4	2.7	2.2	1.6
1972	3.3	2.6	2.5	2.8	2.9	3.7	4.2	3.5	4.5	4.3	3.9	2.9	2.1
1973	3.9	3.5	3.2	3.5	3.7	4.5	5.0	4.1	5.1	4.8	4.4	3.1	2.0
1974	3.2	3.2	2.8	3.1	3.3	4.0	4.3	3.7	4.2	3.9	2.9	1.7	1.0
1975	2.0	1.3	1.2	1.3	1.6	2.0	2.5	2.6	3.1	3.1	2.5	1.8	1.3
1976	2.6	2.1	2.1	2.7	2.6	3.1	3.6	2.9	3.6	3.2	2.5	1.9	1.3
1977	2.8	2.2	2.1	2.6	2.7	3.5	3.7	3.0	4.0	3.5	3.0	2.2	1.6
1978	3.1	2.5	2.2	2.7	2.9	3.6	3.9	3.3	4.2	3.9	3.5	2.6	1.7
1979	2.9	2.8	2.5	2.8	2.9	3.6	3.8	3.1	3.7	3.4	3.1	2.2	1.5
1980	2.1	2.4	2.2	2.3	2.0	2.1	2.4	2.1	2.5	2.6	2.2	1.6	1.2
1981		1.8	1.8	2.0	2.0	2.3	2.8	2.4	2.7	2.3	1.8	P1.3	
Recalls													
1976	1.0	1.4	1.0	1.2	1.0	1.0	0.9	1.1	1.1	0.8	0.7	0.7	0.7
1977	.9	1.2	1.3	1.1	.9	.8	.8	.9	1.0	.8	.6	.6	.6
1978	.7	1.0	.7	.8	.8	.8	.7	.8	.9	.7	.6	.5	.5
1979	.7	.9	.7	.7	.7	.8	.7	.9	.9	.8	.7	.6	.5
1980	1.1	1.1	.9	.9	.8	1.0	1.2	1.5	1.7	1.4	1.1	.9	.8
1981		1.3	1.0	1.1	1.1	1.0	.9	1.0	1.0	.9	.8	P.9	
Total separations													
1971	4.2	4.2	3.5	3.7	3.9	3.7	3.8	4.8	5.5	5.3	4.3	3.7	3.8
1972	4.3	4.1	3.5	3.9	3.8	3.9	4.2	4.8	5.5	5.5	4.4	3.8	3.7
1973	4.7	4.3	3.8	4.3	4.2	4.4	4.5	5.2	6.5	5.8	5.0	4.2	4.0
1974	4.9	5.0	4.1	4.4	4.3	4.4	4.2	4.9	6.2	5.5	5.1	5.0	5.2
1975	4.2	6.1	4.5	4.2	4.0	3.9	3.7	4.4	4.7	4.4	4.1	3.5	3.4
1976	3.8	3.7	3.0	3.5	3.6	3.4	3.6	4.3	4.9	4.7	4.1	3.4	3.5
1977	3.8	3.9	3.4	3.4	3.4	3.5	3.5	4.3	5.1	4.9	3.8	3.4	3.4
1978	3.9	3.6	3.1	3.5	3.6	3.7	3.8	4.1	5.3	4.9	4.1	3.5	3.4
1979	4.0	3.8	3.2	3.6	3.7	3.8	3.9	4.3	5.7	4.7	4.2	3.8	3.5
1980	4.0	4.1	3.5	3.7	4.7	4.8	4.4	4.2	4.8	4.1	3.8	3.0	3.1
1981		3.6	3.1	3.2	3.1	3.1	3.2	3.6	4.4	4.1	4.2	P4.1	
Quits													
1971	1.8	1.5	1.3	1.5	1.6	1.7	1.8	1.8	2.8	2.9	2.0	1.5	1.2
1972	2.3	1.7	1.6	1.9	2.0	2.2	2.2	2.2	3.6	3.5	2.5	2.0	1.6
1973	2.8	2.3	2.1	2.5	2.5	2.8	2.8	2.8	4.6	4.0	3.1	2.3	1.6
1974	2.4	2.2	2.0	2.3	2.4	2.7	2.5	2.6	4.0	3.3	2.2	1.4	1.0
1975	1.4	1.1	.9	1.0	1.1	1.3	1.4	1.5	2.5	2.1	1.6	1.2	.9
1976	1.7	1.3	1.2	1.6	1.7	1.7	1.8	1.9	2.8	2.5	1.7	1.2	1.0
1977	1.8	1.4	1.3	1.6	1.7	1.9	1.9	1.9	3.1	2.8	1.9	1.5	1.2
1978	2.1	1.5	1.4	1.8	2.0	2.1	2.2	2.1	3.5	3.1	2.3	1.7	1.3
1979	2.0	1.8	1.6	1.9	2.0	2.1	2.1	2.0	3.3	2.7	2.1	1.6	1.1
1980	1.5	1.6	1.5	1.6	1.5	1.5	1.4	1.4	2.2	1.9	1.4	1.1	.9
1981		1.2	1.1	1.2	1.3	1.3	1.4	1.5	2.1	1.8	1.3	P.9	
Layoffs													
1971	1.6	1.9	1.4	1.4	1.4	1.2	1.2	2.1	1.8	1.5	1.5	1.5	1.8
1972	1.1	1.5	1.1	1.1	1.0	.9	1.1	1.7	.9	.9	1.0	1.0	1.3
1973	.9	1.1	.8	.8	.7	.7	.7	1.4	.8	.8	.8	1.1	1.6
1974	1.5	1.8	1.3	1.1	.9	.8	.8	1.4	1.1	1.2	1.8	2.8	3.6
1975	2.1	4.0	2.9	2.5	2.1	1.8	1.6	2.0	1.3	1.5	1.6	1.7	1.9
1976	1.3	1.6	1.0	1.1	1.1	.9	.9	1.6	1.1	1.3	1.5	1.5	1.8
1977	1.1	1.7	1.4	1.0	.9	.8	.8	1.5	1.0	1.1	1.1	1.1	1.5
1978	.9	1.2	.9	.9	.8	.7	.7	1.1	.8	.8	.9	1.0	1.4
1979	1.1	1.1	.8	.8	.9	.7	.9	1.4	1.3	1.1	1.2	1.5	1.7
1980	1.7	1.6	1.2	1.3	2.3	2.5	2.2	2.0	1.7	1.4	1.5	1.4	1.6
1981		1.6	1.2	1.2	1.0	1.0	1.1	1.3	1.3	1.5	2.2	P2.6	

P = preliminary

NOTE: This table will be discontinued after the March issue. See Editors' Note in this issue.

D-4. Labor turnover rates in manufacturing for selected States and areas

(Per 100 employees)

State and area	Accession rates						Separation rates					
	Total		New hires		Recalls		Total		Quits		Layoffs	
	Sept. 1981	Oct. 1981[p]	Sept. 1981	Oct. 1981[p]	Sept. 1981	Oct. 1981[p]	Sept. 1981	Oct. 1981[p]	Sept. 1981	Oct. 1981[p]	Sept. 1981	Oct. 1981[p]
ALABAMA:												
Birmingham	1.9	1.8	1.4	1.3	0.3	0.4	2.9	2.6	0.8	0.7	1.3	1.3
Mobile	6.0	2.6	.9	.6	5.0	2.0	9.3	7.2	2.5	.8	6.3	6.0
ALASKA	22.0	2.7	13.4	1.2	8.2	1.5	34.0	29.3	6.4	3.3	27.0	25.5
ARIZONA	3.0	2.8	2.5	2.2	.5	.4	3.6	3.0	1.8	1.4	1.0	.7
Phoenix	3.2	2.9	2.6	2.3	.5	.4	3.6	3.2	1.9	1.5	.7	.6
ARKANSAS	4.8	4.0	3.8	3.0	.6	.7	5.3	5.4	3.0	2.6	1.4	1.9
Fort Smith	4.1	3.0	3.0	1.1	.4	.7	7.1	8.0	2.6	2.5	3.4	4.7
Little Rock—North Little Rock	3.5	2.4	2.7	2.0	.7	.3	3.4	4.2	1.7	1.4	1.0	2.2
Pine Bluff	3.4	2.7	2.5	2.2	.8	.4	2.6	2.1	1.3	1.1	.6	.1
CALIFORNIA	4.0	3.4	2.7	2.4	1.1	.8	4.6	5.0	1.8	1.4	1.9	2.7
COLORADO	3.1	2.3	2.7	2.1	.3	.1	3.7	2.7	2.4	1.6	.7	.5
Denver—Boulder	3.0	2.3	2.7	2.1	.2	.1	3.1	2.6	2.2	1.6	.4	.4
CONNECTICUT	2.2	1.8	1.8	1.3	.3	.4	2.6	2.5	1.3	.9	.5	.9
Hartford	1.4	1.3	1.1	.9	.2	.2	2.0	3.3	1.2	.9	.3	1.9
DELAWARE	2.8	1.9	1.9	1.1	.5	.4	3.3	2.7	1.1	.8	.9	1.1
Wilmington	2.0	1.4	1.1	.7	.5	.3	2.9	1.9	.8	.4	1.1	.7
FLORIDA	4.5	4.1	3.8	3.2	.6	.8	4.6	4.4	2.8	2.5	.9	.9
Fort Lauderdale—Hollywood	4.1	4.4	4.0	3.9	.1	.4	3.9	4.2	2.6	2.5	.5	.9
Jacksonville	4.4	2.4	2.3	2.0	2.0	.3	3.6	4.0	2.0	1.2	.7	.8
Miami	3.9	3.3	3.3	2.7	.5	.5	4.5	3.8	2.5	2.1	1.3	.9
Orlando	3.7	3.4	3.2	2.7	.5	.6	3.7	3.4	2.4	1.6	.5	.6
Pensacola	1.9	1.0	1.8	.9	.1	.1	1.8	1.0	1.2	.6	.1	.1
Tampa—St. Petersburg	5.4	4.5	4.9	3.9	.4	.5	5.1	4.9	3.5	3.4	.7	.6
West Palm Beach—Boca Raton	3.8	2.7	3.5	2.1	.2	.6	3.7	2.5	2.4	2.0	.5	[b]
GEORGIA	3.5	2.6	2.8	2.0	.5	.4	4.0	3.4	2.5	1.7	.9	.9
Atlanta [2]	2.7	2.6	2.1	1.9	.4	.6	2.9	2.7	1.6	1.2	.6	.8
HAWAII [3]	2.0	1.8	1.6	1.3	.3	.2	1.7	1.7	1.1	.7	.2	.5
IDAHO [4]	4.4	2.1	1.7	.9	1.8	.6	7.4	8.5	1.9	.9	4.9	6.8
ILLINOIS:												
Chicago SMSA	3.3	2.3	2.5	1.7	.6	.4	3.0	3.0	1.2	.9	.8	1.2
Davenport—Rock Island—Moline	1.9	1.6	1.1	.5	.4	.8	2.5	3.8	.4	.3	1.2	2.7
Decatur	1.1	2.0	.3	.2	.5	1.4	2.7	4.0	.2	.1	2.0	3.4
Peoria	1.7	6.4	.5	.3	.9	6.1	1.7	12.3	.2	.1	.9	9.5
Rockford	1.7	1.5	1.0	.7	.6	.7	2.9	3.3	.7	.7	1.5	1.9
INDIANA [5]	2.1	1.7	1.0	.7	.7	.6	3.7	4.5	.8	.6	2.1	3.2
Indianapolis [2]	2.2	2.0	1.1	.9	.7	.6	3.7	4.1	.8	.6	2.1	2.6
IOWA	2.2	2.2	1.2	.8	.7	1.2	3.9	5.0	1.0	.7	2.3	3.8
Cedar Rapids	2.1	1.3	.6	.5	1.0	.8	3.0	2.0	.9	.4	1.5	1.3
Des Moines	1.6	2.0	.5	.9	.2	.1	3.4	2.5	.9	.5	1.2	.7
KANSAS	3.3	3.2	2.7	2.2	.4	.9	4.0	4.0	2.2	1.7	1.1	1.2
Topeka	1.7	6.9	1.2	1.1	.5	5.7	3.6	6.6	1.1	.8	1.7	5.2
Wichita	2.4	2.3	1.9	1.6	.4	.5	3.0	2.5	1.6	1.2	.6	.6
KENTUCKY	4.7	2.4	1.5	.9	2.7	1.1	3.4	4.0	1.1	.7	1.3	2.5
Lexington—Fayette	2.4	1.9	1.7	1.1	.5	.7	2.7	3.4	.9	.5	.9	2.4
Louisville	8.0	2.3	.5	.4	6.8	1.0	2.8	2.3	.6	.4	.8	.8
LOUISIANA:												
New Orleans	4.0	3.9	3.2	3.3	.7	.5	4.8	4.2	1.6	1.7	1.6	1.3
MAINE	3.9	3.4	2.7	2.5	.9	.7	6.7	4.7	2.7	1.7	3.1	2.2
Portland	2.6	2.6	2.3	2.0	.1	.3	3.7	2.6	2.5	1.4	.3	.5
MARYLAND	3.6	2.2	1.8	1.3	1.6	.7	4.1	4.1	1.2	.9	2.0	2.1
Baltimore	3.2	2.2	1.5	1.2	1.5	.8	3.6	3.8	1.0	.7	1.7	2.0
MASSACHUSETTS	3.0	2.6	2.4	1.7	.4	.8	4.0	3.0	2.1	1.4	1.1	.9
Boston	2.7	3.6	2.3	1.6	.3	1.4	3.4	2.9	1.9	1.1	.9	1.2

See footnotes at end of table.

ESTABLISHMENT DATA
STATE AND AREA LABOR TURNOVER

D-4. Labor turnover rates in manufacturing for selected States and areas—Continued

[Per 100 employees]

State and area	Accession rates						Separation rates					
	Total		New hires		Recalls		Total		Quits		Layoffs	
	Sept. 1981	Oct. 1981[p]	Sept. 1981	Oct. 1981[p]	Sept. 1981	Oct. 1981[p]	Sept. 1981	Oct. 1981[p]	Sept. 1981	Oct. 1981[p]	Sept. 1981	Oct. 1981[p]
MICHIGAN	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Detroit	2.0	1.2	.5	.2	1.1	.7	2.8	3.7	.6	.5	1.6	2.6
Flint	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Grand Rapids	2.2	1.8	1.0	.6	.7	.8	3.2	3.5	1.4	.7	1.2	2.2
Lansing—East Lansing	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
MINNESOTA	3.2	(*)	2.4	(*)	.7	(*)	4.2	(*)	2/2	(*)	1.4	(*)
Minneapolis—St. Paul	2.6	(*)	2.0	(*)	.5	(*)	3.0	(*)	1.7	(*)	.9	(*)
MISSISSIPPI:												
Jackson	5.1	3.0	3.2	2.4	1.8	.6	4.6	5.7	2.3	1.7	1.5	3.6
MISSOURI	2.6	2.1	1.9	1.5	.5	.5	3.3	3.2	1.3	1.1	1.4	1.5
Kansas City	2.3	2.1	1.8	1.6	.5	.4	2.9	3.1	1.3	1.1	1.0	1.0
St. Louis	1.9	1.4	1.3	.9	.5	.4	3.0	2.6	.8	.6	1.6	1.4
MONTANA	1.8	5.5	1.4	4.1	.3	1.1	5.5	4.8	3.5	1.3	1.7	2.9
NEBRASKA	3.3	2.5	2.6	1.9	.5	.4	3.2	3.7	1.8	1.5	.8	1.5
NEVADA	4.3	3.1	4.0	2.6	.3	.5	5.0	2.7	3.4	1.9	.5	.1
NEW HAMPSHIRE	3.7	3.3	3.2	2.6	.3	.5	4.4	3.7	2.7	2.1	1.0	.9
NEW JERSEY:												
Camden [7]	3.1	2.5	1.8	1.6	.9	.6	2.6	4.1	1.1	.7	.8	2.8
Hackensack	3.9	3.0	2.6	2.3	.9	.6	4.0	4.3	2.0	1.4	1.0	2.0
Jersey City	3.0	2.9	1.8	1.7	1.2	1.1	3.3	5.9	1.5	.9	.9	3.3
New Brunswick—Perth Amboy—Sayreville	3.3	3.0	2.4	2.2	.5	.5	3.2	4.3	1.5	1.1	.9	2.4
Newark	4.4	2.2	1.9	1.8	2.2	.2	2.8	2.8	1.3	1.0	.8	1.1
Paterson—Clifton—Passaic	3.7	2.6	2.1	1.7	1.5	.7	3.3	5.1	1.2	1.1	1.2	2.1
Trenton	4.5	2.7	2.7	1.4	1.7	1.3	4.6	3.7	1.3	.9	2.7	2.2
NEW MEXICO	3.9	3.6	3.4	3.0	.3	.6	3.8	4.9	2.5	1.9	.4	2.0
NEW YORK	4.0	3.2	2.4	1.9	1.4	1.1	4.1	3.8	1.7	1.2	1.5	1.9
Albany—Schenectady—Troy	2.6	2.1	1.3	1.2	.7	.4	3.0	3.3	1.0	.7	.9	1.5
Binghamton	2.5	2.2	2.0	1.8	.3	.2	4.6	1.5	1.5	.8	.3	.2
Buffalo	4.1	3.3	1.1	.7	2.8	2.4	3.7	3.5	.8	.5	2.2	2.3
Elmira	2.0	2.1	1.1	.8	.6	1.0	2.6	2.8	.6	.7	.9	1.1
Monroe County [8]	2.4	1.7	1.6	1.3	.6	.3	3.2	2.4	2.4	1.1	.4	.9
Nassau—Suffolk [9]	4.5	4.0	3.4	3.1	.8	.7	4.1	3.9	2.6	2.1	.6	.9
New York and Nassau—Suffolk	4.7	3.8	3.0	2.6	1.5	1.1	4.4	4.1	1.8	1.4	1.7	1.8
New York SMSA [9]	4.7	3.8	2.9	2.4	1.6	1.2	4.5	4.1	1.6	1.2	1.9	2.0
New York City [10]	5.0	4.1	3.0	2.6	1.8	1.4	4.7	4.4	1.6	1.3	2.1	2.2
Rochester	3.2	2.5	2.0	1.7	1.0	.5	3.7	3.1	2.5	1.2	.7	1.4
Syracuse	2.4	2.2	1.6	1.3	.5	.7	4.5	4.1	1.5	1.3	2.3	2.2
Utica—Rome	2.8	2.3	1.6	1.4	1.0	.7	2.8	3.1	1.2	.8	1.0	1.6
Westchester County [10]	3.1	2.1	2.4	1.7	.5	.3	3.3	2.6	1.7	.9	1.0	1.1
NORTH CAROLINA	3.4	2.7	2.9	2.2	.3	.3	3.9	3.3	2.3	1.7	.7	.8
Charlotte—Gastonia	3.6	3.2	3.2	2.7	.3	.3	4.5	4.1	2.8	2.3	.7	1.0
Greensboro—Winston-Salem—High Point	3.5	2.6	3.0	2.1	.2	.3	3.3	2.7	2.2	1.7	.3	.3
NORTH DAKOTA	8.3	8.9	5.4	6.2	2.7	1.4	5.4	4.6	3.3	2.3	1.5	1.5
Fargo—Moorhead	6.2	11.0	5.0	3.9	.3	6.9	5.3	3.4	2.9	1.3	1.6	1.1
OHIO	2.3	1.9	.9	.7	(*)	(*)	3.2	3.3	.8	.5	1.7	2.2
Akron	1.2	1.3	.7	.5	(*)	(*)	2.0	2.6	.6	.6	.9	1.6
Canton	2.3	2.7	.9	.8	(*)	(*)	3.6	3.9	.8	.5	1.5	2.4
Cincinnati	1.9	2.1	1.1	1.0	(*)	(*)	2.3	2.8	.9	.7	.7	1.6
Cleveland	2.4	1.8	1.1	.9	(*)	(*)	2.9	2.9	.9	.6	1.3	1.6
Columbus	2.4	2.0	1.4	1.3	(*)	(*)	2.7	3.3	1.1	1.0	1.1	1.9
Dayton	1.7	1.5	1.0	.9	(*)	(*)	2.5	2.4	.9	.6	.9	1.1
Toledo	2.0	1.9	.7	.5	(*)	(*)	3.0	2.8	1.0	.4	1.3	1.9
Youngstown—Warren	5.1	1.5	.5	.4	(*)	(*)	2.5	3.0	.7	.4	.8	1.7
OKLAHOMA	5.7	5.5	5.1	4.8	.4	.4	5.5	5.9	4.0	3.9	.6	.9
Oklahoma City	4.7	4.5	4.2	4.1	.3	.3	4.8	5.0	3.6	3.5	.4	.6
Tulsa [11]	6.0	5.8	5.5	5.4	.3	.3	5.1	4.9	3.3	3.0	.4	.7
OREGON [7]	3.4	3.5	2.1	1.8	1.6	1.5	5.8	6.1	1.7	1.2	3.5	4.3
Eugene—Springfield [7]	1.6	2.2	1.0	1.1	.3	1.1	6.4	9.4	1.1	.8	4.5	8.1
Portland [7]	4.0	2.4	2.5	2.0	1.4	.7	4.7	4.3	1.6	1.2	2.3	2.4

See footnotes at end of table.

D-4. Labor turnover rates in manufacturing for selected States and areas—Continued

[Per 100 employees]

State and area	Accession rates						Separation rates					
	Total		New hires		Recalls		Total		Quits		Layoffs	
	Sept. 1981	Oct. 1981[p]	Sept. 1981	Oct. 1981[p]	Sept. 1981	Oct. 1981[p]	Sept. 1981	Oct. 1981[p]	Sept. 1981	Oct. 1981[p]	Sept. 1981	Oct. 1981[p]
PENNSYLVANIA	2.9	2.5	1.5	1.2	1.2	1.0	3.7	4.5	1.1	0.8	1.8	2.9
Allentown—Bethlehem—Easton	2.4	2.5	1.6	1.3	.5	.4	3.0	5.2	1.2	.8	1.2	3.1
Altoona	2.3	1.0	.8	.6	1.4	.3	2.2	2.8	.7	.4	1.1	2.2
Erie	2.8	2.7	1.8	1.8	.7	.8	3.4	3.6	1.1	1.0	1.5	1.9
Harrisburg	1.6	1.6	1.1	.9	.3	.6	3.0	3.2	1.4	.7	1.0	1.6
Johnstown	4.3	3.2	1.1	.7	2.7	2.4	8.5	5.6	.8	1.5	6.0	2.3
Lancaster	2.5	1.7	2.1	1.4	.2	.1	3.0	2.1	1.7	.9	.4	.8
Northeast Pennsylvania	3.3	3.3	1.9	1.6	1.2	1.6	3.6	4.0	1.4	1.0	1.7	2.6
Philadelphia SMSA	2.9	2.3	1.7	1.5	.9	.7	3.0	4.0	1.2	.8	1.1	2.4
Pittsburgh	2.7	2.1	.7	.5	1.6	1.2	4.2	5.4	.6	.3	2.7	4.3
Reading	3.4	2.6	2.0	1.4	1.2	1.1	3.7	2.8	1.3	1.0	1.8	.9
Scranton [12]	3.0	4.3	2.4	1.9	.4	2.4	3.7	4.6	1.8	1.3	1.6	2.9
Wilkes-Barre—Hazleton[13]	3.7	2.5	1.5	1.3	1.9	1.0	4.0	4.0	1.4	.8	2.0	2.6
Williamsport	2.0	5.1	.9	.7	.9	4.3	5.2	3.3	.6	.5	2.1	2.4
York	4.4	2.2	2.6	1.6	1.7	.5	3.2	3.7	1.5	1.1	1.2	2.0
RHODE ISLAND	4.6	3.2	3.6	2.5	.8	.5	2.4	4.2	2.4	1.6	1.3	1.8
Providence—Warwick—Pawtucket	4.8	3.3	3.8	2.5	.8	.6	4.7	4.1	2.4	1.6	1.3	1.8
SOUTH CAROLINA	3.4	3.4	2.4	1.9	.6	1.3	3.7	4.7	1.8	1.4	1.0	2.6
Charleston—North Charleston	2.7	1.5	1.8	1.1	.8	.2	3.7	5.0	2.0	.9	.7	2.9
Columbia	2.4	2.3	2.0	1.8	.2	.2	2.8	4.1	1.2	1.5	.6	1.9
Greenville—Spartanburg	3.3	3.3	2.9	2.4	.2	.7	3.8	3.6	2.0	1.7	.9	1.1
SOUTH DAKOTA	2.4	2.9	1.3	1.8	.9	.8	2.7	2.4	1.5	1.0	.7	.9
Sioux Falls	1.4	2.2	.7	1.0	.7	1.2	1.9	1.6	.8	.4	.8	.6
TENNESSEE:												
Memphis	2.2	1.7	1.7	1.1	.3	.5	3.2	2.2	1.4	.5	1.0	1.2
TEXAS:												
Dallas—Fort Worth	4.2	3.9	3.9	3.5	.2	.2	4.6	4.1	3.3	2.5	.5	.7
Houston	4.2	3.8	4.0	3.6	.1	.2	3.6	3.8	2.5	2.6	.2	.2
San Antonio	5.0	4.2	4.5	3.8	.4	.2	5.1	5.1	3.8	3.3	.2	.4
UTAH[4]	3.9	3.9	3.6	3.1	.2	.7	5.3	5.9	3.1	2.3	1.5	2.8
Salt Lake City—Ogden [4]	3.7	3.3	3.3	3.0	.2	.2	4.3	4.0	2.7	2.2	.8	.8
VERMONT	3.0	2.3	2.5	1.4	.3	.5	3.7	3.2	1.7	1.3	1.5	1.4
Burlington	2.0	2.0	1.9	1.7	.1	.2	3.4	2.1	.7	.7	2.3	1.0
Springfield	1.3	1.1	1.1	.6	.1	.5	2.2	2.4	1.1	.9	.5	.8
VIRGINIA	2.6	1.9	1.6	1.3	.7	.5	2.6	2.5	1.2	.9	.6	.9
Richmond	1.9	.7	1.2	.6	.1	.1	2.6	1.4	.8	.5	.2	.5
WASHINGTON: [15]												
Seattle—Everett	2.5	1.8	1.4	1.2	1.0	.5	2.9	3.0	1.1	.8	.9	1.6
WEST VIRGINIA	5.3	2.0	1.6	.9	3.6	1.0	3.3	4.0	1.1	.8	1.7	2.7
WISCONSIN	2.6	2.0	1.4	.9	.9	.7	3.4	5.1	1.1	.6	1.5	3.7
Milwaukee	2.5	1.9	.9	.8	1.0	.7	2.8	3.7	.7	.5	1.3	2.4
WYOMING	9.7	9.4	7.8	7.0	1.9	2.4	7.0	7.9	4.8	5.1	.6	1.7

[1] Less than 0.05.
[2] Excludes agricultural chemicals, and miscellaneous manufacturing.
[3] Excludes canned fruits, vegetables, preserves, jams, and jellies.
[4] Excludes canning and preserving, and sugar.
[5] Excludes canning and preserving.
[6] Excludes canning and preserving, and newspapers.
[7] Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area.
[8] Subarea of Rochester Standard Metropolitan Statistical Area.
[9] Area included in New York and Nassau-Suffolk combined SMSA's.
[10] Subarea of New York Standard Metropolitan Statistical Area.
[11] Excludes new-hire rate for transportation equipment.
[12] Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area.
[13] Excludes canning and preserving, printing and publishing.
p = preliminary.
* Not available.

NOTE: This table will be discontinued after the February issue. See Editors' Note in this issue.

SOURCE: Cooperating State agencies listed on inside back cover except for data for the States of California, New Mexico, and West Virginia which are collected and calculated by the Bureau of Labor Statistics (Washington Office).

STATE AND AREA UNEMPLOYMENT DATA

E-1. Labor force and unemployment by State and selected metropolitan areas

(Numbers in thousands)

State and area	Labor force			Unemployment					
				Number			Percent of labor force		
	NOV. 1980	OCT. 1981	NOV. 1981P	NOV. 1980	OCT. 1981	NOV. 1981P	NOV. 1980	OCT. 1981	NOV. 198
ALABAMA	1,648.6	1,642.9	1,637.5	144.2	178.2	186.4	8.7	10.8	11.4
Birmingham	381.3	374.4	374.2	37.9	40.0	40.2	9.9	10.7	10.7
Huntsville	137.8	138.9	138.7	11.7	13.6	14.2	8.5	9.8	10.2
Mobile	184.0	182.9	182.7	13.2	18.8	19.5	7.2	10.3	10.7
Montgomery	119.5	118.7	117.5	8.9	11.5	11.2	7.5	9.7	9.6
Tuscaloosa	52.6	51.8	52.3	3.8	4.9	5.5	7.3	9.4	10.6
ALASKA	185.1	198.2	196.9	17.0	17.7	18.4	9.2	8.9	9.4
ARIZONA	1,145.1	1,187.5	1,198.0	74.7	73.6	77.1	6.5	6.2	6.4
Phoenix	696.4	724.8	732.8	39.7	37.0	38.9	5.7	5.1	5.3
Tucson	209.9	218.4	220.4	12.0	11.7	12.8	5.7	5.4	5.8
ARKANSAS	973.5	1,037.7	1,016.3	74.1	86.6	94.6	7.6	8.3	9.3
Fayetteville-Springdale	77.1	81.1	80.6	3.9	3.9	4.3	5.0	4.8	5.4
Fort Smith[1]	82.3	86.8	86.3	7.1	8.2	9.5	8.6	9.5	11.0
Little Rock—North Little Rock	187.2	196.3	194.2	11.0	14.3	15.3	5.9	7.3	7.9
Pine Bluff	39.7	41.6	40.8	2.8	3.9	3.9	7.0	9.4	9.6
CALIFORNIA[1]	11,325.0	11,484.8	11,506.0	785.0	877.9	897.9	6.9	7.6	7.8
Anaheim—Santa Ana—Garden Grove	1,123.6	1,152.8	1,161.8	44.5	58.2	59.9	4.0	5.1	5.2
Bakersfield	183.0	192.1	191.7	15.1	18.7	19.6	8.3	9.7	10.2
Fresno	252.4	268.9	265.9	23.6	29.8	32.6	9.4	11.1	12.3
Los Angeles—Long Beach[1]	3,609.0	3,540.0	3,546.0	291.0	266.0	241.0	8.1	7.5	6.8
Modesto	125.8	133.0	130.9	13.3	16.8	19.5	12.2	12.6	14.9
Oxnard—Simi Valley—Ventura	234.9	244.4	243.9	16.6	21.8	22.0	7.1	8.9	9.0
Riverside—San Bernardino—Ontario	585.6	600.8	607.4	42.1	54.9	56.6	7.2	9.1	9.3
Sacramento	476.0	488.2	491.0	34.8	42.9	46.1	7.3	8.8	9.4
Salinas—Seaside—Monterey	130.3	134.9	135.3	11.9	10.8	14.1	9.2	8.0	10.5
San Diego	772.8	785.7	789.0	46.5	59.1	58.9	6.0	7.5	7.5
San Francisco—Oakland	1,641.8	1,676.6	1,685.2	82.9	98.3	102.8	5.0	5.9	6.1
San Jose	762.4	780.6	785.4	36.4	48.2	51.4	4.8	6.2	6.5
Santa Barbara—Santa Maria—Lompoc	148.3	151.4	151.7	7.4	9.3	9.3	5.0	6.1	6.2
Santa Rosa	133.3	138.4	138.4	8.7	10.7	12.4	6.5	7.7	9.0
Stockton	158.6	169.7	169.9	16.9	20.3	23.1	10.7	11.9	14.1
Vallejo—Fairfield—Napa	128.7	136.3	135.9	8.8	11.1	12.3	6.9	8.1	9.1
COLORADO	1,486.5	1,528.8	1,523.6	85.6	78.4	80.1	5.8	5.1	5.3
Denver—Boulder	884.3	904.4	908.5	47.4	42.3	43.1	5.4	4.7	4.7
CONNECTICUT	1,616.8	1,597.8	1,607.0	88.2	97.9	101.9	5.5	6.1	6.3
Bridgeport	200.7	196.2	196.8	11.3	13.3	12.2	5.6	6.7	6.2
Hartford	391.4	386.6	389.2	18.9	22.4	23.4	4.8	5.8	6.0
New Britain	77.7	78.2	78.7	4.0	5.3	5.7	5.1	6.8	7.2
New Haven—West Haven	208.3	202.7	203.4	13.1	13.1	13.4	6.3	6.5	6.6
Stamford	118.7	120.9	121.6	4.3	4.7	4.7	3.6	3.9	3.9
Waterbury	108.9	107.0	108.2	7.5	7.4	8.2	6.9	6.9	7.6
DELAWARE	280.3	280.9	282.5	19.3	20.1	25.7	6.9	7.1	9.1
Wilmington[1]	250.8	249.7	252.2	16.6	17.4	23.4	6.6	7.0	9.3
DISTRICT OF COLUMBIA	316.5	292.4	293.0	22.4	25.0	24.6	7.1	8.6	8.4
Washington SMSA	1,637.7	1,637.5	1,641.2	69.0	83.3	85.1	4.2	5.1	5.2
FLORIDA[1]	3,989.0	4,192.1	4,164.5	223.0	327.6	314.3	5.6	7.8	7.5
Bradenton	57.6	59.9	60.9	2.7	4.1	4.0	4.6	6.8	6.6
Daytona Beach	94.2	99.9	99.7	5.2	7.3	7.4	5.6	7.3	7.5
Fort Lauderdale—Hollywood	428.7	441.5	436.5	17.5	27.6	26.1	4.1	6.3	6.0
Fort Myers—Cape Coral	78.7	83.3	84.0	4.0	5.6	5.5	5.1	6.8	6.6
Gainesville	68.4	75.9	75.0	2.8	4.2	3.7	4.1	5.6	4.9
Jacksonville	303.6	326.1	322.6	16.0	25.7	24.2	5.3	7.9	7.5
Lakeland—Winter Haven	129.5	134.2	133.7	11.9	20.6	18.8	9.2	15.3	14.1
Melbourne—Titusville—Cocoa	107.6	114.0	112.8	6.5	10.1	9.6	6.1	8.9	8.5
Miami	737.3	758.6	747.1	42.8	57.1	52.3	5.8	7.5	7.0
Orlando	321.0	341.8	337.5	17.8	27.0	25.6	5.5	7.9	7.6
Panama City	37.0	40.0	39.4	3.4	4.7	4.9	9.1	11.7	12.4
Pensacola	109.2	116.7	115.3	5.6	8.3	8.5	5.1	7.1	7.4
Sarasota	69.2	74.0	74.4	2.8	4.5	4.9	4.1	6.1	6.5
Tallahassee	77.9	81.6	80.9	2.7	3.9	4.2	3.5	4.8	5.1
Tampa—St. Petersburg	612.8	652.1	650.9	31.4	45.4	46.1	5.1	7.0	7.1
West Palm Beach—Boca Raton	241.3	247.8	251.9	13.4	19.9	17.8	5.5	8.0	7.1

See footnotes at end of table.

E-1. Labor force and unemployment by State and selected metropolitan areas—Continued

(Numbers in thousands)

State and area	Labor force			Unemployment					
				Number			Percent of labor force		
	NOV. 1980	OCT. 1981	NOV. 1981P	NOV. 1980	OCT. 1981	NOV. 1981P	NOV. 1980	OCT. 1981	NOV. 1981P
GEORGIA	2,396.0	2,481.6	2,461.3	148.0	160.3	164.7	6.2	6.5	6.7
Albany	49.4	51.6	51.6	4.0	3.9	4.0	8.0	7.6	7.7
Atlanta	975.8	1,006.8	1,007.1	52.2	55.3	55.8	5.4	5.5	5.5
Augusta	124.2	128.2	126.7	8.7	9.7	8.6	7.0	7.6	6.8
Columbus[1]	82.3	83.9	84.2	6.2	7.5	7.8	7.5	9.0	9.3
Macon	98.4	100.8	101.0	6.0	6.5	6.7	6.1	6.5	6.6
Savannah	88.2	93.2	93.1	6.0	5.5	5.9	6.7	5.9	6.3
HAWAII	400.1	409.2	414.0	20.3	22.7	21.9	5.1	5.6	5.3
Honolulu	313.3	319.4	323.3	15.1	16.6	15.9	4.8	5.2	4.9
IDAHO	416.3	429.3	416.5	28.7	29.8	33.9	6.9	6.9	8.1
Boise City	89.3	86.1	86.8	5.2	5.0	5.8	5.8	5.9	6.7
ILLINOIS[2]	5,522.0	5,560.4	5,525.6	460.0	450.5	461.0	8.3	8.1	8.3
Bloomington—Normal	61.5	63.8	62.5	3.9	3.2	3.3	6.3	5.0	5.3
Champaign—Urbana—Rantoul	85.8	89.0	86.3	4.6	4.9	4.8	5.4	5.5	5.5
Chicago	3,466.7	3,484.9	3,434.0	271.2	275.4	274.5	7.8	7.9	8.0
Davenport—Rock Island—Moline[1]	187.9	189.8	191.4	13.8	16.7	19.3	7.4	8.8	10.1
Decatur	61.3	62.1	61.5	6.9	6.9	7.1	11.2	11.1	11.5
Kankakee	61.4	62.1	60.9	4.6	5.7	5.5	11.2	13.5	13.4
Peoria	174.1	174.7	172.1	15.3	12.8	13.9	8.8	7.3	8.1
Rockford	134.3	136.2	138.5	17.9	12.2	16.9	13.3	8.9	12.2
Springfield	97.4	99.1	97.7	6.5	6.0	6.3	6.6	6.1	6.5
INDIANA	2,600.0	2,635.7	2,648.8	227.5	258.5	287.2	8.8	9.8	10.8
Anderson	56.2	56.8	56.5	6.4	7.4	7.7	11.4	13.0	13.5
Elkhart	67.0	67.1	67.6	6.4	6.2	7.6	9.6	9.2	11.2
Evansville[1]	145.0	149.4	149.4	9.6	13.8	14.2	6.6	9.3	9.5
Fort Wayne	194.7	193.8	194.7	19.8	19.0	21.6	10.2	9.8	11.1
Gary—Hammond—East Chicago	293.9	296.1	296.1	31.6	36.8	38.1	10.8	12.4	12.9
Indianapolis	603.6	615.0	623.5	41.9	50.7	58.4	6.9	8.2	9.4
Lafayette—West Lafayette	63.6	65.2	65.7	3.5	4.7	4.9	5.5	7.1	7.5
Muncie	57.1	59.0	59.2	5.2	7.4	8.2	9.2	12.6	13.8
South Bend	136.5	135.8	137.2	12.2	11.3	12.6	9.0	8.3	9.2
Terre Haute	82.6	80.5	80.5	7.0	7.7	8.5	8.5	9.6	10.6
IOWA	1,428.6	1,442.2	1,438.4	74.9	88.8	102.0	5.2	6.2	7.1
Cedar Rapids	89.7	87.0	88.2	6.0	6.3	7.4	6.7	7.3	8.4
Des Moines	183.8	183.9	185.7	9.5	12.1	12.9	5.2	6.6	6.9
Dubuque	45.6	45.8	45.9	4.0	5.4	5.3	8.8	11.8	11.5
Sioux City[1]	54.1	54.5	54.4	3.1	4.1	3.9	5.8	7.6	7.2
Waterloo—Cedar Falls	69.5	68.2	69.1	4.2	5.2	5.8	6.0	7.7	8.4
KANSAS	1,193.2	1,219.5	1,215.4	52.3	51.7	53.5	4.4	4.2	4.4
Lawrence	36.2	36.7	36.5	1.7	1.7	1.7	4.8	4.6	4.6
Topeka	95.6	97.0	97.6	5.4	5.7	5.3	5.7	5.9	5.4
Wichita	228.6	232.8	235.3	9.6	9.8	10.7	4.2	4.2	4.5
KENTUCKY	1,626.4	1,664.9	1,646.6	119.1	119.5	152.0	7.3	7.2	9.2
Lexington—Fayette	175.3	181.6	178.8	7.1	8.3	8.8	4.1	4.6	4.9
Louisville	428.7	435.5	N.A.	31.2	34.1	N.A.	7.3	7.9	N.A.
Owensboro	42.3	43.5	42.9	2.6	3.0	3.3	6.2	7.0	7.7
LOUISIANA	1,755.2	1,801.2	1,778.8	119.9	144.5	146.5	6.8	8.0	8.2
Alexandria	69.1	70.7	69.3	6.3	6.6	6.5	9.1	9.4	9.4
Baton Rouge	223.8	229.7	228.9	15.4	21.7	21.7	7.0	9.4	9.5
Lafayette	81.8	89.0	88.6	3.0	3.8	3.6	3.7	4.3	4.1
Lake Charles	74.2	75.9	75.6	5.0	6.4	6.6	6.8	8.4	8.7
Monroe	54.6	52.4	52.9	4.8	5.1	5.2	8.8	9.7	9.9
New Orleans	479.9	480.0	478.2	30.3	36.5	38.2	6.3	7.6	8.0
Shreveport	155.7	156.8	154.6	11.1	11.8	11.5	7.1	7.5	7.4
MAINE	496.8	496.5	491.5	35.4	28.5	31.7	7.1	5.7	6.4
Lewiston—Auburn	38.6	36.9	36.8	2.7	2.1	2.2	7.0	5.7	5.9
Portland	91.5	91.1	92.3	5.3	4.0	4.5	5.7	4.4	4.8
MARYLAND	2,133.0	2,152.1	2,156.0	130.5	159.4	169.3	6.1	7.4	7.9
Baltimore	1,060.6	1,060.2	1,062.9	74.2	91.8	96.7	7.0	8.7	9.1

See footnotes at end of table.

STATE AND AREA UNEMPLOYMENT DATA

E-1. Labor force and unemployment by State and selected metropolitan areas—Continued

(Numbers in thousands)

State and area	Labor force			Unemployment					
				Number			Percent of labor force		
	NOV. 1980	OCT. 1981	NOV. 1981P	NOV. 1980	OCT. 1981	NOV. 1981P	NOV. 1980	OCT. 1981	NOV. 1981P
MASSACHUSETTS[1]	2,947.0	3,043.2	3,061.7	135.0	211.9	194.7	4.6	7.0	6.4
Boston	1,441.0	1,503.8	1,516.2	58.3	95.7	84.1	4.0	6.4	5.5
Brockton	83.8	83.6	84.9	4.6	7.0	6.4	5.4	8.3	7.5
Fall River[1]	73.4	76.7	76.7	4.6	7.0	7.1	6.3	9.2	9.3
Lawrence—Haverhill[1]	143.3	148.1	147.2	7.3	10.7	10.2	5.1	7.2	6.9
Lowell	122.6	127.1	128.9	5.8	9.6	8.8	4.7	7.5	6.8
New Bedford	81.8	84.5	85.7	5.4	8.2	8.0	6.6	9.7	9.3
Springfield—Chicopee—Holyoke	278.0	286.1	286.8	12.8	19.9	18.3	4.6	7.0	6.4
Worcester	202.2	204.0	204.8	8.4	13.1	12.3	4.1	6.4	6.0
MICHIGAN[2]	4,305.0	4,438.0	4,403.8	549.0	511.8	521.0	12.8	11.5	11.8
Ann Arbor	146.8	N.A.	N.A.	11.9	N.A.	N.A.	8.1	N.A.	N.A.
Battle Creek	80.7	N.A.	N.A.	10.7	N.A.	N.A.	13.2	N.A.	N.A.
Bay City	53.3	N.A.	N.A.	7.6	N.A.	N.A.	14.2	N.A.	N.A.
Detroit	2,034.4	N.A.	N.A.	270.4	N.A.	N.A.	13.3	N.A.	N.A.
Flint	231.1	N.A.	N.A.	35.5	N.A.	N.A.	15.3	N.A.	N.A.
Grand Rapids	316.0	N.A.	N.A.	28.9	N.A.	N.A.	9.1	N.A.	N.A.
Jackson	65.6	N.A.	N.A.	8.5	N.A.	N.A.	13.0	N.A.	N.A.
Kalamazoo—Portage	135.1	N.A.	N.A.	12.7	N.A.	N.A.	9.4	N.A.	N.A.
Lansing—East Lansing	239.8	N.A.	N.A.	26.2	N.A.	N.A.	10.9	N.A.	N.A.
Muskegon—Norton Shores—Muskegon Heights	78.8	N.A.	N.A.	12.1	N.A.	N.A.	15.4	N.A.	N.A.
Saginaw	100.0	N.A.	N.A.	12.4	N.A.	N.A.	12.4	N.A.	N.A.
MINNESOTA	2,097.5	2,198.3	2,173.4	112.8	109.7	125.3	5.4	5.0	5.8
Duluth—Superior[1]	114.0	114.7	113.4	10.6	10.2	10.8	9.1	8.9	9.5
Minneapolis—St. Paul	1,120.7	1,197.7	1,194.9	49.4	52.0	58.1	4.4	4.3	4.9
Rochester	55.0	58.8	58.0	2.6	2.6	3.0	4.8	4.4	5.1
St. Cloud	74.1	76.1	75.3	4.9	5.4	6.1	6.7	7.1	8.1
MISSISSIPPI	1,024.2	1,024.8	1,020.0	74.4	84.1	92.1	7.3	8.2	9.0
Jackson	153.6	151.3	152.5	8.0	9.7	10.1	5.2	6.4	6.6
MISSOURI	2,279.1	2,323.6	2,285.2	153.5	155.7	158.6	6.7	6.7	6.9
Kansas City[1]	679.4	689.7	683.4	41.0	48.5	44.3	6.0	7.0	6.5
St. Joseph	45.1	44.4	43.4	3.1	3.5	3.7	6.8	7.8	8.4
St. Louis[1]	1,086.1	1,102.6	1,089.3	85.6	84.2	85.6	7.9	7.6	7.9
Springfield	104.1	107.1	106.3	5.8	5.5	5.8	5.6	5.1	5.4
MONTANA	368.5	386.6	384.7	20.1	21.8	25.7	5.5	5.6	6.7
Billings	57.0	59.7	59.7	2.2	2.2	2.5	3.8	3.7	4.1
Great Falls	34.1	35.7	36.2	2.4	2.0	2.2	7.0	5.7	6.1
NEBRASKA	770.8	789.8	789.0	30.5	30.0	33.7	4.0	3.8	4.3
Lincoln	111.2	112.8	114.2	3.7	4.3	4.8	3.3	3.8	4.2
Omaha[1]	278.5	286.5	289.2	14.6	15.8	17.2	5.3	5.5	6.0
NEVADA	381.6	403.6	407.1	23.1	27.3	30.4	6.1	6.8	7.5
Las Vegas	210.1	223.6	226.0	14.5	17.0	18.3	6.9	7.6	8.1
Reno	108.4	111.6	113.1	4.9	5.8	6.8	4.5	5.2	6.0
NEW HAMPSHIRE	464.3	468.8	468.2	21.7	21.1	23.4	4.7	4.5	5.0
Manchester	81.7	80.7	81.6	3.9	3.5	4.0	4.8	4.4	5.0
Nashua	78.6	79.5	80.2	3.6	3.9	3.9	4.6	5.0	4.9
NEW JERSEY[2]	3,581.0	3,566.3	3,559.3	252.0	229.8	249.4	7.0	6.4	7.0
Atlantic City	106.8	116.3	116.1	7.5	10.1	10.6	7.0	8.7	9.1
Jersey City	242.5	238.5	240.0	23.8	22.2	24.7	9.8	9.3	10.3
Long Branch—Asbury Park	231.4	240.3	239.1	16.0	16.1	16.8	6.9	6.7	7.0
New Brunswick—Perth Amboy—Sayreville	329.5	326.9	324.5	19.7	17.8	20.4	6.0	5.5	6.3
Newark	977.3	973.9	972.6	66.5	60.2	62.9	6.8	6.2	6.5
Paterson—Clifton—Passaic	210.7	208.5	209.4	18.1	14.9	16.0	8.6	7.1	7.6
Trenton	160.5	160.9	160.5	7.9	8.1	9.0	4.9	5.0	5.6
Vineland—Millville—Bridgeton	58.8	58.1	58.6	6.9	6.2	7.6	11.7	10.7	12.9
NEW MEXICO	542.9	567.5	564.7	41.2	39.2	38.9	7.6	6.9	6.9
Albuquerque	201.8	208.4	208.5	16.2	14.7	14.7	8.0	7.1	7.0

See footnotes at end of table.

E-1. Labor force and unemployment by State and selected metropolitan areas—Continued

(Numbers in thousands)

State and area	Labor force			Unemployment					
				Number			Percent of labor force		
	NOV. 1980	OCT. 1981	NOV. 1981P	NOV. 1980	OCT. 1981	NOV. 1981P	NOV. 1980	OCT. 1981	NOV. 1981P
NEW YORK[1]	7,939.0	7,886.8	7,852.1	581.0	529.8	574.0	7.3	6.7	7.3
Albany—Schenectady—Troy	381.7	377.4	371.6	22.0	17.3	22.9	5.8	4.6	6.2
Binghamton[1]	142.6	142.5	143.3	10.0	7.0	9.5	7.0	4.9	6.6
Buffalo	591.5	561.3	564.8	53.1	42.9	54.3	9.1	7.6	9.6
Elmira	40.6	40.0	40.0	3.2	2.5	3.0	7.9	6.1	7.4
Nassau-Suffolk	1,329.5	1,304.5	1,305.8	78.3	60.4	73.1	5.9	4.6	5.6
New York	3,515.3	3,549.1	3,516.3	268.0	296.5	272.0	7.6	8.4	7.7
New York City[2]	2,893.0	2,934.0	2,904.0	239.0	274.0	241.0	8.3	9.3	8.3
Poughkeepsie	109.1	109.9	110.1	6.0	4.7	6.0	5.5	4.3	5.4
Rochester	479.1	474.1	475.2	27.5	22.0	29.1	5.7	4.6	6.1
Syracuse	308.2	300.7	301.7	22.5	15.8	20.7	7.3	5.3	6.9
Utica—Rome	137.6	135.7	135.4	10.8	7.2	9.8	7.9	5.3	7.2
NORTH CAROLINA	2,740.5	2,794.7	2,792.1	177.0	156.0	173.0	6.5	5.6	6.2
Asheville	81.9	83.8	83.6	4.9	4.6	5.2	6.0	5.5	6.2
Charlotte—Gastonia	347.9	355.7	356.6	16.4	15.6	16.9	4.7	4.4	4.7
Greensboro—Winston-Salem—High Point	417.3	428.3	430.6	23.9	21.9	24.1	5.7	5.1	5.6
Raleigh—Durham	291.4	296.7	297.7	12.8	11.8	12.7	4.4	4.0	4.3
NORTH DAKOTA	296.0	312.2	301.7	12.9	11.3	13.2	4.4	3.6	4.4
Fargo—Moorhead[1]	70.3	73.7	72.8	3.2	2.9	3.2	4.5	4.0	4.5
OHIO[1]	5,112.0	5,112.0	5,151.4	463.0	504.7	562.0	9.1	9.9	10.9
Akron	304.6	300.2	303.3	28.6	28.5	32.4	9.4	9.5	10.7
Canton	185.9	185.0	187.6	18.3	17.4	19.8	9.8	9.4	10.6
Cincinnati[1]	679.9	693.9	697.2	51.9	63.6	67.8	7.6	9.1	9.7
Cleveland	943.6	936.7	944.7	77.8	80.3	87.8	8.2	8.6	9.3
Columbus	571.2	575.6	581.3	38.8	46.1	50.3	6.8	8.0	8.6
Dayton	390.8	392.3	395.7	30.0	33.4	36.7	7.7	8.5	9.3
Toledo[1]	370.8	N.A.	N.A.	39.0	N.A.	N.A.	10.5	N.A.	N.A.
Youngstown—Warren	236.5	230.2	235.5	29.7	25.4	29.4	12.4	11.0	12.5
OKLAHOMA	1,331.8	1,414.4	1,406.1	61.8	48.4	53.8	4.6	3.4	3.8
Oklahoma City	409.5	440.9	441.3	17.3	13.0	17.9	4.2	2.9	4.1
Tulsa	327.6	350.1	348.6	13.9	12.5	12.7	4.2	3.6	3.6
OREGON	1,255.0	1,323.5	1,316.7	101.2	126.1	141.7	8.1	9.5	10.8
Eugene—Springfield	132.0	140.1	139.2	12.4	16.4	17.6	9.4	11.7	12.6
Portland[1]	618.2	641.5	654.7	39.1	50.5	56.1	6.3	7.9	8.7
Salem	118.5	126.3	123.2	8.5	9.8	10.8	7.2	7.8	8.8
PENNSYLVANIA[1]	5,440.0	5,472.4	5,463.4	412.0	467.1	472.8	7.6	8.5	8.7
Allentown—Bethlehem—Easton[1]	306.2	310.9	311.4	20.6	24.3	27.0	6.7	7.8	8.7
Altoona	60.6	57.7	57.8	6.3	6.6	6.9	10.5	11.5	11.9
Erie	127.6	124.7	124.8	12.0	11.2	12.3	9.4	8.9	9.9
Harrisburg	222.3	232.4	231.2	12.6	14.6	13.5	5.7	6.3	5.8
Johnstown	109.7	106.7	106.6	13.2	13.2	14.3	12.1	12.4	13.4
Lancaster	179.9	185.9	185.7	9.9	9.8	11.3	5.5	5.3	6.1
Northeast Pennsylvania	293.7	288.3	288.7	29.2	27.6	29.4	10.0	9.6	10.2
Philadelphia[1]	2,177.5	2,160.3	2,154.9	141.8	179.4	167.9	6.5	8.3	7.8
Pittsburgh	1,029.6	1,043.9	1,046.5	71.7	76.3	81.2	7.0	7.3	7.8
Reading	158.1	166.6	164.2	10.3	12.2	12.8	6.5	7.4	7.8
Williamsport	53.2	53.6	53.6	5.5	6.5	5.8	10.3	12.1	10.9
York	176.5	181.9	181.6	10.8	13.3	14.0	6.1	7.3	7.7
RHODE ISLAND	462.6	469.0	469.9	27.8	29.4	30.8	6.0	6.3	6.6
Providence—Warwick—Pawtucket[1]	459.6	466.3	467.5	27.1	30.1	30.7	5.9	6.5	6.6
SOUTH CAROLINA	1,304.3	1,344.7	1,337.0	93.1	108.9	121.7	7.1	8.1	9.1
Charleston—North Charleston	156.2	163.7	164.7	10.8	12.3	14.2	6.9	7.5	8.6
Columbia	175.3	177.6	177.4	7.5	10.4	11.9	4.3	5.8	6.7
Greenville—Spartanburg	261.3	268.4	268.2	15.5	19.8	22.0	5.9	7.4	8.2
SOUTH DAKOTA	329.4	342.3	333.0	16.0	14.4	16.0	4.9	4.2	4.8
Rapid City	40.7	41.8	41.3	2.3	1.9	2.1	5.6	4.6	5.2
Sioux Falls	62.7	64.6	64.5	2.8	2.9	3.3	4.5	4.4	5.1
TENNESSEE	2,017.9	2,099.0	2,084.9	139.1	179.2	200.0	6.9	8.5	9.6
Chattanooga[1]	188.6	192.9	191.5	13.0	16.9	17.1	6.9	8.8	8.9
Knoxville	213.9	221.7	221.9	11.6	15.7	18.2	5.4	7.1	8.2
Memphis[1]	390.7	407.4	405.0	23.9	35.3	37.0	6.1	8.7	9.1
Nashville—Davidson	411.1	422.0	420.5	22.4	26.6	28.4	5.4	6.3	6.7

See footnotes at end of table.

STATE AND AREA UNEMPLOYMENT DATA

E-1. Labor force and unemployment by State and selected metropolitan areas—Continued

(Numbers in thousands)

State and area	Labor force			Unemployment					
				Number			Percent of labor force		
	NOV. 1980	OCT. 1981	NOV. 1981P	NOV. 1980	OCT. 1981	NOV. 1981P	NOV. 1980	OCT. 1981	NOV. 1981P
TEXAS[1]	6,510.0	6,726.2	6,766.6	363.0	310.7	373.0	5.6	4.6	5.5
Amarillo	86.8	89.4	90.8	3.9	3.5	4.0	4.4	3.9	4.5
Austin	257.0	268.3	268.1	9.8	9.4	10.9	3.8	3.5	4.1
Beaumont—Port Arthur—Orange	170.1	170.0	169.3	12.5	9.3	11.4	7.3	5.4	6.7
Corpus Christi	141.3	147.2	148.4	8.7	7.6	9.2	6.1	5.2	6.2
Dallas—Fort Worth	1,559.0	1,619.8	1,628.4	74.4	68.2	79.5	4.8	4.2	4.9
El Paso	176.6	176.6	179.8	17.7	12.7	15.7	10.0	7.2	8.8
Galveston—Texas City	84.0	86.1	88.0	5.9	4.8	6.3	7.0	5.6	7.1
Houston	1,500.6	1,581.0	1,595.1	66.4	62.4	72.4	4.4	3.9	4.6
Lubbock	100.4	102.3	102.8	4.4	4.2	5.2	4.3	4.1	5.1
San Antonio	431.8	439.2	442.1	29.5	25.0	30.2	6.8	5.7	6.8
Waco	80.7	82.5	83.1	4.0	3.7	4.0	5.0	4.5	4.9
Wichita Falls	61.1	63.5	65.6	2.9	2.4	4.4	4.0	3.8	7.0
UTAH	614.0	628.2	630.5	38.2	39.8	43.1	6.2	6.3	6.8
Salt Lake City—Ogden	403.6	412.0	412.0	24.6	25.2	27.3	6.1	6.1	6.6
VERMONT	247.9	260.5	256.7	15.7	11.7	14.0	6.3	4.5	5.4
VIRGINIA	2,549.8	2,559.5	2,575.0	127.3	137.9	156.2	5.0	5.4	6.1
Lynchburg	77.6	76.9	77.8	3.9	3.8	4.6	5.1	5.0	5.9
Newport News—Hampton	170.0	172.7	171.6	9.2	9.5	10.7	5.4	5.5	6.2
Norfolk—Virginia Beach—Portsmouth[1]	327.9	335.8	339.7	18.6	19.4	22.6	5.7	5.8	6.6
Petersburg—Colonial Heights—Hopewell	60.2	59.4	59.7	4.0	4.0	4.3	6.6	6.7	7.1
Richmond	332.7	334.2	337.8	11.9	13.2	15.9	3.6	4.0	4.7
Roanoke	112.2	110.4	110.8	5.0	7.0	6.9	4.5	6.3	6.2
WASHINGTON	1,895.7	1,924.1	1,914.3	143.0	175.7	192.6	7.5	9.1	10.1
Seattle—Everett	866.0	836.8	843.3	51.9	67.3	71.2	6.1	8.0	8.4
Spokane	145.9	145.3	144.1	11.2	13.4	14.7	7.7	9.2	10.1
Tacoma	171.4	171.4	172.9	13.0	16.4	17.1	7.6	9.5	9.9
WEST VIRGINIA	769.0	770.1	774.1	69.0	65.0	75.0	9.0	8.4	9.7
Charleston	128.7	126.4	126.1	9.6	8.6	9.4	7.5	6.8	7.5
Huntington—Ashland[1]	125.8	126.7	127.0	12.2	11.4	12.8	9.7	9.0	10.1
Parkersburg—Marietta[1]	73.1	71.5	72.0	7.9	6.7	7.5	10.7	9.4	10.4
Wheeling[1]	82.9	82.4	82.4	7.8	8.4	8.6	9.4	10.2	10.4
WISCONSIN	2,194.1	2,448.3	2,434.8	155.0	185.8	193.6	6.5	7.6	7.9
Appleton—Oshkosh	149.1	152.6	152.1	10.0	10.3	11.3	6.7	6.7	7.4
Eau Claire	57.6	60.2	59.9	3.2	4.1	4.4	5.6	6.8	7.4
Green Bay	89.4	93.2	92.1	5.7	6.9	7.6	6.4	7.4	8.1
Janesville—Beloit	70.6	72.5	72.0	5.6	10.4	10.8	8.0	14.3	15.0
Kenosha	61.9	57.9	58.3	4.9	9.8	4.6	8.0	17.0	7.8
La Crosse	48.9	51.5	51.7	2.7	3.5	3.8	5.5	6.8	7.4
Madison	185.2	191.6	190.4	7.8	9.6	10.1	4.2	5.0	5.3
Milwaukee	731.3	744.7	743.0	44.8	77.9	55.6	6.1	7.1	7.5
Racine	87.4	89.5	87.1	7.4	9.3	7.5	8.4	10.4	8.6
WYOMING	242.3	244.8	243.1	10.6	9.1	10.4	4.4	3.7	4.3

[1] Includes interstate portion of area located in adjacent State.

[2] Data are obtained directly from the Current Population Survey. (See "Explanatory Notes" for State and Area Unemployment Data in Employment and Earnings, monthly.)

NOTE: Estimates for 1980 have been benchmarked to 1980 Current Population Survey annual averages. Except in the 10 States and 2 areas designated by footnote 2, estimates for 1981 are provisional and will be revised when new benchmark information becomes available. Data refer to place of residence.

p = preliminary.
N.A. = not available.

SOURCE: Current Population Survey and Cooperating State Employment Security Agencies listed on inside back cover.

1. Employment status of the noninstitutional population, 1929 to date

(Numbers in thousands)

Year	Total noninstitutional population	Total labor force		Civilian labor force						Not in labor force
					Employed			Unemployed		
		Number	Percent of population	Total	Total	Agriculture	Nonagricultural industries	Number	Percent of labor force	
	Persons 14 years of age and over									
1929	(1)	49,440	(1)	49,180	47,630	10,450	37,180	1,550	3.2	(1)
1930	(1)	50,080	(1)	49,820	45,480	10,340	35,140	4,340	8.7	(1)
1931	(1)	50,680	(1)	50,420	42,400	10,290	32,110	8,020	15.9	(1)
1932	(1)	51,250	(1)	51,000	38,940	10,170	28,770	12,060	23.6	(1)
1933	(1)	51,840	(1)	51,590	38,760	10,090	28,670	12,830	24.9	(1)
1934	(1)	52,490	(1)	52,230	40,890	9,900	30,990	11,340	21.7	(1)
1935	(1)	53,140	(1)	52,870	42,260	10,110	32,150	10,610	20.1	(1)
1936	(1)	53,740	(1)	53,440	44,410	10,000	34,410	9,030	16.9	(1)
1937	(1)	54,320	(1)	54,000	46,300	9,820	36,480	7,700	14.3	(1)
1938	(1)	54,950	(1)	54,610	44,220	9,690	34,530	10,390	19.0	(1)
1939	(1)	55,600	(1)	55,230	45,750	9,610	36,140	9,480	17.2	(1)
1940	100,380	56,180	56.0	55,640	47,520	9,540	37,980	8,120	14.6	44,200
1941	101,520	57,530	56.7	55,910	50,350	9,100	41,250	5,560	9.9	43,990
1942	102,610	60,380	58.8	56,410	53,750	9,250	44,500	2,660	4.7	42,230
1943	103,660	64,560	62.3	55,540	54,470	9,080	45,390	1,070	1.9	39,100
1944	104,630	66,040	63.1	54,630	53,960	8,950	45,010	670	1.2	38,590
1945	105,530	65,300	61.9	53,960	52,820	8,580	44,240	1,040	1.9	40,230
1946	106,520	60,970	57.2	57,520	55,250	8,320	46,930	2,270	3.9	45,550
1947	107,608	61,758	57.4	60,168	57,812	8,256	49,557	2,356	3.9	45,850
	Persons 16 years of age and over									
1947	103,418	60,941	58.9	59,350	57,038	7,890	49,148	2,311	3.9	42,477
1948	104,527	62,080	59.4	60,621	58,343	7,629	50,714	2,276	3.8	42,447
1949	105,611	62,903	59.6	61,286	57,651	7,658	49,993	3,637	5.9	42,708
1950	106,645	63,858	59.9	62,208	58,918	7,160	51,758	3,288	5.3	42,787
1951	107,721	65,117	60.4	62,017	59,961	6,726	53,235	2,055	3.3	42,604
1952	108,823	65,730	60.4	62,138	60,250	6,500	53,749	1,883	3.0	43,093
1953[2]	110,001	66,560	60.2	63,015	61,179	6,260	54,919	1,834	2.9	44,041
1954	111,671	66,993	60.0	63,643	60,109	6,205	53,904	3,532	5.5	44,678
1955	112,732	68,072	60.4	65,023	62,170	6,450	55,722	2,852	4.4	44,660
1956	113,811	69,409	61.0	66,552	63,799	6,283	57,514	2,750	4.1	44,402
1957	115,065	69,729	60.6	66,929	64,071	5,947	58,123	2,859	4.3	45,336
1958	116,363	70,275	60.4	67,639	63,036	5,586	57,450	4,602	6.8	46,088
1959	117,881	70,921	60.2	68,369	64,630	5,565	59,065	3,740	5.5	46,960
1960[3]	119,759	72,142	60.2	69,628	65,778	5,458	60,318	3,852	5.5	47,617
1961	121,343	73,031	60.2	70,459	65,746	5,200	60,546	4,714	6.7	48,312
1962[2]	122,981	73,442	59.7	70,614	66,702	4,944	61,759	3,911	5.5	49,539
1963	125,154	74,571	59.6	71,833	67,762	4,687	63,076	4,070	5.7	50,583
1964	127,224	75,830	59.6	73,091	69,305	4,523	64,782	3,786	5.2	51,394
1965	129,236	77,178	59.7	74,455	71,088	4,361	66,726	3,369	4.5	52,058
1966	131,180	78,893	60.1	75,770	72,895	3,979	68,915	2,875	3.8	52,288
1967	133,319	80,793	60.6	77,347	74,372	3,844	70,527	2,975	3.8	52,527
1968	135,562	82,272	60.7	78,737	75,920	3,817	72,103	2,817	3.6	53,291
1969	137,841	84,240	61.1	80,734	77,902	3,606	74,296	2,832	3.5	53,602
1970	140,182	85,903	61.3	82,715	78,627	3,464	75,165	4,088	4.9	54,280
1971	142,596	86,929	61.0	84,113	79,120	3,387	75,732	4,993	5.9	55,666
1972[3]	145,775	88,991	61.0	86,542	81,702	3,474	78,230	4,840	5.6	56,785
1973[3]	148,263	91,040	61.4	88,714	84,409	3,452	80,957	4,304	4.9	57,222
1974	150,827	93,240	61.8	91,011	85,935	3,492	82,443	5,076	5.6	57,587
1975	153,449	94,793	61.8	92,613	84,783	3,380	81,403	7,830	8.5	58,655
1976	**156,048**	**96,917**	**62.1**	**94,773**	**87,485**	**3,297**	**84,188**	**7,288**	**7.7**	**59,130**
1977	**158,559**	**99,534**	**62.8**	**97,401**	**90,545**	**3,244**	**87,302**	**6,855**	**7.0**	**59,025**
1978[3]	**161,058**	**102,537**	**63.7**	**100,420**	**94,373**	**3,342**	**91,031**	**6,047**	**6.0**	**58,521**
1979	**163,620**	**104,996**	**64.2**	**102,908**	**96,945**	**3,297**	**93,648**	**5,963**	**5.8**	**58,623**
1980	**166,246**	**106,821**	**64.3**	**104,719**	**97,270**	**3,310**	**93,960**	**7,448**	**7.1**	**59,425**
1981	**168,578**	**108,535**	**64.4**	**106,393**	**98,313**	**3,312**	**95,001**	**8,080**	**7.6**	**60,043**

[1] Not available.
[2] Not strictly comparable with data for prior years. For an explanation, see "Historic Comparability" under Household Data section of Explanatory Notes.

HOUSEHOLD DATA
HISTORICAL

2. Employment status of the noninstitutional population 16 years and over by sex, 1947 to date

[Numbers in thousands]

Year	Total noninstitutional population	Total labor force		Civilian labor force						Not in labor force
		Number	Percent of population	Total	Employed			Unemployed		
					Total	Agriculture	Nonagricultural industries	Number	Percent of labor force	
	Males									
1947	50,968	44,258	86.8	42,686	40,995	6,643	34,352	1,692	4.0	6,710
1948	51,439	44,729	87.0	43,256	41,725	6,358	35,367	1,559	3.6	6,710
1949	51,922	45,097	86.9	43,498	40,925	6,343	34,583	2,572	5.9	6,825
1950	52,352	45,446	86.8	43,819	41,578	6,002	35,576	2,239	5.1	6,906
1951	52,788	46,063	87.3	43,001	41,780	5,534	36,246	1,221	2.8	6,725
1952	53,248	46,416	87.2	42,969	41,682	5,390	36,293	1,285	2.8	6,832
1953[1]	54,248	47,131	86.9	43,633	42,430	5,253	37,177	1,202	2.[illegible]	7,117
1954	54,706	47,275	86.4	43,965	41,619	5,200	36,418	2,344	[illegible]	7,431
1955	55,122	47,488	86.2	44,475	42,621	5,265	37,356	1,854	4.2	7,634
1956	55,547	47,914	86.3	45,091	43,379	5,040	38,339	1,711	3.8	7,633
1957	56,082	47,964	85.5	45,197	43,357	4,824	38,532	1,841	4.1	8,118
1958	56,640	48,126	85.0	45,521	42,423	4,596	37,827	3,098	6.8	8,514
1959	57,312	48,405	84.5	45,886	43,466	4,532	38,934	2,420	5.2	8,907
1960[1]	58,144	48,870	84.0	46,388	43,904	4,472	39,431	2,486	5.4	9,274
1961	58,826	49,193	83.6	46,653	43,656	4,298	39,359	2,997	6.4	9,633
1962[1]	59,626	49,395	82.8	46,600	44,177	4,069	40,108	2,423	5.2	10,231
1963	60,627	49,835	82.2	47,129	44,657	3,809	40,849	2,472	5.2	10,792
1964	61,556	50,387	81.9	47,679	45,474	3,691	41,782	2,205	4.6	11,169
1965	62,473	50,946	81.5	48,255	46,340	3,547	42,792	1,914	4.0	11,527
1966	63,351	51,560	81.4	48,471	46,919	3,243	43,675	1,551	3.2	11,792
1967	64,316	52,398	81.5	48,987	47,479	3,164	44,315	1,508	3.1	11,919
1968	65,345	53,030	81.2	49,533	48,114	3,157	44,957	1,419	2.9	12,315
1969	66,365	53,688	80.9	50,221	48,818	2,963	45,855	1,403	2.8	12,677
1970	67,409	54,343	80.6	51,195	48,960	2,861	46,099	2,235	4.4	13,066
1971	68,512	54,797	80.0	52,021	49,245	2,790	46,455	2,776	5.3	13,715
1972[1]	69,864	55,671	79.7	53,261	50,630	2,839	47,791	2,635	4.9	14,193
1973[1]	71,020	56,479	79.5	54,203	51,963	2,833	49,130	2,240	4.1	14,541
1974	72,253	57,349	79.4	55,186	52,518	2,900	49,618	2,668	4.8	14,904
1975	73,494	57,706	78.5	55,615	51,230	2,801	48,429	4,385	7.9	15,788
1976	**74,739**	**58,397**	**78.1**	**56,359**	**52,391**	**2,716**	**49,675**	**3,968**	**7.0**	**16,341**
1977	**75,981**	**59,467**	**78.3**	**57,449**	**53,861**	**2,639**	**51,222**	**3,588**	**6.2**	**16,514**
1978[1]	**77,169**	**60,535**	**78.4**	**58,542**	**55,491**	**2,681**	**52,810**	**3,051**	**5.2**	**16,634**
1979	**78,397**	**61,466**	**78.4**	**59,517**	**56,499**	**2,645**	**53,854**	**3,018**	**5.1**	**16,931**
1980	**79,642**	**62,088**	**78.0**	**60,145**	**55,988**	**2,664**	**53,324**	**4,157**	**6.9**	**17,554**
1981	**80,734**	**62,597**	**77.5**	**60,433**	**56,168**	**2,654**	**53,514**	**4,465**	**7.4**	**18,136**
	Females									
1947	52,450	16,683	31.8	16,664	16,045	1,248	14,797	619	3.7	35,767
1948	53,088	17,351	32.7	17,335	16,617	1,271	15,346	717	4.1	35,737
1949	53,689	17,806	33.2	17,788	16,723	1,315	15,409	1,065	6.0	35,883
1950	54,293	18,412	33.9	18,389	17,340	1,159	16,181	1,049	5.7	35,881
1951	54,933	19,054	34.7	19,036	18,181	1,193	16,988	834	4.4	35,879
1952	55,575	19,314	34.8	19,269	18,568	1,111	17,458	698	3.6	36,261
1953[1]	56,353	19,429	34.5	19,382	18,749	1,006	17,743	632	3.3	36,924
1954	56,965	19,718	34.6	19,678	18,490	1,006	17,486	1,188	6.0	37,247
1955	57,610	20,584	35.7	20,548	19,551	1,184	18,366	998	4.9	37,026
1956	58,264	21,495	36.9	21,461	20,419	1,244	19,175	1,039	4.8	36,769
1957	58,983	21,765	36.9	21,732	20,714	1,121	19,591	1,018	4.7	37,218
1958	59,723	22,149	37.1	22,118	20,613	990	19,623	1,504	6.8	37,574
1959	60,569	22,516	37.2	22,483	21,184	1,033	20,131	1,320	5.9	38,053
1960[1]	61,615	23,272	37.8	23,240	21,874	986	20,887	1,366	5.9	38,343
1961	62,517	23,838	38.1	23,806	22,090	902	21,187	1,717	7.2	38,679
1962[1]	63,355	24,047	38.0	24,014	22,525	875	21,651	1,488	6.2	39,308
1963	64,527	24,736	38.3	24,704	23,105	878	22,227	1,598	6.5	39,791
1964	65,668	25,443	38.7	25,412	23,831	832	23,000	1,581	6.2	40,225
1965	66,763	26,232	39.3	26,200	24,748	814	23,934	1,452	5.5	40,531
1966	67,829	27,333	40.3	27,299	25,976	736	25,240	1,324	4.8	40,496
1967	69,003	28,395	41.2	28,360	26,893	680	26,212	1,468	5.2	40,608
1968	70,217	29,242	41.6	29,204	27,807	660	27,147	1,397	4.8	40,975
1969	71,476	30,551	42.7	30,513	29,084	643	28,441	1,429	4.7	40,925
1970	72,774	31,560	43.4	31,520	29,667	601	29,066	1,853	5.9	41,213
1971	74,084	32,133	43.4	32,091	29,875	598	29,277	2,217	6.9	41,951
1972[1]	75,911	33,320	43.9	33,277	31,072	633	30,439	2,205	6.6	42,591
1973[1]	77,242	34,561	44.7	34,510	32,446	619	31,827	2,064	6.0	42,681
1974	78,575	35,892	45.7	35,825	33,417	592	32,825	2,408	6.7	42,683
1975	79,954	37,087	46.4	36,998	33,553	579	32,973	3,445	9.3	42,867
1976	**81,309**	**38,520**	**47.4**	**38,414**	**35,095**	**582**	**34,513**	**3,320**	**8.6**	**42,789**
1977	**82,577**	**40,067**	**48.5**	**39,952**	**36,685**	**605**	**36,080**	**3,267**	**8.2**	**42,510**
1978[1]	**83,890**	**42,002**	**50.1**	**41,878**	**38,882**	**661**	**38,221**	**2,996**	**7.2**	**41,888**
1979	**85,223**	**43,531**	**51.1**	**43,391**	**40,446**	**652**	**39,794**	**2,945**	**6.8**	**41,692**
1980	**86,604**	**44,733**	**51.7**	**44,574**	**41,283**	**646**	**40,637**	**3,291**	**7.4**	**41,871**
1981	**87,844**	**45,937**	**52.3**	**45,760**	**42,145**	**657**	**41,487**	**3,615**	**7.9**	**41,907**

[1] Not strictly comparable with data for prior years. For an explanation see "Historic Comparability" under Household Data section of Explanatory Notes.

3. Employment status of the noninstitutional population by sex, age, and race

(Numbers in thousands)

Sex, age, and race	1981										
	Total labor force		Civilian labor force				Not in labor force				
					Unemployed						
	Number	Percent of population	Total	Employed	Number	Percent of labor force	Total	Keeping house	Going to school	Unable to work	Other reasons
MALES											
16 years and over	62,597	77.5	60,633	56,168	4,465	7.4	18,136	355	3,758	1,594	12,428
16 to 21 years	8,520	68.1	7,871	6,454	1,417	18.0	3,992	22	3,020	31	919
16 to 19 years	4,967	60.6	4,688	3,744	944	20.1	3,232	17	2,492	16	708
16 to 17 years	1,922	48.1	1,905	1,484	421	22.1	2,075	10	1,643	6	415
18 to 19 years	3,045	72.5	2,783	2,260	523	18.8	1,157	7	849	9	292
20 to 64 years	55,780	89.2	54,095	50,629	3,466	6.4	6,727	173	1,265	1,135	4,154
20 to 24 years	9,066	86.6	8,320	7,220	1,100	13.2	1,397	13	908	45	431
25 to 54 years	39,623	94.3	38,686	36,578	2,108	5.4	2,407	96	349	601	1,362
25 to 29 years	8,958	94.3	8,589	7,899	689	8.0	539	14	210	56	258
30 to 34 years	8,493	95.9	8,231	7,751	480	5.8	359	19	76	71	192
35 to 39 years	6,721	96.0	6,538	6,233	307	4.7	279	17	24	79	159
40 to 44 years	5,499	94.9	5,412	5,175	238	4.4	298	12	17	93	176
45 to 49 years	4,976	93.4	4,947	4,739	208	4.2	353	13	15	113	211
50 to 54 years	4,977	89.6	4,969	4,783	186	3.7	579	20	7	187	366
55 to 64 years	7,091	70.8	7,090	6,832	258	3.6	2,923	65	8	489	2,361
55 to 59 years	4,365	81.3	4,364	4,205	159	3.6	1,003	34	5	243	721
60 to 64 years	2,726	58.7	2,725	2,627	98	3.6	1,920	31	3	246	1,640
65 years and over	1,850	18.5	1,850	1,795	55	3.0	8,177	165	1	444	7,567
65 to 69 years	1,073	27.8	1,073	1,038	34	3.2	2,781	42	1	144	2,594
70 years and over	777	12.6	777	757	20	2.6	5,396	122	--	299	4,974
White											
16 years and over	55,542	78.4	54,027	50,504	3,523	6.5	15,284	275	2,952	1,261	10,796
16 to 21 years	7,455	70.6	6,963	5,857	1,106	15.9	3,106	13	2,385	23	685
16 to 19 years	4,390	63.7	4,174	3,426	747	17.9	2,502	11	1,948	12	531
16 to 17 years	1,724	51.7	1,710	1,369	341	20.0	1,614	7	1,280	5	322
18 to 19 years	2,665	75.3	2,463	2,057	406	16.5	888	4	668	7	210
20 to 64 years	48,472	90.1	48,174	45,439	2,735	5.7	5,447	128	1,003	887	3,429
20 to 24 years	7,856	87.8	7,304	6,457	847	11.6	1,096	8	751	32	304
25 to 54 years	35,152	95.1	34,486	32,738	1,669	4.9	1,793	71	247	468	1,027
25 to 34 years	15,370	96.0	14,881	13,963	918	6.2	643	25	207	89	321
35 to 44 years	10,885	96.2	10,661	10,228	433	4.1	428	19	26	133	250
45 to 54 years	8,896	92.5	8,865	8,546	318	3.6	723	26	15	225	457
55 to 64 years	6,965	71.6	6,963	6,744	219	3.9	2,558	49	5	487	2,097
55 to 59 years	3,976	82.9	3,975	3,843	135	3.4	852	24	3	203	621
60 to 64 years	2,989	59.3	2,989	2,904	84	3.4	1,707	25	2	284	1,475
65 years and over	1,683	18.6	1,680	1,639	41	2.4	7,335	136	1	362	6,836
Black and other											
16 years and over	7,056	71.2	6,606	5,664	942	14.3	2,852	81	806	333	1,633
16 to 21 years	1,065	54.6	908	599	310	34.2	886	9	636	8	234
16 to 19 years	577	44.2	515	318	197	38.3	730	6	544	3	176
16 to 17 years	197	30.0	195	115	80	40.9	461	3	363	1	94
18 to 19 years	380	58.5	320	202	117	36.7	269	3	181	2	83
20 to 64 years	6,309	83.1	5,921	5,193	731	12.3	1,280	45	262	248	725
20 to 24 years	1,211	80.0	1,016	763	253	24.9	302	5	157	13	127
25 to 54 years	4,471	87.9	4,279	3,840	440	10.3	613	25	102	153	334
25 to 34 years	2,080	89.1	1,938	1,687	251	13.0	255	8	80	38	129
35 to 44 years	1,334	89.9	1,269	1,177	112	8.7	150	10	15	39	85
45 to 54 years	1,056	83.5	1,052	976	76	7.2	209	7	7	75	121
55 to 64 years	627	63.2	626	588	38	6.1	365	16	3	82	264
55 to 59 years	390	72.0	390	365	24	6.2	152	10	2	40	100
60 to 64 years	237	52.6	237	223	14	6.0	213	6	1	42	164
65 years and over	170	16.8	170	156	14	8.1	842	29	--	82	731

HOUSEHOLD DATA
ANNUAL AVERAGES

3. Employment status of the noninstitutional population by sex, age, and race—Continued

[Numbers in thousands]

Sex, age, and race	1981										
	Total labor force		Civilian labor force				Not in labor force				
	Number	Percent of population	Total	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
					Number	Percent of labor force					
FEMALES											
16 years and over	45,937	52.3	45,760	42,145	3,615	7.9	41,907	31,217	3,790	1,051	5,849
16 to 21 years	7,056	57.6	6,987	5,838	1,149	16.4	5,189	1,280	3,087	15	806
16 to 19 years	4,189	52.3	4,160	3,371	789	19.0	3,824	618	2,563	8	635
16 to 17 years	1,648	42.6	1,647	1,306	341	20.7	2,221	175	1,666	4	377
18 to 19 years	2,541	61.3	2,513	2,065	447	17.8	1,603	443	897	5	258
20 to 64 years	40,590	62.0	40,442	37,658	2,784	6.9	24,888	20,898	1,221	478	2,290
20 to 24 years	7,309	69.9	7,224	6,419	805	11.1	3,141	1,977	795	19	350
25 to 54 years	28,637	65.3	28,574	26,773	1,801	6.3	15,199	13,460	412	238	1,090
25 to 29 years	6,556	67.7	6,513	5,961	551	8.5	3,128	2,710	171	25	222
30 to 34 years	5,988	65.9	5,974	5,562	412	6.9	3,103	2,770	104	27	202
35 to 39 years	4,875	66.4	4,871	4,582	289	5.9	2,471	2,205	69	27	171
40 to 44 years	4,149	67.4	4,148	3,922	225	5.4	2,003	1,799	27	31	146
45 to 49 years	3,619	64.2	3,619	3,441	178	4.9	2,016	1,808	24	51	133
50 to 54 years	3,450	58.2	3,450	3,305	145	4.2	2,479	2,168	16	78	217
55 to 64 years	4,644	41.5	4,644	4,465	178	3.8	6,547	5,460	14	221	851
55 to 59 years	2,919	49.4	2,919	2,802	117	4.0	2,994	2,549	11	109	324
60 to 64 years	1,725	32.7	1,725	1,664	61	3.6	3,553	2,912	3	112	527
65 years and over	1,158	8.1	1,158	1,116	42	3.6	13,195	9,701	6	565	2,923
65 to 69 years	714	14.9	714	684	30	4.2	4,084	3,188	2	111	784
70 years and over	444	4.6	444	431	13	2.8	9,111	6,513	4	455	2,139
White											
16 years and over	39,687	52.1	39,559	36,836	2,723	6.9	36,509	27,803	2,916	822	4,967
16 to 21 years	6,217	60.7	6,169	5,306	863	14.0	4,034	1,021	2,392	9	611
16 to 19 years	3,728	55.7	3,707	3,094	614	16.6	2,964	494	1,978	4	487
16 to 17 years	1,486	46.2	1,486	1,212	274	18.4	1,729	139	1,289	2	298
18 to 19 years	2,241	64.5	2,222	1,882	340	15.3	1,235	354	689	3	189
20 to 64 years	34,928	61.8	34,820	32,746	2,074	6.0	21,592	18,402	933	365	1,893
20 to 24 years	6,307	71.7	6,245	5,680	565	9.1	2,492	1,612	611	13	256
25 to 54 years	24,508	65.0	24,461	23,107	1,354	5.5	13,205	11,816	310	182	894
25 to 34 years	10,631	66.5	10,589	9,892	697	6.6	5,360	4,783	200	42	335
35 to 44 years	7,734	66.4	7,730	7,333	397	5.1	3,914	3,529	78	45	263
45 to 54 years	6,144	61.0	6,143	5,882	261	4.2	3,931	3,504	33	96	297
55 to 64 years	4,114	41.1	4,114	3,959	154	3.8	5,897	4,974	11	169	742
55 to 59 years	2,594	49.2	2,594	2,492	102	3.9	2,679	2,306	9	81	285
60 to 64 years	1,520	32.1	1,520	1,467	53	3.5	3,217	2,668	3	88	458
65 years and over	1,031	7.9	1,031	996	35	3.4	11,953	8,907	5	453	2,587
Black and other											
16 years and over	6,250	53.7	6,201	5,309	892	14.4	5,398	3,414	874	229	881
16 to 21 years	838	42.1	818	532	286	35.0	1,155	259	695	6	195
16 to 19 years	461	34.9	453	278	175	38.6	861	124	585	4	148
16 to 17 years	162	24.7	161	94	67	41.8	492	35	377	2	79
18 to 19 years	299	44.8	291	184	107	36.9	368	89	208	2	70
20 to 64 years	5,662	63.2	5,621	4,911	710	12.6	3,294	2,497	288	112	398
20 to 24 years	1,003	60.7	978	739	239	24.5	649	366	184	6	94
25 to 54 years	4,129	67.4	4,112	3,667	446	10.8	1,996	1,645	101	55	194
25 to 34 years	1,913	68.7	1,898	1,632	266	14.0	871	697	75	9	89
35 to 44 years	1,290	69.7	1,289	1,171	118	9.1	561	476	18	13	54
45 to 54 years	926	62.1	926	864	62	6.7	564	472	7	33	52
55 to 64 years	530	44.9	530	506	24	4.5	651	486	3	52	109
55 to 59 years	325	50.8	325	309	15	4.7	314	243	3	29	40
60 to 64 years	205	37.9	205	197	9	4.2	336	243	1	23	69
65 years and over	127	9.3	127	120	7	5.8	1,243	793	1	113	335

4. Labor force by sex, age, and race

Sex, age, and race	Total labor force				Civilian labor force			
	Thousands of persons		Participation rates		Thousands of persons		Participation rates	
	1980	1981	1980	1981	1980	1981	1980	1981
MALES								
16 years and over	62,088	62,597	78.0	77.5	60,145	60,633	77.4	77.0
16 to 19 years	5,191	4,967	62.0	60.6	4,912	4,688	60.7	59.2
16 to 17 years	2,069	1,922	50.4	48.1	2,051	1,905	50.1	47.9
18 to 19 years	3,121	3,045	73.2	72.5	2,861	2,783	71.5	70.6
20 to 24 years	9,022	9,066	87.0	86.6	8,287	8,320	86.0	85.6
25 to 54 years	38,833	39,623	94.4	94.3	37,905	38,686	94.2	94.1
25 to 34 years	16,943	17,451	95.4	95.1	16,327	16,819	95.3	94.9
35 to 44 years	11,901	12,220	95.6	95.5	11,626	11,950	95.5	95.4
45 to 54 years	9,989	9,952	91.2	91.4	9,952	9,916	91.2	91.4
55 to 64 years	7,165	7,091	72.3	70.8	7,164	7,090	72.3	70.8
55 to 59 years	4,398	4,365	81.9	81.3	4,397	4,364	81.9	81.3
60 to 64 years	2,767	2,726	61.0	58.7	2,767	2,725	61.0	58.7
65 years and over	1,877	1,850	19.1	18.5	1,877	1,850	19.1	18.5
White								
16 years and over	55,133	55,542	78.8	78.4	53,627	54,027	78.3	77.9
16 to 19 years	4,586	4,390	64.9	63.7	4,375	4,174	63.8	62.5
16 to 17 years	1,856	1,724	53.8	51.7	1,841	1,710	53.6	51.4
18 to 19 years	2,730	2,665	75.5	75.0	2,534	2,463	74.1	73.5
20 to 24 years	7,815	7,856	87.9	87.8	7,267	7,304	87.1	87.0
25 to 54 years	34,473	35,152	95.1	95.1	33,727	34,406	95.0	95.0
25 to 34 years	14,930	15,370	96.0	96.0	14,445	14,881	95.9	95.9
35 to 44 years	10,606	10,885	96.3	96.2	10,377	10,661	96.2	96.1
45 to 54 years	8,937	8,896	92.2	92.5	8,905	8,865	92.2	92.5
55 to 64 years	6,554	6,465	73.3	71.6	6,553	6,463	73.3	71.6
55 to 59 years	4,018	3,976	83.0	82.4	4,017	3,975	83.0	82.4
60 to 64 years	2,536	2,489	61.8	59.3	2,536	2,489	61.8	59.3
65 years and over	1,704	1,680	19.3	18.6	1,704	1,680	19.3	18.6
Black and other								
16 years and over	6,955	7,056	72.1	71.2	6,518	6,606	70.8	69.8
16 to 19 years	605	577	46.3	44.2	536	515	43.3	41.3
16 to 17 years	213	197	32.2	30.0	210	195	31.9	29.7
18 to 19 years	392	380	60.7	58.5	327	320	56.3	54.3
20 to 24 years	1,207	1,211	81.6	80.0	1,020	1,016	78.9	77.1
25 to 54 years	4,360	4,471	88.9	87.9	4,178	4,279	88.5	87.5
25 to 34 years	2,013	2,080	91.0	89.1	1,881	1,938	90.4	88.4
35 to 44 years	1,295	1,334	90.0	89.9	1,249	1,289	89.7	89.6
45 to 54 years	1,052	1,056	83.9	83.5	1,047	1,052	83.9	83.4
55 to 64 years	611	627	63.5	63.2	611	626	63.5	63.2
55 to 59 years	380	390	71.4	72.0	380	390	71.4	72.0
60 to 64 years	231	237	53.6	52.6	231	237	53.6	52.6
65 years and over	173	170	17.5	16.8	173	170	17.5	16.8

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4. Labor force by sex, age, and race—Continued

Sex, age, and race	Total labor force				Civilian labor force			
	Thousands of persons		Participation rates		Thousands of persons		Participation rates	
	1980	1981	1980	1981	1980	1981	1980	1981
FEMALES								
16 years and over	44,733	45,937	51.7	52.3	44,574	45,760	51.6	52.2
16 to 19 years	4,358	4,189	53.3	52.3	4,331	4,160	53.1	52.1
16 to 17 years	1,740	1,648	43.8	42.6	1,739	1,647	43.8	42.6
18 to 19 years	2,618	2,541	62.3	61.3	2,592	2,513	62.1	61.1
20 to 24 years	7,170	7,309	69.2	69.9	7,093	7,224	69.0	69.7
25 to 54 years	27,468	28,637	64.0	65.3	27,415	28,574	63.9	65.3
25 to 34 years	11,890	12,544	65.5	66.8	11,842	12,487	65.4	66.7
35 to 44 years	8,605	9,024	65.5	66.9	8,601	9,019	65.5	66.8
45 to 54 years	6,973	7,070	59.9	61.1	6,972	7,069	59.9	61.1
55 to 64 years	4,591	4,644	41.5	41.5	4,591	4,644	41.5	41.5
55 to 59 years	2,871	2,919	48.6	49.4	2,870	2,919	48.6	49.4
60 to 64 years	1,721	1,725	33.3	32.7	1,721	1,725	33.3	32.7
65 years and over	1,144	1,158	8.1	8.1	1,144	1,158	8.1	8.1
White								
16 years and over	38,662	39,687	51.4	52.1	38,544	39,559	51.3	52.0
16 to 19 years	3,878	3,728	56.6	55.7	3,858	3,707	56.4	55.6
16 to 17 years	1,569	1,486	47.3	46.2	1,568	1,486	47.3	46.2
18 to 19 years	2,309	2,241	65.3	64.5	2,290	2,222	65.1	64.3
20 to 24 years	6,191	6,307	70.8	71.7	6,134	6,245	70.6	71.5
25 to 54 years	23,503	24,508	63.5	65.0	23,462	24,461	63.4	64.9
25 to 34 years	10,053	10,631	64.8	66.5	10,017	10,589	64.7	66.4
35 to 44 years	7,385	7,734	65.1	66.4	7,381	7,730	65.0	66.4
45 to 54 years	6,066	6,144	59.6	61.0	6,065	6,143	59.6	61.0
55 to 64 years	4,076	4,114	41.0	41.1	4,076	4,114	41.0	41.1
55 to 59 years	2,543	2,594	48.1	49.2	2,543	2,594	48.1	49.2
60 to 64 years	1,533	1,520	33.0	32.1	1,533	1,520	33.0	32.1
65 years and over	1,014	1,031	8.0	7.9	1,014	1,031	8.0	7.9
Black and other								
16 years and over	6,071	6,250	53.6	53.7	6,029	6,201	53.4	53.5
16 to 19 years	480	461	36.3	34.9	473	453	35.9	34.5
16 to 17 years	171	162	26.1	24.7	171	161	26.0	24.7
18 to 19 years	309	299	46.4	44.8	302	291	45.8	44.1
20 to 24 years	979	1,003	60.5	60.7	959	978	60.0	60.1
25 to 54 years	3,965	4,129	67.1	67.4	3,952	4,112	67.1	67.3
25 to 34 years	1,837	1,913	68.5	68.7	1,825	1,898	69.3	68.6
35 to 44 years	1,220	1,290	68.2	69.7	1,220	1,289	68.1	69.7
45 to 54 years	908	926	61.7	62.1	908	926	61.7	62.1
55 to 64 years	515	530	45.0	44.9	515	530	45.0	44.9
55 to 59 years	328	325	52.5	50.8	328	325	52.5	50.8
60 to 64 years	187	205	36.0	37.9	187	205	36.0	37.9
65 years and over	130	127	9.8	9.3	130	127	9.8	9.3

5. Employment status of black workers by sex and age

(Numbers in thousands)

Sex and age	1981						
	Civilian labor force						Not in labor force
	Total	Employed			Unemployed		
		Total	Agriculture	Nonagricultural industries	Number	Percent of labor force	
TOTAL							
16 years and over	10,813	9,134	177	8,957	1,676	15.5	6,998
16 to 19 years	834	487	16	472	346	41.5	1,393
16 to 17 years	333	167	6	161	136	44.9	942
18 to 19 years	530	320	10	312	210	39.6	552
20 to 24 years	1,724	1,266	18	1,248	457	26.5	775
25 to 54 years	6,998	6,198	99	6,099	799	11.4	2,137
25 to 34 years	3,189	2,720	29	2,691	469	14.7	884
35 to 44 years	2,158	1,951	36	1,914	208	9.6	596
45 to 54 years	1,651	1,528	34	1,494	123	7.5	657
55 to 64 years	1,030	945	25	920	55	5.5	887
55 to 59 years	609	574	14	560	35	5.7	402
60 to 64 years	392	371	11	360	20	5.1	485
65 years and over	254	237	19	217	18	7.0	1,805
Males							
16 years and over	5,559	4,697	156	4,541	862	15.5	2,419
16 to 19 years	445	262	13	250	181	40.7	833
16 to 17 years	166	94	5	89	72	43.4	405
18 to 19 years	278	169	8	160	109	39.2	429
20 to 24 years	877	643	16	627	232	26.5	231
25 to 54 years	3,565	3,162	87	3,075	402	11.3	515
25 to 34 years	1,601	1,369	26	1,341	232	14.5	203
35 to 44 years	1,083	982	30	951	102	9.4	130
45 to 54 years	882	812	31	782	69	7.8	186
55 to 64 years	535	501	23	478	33	6.2	325
55 to 59 years	328	307	13	294	21	6.4	136
60 to 64 years	207	194	10	184	12	5.8	189
65 years and over	137	127	17	109	11	8.0	712
Females							
16 years and over	5,251	4,437	21	4,416	814	15.5	4,579
16 to 19 years	389	225	3	222	165	42.3	760
16 to 17 years	167	73	1	72	94	56.6	537
18 to 19 years	252	151	2	150	101	40.0	223
20 to 24 years	847	623	2	621	225	26.5	544
25 to 54 years	3,433	3,036	12	3,024	397	11.6	1,622
25 to 34 years	1,588	1,351	3	1,348	237	14.9	684
35 to 44 years	1,075	969	6	963	106	9.9	466
45 to 54 years	769	716	3	712	54	7.0	471
55 to 64 years	465	444	2	442	22	4.7	562
55 to 59 years	291	267	1	266	14	4.9	266
60 to 64 years	185	177	1	176	8	4.3	296
65 years and over	117	110	2	109	7	6.0	1,093

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6 Employment status of the noninstitutional population by race, sex, and age

Numbers in thousands

Employment status and race	Total		Males, 20 years and over		Females, 20 years and over		Both sexes, 16-19 years	
	1980	1981	1980	1981	1980	1981	1980	1981
TOTAL								
Total noninstitutional population	166,246	168,578	71,271	72,534	78,426	79,831	16,549	16,213
Total labor force	106,821	109,535	56,898	57,630	40,374	41,748	9,549	9,156
Percent of population	64.3	64.4	79.8	79.5	51.5	52.3	57.7	56.5
Civilian labor force	104,719	106,393	55,234	55,945	40,243	41,600	9,242	8,848
Employed	97,270	98,313	51,972	52,424	37,698	38,774	7,603	7,115
Agriculture	3,310	3,312	2,355	2,342	575	595	380	375
Nonagricultural industries	93,960	95,001	49,617	50,082	37,120	38,179	7,223	6,740
Unemployed	7,448	8,080	3,261	3,521	2,547	2,826	1,640	1,733
Percent of labor force	7.1	7.6	5.9	6.3	6.3	6.8	17.7	19.6
Not in labor force	59,425	60,043	14,373	14,904	38,052	38,083	7,000	7,057
White								
Total noninstitutional population	145,281	147,022	62,936	63,934	68,425	69,505	13,920	13,583
Total labor force	93,795	95,229	50,547	51,152	34,784	35,959	8,464	8,117
Percent of population	64.6	64.8	80.3	80.0	50.8	51.7	60.8	59.8
Civilian labor force	92,171	93,586	49,252	49,854	34,686	35,851	8,233	7,881
Employed	86,380	87,340	46,671	47,078	32,755	33,742	6,955	6,520
Agriculture	3,052	3,073	2,154	2,156	540	562	358	356
Nonagricultural industries	83,329	84,267	44,517	44,922	32,215	33,180	6,597	6,164
Unemployed	5,790	6,246	2,581	2,776	1,931	2,109	1,278	1,361
Percent of labor force	6.3	6.7	5.2	5.6	5.6	5.9	15.5	17.3
Not in labor force	51,486	51,793	12,389	12,782	33,641	33,545	5,456	5,466
Black and other								
Total noninstitutional population	20,964	21,556	8,335	8,600	10,001	10,326	2,629	2,630
Total labor force	13,026	13,306	6,351	6,478	5,590	5,789	1,085	1,039
Percent of population	62.1	61.7	76.2	75.3	55.9	56.1	41.3	39.5
Civilian labor force	12,548	12,807	5,982	6,091	5,557	5,748	1,009	967
Employed	10,890	10,973	5,301	5,346	4,941	5,031	648	595
Agriculture	258	239	201	187	36	33	22	19
Nonagricultural industries	10,632	10,735	5,101	5,160	4,905	4,998	626	576
Unemployed	1,658	1,833	681	745	616	717	361	372
Percent of labor force	13.2	14.3	11.4	12.2	11.1	12.5	35.8	38.4
Not in labor force	7,939	8,250	1,984	2,122	4,411	4,537	1,544	1,591

7. Employment status of the noninstitutional population 16 to 21 years of age by major activity, sex, and race

(Numbers in thousands)

Employment status and major activity	1981								
	Total			White			Black and other		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
TOTAL									
Total noninstitutional population	24,757	12,513	12,244	20,812	10,561	10,251	3,945	1,952	1,993
Total labor force	15,576	8,520	7,056	13,672	7,455	6,217	1,904	1,065	838
Percent of population	62.9	68.1	57.6	65.7	70.6	60.7	48.3	54.6	42.1
Civilian labor force	14,858	7,871	6,987	13,132	6,963	6,169	1,726	908	818
Employed	12,293	6,454	5,838	11,163	5,857	5,306	1,129	598	532
Agriculture	551	459	93	523	434	89	29	25	4
Nonagricultural industries	11,741	5,996	5,746	10,641	5,423	5,217	1,101	572	528
Unemployed	2,566	1,417	1,149	1,969	1,106	863	597	310	286
Looking for full-time work	1,696	969	726	1,264	740	525	431	230	202
Looking for part-time work	870	447	423	705	366	338	165	81	84
Percent of labor force	17.3	18.0	16.4	15.0	15.9	14.0	34.6	34.2	35.0
Not in labor force	9,181	3,992	5,189	7,140	3,106	4,034	2,041	886	1,155
Major activity: going to school									
Civilian labor force	3,404	1,760	1,644	3,055	1,580	1,475	348	180	168
Employed	2,681	1,363	1,318	2,489	1,262	1,222	197	102	96
Agriculture	117	97	20	114	95	19	3	3	--
Nonagricultural industries	2,564	1,266	1,298	2,370	1,167	1,203	194	99	95
Unemployed	722	396	326	571	318	253	151	78	72
Looking for full-time work	114	63	51	78	44	33	36	19	18
Looking for part-time work	608	333	275	494	274	220	115	60	55
Percent of labor force	21.2	22.5	19.8	18.7	20.1	17.2	43.3	43.5	43.1
Not in labor force	6,108	3,020	3,087	4,777	2,385	2,392	1,331	636	695
Major activity: other									
Civilian labor force	11,455	6,111	5,343	10,077	5,383	4,693	1,378	728	650
Employed	9,611	5,091	4,520	8,679	4,595	4,084	932	496	436
Agriculture	434	361	73	409	339	70	25	22	3
Nonagricultural industries	9,177	4,730	4,447	8,270	4,256	4,014	907	474	433
Unemployed	1,843	1,020	823	1,398	788	609	446	232	214
Looking for full-time work	1,582	906	676	1,187	695	491	395	211	184
Looking for part-time work	261	114	148	211	93	118	50	21	29
Percent of labor force	16.1	16.7	15.4	13.9	14.6	13.0	32.4	31.9	32.9
Not in labor force	3,073	972	2,102	2,363	721	1,641	711	251	460

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8 Full- and part-time status of the civilian labor force by sex, age, and race

(Numbers in thousands)

Sex, age, and race	1981								
	Full-time labor force					Part-time labor force			
	Total	Employed		Unemployed (looking for full-time work)		Total	Employed on voluntary part time[1]	Unemployed (looking for part-time work)	
		Full-time schedules[1]	Part time for economic reasons	Number	Percent of full-time labor force			Number	Percent of part-time labor force
TOTAL									
Both sexes, 16 years and over	90,922	79,634	4,658	6,631	7.3	15,470	14,022	1,449	9.4
16 to 21 years	9,572	6,674	1,202	1,696	17.7	5,286	4,416	870	16.5
16 to 19 years	4,665	2,910	765	990	21.2	4,184	3,441	743	17.8
16 to 17 years	1,061	524	266	271	25.5	2,491	1,999	492	19.7
18 to 19 years	3,603	2,385	498	720	20.0	1,693	1,442	251	14.8
20 years and over	86,258	76,724	3,893	5,641	6.5	11,287	10,581	706	6.3
20 to 24 years	13,022	10,795	944	1,662	12.5	2,122	1,899	223	10.5
25 years and over	72,837	65,929	2,948	3,958	5.4	9,165	8,681	484	5.3
25 to 54 years	60,987	55,028	2,409	3,549	5.8	6,274	5,914	360	5.7
55 years and over	11,850	10,901	540	409	3.5	2,891	2,768	124	4.3
Males, 16 years and over	55,764	49,683	2,222	3,859	6.9	8,869	8,263	606	12.4
16 to 21 years	5,360	3,788	602	969	16.1	2,511	2,064	447	17.8
16 to 19 years	2,630	1,691	386	553	21.0	2,059	1,667	392	19.0
20 years and over	53,134	47,991	1,837	3,306	6.2	2,810	2,596	214	7.6
20 to 24 years	7,996	6,013	475	1,008	13.4	824	731	92	11.2
25 years and over	45,139	41,978	1,362	2,299	5.0	1,987	1,865	121	6.1
25 to 54 years	37,893	34,747	1,097	2,049	5.4	793	734	59	7.4
55 years and over	7,246	7,231	266	250	3.2	1,194	1,132	62	5.2
Females, 16 years and over	35,159	29,951	2,435	2,772	7.9	10,601	9,758	843	7.9
16 to 21 years	4,213	2,886	600	726	17.2	2,775	2,352	423	15.2
16 to 19 years	2,035	1,219	379	438	21.5	2,125	1,774	351	16.5
20 years and over	33,123	28,733	2,056	2,334	7.0	8,476	7,984	492	5.8
20 to 24 years	5,926	4,782	469	675	11.4	1,298	1,168	130	10.0
25 years and over	27,197	23,951	1,587	1,659	6.1	7,179	6,817	362	5.0
25 to 54 years	23,094	20,281	1,312	1,500	6.5	5,481	5,180	301	5.5
55 years and over	4,103	3,670	275	159	3.9	1,698	1,637	62	3.7
White									
Males, 16 years and over	49,668	44,753	1,882	3,032	6.1	8,360	7,869	491	11.3
16 to 21 years	4,701	3,445	516	740	15.7	2,263	1,896	366	16.4
16 to 19 years	2,317	1,561	332	424	18.3	1,856	1,533	323	17.4
20 years and over	47,350	43,192	1,550	2,608	5.5	2,583	2,335	168	6.7
20 to 24 years	6,589	5,392	404	773	11.8	735	661	74	10.0
25 years and over	40,782	37,800	1,147	1,835	4.5	1,769	1,674	94	5.3
25 to 54 years	33,724	31,176	921	1,624	4.8	684	639	45	6.6
55 years and over	7,058	6,621	226	211	3.0	1,085	1,036	49	4.5
Females, 16 years and over	29,871	25,841	2,006	2,023	6.8	9,688	8,989	700	7.2
16 to 21 years	3,657	2,607	525	525	14.3	2,512	2,174	338	13.5
16 to 19 years	1,781	1,111	337	332	18.6	1,927	1,645	282	14.6
20 years and over	28,390	24,730	1,669	1,691	6.0	7,761	7,343	418	5.4
20 to 24 years	5,071	4,217	392	462	9.1	1,175	1,071	104	8.8
25 years and over	23,319	20,513	1,277	1,229	5.3	6,586	6,273	313	4.8
25 to 54 years	19,384	17,230	1,060	1,094	5.6	5,078	4,817	261	5.1
55 years and over	3,635	3,283	216	136	3.7	1,508	1,456	52	3.4
Black and other									
Males, 16 years and over	6,096	4,930	340	827	13.6	509	395	115	22.6
16 to 21 years	659	344	86	230	34.8	268	168	81	32.5
16 to 19 years	312	130	54	128	41.0	202	134	69	34.0
20 years and over	5,784	4,799	286	699	12.1	307	261	46	15.0
20 to 24 years	927	621	71	235	25.3	89	70	19	21.0
25 years and over	4,857	4,178	215	464	9.6	218	190	27	12.4
25 to 54 years	4,169	3,568	176	426	10.2	110	95	14	12.7
55 years and over	687	610	39	40	5.8	108	95	13	12.0
Females, 16 years and over	5,288	4,110	429	749	14.2	913	770	143	15.7
16 to 21 years	556	279	75	202	36.3	263	178	84	32.2
16 to 19 years	254	107	41	106	41.6	198	129	69	34.9
20 years and over	5,033	4,003	388	643	12.8	715	641	74	10.4
20 to 24 years	855	565	77	213	24.9	123	97	26	21.4
25 years and over	4,178	3,438	310	430	10.3	591	544	47	8.0
25 to 54 years	3,710	3,051	251	407	11.0	402	363	39	9.7
55 years and over	468	387	59	23	4.9	189	181	8	4.2

[1] Employed persons with a job but not at work are distributed proportionately among the full- and part-time employed categories.

9. Employment status of the noninstitutional population by family relationship

(Numbers in thousands)

Family relationship	1981									
	Civilian labor force					Not in labor force				
	Total	Percent of population	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
				Number	Percent of labor force					
Total, 16 years and over	106,193	63.9	98,313	8,080	7.6	60,063	31,572	7,549	2,646	18,277
Husbands	39,951	80.5	37,317	1,634	4.2	9,454	129	178	967	8,180
With employed wife	21,258	91.8	20,442	816	3.8	1,899	43	101	335	1,420
With unemployed wife	1,310	92.7	1,137	173	13.2	103	4	6	25	67
With wife not in labor force	16,383	68.7	15,738	665	3.9	7,452	82	71	607	6,693
Wives	24,570	50.8	23,157	1,413	5.8	23,835	21,266	291	299	1,979
With employed husband	21,579	57.8	20,442	1,137	5.3	15,738	14,513	242	110	874
With unemployed husband	990	60.5	816	173	17.5	645	590	14	6	35
With husband not in labor force	2,002	21.2	1,899	103	5.1	7,452	6,163	35	183	1,070
Relatives in married-couple families	13,390	62.9	11,433	1,957	14.6	7,889	878	4,754	281	1,977
16 to 19 years	6,060	56.2	5,048	1,012	16.7	4,715	163	3,646	16	890
20 to 24 years	4,931	76.5	4,264	667	13.5	1,519	136	1,017	27	339
25 years and over	2,399	59.2	2,121	278	11.6	1,655	579	91	238	748
Females who maintain families	5,468	60.0	4,902	566	10.4	3,639	2,827	125	132	555
Relatives in families maintained by females	4,503	56.5	3,509	995	22.1	3,469	810	1,341	238	1,079
16 to 19 years	1,372	47.7	927	450	32.7	1,511	118	1,054	6	335
20 to 24 years	1,623	72.4	1,097	525	22.9	562	120	236	20	186
25 years and over	1,703	54.6	1,485	220	12.9	1,416	572	51	214	578
Males who maintain families	1,788	75.9	1,658	130	7.2	568	29	29	66	445
Relatives in families maintained by males	1,423	59.0	1,209	214	15.0	990	412	247	58	273
16 to 19 years	333	57.8	256	77	23.2	243	21	173	2	47
20 to 24 years	412	77.4	345	67	16.3	120	32	56	2	29
25 years and over	678	52.0	608	70	10.3	627	359	18	54	197
Persons living alone	10,060	53.8	9,304	756	7.5	8,660	4,769	184	502	3,205
Males	5,351	71.7	4,895	456	8.5	2,078	114	114	217	1,633
Females	4,709	42.3	4,409	300	6.4	6,582	4,656	71	285	1,572
All others[1]	6,232	80.2	5,624	607	9.7	1,339	432	400	103	404

[1] The majority of these persons are living with nonrelatives. Also included are persons in married-couple families where the husband is in the Armed Forces, persons in secondary families, and some whose family status is unknown.

10. Unemployed persons by marital status, race, age, and sex

Marital status, race, and age	Males				Females			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	1980	1981	1980	1981	1980	1981	1980	1981
Total, 16 years and over	4,157	4,465	6.9	7.4	3,291	3,615	7.4	7.9
Married, spouse present	1,674	1,738	4.2	4.3	1,417	1,481	5.8	5.9
Widowed, divorced, or separated	428	486	8.6	9.1	610	728	7.2	8.1
Single (never married)	2,055	2,249	13.6	14.6	1,265	1,405	10.9	11.9
White, 16 years and over	3,289	3,523	6.1	6.5	2,501	2,723	6.5	6.9
Married, spouse present	1,426	1,453	3.9	4.0	1,209	1,252	5.5	5.6
Widowed, divorced, or separated	311	361	7.6	8.3	436	521	6.4	7.2
Single (never married)	1,552	1,709	11.9	12.9	856	950	8.8	9.5
Black and other, 16 years and over	868	942	13.3	14.3	790	892	13.1	14.4
Married, spouse present	248	276	7.0	7.8	208	229	8.1	9.0
Widowed, divorced, or separated	117	125	13.1	13.0	174	207	10.6	11.8
Single (never married)	503	540	23.9	25.4	409	456	22.3	24.0
Total, 20 to 24 years of age	3,203	3,466	6.0	6.4	2,511	2,784	6.4	6.9
Married, spouse present	1,603	1,669	4.2	4.4	1,326	1,399	5.6	5.8
Widowed, divorced, or separated	415	473	8.8	9.3	577	684	7.4	8.3
Single (never married)	1,185	1,323	11.4	12.2	610	701	8.0	8.8
White, 20 to 24 years of age	2,538	2,735	5.3	5.7	1,901	2,074	5.6	6.0
Married, spouse present	1,369	1,403	3.9	4.0	1,127	1,179	5.3	5.4
Widowed, divorced, or separated	302	352	7.8	8.5	409	485	6.6	7.4
Single (never married)	867	979	9.8	10.6	365	410	5.9	6.3
Black and other, 20 to 24 years of age	666	731	11.5	12.3	610	710	11.2	12.6
Married, spouse present	235	265	6.9	7.8	198	220	8.0	8.9
Widowed, divorced, or separated	113	122	13.2	13.3	167	199	10.7	11.9
Single (never married)	317	345	20.2	21.4	244	291	17.6	19.9

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11. Unemployed persons by occupation and sex

Occupation	Thousands of persons		Unemployment rates					
			Total		Males		Females	
	1980	1981	1980	1981	1980	1981	1980	1981
Total, 16 years and over	7,448	8,080	7.1	7.6	6.9	7.4	7.4	7.9
White collar workers	1,951	2,174	3.7	4.0	2.7	2.8	4.6	5.0
Professional and technical	395	458	2.5	2.8	2.0	2.2	3.0	3.4
Managers and administrators, except farm	270	311	2.4	2.7	2.0	2.1	3.5	4.1
Sales workers	283	302	4.4	4.6	3.5	3.4	5.4	5.9
Clerical workers	1,004	1,104	5.3	5.7	4.8	5.1	5.4	5.9
Blue collar workers	3,418	3,525	10.0	10.3	9.4	9.8	12.6	12.7
Craft and kindred workers	884	1,000	6.6	7.5	6.6	7.5	6.9	6.4
Carpenters and other construction workers	450	511	10.6	12.4	10.6	12.3	(1)	13.0
All other	434	489	4.7	5.3	4.6	5.2	6.4	5.8
Operatives, except transport	1,436	1,430	12.2	12.2	11.0	10.9	13.9	14.0
Transport equipment operatives	335	323	8.8	8.7	8.9	8.8	7.7	7.5
Nonfarm laborers	760	772	14.6	14.7	14.8	14.8	12.6	14.1
Construction laborers	220	233	21.6	23.1	21.4	22.9	(1)	(1)
All other	540	539	12.9	12.7	13.0	12.6	11.6	13.4
Service workers	1,107	1,274	7.9	8.8	8.1	9.2	7.7	8.6
Private household	51	53	4.7	4.9	(1)	(1)	4.6	4.9
All other	1,056	1,221	8.1	9.1	8.1	9.3	8.1	9.1
Farm workers	125	147	4.4	5.1	3.7	4.5	7.4	8.1
No previous work experience	852	960	--	--	--	--	--	--
16 to 19 years	633	717	--	--	--	--	--	--
20 to 24 years	140	158	--	--	--	--	--	--
25 years and over	80	85	--	--	--	--	--	--

[1] Percent not shown where base is less than 35,000.

12. Unemployed persons by industry and sex

Industry	Percent distribution		Unemployment rates					
			Total		Males		Females	
	1980	1981	1980	1981	1980	1981	1980	1981
Total, 16 years and over	100.0	100.0	7.1	7.6	6.9	7.4	7.4	7.9
Nonagricultural private wage and salary workers	75.8	74.5	7.4	7.7	7.4	7.7	7.3	7.7
Mining	.8	.8	6.5	6.1	6.8	6.4	4.5	4.2
Construction	9.7	9.8	14.2	15.7	14.7	16.1	8.8	11.1
Manufacturing	26.2	23.2	8.5	8.2	7.4	7.1	10.7	10.6
Durable goods	16.6	13.8	8.9	8.1	8.2	7.4	10.9	10.2
Lumber and wood products	1.2	1.0	13.3	12.5	13.5	11.9	11.8	16.3
Furniture and fixtures	.7	.6	9.0	8.6	8.5	7.2	10.0	11.6
Stone, clay, and glass products	.8	.7	9.2	8.6	8.3	8.0	13.1	10.8
Primary metal industries	1.7	1.3	9.7	8.5	9.4	8.2	12.0	10.3
Fabricated metal products	2.1	1.8	9.9	9.6	8.6	8.9	14.3	11.9
Machinery, except electrical equipment	2.2	2.1	5.6	5.8	5.1	5.3	7.1	7.7
Electrical equipment	2.2	2.1	6.8	6.7	4.8	4.5	9.3	9.5
Transportation equipment	4.3	2.9	13.6	10.5	12.8	10.0	17.3	12.5
Automobiles	3.5	2.1	20.3	14.6	18.8	13.2	27.7	21.6
Other transportation equipment	.8	.8	5.7	6.0	5.8	6.3	5.5	4.3
Instruments and related products	.4	.4	4.9	5.1	3.0	3.6	7.2	7.2
Other durable goods industries	.9	.9	9.2	9.2	6.0	6.9	13.6	12.6
Nondurable goods	9.6	9.4	7.9	8.4	5.9	6.4	10.6	11.0
Food and kindred products	2.3	2.4	8.9	10.1	6.8	7.9	13.4	15.0
Textile mill products	.9	1.0	8.3	10.5	6.3	9.9	10.3	11.0
Apparel and other textile products	2.1	1.9	11.5	11.4	8.9	9.0	12.2	12.1
Paper and allied products	.7	.5	6.9	5.3	5.8	3.9	10.4	9.9
Printing and publishing	1.2	1.0	5.8	5.4	5.0	4.5	7.0	6.5
Chemicals and allied products	.8	.8	4.5	5.1	3.6	4.0	6.9	7.8
Rubber and plastics products	1.0	1.0	9.6	10.8	8.1	9.0	12.4	14.0
Other nondurable goods industries	.6	.7	7.0	8.9	4.7	6.6	10.2	11.5
Transportation and public utilities	3.7	3.7	4.9	5.2	5.1	5.7	4.4	3.9
Railroads and railway express	.4	.4	6.6	6.1	4.6	6.2	4.4	4.7
Other transportation	2.6	2.6	7.5	7.7	7.7	8.2	6.6	6.0
Communication and other public utilities	.7	.7	2.2	2.3	1.7	2.1	3.1	2.4
Wholesale and retail trade	18.9	19.4	7.4	8.0	6.6	7.1	8.3	9.0
Finance, insurance, and real estate	2.5	2.4	3.4	3.5	3.2	3.0	3.5	3.8
Service industries	14.0	15.2	5.9	6.6	6.2	6.9	5.7	6.4
Professional services	5.6	6.3	4.1	4.7	3.5	4.0	4.3	5.0
All other service industries	8.4	8.9	8.5	9.3	8.7	9.6	8.4	9.1
Agricultural wage and salary workers	2.3	2.4	10.8	12.0	9.7	10.9	15.1	15.8
All other classes of workers	10.6	11.2	3.1	3.5	2.7	3.1	3.5	4.0
No previous work experience	11.4	11.9	--	--	--	--	--	--

13. Unemployed persons by reason for unemployment, sex, age, and race

Reason for unemployment	Total unemployed		Males, 20 years and over		Females, 20 years and over		Both sexes, 16 to 19 years		White		Black and other	
	1980	1981	1980	1981	1980	1981	1980	1981	1980	1981	1980	1981
UNEMPLOYMENT LEVEL												
Total unemployed, in thousands	7,948	8,080	3,261	3,521	2,547	2,826	1,640	1,733	5,790	6,246	1,658	1,833
Job losers	3,860	4,178	2,334	2,508	1,144	1,291	383	380	3,056	3,290	804	888
On layoff	1,471	1,412	926	881	444	439	102	93	1,235	1,196	237	216
Other job losers	2,389	2,766	1,408	1,627	700	852	281	287	1,821	2,094	567	672
Job leavers	863	894	345	342	365	393	153	159	717	741	146	153
Reentrants	1,875	2,048	498	573	905	997	472	478	1,421	1,539	453	510
New entrants	851	959	85	97	134	146	632	717	595	676	256	283
PERCENT DISTRIBUTION												
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers	51.9	51.7	71.6	71.2	44.9	45.6	23.3	21.9	52.8	52.7	48.5	48.5
On layoff	19.8	17.5	28.4	25.0	17.4	15.5	6.2	5.3	21.3	19.2	14.3	11.8
Other job losers	32.1	34.2	43.2	46.2	27.5	30.1	17.1	16.6	31.5	33.5	34.2	36.7
Job leavers	11.6	11.1	10.6	9.7	14.3	13.9	9.4	9.2	12.4	11.9	8.8	8.3
Reentrants	25.2	25.4	15.3	16.3	35.5	35.3	28.8	27.6	24.5	24.6	27.3	27.8
New entrants	11.4	11.9	2.6	2.7	5.3	5.2	38.5	41.3	10.3	10.8	15.4	15.4
UNEMPLOYMENT RATE												
Total unemployment rate[1]	7.1	7.6	5.9	6.3	6.3	6.8	17.7	19.6	6.3	6.7	13.2	14.3
Job losers rate[1]	3.7	3.9	4.2	4.5	2.8	3.1	4.1	4.2	3.3	3.5	6.4	6.9
Job leaver rate[1]	.8	.8	.6	.6	.9	.9	1.7	1.8	.8	.8	1.2	1.2
Reentrant rate[1]	1.8	1.9	.9	1.0	2.2	2.4	5.1	5.4	1.5	1.6	3.6	4.0
New entrant rate[1]	.8	.9	.2	.2	.3	.3	6.8	8.1	.6	.7	2.0	2.2

[1] Unemployment rates are calculated as a percent of the civilian labor force.

14. Unemployed persons by reason for unemployment, sex, age, and duration of unemployment

(Percent distribution)

Reason, sex, and age	1981						
	Total unemployed		Duration of unemployment				
					15 weeks and over		
	Thousands of persons	Percent	Less than 5 weeks	5 to 14 weeks	Total	15 to 26 weeks	27 weeks and over
Total, 16 years and over	8,080	100.0	41.6	30.7	27.7	13.6	14.1
Job losers	4,178	100.0	34.8	30.9	34.2	16.0	18.2
On layoff	1,412	100.0	46.5	28.6	24.9	12.4	12.5
Other job losers	2,766	100.0	28.9	32.1	39.0	17.9	21.1
Job leavers	894	100.0	45.1	31.7	23.2	12.1	11.1
Reentrants	2,048	100.0	50.8	30.1	19.8	10.6	9.3
New entrants	959	100.0	49.7	29.7	20.6	10.7	9.9
Males, 20 years and over	3,521	100.0	34.7	30.5	34.8	15.4	19.4
Job losers	2,508	100.0	32.3	30.6	37.1	16.3	20.8
On layoff	881	100.0	43.8	29.0	27.2	13.9	13.4
Other job losers	1,627	100.0	26.0	31.5	42.5	17.6	24.9
Job leavers	342	100.0	39.4	31.0	29.6	13.3	16.4
Reentrants	573	100.0	41.5	30.6	27.9	13.3	14.6
New entrants	97	100.0	40.7	25.0	34.3	13.6	20.7
Females, 20 years and over	2,826	100.0	43.7	30.9	25.4	13.2	12.2
Job losers	1,291	100.0	35.2	31.7	33.2	16.8	16.4
On layoff	439	100.0	47.8	28.7	23.5	11.1	12.4
Other job losers	852	100.0	28.7	33.2	38.2	19.6	18.4
Job leavers	393	100.0	45.0	33.1	21.8	12.2	9.6
Reentrants	997	100.0	53.7	29.4	16.9	9.3	7.6
New entrants	146	100.0	47.6	28.0	24.4	11.5	12.8
Both sexes, 16 to 19 years	1,733	100.0	52.0	30.8	17.2	10.4	6.8
Job losers	380	100.0	50.6	30.7	18.7	11.8	6.9
On layoff	93	100.0	66.9	24.2	8.9	4.7	4.2
Other job losers	287	100.0	45.4	32.7	21.9	14.1	7.7
Job leavers	159	100.0	57.5	29.6	12.9	9.3	3.6
Reentrants	478	100.0	52.5	31.3	16.2	10.0	6.2
New entrants	717	100.0	51.3	30.7	18.0	10.1	7.8

15. Unemployed jobseekers by sex, age, race, and jobsearch methods used

Sex, age, and race	1981								
	Thousands of persons		Methods used as a percent of total jobseekers						Average number of methods used
	Total unemployed	Total jobseekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives	Other	
Total, 16 years and over	8,080	6,557	26.8	6.1	74.0	32.2	19.4	5.4	1.59
16 to 19 years	1,731	1,621	17.9	3.1	80.3	25.9	12.8	3.8	1.44
20 to 24 years	1,905	1,590	31.5	5.9	75.2	33.3	14.3	3.9	1.64
25 to 34 years	2,132	1,638	30.0	7.4	71.9	36.4	19.7	5.6	1.66
35 to 44 years	1,059	794	29.3	8.4	70.9	33.9	15.5	6.8	1.65
45 to 54 years	717	520	28.7	8.3	68.8	34.9	19.4	7.7	1.62
55 to 64 years	436	312	25.9	6.4	65.7	30.8	17.9	10.3	1.56
65 years and over	97	80	15.0	5.0	61.2	26.2	16.2	10.0	1.34
Males, 16 years and over	4,465	3,462	28.9	6.0	74.9	29.8	16.5	6.7	1.63
16 to 19 years	944	872	18.2	3.0	81.5	24.2	14.7	3.7	1.45
20 to 24 years	1,100	882	33.8	5.8	75.3	32.3	17.0	4.6	1.69
25 to 34 years	1,169	836	34.4	7.9	72.8	34.3	16.7	7.4	1.74
35 to 44 years	545	375	32.5	8.0	72.8	30.7	17.3	9.3	1.71
45 to 54 years	394	267	30.3	7.9	71.9	28.1	17.6	11.2	1.67
55 to 64 years	259	193	25.7	7.1	63.4	27.3	18.0	14.8	1.56
65 years and over	55	47	10.6	4.3	63.8	21.3	17.0	12.8	1.30
Females, 16 years and over	3,615	3,095	24.4	6.2	72.9	34.9	12.1	3.8	1.54
16 to 19 years	789	749	17.5	3.3	79.0	27.9	10.7	4.0	1.42
20 to 24 years	805	708	28.7	5.9	75.1	34.5	10.9	3.0	1.58
25 to 34 years	963	802	25.4	6.9	70.7	38.7	12.6	3.7	1.58
35 to 44 years	514	420	26.4	8.8	69.0	36.7	13.8	4.5	1.59
45 to 54 years	323	253	25.9	8.3	65.6	41.1	11.1	4.0	1.57
55 to 64 years	178	130	23.8	6.2	68.5	35.4	17.7	4.6	1.56
65 years and over	42	33	(1)	(1)	(1)	(1)	(1)	(1)	(1)
White, 16 years and over	6,296	4,950	26.6	6.2	74.9	34.0	14.3	5.3	1.59
Males	3,523	2,661	26.8	6.2	75.8	31.6	14.4	6.8	1.64
Females	2,723	2,290	22.1	6.3	73.9	36.9	11.9	3.5	1.55
Black and other, 16 years and over	1,833	1,607	33.5	5.6	71.0	26.5	14.6	5.5	1.57
Males	942	801	36.1	5.6	72.2	23.8	16.7	6.2	1.61
Females	892	806	30.9	5.6	69.9	29.2	12.5	4.8	1.53

(1) Percent not shown where base is less than 35,000.

NOTE: The jobseekers total is less than the total unemployed because persons on layoff or waiting to begin a new wage and salary job within 30 days are not actually seeking jobs. It should also be noted that the percent using each method will always total more than 100 because many jobseekers use more than one method.

16. Unemployed jobseekers by sex, reason for unemployment, and jobsearch methods used

Sex and reason	1981								
	Thousands of persons		Methods used as a percent of total jobseekers						Average number of methods used
	Total unemployed	Total jobseekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives	Other	
Total, 16 years and over	8,080	6,557	26.8	6.1	74.0	32.2	19.4	5.4	1.59
Job losers	4,178	2,769	31.6	6.9	74.5	33.4	16.3	6.1	1.71
Job leavers	894	892	26.5	7.3	74.1	37.7	14.0	3.3	1.63
Reentrants	2,048	1,946	22.3	5.6	71.3	31.7	12.7	5.9	1.49
New entrants	959	950	16.5	3.6	78.5	24.4	12.9	4.2	1.40
Males, 16 years and over	4,465	3,462	28.9	6.0	74.9	29.8	16.5	6.7	1.63
Job losers	2,759	1,812	33.8	6.5	74.6	31.5	17.2	7.5	1.71
Job leavers	619	617	25.4	7.4	76.7	34.1	16.8	3.6	1.64
Reentrants	826	777	26.1	5.8	71.7	27.9	15.3	8.4	1.55
New entrants	461	456	17.3	3.1	80.5	22.6	15.4	3.1	1.42
Females, 16 years and over	3,615	3,095	24.4	6.2	72.9	34.9	12.1	3.8	1.54
Job losers	1,419	958	32.9	7.6	74.2	37.1	14.4	3.3	1.70
Job leavers	475	475	27.4	6.9	72.0	40.6	11.6	2.9	1.61
Reentrants	1,222	1,170	19.8	5.4	70.4	34.3	11.0	--	1.41
New entrants	498	493	15.6	4.3	76.9	26.2	10.8	5.1	1.39

NOTE: See note, table 15.

17. Unemployed persons by duration of unemployment

Duration of unemployment	Total				Full time workers			
	Thousands of persons		Percent distribution		Thousands of persons		Percent distribution	
	1980	1981	1980	1981	1980	1981	1980	1981
Total, 16 years and over	7,448	8,080	100.0	100.0	6,108	6,631	100.0	100.0
Less than 5 weeks	3,208	3,359	43.1	41.6	2,403	2,518	39.3	38.0
5 to 14 weeks	2,411	2,479	32.4	30.7	2,028	2,063	33.2	31.1
5 to 10 weeks	1,743	1,806	23.4	22.4	1,442	1,497	23.6	22.6
11 to 14 weeks	671	672	9.0	8.3	586	566	9.6	8.5
15 weeks and over	1,829	2,241	24.6	27.7	1,677	2,050	27.5	30.9
15 to 26 weeks	1,028	1,098	13.8	13.6	932	988	15.3	14.9
27 weeks and over	802	1,143	10.8	14.1	745	1,062	12.2	16.0
27 to 51 weeks	481	594	6.5	7.4	453	550	7.4	8.3
52 weeks and over	320	550	4.3	6.8	292	512	4.8	7.7
Average (mean) duration, in weeks	11.9	13.8	--	--	12.9	15.0	--	--
Median duration, in weeks	6.5	7.0	--	--	7.4	8.0	--	--

18. Unemployed persons by sex, age, race, marital status, and duration of unemployment

Sex, age, race, and marital status	Thousands of persons					Average (mean) duration, in weeks	Median duration, in weeks	Less than 5 weeks as a percent of unemployed in group		15 weeks and over as a percent of unemployed in group	
	Total	Less than 5 weeks	5 to 14 weeks	15 to 26 weeks	27 weeks and over						
	1981							1980	1981	1980	1981
Total, 16 years and over	8,080	3,359	2,479	1,093	1,143	13.8	7.0	43.1	41.6	24.6	27.7
16 to 21 years	2,566	1,261	808	282	215	10.3	5.2	50.7	49.2	16.3	19.4
16 to 19 years	1,733	902	533	180	118	9.3	4.8	53.7	52.0	13.8	17.2
20 to 24 years	1,905	800	604	260	240	13.0	6.8	43.4	42.0	22.5	26.3
25 to 34 years	2,132	824	661	310	337	14.8	7.8	39.4	38.6	28.7	30.4
35 to 44 years	1,059	391	314	162	192	16.1	8.5	38.8	36.9	29.4	33.4
45 to 54 years	717	258	209	109	144	17.0	8.9	37.1	35.6	32.6	35.2
55 to 64 years	436	145	131	65	95	18.4	9.5	35.2	33.2	32.5	36.8
65 years and over	97	42	26	12	17	16.3	7.1	47.4	43.3	25.9	29.8
Males, 16 years and over	4,465	1,682	1,376	650	756	15.5	8.1	38.9	37.7	28.1	31.5
16 to 21 years	1,417	648	461	170	140	11.3	6.0	47.3	45.6	18.6	21.8
16 to 19 years	984	460	303	107	74	10.1	5.3	51.4	48.7	15.7	19.2
20 to 24 years	1,103	409	352	169	171	14.9	8.0	38.5	37.2	25.9	30.8
25 to 34 years	1,169	403	366	173	227	16.9	9.2	33.8	34.5	33.7	34.2
35 to 44 years	543	177	155	93	120	18.4	10.2	34.1	32.5	33.0	39.2
45 to 54 years	394	129	109	66	91	19.0	10.4	33.5	32.6	36.6	39.8
55 to 64 years	259	82	78	37	61	19.4	9.8	33.1	31.7	35.8	38.0
65 years and over	55	23	13	7	12	16.0	7.8	46.7	41.6	25.6	33.8
Females, 16 years and over	3,615	1,677	1,103	448	387	11.7	5.8	48.3	46.4	20.1	23.1
16 to 21 years	1,149	615	347	112	75	9.1	4.7	54.9	53.5	13.3	16.3
16 to 19 years	749	441	230	73	43	8.3	4.5	58.5	56.0	11.5	14.8
20 to 24 years	805	391	252	92	69	10.6	5.3	50.3	48.6	17.8	20.0
25 to 34 years	963	421	295	137	111	12.4	6.4	46.6	43.7	22.2	25.7
35 to 44 years	516	214	160	69	72	13.6	7.0	43.6	41.6	25.7	27.3
45 to 54 years	323	127	101	43	53	14.6	7.4	41.1	39.4	28.0	29.5
55 to 64 years	178	63	52	29	34	14.9	9.1	38.5	35.5	27.4	35.2
65 years and over	42	19	13	5	6	14.1	8.4	48.5	45.4	26.4	24.7
White, 16 years and over	6,246	2,653	1,937	837	819	13.1	6.7	43.7	42.5	23.8	26.5
Males	3,523	1,357	1,096	517	554	14.7	7.8	39.4	38.5	27.6	30.8
Females	2,723	1,296	841	321	265	11.0	5.5	49.4	47.6	19.2	21.5
Black and other, 16 years and over	1,833	706	542	260	325	16.1	8.1	40.8	38.5	27.1	31.9
Males	942	325	290	133	203	15.3	9.3	37.0	34.6	30.7	35.7
Females	892	381	262	127	122	13.8	6.8	45.0	42.7	23.1	27.9
Males, 16 years and over											
Married, spouse present	1,730	607	535	275	343	17.0	9.2	35.6	35.1	31.6	35.7
Widowed, divorced, or separated	486	155	140	79	104	18.1	10.0	33.5	31.8	34.1	37.7
Single (never married)	2,249	921	723	296	309	13.7	7.0	42.7	40.9	23.9	26.9
Females, 16 years and over											
Married, spouse present	1,481	683	452	184	162	11.6	5.9	48.5	46.1	20.7	23.4
Widowed, divorced, or separated	728	291	226	105	106	14.3	7.3	42.3	40.0	27.8	28.9
Single (never married)	1,405	703	424	159	119	10.4	5.0	51.1	50.1	16.8	19.8

HOUSEHOLD DATA
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19. Unemployed persons by occupation, industry, and duration of unemployment

Occupation and industry	Thousands of persons					Average (mean) duration, in weeks	Median duration, in weeks	Less than 5 weeks as a percent of unemployed in group		15 weeks and over as a percent of unemployed in group	
	Total	Less than 5 weeks	5 to 14 weeks	15 to 26 weeks	27 weeks and over						
	1981							1980	1981	1980	1981
OCCUPATION											
White-collar workers	2,174	902	691	313	263	12.9	6.9	44.3	41.5	23.2	26.7
Professional and managerial	769	299	251	112	106	14.0	7.5	40.3	38.9	26.6	28.3
Sales workers	332	134	94	43	31	11.4	6.2	45.6	44.5	23.3	24.3
Clerical workers	1,104	469	345	169	126	12.5	6.8	46.6	42.5	20.9	26.3
Blue-collar workers	3,525	1,322	1,067	502	633	15.8	8.2	38.0	37.5	29.1	32.2
Craft and kindred workers	1,000	371	317	152	160	14.8	8.1	38.2	37.1	28.1	31.2
Operatives, except transport	1,430	543	421	190	275	16.2	8.2	38.4	38.0	30.0	32.5
Transport equipment operatives	323	115	96	49	63	17.0	9.0	35.1	35.6	30.4	34.6
Nonfarm laborers	772	293	232	111	135	15.9	8.1	38.4	38.0	27.8	31.9
Service workers	1,274	587	386	157	143	12.0	5.9	48.3	46.1	20.8	23.8
INDUSTRY[1]											
Agriculture	193	94	64	22	13	9.7	5.2	48.8	48.8	16.4	18.1
Construction	821	308	269	134	110	13.9	6.0	38.7	37.5	26.5	29.7
Manufacturing	1,883	695	542	263	383	16.9	8.6	36.8	36.9	31.8	34.3
Durable goods	1,125	388	319	159	259	18.5	9.4	34.5	34.5	34.2	37.2
Nondurable goods	759	307	223	104	124	14.6	7.5	40.7	40.4	27.5	30.1
Transportation and public utilities	337	129	102	45	61	16.2	7.8	39.8	38.2	29.8	31.6
Wholesale and retail trade	1,576	691	502	208	176	12.1	6.4	44.7	43.8	21.7	24.4
Finance and service industries	1,813	774	565	249	225	12.9	6.7	46.5	42.7	21.4	26.2
Public administration	269	95	83	42	49	15.9	8.8	40.4	35.3	28.2	33.8
No previous work experience	960	477	286	103	95	11.4	5.1	52.5	49.7	16.0	20.6

[1] Includes wage and salary workers only.

20. Employed persons by industry, age, and sex

(In thousands)

Industry and age	Total		Males		Females	
	1980	1981	1980	1981	1980	1981
All industries	97,270	98,313	55,988	56,168	41,283	42,145
16 to 19 years	7,603	7,115	4,016	3,794	3,587	3,321
16 to 17 years	3,031	2,790	1,631	1,484	1,399	1,306
18 to 19 years	4,572	4,325	2,384	2,260	2,188	2,066
20 to 24 years	13,615	13,638	7,254	7,220	6,360	6,419
25 to 54 years	61,761	63,351	35,975	36,578	25,787	26,773
25 to 34 years	26,222	27,174	15,232	15,650	10,989	11,523
35 to 44 years	19,293	19,909	11,152	11,405	8,141	8,504
45 to 54 years	16,247	16,268	9,591	9,522	6,656	6,746
55 to 64 years	11,364	11,298	6,924	6,832	4,441	4,465
55 to 59 years	7,027	7,007	4,254	4,205	2,772	2,802
60 to 64 years	4,338	4,291	2,670	2,627	1,668	1,664
65 years and over	2,927	2,911	1,819	1,795	1,109	1,116
Nonagricultural industries	93,960	95,001	53,324	53,514	40,637	41,487
16 to 19 years	7,223	6,740	3,707	3,432	3,516	3,309
16 to 17 years	2,826	2,604	1,464	1,328	1,362	1,276
18 to 19 years	4,397	4,137	2,242	2,103	2,155	2,033
20 to 24 years	13,223	13,217	6,932	6,872	6,291	6,345
25 to 54 years	60,050	61,636	34,661	35,269	25,389	26,372
25 to 34 years	25,583	26,512	14,722	15,131	10,861	11,382
35 to 44 years	18,750	19,366	10,750	11,004	8,000	8,363
45 to 54 years	15,717	15,758	9,189	9,129	6,529	6,628
55 to 64 years	10,842	10,798	6,482	6,419	4,360	4,379
55 to 59 years	6,752	6,734	4,029	3,987	2,723	2,747
60 to 64 years	4,090	4,064	2,453	2,432	1,637	1,633
65 years and over	2,623	2,610	1,593	1,528	1,030	1,082
Agriculture	3,310	3,312	2,664	2,654	646	657
16 to 19 years	380	375	309	312	71	63
16 to 17 years	205	186	167	156	37	30
18 to 19 years	175	189	142	156	33	32
20 to 24 years	392	421	322	348	70	74
25 to 54 years	1,712	1,715	1,314	1,314	397	401
25 to 34 years	639	661	510	520	129	142
35 to 44 years	543	543	402	401	141	142
45 to 54 years	530	510	402	393	128	117
55 to 64 years	523	500	442	413	81	86
55 to 59 years	274	273	225	218	50	55
60 to 64 years	248	227	217	195	31	31
65 years and over	305	301	277	267	28	33

21. Employed persons by occupation, sex, and age

(In thousands)

Occupation	Total		Males, 20 years and over		Females, 20 years and over		Males, 16-19 years		Females, 16-19 years	
	1980	1981	1980	1981	1980	1981	1980	1981	1980	1981
TOTAL	97,270	98,313	51,972	52,424	37,696	38,774	4,016	3,744	3,587	3,371
White collar workers	50,809	51,648	23,362	23,428	25,188	26,009	679	648	1,879	1,764
Professional and technical	15,613	16,055	8,593	8,799	6,822	7,077	99	88	99	96
Health workers	2,922	3,047	943	973	1,957	2,054	6	5	15	16
Teachers, except college	3,157	3,144	915	921	2,219	2,206	6	5	17	13
Other professional and technical	9,534	9,864	6,735	6,905	2,646	2,817	87	78	67	67
Managers and administrators, except farm	10,919	11,315	8,009	8,158	2,801	3,050	58	59	51	49
Salaried workers	9,012	9,399	6,572	6,728	2,336	2,570	55	55	49	47
Self-employed workers in retail trade	870	849	567	563	301	281	1	2	1	1
Self-employed workers, except retail trade	1,037	1,068	871	866	164	180	1	2	1	--
Sales workers	6,172	6,291	3,144	3,218	2,356	2,455	233	216	439	401
Retail trade	3,159	3,194	988	1,001	1,599	1,667	169	161	402	365
Other industries	3,013	3,097	2,156	2,217	757	788	63	55	37	36
Clerical workers	18,105	18,187	3,315	3,253	13,210	13,427	289	289	1,291	1,218
Stenographers, typists, and secretaries	4,963	4,930	66	73	4,561	4,565	7	7	329	285
Other clerical workers	13,142	13,257	3,249	3,180	8,649	8,862	282	282	962	933
Blue collar workers	30,800	30,593	22,994	22,988	5,322	5,399	2,126	1,900	368	306
Craft and kindred workers	12,529	12,397	11,297	11,227	710	755	479	384	43	31
Carpenters	1,185	1,091	1,105	1,025	16	18	62	45	2	2
Construction craft workers, except carpenters	2,615	2,532	2,450	2,389	45	43	115	97	4	4
Mechanics and repairers	3,320	3,327	3,089	3,125	61	61	167	139	3	1
Metal craft workers	1,296	1,277	1,212	1,194	49	53	34	29	1	--
Blue collar worker supervisors, not elsewhere classified	1,729	1,790	1,527	1,580	183	200	15	8	4	3
All other	2,384	2,380	1,914	1,914	357	381	86	65	28	20
Operatives, except transport	10,346	10,316	5,638	5,692	3,916	3,932	564	523	227	169
Durable goods manufacturing	4,597	4,532	2,851	2,846	1,509	1,494	169	141	68	51
Nondurable goods manufacturing	3,290	3,261	1,265	1,264	1,811	1,810	105	109	110	77
Other industries	2,460	2,523	1,522	1,582	597	628	291	273	49	40
Transport equipment operatives	3,468	3,411	3,024	2,973	268	292	167	135	10	12
Drivers, motor vehicles	2,946	2,909	2,546	2,512	247	269	144	117	10	11
All other	523	503	478	461	21	23	23	17	1	1
Nonfarm laborers	4,456	4,469	3,025	3,096	428	422	916	859	87	93
Construction	797	776	632	647	17	12	144	113	3	3
Manufacturing	961	967	727	738	141	135	82	85	10	8
Other industries	2,699	2,727	1,666	1,710	270	274	690	661	74	82
Service workers	12,958	13,160	3,956	4,034	6,752	6,926	963	943	1,286	1,257
Private household workers	1,041	1,024	18	26	821	786	8	11	193	202
Service workers, except private household	11,917	12,136	3,939	4,008	5,931	6,140	554	932	1,093	1,055
Food service workers	4,436	4,575	865	915	2,225	2,316	602	615	744	728
Protective service workers	1,396	1,429	1,241	1,264	125	139	23	21	8	6
All other	6,085	6,132	1,833	1,829	3,581	3,685	329	296	341	321
Farm workers	2,704	2,711	1,970	1,974	433	439	248	253	53	45
Farmers and farm managers	1,485	1,477	1,309	1,291	156	165	19	19	1	2
Farm laborers and supervisors	1,218	1,235	660	684	277	274	229	234	52	43
Paid workers	934	981	625	648	108	123	166	181	35	29
Unpaid family workers	284	254	36	36	168	151	63	53	17	14

22. Employed persons by occupation, race, and sex

[Percent distribution]

Occupation and race	Total		Males		Females	
	1980	1981	1980	1981	1980	1981
TOTAL						
Total, 16 years and over (thousands)	97,270	98,313	55,988	56,168	41,283	42,145
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	52.2	52.7	42.4	42.9	65.6	65.9
Professional and technical	16.1	16.3	15.5	15.8	16.8	17.0
Managers and administrators, except farm	11.2	11.5	14.4	14.6	6.9	7.4
Sales workers	6.3	6.4	6.0	6.1	6.8	6.8
Clerical workers	18.6	18.5	6.4	6.3	35.1	34.7
Blue-collar workers	31.7	31.1	44.8	44.3	13.8	13.5
Craft and kindred workers	12.9	12.6	21.0	20.7	1.8	1.9
Operatives, except transport	10.6	10.5	11.1	11.1	10.0	9.7
Transport equipment operatives	3.6	3.5	5.7	5.5	.7	.7
Nonfarm laborers	4.6	4.5	7.0	7.0	1.2	1.2
Service workers	13.3	13.4	8.8	8.9	19.5	19.4
Private household workers	1.1	1.0	(1)	.1	2.5	2.3
Other service workers	12.3	12.3	8.7	8.8	17.0	17.1
Farm workers	2.8	2.8	4.0	4.0	1.2	1.1
Farmers and farm managers	1.5	1.5	2.4	2.3	.4	.4
Farm laborers and supervisors	1.3	1.3	1.6	1.6	.8	.8
White						
Total, 16 years and over (thousands)	86,380	87,340	50,337	50,504	36,043	36,836
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	53.9	54.3	44.0	44.4	67.7	67.9
Professional and technical	16.5	16.7	16.1	16.3	17.0	17.3
Managers and administrators, except farm	12.0	12.3	15.3	15.5	7.4	7.8
Sales workers	6.8	6.8	6.4	6.5	7.3	7.3
Clerical workers	18.6	18.5	6.2	6.1	36.0	35.5
Blue-collar workers	31.1	30.6	44.0	43.5	13.2	13.0
Craft and kindred workers	13.3	13.0	21.5	21.2	1.9	1.9
Operatives, except transport	10.1	10.0	10.7	10.6	9.4	9.1
Transport equipment operatives	3.4	3.1	5.4	5.2	.7	.7
Nonfarm laborers	4.3	4.3	6.5	6.5	1.2	1.2
Service workers	12.1	12.2	8.0	8.0	17.8	17.9
Private household workers	.8	.8	(1)	.1	1.9	1.8
Other service workers	11.3	11.4	7.9	8.0	16.0	16.1
Farm workers	2.9	2.9	4.1	4.1	1.3	1.2
Farmers and farm managers	1.7	1.7	2.6	2.5	.4	.4
Farm laborers and supervisors	1.2	1.2	1.5	1.6	.8	.8
Black and other						
Total, 16 years and over (thousands)	10,890	10,973	5,651	5,664	5,239	5,309
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	39.2	40.5	28.4	29.6	50.9	52.2
Professional and technical	12.7	13.5	10.7	11.7	14.8	15.4
Managers and administrators, except farm	5.2	5.6	6.7	7.0	3.7	4.1
Sales workers	2.9	2.9	2.7	2.7	3.1	3.2
Clerical workers	18.4	18.5	8.4	8.2	29.3	29.5
Blue-collar workers	35.9	35.0	52.7	51.4	17.7	17.6
Craft and kindred workers	9.6	9.2	17.1	16.4	1.4	1.5
Operatives, except transport	14.5	14.6	14.8	15.0	14.3	14.2
Transport equipment operatives	4.9	4.7	8.8	8.5	.6	.7
Nonfarm laborers	6.9	6.5	12.0	11.5	1.4	1.3
Service workers	23.1	22.8	16.0	16.4	30.8	29.6
Private household workers	3.2	3.0	.2	.2	6.5	6.0
Other service workers	19.9	19.8	15.8	16.2	24.3	23.7
Farm workers	1.8	1.6	3.0	2.6	.6	.5
Farmers and farm managers	.3	.3	.6	.5	.1	.1
Farm laborers and supervisors	1.5	1.3	2.4	2.1	.5	.5

[1] Less than 0.05 percent.

23. Employed persons by detailed occupation, sex, and race

(Numbers in thousands)

Occupation	1981		
	Total employed	Percent of total	
		Females	Black and other
Total, 16 years and over	98,313	42.9	11.2
White-collar workers	51,848	53.6	8.6
Professional and technical	16,055	44.7	9.2
Accountants	1,096	38.5	9.0
Architects	91	4.4	8.8
Computer specialists	613	26.9	8.6
Computer programmers	357	29.4	9.2
Computer systems analysts	209	25.8	7.2
Engineers	1,497	4.3	6.0
Aeronautical and astronautical engineers	82	1.2	4.9
Civil engineers	183	1.6	6.0
Electrical and electronic engineers	370	3.8	6.5
Industrial engineers	231	11.3	6.5
Mechanical engineers	247	2.8	4.9
Foresters and conservationists	57	12.3	3.5
Lawyers and judges	570	14.0	4.4
Lawyers	548	14.1	4.4
Librarians, archivists, and curators	190	83.2	5.3
Librarians	176	85.8	5.7
Life and physical scientists	303	21.8	9.6
Biological scientists	57	40.4	12.3
Chemists	134	21.6	14.2
Operations and systems researchers and analysts	196	26.0	6.6
Personnel and labor relations workers	432	49.8	10.6
Physicians, dentists, and related practitioners	801	14.2	9.2
Dentists	127	4.7	5.5
Pharmacists	147	25.2	7.5
Physicians, medical and osteopathic	436	13.8	12.2
Nurses, dietitians, and therapists	1,620	92.7	12.1
Registered nurses	1,313	96.8	11.7
Therapists	244	70.5	11.5
Health technologists and technicians	626	72.5	13.9
Clinical laboratory technologists and technicians	268	77.2	17.5
Radiologic technologists and technicians	102	67.6	10.8
Religious workers	331	11.8	7.6
Clergy	277	5.1	7.6
Social scientists	307	33.9	7.2
Economists	157	24.8	5.7
Psychologists	115	48.7	8.7
Social and recreation workers	501	62.7	19.6
Social workers	383	64.0	20.4
Recreation workers	119	58.0	16.8
Teachers, college and university	573	35.3	8.4
Teachers, except college and university	3,144	70.6	9.8
Adult education teachers	75	42.7	8.0
Elementary school teachers	1,389	83.6	11.2
Prekindergarten and kindergarten teachers	239	98.3	13.5
Secondary school teachers	1,213	51.3	7.8
Teachers except college and university, n.e.c	229	73.8	7.0
Engineering and science technicians	1,108	18.8	9.0
Chemical technicians	101	25.7	15.8
Drafters	332	19.3	7.5
Electrical and electronic engineering technicians	267	11.2	8.2
Surveyors	88	1.1	4.5
Technicians, except health, engineering, and science	214	22.0	4.7
Airplane pilots	80	1.3	1.3
Radio operators	61	57.4	4.9
Vocational and educational counselors	186	53.2	17.2
Writers, artists, and entertainers	1,358	40.1	5.9
Athletes and kindred workers	131	44.3	6.9
Designers	213	29.6	5.6
Editors and reporters	202	50.5	5.0
Musicians and composers	142	23.4	5.6
Painters and sculptors	207	51.2	5.3
Photographers	99	23.2	7.1
Public relations specialists and publicity writers	121	45.5	5.0
Research workers, not specified	188	39.4	10.1
All other professional and technical workers	53	39.6	11.3
Managers and administrators, except farm	11,315	27.4	5.4
Bank officials and financial managers	680	37.4	5.0
Buyers and purchasing agents	468	30.5	5.8
Buyers, wholesale and retail trade	191	43.5	6.3
Credit and collection managers	66	39.4	4.5
Health administrators	216	49.5	6.5
White-collar workers—Continued			
Managers and administrators, except farm—Continued			
Inspectors, except construction and public administration	108	10.2	8.3
Managers and superintendents, building	158	50.6	9.5
Office managers, n.e.c	494	70.4	3.6
Officials and administrators, public administration n.e.c	469	29.0	9.8
Officials of lodges, societies, and unions	116	28.4	5.2
Restaurant, cafeteria, and bar managers	707	40.5	9.1
Sales managers and department heads, retail trade	337	40.4	5.9
Sales managers, except retail trade	367	13.6	2.5
School administrators, college	137	35.0	8.0
School administrators, elementary and secondary	289	36.7	10.0
All other managers and administrators	6,703	19.6	4.6
Sales workers	6,291	45.4	5.1
Advertising agents and sales workers	126	47.6	3.2
Demonstrators	105	95.2	3.8
Hucksters and peddlers	167	79.0	7.2
Insurance agents, brokers, and underwriters	584	23.6	6.0
Newspaper carriers and vendors	111	29.7	4.5
Real estate agents and brokers	546	50.0	2.7
Stock and bond sales agents	156	16.7	2.6
Sales workers and sales clerks, n.e.c	4,491	46.6	5.4
Sales representatives, manufacturing industries	410	20.0	3.7
Sales representatives, wholesale trade	951	11.9	2.6
Sales clerks, retail trade	2,380	71.3	7.3
Sales workers, except clerks, retail trade	514	19.6	3.3
Sales workers, services and construction	237	43.0	5.1
Clerical workers	18,187	80.5	11.2
Bank tellers	558	93.7	7.2
Billing clerks	151	88.1	9.9
Bookkeepers	1,922	91.2	5.9
Cashiers	1,621	86.4	11.3
Clerical supervisors, n.e.c	246	70.3	10.6
Collectors, bill and account	90	64.4	10.0
Counter clerks, except food	352	76.4	9.9
Dispatchers and starters, vehicle	113	38.1	8.8
Enumerators and interviewers	57	75.4	15.8
Estimators and investigators, n.e.c	529	54.4	10.2
Expediters and production controllers	249	41.0	8.0
File clerks	307	83.7	21.8
Insurance adjusters, examiners, and investigators	186	58.1	9.1
Library attendants and assistants	149	82.6	13.4
Mail carriers, post office	239	15.5	13.4
Mail handlers, except post office	172	47.1	19.8
Messengers and office helpers	94	26.6	19.1
Office machine operators	945	73.7	17.0
Bookkeeping and billing machine operators	47	89.4	12.8
Computer and peripheral equipment operators	551	63.9	15.2
Keypunch operators	243	93.8	18.9
Payroll and timekeeping clerks	226	81.0	8.8
Postal clerks	263	38.0	25.9
Receptionists	660	97.4	8.3
Secretaries	3,847	99.1	6.9
Secretaries, legal	179	98.9	5.6
Secretaries, medical	81	100.0	6.2
Secretaries, n.e.c	3,587	99.1	7.0
Shipping and receiving clerks	515	22.5	14.4
Statistical clerks	361	80.3	14.7
Stenographers	72	86.1	12.5
Stock clerks and storekeepers	517	35.0	12.8
Teachers' aides, except school monitors	373	93.0	18.5
Telephone operators	301	93.0	16.9
Ticket, station, and express agents	144	47.2	9.0
Typists	1,011	96.3	17.2
All other clerical workers	1,917	77.0	13.1
Blue-collar workers	30,593	18.6	12.6
Craft and kindred workers	12,397	6.3	8.1
Carpenters	1,091	1.8	5.4
Brickmasons and stonemasons	150	—	11.3
Cement and concrete finishers	63	—	30.2
Electricians	667	1.6	7.5
Excavating, grading, and road machinery operators	413	.5	11.9
Painters, construction and maintenance	461	5.6	9.5

23. Employed persons by detailed occupation, sex, and race – Continued

(Numbers in thousands)

Occupation	1981		
	Total employed	Percent of total	
		Females	Black and other
Blue-collar workers—Continued			
Craft and kindred workers—Continued			
Plumbers and pipefitters	462	.4	7.6
Structural metal craft workers	90	--	3.8
Roofers and slaters	135	--	13.3
Blue-collar worker supervisors, n.e.c.	1,790	11.3	7.5
Machinists and job setters	657	4.1	7.9
Job and die setters, metal	93	5.4	8.6
Machinists	564	3.9	7.8
Metal craft workers, excluding mechanics, machinists, and job setters	620	4.4	6.8
Millwrights	102	--	2.9
Molders, metal	52	17.3	19.2
Sheet metal workers and tinsmiths	153	3.3	5.2
Tool and die makers	176	2.3	2.8
Mechanics, automobiles	1,217	.7	8.3
Automobile body repairers	199	1.0	7.5
Automobile mechanics	1,017	.6	8.5
Mechanics, except automobiles	2,110	2.6	7.7
Air conditioning, heating, and refrigeration mechanics	207	.5	7.2
Aircraft mechanics	119	3.4	12.6
Data processing machine repairers	97	7.2	7.2
Farm implement mechanics	46	--	8.7
Heavy equipment mechanics, including diesel	986	1.8	7.0
Household appliance and accessory installers and mechanics	130	4.6	8.5
Office machine repairers	73	4.1	8.2
Radio and television repairers	107	3.7	5.6
Railroad and car shop mechanics	59	1.7	10.2
Printing craft workers	396	25.0	7.8
Compositors and typesetters	171	35.1	7.6
Printing press operators	164	11.6	7.9
Bakers	132	41.7	12.9
Cabinetmakers	73	2.7	4.1
Carpet installers	83	--	4.8
Crane, derrick, and hoist operators	141	.7	15.6
Decorators and window dressers	123	72.4	7.3
Electric power line and cable installers and repairers	115	.9	7.8
Inspectors, n.e.c.	141	8.5	8.5
Locomotive engineers	46	2.2	2.2
Stationary engineers	178	1.7	8.4
Tailors	21	42.9	19.0
Telephone installers and repairers	318	9.7	8.5
Telephone line installers and repairers	77	5.2	5.2
Upholsterers	70	21.4	12.4
All other craft workers	567	15.0	9.5
Operatives, except transport	10,316	39.8	15.5
Assemblers	1,145	52.3	16.4
Bottling and canning operatives	52	42.3	19.2
Checkers, examiners, and inspectors, manufacturing	786	53.7	13.0
Clothing ironers and pressers	115	80.9	38.3
Cutting operatives, n.e.c.	271	31.4	15.5
Dressmakers, except factory	114	97.4	14.0
Drillers, earth	59	--	3.4
Dry wall installers and lathers	79	--	5.1
Filers, polishers, sanders, and buffers	113	31.9	16.8
Furnace tenders, smelters, and pourers, metal	62	3.2	16.1
Garage workers and gas station attendants	340	5.6	10.3
Laundry and dry cleaning operatives, n.e.c.	189	66.1	27.5
Meat cutters and butchers, except manufacturing	173	8.1	9.8
Meat cutters and butchers, manufacturing	96	29.2	17.7
Mine operatives, n.e.c.	260	2.3	5.0
Mixing operatives	77	3.9	15.6
Packers and wrappers, excluding meat and produce	579	63.4	20.4
Painters, manufactured articles	162	16.7	13.0
Photographic process workers	85	50.6	9.4
Precision machine operatives	148	12.9	9.2
Drill press operatives	56	25.0	14.3
Grinding machine operatives	134	10.4	7.9
Lathe and milling machine operatives	101	5.9	1.9
Punch and stamping press operatives	106	32.1	10.4
Sewers	121	9.9	15.7
Sewers and stitchers	780	96.0	20.4
Shoemaking machine operatives	73	72.6	5.5
Furnace tenders and stokers, except metal	78	1.3	10.3
Textile operatives	289	61.2	26.0
Spinners, twisters, and winders	98	66.3	28.6
Welders and flame cutters	709	4.8	12.6
Winding operatives, n.e.c.	55	45.5	12.7
All other operatives, except transport	3,000	32.3	15.6
Transport equipment operatives	3,411	8.9	15.2
Busdrivers	355	47.3	21.1
Delivery and route workers	549	8.7	8.9
Forklift and tow motor operatives	363	5.8	21.5
Railroad switch operators	38	--	5.3
Taxicab drivers and chauffeurs	161	9.3	28.6
Truckdrivers	1,843	2.7	13.7
All other transport equipment operatives	102	2.9	16.7
Nonfarm laborers	4,469	11.5	16.0
Animal caretakers	93	57.0	4.3
Construction laborers, including carpenters helpers	803	2.1	15.4
Freight and material handlers	735	9.7	18.1
Garbage collectors	72	2.8	43.1
Gardeners and groundskeepers, except farm	648	4.6	15.7
Timber cutting and logging workers	99	1.0	18.2
Stockhandlers	968	24.7	11.5
Vehicle washers and equipment cleaners	165	15.2	21.8
Warehouse laborers, n.e.c.	269	5.9	12.3
All other nonfarm laborers	617	9.7	20.3
Service workers	13,160	62.2	19.0
Private households	1,024	96.5	31.9
Child care workers	443	97.5	9.0
Cleaners and servants	457	95.0	51.2
Housekeepers	98	95.9	39.8
Service workers, except private households	12,136	59.3	17.9
Cleaning workers	2,443	38.5	27.5
Lodging quarters cleaners	175	96.6	37.1
Building interior cleaners, n.e.c.	936	55.3	29.8
Janitors and sextons	1,332	19.0	24.7
Food service workers	4,575	66.5	13.3
Bartenders	309	47.2	4.5
Waiters' assistants	217	19.8	12.9
Cooks	1,360	52.3	18.8
Dishwashers	249	28.9	14.5
Food counter and fountain workers	460	83.7	12.8
Waiters	1,442	89.7	6.8
Food service workers, n.e.c.	538	73.4	21.6
Health service workers	1,963	89.3	23.7
Dental assistants	139	97.8	5.8
Health aides, excluding nursing	312	84.0	20.8
Nursing aides, orderlies, and attendants	1,216	86.6	28.3
Practical nurses	395	97.7	19.2
Personal service workers	1,726	76.1	13.7
Attendants	312	54.5	11..
Barbers	106	17.0	13.2
Child care workers	417	95.4	14.4
Hairdressers and cosmetologists	564	89.5	9.2
Housekeepers, excluding private households	133	69.9	15.0
Waiters' service aides	86	68.4	31.4
Protective service workers	1,429	10.1	13.5
Firefighters	210	1.0	8.6
Guards	593	13.7	18.4
Police and detectives	503	5.6	10.3
Sheriffs and bailiffs	69	7.2	10.1
Farm workers	2,711	17.9	6.5
Farmers and farm managers	1,477	11.3	2.2
Farmers (owners and tenants)	1,440	11.4	2.2
Farm laborers and supervisors	1,235	25.7	11.7
Farm laborers, wage workers	961	15.9	14.5
Farm laborers, unpaid family workers	254	65.0	2.0

NOTE: N.E.C. is an abbreviation for "not elsewhere classified" and designates broad categories of occupations which cannot be more specifically identified.

24. Employed persons by age, sex, and class of worker

(In thousands)

Age and sex	1981								
	Nonagricultural industries						Agriculture		
	Wage and salary workers				Self employed	Unpaid family workers	Wage and salary workers	Self employed	Unpaid family workers
	Total	Private household workers	Government	Other					
Total, 16 years and over	87,677	1,192	15,396	71,108	6,943	381	1,422	1,624	266
16 to 19 years	6,621	290	479	5,852	95	24	270	37	68
16 to 17 years	2,547	204	161	2,181	43	14	126	17	43
18 to 19 years	4,075	86	318	3,671	52	10	144	20	25
20 to 24 years	12,960	103	1,336	11,421	333	25	300	92	28
25 to 34 years	24,790	150	4,416	20,223	1,643	79	341	260	40
35 to 44 years	17,556	123	3,695	13,738	1,722	89	204	297	42
45 to 54 years	14,192	165	3,109	10,909	1,487	88	144	319	47
55 to 64 years	9,624	210	2,022	7,392	1,117	57	112	361	27
55 to 59 years	6,035	114	1,290	4,633	665	34	61	193	19
60 to 64 years	3,589	96	733	2,761	451	23	51	167	8
65 years and over	2,044	141	337	1,567	547	19	50	237	15
Males, 16 years and over	48,669	188	7,539	40,948	4,799	96	1,134	1,430	90
16 to 19 years	3,356	84	214	3,058	59	17	223	35	54
16 to 17 years	1,292	61	75	1,155	26	10	105	17	34
18 to 19 years	2,064	23	139	1,902	33	6	118	18	20
20 to 24 years	6,641	26	554	6,061	221	10	241	86	20
25 to 34 years	14,213	18	2,102	11,893	1,113	4	266	247	6
35 to 44 years	9,821	10	1,800	8,011	1,179	4	151	298	2
45 to 54 years	8,079	11	1,608	6,461	1,049	2	116	275	2
55 to 64 years	5,612	15	1,066	4,530	803	5	90	322	1
55 to 59 years	3,506	9	672	2,825	479	3	49	189	1
60 to 64 years	2,106	6	395	1,705	323	2	41	134	1
65 years and over	1,148	23	191	934	375	4	46	217	5
Females, 16 years and over	39,008	994	7,859	30,159	2,145	335	288	194	176
16 to 19 years	3,265	206	265	2,794	36	7	46	2	14
16 to 17 years	1,255	143	86	1,026	17	4	21	--	9
18 to 19 years	2,010	63	179	1,769	19	4	26	2	5
20 to 24 years	6,319	77	782	5,360	112	15	59	6	8
25 to 34 years	10,776	133	2,314	8,330	531	75	75	33	34
35 to 44 years	7,735	113	1,895	5,727	543	85	53	50	39
45 to 54 years	6,104	153	1,503	4,448	438	86	28	44	45
55 to 64 years	4,013	194	956	2,862	314	53	22	39	26
55 to 59 years	2,529	104	618	1,807	186	31	12	25	18
60 to 64 years	1,483	90	339	1,056	128	21	10	14	8
65 years and over	896	117	146	633	171	14	4	20	10

25. Employed persons by industry and occupation

(In thousands)

Industry	1981											
	Total employed	Professional and technical workers	Managers and administrators, except farm	Sales workers	Clerical workers	Craft and kindred workers	Operatives, except transport	Transport equipment operatives	Nonfarm laborers	Private household workers	Other service workers	Farm workers
Agriculture	3,312	88	37	9	91	58	14	28	278	--	16	2,711
Mining	1,079	154	103	6	127	253	144	55	25	--	11	--
Construction	5,907	204	781	34	467	3,193	260	163	776	--	29	--
Manufacturing	21,463	2,096	1,640	534	2,862	4,171	7,793	750	967	--	608	--
Durable goods	12,873	1,742	971	309	1,589	2,792	4,532	357	566	--	236	--
Nondurable goods	8,595	754	709	345	1,273	1,379	3,261	393	400	--	173	--
Transportation and public utilities	5,497	619	703	83	1,512	1,364	369	1,435	435	--	181	--
Wholesale and retail trade	23,398	992	3,915	4,135	4,565	1,392	904	714	1,224	--	3,759	--
Wholesale trade	3,923	165	825	941	783	332	196	364	274	--	40	--
Retail trade	19,129	277	3,090	3,194	3,782	1,060	708	350	949	--	3,719	--
Finance, insurance, and real estate	5,997	369	1,165	1,299	2,747	97	11	9	67	--	242	--
Services	28,887	10,662	2,221	196	5,239	1,593	779	205	557	1,024	6,409	--
Private households	1,249	15	--	--	11	10	4	2	142	1,024	38	--
Other service industries	27,639	10,647	2,221	196	5,228	1,583	775	203	415	--	6,371	--
Public administration	5,123	1,028	713	5	1,786	276	44	52	144	--	1,081	--

26. Employed persons in nonagricultural industries by sex and class of worker

(In thousands)

Industry and sex	1981					
	Total employed	Wage and salary workers			Self-employed workers	Unpaid family workers
		Total	Government	Private industries		
TOTAL						
Both sexes, 16 years and over						
Mining	1,079	1,051	2	1,049	26	2
Construction	5,907	4,733	483	4,255	1,129	40
Manufacturing	21,460	21,078	129	20,949	355	28
Durable goods	12,973	12,744	98	12,645	214	15
Nondurable goods	8,486	8,334	31	8,303	140	12
Transportation and public utilities	6,497	6,197	795	5,402	289	12
Wholesale and retail trade	20,048	18,043	99	17,941	1,843	166
Wholesale trade	3,920	3,617	4	3,613	287	16
Retail trade	16,129	14,423	95	14,328	1,556	150
Finance, insurance, and real estate	5,997	5,540	134	5,406	441	15
Services	28,887	25,907	8,625	17,282	2,862	118
Private households	1,248	1,182	--	1,182	64	2
Other service industries	27,639	24,725	8,625	16,100	2,798	116
Business repair	4,044	3,746	42	3,704	238	59
Personal	2,562	1,780	14	1,767	760	22
Entertainment and recreation	1,076	917	88	830	153	6
Professional	19,810	18,735	8,406	10,330	1,036	39
Medical, except hospital	3,409	3,361	795	2,566	325	23
Hospitals	4,095	4,090	1,132	2,958	4	--
Welfare and religion	1,600	1,564	595	969	34	2
Education	7,967	7,716	6,377	1,339	149	2
Other	2,839	2,735	107	2,628	524	11
Forestry and fisheries	146	105	75	30	40	1
Public administration	5,128	5,128	5,128	--	--	--
Males						
Mining	916	892	1	890	24	--
Construction	5,425	4,331	434	3,897	1,089	5
Manufacturing	14,671	14,394	102	14,291	274	3
Durable goods	9,655	9,474	80	9,393	180	1
Nondurable goods	5,016	4,920	22	4,898	94	2
Transportation and public utilities	4,779	4,515	578	3,937	262	2
Wholesale and retail trade	10,626	9,494	41	9,452	1,114	20
Wholesale trade	2,909	2,861	3	2,860	243	3
Retail trade	7,716	6,631	38	6,792	872	16
Finance, insurance, and real estate	2,491	2,172	72	2,100	317	1
Services	11,321	9,589	3,021	6,568	1,717	16
Private households	190	188	--	188	2	1
Other service industries	11,131	9,401	3,021	6,380	1,715	15
Business repair	2,725	2,661	23	2,638	657	7
Personal	851	629	4	625	217	4
Entertainment and recreation	651	593	53	540	136	2
Professional	6,786	6,388	2,886	3,200	696	2
Medical, except hospital	830	574	136	439	256	--
Hospitals	958	955	360	595	3	--
Welfare and religion	660	635	158	478	24	--
Education	2,737	2,712	2,160	551	25	1
Other	1,600	1,211	74	1,137	389	--
Forestry and fisheries	119	80	53	27	39	--
Public administration	3,284	3,284	3,284	--	--	--
Females						
Mining	163	159	--	159	2	2
Construction	482	407	49	358	40	35
Manufacturing	6,789	6,684	27	6,657	80	25
Durable goods	3,318	3,270	18	3,252	34	14
Nondurable goods	3,471	3,414	9	3,405	46	10
Transportation and public utilities	1,719	1,682	217	1,465	26	10
Wholesale and retail trade	9,421	8,549	58	8,489	728	146
Wholesale trade	1,010	956	1	953	44	13
Retail trade	8,410	7,592	57	7,536	684	134
Finance, insurance, and real estate	3,506	3,368	62	3,306	124	14
Services	17,565	16,318	5,603	10,714	1,145	103
Private households	1,058	994	--	994	62	2
Other service industries	16,507	15,324	5,933	9,720	1,083	101
Business repair	1,319	1,125	19	1,107	152	42
Personal	1,712	1,151	10	1,142	543	18
Entertainment and recreation	425	375	35	340	46	4
Professional	13,024	12,647	5,518	7,129	340	37
Medical, except hospital	2,578	2,486	359	2,127	69	23
Hospitals	3,136	3,135	772	2,363	1	--
Welfare and religion	941	928	437	491	10	2
Education	5,230	5,194	3,917	1,277	125	1
Other	1,239	1,093	33	1,060	135	10
Forestry and fisheries	27	25	23	3	1	--
Public administration	1,844	1,844	1,844	--	--	--

27. Employed persons by industry, sex, and occupation

(Percent distribution)

Industry and sex	1981												
	Total employed		White collar workers				Blue collar workers				Service workers		Farm workers
	Numbers (in thousands)	Percent	Professional and technical workers	Managers and administrators, except farm	Sales workers	Clerical workers	Craft and kindred workers	Operatives, except transport	Transport equipment operatives	Nonfarm laborers	Private household workers	Other service workers	
TOTAL													
Agriculture	3,312	100.0	2.5	1.1	.3	2.4	1.8	.4	.8	8.3	--	.3	81.9
Mining	1,079	100.0	14.3	9.5	.6	11.8	21.4	31.9	5.1	2.3	--	1.0	--
Construction	5,407	100.0	3.5	11.2	.6	7.9	54.1	4.4	2.8	13.1	--	.5	--
Manufacturing	21,460	100.0	11.6	7.8	2.5	12.4	19.4	36.3	3.5	4.5	--	1.9	--
Durable goods	12,973	100.0	13.4	7.5	1.5	12.2	21.5	34.9	2.8	4.4	--	1.8	--
Nondurable goods	8,486	100.0	8.9	8.4	4.1	12.6	16.3	38.4	4.6	4.7	--	2.0	--
Transportation and public utilities	6,492	100.0	9.5	10.8	1.3	23.3	21.0	2.6	22.1	6.7	--	2.8	--
Wholesale and retail trade	20,048	100.0	2.2	19.5	20.6	17.8	6.9	4.5	3.6	6.1	--	18.8	--
Wholesale trade	3,920	100.0	4.2	21.0	24.0	20.0	8.5	5.0	9.3	7.0	--	1.0	--
Retail trade	16,129	100.0	1.7	19.2	19.8	17.2	6.6	4.4	2.2	5.9	--	23.1	--
Finance, insurance, and real estate	5,997	100.0	6.2	19.4	21.5	45.8	1.6	.2	.2	1.1	--	4.0	--
Services	28,887	100.0	36.9	7.7	.7	18.1	5.5	2.7	.7	1.9	3.5	22.2	--
Private households	1,248	100.0	1.2	--	--	.9	.8	.3	.2	11.4	82.1	3.0	--
Other service industries	27,639	100.0	38.5	8.0	.7	18.9	5.7	2.8	.7	1.5	--	23.1	--
Public administration	5,128	100.0	20.0	13.9	.1	34.8	5.4	.9	1.0	2.8	--	21.1	--
Males													
Agriculture	2,654	100.0	2.3	1.1	.2	.3	2.1	.4	.9	8.5	--	.3	83.9
Mining	916	100.0	11.2	10.1	.7	2.5	27.3	36.9	5.9	2.3	--	.9	--
Construction	5,425	100.0	3.3	13.6	.5	1.2	58.2	4.7	3.0	14.0	--	.4	--
Manufacturing	14,671	100.0	13.7	9.7	2.7	3.4	25.9	29.7	4.9	5.6	--	2.2	--
Durable goods	9,655	100.0	15.4	8.8	1.7	3.5	27.0	30.9	3.6	5.2	--	2.0	--
Nondurable goods	5,016	100.0	10.6	11.6	4.6	3.3	23.7	27.4	7.3	6.4	--	2.7	--
Transportation and public utilities	4,779	100.0	10.4	11.4	1.0	9.5	27.6	3.2	25.9	8.8	--	2.3	--
Wholesale and retail trade	10,628	100.0	2.8	26.0	18.7	5.6	11.4	9.0	6.7	9.5	--	13.7	--
Wholesale trade	2,909	100.0	4.2	24.2	28.3	8.4	10.8	4.4	12.1	8.3	--	1.1	--
Retail trade	7,718	100.0	2.2	26.7	15.1	5.3	11.6	6.6	4.1	10.0	--	18.4	--
Finance, insurance, and real estate	2,491	100.0	8.2	28.9	34.1	14.9	3.6	.2	.4	2.6	--	7.0	--
Services	11,737	100.0	42.4	12.2	.9	6.8	13.0	3.7	1.6	4.4	.3	14.7	--
Private households	190	100.0	1.6	--	--	.5	4.7	1.1	1.1	71.9	19.5	1.1	--
Other service industries	11,131	100.0	43.1	12.4	.9	6.9	13.1	3.7	1.6	3.2	--	17.0	--
Public administration	3,284	100.0	21.7	15.6	--	19.2	8.1	1.1	1.5	4.0	--	28.7	--
Females													
Agriculture	657	100.0	3.5	1.2	.5	11.1	.5	.6	.3	7.5	--	1.4	73.7
Mining	163	100.0	30.2	6.7	--	63.8	1.8	3.7	.6	1.2	--	1.8	--
Construction	482	100.0	5.0	8.7	1.2	72.4	6.8	.8	.4	3.3	--	1.2	--
Manufacturing	6,789	100.0	7.1	3.7	1.9	27.4	5.3	50.6	.5	1.3	--	1.2	--
Durable goods	3,318	100.0	7.7	3.8	.9	31.8	5.6	46.6	.4	1.0	--	1.3	--
Nondurable goods	3,471	100.0	6.5	3.6	2.9	23.3	5.5	54.4	.5	1.7	--	1.1	--
Transportation and public utilities	1,719	100.0	7.1	6.9	2.1	61.7	2.7	1.0	11.3	.9	--	4.2	--
Wholesale and retail trade	9,420	100.0	1.6	12.0	22.8	31.5	1.9	2.8	.6	2.2	--	24.5	--
Wholesale trade	1,010	100.0	4.2	12.0	11.1	59.1	1.7	6.6	1.1	1.5	--	.9	--
Retail trade	8,410	100.0	1.2	12.3	24.2	28.2	2.0	2.4	.6	2.1	--	27.1	--
Finance, insurance, and real estate	3,506	100.0	4.7	12.7	12.5	67.7	.2	.1	--	.1	--	1.9	--
Services	17,365	100.0	33.4	4.8	.5	26.7	.7	2.1	.1	.4	5.8	25.7	--
Private households	1,058	100.0	1.2	--	--	1.0	.1	.2	--	.7	91.4	3.4	--
Other service industries	16,307	100.0	35.3	5.1	.6	28.4	.7	2.2	.2	.3	--	27.1	--
Public administration	1,844	100.0	17.1	10.4	.2	62.7	.6	.3	.1	.7	--	7.9	--

HOUSEHOLD DATA
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28. Employed persons by industry, race, and occupation

(Percent distribution)

Industry and race	1981												
	Total employed		White collar workers				Blue collar workers				Service workers		Farm workers
	Numbers (in thousands)	Percent	Professional and technical workers	Managers and administrators, except farm	Sales workers	Clerical workers	Craft and kindred workers	Operatives, except transport	Transport equipment operatives	Nonfarm laborers	Private household workers	Other service workers	
WHITE													
Agriculture	3,073	100.0	2.6	1.2	.3	2.6	1.7	.4	.7	7.6	—	.4	82.5
Mining	1,027	100.0	14.3	9.8	.6	11.6	23.7	31.7	5.0	2.3	—	.9	—
Construction	5,449	100.0	3.5	13.9	.6	8.1	54.5	1.4	2.5	12.1	—	.4	—
Manufacturing	19,039	100.0	12.3	8.6	2.7	12.9	20.1	34.3	3.4	4.2	—	1.7	—
Durable goods	11,617	100.0	14.1	8.2	1.6	12.6	22.0	33.3	2.6	4.0	—	1.6	—
Nondurable goods	7,422	100.0	9.4	9.3	4.4	13.2	17.0	35.7	4.6	4.5	—	1.8	—
Transportation and public utilities	5,688	100.0	10.0	11.7	1.4	22.9	21.9	2.5	21.4	5.7	—	2.5	—
Wholesale and retail trade	18,341	100.0	2.3	20.2	21.3	17.7	7.0	4.3	3.3	5.9	—	18.1	—
Wholesale trade	3,631	100.0	4.2	21.9	25.2	19.9	8.4	4.6	8.7	6.4	—	.9	—
Retail trade	14,710	100.0	1.8	19.7	20.3	17.1	6.7	4.3	2.0	5.8	—	22.3	—
Finance, insurance, and real estate	5,431	100.0	6.1	20.4	22.7	44.5	1.5	.2	.1	1.1	—	3.4	—
Services	24,959	100.0	28.5	8.2	.8	18.7	5.8	2.5	.7	1.9	2.8	20.1	—
Private households	875	100.0	1.6	—	—	1.0	.9	.3	.2	13.1	79.7	3.1	—
Other service industries	24,084	100.0	29.8	8.5	.8	19.4	6.0	2.6	.7	1.4	—	20.7	—
Public administration	4,332	100.0	21.0	14.9	.1	33.0	5.3	.7	.9	2.6	—	21.7	—
BLACK AND OTHER													
Agriculture	239	100.0	1.7	.8	—	.4	2.1	.4	2.1	16.3	—	1.7	74.5
Mining	51	100.0	13.7	3.9	—	15.7	21.6	33.3	7.8	2.0	—	3.9	—
Construction	457	100.0	3.1	5.0	—	5.5	49.0	4.4	6.1	25.8	—	1.3	—
Manufacturing	2,421	100.0	6.7	1.8	.8	8.8	14.4	52.4	4.6	6.9	—	3.7	—
Durable goods	1,356	100.0	7.6	1.6	.3	9.1	17.0	48.7	4.4	7.5	—	3.8	—
Nondurable goods	1,065	100.0	5.4	2.0	1.5	8.5	11.0	57.1	4.9	6.1	—	3.6	—
Transportation and public utilities	810	100.0	6.0	4.3	.7	25.6	14.3	3.0	27.3	13.8	—	4.8	—
Wholesale and retail trade	1,707	100.0	1.7	12.6	13.6	19.0	6.3	6.6	5.9	8.5	—	25.7	—
Wholesale trade	289	100.0	3.8	10.0	8.7	20.8	9.3	13.1	16.6	14.2	—	2.8	—
Retail trade	1,419	100.0	1.2	13.1	14.7	18.7	5.7	5.2	3.7	7.3	—	30.4	—
Finance, insurance, and real estate	565	100.0	6.4	10.3	9.6	58.2	2.8	.4	.5	1.6	—	10.4	—
Services	3,927	100.0	27.0	4.3	.2	14.4	3.4	3.6	.8	2.4	8.3	35.5	—
Private households	372	100.0	.5	—	—	.8	.5	.3	—	7.3	87.9	3.0	—
Other service industries	3,555	100.0	29.8	4.7	.3	15.8	3.7	4.0	.9	1.9	—	38.9	—
Public administration	796	100.0	15.1	8.7	.1	45.0	5.7	1.6	1.9	4.1	—	18.0	—

29. Employed persons in nonagricultural industries by sex, age, and race

(Percent distribution)

Sex, age, and race	1981									
	Mining	Construction	Manufacturing			Transportation and public utilities	Wholesale and retail trade	Finance, insurance and real estate	Service industries	Public administration
			Total	Durable goods	Nondurable goods					
TOTAL										
Total, 16 years and over (in thousands)	1,079	5,907	21,460	12,971	8,486	6,497	20,048	5,997	27,639	5,128
Percent	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
16 to 19 years	3.2	5.0	3.7	3.0	4.9	2.5	16.4	4.5	5.3	2.3
20 years and over	96.8	95.0	96.3	97.0	95.2	97.6	83.6	95.5	94.7	97.7
20 to 24 years	16.9	14.9	13.7	13.5	14.0	11.0	17.4	16.3	12.7	8.1
25 years and over	80.0	80.1	82.5	83.5	81.1	86.5	66.1	79.2	82.0	89.7
25 to 54 years	69.3	67.3	68.6	69.6	67.1	73.7	53.1	64.6	67.3	74.2
55 years and over	10.7	12.7	14.0	13.9	14.0	12.9	13.0	14.6	14.7	15.5
Males, 16 years and over	84.9	91.8	68.4	74.4	59.1	71.6	53.0	41.5	40.3	64.0
16 to 19 years	2.7	4.6	2.5	2.2	3.1	1.8	8.1	1.0	2.2	1.0
20 years and over	82.2	87.2	65.9	72.3	56.1	71.7	44.7	40.5	38.1	63.0
20 to 24 years	13.1	13.8	8.8	9.5	7.8	7.2	8.8	4.2	4.7	3.8
25 years and over	69.1	73.4	57.0	62.8	48.2	64.5	35.9	36.4	33.3	59.2
25 to 54 years	59.6	61.5	47.1	52.0	39.8	54.1	28.7	28.1	26.7	48.7
55 years and over	9.5	11.9	9.9	10.8	8.4	10.4	7.1	8.3	6.6	10.5
Females, 16 years and over	15.1	8.2	31.6	25.6	40.9	28.5	47.0	58.5	59.7	36.0
16 to 19 years	.5	.4	1.2	.8	1.8	.6	8.1	3.5	3.1	1.2
20 years and over	14.6	7.8	30.4	24.7	39.1	25.8	38.9	54.9	56.6	34.7
20 to 24 years	3.7	1.1	4.9	4.0	6.2	3.8	8.6	12.1	7.9	4.1
25 years and over	10.9	6.7	25.5	20.7	32.9	22.0	30.2	42.8	48.7	30.5
25 to 54 years	9.7	5.8	21.5	17.6	27.3	19.6	24.4	36.5	40.6	25.5
55 years and over	1.2	.9	4.1	3.1	5.6	2.4	5.9	6.3	8.1	5.0
White										
Males, 16 years and over	81.1	84.6	61.3	66.9	52.6	64.6	48.3	38.1	35.7	55.8
16 to 19 years	2.5	4.4	2.3	2.0	2.8	1.6	7.6	.9	1.9	.8
20 years and over	78.6	80.1	58.9	64.9	49.8	63.0	40.6	37.2	33.7	55.0
20 to 24 years	12.5	12.9	7.9	8.5	7.0	6.3	8.0	3.5	4.1	3.2
25 years and over	66.1	67.3	51.0	56.4	42.8	56.7	32.6	33.7	29.7	51.8
25 to 54 years	57.0	56.5	41.9	46.4	35.1	47.1	26.0	25.9	23.7	42.3
55 years and over	9.2	10.7	9.1	10.0	7.8	9.5	6.6	7.8	6.0	9.5
Females, 16 years and over	14.2	7.7	27.4	22.6	34.8	22.9	43.2	52.5	51.5	28.6
16 to 19 years	.5	.3	1.1	.8	1.6	.6	7.6	3.2	2.8	.9
20 years and over	13.6	7.4	26.4	21.9	33.2	22.3	35.6	49.3	48.7	27.7
20 to 24 years	3.4	1.0	4.2	3.6	5.2	3.3	7.8	10.6	7.0	3.3
25 years and over	10.3	6.4	22.1	18.3	28.0	19.0	27.8	38.6	41.6	24.4
25 to 54 years	9.1	5.5	18.3	15.4	22.8	16.7	22.3	32.1	34.6	20.1
55 years and over	1.2	.8	3.8	2.9	5.2	2.3	5.5	6.0	7.1	4.4
Black and other										
Males, 16 years and over	3.8	7.3	7.1	7.5	6.5	8.9	4.8	3.4	4.6	8.2
16 to 19 years	.2	.2	.2	.1	.2	.2	.7	.1	.3	.2
20 years and over	3.6	7.1	6.9	7.4	6.2	8.8	4.1	3.3	4.3	8.0
20 to 24 years	.6	.9	.9	1.0	.9	.9	.8	.6	.7	.6
25 years and over	3.1	6.1	6.0	6.4	5.4	7.8	3.3	2.7	3.6	7.4
25 to 54 years	2.6	5.0	5.2	5.5	4.7	6.9	2.7	2.2	3.0	6.4
55 years and over	.5	1.1	.8	.9	.7	.9	.6	.5	.6	1.1
Females, 16 years and over	1.0	.5	4.2	3.0	6.1	3.5	3.8	6.0	8.3	7.3
16 to 19 years	--	--	.1	.1	.2	--	.5	.3	.3	.3
20 years and over	1.0	.4	4.1	2.9	5.9	3.5	3.2	5.7	7.9	7.0
20 to 24 years	.3	.1	.6	.4	1.0	.5	.8	1.5	.9	1.0
25 years and over	.6	.3	3.4	2.4	4.9	3.0	2.4	4.2	7.0	6.0
25 to 54 years	.6	.3	3.2	2.3	4.5	2.9	2.1	3.9	6.0	5.4
55 years and over	--	--	.3	.2	.4	.1	.3	.3	1.0	.6

[1] Excludes private households.

HOUSEHOLD DATA
ANNUAL AVERAGES

30. Employed persons by detailed industry, sex, and race

(Numbers in thousands)

Industry	1981		
	Total employed	Percent of total	
		Females	Black and other
Total, 16 years and over	98,313	42.9	11.2
Agriculture, forestry, and fisheries	3,458	19.8	7.3
Agricultural production	2,759	18.8	6.6
Agricultural services, except horticultural	267	43.4	6.7
Horticultural services	285	8.1	14.0
Forestry	85	28.2	7.1
Fisheries	61	4.9	11.5
Mining	1,079	15.1	4.7
Metal mining	127	9.4	3.1
Coal mining	231	5.6	3.9
Crude petroleum and natural gas extraction	609	21.2	4.9
Nonmetallic mining and quarrying, except fuel	111	8.1	7.2
Construction	5,907	8.2	7.7
General building contractors	1,480	7.1	7.4
General contractors, except building	1,032	9.2	9.6
Special trade contractors	2,893	7.8	6.9
Not specified construction	502	11.4	9.8
Manufacturing	21,460	31.6	11.3
Durable goods	12,973	25.6	10.5
Lumber and wood products, except furniture	663	12.7	15.4
Logging	169	4.7	18.9
Sawmills, planing mills, and mill work	358	12.8	14.0
Miscellaneous wood products	136	22.1	14.7
Furniture and fixtures	510	30.4	8.4
Stone, clay, and glass products	632	20.6	12.3
Glass and glass products	205	29.3	13.7
Cement, concrete, gypsum, and plaster products	210	9.0	13.8
Miscellaneous nonmetallic mineral and stone products	148	23.6	9.5
Primary metal industries	1,148	11.6	13.9
Blast furnaces, steelworks, rolling, and finishing mills	444	6.3	12.6
Other primary iron and steel industries	322	11.2	18.3
Primary aluminum industries	185	14.6	11.9
Other primary nonferrous industries	196	21.4	12.2
Fabricated metal products	1,423	22.2	8.1
Cutlery, hand tools and other hardware	167	36.5	9.6
Fabricated structural metal products	536	14.4	6.5
Screw machine products	93	32.3	5.4
Metal stamping	111	20.7	10.8
Miscellaneous fabricated metal products	515	24.3	8.7
Machinery, except electrical	2,818	21.4	7.3
Engines and turbines	132	17.4	6.8
Farm machinery and equipment	171	16.4	9.4
Construction and material handling machines	403	14.1	9.4
Metalworking machinery	367	19.1	3.8
Office and accounting machines	132	31.8	14.4
Electronic computing equipment	492	33.3	8.3
Machinery, except electrical, n.e.c.	1,121	19.4	6.4
Electrical machinery, equipment, and supplies	2,317	43.0	10.6
Household appliances	151	34.4	9.9
Radio, T.V., and communication equipment	596	41.8	12.6
Electrical machinery, equipment, and supplies, n.e.c.	1,563	44.3	9.9
Transportation equipment	2,107	17.1	13.1
Motor vehicles and motor vehicle equipment	1,015	14.8	14.2
Aircraft and parts	669	22.4	9.6
Ship and boat building and repairing	292	12.0	19.2
Mobile dwellings and campers	56	17.9	10.7
Professional and photographic equipment, and watches	609	41.5	8.2
Scientific and controlling instruments	201	37.3	6.5
Optical and health services supplies	240	51.7	6.3
Photographic equipment and supplies	144	30.6	10.4
Ordnance	248	24.2	8.1
Miscellaneous manufacturing industries	499	45.5	11.4
Nondurable goods industries	8,486	40.9	12.6
Food and kindred products	1,745	29.2	13.2
Meat products	356	31.7	14.6
Dairy products	187	19.3	5.9
Canning and preserving fruits, vegetables, and seafood	255	43.1	12.9
Grain mill products	146	21.9	10.3
Bakery products	288	26.0	14.9
Confectionery and related products	64	50.0	17.2
Beverage industries	240	21.3	11.3
Miscellaneous food preparation and kindred products	209	28.2	18.7

Industry	1981		
	Total employed	Percent of total	
		Females	Black and other
Nondurable goods industries—Continued			
Tobacco manufactures	67	31.3	28.4
Textile mill products	720	50.8	19.4
Knitting mills	187	72.2	19.3
Yarn, thread, and fabric mills	397	45.3	19.9
Miscellaneous textile mill products	57	38.6	22.8
Apparel and other fabricated textile products	1,224	77.9	18.2
Apparel and accessories	1,071	80.2	18.6
Miscellaneous fabricated textile products	152	61.8	15.8
Paper and allied products	723	22.7	9.7
Pulp, paper, and paperboard mills	309	13.9	9.1
Miscellaneous paper and pulp products	220	33.6	8.6
Paperboard containers and boxes	194	24.2	11.9
Printing, publishing, and allied industries	1,572	41.9	7.1
Newspaper publishing and printing	499	42.1	5.6
Printing, publishing, and allied industries, except newspapers	1,073	41.8	7.8
Chemicals and allied products	1,265	27.7	13.1
Industrial chemicals	463	17.9	12.1
Plastics, synthetics and resins, except fibers	84	20.2	9.5
Synthetic fibers	91	34.1	17.6
Drugs and medicines	219	40.6	11.4
Soaps and cosmetics	169	47.9	14.2
Paints, varnishes, and related products	75	18.7	14.7
Agricultural chemicals	64	17.2	21.9
Miscellaneous chemicals	99	24.2	12.1
Petroleum and coal products	227	19.8	10.6
Petroleum refining	194	19.6	10.3
Rubber and miscellaneous plastic products	657	35.0	8.5
Rubber products	255	30.6	9.8
Miscellaneous plastic products	401	37.9	7.7
Leather and leather products	256	63.3	7.4
Footwear, except rubber	188	66.5	4.8
Leather products, except footwear	51	64.7	11.8
Transportation, communications, and other public utilities	6,497	26.5	12.5
Transportation	3,630	21.0	12.5
Railroads and railway express service	540	7.2	9.6
Street railways and bus lines	553	40.0	21.3
Taxicab service	95	8.4	31.6
Trucking service	1,357	12.2	9.0
Warehousing and storage	143	25.2	11.2
Water transportation	193	13.0	17.1
Air transportation	539	29.3	11.7
Services incidental to transportation	190	57.9	8.4
Communications	1,471	47.2	12.8
Radio broadcasting and television	211	37.9	10.0
Telephone (wire and radio)	1,143	50.6	14.0
Telegraph and miscellaneous communications services	117	31.6	6.8
Utilities and sanitary services	1,397	18.6	12.1
Electric light and power	611	19.1	8.8
Electric-gas utilities	178	20.8	11.2
Gas and steam supply systems	176	22.2	7.4
Water supply	176	21.0	12.5
Sanitary services	226	8.8	25.2
Wholesale and retail trade	20,048	47.0	8.5
Wholesale trade	3,920	25.8	7.4
Motor vehicles and equipment	244	23.8	5.7
Drugs, chemicals, and allied products	190	31.1	7.9
Dry goods and apparel	109	40.4	6.4
Food and related products	605	24.0	10.9
Farm products—raw materials	123	22.8	4.9
Electrical goods	230	30.0	6.1
Hardware, plumbing, and heating supplies	151	22.5	3.3
Machinery, equipment and supplies	898	25.2	4.6
Metals and minerals, n.e.c.	111	18.9	8.1
Petroleum products	177	24.9	4.5
Scrap and waste materials	133	9.0	15.0
Alcoholic beverages	129	14.7	10.1
Paper and its products	96	27.1	8.3
Lumber and construction materials	156	20.5	7.7
Wholesalers, n.e.c.	557	33.9	9.0
Retail trade	16,129	52.1	8.8
Lumber and building material retailing	420	24.3	6.0
Hardware and farm equipment stores	288	29.5	3.1
Department and mail order establishments	2,060	70.7	11.2

30. Employed persons by detailed industry, sex, and race—Continued

(Numbers in thousands)

Industry	1981		
	Total employed	Percent of total	
		Females	Black and other
Wholesale and retail trade—Continued			
Retail trade—Continued			
Limited price variety stores	148	77.0	10.1
Vending machine operators	82	40.2	9.8
Direct selling establishments	322	78.0	6.2
Miscellaneous general merchandise stores	193	74.1	12.4
Grocery stores	2,235	46.7	9.1
Dairy products stores	49	61.2	2.0
Retail bakeries	141	63.8	6.4
Food stores, n.e.c.	164	52.4	8.5
Motor vehicle dealers	800	15.4	3.6
Tire, battery, and accessory dealers	321	18.4	6.5
Gasoline service stations	585	14.7	6.2
Miscellaneous vehicle dealers	99	22.2	3.0
Apparel and accessory stores, except shoe stores	675	77.3	8.3
Shoe stores	142	46.5	12.0
Furniture and home furnishings stores	456	35.3	7.5
Household appliances, T.V., and radio stores	295	29.2	4.1
Eating and drinking places	4,469	59.8	10.8
Drug stores	457	62.6	7.2
Liquor stores	158	32.9	13.9
Farm and garden supply stores	148	27.0	6.8
Jewelry stores	155	58.7	7.7
Fuel and ice dealers	98	24.5	2.0
Retail florists	146	74.0	8.9
Miscellaneous retail stores	1,005	56.9	5.8
Finance, insurance, and real estate	5,997	58.5	9.4
Banking	1,721	73.1	12.1
Credit agencies	538	67.4	6.5
Security, commodity brokerage, and investment companies	377	36.3	6.1
Insurance	1,894	55.7	9.4
Real estate, including real estate-insurance-law offices	1,447	46.9	8.3
Service industries	28,740	61.0	13.6
Business and repair services	4,044	32.6	10.1
Advertising	207	48.3	6.8
Services to dwellings and other buildings	365	37.5	23.3
Commercial research, development, and testing labs	171	27.5	9.4
Employment and temporary help agencies	221	73.3	10.9
Business management and consulting services	343	52.2	5.8
Computer programming services	222	38.3	8.6
Detective and protective services	237	18.6	21.5
Business services, n.e.c.	699	50.4	7.7
Service industries—Continued			
Business and repair services—Continued			
Automobile services, except repair	227	26.0	14.1
Automobile repair and related services	734	8.3	7.4
Electrical repair shops	146	15.8	8.9
Miscellaneous repair services	470	15.1	5.7
Personal services	3,810	72.7	19.7
Private households	1,248	94.8	29.8
Hotels and motels	779	58.9	21.3
Lodging places, except hotels and motels	374	81.3	6.7
Laundering, cleaning, and other garment services	407	58.7	21.9
Beauty shops	571	89.1	9.3
Barber shops	104	18.3	13.5
Dressmaking shops	46	95.7	13.0
Miscellaneous personal services	258	51.6	7.8
Entertainment and recreation services	1,076	39.5	8.6
Theaters and motion pictures	358	33.8	8.1
Bowling alleys, billiard and pool parlors	86	43.0	5.8
Miscellaneous entertainment and recreation services	632	42.2	9.3
Professional and related services	19,810	65.7	13.4
Offices of physicians	789	67.6	5.3
Offices of dentists	415	70.4	4.1
Hospitals	4,095	76.6	18.8
Convalescent institutions	1,216	87.0	18.8
Offices of health practitioners, n.e.c.	82	54.9	3.7
Health services, n.e.c.	864	72.7	19.3
Legal services	796	51.0	4.8
Elementary and secondary schools	5,354	70.8	12.8
Colleges and universities	2,104	50.0	11.6
Libraries	136	80.9	11.8
Educational services, n.e.c.	271	64.6	10.7
Museums, art galleries, and zoos	73	52.1	6.8
Religious organizations	629	40.5	8.4
Welfare services	848	71.3	23.8
Residential welfare facilities	124	65.3	18.5
Nonprofit membership organizations	471	55.6	9.8
Engineering and architectural services	616	19.8	6.7
Accounting, auditing, and bookkeeping services	478	47.5	4.8
Miscellaneous professional and related services	406	45.3	6.7
Public administration	5,128	36.0	15.5
Postal service	672	26.6	21.9
Federal public administration	1,591	39.3	19.2
State public administration	961	39.5	10.3
Local public administration	1,904	34.6	17.9

NOTE: N.E.C. is an abbreviation for "not elsewhere classified" and designates broad categories of industries which cannot be more specifically identified.

31. Employed persons with a job but not at work by reason, sex, and pay status

[In thousands]

Reason not working and sex	All industries		Nonagricultural industries					
			Total		Wage and salary workers[1]			
					Paid absences[2]		Unpaid absences[2]	
	1980	1981	1980	1981	1980	1981	1980	1981
Total, 16 years and over	5,785	5,691	5,635	5,557	2,862	2,888	2,195	2,101
Vacation	3,268	3,194	3,226	3,151	2,153	2,103	860	882
Illness	1,404	1,391	1,370	1,358	528	574	720	664
Bad weather	153	110	118	87	---	---	---	---
Industrial dispute	104	63	104	63	---	---	---	---
All other reasons	856	933	817	897	181	210	615	595
Males, 16 years and over	3,357	2,911	2,930	2,800	1,618	1,604	965	853
Vacation	1,642	1,570	1,608	1,536	1,213	1,166	275	253
Illness	775	763	747	736	308	333	369	334
All other reasons[3]	638	578	575	527	98	105	321	266
Females, 16 years and over	2,728	2,780	2,706	2,757	2,474	1,286	1,230	1,249
Vacation	1,626	1,624	1,618	1,615	940	938	586	589
Illness	628	628	623	622	220	241	351	332
All other reasons[3]	474	528	464	521	83	107	293	329

[1] Excludes private household workers.

[2] Pay status not available separately for bad weather and industrial dispute; these categories are included in "all other reasons."

[3] Includes bad weather and industrial dispute, not shown separately.

NOTE: Estimates for "all other reasons" by pay status may be biased because of high response variance; data should be used with caution.

32. Persons at work by hours of work and industry

Hours of work	1981					
	Thousands of persons			Percent distribution		
	All industries	Nonagricultural industries	Agriculture	All industries	Nonagricultural industries	Agriculture
Total, 16 years and over	92,622	89,445	3,177	100.0	100.0	100.0
1-34 hours	26,012	25,072	941	28.1	28.0	29.6
1-4 hours	784	738	47	.8	.8	1.5
5-14 hours	4,163	3,960	203	4.5	4.4	6.4
15-29 hours	11,669	11,195	474	12.6	12.5	14.9
30-34 hours	9,396	9,179	217	10.1	10.3	6.8
35 hours and over	66,610	64,373	2,237	71.9	72.0	70.4
35-39 hours	6,532	6,380	152	7.1	7.1	4.8
40 hours	37,798	37,254	544	40.8	41.7	17.1
41 hours and over	22,280	20,739	1,541	24.1	23.2	48.5
41 to 48 hours	8,631	8,391	240	9.3	9.4	7.6
49 to 59 hours	7,692	7,277	415	8.3	8.1	13.1
60 hours and over	5,957	5,071	886	6.4	5.7	27.9
Average hours, total at work	38.1	37.8	44.9	---	---	---
Average hours, workers on full-time schedules	42.4	42.0	52.9	---	---	---

33. Persons at work 1 to 34 hours by reason for working less than 35 hours and usual status

[Numbers in thousands]

Reason for working less than 35 hours	1981					
	All industries			Nonagricultural industries		
	Total	Usually work full time	Usually work part time	Total	Usually work full time	Usually work part time
Total, 16 years and over	26,012	10,393	15,619	25,072	10,050	15,022
Economic reasons	4,658	1,834	2,824	4,397	1,692	2,705
Slack work	2,386	1,491	895	2,197	1,360	837
Material shortages or repairs to plant and equipment	63	63	--	60	60	--
New job started during week	189	189	--	184	184	--
Job terminated during week	91	91	--	88	88	--
Could find only part-time work	1,928	--	1,928	1,868	--	1,868
Other reasons	21,354	8,559	12,795	20,675	8,359	12,316
Does not want, or unavailable for, full-time work	10,708	--	10,708	10,333	--	10,333
Vacation	1,180	1,180	--	1,161	1,161	--
Illness	1,727	1,556	171	1,680	1,527	153
Bad weather	442	442	--	355	355	--
Industrial dispute	28	28	--	28	28	--
Legal or religious holiday	3,962	3,962	--	3,945	3,945	--
Full time for this job	1,393	--	1,393	1,351	--	1,351
All other reasons	1,915	1,392	523	1,821	1,342	479
Average hours						
Economic reasons	21.7	24.0	20.2	21.8	24.1	20.3
Other reasons	22.5	28.1	18.8	22.7	28.2	18.9
Worked 30 to 34 hours						
Economic reasons	1,433	787	646	1,363	737	626
Other reasons	7,963	5,765	2,198	7,816	5,685	2,131

34. Nonagricultural workers by industry and full- or part-time status

[Numbers in thousands]

Industry	1981								
	Total at work	Full- or part-time status						Average hours, total at work	Average hours, workers on full-time schedules
		On part time for economic reasons	On voluntary part time	On full-time schedules					
				Total	40 hours or less	41 to 48 hours	49 hours or more		
Total, 16 years and over[1]	89,445	4,397	12,316	72,732	51,993	8,391	12,348	37.8	42.8
Wage and salary workers	82,636	3,866	11,077	67,693	49,665	7,843	10,185	37.6	41.6
Construction	4,512	361	191	3,960	2,994	383	583	38.5	41.1
Manufacturing	19,969	652	620	18,697	13,970	2,475	2,252	40.0	41.2
Durable goods	12,057	263	258	11,536	8,668	1,499	1,369	40.4	41.2
Nondurable goods	7,912	390	361	7,161	5,301	976	884	39.4	41.2
Transportation and public utilities	5,782	186	362	5,234	3,791	594	849	40.1	42.2
Wholesale and retail trade	17,254	1,246	4,244	11,764	7,700	1,767	2,297	35.6	42.8
Finance, insurance, and real estate	5,283	109	510	4,664	3,636	432	596	38.2	40.5
Service industries	28,014	1,219	4,866	17,929	13,465	1,645	2,819	35.6	41.3
Private households	1,130	211	566	353	246	28	79	23.8	43.7
All other industries	22,884	1,008	4,300	17,576	13,219	1,617	2,740	36.2	41.3
Public administration	4,855	74	265	4,516	3,577	418	521	39.1	40.6
Self-employed workers	6,428	517	1,089	4,822	2,209	526	2,087	40.5	48.0
Unpaid family workers	381	15	150	216	119	22	75	35.8	46.2

[1] Includes mining, not shown separately.

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35. Persons at work in nonagricultural industries by sex, age, race, marital status, and full- or part-time status

[Numbers in thousands]

Sex, age, race, and marital status	1981							
	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules			Average hours, total at work	Average hours, workers on full-time schedules
				Total	35 hours or less	41 hours or more		
TOTAL								
Both sexes, 16 years and over	89,445	4,397	12,316	72,732	51,993	20,739	37.8	42.8
16 to 21 years	11,325	1,132	4,045	6,148	4,885	1,263	30.1	40.4
16 to 19 years	6,503	719	3,149	2,635	2,124	511	26.5	40.1
16 to 17 years	2,510	248	1,818	444	374	70	20.0	38.8
18 to 19 years	3,993	471	1,331	2,191	1,751	440	30.7	40.4
20 years and over	82,941	3,679	9,167	70,095	49,867	20,228	38.7	42.1
20 to 24 years	12,681	894	1,738	10,049	7,689	2,360	36.8	41.0
25 years and over	70,260	2,785	7,428	60,047	42,180	17,867	39.0	42.3
25 to 44 years	43,306	1,739	3,854	37,713	26,149	11,564	39.6	42.4
45 to 64 years	24,577	948	2,423	21,206	15,223	5,983	39.2	42.1
65 years and over	2,377	99	1,151	1,127	806	321	28.9	42.0
Males, 16 years and over	50,714	2,024	3,638	45,052	29,202	15,850	40.7	43.4
16 to 21 years	5,799	548	1,849	3,402	2,518	884	31.7	41.3
16 to 19 years	3,313	351	1,484	1,478	1,126	352	27.9	40.9
16 to 17 years	1,283	130	879	274	223	51	21.1	39.3
18 to 19 years	2,030	222	606	1,202	900	302	32.3	41.3
20 years and over	47,401	1,671	2,153	43,577	28,079	15,498	41.6	43.5
20 to 24 years	6,631	435	669	5,527	3,860	1,667	38.7	42.3
25 years and over	40,770	1,238	1,485	38,047	24,216	13,831	42.1	43.6
25 to 44 years	24,900	780	474	23,646	14,702	8,944	42.8	43.9
45 to 64 years	14,476	405	396	13,675	9,017	4,658	42.0	43.3
65 years and over	1,395	51	615	729	501	228	30.3	42.2
Females, 16 years and over	38,730	2,375	8,678	27,677	22,788	4,889	34.0	39.8
16 to 21 years	5,526	585	2,196	2,745	2,366	379	28.6	39.1
16 to 19 years	3,190	368	1,665	1,157	998	159	25.1	39.1
16 to 17 years	1,227	118	940	169	149	20	18.8	38.0
18 to 19 years	1,963	250	725	988	848	140	29.0	39.2
20 years and over	35,540	2,007	7,014	26,519	21,790	4,729	34.8	39.8
20 to 24 years	6,050	459	1,069	4,522	3,828	694	34.7	39.5
25 years and over	29,490	1,547	5,945	21,998	17,961	4,037	34.9	39.9
25 to 44 years	18,406	957	3,381	14,068	11,448	2,620	35.3	39.8
45 to 64 years	10,101	542	2,027	7,532	6,210	1,322	35.0	39.9
65 years and over	983	49	537	397	304	93	26.8	41.6
RACE								
White, 16 years and over	79,381	3,672	11,295	64,414	45,074	19,340	38.0	42.2
Males	45,548	1,715	3,299	40,534	25,649	14,885	41.0	43.6
Females	33,833	1,957	7,997	23,879	19,425	4,454	33.9	39.9
Black and other, 16 years and over	10,063	726	1,021	8,316	6,917	1,399	36.1	40.4
Males	5,166	307	339	4,520	3,555	965	38.7	41.9
Females	4,898	418	682	3,798	3,364	434	35.0	39.3
MARITAL STATUS								
Males, 16 years and over								
Married, spouse present	34,376	924	1,136	32,316	20,308	12,008	42.4	43.7
Widowed, divorced, or separated	4,399	210	202	3,987	2,591	1,396	41.4	43.6
Single (never married)	11,940	889	2,300	8,751	6,305	2,446	35.8	42.0
Females, 16 years and over								
Married, spouse present	21,223	1,108	5,117	14,998	12,534	2,464	33.8	39.5
Widowed, divorced, or separated	7,655	498	1,031	6,126	4,863	1,263	36.5	40.4
Single (never married)	9,853	769	2,530	6,554	5,393	1,161	32.4	39.8

38. Persons at work in nonfarm occupations by sex and full- or part-time status

(Number in thousands)

Occupation and sex	1981								
	Total at work	On part time for economic reasons	On noneconomic part time	On full time schedules				Average hours, total at work	Average hours, workers on full time schedules
				Total	40 hours or less	41 to 48 hours	49 hours or more		
Total, 16 years and over	90,013	4,453	12,416	73,144	52,236	8,444	12,464	37.9	42.1
White-collar workers	48,798	1,413	6,745	40,640	28,356	4,398	7,886	38.5	42.3
Professional and technical	14,818	314	1,662	12,842	8,854	1,397	2,591	39.2	42.3
Managers and administrators, except farm	10,751	153	520	10,078	5,317	1,326	3,435	44.3	45.8
Sales workers	5,965	327	1,436	4,202	2,612	521	1,069	36.2	43.5
Clerical workers	17,265	619	3,126	13,520	11,573	1,155	792	35.0	39.2
Blue-collar workers	28,815	1,803	1,893	25,119	18,210	3,323	3,586	39.1	41.8
Craft and kindred workers	11,701	562	415	10,724	7,484	1,514	1,726	40.4	42.1
Operatives, except transport	9,711	604	501	8,606	6,695	1,069	842	38.8	40.8
Transport equipment operatives	3,174	203	266	2,705	1,606	396	703	41.0	44.7
Nonfarm laborers	4,229	434	712	3,083	2,423	345	315	36.7	40.6
Service workers	12,400	1,237	3,778	7,385	5,670	723	992	32.4	41.6
Private household workers	979	160	491	328	230	27	71	23.9	43.2
Other service workers	11,421	1,076	3,287	7,058	5,442	696	920	33.2	41.5
Males, 16 years and over	51,119	2,064	3,687	45,368	29,384	5,932	10,052	40.7	43.4
White-collar workers	22,910	613	1,390	21,107	12,336	2,644	6,127	42.6	44.6
Professional and technical	8,379	124	454	7,801	4,930	871	2,000	42.0	43.8
Managers and administrators, except farm	7,830	104	212	7,514	3,615	997	2,902	45.7	46.8
Sales workers	3,306	93	343	2,870	1,565	405	900	41.5	44.9
Clerical workers	3,394	93	380	2,921	2,225	371	325	37.9	40.9
Blue-collar workers	23,477	1,330	1,307	20,840	14,618	2,888	3,334	39.8	42.2
Craft and kindred workers	10,966	516	319	10,131	7,030	1,438	1,663	40.6	42.2
Operatives, except transport	5,862	251	236	5,375	3,922	754	699	40.2	41.8
Transport equipment operatives	2,905	176	156	2,573	1,508	383	682	42.0	44.8
Nonfarm laborers	3,744	385	597	2,762	2,160	313	289	34.9	40.7
Service workers	4,732	321	990	3,421	2,430	400	591	36.3	43.0
Private household workers	36	4	17	15	10	1	4	26.5	44.7
Other service workers	4,697	318	972	3,407	2,418	400	589	36.4	43.0
Females, 16 years and over	38,894	2,389	8,729	27,776	22,854	2,511	2,411	34.0	39.8
White-collar workers	25,888	1,000	5,355	19,533	16,021	1,753	1,759	34.8	39.7
Professional and technical	6,438	191	1,208	5,039	3,922	526	591	35.5	40.1
Managers and administrators, except farm	2,921	48	308	2,565	1,702	329	534	40.3	43.0
Sales workers	2,659	234	1,093	1,332	1,049	115	168	29.6	40.3
Clerical workers	13,870	526	2,746	10,598	9,347	784	467	34.3	38.7
Blue-collar workers	5,338	474	586	4,278	3,591	435	252	36.0	39.5
Craft and kindred workers	734	46	96	592	454	76	62	36.8	40.6
Operatives, except transport	3,849	353	265	3,231	2,774	314	143	36.6	39.2
Transport equipment operatives	269	26	110	133	99	13	21	38.1	41.2
Nonfarm laborers	486	48	115	323	265	32	26	33.2	39.9
Service workers	7,668	915	2,788	3,965	3,242	323	400	30.0	40.4
Private household workers	943	156	473	314	220	26	68	23.8	43.1
Other service workers	6,725	759	2,315	3,651	3,021	297	333	30.9	40.2

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37. Employment status of 14- and 15-year-olds by sex and race

[Numbers in thousands]

Employment status	1981								
	Total			White			Black and other		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Civilian noninstitutional population	7,278	3,702	3,576	6,028	3,074	2,953	1,250	628	622
Civilian labor force	1,274	703	571	1,164	645	520	110	59	51
Employed	1,063	578	486	1,002	545	457	61	33	29
Agriculture	119	98	21	115	95	20	4	4	1
Nonagricultural industries	944	480	464	887	450	437	57	29	28
Unemployed	210	125	85	162	100	63	48	26	22
Unemployment rate	16.5	17.8	14.9	13.9	15.5	12.1	43.6	44.1	43.1
Not in labor force	6,004	2,999	3,005	4,863	2,430	2,434	1,141	569	571
Keeping house	90	8	82	71	7	64	20	1	18
Going to school	4,725	2,398	2,327	3,820	1,943	1,877	904	455	450
Unable to work	6	4	2	4	2	2	3	2	1
All other reasons	1,183	588	594	969	477	491	214	111	103

38. Employed 14- and 15-year-olds by class of worker, occupation, and sex

Class of worker and occupation	1981					
	Thousands of persons			Percent distribution		
	Both sexes	Males	Females	Both sexes	Males	Females
CLASS OF WORKER						
Total	1,063	578	486	100.0	100.0	100.0
Nonagricultural industries	944	480	464	104.0	134.8	84.1
Wage and salary workers	855	413	442	94.2	116.0	80.1
Private household workers	328	84	245	36.1	23.6	44.4
Government workers	43	25	18	4.7	7.0	3.3
Other wage and salary workers	328	84	245	36.1	23.6	44.4
Self-employed workers	75	55	19	8.3	15.4	3.4
Unpaid family workers	15	11	4	1.7	3.1	.7
Agriculture	119	98	21	13.1	27.5	3.8
Wage and salary workers	66	54	12	7.3	15.2	2.2
Self-employed workers	18	16	2	2.0	4.5	.4
Unpaid family workers	35	27	7	3.9	7.6	1.3
OCCUPATION						
Total	1,063	578	486	100.0	100.0	100.0
White-collar workers	282	185	97	26.6	32.0	20.0
Professional and technical	14	8	6	1.3	1.4	1.2
Managers and administrators, except farm	4	4	1	.4	.7	.2
Sales workers	206	156	50	19.4	26.9	10.3
Clerical workers	58	18	41	5.5	3.1	8.4
Blue-collar workers	207	185	22	19.5	32.0	4.5
Craft and kindred workers	14	12	3	1.3	2.1	.6
Operatives, except transport	28	21	7	2.6	3.6	1.4
Transport equipment operatives	3	2	1	.3	.3	.2
Nonfarm laborers	161	150	11	15.2	25.9	2.3
Service workers	479	130	348	45.1	22.5	71.6
Private household workers	262	19	243	24.7	3.3	50.0
Other service workers	217	112	105	20.4	19.3	21.6
Farm workers	95	78	18	8.9	13.5	3.7
Farmers and farm managers	4	3	1	.4	.5	.2
Farm laborers and supervisors	91	74	17	8.6	12.8	3.5

39. Persons not in labor force by reason, sex, and age

(In thousands)

Reason and sex	Total		Age in years							
			16 to 19 years		20 to 24 years		25 to 59 years		60 years and over	
	1980	1981	1980	1981	1980	1981	1980	1981	1980	1981
TOTAL										
Total not in labor force	59,425	60,043	7,000	7,057	4,534	4,538	21,808	21,604	26,082	26,845
Do not want a job now	53,893	54,353	5,550	5,561	3,610	3,582	19,185	18,910	25,546	26,302
Current activity:										
Going to school	6,156	6,230	4,105	4,118	1,458	1,475	576	626	15	12
Ill, disabled	4,375	4,184	32	35	107	114	1,160	1,992	2,076	2,044
Keeping house	28,643	28,130	527	466	1,581	1,528	14,181	13,845	12,352	12,291
Retired	10,738	11,589	--	--	--	--	234	253	10,505	11,335
Other	3,981	4,220	886	942	464	465	2,034	2,194	598	620
Want a job now	5,531	5,689	1,450	1,496	922	955	2,621	2,697	537	543
Reason not looking:										
School attendance	1,465	1,511	1,005	1,039	273	281	182	187	6	4
Ill, health, disability	740	754	28	26	55	64	502	500	155	164
Home responsibilities	1,237	1,249	84	74	266	265	849	877	38	34
Think cannot get job	970	1,080	171	186	148	159	475	555	176	181
Job-market factors	648	791	106	132	115	131	354	439	74	88
Personal factors	322	289	67	55	33	29	121	115	103	92
Other reasons[1]	1,119	1,095	162	170	180	186	613	578	162	160
Males										
Total not in labor force	17,554	18,136	3,181	3,232	1,347	1,397	3,296	3,410	9,731	10,097
Do not want a job now	15,781	16,275	2,495	2,505	1,060	1,098	2,761	2,839	9,465	9,834
Current activity:										
Going to school	3,062	3,079	2,031	2,001	767	784	259	290	6	3
Ill, disabled	2,354	2,235	17	19	51	62	1,193	1,115	1,093	1,041
Keeping house	297	278	8	12	6	5	74	90	207	170
Retired	7,919	8,380	--	--	--	--	195	212	7,725	8,168
Other	2,149	2,303	439	473	236	247	1,040	1,132	434	452
Want a job now	1,773	1,861	686	727	287	301	537	571	264	264
Reason not looking:										
School attendance	729	752	517	535	139	142	73	74	--	2
Ill, health, disability	325	354	13	13	28	35	205	220	80	85
Think cannot get job	351	391	86	103	55	59	118	139	93	91
Other reasons[1]	368	364	70	76	65	65	141	138	91	86
Females										
Total not in labor force	41,871	41,907	3,819	3,824	3,187	3,141	18,512	18,193	16,353	16,748
Do not want a job now	38,112	38,078	3,054	3,053	2,552	2,485	16,426	16,069	16,081	16,467
Current activity:										
Going to school	3,094	3,151	2,074	2,115	692	692	318	333	11	8
Ill, disabled	2,021	1,948	16	15	56	53	968	879	983	1,002
Keeping house	28,346	27,852	518	454	1,576	1,522	14,106	13,753	12,144	12,121
Retired	2,819	3,210	--	--	--	--	39	43	2,780	3,168
Other	1,832	1,917	446	469	228	218	995	1,061	163	168
Want a job now	3,759	3,828	765	770	635	656	2,087	2,125	272	282
Reason not looking:										
School attendance	736	759	488	504	134	139	109	114	5	3
Ill, health, disability	415	400	15	13	27	29	297	279	75	80
Home responsibilities	1,237	1,249	84	74	266	265	849	877	38	34
Think cannot get job	620	689	86	83	93	102	358	415	83	90
Other reasons	751	731	92	96	115	121	474	440	71	75

[1] Includes small number of men not looking for work because of "home responsibilities."

NOTE: Detail in tables 39, 40, and 42 may not add to not-in-labor-force totals because of differences in the weighting patterns used in aggregating these data.

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40. Persons not in labor force by reason, race, age, and sex

(In thousands)

Reason and race	Total		Age						Sex			
			16 to 24 years		25 to 59 years		60 years and over		Males		Females	
	1980	1981	1980	1981	1980	1981	1980	1981	1980	1981	1980	1981
WHITE												
Total not in labor force	51,486	51,793	9,079	9,054	18,871	18,529	23,535	24,211	14,868	15,284	36,618	36,509
Do not want a job now	47,337	47,607	7,368	7,318	16,881	16,520	23,087	23,771	13,544	13,939	33,793	33,668
Current activity												
Going to school	4,906	4,929	4,428	4,448	465	475	14	7	2,468	2,469	2,438	2,460
Ill, disabled	3,504	3,362	109	109	1,697	1,566	1,697	1,689	1,915	1,810	1,589	1,552
Keeping house	25,975	25,445	1,788	1,696	12,838	12,436	11,349	11,317	242	226	25,733	25,219
Retired	9,709	10,435	—	—	211	232	9,496	10,202	7,184	7,589	2,525	2,846
Other	3,243	3,436	1,042	1,067	1,672	1,811	531	558	1,735	1,845	1,508	1,591
Want a job now	4,149	4,187	1,712	1,737	1,988	2,010	447	438	1,324	1,346	2,825	2,841
Reason not looking												
School attendance	1,070	1,069	946	947	121	118	3	4	545	534	525	535
Ill health, disability	527	532	61	69	348	345	119	118	236	256	291	276
Home responsibilities	976	940	255	229	688	684	33	27	—	—	976	940
Think cannot get job	663	740	185	214	329	384	149	141	238	258	425	482
Other reasons [1]	913	906	265	278	502	479	143	148	305	298	608	608
BLACK AND OTHER												
Total not in labor force	7,939	8,250	2,455	2,542	2,936	3,075	2,548	2,634	2,686	2,852	5,253	5,398
Do not want a job now	6,555	6,747	1,784	1,824	2,297	2,390	2,458	2,529	2,237	2,337	4,318	4,410
Current activity												
Going to school	1,249	1,302	1,135	1,165	110	131	3	6	594	611	655	691
Ill, disabled	871	821	29	38	460	428	379	355	439	425	432	396
Keeping house	2,668	2,684	321	300	1,344	1,408	1,003	975	55	52	2,613	2,632
Retired	1,029	1,155	—	—	22	22	1,007	1,133	735	791	294	364
Other	738	785	309	341	361	381	66	62	414	458	324	327
Want a job now	1,384	1,503	660	716	639	684	90	102	449	515	935	988
Reason not looking												
School attendance	396	441	333	373	62	69	2	—	184	217	212	224
Ill health, disability	213	222	22	22	157	153	36	46	89	98	124	124
Home responsibilities	261	310	95	109	159	193	6	6	—	—	261	310
Think cannot get job	307	340	133	132	147	171	28	39	112	133	195	207
Other reasons [1]	207	190	77	80	114	98	18	11	64	67	143	123

[1] Includes small number of men not looking for work because of "home responsibilities."

41. Persons not in labor force who desire work but think they cannot get jobs by reason, sex, age, and race

(In thousands)

Reason and sex	1981						
	Total	Age				Race	
		16 to 19 years	20 to 24 years	25 to 59 years	60 years and over	White	Black and other
TOTAL							
Personal factors							
Employers think too young or old	126	24	—	21	81	108	19
Lacks education or training	93	19	16	56	4	65	28
Other personal handicap	70	12	13	38	7	54	16
Job-market factors							
Could not find job	461	83	90	236	41	268	193
Thinks no job available	330	39	41	203	47	246	85
Males							
Personal factors							
Employers think too young or old	63	13	—	7	40	52	12
Lacks education or training	25	10	7	8	2	15	10
Other personal handicap	25	5	4	12	4	19	5
Job-market factors							
Could not find job	179	54	34	73	19	98	82
Thinks no job available	99	21	13	39	25	74	25
Females							
Personal factors							
Employers think too young or old	63	8	—	14	41	56	7
Lacks education or training	68	10	8	48	2	50	18
Other personal handicap	46	7	10	27	3	35	11
Job-market factors							
Could not find job	281	40	56	164	22	170	111
Thinks no job available	232	18	27	164	23	172	60

42. Most recent work experience of persons not in labor force and reason for leaving last job for those who worked during the previous 12 months by sex, age, and race

(Numbers in thousands)

Most recent work experience, reason for leaving last job, and sex	Total		Age						Race			
			16 to 24 years		25 to 59 years		60 years and over		White		Black and other	
	1980	1981	1980	1981	1980	1981	1980	1981	1980	1981	1980	1981
Total, not in labor force	59,405	60,043	11,534	11,595	21,608	21,604	26,082	26,845	51,486	51,793	7,939	8,250
Never worked	9,255	9,373	4,651	4,899	2,161	2,150	2,443	2,345	7,322	7,360	1,932	2,014
Last worked over 5 years ago	29,761	30,399	315	294	10,875	10,692	18,572	19,412	26,433	26,924	3,328	3,473
Last worked 1 to 5 years ago	10,288	10,587	1,650	1,843	4,934	5,143	3,685	3,601	8,985	9,133	1,303	1,455
Left job during previous 12 months	10,118	9,681	4,918	4,558	3,816	3,637	1,383	1,486	8,743	8,373	1,375	1,308
Percent distribution by reason	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
School, home responsibilities	44.5	42.3	61.4	59.5	36.8	35.8	5.8	5.7	46.0	43.7	35.1	36.0
Ill health, disability	8.2	7.8	1.8	1.9	14.1	12.2	14.4	14.9	7.5	7.3	12.6	10.8
Retirement, old age	8.4	9.1	--	--	3.7	3.5	50.8	50.9	8.9	9.9	4.7	4.4
Economic reasons	21.0	22.8	18.2	20.3	24.8	27.0	20.5	20.2	20.3	21.8	25.5	29.6
End of seasonal job	8.3	8.8	8.9	9.0	7.8	9.2	7.7	7.1	8.0	8.3	10.5	12.2
Slack work	6.7	7.5	4.8	5.8	9.6	10.2	5.8	6.2	7.9	7.0	8.5	10.9
End of temporary job	6.0	6.5	4.7	5.4	7.4	7.7	7.0	6.9	6.1	6.5	6.5	6.5
All other reasons	17.9	17.9	18.5	18.3	20.6	21.4	8.9	8.4	17.3	17.7	23.1	19.3
Males, not in labor force	17,554	18,136	4,528	4,629	3,296	3,410	9,731	10,097	14,868	15,284	2,686	2,852
Never worked	2,164	2,297	1,895	1,988	225	263	45	46	1,513	1,620	651	677
Last worked over 5 years ago	6,132	6,482	42	45	1,326	1,352	6,763	7,085	7,068	7,367	1,063	1,115
Last worked 1 to 5 years ago	3,493	3,601	396	506	959	996	2,108	2,099	3,022	3,080	471	521
Left job during previous 12 months	3,763	3,755	2,192	2,091	757	800	815	866	3,263	3,217	500	539
Percent distribution by reason	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
School, home responsibilities	38.3	36.2	59.5	57.2	15.7	17.1	2.5	3.1	39.1	37.2	33.2	30.7
Ill health, disability	9.7	9.9	1.7	2.2	27.7	25.1	14.2	14.3	9.4	9.4	11.6	12.8
Retirement, old age	14.8	15.9	--	--	11.5	10.6	57.5	59.1	15.7	17.5	8.8	6.7
Economic reasons	19.9	21.1	19.3	21.6	21.9	23.8	19.5	17.4	19.0	19.7	25.8	29.4
End of seasonal job	8.6	8.9	9.8	10.3	6.6	6.8	8.3	7.4	8.6	8.3	10.8	12.1
Slack work	6.1	6.8	4.4	5.6	11.6	12.3	5.4	4.6	5.6	6.2	8.8	10.8
End of temporary job	5.0	5.4	5.2	5.6	3.8	4.8	5.8	5.4	4.8	5.2	6.4	6.5
All other reasons	17.3	16.9	19.4	18.9	23.2	23.4	6.3	6.0	16.8	16.3	20.6	20.4
Females, not in labor force	41,871	41,907	7,006	6,965	18,312	18,193	16,353	16,748	36,618	36,509	5,253	5,398
Never worked	7,090	7,077	2,756	2,911	1,938	1,888	2,398	2,300	5,809	5,740	1,281	1,337
Last worked over 5 years ago	23,629	23,917	273	249	9,547	9,340	11,809	12,326	19,365	19,559	2,265	2,358
Last worked 1 to 5 years ago	6,795	6,987	1,253	1,338	3,967	4,147	1,575	1,502	5,963	6,053	832	934
Left job during previous 12 months	6,354	5,926	2,725	2,467	3,061	2,838	569	621	5,450	5,136	875	769
Percent distribution by reason	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
School, home responsibilities	48.2	46.2	62.9	61.4	42.0	41.0	10.5	9.2	50.1	47.2	36.2	39.7
Ill health, disability	7.3	8.4	1.8	1.7	10.6	8.6	14.6	15.6	6.3	6.0	13.1	9.3
Retirement, old age	4.5	4.8	--	--	1.8	1.5	41.1	39.2	4.9	5.2	2.4	2.7
Economic reasons	21.7	23.9	17.4	19.1	29.5	28.1	21.8	24.2	21.1	23.1	25.1	29.8
End of seasonal job	8.0	8.8	8.1	8.0	8.2	9.9	6.7	6.9	7.6	8.3	10.4	12.3
Slack work	7.0	8.0	4.7	6.0	9.1	9.7	6.3	8.4	6.8	7.5	8.3	11.0
End of temporary job	6.7	7.2	4.4	5.2	8.3	8.5	8.8	8.9	6.7	7.3	5.8	6.5
All other reasons	18.3	18.6	17.8	17.8	20.0	20.8	11.6	11.8	17.6	18.6	23.0	18.4

43. Work-seeking intentions of persons not in labor force and work history of those who intend to seek work within the next 12 months by sex, age, and race

(In thousands)

Work seeking intentions, work history and sex	Total		Age						Race			
			16 to 24 years		25 to 59 years		60 years and over		White		Black and other	
	1980	1981	1980	1981	1980	1981	1980	1981	1980	1981	1980	1981
TOTAL												
Do not intend to seek work	49,944	50,624	6,210	6,265	18,214	18,034	25,519	26,304	43,894	44,358	6,050	6,266
Intend to seek work in the next 12 months	9,478	9,417	5,322	5,309	3,593	3,568	563	539	7,590	7,433	1,888	1,983
Never worked	1,601	1,716	1,442	1,571	151	137	7	8	1,128	1,221	473	495
Last worked over 5 years ago	1,147	1,036	55	56	914	835	178	146	887	780	255	254
Last worked 1 to 5 years ago	1,869	2,106	670	765	1,021	1,160	178	181	1,451	1,605	418	502
Worked during previous 12 months	4,865	4,558	3,255	2,916	1,504	1,437	206	205	4,125	3,827	741	732
Males												
Do not intend to seek work	14,208	14,741	2,149	2,242	2,611	2,684	9,447	9,815	12,154	12,596	2,054	2,143
Intend to seek work in the next 12 months	3,344	3,394	2,377	2,388	686	725	282	280	2,713	2,687	631	707
Never worked	657	706	630	682	25	23	--	1	463	501	193	205
Last worked over 5 years ago	177	158	10	9	97	95	70	54	125	107	52	51
Last worked 1 to 5 years ago	514	598	207	259	211	230	95	108	396	450	118	149
Worked during previous 12 months	1,997	1,932	1,530	1,438	350	378	116	117	1,729	1,630	268	303
Females												
Do not intend to seek work	35,736	35,883	4,061	4,043	15,604	15,351	16,071	16,489	31,740	31,762	3,996	4,121
Intend to seek work in the next 12 months	6,134	6,022	2,946	2,921	2,908	2,841	280	259	4,877	4,746	1,257	1,276
Never worked	945	1,010	812	888	127	114	7	7	665	720	280	290
Last worked over 5 years ago	965	878	48	48	816	739	103	93	762	675	203	203
Last worked 1 to 5 years ago	1,355	1,508	462	506	811	929	81	73	1,055	1,155	300	353
Worked during previous 12 months	2,869	2,626	1,625	1,480	1,154	1,060	90	87	2,396	2,197	473	429

44. Employment status of the noninstitutional population by sex, age, race, and Hispanic origin

Numbers in thousands

Employment status, sex, and age	Total		White		Black		Hispanic origin	
	1980	1981	1980	1981	1980	1981	1980	1981
TOTAL								
Civilian noninstitutional population	164,143	166,436	143,657	145,379	17,423	17,808	8,570	8,970
Civilian labor force	104,719	106,393	92,171	93,586	10,597	10,810	5,484	5,750
Percent of population	63.8	63.9	64.2	64.4	60.8	60.7	64.0	64.1
Employed	97,270	98,313	86,380	87,340	9,098	9,134	4,931	5,148
Agriculture	3,310	3,312	3,052	3,073	201	177	236	241
Nonagricultural industries	93,960	95,001	83,329	84,267	8,897	8,957	4,695	4,907
Unemployed	7,448	8,080	5,790	6,246	1,499	1,676	554	602
Unemployment rate	7.1	7.6	6.3	6.7	14.1	15.5	10.1	10.5
Not in labor force	59,425	60,043	51,486	51,793	6,827	6,998	3,085	3,220
Males, 20 years and over								
Civilian noninstitutional population	69,607	70,849	61,681	62,636	6,729	6,899	3,524	3,764
Civilian labor force	55,234	55,945	49,252	49,854	5,028	5,114	3,002	3,193
Percent of population	79.4	79.0	79.9	79.6	74.7	74.1	85.2	84.8
Employed	51,972	52,424	46,671	47,078	4,415	4,435	2,753	2,911
Agriculture	2,355	2,342	2,154	2,156	158	143	176	180
Nonagricultural industries	49,617	50,082	44,517	44,922	4,257	4,292	2,577	2,730
Unemployed	3,261	3,521	2,581	2,776	613	680	248	282
Unemployment rate	5.9	6.3	5.2	5.6	12.2	13.3	8.3	8.8
Not in labor force	14,373	14,904	12,389	12,782	1,701	1,784	522	571
Females, 20 years and over								
Civilian noninstitutional population	78,295	79,682	68,327	69,397	8,464	8,682	3,890	4,067
Civilian labor force	40,243	41,600	34,686	35,851	4,706	4,862	1,899	2,030
Percent of population	51.4	52.2	50.8	51.7	55.6	56.0	48.8	49.9
Employed	37,696	38,774	32,755	33,742	4,153	4,212	1,725	1,837
Agriculture	575	595	540	562	25	18	31	33
Nonagricultural industries	37,120	38,179	32,215	33,180	4,128	4,194	1,694	1,803
Unemployed	2,547	2,826	1,931	2,109	553	650	174	193
Unemployment rate	6.3	6.8	5.6	5.9	11.7	13.4	9.2	9.5
Not in labor force	38,052	38,083	33,641	33,545	3,758	3,820	1,991	2,037
Both sexes, 16-19 years								
Civilian noninstitutional population	16,242	15,905	13,689	13,347	2,230	2,227	1,156	1,139
Civilian labor force	9,242	8,848	8,233	7,881	863	834	584	527
Percent of population	56.9	55.6	60.1	59.0	38.7	37.4	50.5	46.3
Employed	7,603	7,115	6,955	6,520	530	487	452	400
Agriculture	380	375	358	356	18	16	29	27
Nonagricultural industries	7,223	6,740	6,597	6,164	512	472	424	373
Unemployed	1,640	1,733	1,278	1,361	333	346	131	127
Unemployment rate	17.7	19.6	15.5	17.3	38.6	41.5	22.5	24.1
Not in labor force	7,000	7,057	5,456	5,466	1,368	1,393	572	612

45. Employment status of persons of Mexican, Puerto Rican, and Cuban origin by sex and age

(Numbers in thousands)

Employment status, sex, and age	Total Hispanic origin[1]		Mexican origin		Puerto Rican origin		Cuban origin	
	1980	1981	1980	1981	1980	1981	1980	1981
TOTAL								
Civilian noninstitutional population	8,570	8,970	5,097	5,406	1,137	1,160	617	697
Civilian labor force	5,484	5,750	3,386	3,602	585	579	409	450
Percent of population	64.0	64.1	66.4	66.6	51.5	49.9	66.3	64.6
Employed	4,931	5,148	3,037	3,224	505	500	377	410
Agriculture	236	241	214	221	5	5	2	2
Nonagricultural industries	4,695	4,907	2,823	3,003	500	496	375	408
Unemployed	554	602	349	378	80	79	33	40
Unemployment rate	10.1	10.5	10.3	10.5	13.7	13.7	7.9	9.0
Not in labor force	3,085	3,220	1,712	1,805	551	581	208	247
Males, 20 years and over								
Civilian noninstitutional population	3,524	3,764	2,188	2,352	407	428	258	304
Civilian labor force	3,002	3,193	1,906	2,050	327	330	217	246
Percent of population	85.2	84.8	87.1	87.2	80.3	77.1	84.1	80.9
Employed	2,753	2,911	1,750	1,873	293	290	200	226
Agriculture	176	180	160	166	4	3	2	2
Nonagricultural industries	2,577	2,730	1,590	1,707	289	287	198	224
Unemployed	248	282	157	177	35	40	17	20
Unemployment rate	8.3	8.8	8.2	8.6	10.6	12.1	8.0	8.1
Not in labor force	522	571	282	302	79	98	42	58
Females, 20 years and over								
Civilian noninstitutional population	3,890	4,067	2,191	2,338	556	562	292	321
Civilian labor force	1,899	2,030	1,076	1,172	206	207	159	175
Percent of population	48.8	49.9	49.1	50.1	37.1	36.8	54.5	54.5
Employed	1,725	1,837	973	1,057	180	185	149	161
Agriculture	31	33	26	29	1	1	--	--
Nonagricultural industries	1,694	1,803	947	1,028	178	184	149	161
Unemployed	174	193	103	115	26	21	10	14
Unemployment rate	9.2	9.5	9.6	9.8	12.6	10.3	6.3	7.9
Not in labor force	1,991	2,037	1,115	1,166	350	355	133	146
Both sexes, 16-19 years								
Civilian noninstitutional population	1,156	1,139	718	716	175	171	67	72
Civilian labor force	584	527	404	380	53	42	34	30
Percent of population	50.5	46.3	56.3	53.1	30.3	24.6	50.7	41.7
Employed	452	400	315	294	33	24	28	23
Agriculture	29	27	28	26	--	--	--	--
Nonagricultural industries	424	373	287	267	33	24	28	23
Unemployment	131	127	89	86	20	18	5	7
Unemployed	22.5	24.1	22.1	22.6	37.1	42.4	(2)	(2)
Not in labor force	572	612	315	336	122	128	33	43

[1] Includes persons of Central or South American origin and of other Hispanic origin, not shown separately.

[2] Percent not shown where base is less than 35,000.

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46. Employed persons by selected social and economic categories, race, and Hispanic origin

(In thousands)

Category	Total		White		Black and other		Hispanic origin	
	1980	1981	1980	1981	1980	1981	1980	1981
CHARACTERISTIC								
Total, 16 years and over	97,270	98,313	86,380	87,340	10,890	10,973	4,931	5,148
Males	55,988	56,168	50,337	50,504	5,651	5,664	3,032	3,147
Females	41,283	42,145	36,043	36,836	5,239	5,309	1,899	2,001
OCCUPATION								
White-collar workers	50,809	51,849	46,339	47,400	4,470	4,449	1,687	1,795
Professional and technical	15,633	16,055	14,230	14,575	1,383	1,481	390	417
Managers and administrators, except farm	10,914	11,315	10,350	10,702	569	614	315	340
Sales workers	6,177	6,291	5,859	5,969	313	322	194	198
Clerical workers	18,085	18,187	16,901	16,155	2,005	2,032	788	840
Blue-collar workers	30,800	30,593	26,896	26,748	3,904	3,845	2,245	2,308
Craft and kindred workers	12,329	12,197	11,488	11,391	1,041	1,006	675	678
Operatives, except transport	10,346	10,316	8,765	8,714	1,580	1,601	1,030	1,040
Transport equipment operatives	3,468	3,411	2,938	2,891	530	520	191	215
Nonfarm laborers	4,656	4,669	3,704	3,752	952	917	347	375
Service workers	12,958	13,160	10,643	10,638	2,516	2,502	810	848
Farm workers	2,704	2,711	2,504	2,534	200	177	188	195
MAJOR INDUSTRY AND CLASS OF WORKER								
Agriculture								
Wage and salary workers	1,384	1,422	1,194	1,245	190	176	213	219
Self-employed workers	1,628	1,604	1,369	1,346	59	53	21	20
Unpaid family workers	393	266	388	262	4	5	2	2
Nonagricultural industries								
Wage and salary workers	86,706	87,677	76,315	77,199	10,191	10,279	4,443	4,647
Government	15,624	15,394	13,172	12,957	2,452	2,436	646	643
Private industries	71,084	72,284	63,142	64,242	7,739	7,842	3,797	4,005
Private households	1,166	1,182	789	818	377	364	89	87
Other industries	69,915	71,102	62,353	63,424	7,362	7,478	3,708	3,918
Self-employed workers	6,851	6,943	6,432	6,507	419	437	235	241
Unpaid family workers	405	381	383	361	22	19	17	18
FULL AND PART TIME STATUS[1]								
Full time schedules	79,024	79,634	70,057	70,594	8,967	9,040	4,138	4,293
Part time for economic reasons	4,214	4,658	3,523	3,889	691	769	296	347
Part time for noneconomic reasons	14,032	14,022	12,801	12,857	1,231	1,164	495	508

[1] Employed persons with a job but not at work are distributed proportionately among the full- and part-time employed categories.

47. Employed persons of Mexican, Puerto Rican, and Cuban origin by selected social and economic categories

(In thousands)

Category	Total Hispanic origin[1]		Mexican origin		Puerto Rican origin		Cuban origin	
	1980	1981	1980	1981	1980	1981	1980	1981
CHARACTERISTIC								
Total, 16 years and over	4,931	5,148	3,037	3,224	505	500	377	410
Males	3,032	3,147	1,949	2,053	315	304	215	239
Females	1,899	2,001	1,088	1,171	191	196	162	171
OCCUPATION								
White-collar workers	1,687	1,795	888	981	196	207	168	191
Professional and technical	390	417	183	210	45	49	41	48
Managers and administrators, except farm	315	340	162	179	32	32	38	44
Sales workers	194	198	99	113	17	14	27	24
Clerical workers	788	840	444	481	102	112	66	75
Blue-collar workers	2,245	2,308	1,484	1,559	220	212	164	169
Craft and kindred workers	675	678	450	458	49	51	49	51
Operatives, except transport	1,030	1,040	652	669	123	115	81	81
Transport equipment operatives	193	215	127	145	23	19	15	16
Nonfarm laborers	347	375	255	287	25	27	19	19
Service workers	810	848	490	497	86	79	45	48
Farm workers	188	195	173	184	1	2	--	1
MAJOR INDUSTRY AND CLASS OF WORKER								
Agriculture								
Wage and salary workers	213	219	199	207	4	3	1	1
Self-employed workers	21	20	13	12	1	1	1	1
Unpaid family workers	2	2	1	1	--	--	--	--
Nonagricultural industries								
Wage and salary workers	4,443	4,647	2,693	2,871	486	479	336	364
Government	646	643	409	427	79	75	27	28
Private industries	3,797	4,005	2,284	2,445	407	403	309	336
Private households	80	87	52	45	2	2	1	2
Other industries	3,708	3,918	2,232	2,400	404	401	308	334
Self-employed workers	235	241	121	119	14	15	12	12
Unpaid family workers	17	18	10	11	--	1	2	1
FULL AND PART TIME STATUS								
Full time schedules	4,136	4,293	2,520	2,665	447	445	333	361
Part time for economic reasons	298	342	218	257	20	19	11	14
Part time for noneconomic reasons	495	508	299	302	38	36	33	48

[1] Includes persons of Central or South American origin and of other Hispanic origin, not shown separately.

[2] Employed persons with job but not at work are distributed proportionately among the full- and part-time employed categories.

48. Employed black and Hispanic-origin workers by occupation

(Numbers in thousands)

Occupation	1981		
	Total employed	Percent of total	
		Black	Hispanic origin
Total, 16 years and over	98,313	9.3	5.2
White-collar workers	51,848	6.7	2.7
Professional and technical	16,055	6.6	2.6
Health workers	1,047	7.4	2.4
Teachers, except college	1,144	8.7	2.3
Other professional and technical	9,864	5.7	2.7
Managers and administrators, except farm	11,315	4.0	3.0
Salaried workers	9,198	4.1	2.8
Self-employed workers in retail trade	849	3.9	4.1
Self-employed workers, except retail trade	1,068	3.5	3.7
Sales workers	6,291	3.8	3.1
Retail trade	3,194	5.0	3.9
Other industries	3,097	2.7	2.4
Clerical workers	18,187	9.3	4.6
Stenographers, typists, and secretaries	4,930	7.4	3.9
Other clerical workers	13,257	10.1	4.9
Blue-collar workers	30,593	10.9	7.5
Craft and kindred workers	12,197	6.8	5.5
Carpenters	1,041	4.0	5.4
Construction craft workers, except carpenters	2,532	8.6	5.4
Mechanics and repairers	3,327	6.6	5.8
Metal craft workers	1,277	5.9	5.1
Blue-collar worker supervisors, not elsewhere classified	1,790	6.8	5.1
Craft and kindred workers—Continued			
All other craft workers	2,380	7.2	5.6
Operatives, except transport	10,316	13.2	10.1
Durable goods manufacturing	4,532	12.4	10.0
Nondurable goods manufacturing	3,261	15.8	11.3
Other industries	2,523	11.1	8.8
Transport equipment operatives	3,411	14.4	6.3
Drivers, motor vehicles	2,909	13.6	6.0
All other	502	18.7	8.0
Nonfarm laborers	4,469	14.3	8.4
Construction	776	13.9	11.0
Manufacturing	967	15.9	8.3
Other industries	2,727	13.8	7.7
Service workers	13,160	16.8	6.4
Private household workers	1,024	30.7	7.3
Service workers, except private household	12,136	15.6	6.4
Food service workers	4,375	10.3	6.6
Protective service workers	1,429	12.2	3.3
All other	6,132	20.4	6.9
Farm workers	2,712	4.9	7.2
Farmers and farm managers	1,477	1.2	.6
Farm laborers and supervisors	1,235	9.2	15.1
Paid workers	981	11.4	18.8
Unpaid family workers	254	.4	.8

49. Employed black and Hispanic-origin workers by industry

(Numbers in thousands)

Industry	1981		
	Total employed	Percent of total	
		Black	Hispanic origin
Total, 16 years and over	98,313	9.3	5.2
Agriculture	3,312	5.3	7.3
Mining	1,079	3.6	5.8
Construction	5,907	6.6	5.4
Manufacturing	21,460	9.5	6.6
Durable goods	12,973	8.8	6.2
Lumber and wood products	663	14.5	4.5
Furniture and fixtures	510	7.3	13.9
Stone, clay, and glass products	632	10.9	6.6
Primary metal industries	1,148	13.3	6.6
Fabricated metal products	1,423	7.0	7.7
Machinery, except electrical equipment	2,818	6.0	4.9
Electrical equipment	2,317	7.7	5.8
Transportation equipment	2,107	11.4	4.3
Automobiles	1,015	13.4	3.0
Other transportation equipment	1,092	9.5	5.5
Instruments and related products	609	6.1	5.3
Other durable goods industries	746	7.8	10.2
Nondurable goods	8,486	10.7	7.4
Food and kindred products	1,745	11.1	10.2
Textile mill products	720	18.2	4.6
Apparel and other textile products	1,224	13.8	15.0
Paper and allied products	723	8.9	4.4
Printing and publishing	1,572	6.0	3.6
Chemicals and allied products	1,265	12.0	4.0
Rubber and plastics products	657	6.7	8.4
Nondurable goods—Continued			
Other nondurable goods industries	580	10.3	6.6
Transportation and public utilities	6,497	11.1	4.6
Railroads and railway express	540	9.1	3.3
Other transportation	3,090	11.3	5.1
Communications and other public utilities	2,868	11.1	4.3
Wholesale and retail trade	20,048	6.5	5.1
Wholesale trade	3,920	5.7	5.3
Retail trade	16,129	6.7	5.1
Finance, insurance, and real estate	5,997	7.6	4.3
Service industries	28,887	11.5	4.5
Private household	1,248	28.6	7.3
Other service industries	27,639	10.7	4.4
Business repair services	4,044	8.4	5.5
Personal services	2,562	11.6	7.3
Entertainment and recreation services	1,076	6.9	4.4
Professional services	19,810	11.3	3.8
Medical, except hospital	3,409	11.2	4.1
Hospitals	4,095	15.6	4.0
Welfare and religion	1,600	15.9	4.8
Education	7,867	10.8	3.6
Other	2,839	4.2	2.9
Forestry and fisheries	146	4.1	2.1
Public administration	5,128	13.4	4.2

50. Employed persons by sex, age, race, and Hispanic origin

(In thousands)

Sex and age	Total		White		Black		Hispanic origin	
	1980	1981	1980	1981	1980	1981	1980	1981
Total, 16 years and over	97,270	98,313	86,380	87,340	9,098	9,134	4,931	5,148
16 to 19 years	7,603	7,115	6,955	6,520	530	487	452	400
16 to 17 years	3,031	2,790	2,798	2,580	189	162	157	138
18 to 19 years	4,572	4,325	4,157	3,939	341	320	295	262
20 to 24 years	13,615	13,638	12,073	12,137	1,299	1,266	857	901
25 years and over	76,053	77,560	67,353	68,683	7,269	7,380	3,621	3,846
25 to 54 years	61,761	63,351	54,409	55,845	6,107	6,198	3,237	3,440
55 years and over	14,291	14,209	12,943	12,839	1,161	1,182	385	407
Males, 16 years and over	53,988	54,168	50,337	50,504	4,704	4,697	3,037	3,147
16 to 19 years	4,016	3,744	3,666	3,426	289	263	279	236
16 to 17 years	1,631	1,484	1,501	1,369	107	94	97	82
18 to 19 years	2,384	2,260	2,165	2,057	182	169	182	154
20 to 24 years	7,254	7,220	6,462	6,457	665	643	508	540
25 years and over	44,718	45,205	40,209	40,621	3,750	3,791	2,245	2,370
25 to 54 years	35,975	36,578	32,198	32,738	3,133	3,162	1,986	2,095
55 years and over	8,743	8,627	8,010	7,883	616	629	260	274
Females, 16 years and over	43,283	44,145	36,043	36,836	4,394	4,437	1,899	2,001
16 to 19 years	3,587	3,371	3,289	3,094	241	225	174	164
16 to 17 years	1,399	1,306	1,297	1,212	81	73	60	56
18 to 19 years	2,188	2,066	1,991	1,882	159	151	114	109
20 to 24 years	6,360	6,419	5,611	5,680	634	623	349	361
25 years and over	31,335	32,355	27,144	28,062	3,519	3,590	1,376	1,477
25 to 54 years	25,787	26,773	22,210	23,107	2,974	3,036	1,250	1,344
55 years and over	5,549	5,581	4,933	4,955	545	554	125	132

51. Unemployment rates by sex, age, race, and Hispanic origin

Sex and age	Total		White		Black		Hispanic origin	
	1980	1981	1980	1981	1980	1981	1980	1981
Total, 16 years and over	7.1	7.6	6.3	6.7	14.1	15.5	10.1	10.5
16 to 19 years	17.7	19.6	15.5	17.3	38.6	41.5	22.5	24.1
16 to 17 years	20.0	21.5	17.9	19.3	41.2	44.9	27.6	28.1
18 to 19 years	16.1	18.3	13.8	15.9	37.0	39.6	19.5	21.7
20 to 24 years	11.5	12.3	9.9	10.4	23.6	26.5	12.1	14.0
25 years and over	5.0	5.4	4.5	4.8	9.5	10.6	7.7	7.9
25 to 54 years	5.4	5.8	4.9	5.1	10.2	11.4	8.0	8.0
55 years and over	3.3	3.6	3.0	3.4	5.7	5.8	5.9	7.1
Males, 16 years and over	6.9	7.4	6.1	6.5	14.3	15.5	9.7	10.2
16 to 19 years	18.2	20.1	16.2	17.9	37.4	40.9	21.7	24.4
16 to 17 years	20.4	22.1	18.5	20.0	39.9	43.5	26.1	31.1
18 to 19 years	16.7	18.8	14.6	16.5	35.7	39.3	19.2	20.2
20 to 24 years	12.5	13.2	11.1	11.6	23.8	26.6	12.2	14.3
25 years and over	4.7	5.1	4.2	4.5	9.8	10.5	7.3	7.5
25 to 54 years	5.1	5.4	4.5	4.9	10.3	11.3	7.5	7.6
55 years and over	3.3	3.5	3.0	3.2	6.4	6.5	6.5	6.4
Females, 16 years and over	7.4	7.9	6.5	6.9	14.0	15.5	10.7	10.9
16 to 19 years	17.2	19.0	14.8	16.6	39.9	42.3	23.7	23.6
16 to 17 years	19.5	20.7	17.3	18.4	42.7	46.6	30.0	23.6
18 to 19 years	15.6	17.8	13.0	15.3	38.4	40.0	20.0	23.7
20 to 24 years	10.3	11.1	8.5	9.1	23.4	26.5	11.9	13.7
25 years and over	5.5	5.9	4.9	5.2	9.3	10.6	8.4	8.4
25 to 54 years	5.9	5.8	5.3	5.5	10.1	11.6	8.8	8.5
55 years and over	3.2	3.8	3.1	3.7	4.6	5.0	5.3	7.7

HOUSEHOLD DATA
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52. Unemployed persons by duration of unemployment, race, and Hispanic origin

[In thousands]

Weeks of unemployment	Total		White		Black and other		Hispanic origin	
	1980	1981	1980	1981	1980	1981	1980	1981
DURATION								
Total, 16 years and over	7,448	8,080	5,790	6,246	1,658	1,833	554	602
Less than 5 weeks	3,208	3,359	2,532	2,653	676	706	255	277
5 to 14 weeks	2,411	2,479	1,879	1,937	532	542	179	192
15 weeks and over	1,829	2,241	1,380	1,656	450	585	120	134
15 to 26 weeks	1,028	1,098	794	837	234	260	73	77
27 weeks and over	802	1,143	586	819	216	325	47	57
Average (mean) duration, in weeks	11.9	13.8	11.5	13.1	13.4	16.1	11.1	11.3
Median duration, in weeks	6.5	7.0	6.3	6.7	7.3	8.1	6.0	6.0
PERCENT DISTRIBUTION								
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5 weeks	43.1	41.6	43.7	42.5	40.8	38.5	46.0	45.9
5 to 14 weeks	32.4	30.7	32.5	31.0	32.1	29.6	32.3	31.8
15 weeks and over	24.6	27.7	23.8	26.5	27.1	31.9	21.7	22.2
15 to 26 weeks	13.8	13.6	13.7	13.4	14.1	14.2	13.2	12.8
27 weeks and over	10.8	14.1	10.1	13.1	13.0	17.7	8.5	9.5

53. Unemployed persons by reason for unemployment, race and Hispanic origin

[Numbers in thousands]

Reason for unemployment	Total		White		Black and other		Hispanic origin	
	1980	1981	1980	1981	1980	1981	1980	1981
NUMBER OF UNEMPLOYED								
Total, 16 years and over	7,448	8,080	5,790	6,246	1,658	1,833	554	602
Job losers	3,860	4,178	3,056	3,290	804	888	294	342
On layoff	1,471	1,412	1,235	1,196	237	216	74	101
Other job losers	2,389	2,766	1,821	2,094	567	672	220	240
Job leavers	863	894	717	741	146	153	69	62
Reentrants	1,875	2,048	1,421	1,539	453	510	115	126
New entrants	851	959	595	676	256	283	76	71
PERCENT DISTRIBUTION								
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers	51.9	51.7	52.8	52.7	48.5	48.5	53.1	56.7
On layoff	19.8	17.5	21.3	19.2	14.3	11.8	13.4	16.7
Other job losers	32.1	34.2	31.5	33.5	34.2	36.7	39.7	39.8
Job leavers	11.6	11.1	12.4	11.9	8.8	8.3	12.5	10.3
Reentrants	25.2	25.4	24.5	24.6	27.3	27.8	20.8	20.9
New entrants	11.4	11.9	10.3	10.8	15.4	15.4	13.7	12.1
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE								
Job losers	3.7	3.9	3.3	3.5	6.4	6.9	5.4	5.9
Job leavers	.8	.8	.8	.8	1.2	1.2	1.3	1.1
Reentrants	1.8	1.9	1.5	1.6	3.6	4.0	2.1	2.2
New entrants	.8	.9	.6	.7	2.0	2.2	1.4	1.3

54. Black and Hispanic-origin workers not in labor force by reason, age, and sex

(In thousands)

Reason, black, and Hispanic origin	Total	Age			Sex	
		16 to 24 years	25 to 59 years	60 years and over	Males	Females
	1981					
BLACK						
Total not in labor force	6,998	2,168	2,539	2,290	2,418	4,579
Do not want a job now	5,639	1,518	1,928	2,195	1,961	3,677
Current activity						
Going to school	1,023	938	84	2	456	567
Ill, disabled	757	36	393	328	391	366
Keeping house	2,190	247	1,096	849	47	2,143
Retired	986	--	19	967	673	313
Other	681	297	336	49	394	288
Want a job now	1,359	652	611	95	457	902
Reason not looking						
School attendance	383	333	49	--	184	199
Ill health, disability	210	21	145	44	91	119
Home responsibilities	282	102	174	6	--	282
Think cannot get job	316	125	156	35	125	191
Other reasons [1]	168	71	87	10	57	111
HISPANIC ORIGIN						
Total not in labor force	3,220	974	1,553	694	836	2,384
Do not want a job now	2,799	779	1,338	681	704	2,098
Current activity						
Going to school	459	409	48	1	221	239
Ill, disabled	186	7	112	67	103	84
Keeping house	1,598	243	1,047	308	9	1,590
Retired	299	--	8	291	222	77
Other	257	120	123	14	149	108
Want a job now	421	193	212	14	134	286
Reason not looking						
School attendance	102	87	15	--	49	53
Ill health, disability	57	10	40	5	26	30
Home responsibilities	111	32	78	--	--	111
Think cannot get job	71	28	37	6	30	41
Other reasons [1]	80	36	42	3	29	51

[1] Includes small number of men not looking for work because of "home responsibilities."

55. Employment status of male Vietnam-era veterans and nonveterans by age

[Numbers in thousands]

Veteran status and age	Civilian noninstitutional population		Civilian labor force: Total		Employed		Unemployed: Number		Unemployed: Percent of labor force	
	1980	1981	1980	1981	1980	1981	1980	1981	1980	1981
VETERANS										
Total, 25 years and over	8,274	8,549	7,863	8,114	7,415	7,638	448	476	5.7	5.9
25 to 39 years	7,272	7,315	6,997	7,036	6,577	6,599	420	437	6.0	6.2
25 to 29 years	1,713	1,486	1,612	1,386	1,451	1,249	161	137	10.0	9.9
30 to 34 years	3,574	3,325	3,461	3,217	3,285	3,032	176	185	5.1	5.8
35 to 39 years	1,985	2,504	1,924	2,433	1,841	2,318	83	115	4.3	4.7
40 years and over	1,002	1,234	866	1,078	838	1,039	28	39	3.2	3.6
NONVETERANS										
Total, 25 to 39 years	15,475	16,347	14,701	15,489	13,817	14,508	884	981	6.0	6.3
25 to 29 years	7,082	7,394	6,696	6,974	6,197	6,448	499	526	7.5	7.5
30 to 34 years	4,596	5,225	4,392	4,976	4,154	4,683	238	293	5.4	5.9
35 to 39 years	3,797	3,728	3,613	3,539	3,466	3,377	147	162	4.1	4.6

NOTE: Vietnam-era veterans are males who served in the Armed Forces between August 5, 1964 and May 7, 1975. Nonveterans are males who never served in the Armed Forces; published data are limited to those 25 to 39 years of age, the group that most closely corresponds to the bulk of the Vietnam-era veteran population. Although Public Law 96-466 (the Veterans Rehabilitation and Education Amendments of 1980), which became effective October 17, 1980, requires publication labor market data for veterans who actually served in the Vietnam theater of operations, these are not presently collected. Because of the widespread interest in statistics for all Vietnam-era vet the BLS is continuing publication of annual data for this group since these data are currently avai

56. Employment status of male Vietnam-era veterans and nonveterans by age, race, and Hispanic origin

[Numbers in thousands]

Employment status and age	Veterans[1]: White		Veterans[1]: Black and other		Veterans[1]: Hispanic origin		Nonveterans: White		Nonveterans: Black and other		Nonveterans: Hispanic origin	
	1980	1981	1980	1981	1980	1981	1980	1981	1980	1981	1980	1981
Total, 25 to 39 years												
Civilian noninstitutional population	6,549	6,572	723	743	264	271	13,450	14,222	2,025	2,125	1,165	1,273
Civilian labor force	6,326	6,358	671	678	247	256	12,893	13,619	1,808	1,870	1,091	1,189
Employed	5,986	5,992	591	607	231	236	12,211	12,863	1,606	1,645	1,001	1,086
Unemployed	340	366	80	71	16	20	682	756	202	225	90	103
Unemployment rate	5.4	5.8	11.9	10.5	6.5	7.8	5.3	5.6	11.2	12.0	8.2	8.7
25 to 29 years												
Civilian noninstitutional population	1,489	1,290	224	196	86	79	6,225	6,489	857	905	502	554
Civilian labor force	1,406	1,217	206	169	78	74	5,936	6,188	760	786	467	518
Employed	1,283	1,107	168	142	72	69	5,539	5,775	658	673	425	472
Unemployed	123	110	38	27	6	5	397	413	102	113	42	46
Unemployment rate	8.7	9.0	18.4	16.0	7.7	6.8	6.7	6.7	13.4	14.4	9.0	8.9
30 to 34 years												
Civilian noninstitutional population	3,256	3,005	318	320	118	109	3,946	4,510	650	715	376	415
Civilian labor force	3,164	2,921	297	296	113	105	3,803	4,339	589	637	353	391
Employed	3,016	2,764	269	268	107	96	3,627	4,119	527	564	324	354
Unemployed	148	157	28	28	6	9	176	220	62	73	29	37
Unemployment rate	4.7	5.4	9.4	9.5	5.3	8.6	4.6	5.1	10.5	11.5	8.2	9.5
35 to 39 years												
Civilian noninstitutional population	1,804	2,277	181	227	60	83	3,279	3,223	518	505	287	304
Civilian labor force	1,756	2,220	168	213	56	77	3,154	3,092	459	447	271	280
Employed	1,687	2,121	154	197	52	71	3,045	2,969	421	408	252	260
Unemployed	69	99	14	16	4	6	109	123	38	39	19	20
Unemployment rate	3.9	4.5	8.3	7.5	7.1	7.8	3.5	4.0	8.3	8.7	7.0	7.1

57. Employment status of the noninstitutional population in metropolitan and nonmetropolitan areas by sex, age, and race

(Numbers in thousands)

Employment status, sex, age, and race	Metropolitan areas						Nonmetropolitan areas					
	Total		Central cities		Suburbs		Total		Farm		Nonfarm	
	1980	1981	1980	1981	1980	1981	1980	1981	1980	1981	1980	1981
TOTAL												
Civilian noninstitutional population	111,438	112,987	46,224	46,334	65,214	66,651	52,706	53,449	4,532	4,345	48,174	49,104
Civilian labor force	72,207	73,301	28,990	28,978	43,217	44,323	32,512	33,092	2,892	2,796	29,630	30,296
Percent of population	64.8	64.9	62.7	62.5	66.3	66.5	61.7	61.9	63.8	64.4	61.5	61.7
Employed	67,120	67,825	26,360	26,400	40,760	41,425	30,150	30,488	2,801	2,700	27,349	27,788
Unemployed	5,087	5,476	2,629	2,578	2,658	2,898	2,362	2,603	92	96	2,270	2,507
Unemployment rate	7.0	7.5	8.4	8.9	6.2	6.5	7.3	7.9	3.2	3.4	7.7	8.3
Not in labor force	39,230	39,686	17,235	17,355	21,997	22,331	20,194	20,357	1,640	1,548	18,554	18,809
Males, 20 years and over												
Civilian noninstitutional population	47,121	48,028	19,190	19,385	27,931	28,643	22,485	22,821	2,068	1,989	20,417	20,832
Civilian labor force	37,874	39,404	14,861	14,906	23,013	23,498	17,360	17,541	1,692	1,626	15,668	15,915
Percent of population	80.4	80.0	77.4	76.9	82.4	82.0	77.2	76.9	81.8	81.7	76.7	76.4
Employed	35,649	36,006	13,774	13,756	21,875	22,250	16,323	16,418	1,660	1,592	14,663	14,826
Unemployed	2,225	2,398	1,088	1,150	1,137	1,248	1,036	1,123	32	34	1,004	1,089
Unemployment rate	5.9	6.2	7.3	7.7	4.9	5.3	6.0	6.4	1.9	2.1	6.4	6.8
Not in labor force	9,247	9,625	4,327	4,480	4,920	5,145	5,126	5,279	376	363	4,750	4,916
Females, 20 years and over												
Civilian noninstitutional population	53,422	54,329	22,722	22,862	30,700	31,467	24,873	25,353	1,961	1,888	22,932	23,465
Civilian labor force	28,136	28,997	11,848	12,007	16,288	16,990	12,107	12,603	891	888	11,216	11,715
Percent of population	52.7	53.4	52.1	52.5	53.1	54.0	48.7	49.7	45.4	47.0	48.9	49.9
Employed	26,405	27,089	11,017	11,089	15,388	16,000	11,290	11,684	859	851	10,431	10,833
Unemployed	1,731	1,907	831	917	900	990	816	919	32	37	784	882
Unemployment rate	6.2	6.6	7.0	7.6	5.5	5.8	6.7	7.3	3.6	4.2	7.0	7.5
Not in labor force	25,285	25,332	10,874	10,854	14,411	14,478	12,766	12,750	1,050	1,000	11,716	11,750
Both sexes, 16-19 years												
Civilian noninstitutional population	10,894	10,630	4,313	4,086	6,581	6,544	5,348	5,275	523	488	4,825	4,807
Civilian labor force	6,197	5,901	2,279	2,066	3,918	3,835	3,045	2,947	309	283	2,736	2,664
Percent of population	56.9	55.5	52.8	50.6	59.5	58.6	56.9	55.9	59.1	58.4	56.7	55.4
Employed	5,066	4,729	1,769	1,536	3,297	3,173	2,536	2,386	281	258	2,255	2,128
Unemployed	1,311	1,172	510	510	621	662	509	561	28	25	481	536
Unemployment rate	18.2	19.9	22.4	24.7	15.8	17.3	16.7	19.0	9.1	8.8	17.6	20.1
Not in labor force	4,698	4,729	2,034	2,020	2,664	2,709	2,303	2,328	214	185	2,089	2,143
White												
Civilian noninstitutional population	95,516	96,654	35,076	34,959	60,440	61,695	48,141	48,725	4,264	4,098	43,877	44,627
Civilian labor force	62,291	63,229	22,276	22,238	40,015	40,991	29,880	30,357	2,751	2,667	27,129	27,690
Percent of population	65.2	65.4	63.5	63.6	66.2	66.4	62.1	62.3	64.5	65.1	61.8	62.0
Employed	58,503	59,187	20,809	20,711	37,694	38,476	27,877	28,153	2,673	2,585	25,204	25,568
Unemployed	3,788	4,042	1,468	1,527	2,320	2,515	2,003	2,204	78	82	1,925	2,122
Unemployment rate	6.1	6.4	6.6	6.9	5.8	6.1	6.7	7.3	2.9	3.1	7.1	7.6
Not in labor force	33,225	33,425	12,799	12,722	20,426	20,703	18,261	18,368	1,513	1,431	16,748	16,937
Black and other												
Civilian noninstitutional population	15,922	16,333	11,149	11,374	4,773	4,959	4,565	4,724	268	247	4,297	4,477
Civilian labor force	9,916	10,072	6,713	6,741	3,203	3,331	2,632	2,735	142	129	2,490	2,606
Percent of population	62.3	61.7	60.2	59.3	67.1	67.2	57.7	57.9	52.9	52.4	57.9	58.2
Employed	8,617	8,638	5,752	5,690	2,865	2,948	2,273	2,335	128	116	2,145	2,219
Unemployed	1,299	1,434	962	1,051	337	383	359	399	14	14	345	385
Unemployment rate	13.1	14.2	14.3	15.6	10.5	11.5	13.6	14.6	9.8	10.5	13.9	14.8
Not in labor force	6,006	6,261	4,435	4,633	1,571	1,629	1,933	1,990	126	118	1,807	1,872

58. Employment status of the noninstitutional population in poverty and nonpoverty areas by race

(Numbers in thousands)

Employment status and race	Total United States				Metropolitan areas				Nonmetropolitan areas			
	Poverty areas		Nonpoverty areas		Poverty areas		Nonpoverty areas		Poverty areas		Nonpoverty areas	
	1980	1981	1980	1981	1980	1981	1980	1981	1980	1981	1980	1981
TOTAL												
Civilian noninstitutional population	29,244	29,276	134,899	137,160	11,113	11,125	100,325	101,862	18,131	18,151	34,575	35,298
Civilian labor force	14,196	14,506	88,325	89,886	6,002	6,047	66,205	67,254	10,392	10,459	22,119	22,633
Percent of population	48.1	48.4	65.5	65.5	54.0	54.4	66.0	66.0	57.3	57.6	64.0	64.1
Employed	12,768	12,743	82,502	83,570	5,187	5,179	61,933	62,646	9,581	9,565	20,569	20,923
Unemployed	1,428	1,763	5,823	6,317	815	869	4,272	4,607	811	894	1,550	1,710
Unemployment rate	9.9	10.7	6.6	7.0	13.6	14.4	6.5	6.9	7.8	8.5	7.0	7.6
Not in labor force	12,850	12,770	46,575	47,274	5,111	5,078	34,119	34,609	7,739	7,692	12,455	12,665
White												
Civilian noninstitutional population	20,715	20,670	123,944	126,709	5,609	5,657	89,907	90,997	15,104	15,012	33,037	33,713
Civilian labor force	11,918	11,986	80,253	81,600	3,143	3,226	59,148	60,003	8,775	8,761	21,105	21,597
Percent of population	57.5	58.0	65.3	65.4	56.0	57.0	65.8	65.9	58.1	58.4	63.9	64.1
Employed	11,019	11,027	75,362	76,312	2,824	2,901	55,679	56,285	8,195	8,126	19,682	20,027
Unemployed	899	959	4,891	5,287	319	324	3,469	3,718	580	635	1,422	1,570
Unemployment rate	7.5	8.0	6.1	6.5	10.1	10.1	5.9	6.2	6.6	7.2	6.7	7.3
Not in labor force	8,797	8,684	42,691	43,110	2,466	2,432	30,759	30,994	6,329	6,252	11,932	12,116
Black and other												
Civilian noninstitutional population	8,532	8,606	11,955	12,451	5,504	5,468	10,417	10,865	3,027	3,139	1,537	1,586
Civilian labor force	4,476	4,520	8,072	8,287	2,859	2,822	7,057	7,250	1,617	1,698	1,014	1,036
Percent of population	52.5	52.5	67.5	66.6	51.9	51.6	67.7	66.7	53.4	54.1	66.0	65.4
Employed	3,749	3,716	7,140	7,257	2,363	2,277	6,254	6,361	1,387	1,439	887	896
Unemployed	727	804	931	1,029	496	545	803	890	231	259	128	140
Unemployment rate	16.2	17.8	11.5	12.4	17.3	19.3	11.4	12.3	14.3	15.3	12.6	13.5
Not in labor force	4,055	4,086	3,883	4,164	2,645	2,646	3,360	3,615	1,410	1,440	523	549

59. Unemployment rates in poverty and nonpoverty areas by race, sex, and age.

Race, sex, and age	Total United States				Metropolitan areas				Nonmetropolitan areas			
	Poverty areas		Nonpoverty areas		Poverty areas		Nonpoverty areas		Poverty areas		Nonpoverty areas	
	1980	1981	1980	1981	1980	1981	1980	1981	1980	1981	1980	1981
TOTAL												
Both sexes, 16 years and over	9.9	10.7	6.6	7.0	13.6	14.4	6.5	6.9	7.8	8.5	7.0	7.6
Males, 20 years and over	8.1	8.9	5.5	5.8	11.3	12.8	5.4	5.7	6.4	6.8	5.8	6.2
Females, 20 years and over	9.0	9.8	5.8	6.3	11.6	12.3	5.6	6.1	7.4	8.2	6.5	6.9
Both sexes, 16-19 years	24.2	25.9	16.5	18.4	35.1	34.4	16.7	18.5	18.1	21.2	16.1	18.1
White												
Both sexes, 16 years and over	7.5	8.0	6.1	6.5	10.1	10.1	5.9	6.2	6.6	7.2	6.7	7.3
Males, 20 years and over	6.3	6.8	5.1	5.4	8.7	9.4	4.9	5.1	5.5	5.9	5.6	6.0
Females, 20 years and over	6.8	7.0	5.4	5.7	8.8	7.9	5.1	5.4	6.0	6.6	6.2	6.6
Both sexes, 16-19 years	18.0	20.1	15.2	16.9	25.4	24.7	15.1	16.7	15.6	18.6	15.3	17.4
Black and other												
Both sexes, 16 years and over	16.2	17.8	11.5	12.4	17.3	19.3	11.4	12.3	14.3	15.3	12.6	13.5
Males, 20 years and over	13.1	15.4	10.1	10.5	14.9	17.4	10.1	10.4	11.8	12.2	10.3	11.0
Females, 20 years and over	13.9	15.8	9.6	10.7	14.1	16.4	9.4	10.5	13.4	14.8	10.9	12.1
Both sexes, 16-19 years	40.5	40.5	32.6	37.0	44.9	43.9	32.4	37.6	32.2	34.7	33.5	33.9

60. Unemployment in families by type of family, race, Hispanic origin, and presence of employed family members

(Numbers in thousands)

Type of family, race, and Hispanic origin	1980					1981				
	Total families	With unemployment				Total families	With unemployment			
		Total	Percent of families				Total	Percent of families		
			With no employed person in family	With at least one employed person in family	With at least one person in family employed full time			With no employed person in family	With at least one employed person in family	With at least one person in family employed full time
TOTAL										
Total families	59,327	5,873	27.8	72.2	64.1	59,883	6,267	27.8	72.2	63.7
With children under 18 years of age	30,411	3,689	28.5	71.5	63.5	30,520	3,905	29.2	70.8	62.3
Married-couple families	48,251	4,373	20.9	79.1	71.3	48,416	4,572	20.3	79.7	71.6
With children under 18 years of age	24,259	2,784	20.1	79.9	72.0	24,129	2,897	19.7	80.3	72.0
Families maintained by females	8,780	1,207	49.8	50.2	40.2	9,109	1,383	50.2	49.8	39.5
With children under 18 years of age	5,359	790	55.9	44.1	34.9	5,579	900	57.7	42.3	32.5
Families maintained by males	2,297	293	39.9	60.1	54.3	2,358	312	38.3	61.7	54.0
With children under 18 years of age	792	116	45.3	54.7	51.3	813	109	45.9	54.1	47.7
White										
Total families	51,989	4,641	25.3	74.7	66.7	52,378	4,897	25.1	74.9	66.3
With children under 18 years of age	25,963	2,876	25.6	74.4	66.4	25,993	3,006	25.8	74.2	65.5
Married-couple families	43,983	3,736	20.7	79.3	71.4	44,144	3,873	20.0	80.0	71.9
With children under 18 years of age	21,822	2,360	20.0	80.0	71.9	21,662	2,426	19.6	80.4	71.9
Families maintained by females	6,132	693	46.1	53.9	44.5	6,310	796	46.5	53.5	42.5
With children under 18 years of age	3,501	427	53.1	46.9	38.0	3,664	495	53.4	46.6	36.0
Families maintained by males	1,873	211	37.9	62.1	55.5	1,923	229	37.4	62.6	55.7
With children under 18 years of age	640	89	43.2	56.8	53.9	666	85	41.9	58.1	51.2
Black										
Total families	6,385	1,125	37.4	62.6	53.7	6,500	1,256	37.7	62.3	53.4
With children under 18 years of age	3,888	742	39.2	60.8	52.3	3,915	825	41.3	58.7	51.0
Married-couple families	3,520	561	20.8	79.2	71.4	3,491	617	21.4	78.6	70.5
With children under 18 years of age	1,981	371	19.5	80.5	73.2	1,977	415	20.2	79.8	72.8
Families maintained by females	2,501	492	55.2	44.5	34.0	2,636	564	55.0	45.0	33.6
With children under 18 years of age	1,771	346	59.7	40.3	30.3	1,812	388	63.0	37.0	28.7
Families maintained by males	364	72	45.2	54.8	50.7	373	75	42.1	57.9	47.4
With children under 18 years of age	135	25	(1)	(1)	(1)	126	22	(1)	(1)	(1)
Hispanic origin										
Total families	3,128	439	31.4	68.6	61.5	3,278	469	31.1	68.9	60.6
With children under 18 years of age	2,146	316	32.6	67.4	60.4	2,244	335	33.4	66.6	59.4
Married-couple families	2,310	336	25.3	74.7	67.6	2,395	333	24.9	75.1	67.7
With children under 18 years of age	1,600	251	25.5	74.5	66.9	1,661	253	25.0	75.0	67.9
Families maintained by females	641	76	61.8	38.2	32.9	698	105	50.0	50.0	37.7
With children under 18 years of age	483	52	67.3	32.7	26.9	517	74	60.8	39.2	31.1
Families maintained by males	176	27	(1)	(1)	(1)	185	31	(1)	(1)	(1)
With children under 18 years of age	63	13	(1)	(1)	(1)	65	9	(1)	(1)	(1)

[1] Percent not shown where base is less than 35,000.

HOUSEHOLD DATA
ANNUAL AVERAGES

61. Unemployed persons by family relationship, race, Hispanic origin, and presence of employed family members

(Numbers in thousands)

Family relationship, race, and Hispanic origin	1980				1981			
	Total	Percent of unemployed			Total	Percent of unemployed		
		With no employed persons in family	With at least one employed person in family	With at least one person in family employed full time		With no employed persons in family	With at least one employed person in family	With at least one person in family employed full time
TOTAL								
Total unemployed	7,448	40.2	59.8	52.8	8,080	40.1	59.9	52.6
In families	6,377	30.2	69.8	61.6	6,908	29.9	70.1	61.5
Husbands	1,578	45.4	54.6	41.6	1,634	44.6	55.4	41.8
With children under 18 years of age	1,019	48.7	51.3	37.2	1,057	47.8	52.2	37.5
Wives	1,343	16.6	83.4	77.7	1,413	17.2	82.8	77.4
With children under 18 years of age	840	13.7	86.3	80.9	897	15.1	84.9	79.2
Relatives in married-couple families	1,796	9.3	90.7	85.8	1,957	8.6	91.4	86.0
Females who maintain families	470	80.7	19.3	12.3	566	81.6	18.4	10.7
With children under 18 years of age	191	87.0	13.0	7.2	469	87.5	12.5	6.0
Relatives in families maintained by females	873	35.0	65.0	53.6	995	32.9	67.1	55.6
Males who maintain families	118	72.0	28.0	21.4	130	65.6	34.4	26.1
With children under 18 years of age	53	86.4	13.6	10.1	54	84.5	15.5	9.4
Relatives in families maintained by males	200	24.9	75.1	69.4	214	25.5	74.5	67.1
Not in families[1]	1,071	--	--	--	1,172	--	--	--
White								
Total unemployed	5,790	38.2	61.8	55.0	6,246	38.1	61.9	54.6
In families	4,960	27.8	72.2	64.2	5,320	27.4	72.6	64.1
Husbands	1,346	45.7	54.3	40.8	1,376	44.7	55.3	40.9
With children under 18 years of age	860	49.4	50.6	35.7	875	48.1	51.7	35.9
Wives	1,147	15.7	84.3	78.7	1,195	16.5	83.5	78.2
With children under 18 years of age	703	12.9	87.1	81.9	742	14.2	85.8	80.2
Relatives in married-couple families	1,497	8.9	91.1	86.6	1,633	8.0	92.0	87.2
Females who maintain families	269	78.0	22.0	14.5	314	77.2	22.8	13.0
With children under 18 years of age	215	86.0	14.0	7.9	251	85.0	15.0	6.8
Relatives in families maintained by females	472	31.5	68.5	58.6	548	30.8	69.2	57.9
Males who maintain families	82	72.6	27.4	20.4	95	64.8	35.2	27.2
With children under 16 years of age	39	84.9	15.1	11.0	41	81.6	18.4	11.2
Relatives in families maintained by males	146	23.2	76.8	70.7	158	25.8	74.2	67.6
Not in families[1]	830	--	--	--	926	--	--	--
Black								
Total unemployed	1,499	48.0	52.0	44.4	1,676	47.1	52.9	43.4
In families	1,282	39.2	60.8	51.9	1,434	39.0	61.0	52.3
Husbands	199	41.4	58.6	48.1	228	43.2	56.8	45.4
With children under 18 years of age	137	42.5	57.5	47.2	160	44.5	55.5	47.6
Wives	162	22.2	77.8	71.6	185	21.5	78.5	71.4
With children under 18 years of age	115	18.2	81.8	75.4	134	19.3	80.7	74.0
Relatives in married-couple families	263	11.7	88.3	81.6	286	11.3	88.7	80.3
Females who maintain families	191	85.4	14.6	8.6	240	87.2	12.8	7.7
With children under 18 years of age	168	89.1	10.9	5.6	208	90.5	9.5	5.0
Relatives in families maintained by females	386	39.4	60.6	47.3	435	35.3	64.7	51.0
Males who maintain families	32	(2)	(2)	(2)	30	(2)	(2)	(2)
With children under 18 years of age	12	(2)	(2)	(2)	12	(2)	(2)	(2)
Relatives in families maintained by males	49	29.8	70.2	65.2	51	24.4	75.6	65.8
Not in families[1]	217	--	--	--	222	--	--	--
Hispanic origin								
Total unemployed	554	39.4	60.6	54.5	602	41.2	58.8	51.2
In families	498	32.4	67.6	60.7	526	32.7	67.3	58.6
Husbands	139	50.8	49.2	39.3	139	51.2	48.8	37.9
With children under 18 years of age	108	53.4	46.6	37.0	110	53.1	46.9	36.1
Wives	92	16.3	83.7	76.7	96	16.9	83.1	77.0
With children under 18 years of age	68	15.0	85.0	79.0	70	15.7	84.3	79.3
Relatives in married-couple families	149	9.5	90.5	85.5	138	9.2	90.8	84.2
Females who maintain families	33	(2)	(2)	(2)	41	75.3	24.7	14.1
With children under 18 years of age	28	(2)	(2)	(2)	34	(2)	(2)	(2)
Relatives in families maintained by females	53	48.4	51.6	46.4	76	34.1	65.9	53.1
Males who maintain families	8	(2)	(2)	(2)	17	(2)	(2)	(2)
With children under 18 years of age	5	(2)	(2)	(2)	6	(2)	(2)	(2)
Relatives in families maintained by males	23	(2)	(2)	(2)	20	(2)	(2)	(2)
Not in families[1]	56	--	--	--	76	--	--	--

[1] The majority of these persons are living alone or with nonrelatives. Also included are persons in married-couple families where the husband is in the Armed Forces, persons in secondary families, and some whose status is unknown.

[2] Percent not shown where base is less than 35,000.

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82. Employed persons by family relationship, race, Hispanic origin, and presence of additional employed family members

(Numbers in thousands)

Family relationship, race, and Hispanic origin	1980				1981			
	Total	Percent of employed:			Total	Percent of employed:		
		With no other employed person in family	With another employed person in family	With another person in family employed full time		With no other employed person in family	With another employed person in family	With another person in family employed full time
TOTAL								
Total employed	97,270	37.6	62.4	53.0	98,313	37.8	62.2	52.7
In families	82,644	26.6	73.4	62.4	83,185	26.4	73.6	62.3
Husbands	37,505	37.6	62.4	45.2	37,317	36.8	63.2	45.6
With children under 18 years of age	22,196	39.9	60.1	39.8	22,029	39.4	60.6	40.0
Wives	22,781	9.4	90.6	85.8	23,157	9.6	90.4	85.6
With children under 18 years of age	12,231	5.4	94.6	90.8	12,430	5.7	94.3	90.5
Relatives in married-couple families	11,358	5.5	94.5	90.8	11,433	5.7	94.3	90.2
Females who maintain families	4,686	65.2	34.8	23.5	4,902	66.5	33.5	22.2
With children under 18 years of age	3,147	76.6	23.4	12.4	3,293	78.7	21.3	10.8
Relatives in families maintained by females	3,510	27.4	72.6	61.6	3,509	27.6	72.4	61.2
Males who maintain families	1,643	56.3	43.7	33.2	1,658	56.8	43.2	32.1
With children under 18 years of age	666	69.3	30.7	18.1	682	70.9	29.1	15.6
Relatives in families maintained by males	1,161	15.4	84.6	77.7	1,209	17.4	82.6	75.8
Not in families[1]	14,626	—	—	—	15,128	—	—	—
White								
Total employed	86,380	37.2	62.8	53.2	87,340	37.2	62.8	53.0
In families	73,549	26.2	73.8	62.5	74,073	25.9	74.1	62.5
Husbands	34,346	38.1	61.9	44.2	34,193	37.2	62.8	44.6
With children under 18 years of age	20,124	40.8	59.2	38.2	19,963	40.1	59.9	38.4
Wives	20,428	8.9	91.1	86.4	20,830	9.1	90.9	86.1
With children under 18 years of age	10,774	4.8	95.2	91.5	10,982	5.1	94.9	91.2
Relatives in married-couple families	10,359	5.4	94.6	91.0	10,443	5.6	94.4	90.6
Females who maintain families	3,430	63.1	36.9	24.6	3,568	64.4	35.6	23.1
With children under 18 years of age	2,239	75.3	24.7	12.2	2,359	77.4	22.6	10.7
Relatives in families maintained by females	2,652	27.6	72.4	61.8	2,661	27.8	72.2	61.3
Males who maintain families	1,371	55.6	44.4	33.2	1,384	56.3	43.7	31.8
With children under 18 years of age	552	68.0	32.0	18.2	575	69.3	30.7	16.9
Relatives in families maintained by males	962	15.0	85.0	78.0	994	16.7	83.3	76.7
Not in families[1]	12,831	—	—	—	13,267	—	—	—
Black								
Total employed	9,098	43.0	57.0	49.6	9,134	44.1	55.9	48.4
In families	7,577	31.5	68.5	59.6	7,557	32.4	67.6	58.5
Husbands	2,577	31.6	68.4	56.4	2,520	31.7	68.3	56.5
With children under 18 years of age	1,679	31.5	68.5	56.3	1,644	31.9	68.1	56.5
Wives	1,887	14.6	85.4	80.0	1,855	15.3	84.7	78.7
With children under 18 years of age	1,165	10.2	89.8	85.1	1,152	11.2	88.8	83.3
Relatives in married-couple families	754	7.7	92.3	86.3	741	8.2	91.8	85.2
Females who maintain families	1,174	72.1	27.9	19.9	1,248	72.8	27.2	19.0
With children under 18 years of age	862	80.4	19.6	12.5	880	82.5	17.5	10.6
Relatives in families maintained by females	793	27.6	72.4	59.7	783	27.7	72.3	60.1
Males who maintain families	230	61.7	38.3	31.5	236	59.6	40.4	32.8
With children under 18 years of age	102	76.1	23.9	17.6	94	79.7	20.3	13.0
Relatives in families maintained by males	163	19.5	80.5	74.4	175	22.0	78.0	69.7
Not in families[1]	1,521	—	—	—	1,577	—	—	—
Hispanic origin								
Total employed	4,931	39.2	60.8	53.1	5,148	38.8	61.2	53.4
In families	4,261	29.6	70.4	61.4	4,469	29.5	70.5	61.6
Husbands	1,879	43.5	56.5	44.1	1,949	42.3	57.7	45.7
With children under 18 years of age	1,387	46.2	53.8	40.5	1,442	45.2	54.8	42.1
Wives	986	8.8	91.2	86.2	1,057	8.9	91.1	85.9
With children under 18 years of age	665	7.2	92.8	87.8	725	7.6	92.4	87.9
Relatives in married-couple families	661	6.1	93.9	88.0	670	6.8	93.2	88.0
Females who maintain families	271	71.3	28.7	21.3	293	70.1	29.9	21.7
With children under 18 years of age	201	80.7	19.3	12.0	210	80.7	19.3	11.0
Relatives in families maintained by females	187	24.7	75.3	63.7	228	28.5	71.5	60.4
Males who maintain families	144	48.4	51.6	43.1	139	49.6	50.4	39.3
With children under 18 years of age	53	66.9	33.1	27.3	53	74.3	25.7	15.6
Relatives in families maintained by males	134	6.4	93.6	88.5	134	12.3	87.7	79.7
Not in families[1]	670	—	—	—	679	—	—	—

[1] The majority of these persons are living alone or with nonrelatives. Also included are persons in married-couple families where the husband is in the Armed Forces, persons in secondary families, and some whose status is unknown.

ESTABLISHMENT DATA
ANNUAL AVERAGES

1. Employees on nonagricultural payrolls by industry and major manufacturing group

(In thousands)

Industry	1978	1979	1980	1981[P]	Change from 1979–1980	Change from 1980–1981[P]
TOTAL	86,697	89,823	90,564	91,548	741	984
GOODS-PRODUCING	25,585	26,461	25,718	25,676	-743	-42
MINING	851	958	1,020	1,104	62	84
CONSTRUCTION	4,229	4,463	4,399	4,307	-64	-92
MANUFACTURING	20,505	21,040	20,300	20,264	-740	-36
DURABLE GOODS	12,274	12,760	12,181	12,139	-579	-42
Lumber and wood products	754.7	766.9	690.3	680.0	-76.6	-10.3
Furniture and fixtures	494.1	497.8	468.8	476.8	-29.0	8.0
Stone, clay, and glass products	698.2	708.7	665.6	650.7	-43.1	-14.9
Primary metal industries	1,214.9	1,253.9	1,144.1	1,128.5	-109.8	-15.6
Fabricated metal products	1,672.6	1,717.7	1,609.0	1,584.0	-108.7	-25.0
Machinery, except electrical	2,325.5	2,484.8	2,497.0	2,512.9	12.2	15.9
Electric and electronic equipment	2,006.1	2,116.9	2,103.2	2,133.8	-13.7	30.6
Transportation equipment	2,002.8	2,077.2	1,875.3	1,839.2	-201.9	-36.1
Instruments and related products	653.1	691.2	708.5	717.6	17.3	9.1
Miscellaneous manufacturing industries	451.5	444.8	419.3	415.3	-25.5	-4.0
NONDURABLE GOODS	8,231	8,280	8,118	8,126	-162	8
Food and kindred products	1,724.1	1,732.5	1,710.8	1,683.4	-21.7	-27.4
Tobacco manufactures	70.6	70.0	69.2	71.1	-.8	1.9
Textile mill products	899.1	885.1	852.7	839.6	-32.4	-13.1
Apparel and other textile products	1,332.3	1,304.3	1,265.8	1,25 .7	-38.5	-10.1
Paper and allied products	698.7	706.8	694.0	69..4	-12.8	-1.6
Printing and publishing	1,192.0	1,235.1	1,258.3	1,288.2	23.2	29.9
Chemicals and allied products	1,095.5	1,109.3	1,107.4	1,107.4	-1.9	.0
Petroleum and coal products	207.7	209.8	196.6	210.9	-13.2	14.3
Rubber and misc. plastics products	754.5	781.6	730.7	744.3	-50.9	13.6
Leather and leather products	256.8	245.7	232.6	232.8	-13.1	.2
SERVICE PRODUCING	61,113	63,363	64,847	65,873	1,484	1,026
TRANSPORTATION AND PUBLIC UTILITIES	4,923	5,136	5,143	5,152	7	9
WHOLESALE AND RETAIL TRADE	19,342	20,192	20,386	20,736	194	350
WHOLESALE TRADE	4,969	5,204	5,281	5,343	77	62
RETAIL TRADE	14,373	14,989	15,104	15,393	115	289
FINANCE, INSURANCE, AND REAL ESTATE	4,724	4,975	5,168	5,330	193	162
SERVICES	16,252	17,112	17,901	18,598	789	697
GOVERNMENT	15,672	15,947	16,249	16,056	302	-193
FEDERAL	2,753	2,773	2,866	2,774	93	-92
STATE AND LOCAL	12,919	13,174	13,383	13,283	209	-100

[P] preliminary

2. Production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division and major manufacturing group

(In thousands)

Industry	1978	1979	1980	1981[p]	Change from 1979–1980	Change from 1980–1981[p]
TOTAL PRIVATE	58,156	60,367	60,457	61,210	90	753
MINING	638	719	757	812	38	55
CONSTRUCTION	3,354	3,565	3,461	3,350	-104	-111
MANUFACTURING	14,734	15,068	14,223	14,088	-845	-135
DURABLE GOODS	8,805	9,110	8,438	8,321	-672	-117
Lumber and wood products	646.6	653.6	577.3	565.3	-76.3	-12.0
Furniture and fixtures	406.3	405.9	378.5	384.2	-27.4	5.7
Stone, clay, and glass products	554.3	558.7	515.8	501.0	-42.9	-14.8
Primary metal industries	954.3	986.4	879.2	866.9	-107.2	-12.3
Fabricated metal products	1,270.0	1,298.9	1,192.6	1,168.0	-106.3	-24.6
Machinery, except electrical	1,526.4	1,634.3	1,604.9	1,592.4	-29.4	-12.5
Electric and electronic equipment	1,317.9	1,388.1	1,336.3	1,338.0	-51.8	1.7
Transportation equipment	1,383.9	1,423.3	1,215.4	1,176.2	-207.9	-39.2
Instruments and related products	400.3	421.6	423.5	421.6	1.9	-1.9
Miscellaneous manufacturing industries	344.5	338.8	314.0	307.1	-24.8	-6.9
NONDURABLE GOODS	5,929	5,958	5,786	5,768	-172	-18
Food and kindred products	1,173.9	1,190.8	1,175.2	1,152.8	-15.6	-22.4
Tobacco manufactures	56.2	55.5	53.9	55.3	-1.6	1.4
Textile mill products	783.1	770.9	741.3	727.1	-29.6	-14.2
Apparel and other textile products	1,144.6	1,116.8	1,081.6	1,069.4	-35.2	-12.2
Paper and allied products	524.7	535.6	523.5	521.3	-12.1	-2.2
Printing and publishing	671.9	697.2	702.7	711.8	5.5	9.1
Chemicals and allied products	627.6	633.3	625.5	626.6	-7.8	1.1
Petroleum and coal products	135.5	137.1	123.9	132.4	-13.2	8.5
Rubber and misc. plastics products	591.2	611.8	561.8	573.8	-50.0	12.0
Leather and leather products	220.4	209.1	196.3	197.1	-12.8	.8
TRANSPORTATION AND PUBLIC UTILITIES	4,142	4,299	4,291	4,274	-8	-17
WHOLESALE AND RETAIL TRADE	17,219	17,748	17,881	18,128	133	247
WHOLESALE TRADE	4,094	4,274	4,319	4,348	45	29
RETAIL TRADE	13,125	13,474	13,562	13,779	88	217
FINANCE, INSURANCE, AND REAL ESTATE	3,593	3,776	3,913	4,026	137	113
SERVICES	14,476	15,193	15,930	16,533	737	603

[1] For coverage of series, see footnote 1, table B-2.

p=preliminary

ESTABLISHMENT DATA
ANNUAL AVERAGES

3. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division and major manufacturing group

Industry	Average weekly hours				Average hourly earnings				Average weekly earnings			
	1978	1979	1980	1981[P]	1978	1979	1980	1981[P]	1978	1979	1980	1981[P]
TOTAL PRIVATE	35.8	35.7	35.3	35.2	$5.69	6.16	6.66	$7.25	$203.70	219.91	$235.10	$255.20
MINING	43.4	43.0	43.2	43.6	7.67	8.49	9.17	10.06	332.88	365.07	396.14	438.62
CONSTRUCTION	36.8	37.0	37.0	36.8	8.66	9.27	9.92	10.75	318.69	342.99	367.04	395.60
MANUFACTURING	40.4	40.2	39.7	39.8	6.17	6.70	7.27	7.99	249.27	269.34	288.62	318.00
Overtime hours	3.6	3.3	2.8	2.8	-	-	-	-	-	-	-	-
DURABLE GOODS	41.1	40.8	40.1	40.2	6.58	7.13	7.75	8.52	270.44	290.90	310.78	342.50
Overtime hours	3.8	3.5	2.8	2.8	-	-	-	-	-	-	-	-
Lumber and wood products	39.8	39.4	38.6	38.7	5.60	6.07	6.53	7.00	222.88	239.16	252.06	270.90
Furniture and fixtures	39.3	38.7	38.1	38.4	4.68	5.06	5.49	5.90	183.92	195.82	209.17	226.56
Stone, clay, and glass products	41.6	41.5	40.8	40.7	6.33	6.85	7.50	8.27	263.33	284.28	306.00	336.59
Primary metal industries	41.8	41.4	40.1	40.5	8.20	8.98	9.77	10.81	342.76	371.77	391.78	437.81
Fabricated metal products	41.0	40.7	40.4	40.3	6.35	6.85	7.45	8.20	260.35	278.80	300.98	330.46
Machinery, except electrical	42.1	41.8	41.0	40.9	6.78	7.32	8.00	8.83	285.44	305.98	328.00	361.15
Electric and electronic equipment	40.3	40.3	39.8	39.9	5.82	6.32	6.95	7.66	234.55	254.70	276.61	305.63
Transportation equipment	42.2	41.1	40.6	40.9	7.91	8.53	9.32	10.31	333.80	350.58	378.39	421.68
Instruments and related products	40.9	40.8	40.5	40.4	5.71	6.17	6.80	7.44	233.54	251.74	275.40	300.58
Miscellaneous manufacturing industries	38.8	38.8	38.7	38.9	4.69	5.03	5.47	5.98	181.97	195.16	211.69	232.62
NONDURABLE GOODS	39.4	39.3	39.0	39.2	5.53	6.01	6.56	7.19	217.88	236.19	255.84	281.85
Overtime hours	3.2	3.1	2.8	2.8	-	-	-	-	-	-	-	-
Food and kindred products	39.7	39.9	39.7	39.7	5.80	6.27	6.86	7.46	230.26	250.17	272.34	296.16
Tobacco manufactures	38.1	38.0	38.1	38.8	6.13	6.67	7.73	8.81	233.55	253.46	294.51	341.83
Textile mill products	40.4	40.4	40.1	39.7	4.30	4.66	5.08	5.52	173.72	188.26	203.71	219.14
Apparel and other textile products	35.6	35.3	35.4	35.7	3.94	4.23	4.57	4.98	140.26	149.32	161.78	177.79
Paper and allied products	42.9	42.6	42.3	42.5	6.52	7.13	7.84	8.60	279.71	303.74	331.63	365.50
Printing and publishing	37.6	37.5	37.1	37.3	6.51	6.94	7.53	8.20	244.78	260.25	279.36	305.86
Chemicals and allied products	41.9	41.9	41.5	41.6	7.02	7.60	8.30	9.12	294.14	318.44	344.45	379.39
Petroleum and coal products	43.6	43.8	41.8	43.3	8.63	9.36	0.09	11.36	376.27	409.97	421.76	491.89
Rubber and misc. plastics products	40.9	40.5	40.1	40.4	5.52	5.97	6.56	7.25	225.77	241.79	263.06	292.90
Leather and leather products	37.1	36.5	36.7	36.8	3.89	4.22	4.58	4.99	144.32	154.03	168.09	183.63
TRANSPORTATION AND PUBLIC UTILITIES	40.0	39.9	39.6	39.4	7.57	8.16	8.87	9.72	302.80	325.58	351.25	382.97
WHOLESALE AND RETAIL TRADE	32.9	32.6	32.2	32.1	4.67	5.06	5.48	5.92	153.64	164.96	176.46	190.03
WHOLESALE TRADE	38.8	38.8	38.5	38.6	5.88	6.39	6.96	7.58	228.14	247.93	267.96	292.59
RETAIL TRADE	31.0	30.6	30.2	30.1	4.20	4.53	4.88	5.25	130.20	138.62	147.38	158.03
FINANCE, INSURANCE, AND REAL ESTATE	36.4	36.2	36.2	36.2	4.89	5.27	5.78	6.30	178.00	190.77	209.24	228.06
SERVICES	32.8	32.7	32.6	32.6	4.99	5.36	5.85	6.41	163.67	175.27	190.71	208.97

[1] For coverage of series, see footnote 1, table B-2.

[P] preliminary unweighted averages.

Explanatory Notes

Introduction

The statistics in this periodical are compiled from two major sources: (1) Household interviews, and (2) reports from employers.

Data based on household interviews are obtained from a sample survey of the population 16 years of age and over. The survey is conducted each month by the Bureau of the Census for the Bureau of Labor Statistics and provides comprehensive data on the labor force, the employed, and the unemployed, including such characteristics as age, sex, race, family relationship, marital status, occupation, and industry attachment. The survey also provides data on the characteristics and past work experience of those not in the labor force. The information is collected by trained interviewers from a sample of about 60,000 households, representing 629 areas in 1,133 counties and independent cities, with coverage in 50 States and the District of Columbia. The data collected are based on the activity or status reported for the calendar week including the 12th of the month.

Data based on establishment records are compiled each month from mail questionnaires by the Bureau of Labor Statistics, in cooperation with State agencies. The establishment survey is designed to provide industry information on nonagricultural wage and salary employment, average weekly hours, average hourly and weekly earnings, and labor turnover for the Nation, States, and metropolitan areas. The employment, hours, and earnings series are based on payroll reports from a sample of establishments employing over 30 million nonagricultural wage and salary workers. The data relate to all workers, full- or part-time, who received pay during the payroll period which includes the 12th day of the month. Based on a somewhat smaller sample, labor turnover data relate to actions occurring during the entire month.

RELATION BETWEEN THE HOUSEHOLD AND ESTABLISHMENT SERIES

The household and establishment data supplement one another, each providing significant types of information that the other cannot suitably supply. Population characteristics, for example, are readily obtained only from the household survey whereas detailed industrial classifications can be reliably derived only from establishment reports.

Data from these two sources differ from each other because of differences in definition and coverage, sources of information, methods of collection, and estimating procedures. Sampling variability and response errors are additional reasons for discrepancies. The major factors which have a differential effect on levels and trends of the two series are as follows.

Employment

Coverage. The household survey definition of employment comprises wage and salary workers (including domestics and other private household workers), self-employed persons, and unpaid workers who worked 15 hours or more during the survey week in family-operated enterprises. Employment in both agricultural and nonagricultural industries is included. The payroll survey covers only wage and salary employees on the payrolls of nonagricultural establishments.

Multiple jobholding. The household approach provides information on the work status of the population without duplication, since each person is classified as employed, unemployed, or not in the labor force. Employed persons holding more than one job are counted only once and are classified according to the job at which they worked the greatest number of hours during the survey week. In the figures based on establishment reports, persons who worked in more than one establishment during the reporting period are counted each time their names appear on payrolls.

Unpaid absences from jobs. The household survey includes among the employed all persons who had jobs but were not at work during the survey week—that is, were not working but had jobs from which they were temporarily absent because of illness, bad weather, vacation, labor-management dispute, or because they were taking time off for various other reasons, even if they were not paid by their employers for the time off. In the figures based on payroll reports, persons on leave paid for by the company are included, but not those on leave without pay for the entire payroll period.

For a comprehensive discussion of the differences between household and establishment survey employment data, see Gloria P. Green's article "Comparing Employment Estimates from Household and Payroll Surveys," *Monthly Labor Review*, December 1969.

Hours of work

The household survey measures hours actually worked whereas the payroll survey measures hours paid for by employers. In the household survey data, all persons with a job but not at work are excluded from the hours distributions and the computations of average hours. In the payroll survey, production or nonsupervisory employees on paid vacation, paid holiday, or paid sick leave are included and assigned the number of hours for which they were paid during the reporting period.

Earnings

The household survey measures median earnings of wage and salary workers in all occupations and industries in both the private and public sectors. Data refer to the usual earnings received from the worker's sole or primary job. Data from the establishment survey generally refer to mean earnings of production and related workers in mining and manufacturing, construction workers in construction, and nonsupervisory employees in private service-producing industries. For a comprehensive discussion of the household survey earnings series, see "Technical Description of the Quarterly Data on Weekly Earnings from the Current Population Survey," BLS Report 601.

COMPARABILITY OF THE HOUSEHOLD DATA WITH OTHER SERIES

Unemployment insurance data. The unemployed total from the household survey includes all persons who did not have a job at all during the survey week and were looking for work or were waiting to be called back to a job from which they had been laid off, whether or

not they were eligible for unemployment insurance. Figures on unemployment insurance claims, prepared by the Employment and Training Administration of the Department of Labor, exclude persons who have exhausted their benefit rights, new workers who have not earned rights to unemployment insurance, and persons losing jobs not covered by unemployment insurance systems (some workers in agriculture, domestic services, and religious organizations, and self-employed and unpaid family workers). Beginning in January 1978, coverage was extended to include domestic workers whose employers paid $1,000 or more in wages in any calendar quarter, agricultural employees whose employers engaged 10 or more workers in 20 weeks or paid a total of $20,000 or more in wages in any calendar quarter, and almost all State and local government employees.

In addition, the qualifications for drawing unemployment compensation differ from the definition of unemployment used in the household survey. For example, persons with a job but not at work and persons working only a few hours during the week are sometimes eligible for unemployment compensation but are classified as employed rather than unemployed in the household survey.

For an examination of the similarities and differences between State insured unemployment and total unemployment, see "Measuring Total and State Insured Unemployment" by Gloria P. Green in the June 1971 issue of the *Monthly Labor Review*.

Agricultural employment estimates of the Department of Agriculture. The principal differences in coverage are the inclusion of persons under 16 in the Statistical Research Service (SRS) series and the treatment of dual jobholders who are counted more than once if they work on more than one farm during the reporting period. There are also wide differences in sampling techniques and collecting and estimating methods, which cannot be readily measured in terms of impact on differences in level and trend of the two series.

COMPARABILITY OF THE PAYROLL EMPLOYMENT DATA WITH OTHER SERIES

Statistics on manufactures and business, Bureau of the Census. BLS establishment statistics on employment differ from employment counts derived by the Bureau of Census from its censuses or annual business establishments. The major reasons for some noncomparability are different treatment of business units considered parts of an establishment, such as central administrative offices and auxiliary units, the industrial classification of establishments, and different reporting patterns by multiunit companies. There are also differences in the scope of the industries covered, e.g., the Census of Business excludes professional services, public utilities, and financial establishments, whereas these are included in the BLS statistics.

County Business Patterns. Data in County Business Patterns (CBP), published by the Bureau of the Census, U.S. Department of Commerce, differ from BLS establishment statistics in the treatment of central administrative offices and auxiliary units. Differences may also arise because of industrial classification and reporting practices. In addition, CBP excludes interstate railroads and government, and coverage is incomplete for some of the nonprofit activities.

Employment covered by State unemployment insurance programs. Most nonagricultural wage and salary workers are covered by the unemployment insurance programs. Beginning in January 1972, coverage was expanded to include employees of small firms and selected nonprofit activities who had not been covered previously. However, certain activities, such as interstate railroads, parochial schools, and churches are not covered by unemployment insurance whereas these included in the BLS establishment statistics. Beginning in January 1978, coverage was extended to include domestic workers whose employers paid $1,000 or more in wages in any calendar quarter, agricultural employees whose employers engaged 10 or more workers in 20 weeks or paid a total of $20,000 or more in wages in any calendar quarter, and almost all State and local government employees.

Household Data (A tables)

COLLECTION AND COVERAGE

Statistics on the employment status of the population, the personal, occupational, and other characteristics of the employed, the unemployed, and persons not in the labor force, and related data are compiled for the BLS by the Bureau of the Census in its Current Population Survey (CPS). A detailed description of this survey appears in *Concepts and Methods Used in Labor Force Statistics Derived from the Current Population Survey*, BLS Report 463. This report is available from BLS upon request.

These monthly surveys of the population are conducted with a scientifically selected sample designed to represent the civilian noninstitutional population. Respondents are interviewed to obtain information about the employment status of each member of the household 16 years of age and over. Separate statistics are also collected and published for 14- and 15-year-olds. The inquiry relates to activity or status during the calendar week, Sunday through Saturday, which includes the 12th of the month. This is known as the survey week. Actual field interviewing is conducted in the following week.

Inmates of institutions, members of the Armed Forces, and persons under 14 years of age are not covered in the regular monthly enumerations and are excluded from the population and labor force statistics shown in this report. Data on members of the Armed Forces, who are included as part of the categories "total noninstitutional population" and "total labor force," are, however, obtained from the Department of Defense.

Each month 60,000 occupied units are eligible for interview. About 2,500 of these households are visited but interviews are not obtained because the occupants are not at home after repeated calls or are unavailable for other reasons. This represents a noninterview rate for the survey of between 4 or 5 percent. In addition to the 60,000 occupied units, there are 11,000 sample units in an average month which are visited but found to be vacant or otherwise not to be enumerated. Part of the sample is changed each month. The rotation plan provides for three-fourths of the sample to be common from 1 month to the next and one-half to be common with the same month a year earlier.

Beginning in September 1975, the sample was enlarged by 9,000 households in order to provide greater reliability for smaller States and thus permit the publication of annual statistics for all 50 States and the District of Columbia. These supplementary households were added to the national 47,000 household sample in January 1978.

Over the period November 1978 to April 1979 the sample was again enlarged by 9,000 households. These supplementary households were added to the 56,000 household sample in January 1980.

Beginning in May 1981 the sample size was cut by about 6,000 occupied housing units. The reduction did not affect the ability to

publish reliable State and local estimates and had practically no effect on the reliability of national estimates.

CONCEPTS

Employed persons comprise (a) all those who during the survey week did any work at all as paid employees, in their own business, profession, or farm, or who worked 15 hours or more as unpaid workers in an enterprise operated by a member of the family, and (b) all those who were not working but who had jobs or businesses from which they were temporarily absent because of illness, bad weather, vacation, labor-management dispute, or personal reasons, whether or not they were paid by their employers for the time off, and whether or not they were seeking other jobs.

Each employed person is counted only once. Those who held more than one job are counted in the job at which they worked the greatest number of hours during the survey week.

Included in the total are employed citizens of foreign countries, temporarily in the United States, who are not living on the premises of an embassy.

Excluded are persons whose only activity consisted of work around the house (such as home housework, and painting or repairing own home) or volunteer work for religious, charitable, and similar organizations.

Unemployed persons comprise all persons who did not work during the survey week, who made specific efforts to find a job within the past 4 weeks, and who were available for work during the survey week (except for temporary illness). Also included as unemployed are those who did not work at all, were available for work, and (a) were waiting to be called back to a job from which they had been laid off; or (b) were waiting to report to a new wage or salary job within 30 days.

Duration of unemployment represents the length of time (through the current survey week) during which persons classified as unemployed had been continuously looking for work. For persons on layoff, duration of unemployment represents the number of full weeks since the termination of their most recent employment. A period of 2 weeks or more during which a person was employed or ceased looking for work is considered to break the continuity of the present period of seeking work. Measurements of mean and median duration are computed from a distribution of single weeks of unemployment.

Unemployed persons by reasons for unemployment are divided into four major groups. (1) Job losers are persons whose employment ended involuntarily who immediately began looking for work and persons on layoff. (2) Job leavers are persons who quit or otherwise terminated their employment voluntarily and immediately began looking for work. (3) Reentrants are persons who previously worked at a full-time job lasting 2 weeks or longer but were out of the labor force prior to beginning to look for work. (4) New entrants are persons who never worked at a full-time job lasting 2 weeks or longer.

Jobseekers are all unemployed persons who made specific efforts to find a job, sometime during the 4-week period preceding the survey week. Jobseekers do not include persons unemployed because they (a) were waiting to be called back to a job from which they had been laid off or (b) were waiting to report to a new wage or salary job within 30 days. Jobseekers are grouped by the methods used to seek work, including going to a public or private employment agency or to an employer directly, seeking assistance from friends or relatives, placing or answering ads, or utilizing some "other" method. Examples of the "other" category include being on a union or professional register, obtaining assistance from a community organization, or waiting at a designated pick-up point.

The civilian labor force comprises the total of all civilians classified as employed or unemployed in accordance with the criteria described above. The "total labor force" also includes members of the Armed Forces stationed either in the United States or abroad.

The unemployment rate represents the number unemployed as a percent of the civilian labor force. This measure can also be computed for groups within the labor force classified by sex, age, marital status, race, occupation, industry, etc. The job-loser, job-leaver, reentrant, and new entrant rates are each calculated as a percent of the civilian labor force; the sum of the rates for the four groups thus equals the total unemployment rate.

Participation rates represent the proportion of the noninstitutional population that is in the labor force. Two types of participation rates are published. The total labor force participation rate, which is the ratio of the total labor force and the total noninstitutional population; and the civilian labor force participation rate, which is the ratio of the civilian labor force and the civilian noninstitutional population. Participation rates are usually published for sex-age groups, often cross-classified by other demographic characteristics such as race and educational attainment.

Employment-population ratios represent the proportion of the total noninstitutional population that is employed.

Not in labor force includes all civilians 16 years and over who are not classified as employed or unemployed. These persons are further classified as "engaged in own home housework," "in school," "unable to work" because of long-term physical or mental illness, and "other." The "other" group includes for the most part retired persons, those reported as too old to work, the voluntarily idle, and seasonal workers for whom the survey week fell in an "off" season and who were not reported as unemployed. Persons doing only incidental unpaid family work (less than 15 hours) are also classified as not in the labor force.

For persons not in the labor force, data on previous work experience, intentions to seek work again, desire for a job at the time of interview, and reasons for not looking for work are compiled on a quarterly basis. As of January 1970, the detailed questions for persons not in the labor force are asked only in those households that are in the fourth and eighth months of the sample, i.e., the "outgoing" groups, those which had been in the sample for 3 previous months and would not be in for the subsequent month. Between 1967 and 1969, the detailed not-in-labor force questions were asked of persons in the first and fifth months in the sample, i.e., the "incoming" groups.

Occupation, industry, and class of worker for the employed apply to the job held in the survey week. Persons with two or more jobs are classified in the job at which they worked the greatest number of hours during the survey week. The unemployed are classified according to their last full-time civilian job lasting 2 weeks or more. The occupation and industry groups used in the CPS are defined as in the 1970 Census of Population. Information on the detailed categories included in these groups is available upon request.

The class-of-worker breakdown specifies "wage and salary workers," subdivided into private and government workers, "self-employed workers," and "unpaid family workers." Wage and salary workers receive wages, salary, commissions, tips, or pay in kind from a private employer or from a government unit. Self-employed persons are those who work for profit or fees in their own business, profession, or trade, or operate a farm. Unpaid family workers are persons working without pay for 15 hours a week or more on a farm or in a business operated by a member of the household to whom they are related by blood or marriage.

Hours of work statistics relate to the actual number of hours worked during the survey week. For example, a person who normally works 40 hours a week but who was off on the Columbus Day holiday would be reported as working 32 hours even though he/she was paid for the holiday.

For persons working in more than one job, the figures relate to the number of hours worked in all jobs during the week. However, all the hours are credited to the major job.

The distribution of employment by hours worked relates to persons "at work" during the survey week. At-work data differ from data on total employment because the latter include persons in the zero-hours worked category, "with a job but not at work." Included in this latter group are persons who were on vacation, ill, involved in a labor

dispute, or otherwise absent from their jobs for voluntary, noneconomic reasons.

Persons who worked 35 hours or more in the survey week are designated as working "full time," correspondingly persons who worked between 1 and 34 hours are designated as working "part time." Part-time workers are classified by their usual status at their present job (either full or part time) and by their reason for working part time during the survey week (economic or other reasons). "Economic reasons" include: Slack work, material shortages, repairs to plant or equipment, start or termination of a job during the week, and inability to find full-time work. "Other reasons" include: Labor dispute, bad weather, own illness, vacation, demands of home, housework, school, no desire for full-time work, and full-time worker only during the peak season. Persons on full-time schedules include, in addition to those working 35 hours or more, those who worked from 1 to 34 hours for noneconomic reasons and usually work full time.

The *full-time labor force* consists of persons working on full-time schedules, persons involuntarily working part-time (part time for economic reasons), and unemployed persons seeking full-time jobs. The *part-time labor force* consists of persons working part time voluntarily and unemployed persons seeking part-time work. Persons with a job but not at work during the survey week are classified according to whether they usually work full or part-time.

Labor force time lost is a measure of aggregate hours lost to the economy through unemployment and involuntary part-time employment and is expressed as a percent of potentially available aggregate hours. It is computed by assuming: (1) That unemployed persons looking for full-time work lost an average of 37.5 hours (2) that those looking for part-time work lost the average number of hours actually worked by voluntary part-time workers during the survey week, and (3) that persons on part time for economic reasons lost the difference between 37.5 hours and the actual number of hours they worked.

White and *black and other* are terms used to describe the race of workers. The "black-and-other category," includes all persons who identified themselves in the enumeration process to be other than white. At the time of the 1970 Census of Population, 89 percent of the black-and-other population group were black; the remainder were primarily American Indians, Alaskan Natives, and Asians and Pacific Islanders. The term "black" is used in this volume when the relevant data are provided exclusively for the black population.

Hispanic origin refers to persons who identified themselves in the enumeration process as Mexican, Puerto Rican living on the mainland, Cuban, Central or South American, or of other Hispanic origin or descent. According to the 1970 Census of Population, approximately 96 percent of their population is white.

Major activity: going to school and *major activity: other* are terms used to describe whether the activity of young persons during the reference week is primarily one of going to school or not. Statistics on major activity are published every month in table A-7 for 16- to 21-year-olds by employment status, race, and sex, and, if unemployed, whether seeking full- or part-time work.

Vietnam-era veterans are those who served in the Armed Forces of the United States between August 5, 1964, and May 7, 1975. Tables for veterans in this volume are limited to males in the civilian noninstitutional population, i.e., veterans in institutions and females are excluded.

Nonveterans are males who never served in the Armed Forces.

The *poverty areas* classification consists of all Census geographical divisions in which 20 percent or more of the residents were poor according to the 1970 Decennial Census. Persons were classified as poor or nonpoor by using income thresholds adopted by a Federal interagency committee in 1969. These thresholds vary by family size, composition, and residence (farm-nonfarm). While poverty areas have a substantial concentration of low-income residents, many poor persons live outside these areas and, conversely, the areas include many people who are not poor.

The *metropolitan areas* classification consists of the total of all areas encompassed by Standard Metropolitan Statistical Areas (SMSA's). The metropolitan area total is based on the number of SMSA's as defined in the 1970 Decennial Census and does not include any subsequent additions or changes. Nonmetropolitan areas refer to the total of all areas outside SMSA's. The nonmetropolitan total is disaggregated into farm and nonfarm components.

Usual weekly earnings data are provided from responses to the question "How much does. . .USUALLY earn per week at this job before deductions?" Included are any overtime pay, commissions, or tips usually received. Data refer to the sole or primary job of wage and salary workers. The term "usual" is as perceived by the respondent. If the respondent asks for a definition of "usual," interviewers are instructed to define the term as more than half the weeks worked during the past 4 or 5 months.

A *household* consists of all persons—related family members and all unrelated persons—who occupy a housing unit. A house, an apartment, a group of rooms, or a single room are regarded as a housing unit when occupied or intended for occupancy as separate living quarters.

A *householder* is the person (or one of the persons) in whose name the housing unit is owned or rented. The term is never applied to either husbands or wives in married-couple families but only to persons in families maintained by either men or women without a spouse.

Family refers to a group of two or more persons residing together who are related by blood, marriage, or adoption; all such persons are considered as members of one family even though they may include a "subfamily," that is, a married couple or a parent-child group related by blood or marriage to the householder and sharing the living quarters. The counts of families used in this volume refer to primary families only, that is, all persons in the household who are related to the householder. Families are classified either as married-couple families or as those maintained by women or men without spouses. Data on the earnings of families exclude all those in which there is no wage or salary earner or in which the husband, wife, or other persons maintaining the family is either self-employed or in the Armed Forces.

HISTORIC COMPARABILITY

Raised lower age limit

Beginning with data for 1967, the lower age limit for official statistics on persons in the labor force was raised from 14 to 16 years. A detailed discussion of this and other definitional changes introduced at that time including estimates of their effect on the various series, is contained in "New Definitions for Employment and Unemployment" by Robert L. Stein in the February 1967 issue of *Employment and Earnings and Monthly Report on the Labor Force*.

Noncomparability of labor force levels

Before the changes introduced in 1967, the labor force data were not comparable for three earlier periods. (1) Beginning in 1953, as a result of the introduction of data from the 1950 census into the estimation procedure, population levels were raised by about 600,000; labor force, total employment, and agricultural employment by about 350,000, primarily affecting the figures for totals and males; other categories were relatively unaffected; (2) beginning in 1960, the inclusion of Alaska and Hawaii resulted in an increase of about 500,000 in the population and about 300,000 in the labor force, four-fifths of this in nonagricultural employment; other labor force categories were not appreciably affected; (3) beginning in 1962, the introduction of figures from the 1960 census reduced the population by about 50,000, labor force and employment by about 200,000; unemployment totals were virtually unchanged. In addition, beginning in 1972, information from the 1970 census was introduced into the estimation procedures, producing an increase in the civilian noninstitutional population of about 800,000; labor force and employment totals were raised by a little more than 300,000, and unemployment levels and rates were

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essentially unchanged. A subsequent population adjustment based on the 1970 census was introduced in March 1973. This adjustment affected the white and black and other groups but had little effect on totals. The adjustment resulted in the reduction of nearly 300,000 in the white population and an increase of the same magnitude in the black and other population. Civilian labor force and total employment figures were affected to a lesser degree; the white labor force was reduced by 150,000, and the black and other labor force rose by about 210,000. Unemployment levels and rates were not significantly affected.

Beginning in January 1974, the methodology used to prepare independent estimates of the civilian noninstitutional population was modified to an "inflation-deflation" approach. This change in the derivation of the population estimates had its greatest impact on estimates of 20- to 24-year-old males—particularly those of the black-and-other population—but had little effect on 16 and over totals. Additional information on the adjustment procedure appears in "CPS Population Controls Derived from Inflation-Deflation Method of Estimation" in the February 1974 issue of *Employment and Earnings*.

Effective July 1975, as a result of the immigration of Vietnamese refugees into the United States, the total and black-and-other independent population controls for persons 16 years and over were adjusted upward by 76,000—30,000 males and 46,000 females. The addition of the refugees increased the black-and-other population by less than 1 percent in any age-sex group, and all of the changes were in the "other" population.

Beginning in 1978, the introduction of an expansion of the sample and revisions in the estimation procedures resulted in an increase of roughly a quarter of a million in the overall civilian labor force and employment totals; unemployment levels and rates were essentially unchanged. An explanation of the procedural changes and an indication of the differences appear in "Revisions in the Current Population Survey in January 1978" in the February 1978 issue of *Employment and Earnings*.

Beginning in October 1978, the race of the individual was determined by the household respondent for the incoming rotation group households, rather than determined by the interviewer as before. The purpose of this change was to provide more accurate estimates of characteristics by race. Thus, in October 1978, one-eighth of the sample households had race determined by the household respondent and seven-eighths of the sample households had race determined by interviewer observation. It was not until January 1980 that the entire sample had race determined by the household respondent. The new procedure had no significant effect on the estimates.

Beginning in 1979, the first-stage ratio estimation method was changed in the CPS estimation procedure. The new procedure is described in the Estimating Methods section. The reasoning behind the change and an indication of the differences appear in "Change in the Estimation Procedure for the Current Population Survey beginning in January 1979" in the February 1979 issue of *Employment and Earnings*. Differences between the old and new procedures exist only for metropolitan and nonmetropolitan estimates, not for the total U.S.

Changes in the occupational classification system

Beginning with 1971, the comparability of occupational employment data was affected as a result of changes in census occupational classifications introduced into the Current Population Survey (CPS). These changes stemmed from an exhaustive review of the classification system to be used for the 1970 Census of Population. This review, the most comprehensive since the 1940 census, was to reduce the size of large groups, to be more specific about general and "not elsewhere classified" groups, and to provide information on emerging significant occupations. Differences in March 1970 employment levels tabulated on both the 1960 and 1970 classification systems ranged from a drop of 650,000 in operatives to an increase of 570,000 in service workers, much of which resulted from a shift between these two groups; the nonfarm laborers group increased by 420,000, and changes in other groups amounted to 220,000 or less.

An additional major group was created by splitting the operatives category into two: Operatives, except transport, and transport equipment operatives. Separate data for these two groups first became available in January 1972. At the same time, several changes in titles, as well as in order of presentation, were introduced; for example, the title of the managers, officials, and proprietors group was changed to "managers and administrators, except farm," since only proprietors performing managerial duties are included in the category.

Apart from the effects of revisions in the occupational classification system beginning in 1971, comparability of occupational employment data was further affected in December 1971, when a question eliciting information on major activities or duties was added to the monthly CPS questionnaire in order to determine more precisely the occupational classification of individuals. This change resulted in several dramatic occupational shifts, particularly from managers and administrators to other groups. Thus, meaningful comparisons of occupational levels cannot always be made for 1972 and subsequent years with earlier periods. However, revisions in the occupational classification system as well as in the CPS questionnaire are believed to have had but a negligible impact on unemployment rates.

Additional information on changes in the occupational classification system of the CPS appears in "Revisions in Occupational Classifications for 1971" and "Revisions in the Current Population Survey" in the February 1971 and February 1972 issues, respectively, of *Employment and Earnings*.

Changes in sample design

Since the inception of the survey, there have been various changes in the design of the CPS sample. Most of these changes were made in order to improve the efficiency of the sample design and/or to increase the reliability of the sample estimates.

One major change made after every decennial census is to change the sample design to make use of the recently collected census materials. Also, occasionally the sample is expanded in terms of number of sample areas and number of sample persons. In 1953, a rotation plan was introduced in which a sample unit would be interviewed for 4 months, leave the sample for 8 months, and then return to the sample for another 4 months. When Alaska and Hawaii achieved statehood, three more sample areas were added to the sample to account for the population in these States. After the 1960 census, selection of a major portion of the sample from census address lists was begun, though a portion of the sample is still collected using area sampling. Following the 1970 census, the ultimate sampling unit was changed from a noncontiguous cluster of six housing units to a usually contiguous cluster of four housing units. In January 1978, a supplemental sample of 9,000 housing units, selected in 24 States and the District of Columbia and designed to provide more reliable annual average estimates for States, was incorporated with the existing design. A coverage improvement sample, composed of approximately 450 sample household units which represent 237,000 occupied mobile homes and 600,000 new construction housing units, was included in computing the estimates beginning in October 1978 in order to provide coverage of mobile homes and new construction housing units that previously had no chance for selection in the CPS sample. In January 1980 another supplemental sample of 9,000 households selected in 32 States and the District of Columbia was added to the existing sample. A sample reduction of about 6,000 units was implemented in May 1981.

Table A provides a description of some aspects of the CPS sample design in use during the different data collection periods. For a more detailed account of the history of the CPS sample design, see *The Current Population Survey: Design and Methodology*, Technical Paper No. 40, Bureau of the Census, U.S. Department of Commerce, or *Concepts and Methods used in Labor Force Statistics Derived from the Current Population Survey*, BLS Report 463.

ESTIMATING METHODS

Under the estimating methods used in the CPS, all of the results for a given month become available simultaneously and are based on returns from the entire panel of respondents. There are no subsequent adjustments to independent benchmark data on labor force, employment, or unemployment. Therefore, revisions of the historical data are not an inherent feature of this statistical program.

The CPS estimation procedure involves weighting the data from each sample person. The basic weight, which is the inverse of the probability of the person being in the sample, is a rough measure of the number of actual persons that the sample person represents. In States supplemented in the 1978 and 1980 expansions, almost all sample persons within the same sample area have the same basic weight, but the weight may differ across sample areas. The basic weight is the same for almost all sample persons in unsupplemented States. The basic weights are then adjusted for noninterview, and the ratio estimation procedure is applied.

1. *Noninterview adjustment.* The weights for all interviewed households are adjusted to the extent needed to account for occupied sample households for which no information was obtained because of absence, impassable roads, refusals, or unavailability of the respondent for other reasons. This adjustment is made separately by combinations of sample areas within each State and the District of Columbia, and within these, for six groups—two race categories (white, and black and other) within three residence categories. For sample areas which are Standard Metropolitan Statistical Areas (SMSA's), these residence categories are the central cities, and the urban and the rural balance of the SMSA's. For other sample areas, the residence categories are urban, rural nonfarm, and rural farm. The proportion of sample households not interviewed varies from 4 to 5 percent depending on weather, vacations, etc.

2. *Ratio estimates.* The distribution of the population selected for the sample may differ somewhat, by chance, from that of the population as a whole, in such characteristics as age, race, sex, and residence. Since these characteristics are closely correlated with labor force participation and other principal measurements made from the sample, the latter estimates can be substantially improved when weighted appropriately by the known distribution of these population characteristics. This is accomplished through two stages of ratio estimates as follows:

a. *First-stage ratio estimate.* In the CPS, a portion of the 629 sample areas is chosen to represent other areas not in the sample; the remainder of the sample areas represent only themselves. The first-stage ratio estimation procedure was designed to reduce the portion of the variance resulting from requiring sample areas to represent nonsample areas. Therefore, this procedure is not applied to sample areas which represent only themselves. The procedure is performed at two geographic levels: First, by the four census regions (Northeast, North Central, South, and West), and second, for each of the 46 States which contains nonsample areas. The procedure corrects for the differences that existed at the time of the 1970 census between the distribution by race and residence of the population in the sample areas and the known race-residence distribution in the portions of the census region or State represented by these areas. The regional adjustment is performed by metropolitan-nonmetropolitan residence and race, while the State adjustment is done by urban-rural status and race.

b. *Second-stage ratio estimate.* In this stage, the sample proportions in the categories described below are adjusted to the distribution of independent current estimates of the population in the same categories. The second-stage ratio estimate is done in order to increase the reliability of the estimates and is done in three steps. In the first step, the sample estimates are adjusted within each State and the District of Columbia to an independent control for the population 16 years and over for the State. The second step involves "nonwhite" persons only, and is an adjustment to independent estimates of 40 age-sex-race categories across the whole Nation. (The race categories used are black and other minority races.) The third adjustment is applied to all sample persons and is a weighting to nationwide independent population estimates within 68 age-sex-race groups. The entire second-stage ratio estimation procedure is iterated six times, each time beginning at the weights developed the previous time. This iteration ensures that the sample estimates both of State population and of national age-sex-race categories, will be virtually equal to the independent population estimates.

The independent controls by State for the civilian noninstitutional population 16 years and over are an arithmetic extrapolation of the trend in the growth of this segment of the population from the April 1, 1970 census through the latest available July 1 estimate, adjusted as a last step to a current estimate of the U.S. population of this group. State estimates by age for July 1 are published annually in *Current Population Reports*, Series P-25. For a description of the methodology used in developing the State total, see Report 640 of that series. Descriptions of the age estimates methodology are available on request from the Chief of the Population Division, U.S. Bureau of the Census, Washington, D.C. 20233.

Prior to January 1974, the independent national controls used for the age-sex-race groups in both the second and third steps of the second-stage ratio estimation procedure were prepared by carrying forward the most recent census data (1970) after taking account of subsequent aging of the population, births, deaths, and migration between the United States and other countries. Beginning in 1974, the "inflation-deflation" method of deriving independent population controls was introduced into the CPS estimation procedures. These independent controls are prepared by inflating the most recent census counts to include the estimated net census undercount by age, sex, and

Table A. Characteristics of the CPS sample

Time period	Number of sample areas	Households eligible		Households visited not eligible
		Interviewed	Not interviewed	
Aug. 1947 to Jan. 1954	68	21,000	500-1,000	3,000-3,500
Feb. 1954 to Apr. 1956	230	21,000	500-1,000	3,000-3,500
May 1956 to Dec. 1959	330	33,500	1,500	6,000
Jan. 1960 to Feb. 1963	333	33,500	1,500	6,000
Mar. 1963 to Dec. 1966	357	33,500	1,500	6,000
Jan. 1967 to July 1971	449	48,000	2,000	8,500
Aug. 1971 to July 1972	449	45,000	2,000	8,000
Aug. 1972 to Dec. 1977	461	45,000	2,000	8,000
Jan. 1978 to Dec. 1979	614	53,500	2,500	10,000
Jan. 1980 to Apr. 1981	629	62,200	2,800	12,000
May 1981 to present	629	57,500	2,500	11,000

Beginning in May 1956, these areas were chosen to provide coverage in each State and the District of Columbia.

Three sample areas were added in 1960 to represent Alaska and Hawaii after statehood.

race, aging this population forward to each subsequent month and later age by adding births and net migration, and subtracting deaths. These post-censal population estimates are then "deflated" to census level to reflect the pattern of net undercount in the most recent census by age, sex, and race. The actual percent change over time in the population in any age group is preserved.

3. *Composite estimate procedure.* In deriving statistics for a given month, a composite estimating procedure is used which takes account of net changes from the previous month for continuing parts of the sample (75 percent) as well as the sample results for the current month. Almost all estimates of month-to-month change are improved by this procedure, and most estimates of levels are also improved, but to a lesser extent.

Rounding of estimates

The sums of individual items may not always equal the totals shown in the same tables because of independent rounding of totals and components to the nearest thousand. Differences, however, are insignificant.

Reliability of the estimates

There are two types of errors possible in an estimate based on a sample survey—sampling and nonsampling. The standard errors provided primarily indicate the magnitude of the sampling error. They also partially measure the effect of some nonsampling errors in response and enumeration but do not measure any systematic biases in the data.

Nonsampling errors. The full extent of nonsampling error is unknown, but special studies have been conducted to quantify some sources of nonsampling error in the CPS as discussed below. The effect of nonsampling error should be small on estimates of relative change, such as month-to-month change. Estimates of monthly levels would be more severely affected by the nonsampling error.

Nonsampling errors in surveys can be attributed to many sources, e.g., inability to obtain information about all cases in the sample, definitional difficulties, differences in the interpretation of questions, inability or unwillingness of respondents to provide correct information, inability to recall information, errors made in collection such as in recording or coding the data, errors made in processing the data, errors made in estimating values for missing data, and failure to represent all sample households and all persons within sample households (undercoverage).

Nonsampling errors occurring in the interview phase of the survey have been studied by means of a reinterview program. This program is used to estimate various sources of error as well as to evaluate and control the work of the interviewers. A random sample of each interviewer's work is inspected through reinterview at regular intervals. The results indicate, among other things, that the data published from the CPS are subject to moderate systematic biases. A description of the CPS reinterview program and some of the other results may be found in the *Current Population Survey Reinterview Program, January 1961 through December 1966,* Technical Paper No. 19, Bureau of the Census, U.S. Department of Commerce.

The effects of some components of nonsampling error in the CPS data can be examined as a result of the rotation plan used for the sample, since the level of the estimates varies by rotation group. A description of these effects appears in the article "The Effects of Rotation Group Bias on Estimates from Panel Sureys," by Barbara A. Bailar, *Journal of the American Statistical Association,* Volume 70, No. 349, March 1975.

Undercoverage in the CPS results from missed housing units and missed persons within sample households. Overall undercoverage as compared to the level of the decennial census, is about 5 percent. It is known that the CPS undercoverage varies with age, sex, and race. Generally, undercoverage is larger for males than for females and larger for black and other races than for whites. Ratio estimation to independent age-sex-race population controls, as described previously, partially corrects for the biases due to survey undercoverage. However, biases exist in the estimates to the extent that missed persons in missed households or missed persons in interviewed households have different characteristics than interviewed persons in the same age-sex-race group. Further, the independent population controls used have not been adjusted for undercoverage in the 1970 census, which was estimated at 2.5 percent of the population, with differentials by age, sex, and race similar to those observed in the CPS.

Additional information on nonsampling error in the CPS appears in the paper, "An Error Profile: Employment as Measured by the Current Population Survey," by Camilla Brooks and Barbara Bailar, Statistical Policy Working Paper 3, U.S. Department of Commerce, Office of Federal Statistical Policy and Standards; in the paper "The Current Population Survey: An Overview," by Marvin Thompson and Gary Shapiro, *Annals of Economic and Social Measurement,* Vol. 2, April 1973; and in *The Current Population Survey, Design and Methodology,* Technical Paper No. 40, Bureau of the Census, U.S. Department of Commerce. This last document includes a comprehensive and up-to-date discussion of various sources of error, and describes attempts to measure them in the CPS.

Sampling error. The standard error is primarily a measure of sampling variability, that is, of the variation that occurs by chance because a sample rather than the entire population is surveyed. The sample estimate and its estimated standard error enable one to construct confidence intervals, ranges that would include the average of all possible samples with a known probability. For example, if all possible samples were selected, each of these surveyed under essentially the same general conditions and using the same sample design, and an estimate and its estimated error were calculated from each sample, then:

1. Approximately 68 percent of the intervals from one standard error below the estimate to one standard error above the estimate would include the average result of all possible samples.
2. Approximately 90 percent of the intervals from 1.6 standard errors below the estmate to 1.6 standard errors above the estimate would include the average of all possible samples.
3. Approximately 95 percent of the intervals from 2 standard errors below the estimate to 2 standard errors above the estimate would include the average result of all possible samples.

In order to derive standard errors that would be applicable to a large number of estimates and could be prepared at a moderate cost, a number of approximations were required. First, the standard errors in this volume reflect the sample design and estimation procedures in effect prior to the expansions for State estimates. Thus, these standard errors may slightly overstate the standard errors applicable to the present design. Second, instead of computing an individual standard error for each estimate, generalized sets of standard errors were computed for various types of characteristics. This generalization yields more stable estimates of the standard errors. Consequently, the sets of standard errors provided give an indication of the order of magnitude of the standard error of an estimate rather than the precise standard error.

Tables B and C show approximate standard errors for major employment status characteristics for monthly estimates and for changes for consecutive months. These standard errors are applicable to the level of the estimates in recent months.

Tables D through H provide generalized standard errors for monthly level and month-to-month change for estimated totals, unemployment rates, and percentages. Table I contains factors for use with table H for computing standard errors, as described below, for monthly level and month-to-month change for percentages. Standard errors for intermediate values not shown in the tables may be approximated by linear interpolation. The standard error for estimated changes from one month to the next is more closely related to the monthly level for the characteristic than to the size of the specific month-to-month change itself. Thus, in order to use the generalized standard errors for month-to-month change as given in the tables of standard errors, it is necessary to obtain the monthly estimate for the

not published when the monthly base is less than 75,000 or the annual average base is less than 35,000.

Tables F and G show generalized standard errors for monthly level and month-to-month change for unemployment rates.

Generalized standard errors for estimated monthly percentages and estimated month-to-month change in percentages can be obtained through the use of the standard errors in table H and the factors in table I. First obtain the standard error from table H for the specific percentage and base. The generalized standard error is then calculated by multiplying the standard error from table H by the appropriate factor from table I. When the numerator and denominator of the percentage are in different categories, use the factor indicated by the numerator of the percentage.

Illustration. For example, assume that in a given month 3.6 percent of a total of 90,771,000 employed persons are employed in agriculture. First the standard error on an estimate of 3.6 percent with a base of 90,771,000 is obtained from table H (0.09 percentage point). The appropriate factor from table I for the numerator of the percentage, agricultural employment, is 1.26. The generalized standard error characteristic. It should be noted that the tables of standard errors for month-to-month change apply only to estimates of change between two consecutive months. Estimates of change for nonconsecutive months are subject to higher standard errors. Table J contains factors for use with tables D,F,H,and I to compute approximate standard errors, as described below, for levels, labor force participation rates, and percentages as pertaining to year-to-year change of monthly estimates, quarterly averages, changes in quarterly averages, yearly averages and changes in yearly averages. Note that standard errors for changes in quarterly and yearly estimates apply only to consecutive quarters and years. For years prior to 1967, the standard errors must be adjusted due to the differences in the sample size. For years prior to 1956, the standard errors should be multiplied by 1.50 and for the 1956-66 period they should by multiplied by 1.22. Table K provides generalized standard errors for quarterly estimates of persons and families for use with the CPS earnings data.

Standard errors for estimated totals. Tables D and E provide generalized standard errors for monthly totals and for month-to-month change. The figures given in these tables are to used for the characteristics as indicated.

Illustration. Assume that in a given month the number of persons working a specific number of hours was 12,000,000, an increase of 400,000 over the previous month. Linear interpolation in the second column of table D shows that the standard error on an estimate of 12,000,000 is about 150,000. The 68 percent confidence interval as shown by these data is from 11,850,000 to 12,150,000. Therefore, a conclusion that the average estimate derived from all possible samples lies within a range computed in this way would be correct for roughly 68 percent of all possible samples. Recall that the standard error of a month-to-month change is primarily dependent on the size of the monthly estimate. Thus, using linear interpolation in the first column of table E the standard error on a month-to-month change of 400,000 when the monthly level is approximately 12,000,000 is about 111,000.

Standard errors for rates and percentages. The reliability of an estimated unemployment rate or an estimated percentage, computed using sample data for both numerator and denominator, depends on both the size of the rate or percentage and the total upon which the rate or percentage is based. Estimated rates and percentages are relatively more reliable than the corresponding estimates of the numerator of the rates or percentages; this is particularly true for percentages of 50 percent or more. As a general rule, percentages are on the estimated 3.6 percent is then approximately 0.09 x 1.26 = 0.1 percentage point.

Standard errors for year-to-year change of monthly estimates, quarterly averages, changes in quarterly averages, yearly averages and changes in yearly averages. The approximate standard errors of levels, rates and percentages involving year-to-year change of monthly estimates, quarterly averages, changes in quarterly averages, yearly averages and changes in yearly averages may be obtained by using table J in conjunction with the other tables. Standard errors for estimates of change are more closely related to the level of the estimate than to the size of the specific change. Thus, to obtain the standard error of an estimate of an average level, rate, or percentage, or an estimate of a change in level, rate, or percentage, it is first necessary to find the appropriate estimate of level. For an estimate of an average level, rate or percentage, find the standard error of this estimate. For an estimate of change in level, rate or percentage, find the standard error of the average of the two estimates affecting the change. Then, after computing the standard error by treating these estimates as monthly estimates and using the procedures above, multiply this result by a suitable factor from table J to obtain the approximate standard error for the average or change.

Illustration. For example, suppose that one is interested in the year-to-year change of a monthly unemployment rate. Let us assume that for a certain month the unemployment rate is 6.9 percent based on a total of 95,676,000 in the civilian labor force, and that a year prior to this the unemployment rate was 6.1 percent based on a total of 94,254,000 in the civilian labor force for the month. First, the standard error on the average of the two estimates, 6.5 percent with a base of 94,965,000, is obtained from table F (0.11 percentage point). The appropriate factor then from table J is 1.40. The approximate standard error on the change of 0.8 percent is then given by 0.11x1.40 = 0.15 percentage point.

The approximate standard error of levels involving year-to-year change of quarterly estimates pertaining to CPS earnings data for per-

Table B. Standard errors for major employment status categories

(In thousands)

Employment status, sex, age, and race	Standard error of-	
	Monthly level	Month-to-month change (consecutive months only)
Total, 16 years and over		
Civilian labor force	208	161
Employed	229	175
Unemployed	122	123
Males, 20 years and over		
Civilian labor force	113	95
Employed	131	114
Unemployed	84	85
Females, 20 years and over		
Civilian labor force	167	124
Employed	168	128
Unemployed	71	74
Both sexes, 16-19 years		
Civilian labor force	80	85
Employed	85	94
Unemployed	58	72
Black and other, 16 years and over		
Civilian labor force	73	56
Employed	84	63
Unemployed	59	62
Males, 20 years and over		
Civilian labor force	40	34
Employed	49	43
Unemployed	40	42
Females, 20 years and over		
Civilian labor force	62	46
Employed	62	48
Unemployed	36	40
Both sexes, 16-19 years		
Civilian labor force	33	37
Employed	31	36
Unemployed	28	30

sons and families may be obtained by using table K in conjunction with the following formula:

$$\text{Standard error of year-to-year change} = \sqrt{\left(\begin{matrix}\text{Standard}\\ \text{error}\end{matrix}\right)_X^2 + \left(\begin{matrix}\text{Standard}\\ \text{error}\end{matrix}\right)_Y^2 - 2(P)\left(\begin{matrix}\text{Standard}\\ \text{error}\end{matrix}\right)_X \left(\begin{matrix}\text{Standard}\\ \text{error}\end{matrix}\right)_Y},$$

where X is the estimate for one quarter and Y is the estimate for another quarter. The coefficient, P, is a measure of the correlation between the estimates X and Y resulting from the presence of some of the same respondents in the sample for each estimate. For consecutive year-to-year changes of quarterly estimates, the values of P are .30 for persons (total, white, and black) and .35 for families (total, white, and black). The respective values for estimates of Hispanics are .45 and .55.

Illustration:

Assume that in a given quarter the number of women employed as full-time wage and salary workers was 27,000,000 and in the same quarter a year later their number had inreased to 29,000,000. Using linear interpolation in the eighth column of table K, the standard error of an estimate of 27,000,000 is 216,000; for 29,000,000 it is 221,000. Using the above formula, the standard error of the 2,000,000, year-to-year change is:

$$\sqrt{(216{,}000)^2 + (221{,}000)^2 - 2\,(.30)\,(216{,}000)\,(221{,}000)},$$

or about 259,000.

Table C. Standard errors for unemployment rates by major characteristics

Selected categories	Standard error of-	
	Monthly level	Consecutive month change
Total (all civilian workers)	0.12	0.12
Males, 20 years and over	.15	.15
Females, 20 years and over	.17	.18
Both sexes, 16-19 years	.57	.67
White workers	.12	.12
Black (and other) workers	.46	.49
Married men, spouse present	.15	.16
Married women, spouse present	.21	.23
Full-time workers	.12	.13
Part-time workers	.32	.40
Unemployed 15 weeks and over	.06	.07
OCCUPATION		
White collar workers	.12	.13
Professional and technical	.16	.20
Managers and administrators, except farm	.20	.23
Sales workers	.36	.41
Clerical workers	.23	.25
Blue-collar workers	.24	.26
Craft and kindred workers	.33	.37
Blue-collar workers—Continued		
Operatives, except transport	0.44	0.50
Transport equipment operatives	.70	.77
Nonfarm laborers	.71	.81
Service workers	.32	.36
Farm workers	.54	.62
INDUSTRY		
Nonagricultural private wage and salary workers	.13	.13
Construction	.59	.70
Manufacturing	.27	.30
Durable goods	.37	.41
Nondurable goods	.39	.45
Transportation and public utilities	.38	.42
Wholesale and retail trade	.26	.29
Finance and service industries	.17	.19
Government workers	.20	.23
Agricultural wage and salary workers	1.07	1.26

Table D. Standard errors for estimates of monthly level

(In thousands)

Estimated monthly level	Characteristic[1]								
		Labor force data other than unemployment and agricultural employment data						Unemployment	
	Agricultural employment	Total or white	Black and other	Total or white, 16-19 years	Black and other, 16-19 years	Total or white males only, or females only	Black and other males only, or females only	Total or white	Black and other
50	13	10	10	10	10	9	9	10	11
100	18	14	14	14	14	13	13	14	15
500	41	32	32	32	28	30	29	31	33
1,000	57	45	44	44	33	42	40	44	46
2,000	81	64	60	60	13	59	52	62	63
4,000	113	90	79	77	-	82	60	87	83
6,000	137	109	88	84	-	99	53	106	93
8,000	-	125	90	84	-	113	16	122	-
10,000	-	139	87	76	-	124	-	135	-
15,000	-	166	36	-	-	146	-	163	-
20,000	-	188	-	-	-	161	-	182	-
30,000	-	219	-	-	-	177	-	-	-
40,000	-	249	-	-	-	178	-	-	-
50,000	-	253	-	-	-	164	-	-	-
60,000	-	260	-	-	-	131	-	-	-
70,000	-	260	-	-	-	49	-	-	-
80,000	-	254	-	-	-	-	-	-	-
100,000	-	221	-	-	-	-	-	-	-
120,000	-	143	-	-	-	-	-	-	-

[1] When determining the standard error of an estimate for a group which is a subset of the age, sex, or race groups listed, use the standard error for the next larger group, e.g., when determining the standard error on the estimated number of employed persons age 20 to 54 years, use the column for total employed.

Table E. Standard errors for estimates of month-to-month change

(In thousands)

Estimated monthly level	Characteristic[1]							
	Labor force data other than unemployment and agricultural employment data				Unemployment			
	Total or white	Black and other	Total or white, 16-19 years	Black and other, 16-19 years	Total or white	Both sexes 16-19 years, or part-time labor force[2]	Black and other	Black and other, 16-19 years
50	8	8	12	12	11	12	12	12
100	11	11	17	17	16	17	16	17
500	24	23	37	33	35	39	36	34
1,000	34	33	52	37	48	55	49	39
2,000	47	45	70	-	68	77	65	-
4,000	66	58	89	-	93	107	80	-
6,000	81	65	96	-	110	129	-	-
8,000	93	68	93	-	123	147	-	-
10,000	103	65	78	-	132	162	-	-
15,000	123	33	-	-	145	191	-	-
20,000	130	-	-	-	146	211	-	-
30,000	163	-	-	-	-	-	-	-
40,000	179	-	-	-	-	-	-	-
50,000	189	-	-	-	-	-	-	-
60,000	194	-	-	-	-	-	-	-
70,000	195	-	-	-	-	-	-	-
80,000	191	-	-	-	-	-	-	-
100,000	179	-	-	-	-	-	-	-
120,000	119	-	-	-	-	-	-	-

[1] See footnote 1, table D.

[2] Part-time labor force for unemployment also includes persons reentering the labor force, persons who left their last job, and persons by duration of unemployment.

Table F. Standard errors for unemployment rates

Monthly base of unemployment rate (In thousands)	Monthly unemployment rate (percent)									
	1	2	5	10	15	20	25	30	35	50
50	2.05	2.88	4.49	6.18	7.36	8.25	8.93	9.46	9.85	10.36
100	1.45	2.04	3.18	4.37	5.20	5.83	6.32	6.69	6.97	7.33
500	65	91	1.42	1.96	2.33	2.61	2.82	2.99	3.12	3.28
1,000	46	65	1.01	1.38	1.65	1.84	2.00	2.12	2.21	2.32
2,000	32	46	71	98	1.17	1.31	1.42	1.50	1.56	1.64
4,000	23	32	50	69	83	92	1.00	1.06	1.10	1.16
6,000	19	26	41	57	67	75	82	86	90	94
10,000	15	21	32	44	52	59	63	67	70	73
20,000	11	15	23	31	37	41	45	47	49	51
60,000	06	08	12	17	20	23	25	26	27	28
100,000	04	06	10	13	16	18	19	20	21	22

Table G. Standard errors for month-to-month change in unemployment rates

Monthly base of unemployment rate (In thousands)	Monthly unemployment rate (percent)									
	1	2	5	10	15	20	25	30	35	50
50	2.32	3.28	5.12	7.10	8.52	9.64	10.05	11.39	11.87	12.55
100	1.64	2.32	3.62	5.02	6.02	6.81	7.11	8.05	8.39	8.87
500	74	1.04	1.62	2.25	2.69	3.04	3.17	3.58	3.73	3.93
1,000	52	73	1.15	1.59	1.90	2.15	2.24	2.52	2.62	2.74
2,000	37	52	81	1.12	1.34	1.51	1.57	1.76	1.83	1.89
4,000	26	37	57	79	94	1.06	1.10	1.22	1.26	1.26
6,000	21	30	47	64	76	86	89	97	1.00	–
10,000	16	13	36	49	59	65	67	72	–	–
20,000	11	15	24	33	39	44	48	51	–	–
60,000	06	09	13	18	21	22	23	–	–	–
100,000	05	07	10	13	14	14	–	–	–	–

Table H. Standard errors for estimated percentages and month-to-month change in percentages for labor force data

Monthly base of percentages (In thousands)	Percentage of monthly level									
	1 or 99	2 or 98	5 or 95	10 or 90	15 or 85	20 or 80	25 or 75	30 or 70	35 or 65	50
50	2.03	2.85	4.44	6.12	7.28	8.[illegible]	8.83	9.34	9.72	10.19
100	1.43	2.02	3.14	4.32	5.15	5.77	6.24	6.61	6.88	7.21
500	64	90	1.41	1.93	2.30	2.58	2.79	2.95	3.07	3.22
1,000	45	64	99	1.37	1.63	1.82	1.97	2.09	2.17	2.28
2,000	32	45	70	97	1.15	1.29	1.40	1.48	1.54	1.61
4,000	23	32	50	68	81	91	99	1.04	1.09	1.14
6,000	19	26	41	56	66	74	81	85	89	93
10,000	14	20	31	43	51	58	62	66	69	73
20,000	10	14	22	31	36	41	44	47	49	51
40,000	07	10	16	22	26	29	31	33	34	36
60,000	06	08	13	18	21	24	25	27	28	29
80,000	05	07	11	15	18	20	22	23	24	25
100,000	05	06	10	14	16	18	20	21	22	23
160,000	04	05	08	11	13	14	16	17	17	18

NOTE: The standard errors in this table must be multiplied by the factors in table I to obtain the approximate standard error for a specific characteristic.

Table I. Factors to be used with Table H to compute approximate standard errors for percentages and month-to-month change in percentages

Characteristic	Factor		Characteristic	Factor	
	Monthly level	Month-to-month change		Monthly level	Month-to-month change
Agricultural employment			Unemployment		
Total or full-time labor force	1.26	1.05	Part-time labor force, duration of unemployment, left last job, reentering labor force	1.01	1.21
Part-time labor force	1.26	1.50			
Labor force data other than agricultural employment data and unemployment data			All other unemployment characteristics		
Total	1.00	.74	Total or white		
Males only	.93	.84	Total	.97	1.08
Females only	.86	.75	Both sexes, 16-19 years	.97	1.21
Both sexes, 16-19 years	1.00	1.18	Black and other		
Part-time labor force	1.00	1.18	Total	1.04	1.13
			Both sexes, 16-19 years	1.04	1.24

Table J. Factors to be used with Tables, D, F, H, and I to compute the approximate standard errors for levels, rates, and percentages for year-to-year change of monthly estimates, quarterly averages, change in quarterly averages, yearly averages, and change in yearly averages

Characteristic	Factors				
	Year-to-year change of monthly estimate	Quarterly averages	Change in quarterly averages	Yearly averages	Change in yearly averages
Agricultural employment					
Total or males	1.30	0.89	0.80	0.72	0.70
Females or teenagers (16-19 years)	1.30	.83	.80	.58	.70
Part time	1.40	.74	.80	.46	.70
Labor force data other than agricultural employment data and unemployment data					
Total or white	1.30	.88	.88	.67	.70
Black and other or teenagers (16-19 years)	1.30	.82	.88	.57	.70
Part time	1.40	.74	.88	.46	.60
Unemployment					
Total	1.40	.76	.88	.50	.65
Part time	1.40	.69	.88	.39	.54

Table K. Standard errors for estimates of quarterly level

(In thousands)

Estimated quarterly level	Characteristic								
	Total			Males				Females	
	Part-time workers	Total or full-time workers		Part-time workers	Total or full-time workers			Total, full-time, or part-time workers	
		Total or white	Black		Total	White	Black	Total or white	Black
10	5	5	5	5	5	5	5	5	5
50	11	12	12	11	12	12	12	11	11
75	13	15	15	13	15	15	15	13	13
100	15	17	17	15	17	17	17	15	15
150	19	21	21	19	21	21	21	19	19
200	22	24	24	22	24	24	24	22	21
250	24	27	27	24	27	27	27	24	24
300	26	30	30	26	30	30	29	26	26
500	34	38	38	34	38	38	37	34	33
750	42	47	46	42	47	47	45	42	41
1,000	48	54	53	48	54	54	50	48	46
1,500	59	66	63	59	66	66	59	59	56
2,000	68	76	72	68	76	76	65	68	63
2,500	76	85	79	75	84	84	69	75	69
3,000	83	93	85	82	92	92	71	82	74
5,000	107	119	100	105	117	116	64	105	85
7,500	130	145	107	127	140	138	–	127	–
10,000	149	165	102	144	157	155	–	145	–
15,000	180	198	–	187	183	179	–	173	–
20,000	205	224	–	192	199	133	–	195	–
25,000	226	244	–	207	209	199	–	211	–
30,000	224	261	–	219	212	198	–	224	–
40,000	273	286	–	236	201	174	–	242	–
50,000	296	301	–	–	–	–	–	–	–
75,000	331	304	–	–	–	–	–	–	–
100,000	343	255	–	–	–	–	–	–	–

Establishment Data
(B, C, and D tables)

COLLECTION

Payroll reports provide current information on wage and salary employment, hours, earnings, and labor turnover in nonagricultural establishments, by industry and geographic location.

Federal-State cooperation

Under cooperative arrangements, responding establishments report employment, hours, and earnings data and/or labor turnover data to State agencies. State agencies mail the forms to the establishments and examine the returns for consistency, accuracy, and completeness. The States use the reported data to prepare State and area series and also send the reported data to the BLS (Washington Office) for use in preparing the national series. This avoids a duplicate reporting burden on establishments, and together with the use of similar estimating techniques at the national and State levels, promotes increased comparability between estimates.

Shuttle schedules

Two types of data collection schedules are used: Form BLS 790—Report on Employment, Payroll, and Hours; and Form DL 1219—Monthly Report on Labor Turnover. The collection agency returns the schedule to the respondent each month so that the next month's data can be entered on the space allotted for that month. This "shuttle" procedure assures maximum comparability and accuracy of reporting, since the respondent can see the figures that have been reported for previous months.

Form BLS 790 provides for entry of data on the total number of full- and part-time workers on the payrolls of nonagricultural establishments and, for most industries, employment, payroll, and hours of production and related workers or nonsupervisory workers for the pay period which includes the 12th of the month. Form DL 1219 provides for the collection of information on the total number of accessions and separations, by type, during the calendar month, and total employment during the pay period which includes the 12th of the month.

CONCEPTS

Industrial classification

Establishments reporting on Form BLS 790 and Form DL 1219 are classified into industries on the basis of their principal product or activity determined from information on annual sales volume. Since January 1980, this information is collected on a supplement to the quarterly unemployment insurance tax reports filed by employers. For an establishment making more than one product or engaging in more than one activity, the entire employment of the establishment is included under the industry indicated by the principal product or activity.

All data on employment, hours, earnings, and labor turnover for the Nation and for most States and areas are classified in accordance with the 1972 *Standard Industrial Classification Manual* (SICM), Office of Management and Budget. The BLS tabulates and estimates statistics which distinguish between private and public establishments, thus maintaining continuity with previously published statistics for the private and government sectors.

Industry employment

Employment data, except those for the Federal Government, refer to persons on establishment payrolls who received pay for any part of the pay period which includes the 12th of the month. For Federal Government establishments, employment figures represent the number of persons who occupied positions on the last day of the calendar month. Intermittent workers are counted if they performed any service during the month.

The data exclude proprietors, the self-employed, unpaid volunteer or family workers, farm workers, and domestic workers in households. Salaried officers of corporations are included. Government employment covers only civilian employees; military personnel are excluded. Employees of the Central Intelligence and National Security Agencies are also excluded.

Persons on establishment payrolls who are on paid sick leave (when pay is received directly from the firm), on paid holiday or paid vacation, or who work during a part of the pay period even though they are unemployed or on strike during the rest of the period are counted as employed. Not counted as employed are persons who are on layoff, on leave without pay, or on strike for the entire period or who were hired but have not yet reported during the period.

Industry hours and earnings

Average hours and earnings data are derived from reports of payrolls and hours for production and related workers in manufacturing and mining, construction workers in construction, and nonsupervisory employees in private service-producing industries.

Production and related workers include working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (e.g., power plant), and recordkeeping and other services closely associated with the above production operations.

Construction workers include the following employees in the construction division: Working supervisors, qualified craft workers, mechanics, apprentices, laborers, etc., whether working at the site of construction or in shops or yards, at jobs (such as precutting and preassembling) ordinarily performed by members of the construction trades.

Nonsupervisory employees include employees (not above the working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, physicians, lawyers, accountants, nurses, social workers, research aides, teachers, drafters, photographers, beauticians, musicians, restaurant workers, custodial workers, attendants, line installers and repairers, laborers, janitors, guards, and other employees at similar occupational levels whose services are closely associated with those of the employees listed.

Payroll covers the payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of the pay period which includes the 12th of the month. The payroll is reported before deductions of any kind, e.g., for old-age and unemployment insurance, group insurance, withholding tax, bonds, or union dues; also included is pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), other pay not earned in the pay period reported (e.g., retroactive pay), tips, and the value of free rent, fuel, meals, or other payment in kind are excluded. "Fringe benefits" (such as health and other types of insurance, contributions to retirement, etc., paid by the employer) are also excluded.

Hours cover the hours paid for, during the pay period which includes the 12th of the month, for production, construction, or nonsupervisory workers. Included are hours paid for holidays and vacations, and for sick leave when pay is received directly from the firm.

Overtime hours covers hours worked by production or related workers for which overtime premiums were paid because the hours were in excess of the number of hours of either the straight-time workday or the workweek during the pay period which includes the 12th of

the month. Weekend and holiday hours are included only if overtime premiums were paid. Hours for which only shift differential, hazard, incentive, or other similar types of premiums were paid are excluded.

Gross average hourly and weekly earnings. Average hourly earnings are on a "gross" basis. They reflect not only changes in basic hourly and incentive wage rates but also such variable factors as premium pay for overtime and late-shift work and changes in output of workers paid on an incentive plan. They also reflect shifts in the number of employees between relatively high-paid and low-paid work and changes in workers' earnings in individual establishments. Averages for groups and divisions further reflect changes in average hourly earnings for individual industries.

Averages of hourly earnings differ from wage rates. Earnings are the actual return to the worker for a stated period of time; rates are the amount stipulated for a given unit of work or time. The earnings series do not measure the level of total labor costs on the part of the employer since the following are excluded: Irregular bonuses, retroactive items, payments of various welfare benefits, payroll taxes paid by employers, and earnings for those employees not covered under the production worker, construction worker, or nonsupervisory employee definitions.

Gross average weekly earnings estimates are derived by multiplying average weekly hours estimates by average hourly earnings estimates. Therefore, weekly earnings are affected not only by changes in gross average hourly earnings but also by changes in the length of the workweek. Monthly variations in such factors as proportion of part-time workers, stoppages for varying reasons, labor turnover during the survey period, and absenteeism for which employees are not paid may cause the average workweek to fluctuate.

Long-term trends of gross average weekly earnings can be affected by structual changes in the makeup of the work force. For example, persistent long-term increases in the proportion of part-time workers in retail trade and many of the services industries have reduced average workweeks in these industries and have affected the average weekly earnings series.

Average weekly hours. The workweek information relates to the average hours for which pay was received and is different from standard or scheduled hours. Such factors as unpaid absenteeism, labor turnover, part-time work, and stoppages cause average weekly hours to be lower than scheduled hours of work for an establishment. Group averages further reflect changes in the workweek of component industries.

Average overtime hours. The overtime hours represent that portion of the gross average weekly hours which exceeded regular hours and for which overtime premiums were paid. If an employee were to work on a paid holiday at regular rates, receiving as total compensation his or her holiday pay plus straight-time pay for hours worked that day, no overtime hours would be reported.

Since overtime hours are premium hours by definition, gross weekly hours and overtime hours do not necessarily move in the same direction from month to month; for example, overtime premiums may be paid for hours in excess of the straight-time workday although less than a full week is worked. Diverse trends at the industry-group level also may be caused by a marked change in hours for a component industry where little or no overtime was worked in both the previous and current months. In addition, such factors as stoppages, absenteeism, and labor turnover may not have the same influence on overtime hours as on gross hours.

Railroads hours and earnings. The figures for Class I railroads (excluding switching and terminal companies) are based on monthly data summarized in the M-300 report of the Interstate Commerce Commission and relate to all employees except executives, officials, and staff assistants (ICC group I) who received pay during the month. Gross average hourly earnings are computed by dividing total compensation by total hours paid for. Average weekly hours are obtained by dividing the total number of hours paid for, reduced to a weekly basis, by the number of employees, as defined above. Gross average weekly earnings are derived by multiplying average weekly hours by average hourly earnings.

Spendable average weekly earnings. Spendable average weekly earnings in current dollars are obtained by deducting estimated Federal social security and income taxes from average weekly earnings. The amount of income tax liability depends on the number of dependents supported by the worker, the worker's marital status and level of gross income. To reflect these variables, the Bureau calculates two sets of spendable earnings series based on the assumptions that the worker earned the gross average weekly earnings and was taxed at the rates applicable to either (1) a single worker with no dependents, or (2) a married worker with three dependents who files a joint return. The computations are based on gross average weekly earnings for all production or nonsupervisory workers in the industry division excluding other income and income earned by other family members.

The series reflect the spendable earnings of only those workers, with no dependents or three dependents, whose gross weekly pay approximates the average earnings indicated for all production and nonsupervisory workers. It does not reflect, for example, the average earnings of all married workers with three dependents; such workers, in fact, have higher gross average earnings than workers with no dependents.

Since part-time as well as full-time workers are included, and since the proportion of part-time workers has been rising, the series understates the increase in earnings for full-time workers. As noted, "fringe benefits" are not included in the earnings. For a more complete discussion of the uses and limitations of these series, see the article by Paul M. Schwab, "Two Divergent Measures of Purchasing Power," in the *Monthly Labor Review* for August 1979. Reprints of this ariticle are available upon request from the Bureau of Labor Statistics.

"Real" earnings, or earnings in constant dollars, are calculated from the earnings averages for the current month using a deflator derived from the Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W).

Average hourly earnings excluding overtime. Average hourly earnings excluding overtime premium pay are computed by dividing the total production-worker payroll for the industry group by the sum of total production-worker hours and one-half of total overtime hours. Prior to January 1956, these data were based on the application of adjustment factors to gross average hourly earnings (as described in the *Monthly Labor Review*, May 1950, pp. 537-40). Both methods eliminate only the earnings due to overtime paid for at 1½ times the straight-time rates. No adjustment is made for other premium payment provisions, such as holiday work, late-shift work, and overtime rates other than time and one-half.

Indexes of aggregate weekly payrolls and hours. The indexes of aggregate weekly payrolls and hours are prepared by dividing the current month's aggregate by the average of the 12 monthly figures for 1977. For basic industries, the hour aggregates are the product of average weekly hours and production-worker or nonsupervisory-worker employment, and the payroll aggregates are the product of hour aggregates and average hourly earnings. At all higher levels of industry aggregation, hour and payroll aggregates are the sum of the component aggregates.

Indexes of diffusion of changes in number of employees on nonagricultural payrolls. These indexes measure the percent of industries which posted increases in employment over the specified time span. The indexes are calculated from 172 unpublished seasonally adjusted employment series (two-digit nonmanufacturing industries and three-digit manufacturing industries) covering all nonagricultural payroll employment in the private sector. A more detailed discussion of these indexes appears in "Introduction of Diffusion Indexes," in the December 1974 issue of *Employment and Earnings*.

Labor turnover

Labor turnover is the gross movement of wage and salary workers into and out of employed status with respect to individual establishments. This movement, which relates to a calendar month, is divided into two broad types: *Accessions* (new hires and rehires) and *separations* (terminations of employment initiated by either employer or employee). Each type of action is cumulated for a calendar month and expressed as a rate per 100 employees. The data relate to all employees, whether full- or part-time, permanent or temporary, including executive, office, sales, other salaried personnel, and production workers. The inclusion of transfers to or from another establishment of the company as separations and accessions began January 1959.

Accessions are the total number of permanent and temporary additions to the employment roll, including both new and rehired employees.

New hires are temporary or permanent additions to the employment roll of persons who have never before been employed in the establishment (except employees transferring from another establishment of the same company) or of former employees not recalled by the employer.

Recalls are permanent or temporary additions to the employment roll of persons specifically recalled to a job in the same establishment of the company following a period of layoff lasting more than 7 consecutive days. (The collection of recalls, as a separate item, began January 1976.).

Other accessions are all additions to the employment roll which are not classified as new hires or recalls. These include transfers from other establishments of the company and former employees returning from military leave or other absences without pay who have been counted as separations. Data on other accessions are not published separately but are included in total accessions.

Separations are terminations of employment during the calendar month and are classified according to cause—quits, layoffs, and other separations—defined as follows:

Quits are terminations of employment initiated by employees, failure to report after being hired (if counted as new hires previously), and unauthorized absences, if, on the last day of the month, the person has been absent more than 7 consecutive calendar days.

Layoffs are suspensions without pay lasting or expected to last more than 7 consecutive calendar days, initiated by the employer without prejudice to the worker.

Other separations, which are not published separately but are included in total separations, are terminations of employment because of discharge, permanent disability, death, retirement, transfer to another establishment of the company, and entrance into the Armed Forces for a period expected to last more than 30 consecutive calendar days.

Relationship of labor turnover to employment series

Month-to-month changes in total employment in manufacturing industries reflected by labor turnover rates are not strictly comparable with the changes shown in the Bureau's employment series for the following reasons: (1) Accessions and separations are computed for the entire calendar month; the employment reports refer to the pay period which includes the 12th of the month; and (2) employees on strike are not counted as turnover actions although such employees are excluded from the employment estimates if the work stoppage extends through the report period.

ESTIMATING METHODS

The principal features of the procedure used to estimate employment for the establishment statistics are (1) the use of the "link relative" technique, which is a form of ratio estimation, (2) periodic adjustment of employment levels to new benchmarks, and (3) the use of size and regional stratification.

The "link relative" technique

From a sample composed of establishments reporting for both the previous and current months, the ratio of current month employment to that of the previous month is computed. This is called a "link relative." The estimates of employment (all employees, including production and nonproduction workers together) for the current month are obtained by multiplying the estimates for the previous month by these "link relatives." In addition, small bias correction factors are applied to selected employment estimates each month. The size of the bias correction factors is determined from past experience. Other features of the general procedures are described in table L.

Size and regional stratification

A number of industries are stratified by size of establishment and/or by region, and the stratified production- or nonsupervisory worker-data are used to weight the hours and earnings into broader industry groupings. Accordingly, the basic estimating cell for an employment, hours, or earnings series, as the term is used in the summary of computational methods in table L, may be a whole industry or a size stratum, a region stratum, or a size stratum of a region within an industry. The labor turnover estimates are stratified by industry only.

Benchmark adjustments

Employment estimates are compared periodically with comprehensive counts of employment which provide "benchmarks" for the various nonagricultural industries, and appropriate adjustments are made as indicated. The industry estimates are currently projected from March 1980 levels. Normally, benchmark adjustments are made annually.

The primary sources of benchmark information are employment data, by industry, compiled quarterly by States agencies from reports of establishments covered under State unemployment insurance laws. These tabulations cover about 98 percent of employees on nonagricultural payrolls in the United States. Benchmark data for the residual are obtained from the records of the Social Security Administration, the Interstate Commerce Commission, and a number of other agencies in private industry or government.

The estimates for the benchmark month are compared with new benchmark levels, industry by industry. If revisions are necessary, the monthly series of estimates between benchmark periods are adjusted between the new benchmark and the preceding one, and the new benchmark for each industry is then carried forward progressively to the current month by use of the sample trends. Thus, under this procedure, the benchmark is used to establish the level of employment; the sample is used to measure the month-to-month changes in the level. A comparison of the actual amounts of revisions made at the time of the March 1980 benchmark adjustment is shown in table M.

Data for all months since the last benchmark to which the series has been adjusted are subject to revision. Revised data are published as soon as possible after each benchmark revision.

THE SAMPLE

Design

The sampling plan used in the current employment statistics program is know as "sampling proportionate to average size of establishment." This design is an optimum allocation design among strata since the sampling variance is proportional to the average size of establishments. Under this type of design, large establishments fall into the sample with certainty. The size of the sample for the various industries is determined empirically on the basis of experience and of cost considerations. In a manufacturing industry in which a high proportion of total employment is concentrated in relatively few establishments, a large percent of total employment is included in the sample. Consequently, the sample design for such industries provides for a complete census of the large establishments with only a few

Table L. Summary of methods for computing industry statistics on employment, hours, earnings, and labor turnover

Item	Basic estimating cell (industry, region, size, or region/size cell)	Aggregate industry levels (divisions, groups and, where stratified, individual cells)
	Monthly data	
All employees	All-employee estimate for previous month multiplied by ratio of all employees in current month to all employees in previous month, for sample establishments which reported for both months.	Sum of all-employee estimates for component cells.
Production or nonsupervisory workers, women employees	All-employee estimate for current month multiplied by (1) ratio of production or nonsupervisory workers to all employees in sample establishments for current month, (2) estimated ratio of women to all employees.	Sum of production- or nonsupervisory-worker estimates, or estimates of women employees, for component cells.
Gross average weekly hours	Production- or nonsupervisory-worker hours divided by number of production or nonsupervisory workers.[1]	Average, weighted by production- or nonsupervisory-worker employment, of the average weekly hours for component cells.
Average weekly overtime hours	Production-worker overtime hours divided by number of production workers.[1]	Average, weighted by production-worker employment, of the average weekly overtime hours for component cells.
Gross average hourly earnings	Total production- or nonsupervisory-worker payroll divided by total production- or nonsupervisory-worker hours.[1]	Average, weighted by aggregate hours, of the average hourly earnings for component cells.
Gross average weekly earnings	Product of gross average weekly hours and average hourly earnings.	Product of gross average weekly hours and average hourly earnings.
Labor turnover rates	The number of particular actions (e.g., quits) in reporting establishmments divided by total employment in those firms. The result is multiplied by 100.	Average, weighted by employment, of the rates for component cells.
	Annual average data	
All employees, women employees, and production or nonsupervisory workers	Sum of monthly estimates divided by 12.	Sum of monthly estimates divided by 12.
Gross average weekly hours	Annual total of aggregate hours (production- or nonsupervisory-worker employment multiplied by average weekly hours) divided by annual sum of employment.	Annual total of aggregate hours for production or nonsupervisory workers divided by annual sum of employment for these workers.
Average weekly overtime hours	Annual total of aggregate overtime hours (production-worker employment multiplied by average weekly overtime hours) divided by annual sum of employment.	Annual total of aggregate overtime hours for production workers divided by annual sum of employment for these workers.
Gross average hourly earnings	Annual total of aggregate payrolls (product of production- or nonsupervisory-worker employment by weekly hours and hourly earnings) divided by annual aggregate hours.	Annual total by aggregate payrolls divided by annual aggregate hours.
Gross average weekly earnings	Product of gross average weekly hours and average hourly earnings.	Product of gross average weekly hours and average hourly earnings.
Labor turnover rates	Annual average aggregate (of each labor turnover action) divided by annual average employment.	Annual averge aggregate (of each labor turnover action) divided by annual average employment.

[1] The estimates result from multiplying the product shown by bias adjustment factors to compensate for the underrepresentation of newly formed enterprises in the sample and other bias sources.

The sample production-worker ratio, women-worker ratio, average weekly hours, average overtime hours, and average hourly earnings are modified by a wedging technique designed to compensate for changes in the sample arising mainly from the voluntary character of the reporting. The wedging procedure accepts the advantage of continuity from the use of the matched sample, and at the same time, tapers or wedges the estimate toward the level of the latest sample average.

Table M. Comparison of nonagricultural employment benchmarks and estimates for March 1980

Industry division	Benchmark, March 1980	Estimate, March 1980	Percent difference
Total	90,253,000	90,316,000	0.1
Mining	990,000	996,000	.6
Construction	4,087,000	4,150,000	1.5
Manufacturing	20,722,000	20,793,000	.3
Transportation and public utilities	5,127,000	5,143,000	.3
Wholesale and retail trade	20,068,000	20,226,000	.7
Finance, insurance, and real estate	5,090,000	5,085,000	-.1
Services	17,636,000	17,478,000	-.9
Government	16,533,000	16,445,000	-.5

chosen from among the smaller establishments or none at all if the concentration of employment is great enough. On the other hand, in an industry in which a large proportion of total employment is in small establishments, the sample design calls for inclusion of all large establishments and also for a substantial number of the small ones. Many industries in the trade and services divisions fall into this category. To keep the sample to a size which can be handled by available resources, it is necessary to design samples for these industries with a smaller proportion of universe employment than is the case for most manufacturing industries. Since individual establishments in these nonmanufacturing divisions generally show less fluctuation from regular cyclical or seasonal patterns than do establishments in manufacturing industries, these smaller samples (in terms of employment) generally produce reliable estimates.

In the context of the BLS employment and labor turnover statistics programs, with their emphasis on producing timely data at minimum cost, a sample must be obtained which will provide coverage of a sufficiently large segment of the universe to provide reasonably reliable estimates that can be published promptly and regularly. The present sample meets these specifications for most industries. With its use, the BLS is able to produce preliminary estimates each month for many industries and for many geographic levels within a few weeks after the reference period, and, at a somewhat later date, statistics in considerably greater industrial detail.

Coverage

The BLS sample of establishment employment and payrolls is the largest monthly sampling operation in the field of social statistics. Table N shows the approximate proportion of total employment in each industry division covered by the group of establishments furnishing monthly employment data. The coverage for individual industries within the division may vary from the proportions shown. Table O shows the approximate coverage, in terms of employment, of the labor turnover sample.

Reliability of the employment estimates

Although the relatively large size of the BLS establishment sample assures a high degree of accuracy, the estimates derived from it may differ from the figures that would be obtained if it were possible to take a complete census using the same schedules and procedures. As discussed under the previous section, a "link relative" technique is used to estimate employment. This requires the use of the previous month's estimate as the base in computing the current month's estimate. Thus, small sampling and response errors may cumulate over several months. To remove this accumulated error, the estimates are usually adjusted annually to new benchmarks. In addition to taking account of sampling and response errors, the benchmark revision

Table N. Approximate size and coverage of BLS employment and payrolls sample, March 1980[1]

Industry division	Number of establishments in sample	Employees	
		Number reported	Percent of total
Total	166,300	35,270,000	38
Mining	2,100	369,000	37
Construction	16,100	739,000	18
Manufacturing	44,200	11,175,000	54
Transportation and public utilities			
Railroad transportation (ICC)	40	482,000	90
Other transportation and public utilities	7,600	2,623,000	57
Wholesale and retail trade	41,100	3,288,000	16
Finance, insurance, and real estate	11,200	1,826,000	36
Services	25,500	3,516,000	20
Government			
Federal[2]	4,500	2,869,000	100
State and local	13,900	8,383,000	61

[1] Since a few establishments do not report payroll and hours information, hours and earnings estimates may be based on a slightly smaller sample than employment estimates.

[2] National estimates of Federal employment by agency are provided to BLS by the Office of Personnel Management. Detailed industry estimates for the Executive Branch, as well as State and area estimates of Federal employment, are based on a sample of 4,500 reports covering about 55 percent of employment in Federal establishments.

adjusts the estimates for changes in the industrial classification of individual establishments (resulting from changes in their product which are not reflected in the levels of estimates until the data are adjusted to new benchmarks). In fact, at the more detailed industry levels, particularly within manufacturing, changes in classification are the major cause of benchmark adjustments. Another cause of differences arises from improvements in the quality of the benchmark data. Table P presents the average percent revisions of the six most recent benchmarks (excluding the March 1973 adjustment) for major industry divisions. Detailed descriptions of individual benchmark revisions are available from the Bureau upon request.

The hours and earnings estimates for basic estimating cells are not subject to benchmark revisions, although the broader groupings may be affected slightly by changes in employment weights. The hours and earnings estimates, however, are subject to sampling errors which may be expressed as relative errors of the estimates. (A relative error is a standard error expressed as a percent of the estimate.) Relative errors for major industries are presented in table P and for individual industries with the specified number of employees in table Q. The chances are about 2 out of 3 that the hours and earnings estimates from the sample would differ by a smaller percentage than the relative

Table O. Approximate size and coverage of BLS labor turnover sample, March 1980

Industry	Employees	
	Number reported	Percent of total
Total	9,252,000	40
Manufacturing	8,461,000	41
Mining	227,000	23
Telephone communication	744,000	70

Table P. Average benchmark revision in employment estimates and relative errors for average weekly hours and average hourly earnings by industry division

(In percent)

Industry division	Average benchmark revision in estimates of employment[1]	Relative errors[2]	
		Average weekly hours	Average hourly earnings
Total nonagricultural employment	0.3	–	–
Total private	.3	0.1	0.2
Mining	1.0	.5	.5
Construction	1.7	.2	.3
Manufacturing	.3	.1	.1
Durable goods	.4	.1	.1
Nondurable goods	.4	.1	.1
Transportation and public utilities	.4	.7	.4
Trade	.4	.1	.2
Wholesale	.7	.2	.3
Retail	.4	.2	.2
Finance, insurance, and real estate	.5	.2	.4
Services	.7	.4	.8
Government[3]	.5	–	–

[1] The average percent revision in employment for the following benchmarks: 1970, 1971, 1974, 1978, 1979 and 1980.

[2] Relative errors relate to March 1971 data.

[3] Estimates for government are based on a total count for Federal Government and, prior to the March 1979 revision, samples for State and local government benchmarked to a quinquennial census of government conducted by the Bureau of the Census.

error from the averages that would have been obtained from a complete census.

One measure of the reliability of the employment estimates for individual industries is the root-mean-square error (RMSE). The measure is the standard deviation adjusted for the bias in estimates:

$$\text{RMSE} = \sqrt{(\text{Standard Deviation})^2 + (\text{Bias})^2}$$

If the bias is small, the chances are about 2 out of 3 that an estimate from the sample would differ from its benchmark by less than the root-mean-square error. The chances are about 19 out of 20 that the difference would be less than twice the root-mean-square error.

Approximations of the root-mean-square errors (based on the most recent benchmark revisions) of differences between final estimates and benchmarks are presented in table Q.

Table Q. Root-mean-square errors of differences between benchmarks and estimates of employment and average relative errors for average weekly hours and average hourly earnings

Size of employment estimate	Root-mean-square error of employment estimates[1]	Relative errors[2] (in percent)	
		Average weekly hours	Average hourly earnings
50,000	2,100	0.9	1.5
100,000	4,400	.7	1.1
200,000	7,100	.5	.9
500,000	15,200	.4	.8
1,000,000	17,100	.3	.5
2,000,000	28,500	.3	.5

[1] Assuming 12-month intervals between benchmark revisions.

[2] Relative errors relate to March 1971 data.

For the two most recent months, estimates of employment, hours, and earnings are preliminary and are so footnoted in the tables. These figures are based on less than the total sample and are revised when all the reports in the sample have been received. Table R presents root-mean-square errors of the amounts of revisions that may be expected between the preliminary and final levels of employment and preliminary and final month-to-month changes. Revisions of preliminary hours and earnings estimates are normally not greater than 0.1 of an hour for weekly hours and 1 cent for hourly earnings.

STATISTICS FOR STATES AND AREAS

State and area employment, hours, earnings, and labor turnover data are collected and prepared by State agencies in cooperation with BLS. The area statistics relate to metropolitan areas. Definitions for all areas are published each year in the issue of *Employment and Earnings* that contains State and area annual averages (usually the May issue). Changes in definitions are noted as they occur. Additional industry detail may be obtained from the State agencies listed on the inside back cover of each issue. These statistics are based on the same establishment reports used by BLS for preparing national estimates. For employment, the sum of the State figures may differ slightly from the equivalent official U.S. totals on a national basis, because some States have more recent benchmarks than others and because of the effects of differing industrial and geographic stratification.

For the States and the areas shown in the B and C sections of this periodical, all the annual average data for the detailed industry statistics currently published by each cooperating State agency are presented (from the earliest date of availability of each series) in a summary volume published annually by the BLS.

PRODUCTIVITY DATA

Tables C-10, C-11, and C-12 are compiled by the Bureau of Labor Statistics from establishment data and from estimates of compensa-

Table R. Errors of preliminary employment estimates

Category	Root-mean-square error of—	
	Monthly level	Month-to-month change
INDUSTRY DIVISIONS		
Total nonagricultural employment	83,000	69,000
Mining	5,000	5,000
Construction	19,000	16,000
Manufacturing	29,000	27,000
Durable two-digit industries	3,700	3,500
Nondurable two-digit industries	2,500	2,500
Transportation and public utilities	14,000	14,000
Wholesale and retail trade	30,000	27,000
Finance, insurance and real estate	8,000	7,000
Services	31,000	26,000
Government	46,000	36,000
DETAILED INDUSTRIES, SIZE OF EMPLOYMENT ESTIMATE		
50,000	300	400
100,000	700	700
200,000	1,100	1,100
500,000	3,900	4,100
1,000,000	3,800	3,500
2,000,000	6,000	6,100

NOTE: Division level data are based on differences from January 1975 through December 1980. Detailed industry data are based on differences from August 1978 through June 1979.

tion and gross national product supplied by the U.S. Department of Commerce and the Federal Reserve Board.

Definitions

Hours of wage and salary workers in nonagricultural establishments refer to hours paid for all employees—production workers, nonsupervisory workers, and salaried workers.

Output is the constant-dollar market value of final goods and services produced in a given period. Indexes of *output per hour* of labor input, or labor productivity, measure changes in the volume of goods and services produced per unit of labor.

Compensation per hour includes wages and salaries of employees plus employers' contributions for social insurance and private benefit plans. The data also include an estimate of wages, salaries, and supplementary payments for the self-employed, except for nonfinancial corporations, in which there are no self-employed.

Real compensation per hour is compensation per hour adjusted to eliminate the effect of changes in the Consumer Price Index for All Urban Consumers (CPI-U).

Unit labor costs measure the labor compensation cost required to produce one unit of output and are derived by dividing compensation per hour by output per hour. *Unit nonlabor payments* include profits, depreciation, interest, and indirect taxes per unit of output. They are computed by subtracting compensation of all persons from the current-dollar gross national product and dividing by output. In these tables, unit nonlabor costs contain all the components of unit nonlabor payments except unit profits. *Unit profits* include corporate profits and inventory valuation adjustments per unit of output.

The *implicit price deflator* is derived by dividing the current-dollar estimate of gross product by the constant-dollar estimate, making the deflator, in effect, a price index for gross product of the sector reported.

Notes on the data

For the private business sector and the nonfarm business sector, these indexes relate to the gross domestic product less household and institutions, owner-occupied housing, and statistical discrepancy. For the nonfinancial coporate sector, the indexes refer to the gross domestic product of nonfiancial coporate business.

Manufacturing data have been revised to reflect revisions in the Federal Reserve Board Index of Industrial Production. Output data are supplied by the Bureau of Economic Analysis, U.S. Department of Commerce, and the Federal Reserve Board. Quarterly measures have been adjusted by the Bureau of Labor Statistics to annual estimates of output (gross product originating) from the Bureau of Economic Analysis. Compensation and hours data are from the Bureau of Economic Analysis and the Bureau of Labor Statistics.

State and Area Unemployment Data

(E table)

FEDERAL-STATE COOPERATIVE PROGRAM

Labor force and unemployment estimates for States, labor market areas (LMA's), and other areas covered under Federal assistance programs are developed by State employment security agencies under a Federal-State cooperative program. The local unemployment estimates which are derived from standardized procedures developed by BLS are the basis for determining eligibility of an area for benefits under Federal programs such as the Comprehensive Employment and Training Act, the Public Works Employment Act, and the Public Works and Economic Development Act.

ESTIMATING METHODS

Labor force and unemployment in 10 large States: New York, California, Illinois, Ohio, New Jersey, Pennsylvania, Michigan, Texas, Massachusetts, and Florida; and two areas: Los Angeles-Long Beach metropolitan area and New York City, are sufficently reliable to be used directly from the CPS. For a description of the CPS concepts see "Household Data," above.

Monthly employment and unemployment estimates in the remaining 40 States and 214 labor market areas are prepared in several stages.

1. *Preliminary estimate—employment:* The total employment estimate is based primarily on data from the survey of establishments which produces an estimate of payroll employment. This place-of-work estimate must be adjusted to refer to place of residences as used in the CPS. Factors for adjusting from place of work to place of residence have been developed for the major categories of employment by class of worker and industry on the basis of employment relationships which existed at the time of the 1970 Decennial Census. These factors are applied to the payroll employment estimates for the current period to obtain adjusted employment estimates.

2. *Preliminary estimate—unemployment:* In the current month, the estimate of unemployment is an aggregate of the estimates for each of three building block categories: (1) Persons who were previously employed in industries covered by State unemployment insurance (UI) laws; (2) those previously employed in industries not covered by these laws; and (3) those who were either entering the labor force for the first time or reentering after a period of separation. This is referred to below as the UI-based estimate.

An estimate for those previously employed in covered industries is derived from a count of current unemployment insurance claimants, plus estimates of claimants whose benefits have been exhausted, those persons disqualified from receiving benefits for nonmonetary reasons (because they quit, were discharged for cause, etc., but would otherwise have been eligible), and persons who either filed claims late or not at all.

The estimate of those previously employed in industries not covered by UI is derived by applying to the employment estimate for each noncovered industry or class of worker subgroup in the State, the ratio of covered unemployment to covered employment weighted by factors reflecting national historical relationships.

For the third category, new entrants and reentrants into the labor force, a composite estimate is developed from equations that relate the total entrants into the labor force to the experienced unemployed and the experienced labor force. For each month, the estimate of entrants into the labor force is a function of: (a) the month of the year; (b) the level of the experienced unemployed; (c) the level of the experienced labor force; and (d) proportion of the working age population that is considered "youth." The composite estimate of total entrants is defined as:

$U = A(X + E) + BX$, where

U = total entrant unemployment
E = total employment
X = total experienced unemployment
A,B = synthetic factors incoporating seasonal variation and an assumed relationship between the proportion of youths in the working population and the historical relationship of entrants to the experienced unemployed (B factor) or the experienced labor force (A factor).

3. *Correction factors for employment and unemployment* are then applied at the State level to the UI-based estimates obtained above for

each of the 40 States and the District of Columbia. These correction factors are based on the ratio of the CPS to the UI-based estimates for the 6 month period ending in the current month (e.g. a 6-month moving average).

4. *Substate adjustment for additivity.* Independent estimates of employment and unemployment are prepared both for the State (obtained directly from the CPS in the 10 large States or by the UI-based method in the remaining States), and labor market areas (LMA's) within the State. The total of the geographic areas in the LMA's exhausts the geographic boundries of the State. A proportional adjustment is applied to all substate LMA estimates to ensure that the substate estimates of employment and unemployment add to the independent State totals. In California and New York, which also have substate areas taken directly from the CPS, the additivity adjustment for the remaining areas is applied to the State total minus the direct CPS area.

5. *Benchmark correction procedures.* Once each year monthly estimates prepared by State employment security agencies using UI-based estimating procedures are adjusted, or benchmarked, by BLS to the annual average CPS estimates for the 40 States for which monthly CPS estimates are not available. This adjustment is necessary because the State-prepared estimates are not as reliable as the CPS annual averages due to differences in State UI laws, the structual limitations of the UI-based estimating method, and errors in the UI data.

The benchmarked estimates are produced in three stages. First, the monthly UI-based estimates are adjusted by the ratio of the CPS to the UI-based annual averages. Second, the difference between the ratio of annual averages for two consecutive years is wedged into the monthly estimates in order to minimize the disturbance to the original series. Finally, the second-stage estimates are forced into agreement with CPS annual averages. In the 10 States which use CPS estimates monthly, no benchmark correction is required, as the average of the 12 monthly State CPS estimates will equal the CPS annual averages.

Seasonal Adjustment

Over the course of a year, the size of the Nation's labor force, the levels of employment and unemployment, and other measures of labor market activity undergo sharp fluctuations due to such seasonal events as changes in weather, reduced or expanded production, harvests, major holidays, and the opening and closing of schools. Because these seasonal events follow a more or less regular pattern each year, their influence on statistical trends can be eliminated by adjusting the statistics from month to month. These adjustments make it easier to observe the cyclical and other nonseasonal movements in the series. In evaluating changes in a seasonally adjusted series, it is important to note that seasonal adjustment is merely an approximation based on past experience. Seasonally adjusted estimates have a broader margin of possible error than the original data on which they are based, since they are subject not only to sampling and other errors but are also affected by the uncertainties of the seasonal adjustment process itself. Seasonally adjusted series for selected labor force and establishment data are published regularly in *Employment and Earnings.*

The seasonal adjustment programs used for these series are based on an *adaptation* of the standard ratio-to-moving average method. They provide for "moving" adjustment factors to take account of changing seasonal patterns. A detailed description of the method is given in the publication, *The X-11 Variant of the Census Method II Seasonal Adjustment Program,* Technical Paper No. 15, Bureau of the Census (1967).

Beginning in January 1980, the BLS introduced two major modifications in the seasonal adjustment methodology for data from the household survey. First, the data are being seasonally adjusted with a new procedure called X-11 ARIMA, which was developed at Statistics Canada as an extension of the existing standard X-11 method. A detailed description of the procedure appears in *The X-11 ARIMA Seasonal Adjustment Method,* by Estela Bee Dagum, Statistics Canada Catalogue No. 12-564E, February 1980. The X-11 procedure was originally developed at the Bureau of the Census and had been used by the BLS to seasonally adjust labor force series since 1973. Tests have shown that use of the X-11 ARIMA procedure, which essentially places more emphasis on recent data, provides better seasonal adjustments than does the X-11 method alone.

The second change is that seasonal factors are now being calculated for use during the first 6 months of the year rather than for the entire year. In July of each year, the BLS will calculate and publish (in *Employment and Earnings)* a new set of seasonal factors for use in the second half, based on the experience through June. Revisions of historical data for the most recent 5 years will continue to be made once a year, at the beginning of each calendar year.

All civilian labor force and unemployment rate statistics, as well as the major employment and unemployment estimates, are computed by aggregating independently adjusted series. For example, for each of the three major labor force components—agricultural employment, nonagricultural employment, and unemployment—data for four sex-age groups (males and females under and over 20 years of age) are separately adjusted for seasonal variation and are then added to derive seasonally adjusted total figures. In order to provide seasonally adjusted total employment and civilian labor force estimates, the appropriate series are aggregated. The official unemployment rate for all civilian workers is derived by dividing the estimate for total unemployment (the sum of 4 seasonally adjusted sex-age components) by the civilian labor force (the sum of 12 seasonally adjusted sex-age components).

Revised seasonally adjusted data for selected labor force series based on the experience through December 1980, new seasonal adjustment factors to be used to calculate the overall unemployment rate for the first 6 months of 1981, and a description of the current seasonal adjustment methodology are published in the January 1981 issue of *Employment and Earnings.* Revised seasonally adjusted data covering the entire 5-year revision period for a broader range of labor force series appear in the February 1981 issue of this publication. Many additional series, which are either components or aggregates of the series presented, are available from the BLS upon request.

Beginning in July 1980, the BLS also uses the X-11 ARIMA methodology in seasonally adjusting the establishment data, which previously had been computed using the *BLS Seasonal Factor Method.* All series are seasonally adjusted using the multiplicative models under X-11 ARIMA. Seasonal adjustment factors used in calculating the current estimates are based on data through March of 1981. The ARIMA model options for projecting the data series for 1 year ahead have been used in seasonally adjusting the establishment series, introduced with June 1981 data.

Seasonal adjustment factors are directly applied to the component levels. Seasonally adjusted totals for most of these series are then obtained by taking a weighted average of the seasonally adjusted data for the component series. Seasonally adjusted average weekly earnings are the product of seasonally adjusted average hourly earnings and seasonally adjusted weekly hours. Average weekly earnings in constant dollars, seasonally adjusted, are obtained by dividing average weekly earnings, seasonally adjusted, by the seasonally adjusted Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W), and multiplying by 100. Indexes of aggregate weekly hours, seasonally adjusted, are obtained by multiplying average weekly hours, seasonally adjusted, by production or nonsupervisory

workers, seasonally adjusted, and dividing by the 1977 base. For total private, total goods-producing, total private service-producing, trade, manufacturing, and durable and nondurable goods industries, the indexes of aggregate weekly hours, seasonally adjusted, are obtained by summing the aggregate weekly hours, seasonally adjusted, for the appropriate component industries and dividing by the 1977 base.

Seasonally adjusted data are not published for a number of series characterized by small seasonal components relative to their trend-cycle and/or irregular components. Beginning with data for July 1981, these failed or unsatisfactory seasonally adjusted series are used in the aggregation to broader level seasonally adjusted series. In prior months, the unadjusted series were used in the aggregation process.

The seasonally adjusted establishment data for Federal Government are based on a series which excludes the Christmas temporary help employed by the Postal Service in December. The employment of these workers constitutes the only significant seasonal change in Federal Government employment during the winter months. Furthermore, the volume of such employment may change substantially from year to year because of administrative decisions by the Postal Service. Hence, it was considered desirable to exclude this group from the data upon which the seasonally adjusted series is based.

For labor turnover rates, seasonal adjustment factors are applied directly to the component series. These series are then aggregated to obtain total levels (total accessions and total separations). These factors are derived by the *X-11 ARIMA Method* using the trading day option except for recalls. As a result, these series are adjusted for the number of times each day of the week occurs in a given month, as well as for the month of the year.

The revised seasonally adjusted series for the establishment data reflect experience through March 1981. Seasonal factors to be used for current adjustment appear in the July 1981 issue of *Employment and Earnings*.

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In this issue:
Revisions in the Current Population Survey
beginning in January 1982
Revised seasonally adjusted labor force series

L 2.41/2:

U.S. DEPARTMENT OF LABOR
Raymond J. Donovan, Secretary

BUREAU OF LABOR STATISTICS
Janet L. Norwood, Commissioner

Employment and Earnings is prepared by the Division of Monthly Industry Employment Statistics and the Division of Employment and Unemployment Analysis in collaboration with the Division of Special Publications. The data are collected by the Bureau of the Census (Department of Commerce), State Employment Security Agencies, and State Departments of Labor in cooperation with the Bureau of Labor Statistics. A brief description of the cooperative statistical programs of the BLS with these agencies is presented in the Explanatory Notes. The State agencies are listed on the inside back cover.

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Calendar of Features

In addition to the monthly data appearing regularly in *Employment and Earnings*, special features appear in most of the issues as shown below:

Household data	
Annual averages	Jan.
Revised seasonally adjusted series	Feb.
Quarterly averages: Seasonally adjusted data, persons not in labor force, persons of Hispanic origin, Vietnam-era veterans and nonveterans, poverty-nonpoverty area data, family relationship data, weekly earnings data	Jan., Apr., July, Oct.
Establishment data	
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Area definitions	May
State and area unemployment data	
Annual averages	May[3]

[1] The issue that introduces new benchmark varies. The July 1981 issue introduced March 1980 benchmarks.
[2] Month of publication of annual supplement varies. The latest supplement was published in August 1981.
[3] Issue varies. Latest revised data introduced July 1981.
[4] These data first introduced in the May 1981 issue.

Employment and Earnings

Vol. 29 No. 2 February 1982

Editors: Gloria P. Green, Gloria P. Goings, Rosalie K. Epstein

Editors' note

Effective with data for January 1982, population counts derived from the 1980 Decennial Census are being introduced into the estimation procedures used in the Current Population Survey (household survey). All data for 1981 have been recalculated. Because the magnitude of the revisions affected the historical continuity of labor force series, differences between estimates based on the 1970 census and those based on the 1980 census have been wedged back to 1970 for most series. Revisions for major labor force series appear in tables A-1 and A-2.

In addition, seasonal adjustment factors for unemployment and other labor force series derived from this survey have been updated to incorporate data through December 1981 (as revised, based on 1980 census population controls), and data have been readjusted for seasonality back to January 1970. Seasonally adjusted data in tables A-1, A-2, and A-33 through A-42 reflect the updated seasonal factors. Revised monthly data covering the entire 1970-81 revision period for a broader range of labor force series are included in this issue, beginning on page 130.

Descriptions of the adjustment of labor force estimates to 1980 census population controls and the seasonal adjustment methodology, plus the factors to be used to calculate the overall unemployment rate for January through June 1982, appear in articles in this issue.

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Discontinuation of spendable earnings and labor turnover series

After release of final December 1981 data in the March 1982 issue of *Employment and Earnings*, BLS will discontinue computation and publication of the spendable earnings series published in table C-4, and the labor turnover data published in tables D-1 through D-3. State and area labor turnover data published in table D-4 will be discontinued in this issue with publication of November 1981 preliminary data.

The spendable earnings series has become unrepresentative of the actual earnings situation of workers. An article by Paul O. Flaim in the January 1982 issue of the *Monthly Labor Review* entitled "The Spendable Earnings Series: Has it Outlived its Usefulness?" explains the problems with the series. The decision to discontinue this series is in accord with the recommendations of the National Commission on Employment and Unemployment Statistics and the response of the Secretary of Labor to those recommendations issued in October 1981. The Bureau will continue to publish the real earnings series on a monthly basis.

The labor turnover survey is being discontinued because of budget reductions.

Employment and Unemployment Developments, January 1982

Employment in nonagricultural industries declined in January, and the number of persons unemployed also declined. The overall unemployment rate was 8.5 percent in January; between July and December, it had risen steadily from 7.2 to 8.8 percent (as revised).

Total employment—as derived from the monthly survey of households—was about unchanged in January at 99.6 million, but there was a decrease in nonagricultural employment. Since July, total employment was down by about 1.3 million. Nonfarm payroll employment—as derived from the monthly survey of establishments—dropped by 235,000 in January. This series was down by 1.0 million since July.

Unemployment

The number of unemployed persons rose less than it usually does from December to January, and, as a result, the seasonally adjusted level fell by 270,000 to 9.3 million. This was 200,000 above the November level and 1.5 million higher than last July. The January unemployment decline coincided with a decrease in the labor force. The Nation's unemployment rate declined by 0.3 percentage point to 8.5 percent, after having risen a half point in December; the jobless rate was still 1.3 percentage points higher than last July. (See table A-33.)

Most of the January decline in joblessness took place among adult men, who have been hit particularly hard in the last few months. Their unemployment rate dropped 0.4 percentage point to 7.5 percent, after rising 0.8 point in the prior month. Unemployment rates for adult women (7.2 percent) and teenagers (21.7 percent) were little changed over the month, while rates for white (7.5 percent) and black workers (16.8 percent) were down marginally. The rate for Hispanics (12.0 percent) increased over the month. (See table A-36.) Unemployment among all workers remained substantially higher than last summer.

A sizeable decline took place in January in the number of unemployed who were on layoff. There also were reductions in the number of unemployed persons who left their last job and those who had reentered the labor force. (See table A-39.)

The over-the-month drop in unemployment was concentrated among the short-term jobless (less than 5 weeks), whose number dropped to the November level of 3.9 million. Accordingly, both the mean and median duration measures rose over the month. Nonetheless, two-fifths of all unemployed persons in January were newly unemployed. (See table A-37.)

Total employment and the labor force

Total employment was about unchanged in January at 99.6 million, seasonally adjusted, following a drop of more than half a million in December. There was, however, a continued decline in nonagricultural employment. Since July, the total number of jobholders has fallen by 1.3 million. The employment-population ratio continued to recede, as employment in January did not keep pace with normal population growth. (See table A-33.)

The civilian labor force decreased by 300,000 in January to 108.9 million. Men accounted for virtually all of this decline. On an over-the-year basis, labor force growth was unusually low—1.1 million.

Industry payroll employment

Total nonagricultural payroll employment declined by 235,000 in January to 90.9 million, seasonally adjusted. The payroll job count has fallen continuously since September, with job cutbacks totaling 1.2 million over this period. As in the earlier months, job losses were widespread; over-the-month employment gains occurred in only about one-third of the 172 industries comprising the diffusion index of nonagricultural payroll employment. (See tables B-4 and B-7.)

The largest over-the-month decline occurred in manufacturing, where employment fell by 215,000. Most of this drop took place in the durable goods sector, with reductions taking place in every industry. There were particularly large cutbacks in transportation equipment, machinery, and fabricated metals. Since July, job losses in durable goods have totaled three-quarters of a million. Within nondurable goods, both the textile and apparel industries registered sizeable declines, sustaining trends evident over the last several months.

Employment in construction continued to decline in January, but the over-the-month drop of 140,000 was much greater than in recent months. Much of the

January reduction can be attributed to the extreme cold and severe winter storms which existed over the eastern two-thirds of the country during the survey week, causing temporary halts in construction activities.

Among the service-producing industries, retail trade posted a substantial gain (175,000, after seasonal adjustment) in January, as the normally expected reductions in sales staffs did not take place due to the comparatively light pre-Christmas hiring. Employment in services was about unchanged for the second month in a row. Government employment was down 35,000 over the month.

Hours of work

The average workweek of production or nonsupervisory workers on private nonagricultural payrolls dropped by a record eight-tenths of an hour to 34.1 hours in January, the result of extremely severe weather conditions that reduced the length of the workweek in virtually every industry. The effect of the weather, combined with an already weakened economy, placed total private hours at an all-time low in January. The workweek in construction was down 3.6 hours (not seasonally adjusted) in January. Manufacturing hours dropped 2.1 hours to 36.9 hours. Factory overtime also declined, falling 0.2 hour to 2.2 hours. Hours reductions were especially marked in the textile and apparel industries. (See table C-6.)

Reflecting both the reduction in employment and the markedly shortened workweek, the index of aggregate weekly hours of production or nonsupervisory workers on private nonfarm payrolls was down by 2.7 perce January to 103.9 (1977 = 100), while the factory i dropped sharply to 86.6, a reduction of 6.5 percent. decline in the overall index has been continuous July, with a drop of 5.0 percent during this period. factory index fell by 13.8 percent over the same span. (See table C-7.)

Hourly and weekly earnings

Averge hourly earnings rose 0.8 percent in Janu but average weekly earnings declined 1.5 per (seasonally adjusted), because of the cutback in ho Before adjustment for seasonality, average hourly e ings were up 9 cents to $7.53 and have risen a half do over the year. Weekly earnings, at $253.76, decl $8.13 over the month but were up $7.01 over the y (See tables C-1 and C-8.)

The Hourly Earnings Index

The Hourly Earnings Index (HEI) was 1 (1977 = 100) in January, seasonally adjusted, 1.0 cent higher than in December. For the 12 months en in January, the increase (before seasonal adjustm was 8.2 percent. The HEI excludes the effects of types of changes unrelated to underlying wage movements—fluctuations in overtime in manufactu and interindustry employment shifts. In dollars of c tant purchasing power, the HEI decreased 0.6 per during the 12-month period ended in December. table C-8.)

Revisions in the Current Population Survey Beginning in January 1982

•Kenneth D. Buckley, Jennifer Marks, and Ronald J. Statt

Statistics on the labor force status and characteristics of the population are compiled for BLS by the Bureau of the Census in its Current Population Survey (CPS). The CPS is a scientifically selected national sample of about 60,000 occupied households[1] designed to represent the civilian noninstitutional population.

Since the inception of the survey in 1940, it has been the practice of the Bureau of the Census to revise the CPS sample after each decennial census to incorporate recently collected census data and at the same time implement revisions in its procedures to improve the efficiency of the sample and increase the reliability of the estimates. Beginning in January 1982, changes in the CPS ratio estimation procedure were implemented along with the incorporation of population controls obtained from the 1980 census, rather than the 1970 census. Because the magnitude of the differences between 1970-and 1980 census-based controls would affect the historical comparability and continuity of major labor force series, approximately 30,000 series were revised back to 1970.

This article discusses the changes in the ratio estimation procedure, the derivation of the 1980-based population controls, and the effect of their use on the national estimates. In addition, it discusses the methodology used to revise the historical CPS data to account for changes in the population as determined by the 1980 census.

Changes in the CPS ratio estimation procedure

The estimation procedure involves multiplying the basic weight—the inverse of the probability of selection—for a housing unit—by factors which adjust for differences between sample proportions and known population proportions in certain age, sex, race, and residence categories. This is accomplished through two stages of ratio estimates as follows: In the first-stage ratio procedure, adjustments are made to take into account differences existing at the time of the census between the race-residence distribution for the Nation and for the sample areas.

A second-stage ratio adjustment is also applied to further reduce variability of the estimates and to correct to some extent for CPS undercoverage relative to the decennial census. Finally, a composite estimation procedure is performed to further reduce variance by taking advantage of survey data available from previous months.

The second-stage ratio adjustment procedure adjusts the sample proportion of persons in specific categories to the distribution of independent current estimates of the population in the same categories. Prior to January 1982, the second-stage procedure was performed in three steps. In the first step, the sample estimates were adjusted within each State and the District of Columbia to an independent control for the population 16 years and over for the State. The second step, often referred to as the "intermediate second-stage adjustment," involved "nonwhite" persons only and was an adjustment to independent estimates of 48 "nonwhite" age-sex-race categories across the whole Nation. Two race categories were used—black and "other" minority races. The final step, applied to all sample persons, was an adjustment to nationwide independent population estimates within 34 age-sex-groups each for white and "nonwhite" persons. The entire second-stage adjustment procedure was iterated six times to ensure that the sample estimates of the population for both State and national age-sex-race categories were virtually equal to the independent population control totals.

Beginning with January 1982 data, the intermediate step of the second-stage adjustment has been discontinued, and the race categories of the final step have been changed from white/nonwhite to black/nonblack.

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[1] Beginning in January 1982, about 100 occupied units were added to the CPS sample to provide additional coverage in counties added to Standard Metropolitan Statistical Areas (SMSA's) which were redefined in 1973. This expansion had practically no effect on the reliability of State or national estimates.

These changes in the second-stage adjustment are expected to have little or no effect on the household data published, except that the estimated totals of population and labor force characteristics for "whites" in selected age categories and for "black and other" are more variable from month to month than previously. This is because the new procedure does not specifically control for "whites" or for "other nonwhites." These changes were made to avoid differences between the CPS and the 1980 census in the classification of persons as white, black, and other. Tabulations show a much higher proportion of persons who classified themselves as "other" in the 1980 census than in the CPS.

Derivation of 1980 census population controls

Beginning with the January 1982 estimates, the independent national controls used for the age-sex-race groups in the final step of the second-stage ratio adjustment are being prepared by carrying forward the April 1, 1980, total population by age, race, and sex, taking account of the subsequent aging of the population, fertility, morality, and net immigration, and then subtracting the estimate for the institutional population and Armed Forces. (The April 1, 1980, total population was computed by adding together the resident population, consistent with that published for the 1980 census in *Advance Reports,* Series PHC80-V, and the Armed Forces overseas, as compiled from Department of Defense reports.)

Data on births and deaths between April 1, 1980, and the estimate date are based on tabulations of vital statistics for the resident population made by the National Center for Health Statistics and data on deaths of military personnel overseas from the Department of Defense. Estimates of net civilian immigration are based on data provided by the Immigration and Naturalization Service, the Department of Defense, the Office of Personnel Management, and the Puerto Rico Planning Board. The civilian noninstitutional population for the estimate date is derived by subtracting the Armed Forces and the institutional population from the total population including Armed Forces overseas. The institutional population is computed by applying institutional proportions derived from the 1980 census to the total population, including Armed Forces overseas for the estimate date. All computations described above are performed in cells defined by single year of age, race, and sex. The independent national control totals are then obtained by collapsing these cells into broader age groups for the population 16 years and older for use in the revised CPS ratio estimation procedure as described above.

In the past, the base population used was corrected for net census undercount before being carried forward, and the estimates generated for the estimate date were then reduced to a level consistent with the census count (the inflation-deflation method). Since estimates of net undercount for 1980 were not available, the inflat deflation steps were dropped. This change has little pact on the independent estimates, particularly in first 5 years after the census.

Effect of 1980 population controls on national estimates

Table 1 presents selected sample estimates from CPS on a annual average basis for 1981, using both old and new second-stage ratio adjustment procedu Under the new procedure, the estimates of the t civilian noninstitutional population 16 years and o civilian labor force, and unemployed persons all creased by about 2 percent. The larger estimated to for the major labor force categories are considered t more accurate, since they are based on the more up date 1980 census data rather than the 1970 census d Estimates of labor force participation and unemp ment rates were generally unaffected by the change the estimation procedure. There were, however, s slight differences in the estimates of these rates for bl and other workers. These differences were concentra among males, with slightly higher labor force partic tion rates and lower unemployment rates for this gr under the new procedure. However, these differe are well within the sampling error on the estimate the rates and are of relatively small magnitu Moreover, the differences are essentially limited to "other" group, rather than among black (o workers.

Revision of historical data back to 1970

BLS has completed provisional revisions to appr imately 30,000 labor force series from May 1 through December 1980 to adjust for the increase labor force estimates due to the 1980 decennial cen population count. The revision was necessary to new estimates for 1981 and subsequent years incorp ting 1980 census data with estimates for preceding y where the sample weights were based on the 1970 c sus. Without such a revision, there would be a disc tinuity in many important time series.

Considerations in developing the revision methodol

In designing the revision methodology, BLS initi considered the approach used by the Bureau of the C sus to generate revised annual population estimates the 1970's. Their approach, termed "error of closur consisted of taking the percentage difference betw the April 1980 population as counted in the 1980 cen and the April 1980 population as projected from 1970 census, and linearly wedging this percentage ference back over the decade to derive populat estimates for April 1 of each year. BLS refined the C sus Bureau approach to meet the following quirements:

(1)Additivity among components of labor force categories had to be maintained; e.g., total employment plus total unemployment had to equal the labor force.

(2)Differences would have to be based on data for 1981 rather than 1980, because complete sets of data based on both the 1970 and 1980 population controls were only available beginning with data for the latter year.

(3)Disturbance to "nontrend" components of the time series, such as the seasonal component, needed to be minimized.

(4)The approach was to be capable of use in revising monthly, quarterly, and annual data.

The BLS approach, described in this article, is the "differences of closure" (DOC) approach. In order to estimate the amount of increase for the various labor force categories, DOC's were calculated for each category as the difference between 1970-census-weighted estimates and new 1980-census-weighted estimates for each month of 1981. After adjustments for trend and smoothing for "noise", the DOC's were applied to the estimates with a weighting factor midway between April 1970 and April 1980—a linear adjustment. Since complete 1980-census-weighted labor force data were not available until calendar year 1981, it also was necessary to adjust May 1980 through December 1980 with the same weighting factor as was used in April 1980. These procedures were jointly endorsed by BLS and Census Bureau technical staff.

Estimating the differences of closure. The DOC procedure resulted in the application of an additive rather than a percentage wedge to account for the population increase. The effect of the population increase is concentrated more at the end of the decade than in those years immediately after the 1970 decennial census. The additive wedge forces a linearity to the 1980 census increase that may not, in fact, be "true." However, although the additive wedge assumes that the population increase is uniform throughout the decade, it preserves additivity among components of any labor force category. A percentage wedge, while modeling a slightly more exponential effect, could not maintain additivity among demographic components of a given labor force category. The Bureau of the Census was not able to provide any indication of the behavior of the labor force increase across the 1970's, and thus a uniform increase is the most reasonable assumption under current circumstances. The effect of the revision alters the slope, trend, and mean of a given series, but only minimally disturbs the variation caused by seasonal and cyclical effects.

During 1981, the Bureau of the Census provided BLS with monthly labor force estimates for the year based upon 1980 census population weights. When taken together with the then official figures based on 1970 census weights, DOC's were calculated for all labor force series which were person counts. This group of labor force estimates will be referred to a "levels." The DOC for a given month in 1981 represents the difference between the 1980-based and 1970-based estimates for a given labor force category. Since many of the levels are seasonally affected, using a DOC based only on one month, quarter, or the annual average for all monthly estimates would underestimate or overestimate seasonal highs or lows. Individual DOC's were found to vary and, in fact, correlate with the seasonality of the particular level. As an example, levels for estimates of the number of persons not in the labor force because of enrollment in school are higher for October through May than for June through September. Consequently, DOC's for each month of the year were calculated for approximately 25,000 series.

Adjusting the differences of closure. It was necessary to adjust the 1981 DOC's to account for the normal population increase between 1980 and 1981 as well as for the increasing gap between projected population using the 1980 census rather than the 1970 census. DOC's calculated from 1981 would tend to overestimate the population increase in 1980 because of a larger DOC. The increase due to population (trend) was estimated, and calendar year 1981 DOC's were deflated to their approximate calendar year 1980 values.

There is an inherent risk in using only a single observation to estimate any quantity. A major concern was that a single observed DOC might overestimate or underestimate the effect of the 1980 population control because of random influences, or noise. These random influences were minimized by using a 3-by-3 moving average across the monthly DOC's. (A 3-by-3 moving average takes a 3-month moving average of the results of a prior 3-month moving average. The result is a centered symmetric weighted average over 5 months for any particular month, using weights of 1/9, 2/9, 3/9, 2/9, and 1/9.) The calculation of the moving averages for beginning and ending months "wrapped around" 1981. The "wrap-around" uses December and November 1981 as prior months for January and February 1981, and January and February 1981 as subsequent months for November and December 1981, in appropriate moving average computations. The "wrap-around" allows 12 moving averages to be computed from 1 year's span of data. Although the moving average tends to flatten out seasonal highs and lows somewhat, it spreads any perturbations over a wide period, in effect diluting them, and thus decreases the effect of noise that may be confused with the population

estimate under consideration. The moving average produces a compromise which preserves most of the seasonality of the DOC's and eliminates most of the noise.

Applying the differences of closure. The adjusted differences of closure (ADOC) were applied to the May 1970 through December 1980 values of the 25,000 levels. A weighting factor of 1/120 was used in May 1970 and, in a linear application, was increased by 1/120 for each successive month through April 1980, thereafter remaining a constant weight of 1 through December 1980. Using this approach, labor force estimates for June were adjusted, for example, by 2/120 of the June ADOC in June 1970, 14/120 of the June ADOC in June 1971, up to the full June ADOC for the June 1980 estimate. The following formula represents the adjustment methodology and application:

$$LFE^{*}(i,j) = LFE(i,j) + f(i,j) \times ADOC(i)$$

where,

$LFE^{*}(i,j)$ -Revised labor force estimate for ith month in jth year.

$LFE(i,j)$ -Original 1970-based labor force estimate for ith month in jth year.

$f(i,j)$ -Weighting factor for ith month in jth year.

$ADOC(i)$ -Adjusted DOC value for ith month.

and

$$ADOC(i) = 1/9 \times DOC^{*}(i-2) + 2/9 \times DOC^{*}(i-1) + 3/9 \times DOC^{*}(i) + 2/9 \times DOC^{*}(i+1) + 1/9 \times DOC^{*}(i+2)$$

where,

$DOC^{*}(i)$ - Trend-adjusted ith month

and

$$DOC^{*}(i) = DOC(i)/Trend(i)$$

where,

$DOC(i)$ -Difference between 1980-ba LFE and 1970-based 1981 for ith month.

$TREND(i)$ -Average percent increase of DOC for total civilian non-institutional population and total labor force in the ith month of 1981 over 1980.

In all, approximately 2.5 million individual values adjusted. All rates and ratios that could be recalcu were recomputed from the adjusted levels, resulti the revision of almost 300,000 more individual va In most cases the changes to rates were small or ne ble, but the calculations were done to ensure as consistency as possible with the revised levels. Fi all seasonally adjusted data for 1970 through 1981 revised, producing nearly 200,000 more revisions dividual data values. In total, about 3 million indiv labor force values were revised. These were the that are maintained in the automated data base us support the publication of labor force statistic separate article in this issue provides a more com discussion of the seasonal adjustment process.

The most accurate method of revising the labor data would be to reweight the original raw monthly observations for the entire time frame. However, an undertaking for 128 months of CPS data wou too expensive and time consuming. The calculation justment, and application of DOC's have provid sound and affordable method for producing provis revisions of the labor force series.

In the meantime, the Bureau of the Census will tinue to study the population changes that took between 1970 and 1980 and may revise the interc population estimates as a result of that study. Only completion of this examination will it be possib determine if further revisions of the labor estimates are warranted.

Table 1. Labor force status of the noninstitutional population by age, sex, race, and Hispanic origin using 1970 and 1980 census population estimates, 1981 annual averages

(Numbers in thousands)

Labor force status and age	Total			Males			Females		
	1970 base	1980 base	Net difference	1970 base	1980 base	Net difference	1970 base	1980 base	Net difference
Civilian noninstitutional population									
Total, 16 years and over	166,436	170,130	3,694	78,769	80,511	1,742	87,667	89,618	1,951
16 to 19 years	15,905	16,214	309	7,920	8,092	172	7,984	8,121	137
20 to 24 years	20,081	20,820	739	9,717	10,116	399	10,365	10,705	340
25 to 34 years	36,436	37,777	1,343	17,717	18,427	710	18,717	19,350	633
35 to 44 years	26,021	26,291	270	12,527	12,758	231	13,493	13,533	40
45 to 54 years	22,412	22,422	10	10,848	10,797	-51	11,563	11,625	62
55 to 64 years	21,204	21,756	552	10,013	10,151	138	11,191	11,605	414
65 years and over	24,380	24,850	470	10,027	10,170	143	14,353	14,680	327
Civilian labor force									
Total, 16 years and over	106,393	108,670	2,277	60,633	61,974	1,341	45,760	46,696	936
16 to 19 years	8,848	8,988	140	4,688	4,777	89	4,160	4,211	51
20 to 24 years	15,543	16,099	556	8,320	8,648	328	7,224	7,451	227
25 to 34 years	29,306	30,392	1,086	16,819	17,479	660	12,487	12,912	425
35 to 44 years	20,969	21,211	242	11,950	12,166	216	9,019	9,045	26
45 to 54 years	16,985	16,970	-15	9,916	9,868	-48	7,069	7,101	32
55 to 64 years	11,734	11,969	235	7,090	7,170	80	4,644	4,799	155
65 years and over	3,008	3,042	34	1,850	1,866	16	1,158	1,176	18
Employed									
Total, 16 years and over	98,313	100,397	2,084	56,168	57,397	1,229	42,145	43,000	855
16 to 19 years	7,115	7,225	110	3,744	3,815	71	3,371	3,411	40
20 to 24 years	13,638	14,122	484	7,220	7,504	284	6,419	6,618	199
25 to 34 years	27,174	28,180	1,006	15,650	16,266	616	11,523	11,914	391
35 to 44 years	19,909	20,145	236	11,405	11,613	208	8,504	8,532	28
45 to 54 years	16,268	16,255	-13	9,522	9,478	-44	6,746	6,777	31
55 to 64 years	11,298	11,525	227	6,832	6,909	77	4,465	4,616	151
65 years and over	2,911	2,945	34	1,795	1,812	17	1,116	1,133	17
Agriculture									
Total, 16 years and over	3,312	3,368	56	2,654	2,700	46	657	667	10
16 to 19 years	375	380	5	312	317	5	63	63	0
20 to 24 years	421	435	14	348	359	11	74	76	2
25 to 34 years	661	684	23	520	539	19	142	146	4
35 to 44 years	543	547	4	401	406	5	142	141	-1
45 to 54 years	510	508	-2	393	391	-2	117	117	0
55 to 64 years	500	510	10	413	420	7	86	90	4
65 years and over	301	304	3	267	269	2	34	35	1
Nonagricultural industries									
Total, 16 years and over	95,001	97,030	2,029	53,514	54,697	1,182	41,487	42,333	846
16 to 19 years	6,740	6,845	105	3,432	3,498	66	3,309	3,347	38
20 to 24 years	13,217	13,687	470	6,872	7,145	273	6,345	6,542	197
25 to 34 years	26,512	27,496	984	15,131	15,727	596	11,382	11,768	386
35 to 44 years	19,366	19,598	232	11,004	11,207	203	8,363	8,391	28
45 to 54 years	15,758	15,747	-11	9,129	9,087	-42	6,628	6,660	32
55 to 64 years	10,798	11,015	217	6,419	6,489	70	4,379	4,526	147
65 years and over	2,610	2,641	31	1,528	1,543	15	1,082	1,098	16
Unemployed									
Total, 16 years and over	8,080	8,273	193	4,465	4,577	112	3,615	3,696	81
16 to 19 years	1,733	1,763	30	944	962	18	789	800	11
20 to 24 years	1,905	1,976	71	1,100	1,144	44	805	833	28
25 to 34 years	2,132	2,211	79	1,169	1,213	44	963	998	35
35 to 44 years	1,059	1,065	6	545	552	7	514	513	-1
45 to 54 years	717	715	-2	394	390	-4	323	325	2
55 to 64 years	436	444	8	258	261	3	178	184	6
65 years and over	97	98	1	55	55	0	42	43	1
Unemployment rate									
Total, 16 years and over	7.6	7.6	0	7.4	7.4	0	7.9	7.9	0
16 to 19 years	19.6	19.6	0	20.1	20.1	0	19.0	19.0	0
20 to 24 years	12.3	12.3	0	13.2	13.2	0	11.1	11.2	0.1
25 to 34 years	7.3	7.3	0	6.9	6.9	0	7.7	7.7	0
35 to 44 years	5.1	5.0	-0.1	4.6	4.5	-0.1	5.7	5.7	0
45 to 54 years	4.2	4.2	0	4.0	4.0	0	4.6	4.6	0
55 to 64 years	3.7	3.7	0	3.6	3.6	0	3.8	3.8	0
65 years and over	3.2	3.2	0	3.0	2.9	-.1	3.6	3.6	0

Table 1. Labor force status of the noninstitutional population by age, sex, race, and Hispanic origin using 1970 and 1980 census population estimates, 1981 annual averages--Continued

(Numbers in thousands)

Labor force status and age	White								
	Total			Males			Females		
	1970 base	1980 base	Net difference	1970 base	1980 base	Net difference	1970 base	1980 base	Net difference
Civilian noninstitutional population									
Total, 16 years and over	145,379	147,908	2,529	69,311	70,480	1,169	76,068	77,428	1,360
16 to 19 years	13,347	13,516	169	6,676	6,764	88	6,671	6,752	81
20 to 24 years	17,137	17,609	472	8,399	8,644	245	8,737	8,965	228
25 to 34 years	31,473	32,367	894	15,524	16,005	481	15,949	16,362	413
35 to 44 years	22,732	22,778	46	11,089	11,171	82	11,643	11,606	-37
45 to 54 years	19,661	19,666	5	9,587	9,560	-27	10,074	10,106	32
55 to 64 years	19,032	19,485	453	9,021	9,139	118	10,010	10,346	336
65 years and over	21,998	22,487	489	9,015	9,195	180	12,983	13,292	309
Civilian labor force									
Total, 16 years and over	93,586	95,052	1,466	54,027	54,895	868	39,559	40,157	598
16 to 19 years	7,881	7,962	81	4,174	4,224	50	3,707	3,739	32
20 to 24 years	13,549	13,926	377	7,304	7,521	217	6,245	6,406	161
25 to 34 years	25,470	26,208	738	14,881	15,340	459	10,589	10,868	279
35 to 44 years	18,390	18,445	55	10,661	10,740	79	7,730	7,704	-26
45 to 54 years	15,008	14,993	-15	8,865	8,836	-29	6,143	6,157	14
55 to 64 years	10,527	10,[illegible]4	187	6,463	6,530	67	4,114	4,235	121
65 years and over	2,711	2,753	42	1,680	1,704	24	1,031	1,049	18
Employed									
Total, 16 years and over	87,340	88,709	1,369	50,504	51,315	811	36,836	37,394	558
16 to 19 years	6,520	6,588	68	3,426	3,469	43	3,094	3,119	25
20 to 24 years	12,137	12,477	340	6,457	6,652	195	5,680	5,826	146
25 to 34 years	23,855	24,551	696	13,963	14,398	435	9,892	10,153	261
35 to 44 years	17,561	17,617	56	10,228	10,307	79	7,333	7,311	-22
45 to 54 years	14,429	14,414	-15	8,546	8,518	-28	5,882	5,896	14
55 to 64 years	10,204	10,386	182	6,244	6,309	65	3,959	4,077	118
65 years and over	2,635	2,676	41	1,639	1,662	23	996	1,013	17
Agriculture									
Total, 16 years and over	3,073	3,109	36	2,452	2,481	29	622	628	6
16 to 19 years	356	359	3	296	299	3	60	60	0
20 to 24 years	397	408	11	327	336	9	70	72	2
25 to 34 years	619	634	15	484	497	13	135	138	3
35 to 44 years	500	500	0	366	367	1	134	133	-1
45 to 54 years	467	464	-3	358	356	-2	109	109	0
55 to 64 years	461	467	6	379	382	3	82	85	3
65 years and over	273	277	4	242	245	3	31	32	1
Nonagricultural industries									
Total, 16 years and over	84,267	85,600	1,333	48,052	48,833	781	36,214	36,767	553
16 to 19 years	6,164	6,229	65	3,130	3,170	40	3,034	3,059	25
20 to 24 years	11,739	12,069	330	6,130	6,315	185	5,610	5,754	144
25 to 34 years	23,237	23,916	679	13,480	13,901	421	9,757	10,015	258
35 to 44 years	17,061	17,118	57	9,862	9,940	78	7,199	7,178	-21
45 to 54 years	13,961	13,950	-11	8,189	8,163	-26	5,773	5,787	14
55 to 64 years	9,743	9,919	176	5,865	5,927	62	3,877	3,992	115
65 years and over	2,362	2,399	37	1,397	1,418	21	965	982	17
Unemployed									
Total, 16 years and over	6,246	6,343	97	3,523	3,580	57	2,723	2,762	39
16 to 19 years	1,361	1,374	13	747	755	8	614	620	6
20 to 24 years	1,412	1,449	37	847	869	22	565	580	15
25 to 34 years	1,615	1,658	43	918	943	25	697	715	18
35 to 44 years	829	827	-2	433	433	0	397	394	-3
45 to 54 years	579	578	-1	318	317	-1	261	261	0
55 to 64 years	373	379	6	219	221	2	154	158	4
65 years and over	76	77	1	41	42	1	35	36	1
Unemployment rate									
Total, 16 years and over	6.7	6.7	0	6.5	6.5	0	6.9	6.9	0
16 to 19 years	17.3	17.3	0	17.9	17.9	0	16.6	16.6	0
20 to 24 years	10.4	10.4	0	11.6	11.6	0	9.1	9.1	0
25 to 34 years	6.3	6.3	0	6.2	6.1	-0.1	6.6	6.6	0
35 to 44 years	4.5	4.5	0	4.1	4.0	-.1	5.1	5.1	0
45 to 54 years	3.9	3.9	0	3.6	3.6	0	4.2	4.2	0
55 to 64 years	3.5	3.5	0	3.4	3.4	0	3.8	3.7	-0.1
65 years and over	2.8	2.8	0	2.4	2.4	0	3.4	3.4	0

Table 1. Labor force status of the noninstitutional population by age, sex, race, and Hispanic origin using 1970 and 1980 census population estimates, 1981 annual averages--Continued

(Numbers in thousands)

Labor force status and age	Black and other								
	Total			Males			Females		
	1970 base	1980 base	Net difference	1970 base	1980 base	Net difference	1970 base	1980 base	Net difference
Civilian noninstitutional population									
Total, 16 years and over	21,057	22,722	1,165	9,458	10,032	574	11,599	12,190	591
16 to 19 years	2,558	2,697	139	1,265	1,328	83	1,313	1,369	56
20 to 24 years	2,945	3,211	266	1,318	1,471	153	1,627	1,740	113
25 to 34 years	4,961	5,410	449	2,192	2,422	230	2,768	2,988	220
35 to 44 years	3,289	3,513	224	1,439	1,587	148	1,850	1,926	76
45 to 54 years	2,751	2,756	5	1,261	1,237	-24	1,490	1,519	29
55 to 64 years	2,172	2,271	99	991	1,012	21	1,181	1,259	78
65 years and over	2,382	2,363	-19	1,012	974	-38	1,370	1,388	18
Civilian labor force									
Total, 16 years and over	12,807	13,618	811	6,606	7,079	473	6,201	6,539	338
16 to 19 years	967	1,025	58	515	553	38	453	472	19
20 to 24 years	1,994	2,173	179	1,016	1,127	111	978	1,045	67
25 to 34 years	3,835	4,183	348	1,938	2,139	201	1,898	2,045	147
35 to 44 years	2,579	2,766	187	1,289	1,425	136	1,289	1,341	52
45 to 54 years	1,978	1,977	-1	1,052	1,032	-20	926	944	18
55 to 64 years	1,157	1,205	48	626	640	14	530	565	35
65 years and over	297	289	-8	170	162	-8	127	127	0
Employed									
Total, 16 years and over	10,973	11,688	715	5,664	6,083	419	5,309	5,606	297
16 to 19 years	595	637	42	318	346	28	278	291	13
20 to 24 years	1,502	1,645	143	763	853	90	739	793	54
25 to 34 years	3,318	3,630	312	1,687	1,868	181	1,632	1,761	129
35 to 44 years	2,348	2,528	180	1,177	1,307	130	1,171	1,221	50
45 to 54 years	1,839	1,840	1	976	959	-17	864	881	17
55 to 64 years	1,094	1,139	45	588	600	12	506	539	33
65 years and over	276	269	-7	136	149	-7	120	120	0
Agriculture									
Total, 16 years and over	239	259	20	203	219	16	36	40	4
16 to 19 years	19	21	2	16	18	2	3	3	0
20 to 24 years	24	27	3	20	23	3	4	4	0
25 to 34 years	43	50	7	36	42	6	7	8	1
35 to 44 years	43	47	4	35	39	4	8	8	0
45 to 54 years	43	44	1	35	35	0	8	8	0
55 to 64 years	39	43	4	35	38	3	4	5	1
65 years and over	28	27	-1	25	24	-1	3	3	0
Nonagricultural industries									
Total, 16 years and over	10,735	11,429	694	5,461	5,864	403	5,273	5,566	293
16 to 19 years	576	616	40	302	328	26	275	288	13
20 to 24 years	1,478	1,619	141	742	830	88	735	789	54
25 to 34 years	3,276	3,580	304	1,651	1,827	176	1,625	1,753	128
35 to 44 years	2,306	2,481	175	1,142	1,267	125	1,164	1,213	49
45 to 54 years	1,796	1,796	0	941	924	-17	856	872	16
55 to 64 years	1,055	1,096	41	553	562	9	502	534	32
65 years and over	248	242	-6	131	125	-6	117	117	0
Unemployed									
Total, 16 years and over	1,833	1,930	97	942	997	55	892	933	41
16 to 19 years	372	388	16	197	208	11	175	181	6
20 to 24 years	491	527	34	253	274	21	239	253	14
25 to 34 years	517	554	37	251	270	19	266	284	18
35 to 44 years	230	238	8	112	119	7	118	119	1
45 to 54 years	138	137	-1	76	73	-3	62	64	2
55 to 64 years	63	66	3	38	40	2	24	26	2
65 years and over	21	20	-1	14	13	-1	7	7	0
Unemployment rate									
Total, 16 years and over	14.3	14.2	-0.1	14.3	14.1	-0.2	14.4	14.3	-0.1
16 to 19 years	38.4	37.8	-.6	38.3	37.5	-.8	38.6	38.3	-.3
20 to 24 years	24.7	24.3	-.4	24.9	24.4	-.5	24.5	24.2	-.3
25 to 34 years	13.5	13.2	-.3	13.0	12.6	-.4	14.0	13.9	-.1
35 to 44 years	8.9	8.6	-.3	8.7	8.3	-.4	9.1	8.9	-.2
45 to 54 years	7.0	6.9	-.1	7.2	7.1	-.1	6.7	6.7	0
55 to 64 years	5.4	5.5	.1	6.1	6.2	.1	4.5	4.6	.1
65 years and over	7.1	7.0	-.1	8.1	8.0	-.1	5.8	5.7	-.1

Table 1. Labor force status of the noninstitutional population by age, sex, race, and Hispanic origin using 1970 and 1980 census population estimates, 1981 annual averages--Continued

(Numbers in thousands)

Labor force status and age	Black								
	Total			Males			Females		
	1970 base	1980 base	Net difference	1970 base	1980 base	Net difference	1970 base	1980 base	Net difference
Civilian noninstitutional population									
Total, 16 years and over	17,808	18,219	411	7,977	8,117	140	9,831	10,102	271
16 to 19 years	2,227	2,288	61	1,078	1,110	32	1,149	1,178	29
20 to 24 years	2,499	2,642	143	1,108	1,189	81	1,391	1,453	62
25 to 34 years	4,073	4,290	217	1,800	1,914	114	2,272	2,376	104
35 to 44 years	2,755	2,758	3	1,213	1,223	10	1,542	1,534	-8
45 to 54 years	2,308	2,260	-48	1,068	1,003	-65	1,240	1,257	17
55 to 64 years	1,887	1,913	26	860	844	-16	1,028	1,069	41
65 years and over	2,060	2,069	9	851	834	-17	1,209	1,234	25
Civilian labor force									
Total, 16 years and over	10,810	11,086	276	5,559	5,684	125	5,251	5,401	150
16 to 19 years	834	862	28	444	462	18	389	400	11
20 to 24 years	1,724	1,828	104	876	941	65	847	888	41
25 to 34 years	3,189	3,365	176	1,601	1,702	101	1,588	1,663	75
35 to 44 years	2,158	2,164	6	1,083	1,093	10	1,075	1,071	-4
45 to 54 years	1,651	1,608	-43	882	829	-53	769	779	10
55 to 64 years	1,000	1,009	9	535	524	-11	465	485	20
65 years and over	254	249	-5	138	134	-4	117	115	-2
Employed									
Total, 16 years and over	9,134	9,355	221	4,697	4,794	97	4,437	4,561	124
16 to 19 years	487	505	18	263	274	11	225	232	7
20 to 24 years	1,266	1,346	80	643	693	50	623	653	30
25 to 34 years	2,720	2,872	152	1,368	1,457	89	1,351	1,415	64
35 to 44 years	1,951	1,957	6	982	991	9	969	966	-3
45 to 54 years	1,528	1,489	-39	812	764	-48	716	725	9
55 to 64 years	945	954	9	502	492	-10	444	462	18
65 years and over	237	231	-6	127	123	-4	110	108	-2
Agriculture									
Total, 16 years and over	177	184	7	156	162	6	21	22	1
16 to 19 years	16	17	1	13	14	1	3	3	0
20 to 24 years	18	20	2	16	17	1	2	3	1
25 to 34 years	29	32	3	25	28	3	3	4	1
35 to 44 years	36	38	2	31	32	1	6	6	0
45 to 54 years	34	33	-1	30	30	0	3	3	0
55 to 64 years	25	26	1	23	24	1	2	2	0
65 years and over	19	19	0	18	17	-1	2	2	0
Nonagricultural industries									
Total, 16 years and over	8,957	9,171	214	4,541	4,632	91	4,416	4,539	123
16 to 19 years	472	489	17	250	260	10	222	229	7
20 to 24 years	1,248	1,326	78	628	675	47	621	650	29
25 to 34 years	2,691	2,840	149	1,343	1,429	86	1,348	1,411	63
35 to 44 years	1,914	1,919	5	951	959	8	963	960	-3
45 to 54 years	1,494	1,456	-38	782	735	-47	712	722	10
55 to 64 years	920	928	8	478	468	-10	442	460	18
65 years and over	217	212	-5	109	106	-3	108	106	-2
Unemployed									
Total, 16 years and over	1,676	1,731	55	861	891	30	814	840	26
16 to 19 years	346	357	11	182	188	6	165	169	4
20 to 24 years	457	483	26	233	248	15	225	235	10
25 to 34 years	469	493	24	232	245	13	237	248	11
35 to 44 years	208	207	-1	101	101	0	106	105	-1
45 to 54 years	123	119	-4	70	65	-5	54	54	0
55 to 64 years	55	55	0	33	33	0	22	23	1
65 years and over	18	17	-1	11	11	0	7	7	0
Unemployment rate									
Total, 16 years and over	15.5	15.6	0.1	15.5	15.7	-0.2	15.5	15.6	0.1
16 to 19 years	41.5	41.4	-.1	40.9	40.7	-.2	42.3	42.2	-.1
20 to 24 years	26.5	26.4	-.1	26.6	26.4	-.2	26.5	26.4	-.1
25 to 34 years	14.7	14.7	0	14.5	14.4	-.1	14.9	14.9	0
35 to 44 years	9.6	9.5	-.1	9.4	9.3	-.1	9.9	9.8	-.1
45 to 54 years	7.5	7.4	-.1	7.9	7.8	-.1	7.0	6.9	-.1
55 to 64 years	5.5	5.5	0	6.2	6.2	0	4.7	4.7	0
65 years and over	7.0	7.0	0	7.9	7.9	0	6.0	6.0	0

Table 1. Labor force status of the noninstitutional population by age, sex, race, and Hispanic origin using 1970 and 1980 census population estimates, 1981 annual averages--Continued

(Numbers in thousands)

Labor force status and age	Hispanic origin								
	Total			Males			Females		
	1970 base	1980 base	Net difference	1970 base	1980 base	Net difference	1970 base	1980 base	Net difference
Civilian noninstitutional population									
Total, 16 years and over	8,970	9,310	340	4,341	4,511	170	4,629	4,798	169
16 to 19 years	1,139	1,176	37	578	597	19	561	579	18
20 to 24 years	1,410	1,478	68	709	743	34	702	735	33
25 to 34 years	2,412	2,527	115	1,168	1,228	60	1,244	1,299	55
35 to 44 years	1,562	1,597	35	737	758	21	826	839	13
45 to 54 years	1,127	1,149	22	537	546	9	590	603	13
55 to 64 years	740	774	34	352	364	12	388	411	23
65 years and over	580	608	28	262	275	13	317	333	16
Civilian labor force									
Total, 16 years and over	5,750	5,972	222	3,505	3,644	139	2,245	2,328	83
16 to 19 years	527	545	18	312	323	11	215	222	7
20 to 24 years	1,048	1,100	52	630	662	32	418	439	21
25 to 34 years	1,794	1,884	90	1,098	1,155	57	696	729	33
35 to 44 years	1,147	1,175	28	684	704	20	463	471	8
45 to 54 years	796	812	16	486	495	9	310	317	7
55 to 64 years	372	387	15	247	255	8	125	132	7
65 years and over	66	69	3	48	50	2	18	19	1
Employed									
Total, 16 years and over	5,148	5,348	200	3,147	3,273	126	2,001	2,076	75
16 to 19 years	400	414	14	236	244	8	164	170	6
20 to 24 years	901	947	46	540	568	28	361	379	18
25 to 34 years	1,634	1,717	83	999	1,052	53	635	665	30
35 to 44 years	1,061	1,088	27	639	658	19	421	429	8
45 to 54 years	745	759	14	457	465	8	288	294	6
55 to 64 years	345	359	14	230	238	8	114	121	7
65 years and over	62	65	3	44	47	3	18	18	0
Agriculture									
Total, 16 years and over	241	251	10	201	209	8	40	42	2
16 to 19 years	27	28	1	20	21	1	7	7	0
20 to 24 years	46	48	2	38	40	2	8	8	0
25 to 34 years	66	70	4	57	60	3	10	10	0
35 to 44 years	44	45	1	36	37	1	8	8	0
45 to 54 years	31	32	1	27	27	0	4	4	0
55 to 64 years	20	21	1	18	18	0	3	3	0
65 years and over	7	8	1	6	7	1	1	1	0
Nonagricultural industries									
Total, 16 years and over	4,907	5,097	190	2,946	3,063	117	1,961	2,034	73
16 to 19 years	373	386	13	216	223	7	157	163	6
20 to 24 years	856	899	43	502	528	26	353	371	18
25 to 34 years	1,568	1,647	79	443	992	49	625	655	30
35 to 44 years	1,017	1,043	26	604	622	18	413	421	8
45 to 54 years	714	728	14	430	438	8	284	290	6
55 to 64 years	325	338	13	213	220	7	112	118	6
65 years and over	55	57	2	38	40	2	17	17	0
Unemployed									
Total, 16 years and over	602	624	22	358	371	13	244	252	8
16 to 19 years	127	131	4	76	78	2	51	52	1
20 to 24 years	147	154	7	90	94	4	57	60	3
25 to 34 years	160	167	7	99	103	4	61	64	3
35 to 44 years	86	88	2	45	46	1	41	42	1
45 to 54 years	51	52	1	29	29	0	22	23	1
55 to 64 years	27	28	1	16	17	1	11	11	0
65 years and over	4	4	0	3	4	1	0	0	0
Unemployment rate									
Total, 16 years and over	10.5	10.4	-0.1	10.2	10.2	0	10.9	10.8	-0.1
16 to 19 years	24.1	24.0	-.1	24.3	24.3	0	23.6	23.5	-.1
20 to 24 years	14.0	14.0	0	14.2	14.2	0	13.7	13.6	-.1
25 to 34 years	8.9	8.9	0	9.0	9.0	0	8.8	8.8	0
35 to 44 years	7.5	7.5	0	6.5	6.5	0	8.9	8.9	0
45 to 54 years	6.4	6.4	0	6.0	5.9	-0.1	7.2	7.2	0
55 to 64 years	7.3	7.3	0	6.7	6.6	-.1	8.6	8.6	0
65 years and over	5.8	5.8	0	7.1	7.2	.1	2.3	2.0	-.3

Revision of Seasonally Adjusted Labor Force Series

*Robert J. McIntire

At the beginning of each year, BLS revises its seasonally adjusted labor force estimates for the most recent 5-year period. These revisions customarily reflect just the inclusion of another year's data in the seasonal adjustment process, which allows improved estimation of current and recent seasonality in these time series.

This year, however, a much more extensive revision has been carried out. For the first time, the unadjusted labor force estimates have been "rebenchmarked" to the population counts from a new decennial census. (A separate article in this issue discusses these rebenchmarking revisions in detail.) Unadjusted observations for all labor force series involved in deriving seasonally adjusted estimates have been revised back to May 1970 (the month following the previous decennial census). Therefore, it was necessary to revise all seasonally adjusted labor force series for a similar period, and revisions have accordingly been generated for the full 12-year period 1970-81. This issue contains the revised data for all 12 years for 365 labor force series. The monthly labor force data (tables A-33 through A-42) also reflect the revisions.

In addition, this issue provides the new seasonal factors to be used during the first 6 months of 1982 for the current seasonal adjustment of the 12 component series of the overall civilian labor force and the overall unemployment rate (see table 3 at the end of this article). The factors for the last 6 months of 1982 will be calculated in early July, based on data through June 1982, and will be published in the July issue of this publication.

Effects of the revisions

The methodology for the "rebenchmarking" procedure was designed to minimize disturbance to the seasonal components of the labor force time series. Initial review of the results of this year's seasonal adjustment process indicates that this objective was achieved: There was little change in the estimates of most seasonal components during the first two-thirds of the 12-year period subject to revision; and the changes to the estimates of seasonality in the most recent part of the period were primarily due to the usual improvement realized by incorporating an extra year of data (1981 in this case) into the estimation process.

Although the rebenchmarking process and the new census weighting procedures underlying the revised 1981 data substantially changed the trend levels of series that are weighted person counts, especially in the latter part of the period, the seasonal components were not significantly affected. A more thorough review of the effects of the new weighting procedure, especially on data tabulated by race, is planned as more data are accumulated.

It is difficult to compare the revised seasonally adjusted estimates with the initial estimates for 1981 for series which are *person* counts, but the comparison is straightforward for *rates*, where the trend revisions affected numerator and denominator almost equally. Table 1 summarizes the effects of the revisions on the overall unemployment rate, the most prominent labor force series, during 1981. The rate was revised for 8 of the 12 months. In all cases except for July, when the rate increased by 0.2 percentage point, the change only amounted to an increase or decrease of 0.1 percentage point. The revised rates are noticeably smoother than the rates as originally published, especially the month-to-month changes from April through August. But the

Table 1. Seasonally adjusted unemployment rates, 1981, and change due to revision

Month	As published during 1981	As revised	Change due to revision
January	7.4	7.4	0
February	7.3	7.4	0.1
March	7.3	7.3	0
April	7.3	7.3	0
May	7.6	7.5	-.1
June	7.3	7.4	.1
July	7.0	7.2	.2
August	7.2	7.3	.1
September	7.5	7.6	.1
October	8.0	8.0	0
November	8.4	8.3	-.1
December	8.9	8.8	-.1

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revisions did not alter the timing of the significant upward shift in the last months nor the pattern for the year as a whole.

Adjustment methods and procedures

Through most of the 1970's, the Census Bureau's X-11 method[1] was used for seasonal adjustment of labor force series. At the end of 1979, the X-11 ARIMA procedure,[2] developed by Statistics Canada as an extension of the X-11 method, was adopted as the official seasonal adjustment procedure. The switch was made after extensive tests had shown that initial seasonally adjusted estimates were, on average, better (came closer to later revisions) with the X-11 ARIMA than with the X-11 alone. Its use for seasonal adjustment of labor force data at the BLS was also consistent with the recommendations in the final report of the National Commission on Employment and Unemployment Statistics.[3]

The X-11 ARIMA method improves current estimates by allowing recent observations, especially the last 6 months, to weigh more heavily in the estimates of current and recent seasonal factors than did the X-11 alone. The method provides this improvement through the use of ARIMA models to extend the data series by 12 months. The X-11 algorithm for seasonal adjustment is applied to the extended series. The addition of projected observations at the end of the series allows the actual observations from the most recent year to make a stronger contribution to estimates of current and recent seasonality than they could with the old X-11 method.

ARIMA projections are based only on the past experience observed in a series itself. ARIMA models have proven to have good properties for short-term projection or extrapolation of a large class of time series, especially in a seasonal adjustment context, since the extrapolations tend to track intra-year movements quite well. The ARIMA models in the X-11 ARIMA program used to seasonally adjust the labor force series are of the Box-Jenkins type.[4] They can generally be described with the notation

(p, d, q) (P, D, Q) TRANSFORMATION,

where:

(1) p is the number of regular (nonseasonal) auto-regressive parameters
(2) d is the number of regular differences
(3) q is the number of regular moving average parameters
(4) P is the number of seasonal auto-regressive parameters
(5) D is the number of seasonal differences
(6) Q is the number of seasonal moving average parameters
(7) TRANSFORMATION may be NONE, LOG, or POWER (n).

While the lettered elements within the parentheses of the model specification can theoretically take on many values, in practice only small values are useful.

For each labor force series which has been extended based on an ARIMA model, the model has been specifically chosen as well suited to the particular series, based on a set of established criteria. The criteria essentially require a model to: (1) fit the series well, (2) have low average forecasting errors in the last 3 years prior to the projected year, and (3) produce residuals (the differences between the observed values and the values forecast by the model) which follow a random pattern. Acceptable ARIMA models have been identified and used for 167 of the 222 labor force series which were directly seasonally adjusted at the end of 1981, including all 12 major labor force components, whose models are identified in table 2. The 55 remaining series for which models have not yet been identified were simply adjusted with the X-11 part of the program, essentially the same way they have been adjusted for several years. BLS will continue to test and evaluate ARIMA models for all 222 series and for any series that may be selected in the future for direct seasonal adjustment.

Table 2. ARIMA models for the 12 major labor force components, 1982

Series	Model	Transformation
Agricultural employment:		
Males, 20 years and over	(0,1,4) (0,1,1)	NONE
Females, 20 years and over	(0,1,2) (0,1,1)	LOG
Males, 16-19 years	(0,1,2) (0,1,1)	NONE
Females, 16-19 years	(2,0,1) (0,1,1)	NONE
Nonagricultural employment:		
Males, 20 years and over	(0,1,1) (0,1,1)	LOG
Females, 20 years and over	(0,1,1) (0,1,1)	LOG
Males, 16-19 years	(0,1,1) (0,1,1)	NONE
Females, 16-19 years	(0,1,1) (0,1,1)	NONE
Unemployment:		
Males, 20 years and over	(2,1,2) (0,1,1)	NONE
Females, 20 years and over	(0,2,2) (0,1,1)	LOG
Males, 16-19 years	(0,1,1) (0,1,1)	NONE
Females, 16-19 years	(2,0,2) (0,1,1)	LOG

The procedures used for adjusting the labor force series within the X-11 part of the process are the same as those followed for the last 3 years. The X-11 method assumes that the original series is either the product or the sum of three components—trend-cycle, seasonal,

[1] The X-11 method is described in *The X-11 Variant of the Census Method II Seasonal Adjustment Program*, by Julius Shiskin, Alan Young, and John Musgrave (Technical Paper No. 15, Bureau of the Census, 1967).

[2] ARIMA is an acronym for Auto-Regressive Integrated Moving Average. The primary documentation for the X-11 ARIMA procedure is in *The X-11 ARIMA Seasonal Adjustment Method*, by Estela Bee Dagum (Statistics Canada Catalogue No. 12-564E, February 1980).

[3] National Commission on Employment and Unemployment Statistics, *Counting the Labor Force* (U.S. Government Printing Office, 1979).

[4] For more detailed discussion of ARIMA models, refer to the previously cited Dagum (1980) and to: Box, G.E.P. and Jenkins, G.M., *Time Series Analysis Forecasting and Control* (San Francisco, Holden Day, 1970); and Granger C.W.J. and Newbold, P., *Forecasting Economic Time Series* (New York, Academic Press, 1977).

and irregular. The method uses either a ratio-to- or difference-from-moving-average approach to estimate the components, depending upon whether the multiplicative or additive model is assumed. The seasonally adjusted series values are computed by dividing each month's original value by the corresponding seasonal factor if the multiplicative model is used, or by subtracting the factor from the original value if the additive model is used. Of the 12 major labor force components, the four teenage unemployment and nonagricultural employment series were adjusted using the additive model, and the other eight series with the multiplicative model. Of all 222 adjusted series, 40 were adjusted with the additive model, primarily those involving teenage employment and unemployment. As with the ARIMA models, the selection of these seasonal adjustment models is subject to an ongoing program of testing and evaluation.

To correct for the effects of the sudden large rise in adult male unemployment in late 1974 and early 1975, a "prior adjustment" to the major component series for unemployed men 20 years and over was introduced 4 years ago and is retained in the current procedures. It was discussed in some detail in the February 1978 issue of *Employment and Earnings*.[1] The adjustment is carried out after ARIMA extrapolation of the series but before actual seasonal adjustment, by multiplying all values of the extended series prior to November 1974 by a constant of 1.5. While this adjustment has essentially no effect on current factors and recent revisions, it played an important role in stabilizing the factor estimation process for much of the 12-year period which was being revised this year and so was retained in this year's seasonal adjustment process. On the assumption that the revision period will revert to a 5-year time frame next year, this particular prior adjustment will probably be dropped after this year, since it will no longer have any significant impact on the years being revised. The technique will, however, be considered for use again with a major labor force series if similar sudden shifts show evidence of distorting the seasonal adjustment estimation process.

For most of the directly adjusted labor force series, the new seasonally adjusted estimates are based on data beginning with January 1967. Some of the adjusted series, however, are not available this far back. In those cases, the full span of available data was used, and, because of the 12-year period being revised, the "backcasting" capability of the X-11 ARIMA program was used in addition to the forecasting capability, thus extending those series at both ends. As with the prior adjustment discussed above, it should be possible to drop all use of the backcasting option for all these labor force series when the revision span reverts to a 5-year period.

Aggregation procedures

BLS maintains and publishes several hundred seasonally adjusted labor force time series in addition to the 222 directly adjusted series discussed above. The additional series are produced by arithmetically combining or aggregating the directly adjusted series. For example, the seasonally adjusted levels of total unemployment, employment, and civilian labor force, and the seasonally adjusted unemployment rate are all produced by aggregation of the seasonally adjusted results for the 12 major labor force component series. The seasonally adjusted level of total unemployment is the sum of the seasonally adjusted levels of unemployment for the four sex-age groups—men and women 16-19, and men and women 20 years and over. Seasonally adjusted employment is the sum of the seasonally adjusted levels of employment for eight sex-age-industry groups—men and women 16-19, and men and women 20 years and over, employed in nonagricultural and agricultural industries. The seasonally adjusted civilian labor force is the sum of all 12 components. Finally, the seasonally adjusted overall unemployment rate is calculated by taking the total seasonally adjusted unemployment level as a percent of the total seasonally adjusted civilian labor force.

Availability of revised series

Many of the revised seasonally adjusted series are being published in this issue of *Employment and Earnings*. Additional data for any of the several hundred seasonally adjusted labor force series may be obtained from BLS upon request. Inquiries should be addressed to the Division of Employment and Unemployment Analysis, Office of Current Employment Analysis, Bureau of Labor Statistics, Washington, D.C. 20212.

These series and many more are available on magnetic tape, which can be purchased from the Bureau of Labor Statistics. A brief discussion of the machine-readable data and a form which can be used to order the data file (as well as other BLS data files) are contained in BLS Report 620, *BLS Machine-Readable Data and Tabulating Routines*. The current price for the Labor Force File is $200. Orders should be sent to the Division of Planning and Financial Management, Bureau of Labor Statistics, Washington, D.C. 20212.

Persons wishing more information concerning the seasonal adjustment methodology discussed in this article or the content of the Labor Force File should address their inquiries to the Data Services Group, Office of Current Employment Analysis, Bureau of Labor Statistics Washington, D.C. 20212.

[1] Thomas J. Plewes, "Revision of Seasonally Adjusted Labor Force Series," *Employment and Earnings*, February 1978, pp. 11-14.

Table 3. Current seasonal adjustment factors for the 12 major labor force components, January-June 1982

Procedure and series	January	February	March	April	May	June
Multiplicative Adjustment (Divide factor into original value)						
Agricultural employment:						
Males, 20 years and over	0.905	0.909	0.923	0.979	1.020	1.062
Females, 20 years and over	0.754	0.758	0.826	0.917	1.047	1.216
Males, 16-19 years	0.623	0.596	0.742	0.895	1.053	1.503
Females, 16-19	0.604	0.479	0.649	0.816	1.070	1.622
Nonagricultural employment:						
Males, 20 years and over	0.987	0.987	0.992	0.996	1.000	1.007
Females, 20 years and over	1.000	1.005	1.008	1.007	1.001	0.984
Unemployment:						
Males, 20 years and over	1.172	1.174	1.136	1.023	0.950	0.975
Females, 20 years and over	1.053	1.020	0.974	0.928	0.944	1.003
Additive Adjustment (Subtract factor from original value)						
Nonagricultural employment:						
Males, 16-19 years	-327	-388	-277	-196	-121	485
Females, 16-19 years	-235	-272	-268	-221	-179	258
Unemployment:						
Males, 16-19 years	36	43	-23	-105	-115	272
Females, 16-19 years	-59	-63	-70	-96	30	302

HOUSEHOLD DATA
HISTORICAL

A-1. Employment status of the noninstitutional population 16 years and over, 1947 to date

(Numbers in thousands)

Year and month	Total noninstitutional population	Total labor force		Civilian labor force						Not in labor force
					Employed			Unemployed		
		Number	Percent of population	Total	Total	Agriculture	Nonagricultural industries	Number	Percent of labor force	
	Annual averages									
1947	103,418	60,941	58.9	59,350	57,038	7,890	49,148	2,311	3.9	42,477
1948	104,527	62,080	59.4	60,621	58,343	7,629	50,714	2,276	3.8	42,447
1949	105,611	62,903	59.6	61,286	57,651	7,658	49,993	3,637	5.9	42,708
1950	106,645	63,858	59.9	62,208	58,918	7,160	51,758	3,288	5.3	42,787
1951	107,721	65,117	60.4	62,017	59,961	6,726	53,235	2,055	3.3	42,604
1952	108,823	65,730	60.4	62,138	60,250	6,500	53,749	1,883	3.0	43,093
1953[1]	110,601	66,560	60.2	63,015	61,179	6,260	54,919	1,834	2.9	44,041
1954	111,671	66,993	60.0	63,643	60,109	6,205	53,904	3,532	5.5	44,678
1955	112,732	68,072	60.4	65,023	62,170	6,450	55,722	2,852	4.4	44,660
1956	113,811	69,409	61.0	66,552	63,795	6,283	57,514	2,750	4.1	44,402
1957	115,065	69,729	60.6	66,929	64,071	5,947	58,123	2,859	4.3	45,336
1958	116,363	70,275	60.4	67,639	63,036	5,586	57,450	4,602	6.8	46,088
1959	117,881	70,921	60.2	68,369	64,630	5,565	59,065	3,740	5.5	46,960
1960[1]	119,759	72,142	60.2	69,628	65,778	5,458	60,318	3,852	5.5	47,617
1961	121,343	73,031	60.2	70,459	65,746	5,200	60,546	4,714	6.7	48,312
1962	122,981	73,442	59.7	70,614	66,702	4,944	61,759	3,911	5.5	49,539
1963	125,154	74,571	59.6	71,833	67,762	4,687	63,076	4,070	5.7	50,583
1964	127,224	75,830	59.6	73,091	69,305	4,523	64,782	3,786	5.2	51,394
1965	129,236	77,178	59.7	74,455	71,088	4,361	66,726	3,366	4.5	52,058
1966	131,180	78,893	60.1	75,770	72,895	3,979	68,915	2,875	3.8	52,288
1967	133,319	80,793	60.6	77,347	74,372	3,844	70,527	2,975	3.8	52,527
1968	135,562	82,272	60.7	78,737	75,920	3,817	72,103	2,817	3.6	53,291
1969	137,841	84,240	61.1	80,734	77,902	3,606	74,296	2,832	3.5	53,602
1970	140,272	85,959	61.3	82,771	78,678	3,463	75,215	4,093	4.9	54,315
1971	143,033	87,198	61.0	84,382	79,367	3,394	75,972	5,016	5.9	55,834
1972[1]	146,578	89,484	61.1	87,034	82,153	3,484	78,669	4,882	5.6	57,091
1973[1]	149,423	91,756	61.4	89,429	85,064	3,470	81,594	4,365	4.9	57,667
1974	152,349	94,179	61.8	91,949	86,794	3,515	83,279	5,156	5.6	58,171
1975	155,333	95,955	61.8	93,775	85,846	3,408	82,438	7,929	8.5	59,377
1976	158,294	98,302	62.1	96,158	88,752	3,331	85,421	7,406	7.7	59,991
1977	161,166	101,142	62.8	99,009	92,017	3,283	88,734	6,991	7.1	60,025
1978[1]	164,027	104,368	63.6	102,251	96,048	3,387	92,661	6,202	6.1	59,659
1979	166,951	107,050	64.1	104,962	98,824	3,347	95,477	6,137	5.8	59,900
1980	169,848	109,042	64.2	106,940	99,303	3,364	95,938	7,637	7.1	60,806
1981	172,272	110,812	64.3	108,670	100,397	3,368	97,030	8,273	7.6	61,460
	Monthly data, seasonally adjusted[2]									
1981:										
January	171,229	110,048	64.3	107,923	99,901	3,445	96,456	8,022	7.4	61,181
February	171,400	110,155	64.3	108,034	100,069	3,346	96,723	7,965	7.4	61,246
March	171,581	110,492	64.4	108,364	100,406	3,343	97,063	7,958	7.3	61,089
April	171,770	110,908	64.6	108,777	100,878	3,470	97,408	7,899	7.3	60,864
May	171,956	111,420	64.8	109,293	101,045	3,405	97,640	8,248	7.5	60,536
June	172,172	110,565	64.2	108,434	100,430	3,348	97,082	8,004	7.4	61,608
July	172,385	110,827	64.3	108,688	100,864	3,342	97,522	7,824	7.2	61,558
August	172,559	110,978	64.3	108,818	100,840	3,404	97,436	7,978	7.3	61,581
September	172,758	110,659	64.1	108,494	100,258	3,358	96,900	8,236	7.6	62,099
October	172,966	111,170	64.3	109,012	100,343	3,378	96,965	8,669	8.0	61,797
November	173,155	111,430	64.4	109,272	100,172	3,372	96,800	9,100	8.3	61,724
December	173,330	111,348	64.2	109,184	99,613	3,209	96,404	9,571	8.8	61,982
1982:										
January	173,495	111,038	64.0	108,879	99,581	3,411	96,170	9,298	8.5	62,456

[1] Not strictly comparable with prior years. For an explanation, see "Historic Comparability" under Household Data section of Explanatory Notes.

[2] Because seasonality, by definition, does not exist in population figures, data for "total noninstitutional population" are not seasonally adjusted.

NOTE: Effective with data for January 1982, population counts derived from the 1980 Decennial Census are incorporated into the estimation procedures used in the Current Population Survey. All data for 1981 have been revised based on the new census population estimates, and adjustments have been made in the major data series for 1980 back to 1970. Seasonally adjusted data have been revised back to 1970, based on the application of new seasonal adjustment factors which incorporate data through December 1981. For additional information, see "Revisions in the Current Population Survey Beginning in January 1982" and "Revision of Seasonally Adjusted Labor Force Series" in this issue.

A-2. Employment status of the noninstitutional population 16 years and over by sex, 1972 to date

(Numbers in thousands)

Sex, year, and month	Total noninstitutional population	Total labor force		Civilian labor force						Not in labor force
					Employed			Unemployed		
		Number	Percent of population	Total	Total	Agriculture	Nonagricultural industries	Number	Percent of labor force	
MALES	Annual averages									
1972[1]	70,281	55,961	79.7	53,555	50,896	2,849	48,047	2,659	5.0	14,280
1973[1]	71,567	56,900	79.5	54,624	52,349	2,847	49,502	2,275	4.2	14,667
1974	72,971	57,902	79.3	55,739	53,024	2,919	50,105	2,714	4.9	15,069
1975	74,383	58,390	78.5	56,299	51,857	2,824	49,032	4,442	7.9	15,993
1976	75,798	59,212	78.1	57,174	53,138	2,744	50,394	4,036	7.1	16,585
1977	77,211	60,414	78.2	58,396	54,728	2,671	52,057	3,667	6.3	16,797
1978[1]	78,569	61,613	78.4	59,620	56,479	2,718	53,761	3,142	5.3	16,956
1979	79,968	62,676	78.4	60,726	57,607	2,686	54,921	3,120	5.1	17,293
1980	81,341	63,396	77.9	61,453	57,186	2,709	54,477	4,267	6.9	17,945
1981	82,476	63,939	77.5	61,970	57,397	2,700	54,697	4,577	7.4	18,537
	Monthly data, seasonally adjusted[2]									
1981:										
January	81,983	63,733	77.7	61,779	57,123	2,746	54,377	4,656	7.2	18,250
February	82,062	63,700	77.6	61,750	57,331	2,651	54,680	4,419	7.2	18,362
March	82,147	63,860	77.7	61,906	57,531	2,663	54,868	4,375	7.1	18,287
April	82,236	64,047	77.9	62,092	57,792	2,790	55,002	4,300	6.9	18,188
May	82,324	64,317	78.1	62,368	57,793	2,728	55,065	4,571	7.3	18,007
June	82,428	63,647	77.2	61,694	57,279	2,704	54,575	4,415	7.2	18,781
July	82,529	63,771	77.3	61,811	57,640	2,696	54,944	4,171	6.7	18,758
August	82,613	63,916	77.4	61,936	57,551	2,738	54,813	4,385	7.1	18,697
September	82,707	63,960	77.3	61,977	57,471	2,687	54,784	4,506	7.3	18,747
October	82,807	64,040	77.3	62,064	57,266	2,715	54,551	4,798	7.7	18,767
November	82,895	64,158	77.4	62,184	57,051	2,668	54,383	5,133	8.3	18,737
December	82,978	64,283	77.5	62,303	56,725	2,590	54,135	5,578	9.0	18,696
1982:										
January	83,054	63,941	77.0	61,966	56,625	2,698	53,931	5,338	8.6	19,113
FEMALES	Annual averages									
1972[1]	76,333	33,522	43.9	33,479	31,257	635	30,622	2,222	6.6	42,811
1973[1]	77,855	34,855	44.8	34,804	32,715	622	32,093	2,089	6.0	43,000
1974	79,379	36,278	45.7	36,211	33,769	596	33,173	2,441	6.7	43,101
1975	80,949	37,565	46.4	37,475	33,989	584	33,404	3,486	9.3	43,386
1976	82,496	39,089	47.4	38,983	35,615	588	35,027	3,369	8.6	43,406
1977	83,955	40,728	48.5	40,613	37,289	612	36,677	3,324	8.2	43,227
1978[1]	85,459	42,755	50.0	42,631	39,569	669	38,900	3,061	7.2	42,703
1979	86,983	44,375	51.0	44,235	41,217	661	40,556	3,018	6.8	42,608
1980	88,507	45,646	51.6	45,487	42,117	656	41,461	3,370	7.4	42,861
1981	89,796	46,873	52.2	46,696	43,000	667	42,333	3,696	7.9	42,922
	Monthly data, seasonally adjusted[2]									
1981:										
January	89,245	46,315	51.9	46,144	42,578	699	41,879	3,566	7.7	42,930
February	89,338	46,454	52.0	46,284	42,738	695	42,043	3,546	7.7	42,883
March	89,434	46,632	52.1	46,458	42,875	680	42,195	3,583	7.7	42,802
April	89,535	46,859	52.3	46,685	43,086	680	42,406	3,599	7.7	42,676
May	89,632	47,103	52.6	46,929	43,252	677	42,575	3,677	7.8	42,529
June	89,744	46,918	52.3	46,740	43,151	644	42,507	3,589	7.7	42,827
July	89,856	47,056	52.4	46,877	43,224	646	42,578	3,653	7.8	42,800
August	89,946	47,062	52.3	46,882	43,289	666	42,623	3,593	7.7	42,884
September	90,051	46,699	51.9	46,517	42,787	671	42,116	3,730	8.0	43,352
October	90,159	47,129	52.3	46,948	43,077	663	42,414	3,871	8.2	43,030
November	90,259	47,272	52.4	47,088	43,121	704	42,417	3,967	8.4	42,987
December	90,352	47,066	52.1	46,881	42,888	619	42,269	3,993	8.5	43,286
1982:										
January	90,441	47,097	52.1	46,913	42,952	713	42,239	3,960	8.4	43,343

[1] Not strictly comparable with prior years. For an explanation, see "Historic Comparability" under Household Data section of Explanatory Notes.

[2] Because seasonality, by definition, does not exist in population figures, data for "total noninstitutional population" are not seasonally adjusted.

NOTE: See note, table A-1.

HOUSEHOLD DATA

A-3. Employment status of the noninstitutional population by sex, age, and race

(Numbers in thousands)

Sex, age, and race	January 1982										
	Total labor force		Civilian labor force				Not in labor force				
					Unemployed						
	Number	Percent of population	Total	Employed	Number	Percent of labor force	Total	Keeping house	Going to school	Unable to work	Other reasons
MALES											
16 years and over	63,392	76.3	61,417	55,300	6,117	10.0	19,661	373	4,675	1,465	13,148
16 to 21 years	7,993	63.2	7,340	5,679	1,661	22.6	4,658	28	3,865	35	730
16 to 19 years	4,476	54.3	4,191	3,139	1,052	25.1	3,768	26	3,260	15	467
16 to 17 years	1,632	40.7	1,612	1,181	430	26.7	2,379	14	2,188	2	174
18 to 19 years	2,844	67.2	2,579	1,958	622	24.1	1,389	12	1,072	12	292
20 to 64 years	57,141	88.5	55,451	50,443	5,008	9.0	7,390	162	1,411	1,054	4,763
20 to 24 years	9,258	84.9	8,510	7,631	1,879	17.4	1,642	12	1,310	10	570
25 to 54 years	40,792	93.9	39,847	36,704	3,143	7.9	2,653	96	391	535	1,629
25 to 29 years	9,465	93.7	9,091	8,036	1,055	11.6	634	23	220	49	344
30 to 34 years	8,776	95.5	8,512	7,833	679	8.0	410	14	[illegible]	57	247
35 to 39 years	7,093	96.0	6,909	6,409	500	7.2	297	7	[illegible]	70	191
40 to 44 years	5,629	94.2	5,543	5,190	352	6.4	344	17	25	90	216
45 to 49 years	4,942	92.0	4,913	4,610	303	6.2	397	17	25	107	247
50 to 54 years	4,887	89.6	4,880	4,625	255	5.2	566	18	2	162	384
55 to 64 years	7,095	69.6	7,093	6,787	306	5.8	3,094	53	10	456	2,564
55 to 59 years	4,388	81.1	4,383	4,119	264	6.0	1,024	36	6	249	734
60 to 64 years	2,711	56.7	2,711	2,588	123	4.5	2,070	17	4	219	1,830
65 years and over	1,775	17.3	1,775	1,719	57	3.2	8,504	185	3	197	7,919
65 to 69 years	1,013	25.9	1,013	971	42	4.2	2,892	49	--	115	2,728
70 years and over	762	12.0	762	748	15	1.9	5,612	136	3	282	5,191
White											
16 years and over	55,892	77.1	54,374	49,454	4,919	9.0	16,572	266	3,709	1,178	11,419
16 to 21 years	6,940	65.7	6,481	5,087	1,355	21.0	3,627	14	3,367	26	580
16 to 19 years	3,960	57.6	3,737	2,850	887	23.7	2,915	12	2,570	14	319
16 to 17 years	1,495	44.6	1,478	1,105	373	25.2	1,858	7	1,736	2	113
18 to 19 years	2,466	73.0	2,259	1,745	514	22.7	1,057	5	834	12	206
20 to 64 years	50,314	89.4	49,019	45,025	3,994	8.1	5,991	130	1,136	847	3,908
20 to 24 years	7,920	85.9	7,371	6,237	1,134	15.4	1,303	6	856	37	404
25 to 54 years	35,932	94.8	35,187	32,658	2,530	7.2	1,972	57	276	425	1,215
25 to 34 years	15,915	95.4	15,426	14,056	1,373	8.9	760	23	229	76	433
35 to 44 years	11,222	95.9	10,996	10,321	674	6.1	475	10	10	132	304
45 to 54 years	8,796	92.3	8,764	8,279	485	5.5	737	24	17	217	478
55 to 64 years	6,461	70.4	6,460	6,130	330	5.1	2,714	37	4	385	2,290
55 to 59 years	3,981	82.0	3,980	3,760	220	5.5	872	22	4	209	637
60 to 64 years	2,480	57.8	2,480	2,371	109	4.4	1,843	14	--	177	1,652
65 years and over	1,618	17.4	1,618	1,579	39	2.4	7,866	159	3	237	7,192
Black and other											
16 years and over	7,500	70.8	7,043	5,846	1,197	17.0	3,090	107	966	287	1,730
16 to 21 years	1,053	50.5	899	592	306	34.1	1,031	14	778	9	230
16 to 19 years	516	37.7	454	289	165	36.4	853	14	690	1	148
16 to 17 years	137	20.8	133	76	57	42.9	521	7	452	--	62
18 to 19 years	379	53.3	321	213	108	33.7	332	7	238	1	86
20 to 64 years	6,828	83.0	6,432	5,417	1,015	15.8	1,399	62	276	206	855
20 to 24 years	1,335	79.7	1,139	794	344	30.2	340	6	155	13	166
25 to 54 years	4,859	87.7	4,661	4,047	614	13.2	679	40	115	113	411
25 to 34 years	2,326	89.1	2,177	1,813	363	16.7	283	15	81	33	159
35 to 44 years	1,501	89.8	1,456	1,277	179	12.3	171	14	24	29	104
45 to 54 years	1,033	82.1	1,028	956	72	7.0	226	11	10	51	153
55 to 64 years	633	62.5	633	577	56	8.9	380	15	6	83	274
55 to 59 years	403	72.5	402	359	43	10.7	153	13	2	41	97
60 to 64 years	231	50.4	231	218	13	5.7	227	3	5	42	178
65 years and over	157	15.8	157	140	17	10.9	839	11	--	60	727

NOTE: Data in this table reflect the introduction of 1980 census population controls.
See article in this issue for additional information.

A-3. Employment status of the noninstitutional population by sex, age, and race—Continued

[Numbers in thousands]

Sex, age, and race	January 1982										
	Total labor force		Civilian labor force				Not in labor force				
					Unemployed						
	Number	Percent of population	Total	Employed	Number	Percent of labor force	Total	Keeping house	Going to school	Unable to work	Other reasons
FEMALES											
16 years and over	46,781	51.7	46,597	42,531	4,066	8.7	43,659	32,291	4,531	947	5,891
16 to 21 years	6,554	53.1	6,484	5,295	1,190	18.3	5,799	1,282	3,817	9	691
16 to 19 years	3,753	46.8	3,724	2,927	797	21.4	4,272	587	3,194	2	489
16 to 17 years	1,402	36.0	1,400	1,121	279	19.9	2,490	136	2,152	--	202
18 to 19 years	2,351	56.9	2,324	1,806	518	22.3	1,783	451	1,042	3	287
20 to 64 years	41,911	62.0	41,756	38,518	3,241	7.8	25,638	21,522	1,335	932	2,349
20 to 24 years	7,355	68.0	7,267	6,374	892	12.3	3,453	2,141	909	15	388
25 to 54 years	29,722	65.9	29,655	27,546	2,111	7.1	15,361	13,665	410	229	1,059
25 to 29 years	7,012	68.6	6,967	6,339	628	9.0	3,217	2,780	179	24	233
30 to 34 years	6,262	66.6	6,247	5,783	464	7.4	3,134	2,840	101	22	170
35 to 39 years	5,146	67.4	5,142	4,799	343	6.7	2,490	2,237	65	28	161
40 to 44 years	4,301	68.9	4,299	4,012	287	6.7	1,946	1,734	30	30	151
45 to 49 years	3,631	64.2	3,630	3,421	209	5.8	2,027	1,829	17	49	132
50 to 54 years	3,371	56.9	3,370	3,191	179	5.3	2,548	2,284	17	75	212
55 to 64 years	4,834	41.5	4,834	4,595	239	4.9	6,824	5,716	17	188	902
55 to 59 years	2,979	49.0	2,979	2,841	137	4.6	3,099	2,661	13	91	334
60 to 64 years	1,855	33.2	1,855	1,753	102	5.5	3,725	3,055	4	97	569
65 years and over	1,117	7.5	1,117	1,089	28	2.5	13,749	10,182	2	513	3,052
65 to 69 years	692	14.2	692	666	26	3.8	4,196	3,301	--	116	778
70 years and over	425	4.3	425	424	2	.4	9,553	6,881	2	397	2,274
White											
16 years and over	40,181	51.5	40,050	36,924	3,126	7.8	37,846	28,596	3,537	759	4,954
16 to 21 years	5,756	56.2	5,707	4,792	916	16.0	4,888	1,010	2,981	6	491
16 to 19 years	3,326	50.2	3,306	2,682	624	18.9	3,304	481	2,479	1	343
16 to 17 years	1,262	39.6	1,261	1,034	227	18.0	1,945	126	1,678	--	142
18 to 19 years	2,064	60.3	2,044	1,648	397	19.4	1,359	355	801	2	201
20 to 64 years	35,859	61.9	35,748	33,268	2,481	6.9	22,078	18,798	1,056	331	1,892
20 to 24 years	6,318	69.9	6,256	5,621	634	10.1	2,726	1,700	729	10	287
25 to 54 years	25,286	65.7	25,237	23,595	1,642	6.5	13,226	11,910	313	170	834
25 to 34 years	11,173	67.5	11,129	10,311	818	7.4	5,388	4,845	208	40	295
35 to 44 years	8,046	67.6	8,041	7,525	516	6.4	3,860	3,492	75	46	247
45 to 54 years	6,067	60.4	6,067	5,759	308	5.1	3,978	3,573	28	83	296
55 to 64 years	4,256	41.0	4,256	4,051	205	4.8	6,126	5,188	15	152	771
55 to 59 years	2,604	48.4	2,604	2,488	116	4.4	2,781	2,421	12	73	275
60 to 64 years	1,652	33.1	1,652	1,563	89	5.4	3,345	2,767	3	78	497
65 years and over	996	7.4	996	974	21	2.1	12,664	9,317	2	426	2,719
Black and other											
16 years and over	6,600	53.2	6,547	5,607	940	14.4	5,813	3,695	994	188	936
16 to 21 years	798	37.8	777	503	274	35.3	1,312	272	836	4	200
16 to 19 years	427	30.6	418	246	173	41.3	968	136	715	--	116
16 to 17 years	139	20.4	139	87	52	37.2	544	11	474	--	59
18 to 19 years	288	40.4	280	158	121	43.4	423	95	241	--	87
20 to 64 years	6,051	63.3	6,007	5,246	760	12.7	3,560	2,723	279	100	457
20 to 24 years	1,037	58.8	1,011	753	258	25.5	727	441	180	5	101
25 to 54 years	4,436	67.5	4,418	3,950	469	10.6	2,136	1,754	97	59	225
25 to 34 years	2,102	68.6	2,085	1,811	274	13.1	963	775	72	7	110
35 to 44 years	1,401	70.9	1,400	1,286	114	8.1	575	478	20	12	65
45 to 54 years	934	61.0	934	853	81	8.7	597	501	6	41	50
55 to 64 years	578	45.3	578	544	34	5.9	697	528	2	37	131
55 to 59 years	375	54.1	375	353	21	5.7	317	240	1	18	59
60 to 64 years	203	34.8	203	190	13	6.2	380	288	1	19	72
65 years and over	122	8.6	122	115	7	5.8	1,285	866	--	87	333

NOTE: Data in this table reflect the introduction of 1980 census population controls.
See article in this issue for additional information.

HOUSEHOLD DATA

A-4. Labor force by sex, age, and race

Sex, age, and race	Total labor force				Civilian labor force			
	Thousands of persons		Participation rates		Thousands of persons		Participation rates	
	Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982
MALES								
16 years and over	63,040	63,392	76.9	76.3	61,085	61,417	76.3	75.8
16 to 19 years	4,846	4,476	57.2	54.3	4,552	4,191	55.7	52.7
16 to 17 years	1,810	1,632	43.5	40.7	1,789	1,612	43.2	40.4
18 to 19 years	3,036	2,844	70.4	67.2	2,763	2,579	68.4	65.0
20 to 24 years	9,240	9,254	85.5	84.9	8,507	8,510	84.4	83.8
25 to 54 years	39,982	40,792	94.1	93.9	39,057	39,847	94.0	93.8
25 to 34 years	17,836	18,240	94.8	94.6	17,214	17,603	94.7	94.4
35 to 44 years	12,218	12,722	95.4	95.2	11,949	12,452	95.3	95.1
45 to 54 years	9,928	9,829	91.3	91.1	9,893	9,793	91.3	91.0
55 to 64 years	7,165	7,095	70.8	69.6	7,164	7,093	70.8	69.6
55 to 59 years	4,389	4,384	80.8	81.1	4,387	4,383	80.8	81.1
60 to 64 years	2,777	2,711	59.2	56.7	2,776	2,711	59.2	56.7
65 years and over	1,806	1,775	17.9	17.3	1,806	1,775	17.9	17.3
White								
16 years and over	55,601	55,892	77.7	77.1	54,093	54,374	77.3	76.6
16 to 19 years	4,239	3,960	60.0	57.6	4,015	3,737	58.7	56.2
16 to 17 years	1,613	1,495	46.7	44.6	1,596	1,478	46.4	44.3
18 to 19 years	2,626	2,466	72.8	70.0	2,419	2,259	71.2	68.1
20 to 24 years	7,967	7,920	87.0	85.9	7,424	7,371	86.2	85.0
25 to 54 years	35,220	35,932	95.0	94.8	34,480	35,187	94.9	94.7
25 to 34 years	15,562	15,915	95.6	95.4	15,077	15,426	95.5	95.3
35 to 44 years	10,775	11,222	96.3	95.9	10,551	10,996	96.2	95.9
45 to 54 years	8,883	8,796	92.5	92.3	8,852	8,764	92.5	92.2
55 to 64 years	6,516	6,461	71.5	70.4	6,514	6,460	71.5	70.4
55 to 59 years	3,993	3,981	81.7	82.0	3,992	3,980	81.7	82.0
60 to 64 years	2,522	2,480	59.7	57.4	2,522	2,480	59.7	57.4
65 years and over	1,660	1,618	18.2	17.4	1,660	1,618	18.2	17.4
Black and other								
16 years and over	7,438	7,500	71.1	70.8	6,992	7,043	69.9	69.5
16 to 19 years	607	516	43.0	37.7	537	454	40.0	34.7
16 to 17 years	197	137	27.8	20.8	193	133	27.4	20.4
18 to 19 years	411	379	58.2	53.3	344	321	53.8	49.1
20 to 24 years	1,273	1,335	77.2	79.7	1,083	1,139	74.2	77.0
25 to 54 years	4,762	4,859	87.7	87.7	4,577	4,661	87.3	87.3
25 to 34 years	2,274	2,326	89.7	89.1	2,138	2,177	89.1	88.5
35 to 44 years	1,443	1,501	88.9	89.8	1,398	1,456	88.6	89.5
45 to 54 years	1,045	1,033	82.4	82.1	1,041	1,028	82.3	82.0
55 to 64 years	649	633	64.6	62.5	649	633	64.6	62.5
55 to 59 years	395	403	72.7	72.5	395	402	72.7	72.5
60 to 64 years	254	231	55.2	50.4	254	231	55.2	50.4
65 years and over	146	157	15.2	15.8	146	157	15.2	15.8

NOTE: 1982 data in this table reflect the introduction of 1980 census population controls into the estimation process, and 1981 data have been revised. See article in this issue for additional information.

A-4. Labor force by sex, age, and race—Continued

Sex, age, and race	Total labor force				Civilian labor force			
	Thousands of persons		Participation rates		Thousands of persons		Participation rates	
	Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982
FEMALES								
16 years and over	45,971	46,781	51.5	51.7	45,800	46,597	51.4	51.6
16 to 19 years	4,019	3,753	48.7	46.8	3,989	3,724	48.5	46.6
16 to 17 years	1,556	1,402	38.5	36.0	1,554	1,400	38.5	36.0
18 to 19 years	2,463	2,351	58.5	56.9	2,434	2,324	58.2	56.6
20 to 24 years	7,430	7,355	69.1	68.0	7,348	7,267	68.9	67.8
25 to 54 years	28,649	29,722	64.9	65.9	28,591	29,655	64.8	65.9
25 to 34 years	12,651	13,274	66.0	67.6	12,598	13,214	65.9	67.5
35 to 44 years	8,825	9,447	66.3	68.0	8,821	9,441	66.3	68.0
45 to 54 years	7,173	7,001	61.5	60.5	7,172	7,001	61.4	60.5
55 to 64 years	4,769	4,834	41.3	41.5	4,768	4,834	41.3	41.5
55 to 59 years	2,955	2,979	48.4	49.0	2,955	2,979	48.4	49.0
60 to 64 years	1,814	1,855	33.2	33.2	1,814	1,855	33.2	33.2
65 years and over	1,104	1,117	7.6	7.5	1,104	1,117	7.6	7.5
White								
16 years and over	39,535	40,181	51.3	51.5	39,411	40,050	51.2	51.4
16 to 19 years	3,561	3,326	51.9	50.2	3,540	3,306	51.7	50.0
16 to 17 years	1,405	1,262	41.8	39.4	1,404	1,261	41.8	39.3
18 to 19 years	2,156	2,064	61.6	60.3	2,136	2,044	61.4	60.1
20 to 24 years	6,421	6,318	71.4	69.9	6,361	6,256	71.3	69.6
25 to 54 years	24,357	25,286	64.6	65.7	24,313	25,237	64.5	65.6
25 to 34 years	10,616	11,173	65.6	67.5	10,577	11,129	65.5	67.4
35 to 44 years	7,507	8,046	65.8	67.6	7,503	8,041	65.8	67.6
45 to 54 years	6,234	6,067	61.5	60.4	6,233	6,067	61.5	60.4
55 to 64 years	4,213	4,256	40.8	41.0	4,213	4,256	40.8	41.0
55 to 59 years	2,614	2,604	48.2	48.4	2,614	2,604	48.2	48.4
60 to 64 years	1,599	1,652	32.7	33.1	1,599	1,652	32.7	33.1
65 years and over	983	996	7.5	7.4	983	996	7.5	7.4
Black and other								
16 years and over	6,435	6,600	52.9	53.2	6,389	6,547	52.7	53.0
16 to 19 years	458	427	33.0	30.6	449	418	32.6	30.2
16 to 17 years	151	139	22.3	20.4	151	139	22.2	20.3
18 to 19 years	306	288	43.3	40.4	298	280	42.6	39.8
20 to 24 years	1,009	1,037	57.2	58.8	986	1,011	56.6	58.2
25 to 54 years	4,293	4,436	66.9	67.5	4,278	4,418	66.8	67.4
25 to 34 years	2,035	2,102	68.5	68.6	2,021	2,085	68.3	68.4
35 to 44 years	1,318	1,401	69.1	70.9	1,317	1,400	69.0	70.9
45 to 54 years	939	934	61.2	61.0	939	934	61.2	61.0
55 to 64 years	555	578	44.6	45.3	555	578	44.6	45.3
55 to 59 years	340	375	49.9	54.1	340	375	49.9	54.1
60 to 64 years	215	203	38.2	34.8	215	203	38.2	34.8
65 years and over	121	122	9.0	8.6	121	122	9.0	8.6

NOTE: 1982 data in this table reflect the introduction of 1980 census population controls into the estimation process, and 1981 data have been revised. See article in this issue for additional information.

HOUSEHOLD DATA

A-5. Employment status of black workers by sex and age

(Numbers in thousands)

Sex and age	January 1982						
	Civilian labor force						Not in labor force
	Total	Employed			Unemployed		
		Total	Agriculture	Nonagricultural industries	Number	Percent of labor force	
TOTAL							
16 years and over	11,024	9,117	157	8,960	1,907	17.3	7,398
16 to 19 years	720	416	6	410	304	42.3	1,586
16 to 17 years	227	126	2	124	102	44.7	910
18 to 19 years	492	290	4	286	203	41.2	636
20 to 24 years	1,803	1,249	12	1,237	554	30.7	874
25 to 54 years	7,250	6,307	104	6,203	943	13.0	2,210
25 to 34 years	3,433	2,866	33	2,833	567	16.5	940
35 to 44 years	2,240	1,993	35	1,958	247	11.0	585
45 to 54 years	1,577	1,448	36	1,412	129	8.2	685
55 to 64 years	1,013	932	25	907	81	8.0	912
55 to 59 years	655	595	22	573	60	9.2	389
60 to 64 years	358	337	3	335	21	5.9	523
65 years and over	238	213	10	203	25	10.4	1,857
Males							
16 years and over	5,625	4,596	145	4,401	1,079	19.2	2,585
16 to 19 years	373	225	4	222	147	39.4	728
16 to 17 years	110	57	2	55	54	49.1	454
18 to 19 years	262	168	2	166	95	36.1	274
20 to 24 years	960	641	12	629	319	33.2	252
25 to 54 years	3,656	3,112	96	3,017	543	14.9	554
25 to 34 years	1,733	1,402	28	1,374	332	19.2	219
35 to 44 years	1,115	964	35	929	151	13.5	139
45 to 54 years	807	747	33	714	60	7.4	196
55 to 64 years	511	460	25	435	51	10.0	335
55 to 59 years	324	285	22	263	40	12.3	135
60 to 64 years	187	175	3	173	12	6.4	201
65 years and over	125	107	8	100	18	14.4	717
Females							
16 years and over	5,399	4,571	12	4,559	828	15.3	4,813
16 to 19 years	347	191	2	188	157	45.1	858
16 to 17 years	117	69	--	69	48	41.2	456
18 to 19 years	230	122	2	120	108	47.1	362
20 to 24 years	843	608	--	608	235	27.9	622
25 to 54 years	3,594	3,195	8	3,186	400	11.1	1,656
25 to 34 years	1,700	1,464	5	1,459	235	13.9	721
35 to 44 years	1,125	1,029	--	1,029	96	8.5	446
45 to 54 years	770	701	3	698	69	9.0	489
55 to 64 years	502	472	--	472	30	5.9	577
55 to 59 years	331	310	--	310	20	6.2	289
60 to 64 years	171	162	--	162	9	5.4	327
65 years and over	113	106	2	103	7	6.1	1,140

NOTE: Data in this table reflect the introduction of 1980 census population controls.
See article in this issue for additional information.

A 6 Employment status of the noninstitutional population by race, sex, and age

(Numbers in thousands)

Employment status and race	Total		Males, 20 years and over		Females, 20 years and over		Both sexes, 16-19 years	
	Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982
TOTAL								
Total noninstitutional population	171,229	173,455	73,511	74,310	80,891	82,115	16,721	16,969
Total labor force	109,010	110,179	58,193	58,916	41,952	43,029	8,865	8,234
Percent of population	63.7	63.5	79.2	79.3	51.9	52.4	53.0	48.5
Civilian labor force	106,885	108,014	56,533	57,226	41,811	42,873	8,541	7,915
Employed	98,139	97,933	52,467	52,162	38,862	39,583	6,811	6,188
Agriculture	2,708	2,483	2,190	2,161	472	446	297	231
Nonagricultural industries	95,232	94,948	50,278	49,998	38,390	39,135	6,514	5,957
Unemployed	8,746	10,183	4,066	5,065	2,950	3,289	1,730	1,949
Percent of labor force	8.2	9.4	7.2	8.9	7.1	7.7	20.3	23.4
Not in labor force	62,218	63,321	15,317	15,394	39,045	39,187	7,856	8,040
White								
Total noninstitutional population	148,609	150,492	64,455	65,588	70,218	71,383	13,922	13,506
Total labor force	95,137	96,074	51,362	51,932	35,974	36,855	7,800	7,287
Percent of population	64.0	63.8	79.7	79.2	51.2	51.6	56.0	53.9
Civilian labor force	93,504	94,434	50,338	50,637	35,833	36,744	7,333	7,042
Employed	86,535	86,378	46,760	46,604	33,586	34,242	6,189	5,532
Agriculture	2,656	2,455	1,975	1,967	446	465	237	223
Nonagricultural industries	83,879	83,723	44,784	44,638	33,144	33,776	5,951	5,308
Unemployed	6,969	8,046	3,579	4,033	2,247	2,502	1,144	1,511
Percent of labor force	7.5	8.5	6.6	8.0	6.4	6.8	16.1	21.5
Not in labor force	53,472	54,418	13,136	13,657	34,244	34,528	6,122	6,220
Black and other								
Total noninstitutional population	22,620	23,003	9,042	9,222	10,778	11,018	2,800	2,763
Total labor force	13,874	14,100	6,831	6,985	5,976	6,173	1,065	943
Percent of population	61.3	61.3	75.5	75.7	55.5	56.0	38.0	34.1
Civilian labor force	13,381	13,591	6,455	6,589	5,940	6,129	986	872
Employed	11,604	11,553	5,708	5,557	5,277	5,341	619	534
Agriculture	251	228	204	197	27	24	20	7
Nonagricultural industries	11,352	11,325	5,503	5,361	5,249	5,317	601	527
Unemployed	1,777	2,138	747	1,032	667	787	367	338
Percent of labor force	13.3	15.7	11.6	15.7	11.2	12.5	36.8	38.6
Not in labor force	8,746	8,903	2,211	2,237	4,801	4,845	1,734	1,820

NOTE: 1982 data in this table reflect the introduction of 1980 census population controls into the estimation process, and 1981 data have been revised. See article in this issue for additional information.

HOUSEHOLD DATA

A-7. Employment status of the noninstitutional population 16 to 21 years of age by major activity, sex, and race

(Numbers in thousands)

Employment status and major activity	January 1982								
	Total			White			Black and other		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
TOTAL									
Total noninstitutional population	25,009	12,651	12,353	20,810	10,566	10,244	4,194	2,084	2,110
Total labor force	14,547	7,993	6,554	12,696	6,940	5,756	1,851	1,053	798
Percent of population	58.2	63.2	53.1	61.0	65.7	56.2	44.1	50.5	37.8
Civilian labor force	13,824	7,340	6,484	12,149	6,441	5,707	1,676	899	777
Employed	10,974	5,679	5,295	9,879	5,087	4,792	1,095	592	503
Agriculture	358	303	55	339	286	52	19	17	2
Nonagricultural industries	10,616	5,376	5,240	9,540	4,800	4,739	1,076	576	501
Unemployed	2,851	1,661	1,190	2,270	1,355	916	580	306	274
Looking for full-time work	1,819	1,108	712	1,432	891	541	388	217	171
Looking for part-time work	1,031	553	478	839	464	375	193	89	103
Percent of labor force	20.6	22.6	18.3	18.7	21.0	16.0	34.6	34.1	35.3
Not in labor force	10,457	4,658	5,799	8,114	3,627	4,488	2,343	1,031	1,312
Major activity: going to school									
Civilian labor force	3,953	2,000	1,953	3,560	1,828	1,733	393	173	220
Employed	3,077	1,522	1,555	2,844	1,415	1,429	232	107	126
Agriculture	108	93	15	107	92	15	1	1	--
Nonagricultural industries	2,968	1,429	1,539	2,737	1,323	1,414	231	106	126
Unemployed	876	479	398	716	413	304	160	66	94
Looking for full-time work	95	35	60	68	30	38	27	5	22
Looking for part-time work	782	444	338	648	383	265	133	61	72
Percent of labor force	22.2	23.9	20.4	20.1	22.6	17.5	40.8	38.1	42.9
Not in labor force	7,682	3,865	3,817	6,368	3,087	2,981	1,615	778	836
Major activity: other									
Civilian labor force	9,871	5,339	4,532	8,588	4,614	3,975	1,283	726	557
Employed	7,897	4,157	3,740	7,034	3,672	3,363	863	485	377
Agriculture	249	210	39	231	195	37	18	15	2
Nonagricultural industries	7,648	3,947	3,701	6,803	3,477	3,326	845	470	375
Unemployed	1,974	1,182	792	1,554	942	612	420	240	180
Looking for full-time work	1,725	1,073	652	1,364	861	503	361	212	149
Looking for part-time work	250	109	140	190	81	110	59	28	31
Percent of labor force	20.0	22.1	17.5	18.1	20.4	15.4	32.8	33.1	32.3
Not in labor force	2,775	793	1,982	2,047	540	1,507	728	253	475

NOTE: Data in this table reflect the introduction of 1980 census population controls.
See article in this issue for additional information.

A-8. Full- and part-time status of the civilian labor force by sex, age, and race

(Numbers in thousands)

Sex, age, and race	January 1982								
	Full-time labor force					Part-time labor force			
	Total	Employed		Unemployed (looking for full-time work)		Total	Employed on voluntary part time[1]	Unemployed (looking for part-time work)	
		Full-time schedules[1]	Part time for economic reasons	Number	Percent of full-time labor force			Number	Percent of part-time labor force
TOTAL									
Both sexes, 16 years and over	91,730	78,236	5,057	8,437	9.2	16,284	14,538	1,744	10.7
16 to 21 years	8,167	5,363	585	1,819	22.3	5,653	4,626	1,031	18.2
16 to 19 years	3,563	2,044	530	989	27.8	4,352	3,492	865	19.9
16 to 17 years	500	227	99	175	35.0	2,511	1,977	534	21.3
18 to 19 years	3,062	1,817	431	814	26.6	1,841	1,515	326	17.7
20 years and over	83,168	76,193	4,527	7,648	8.4	11,931	11,086	886	7.4
20 to 24 years	13,329	10,250	991	2,088	15.7	2,887	2,165	281	11.5
25 years and over	74,839	65,942	3,536	5,560	7.2	9,044	8,881	604	6.4
25 to 54 years	62,887	55,181	2,928	4,783	7.6	6,616	6,144	472	7.1
55 years and over	11,952	10,761	612	777	6.8	2,868	2,736	132	4.6
Males, 16 years and over	56,109	48,439	2,305	5,364	9.6	5,308	4,556	753	14.2
16 to 21 years	4,597	3,008	481	1,108	24.1	2,763	2,190	573	20.7
16 to 19 years	2,009	1,174	258	577	28.7	2,182	1,707	475	21.8
20 years and over	54,100	47,265	2,047	4,787	8.8	3,127	2,849	278	8.9
20 to 24 years	7,494	5,704	886	1,344	17.9	1,016	881	135	13.3
25 years and over	46,605	41,561	1,601	3,443	7.4	2,111	1,968	144	6.8
25 to 54 years	38,895	34,541	1,303	3,051	7.8	952	861	92	9.7
55 years and over	7,710	7,020	299	392	5.1	1,158	1,107	51	4.4
Females, 16 years and over	35,621	29,797	2,751	3,073	8.6	10,975	9,982	993	9.0
16 to 21 years	3,570	2,354	504	712	19.9	2,914	2,436	479	16.4
16 to 19 years	1,553	870	272	412	26.5	2,171	1,785	385	17.7
20 years and over	30,068	28,927	2,480	2,661	7.8	8,805	8,197	609	6.9
20 to 24 years	5,835	4,546	545	745	12.8	1,431	1,286	148	10.3
25 years and over	28,232	24,382	1,935	1,917	6.8	7,374	6,914	460	6.2
25 to 54 years	23,992	20,640	1,621	1,730	7.2	5,653	5,284	370	6.5
55 years and over	4,240	3,742	313	186	4.4	1,720	1,630	91	4.7
White									
Males, 16 years and over	49,610	43,356	1,971	4,282	8.6	4,768	4,127	641	13.4
16 to 21 years	3,567	2,677	400	891	22.5	2,474	2,010	464	18.7
16 to 19 years	1,757	1,057	215	485	27.6	1,990	1,578	412	20.7
20 years and over	47,853	42,300	1,256	3,797	7.9	2,294	2,049	245	10.4
20 to 24 years	6,868	5,079	366	1,022	15.8	904	772	132	12.4
25 years and over	41,386	37,221	1,389	2,775	6.7	1,391	1,276	114	8.2
25 to 54 years	34,366	30,792	1,128	2,450	7.1	921	842	79	8.6
55 years and over	7,020	6,429	265	325	4.6	1,359	1,314	44	3.2
Females, 16 years and over	30,055	25,481	2,287	2,288	7.6	9,995	9,156	839	8.4
16 to 21 years	3,114	2,122	452	541	17.4	2,583	2,219	375	14.5
16 to 19 years	1,362	789	252	321	23.6	1,994	1,691	303	15.2
20 years and over	26,693	24,692	2,035	1,966	6.9	6,051	7,535	536	6.7
20 to 24 years	4,978	4,011	450	517	10.4	1,279	1,160	119	9.2
25 years and over	23,716	20,682	1,585	1,450	6.1	6,773	6,354	419	6.2
25 to 54 years	19,969	17,350	1,325	1,295	6.5	5,268	4,921	347	6.6
55 years and over	3,747	3,332	259	155	4.1	1,505	1,434	71	4.7
Black and other									
Males, 16 years and over	6,499	5,083	334	1,082	16.6	540	429	110	21.2
16 to 21 years	630	332	81	217	34.4	268	179	89	33.2
16 to 19 years	252	117	43	92	36.6	202	129	73	36.2
20 years and over	6,287	4,966	291	990	15.8	341	300	41	12.0
20 to 24 years	1,026	626	80	321	31.3	112	89	23	20.6
25 years and over	5,221	4,340	212	669	12.8	230	212	19	8.2
25 to 54 years	4,530	3,749	179	602	13.3	131	119	11	8.6
55 years and over	692	591	33	67	9.7	99	92	7	7.1
Females, 16 years and over	5,566	4,317	469	785	14.1	581	426	155	26.8
16 to 21 years	456	233	52	171	37.5	321	219	103	32.2
16 to 19 years	192	81	20	91	47.2	227	148	80	35.3
20 years and over	5,375	4,235	444	695	12.9	754	682	71	9.6
20 to 24 years	857	535	94	228	26.6	154	128	26	16.9
25 years and over	4,518	3,700	350	467	10.3	600	554	45	7.6
25 to 54 years	4,024	3,290	297	437	10.9	394	362	33	8.3
55 years and over	494	410	53	31	6.3	206	196	10	4.9

1. Employed persons with a job but not at work are distributed proportionately among the full- and part-time employed categories.

NOTE: Data in this table reflect the introduction of 1980 census population controls. See article in this issue for additional information.

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A-9. Employment status of the noninstitutional population by family relationship

(Numbers in thousands)

Family relationship	January 1982									
	Civilian labor force					Not in labor force				
	Total	Percent of population	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
				Number	Percent of labor force					
Total, 16 years and over	108,034	63.0	97,931	10,103	9.4	63,321	32,664	9,206	2,412	19,039
Husbands	39,391	79.8	36,953	2,438	6.2	9,887	97	191	862	8,737
With employed wife	21,523	81.9	20,336	1,187	5.5	1,906	38	86	274	1,507
With unemployed wife	1,338	93.1	1,060	278	18.1	113	–	10	29	74
With wife not in labor force	16,331	67.5	15,557	973	6.0	7,868	59	95	559	7,155
Wives	27,679	50.9	25,428	1,601	6.6	24,199	21,722	316	283	1,878
With employed husband	21,523	49.4	20,336	1,060	5.8	15,357	14,276	255	96	733
With unemployed husband	1,338	60.1	1,060	278	19.0	973	902	21	9	40
With husband not in labor force	2,109	20.4	1,905	113	5.6	7,868	6,544	42	178	1,104
Relatives in married-couple families	13,221	59.4	12,074	2,147	28.0	8,888	875	5,905	233	1,875
16 to 19 years	5,340	49.8	4,246	1,094	20.5	5,392	133	4,643	12	604
20 to 24 years	5,006	74.0	4,162	844	16.9	1,757	161	1,162	33	400
25 years and over	2,873	60.6	2,265	609	15.3	1,739	581	100	188	871
Females who maintain families	3,693	60.2	3,082	611	10.7	3,768	2,980	92	120	575
Relatives in families maintained by females	4,526	53.7	3,417	1,110	24.5	3,906	860	1,685	229	1,131
16 to 19 years	1,233	41.4	813	420	34.1	1,749	111	1,369	*	265
20 to 24 years	1,479	68.9	1,074	405	27.4	666	138	273	21	233
25 years and over	1,814	64.9	1,530	285	15.7	1,491	611	43	204	633
Males who maintain families	1,804	74.9	1,617	187	10.4	604	50	39	58	457
Relatives in families maintained by males	1,460	58.6	1,183	277	18.9	1,032	413	263	48	308
16 to 19 years	334	58.0	231	103	30.9	242	7	192	*	44
20 to 24 years	439	73.7	358	81	18.5	141	31	63	*	47
25 years and over	687	71.5	594	93	13.5	649	375	8	48	217
Persons living alone	10,450	33.3	9,665	785	7.5	9,167	3,054	217	475	3,421
Males	4,502	30.9	4,161	340	9.4	2,233	134	127	224	1,748
Females	5,948	35.2	5,504	444	7.5	6,934	4,920	90	251	1,673
All others[1]	5,584	71.9	4,923	661	11.8	1,870	643	445	104	677

[1] The majority of these persons are living with nonrelatives. Also included are persons in married-couple families where the husband is in the Armed Forces, persons in secondary families, and some whose family status is unknown.

NOTE: Data in this table reflect the introduction of 1980 census population controls. See article in this issue for additional information.

A-10. Unemployed persons by marital status, race, age, and sex

Marital status, race, and age	Males				Females			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982
Total, 16 years and over	5,092	6,117	8.3	10.0	3,654	4,066	8.0	8.7
Married, spouse present	2,080	2,558	5.0	6.3	1,666	1,719	6.5	6.7
Widowed, divorced, or separated	543	709	10.4	12.7	727	849	9.2	9.1
Single (never married)	2,509	2,854	16.4	18.5	1,261	1,509	11.0	12.7
White, 16 years and over	4,121	4,919	7.6	9.0	2,848	3,126	7.2	7.8
Married, spouse present	1,758	2,169	4.8	5.9	1,447	1,481	6.8	6.9
Widowed, divorced, or separated	431	538	10.1	11.7	537	633	7.6	8.4
Single (never married)	1,932	2,217	14.8	16.8	864	1,032	9.0	10.5
Black and other, 16 years and over	971	1,197	13.9	17.0	806	940	12.6	14.4
Married, spouse present	282	385	7.4	10.3	218	253	8.0	9.2
Widowed, divorced, or separated	112	175	11.6	17.3	191	211	10.9	11.7
Single (never married)	577	637	26.2	28.0	397	477	20.9	24.0
Total, 20 to 64 years of age	4,004	5,008	7.3	9.0	2,912	3,241	7.2	7.8
Married, spouse present	1,978	2,493	5.1	6.4	1,553	1,627	6.3	6.6
Widowed, divorced, or separated	529	689	10.7	12.9	683	798	8.3	9.2
Single (never married)	1,497	1,826	13.8	16.0	677	819	8.6	9.8
White, 20 to 64 years of age	3,268	3,998	6.7	8.1	2,248	2,481	6.4	6.9
Married, spouse present	1,709	2,115	4.9	6.0	1,345	1,379	6.1	6.3
Widowed, divorced, or separated	422	528	10.5	12.0	496	590	7.6	8.5
Single (never married)	1,137	1,355	12.4	14.2	408	511	6.4	7.5
Black and other, 20 to 64 years of age	736	1,015	11.7	15.8	663	760	11.4	12.7
Married, spouse present	269	379	7.2	10.4	207	249	7.7	9.2
Widowed, divorced, or separated	107	165	11.8	17.4	187	208	11.2	11.8
Single (never married)	360	471	21.4	25.9	268	308	18.2	19.5

NOTE: 1982 data in this table reflect the introduction of 1980 census population controls into the estimation process, and 1981 data have been revised. See article in this issue for additional information.

A-11. Unemployed persons by occupation and sex

Occupation	Thousands of persons		Unemployment rates					
			Total		Males		Females	
	Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982
Total, 16 years and over	8,746	10,193	8.2	9.4	8.1	10.0	8.0	8.7
White collar workers	2,297	2,501	4.2	4.5	3.2	3.6	5.0	5.4
Professional and technical	466	491	2.8	2.8	2.3	2.4	3.1	3.2
Managers and administrators, except farm	327	381	2.8	3.0	2.6	2.7	3.7	3.9
Sales workers	353	379	5.3	5.6	4.6	4.2	6.1	7.1
Clerical workers	1,151	1,249	5.9	6.6	5.0	7.1	5.9	6.8
Blue-collar workers	4,161	5,068	12.1	14.8	11.6	14.5	14.5	15.9
Craft and kindred workers	1,148	1,479	8.5	10.9	8.5	11.1	9.0	8.6
Carpenters and other construction craft workers	596	783	14.3	19.4	14.2	19.6	(1)	(1)
All other	548	691	5.9	7.3	5.8	7.2	7.5	8.3
Operatives, except transport	1,654	2,026	13.7	17.1	12.4	16.0	15.6	17.5
Transport equipment operatives	420	478	11.1	12.5	11.3	12.9	9.0	8.3
Nonfarm laborers	943	1,087	18.8	21.3	19.3	21.6	15.1	19.5
Construction laborers	284	340	29.9	37.9	29.7	38.1	(1)	(1)
All other	659	747	16.3	17.8	16.6	17.6	14.3	19.3
Service workers	1,246	1,475	8.8	9.9	9.0	10.9	8.6	9.3
Private household	44	47	4.2	4.2	(1)	(1)	4.4	4.2
All other	1,202	1,428	9.1	10.4	9.1	10.8	9.2	10.0
Farm workers	154	218	6.1	8.3	5.5	7.9	9.4	11.3
No previous work experience	889	925	--	--	--	--	--	--
16 to 19 years	626	639	--	--	--	--	--	--
20 to 24 years	163	176	--	--	--	--	--	--
25 years and over	99	110	--	--	--	--	--	--

[1] Percent not shown where base is less than 75,000.

NOTE: 1982 data in this table reflect the introduction of 1980 census population controls into the estimation process, and 1981 data have been revised. See article in this issue for additional information.

A-12. Unemployed persons by industry and sex

Industry	Percent distribution		Unemployment rates					
			Total		Males		Females	
	Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982
Total, 16 years and over	100.0	100.0	8.2	9.4	8.1	10.0	8.0	8.7
Nonagricultural private wage and salary workers	77.1	78.2	8.6	9.9	8.9	10.8	8.2	8.8
Mining	1.0	1.1	8.2	9.8	9.0	10.7	3.0	4.6
Construction	10.8	12.3	18.9	24.9	19.8	25.9	12.8	15.5
Manufacturing	24.5	25.5	9.3	11.4	8.1	10.6	11.7	13.1
Durable goods	14.6	16.1	9.2	12.0	8.8	11.5	11.5	13.5
Lumber and wood products	1.0	1.8	13.3	21.7	13.8	20.5	11.0	30.1
Furniture and fixtures	.5	.6	7.6	12.5	8.0	12.2	6.7	13.1
Stone, clay, and glass products	.7	1.0	9.6	15.1	8.2	14.1	14.5	18.1
Primary metal industries	1.5	1.8	10.4	11.8	9.8	11.7	17.1	12.1
Fabricated metal products	1.9	2.3	10.2	14.4	8.8	13.6	15.3	16.8
Machinery, except electrical equipment	2.1	2.3	6.3	8.3	5.8	8.0	8.1	9.0
Electrical equipment	2.0	1.9	7.0	7.9	5.1	6.7	9.3	9.5
Transportation equipment	3.4	3.9	13.5	17.3	12.6	17.1	17.0	18.3
Automobiles	2.4	2.8	18.3	25.6	16.9	24.3	26.0	31.8
Other transportation equipment	1.0	1.0	8.1	8.9	7.9	9.5	8.7	6.6
Instruments and related products	.4	.6	5.5	8.9	3.2	1.9	8.8	15.4
Other durable goods industries	1.1	.8	11.5	10.9	9.1	6.1	14.9	18.5
Nondurable goods	9.9	9.8	9.4	10.5	7.6	8.8	11.9	12.7
Food and kindred products	2.3	2.5	10.8	13.7	9.0	11.1	14.7	20.4
Textile mill products	1.0	.8	10.2	9.6	10.5	10.6	9.9	8.8
Apparel and other textile products	2.4	2.0	14.6	15.0	13.0	12.8	15.0	15.6
Paper and allied products	.6	.6	7.3	8.0	6.3	5.8	10.2	15.6
Printing and publishing	.9	1.0	4.9	6.5	4.6	5.4	5.8	7.7
Chemicals and allied products	.6	.8	4.0	3.3	3.9	6.7	4.5	5.3
Rubber and plastics products	1.3	1.1	15.3	18.8	11.6	12.8	20.7	18.5
Other nondurable goods industries	.7	.6	10.6	9.6	9.0	9.3	12.9	10.2
Transportation and public utilities	9.4	9.5	6.8	7.8	7.8	8.5	5.0	6.0
Railroads and railway express	.6	.7	8.7	12.7	8.8	12.6	(1)	(1)
Other transportation	3.2	3.0	10.5	11.1	11.0	12.3	9.3	6.6
Communication and other public utilities	.6	.8	2.3	3.3	2.1	2.2	2.6	5.3
Wholesale and retail trade	19.3	19.2	8.6	9.8	8.0	9.1	9.4	10.5
Finance, insurance, and real estate	2.7	2.5	4.1	4.2	3.9	4.5	8.5	4.1
Service industries	14.4	13.1	6.8	6.9	7.6	7.8	6.3	6.4
Professional services	5.3	5.3	4.2	4.7	4.0	3.6	4.3	5.2
All other service industries	9.1	7.8	10.6	10.2	11.1	11.7	10.2	8.8
Agricultural wage and salary workers	2.5	2.9	15.0	20.8	18.1	21.0	18.1	20.2
All other classes of workers	10.3	9.9	3.5	3.9	3.3	3.8	3.7	4.1
No previous work experience	10.2	9.1	--	--	--	--	--	--

[1] Percent not shown where base is less than 75,000.

NOTE: 1982 data in this table reflect the introduction of 1980 census population controls into the estimation process, and 1981 data have been revised. See article in this issue for additional information.

HOUSEHOLD DATA

A-13. Unemployed persons by reason for unemployment, sex, age, and race

Reason for unemployment	Total unemployed		Males, 20 years and over		Females, 20 years and over		Both sexes 16 to 19 years		White		Black and other	
	Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982
NUMBER OF UNEMPLOYED												
Total unemployed, in thousands	8,746	10,183	4,066	5,065	2,950	3,269	1,730	1,849	6,969	8,046	1,777	2,138
Job losers	4,601	6,256	2,909	3,967	1,440	1,686	452	603	3,939	5,022	662	1,234
On layoff	1,824	2,574	1,140	1,698	533	667	151	209	1,606	2,179	218	395
Other job losers	2,777	3,682	1,769	2,269	907	1,019	301	394	2,333	2,843	444	839
Job leavers	951	860	416	354	360	355	175	151	779	727	172	133
Reentrants	2,107	2,141	638	641	994	1,045	479	455	1,652	1,627	455	515
New entrants	886	926	106	103	156	183	625	640	599	673	287	256
PERCENT DISTRIBUTION												
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers	54.9	61.5	71.5	78.3	48.8	51.6	26.1	32.6	56.5	62.4	48.5	57.8
On layoff	20.9	25.3	28.0	33.5	18.1	20.4	8.7	11.3	23.0	27.1	12.3	18.5
Other job losers	34.0	36.2	43.5	44.8	30.7	31.2	17.4	21.3	33.5	35.3	36.2	39.3
Job leavers	10.9	8.4	10.2	7.0	12.2	10.9	10.1	8.2	11.2	9.0	9.7	6.2
Reentrants	24.1	21.0	15.6	12.7	33.7	32.0	27.7	24.6	23.7	20.2	25.6	24.1
New entrants	10.1	9.1	2.6	2.0	5.3	5.6	36.1	34.6	8.6	8.3	16.2	12.0
UNEMPLOYMENT RATE												
Total unemployment rate	8.2	9.4	7.2	8.9	7.1	7.6	20.3	23.4	7.5	8.5	13.1	15.7
Job loser rate[1]	4.5	5.8	5.1	7.0	3.5	4.0	5.3	7.6	4.2	5.3	6.4	9.1
Job leaver rate[1]	.9	.8	.7	.6	.9	.8	2.0	1.9	.8	.8	1.7	1.0
Reentrant rate[1]	2.0	2.0	1.1	1.1	2.4	2.4	5.6	5.8	1.8	1.7	3.4	3.8
New entrant rate[1]	.8	.9	.2	.2	.4	.4	7.3	8.1	.6	.7	2.1	1.9

[1] Unemployment rates are calculated as a percent of the civilian labor force.

NOTE: 1982 data in this table reflect the introduction of 1980 census population controls into the estimation process, and 1981 data have been revised. See article in this issue for additional information.

A-14. Unemployed persons by reason for unemployment, sex, age, and duration of unemployment

(Percent distribution)

Reason, sex, and age	January 1982						
	Total unemployed		Duration of unemployment				
					15 weeks and over		
	Thousands of persons	Percent	Less than 5 weeks	5 to 14 weeks	Total	15 to 26 weeks	27 weeks and over
Total, 16 years and over	10,183	100.0	42.8	31.8	25.3	13.5	11.8
Job losers	6,256	100.0	38.3	35.9	25.9	13.5	12.4
On layoff	2,574	100.0	47.8	39.4	12.8	8.2	4.6
Other job losers	3,682	100.0	31.6	33.4	35.0	17.1	17.9
Job leavers	860	100.0	47.0	27.5	25.5	14.7	10.8
Reentrants	2,141	100.0	52.7	25.2	22.1	13.0	9.2
New entrants	926	100.0	46.9	24.2	28.9	13.8	15.1
Males, 20 years and over	5,065	100.0	37.1	35.4	27.5	14.3	13.2
Job losers	3,967	100.0	35.3	38.1	26.7	13.7	13.0
On layoff	1,698	100.0	45.2	41.7	13.1	8.5	4.6
Other job losers	2,269	100.0	27.8	35.3	36.9	17.6	19.2
Reentrants	354	100.0	43.0	28.7	28.3	16.4	11.9
New entrants	641	100.0	46.7	23.9	29.4	15.7	13.7
Females, 20 years and over	103	100.0	26.7	29.6	43.7	19.7	24.0
Job losers	3,269	100.0	48.1	28.3	23.6	12.9	10.7
On layoff	1,686	100.0	41.9	30.9	27.2	14.1	13.1
Other job losers	667	100.0	51.2	34.6	14.2	8.8	5.4
Job leavers	1,019	100.0	35.8	28.5	35.7	17.5	18.2
Reentrants	355	100.0	48.9	25.3	25.7	15.7	10.1
New entrants	1,045	100.0	57.2	25.1	17.8	10.1	7.6
Both sexes, 16 to 19 years	183	100.0	52.5	28.0	19.5	12.4	7.1
Job losers	1,849	100.0	49.2	28.3	22.4	12.4	10.1
On layoff	603	100.0	48.0	35.2	16.8	10.0	6.8
Other job losers	209	100.0	58.8	35.2	6.0	4.4	1.7
Job leavers	394	100.0	42.3	35.2	22.5	12.9	9.6
Reentrants	151	100.0	51.9	29.9	18.2	8.5	9.7
New entrants	455	100.0	59.9	27.3	21.8	15.5	6.3
	640	100.0	48.5	22.3	29.2	13.3	15.9

NOTE: Data in this table reflect the introduction of 1980 census population controls. See article in this issue for additional information.

A-15. Unemployed jobseekers by sex, age, race, and jobsearch methods used

Sex, age, and race	January 1982								
	Thousands of persons		Methods used as a percent of total jobseekers						Average number of methods used
	Total unemployed	Total jobseekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives	Other	
Total, 16 years and over	10,183	7,531	25.9	6.0	72.9	34.2	15.6	5.7	1.60
16 to 19 years	1,849	1,629	18.0	2.3	80.8	28.7	14.1	2.8	1.47
20 to 24 years	2,371	1,812	28.7	5.2	73.2	32.6	14.8	5.6	1.60
25 to 34 years	2,826	1,961	30.4	8.9	71.3	39.5	15.2	5.5	1.71
35 to 44 years	1,482	1,030	28.5	7.3	70.2	36.8	18.2	7.1	1.68
45 to 54 years	946	627	26.5	8.9	69.9	34.0	18.2	8.9	1.66
55 to 64 years	625	415	17.3	4.1	60.0	33.7	16.1	11.8	1.43
65 years and over	85	57	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Males, 16 years and over	6,117	4,233	29.4	5.5	74.7	31.8	17.2	7.1	1.66
16 to 19 years	1,052	904	21.6	2.1	81.6	28.0	15.7	2.7	1.52
20 to 24 years	1,479	1,060	30.5	4.1	75.6	30.2	17.0	5.7	1.63
25 to 34 years	1,733	1,119	35.3	9.7	71.8	38.2	17.1	7.5	1.80
35 to 44 years	852	531	35.6	6.6	70.6	33.9	18.1	9.8	1.73
45 to 54 years	557	338	29.6	6.2	75.4	30.2	21.9	12.1	1.75
55 to 64 years	386	245	16.3	2.4	68.5	27.9	18.7	16.3	1.42
65 years and over	57	41	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Females, 16 years and over	4,066	3,298	21.4	6.7	73.7	37.4	13.6	4.0	1.54
16 to 19 years	797	725	13.5	2.3	79.9	29.7	12.0	3.0	1.40
20 to 24 years	892	752	26.3	6.8	69.8	36.0	11.7	5.5	1.56
25 to 34 years	1,092	842	24.1	7.8	70.7	41.3	12.6	2.7	1.59
35 to 44 years	630	498	21.1	6.0	69.9	41.2	18.1	4.6	1.63
45 to 54 years	389	290	22.8	12.1	63.1	38.3	18.1	5.2	1.56
55 to 64 years	239	169	18.9	7.1	53.8	43.2	18.9	5.3	1.47
65 years and over	28	16	(1)	(1)	(1)	(1)	(1)	(1)	(1)
White, 16 years and over	8,046	5,807	24.3	6.1	73.3	36.6	16.1	5.8	1.62
Males	4,919	3,302	27.7	5.6	74.8	34.0	17.7	7.5	1.67
Females	3,126	2,504	19.7	6.9	71.2	40.1	14.0	3.4	1.55
Black and other, 16 years and over	2,138	1,724	31.4	5.7	71.9	26.3	19.2	6.9	1.55
Males	1,197	931	35.2	5.3	74.1	24.1	15.8	5.6	1.60
Females	940	794	26.8	6.0	69.1	28.8	12.2	5.8	1.49

(1) Percent not shown where base is less than 75,000.

NOTE: The jobseekers total is less than the total unemployed because persons on layoff or waiting to begin a new wage and salary job within 30 days are not actually seeking jobs. It should also be noted that the percents using each method will always total more than 100 because many jobseekers use more than one method.

NOTE: Data in this table reflect the introduction of 1980 census population controls. See article in this issue for additional information.

A-16. Unemployed jobseekers by sex, reason for unemployment, and jobsearch methods used

Sex and reason	January 1982								
	Thousands of persons		Methods used as a percent of total jobseekers						Average number of methods used
	Total unemployed	Total jobseekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives	Other	
Total, 16 years and over	10,183	7,531	25.9	6.0	72.9	34.2	15.6	5.7	1.60
Job losers	6,256	3,682	31.2	6.7	73.7	35.4	17.9	6.7	1.72
Job leavers	860	878	24.8	8.7	73.1	37.6	17.3	3.4	1.65
Reentrants	2,141	2,049	20.2	5.0	69.2	34.0	12.5	6.2	1.47
New entrants	926	921	18.5	3.3	78.2	27.1	11.9	1.3	1.42
Males, 16 years and over	6,117	4,233	29.4	5.5	74.7	31.8	17.2	7.1	1.66
Job losers	4,367	2,525	32.5	5.7	74.5	32.9	18.5	8.0	1.72
Job leavers	432	441	29.0	9.1	76.9	35.6	18.6	3.9	1.73
Reentrants	899	850	29.4	4.2	70.4	29.2	15.2	8.2	1.52
New entrants	419	417	20.9	3.1	81.8	26.6	12.7	2.6	1.48
Females, 16 years and over	4,066	3,298	21.4	6.7	70.7	37.4	13.6	4.0	1.54
Job losers	1,889	1,157	28.8	8.8	71.8	40.9	16.7	3.6	1.70
Job leavers	428	437	20.4	8.2	69.3	39.6	15.8	3.0	1.56
Reentrants	1,242	1,200	17.1	5.4	68.4	37.2	10.5	4.9	1.44
New entrants	507	505	16.4	3.4	74.9	27.5	11.5	1.6	1.37

NOTE: See note, table A-15.

NOTE: Data in this table reflect the introduction of 1980 census population controls. See article in this issue for additional information.

HOUSEHOLD DATA

A-17. Unemployed persons by duration of unemployment

Duration of unemployment	Total				Full-time workers			
	Thousands of persons		Percent distribution		Thousands of persons		Percent distribution	
	Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982
Total, 16 years and over	8,746	10,183	100.0	100.0	7,106	8,437	100.0	100.0
Less than 5 weeks	3,710	4,361	42.4	42.8	2,672	3,306	37.6	39.2
5 to 14 weeks	2,467	3,243	28.2	31.8	2,103	2,839	29.6	33.6
5 to 10 weeks	1,765	2,313	20.2	22.7	1,498	1,993	21.1	23.6
11 to 14 weeks	702	930	8.0	9.1	604	846	8.5	10.0
15 weeks and over	2,569	2,579	29.4	25.3	2,331	2,293	32.8	27.2
15 to 26 weeks	1,285	1,376	14.7	13.5	1,132	1,198	15.9	14.2
27 weeks and over	1,284	1,205	14.7	11.8	1,199	1,095	16.9	13.0
27 to 51 weeks	745	564	8.5	5.5	707	497	9.9	5.9
52 weeks and over	539	641	6.2	6.3	492	598	6.9	7.1
Average (mean) duration, in weeks	13.8	13.0	--	--	15.1	14.0	--	--
Median duration, in weeks	7.0	6.8	--	--	8.3	7.7	--	--

A-18. Unemployed persons by sex, age, race, marital status, and duration of unemployment

Sex, age, race, and marital status	Thousands of persons					Average (mean) duration, in weeks	Median duration, in weeks	Less than 5 weeks as a percent of unemployed in group		15 weeks and over as a percent of unemployed in group	
	Total	Less than 5 weeks	5 to 14 weeks	15 to 26 weeks	27 weeks and over						
	January 1982							Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982
Total, 16 years and over	10,183	4,361	3,243	1,376	1,205	13.0	6.8	42.4	42.8	29.4	25.3
16 to 21 years	2,851	1,404	799	364	285	11.0	5.2	52.6	49.2	21.2	22.7
16 to 19 years	1,849	910	524	229	186	10.8	5.2	54.7	49.2	18.7	22.4
20 to 24 years	2,371	1,019	763	339	250	12.6	6.7	45.2	43.0	27.0	24.8
25 to 34 years	2,826	1,191	933	356	306	13.1	6.9	38.8	42.1	32.1	24.8
35 to 44 years	1,482	569	476	223	215	14.2	8.1	39.0	38.4	35.7	29.5
45 to 54 years	986	392	301	114	139	14.7	7.3	33.0	41.4	37.0	26.8
55 to 64 years	625	244	216	64	102	15.0	7.6	27.0	39.0	38.4	26.5
65 years and over	85	37	32	10	6	12.2	5.9	56.2	43.7	23.9	18.9
Males, 16 years and over	6,117	2,352	2,128	849	787	13.8	7.6	37.1	38.5	32.4	26.7
16 to 21 years	1,661	757	517	209	179	11.6	6.1	47.9	45.6	23.2	23.3
16 to 19 years	1,052	475	334	125	118	11.4	6.1	50.4	45.1	19.9	23.1
20 to 24 years	1,479	569	515	226	167	13.5	7.7	37.6	38.5	31.3	26.6
25 to 34 years	1,733	644	625	263	202	13.7	7.8	32.6	37.1	36.0	26.8
35 to 44 years	852	284	310	122	137	15.1	8.8	33.5	33.3	37.8	30.4
45 to 54 years	557	220	179	68	90	15.7	7.6	29.0	39.5	40.9	28.3
55 to 64 years	396	136	143	38	69	16.0	8.2	26.3	35.3	39.5	27.7
65 years and over	57	24	22	6	5	13.8	6.2	(1)	(1)	(1)	(1)
Females, 16 years and over	4,066	2,008	1,115	525	418	11.8	5.2	49.8	49.4	25.2	23.2
16 to 21 years	1,190	647	282	155	106	10.2	4.6	59.6	54.4	18.3	21.9
16 to 19 years	797	435	190	103	68	10.0	4.6	61.0	54.6	16.9	21.5
20 to 24 years	892	450	247	113	82	11.0	5.0	57.0	50.4	20.2	21.9
25 to 34 years	1,092	547	308	133	105	12.2	5.0	47.2	50.1	26.8	21.7
35 to 44 years	630	285	166	100	79	12.9	6.5	43.0	45.3	33.5	28.4
45 to 54 years	386	171	121	47	49	13.3	6.7	38.6	44.1	31.6	29.7
55 to 64 years	239	107	73	25	34	13.2	6.2	28.0	48.9	36.7	24.6
65 years and over	28	13	10	4	1	8.9	5.6	(1)	(1)	(1)	(1)
White, 16 years and over	8,046	3,485	2,621	1,039	892	12.4	6.6	43.3	43.4	28.4	24.0
Males	4,919	1,935	1,737	658	593	13.1	7.4	39.0	39.3	30.9	25.3
Females	3,126	1,549	883	385	299	11.2	5.1	50.5	49.6	24.6	21.9
Black and other, 16 years and over	2,138	876	613	335	313	15.2	7.5	39.8	41.0	33.3	30.3
Males	1,197	417	391	195	190	16.6	8.9	33.3	36.8	38.4	32.5
Females	940	459	222	140	119	13.5	5.4	47.6	48.9	27.3	27.6
Males, 16 years and over											
Married, spouse present	2,554	908	965	352	330	14.2	8.0	33.7	35.5	34.8	26.7
Widowed, divorced, or separated	709	265	225	105	115	16.5	8.4	32.8	37.3	38.6	33.0
Single (never married)	2,854	1,180	939	393	342	12.8	7.1	40.8	41.4	29.1	25.7
Females, 16 years and over											
Married, spouse present	1,714	847	516	198	152	11.2	5.2	49.9	49.4	24.8	20.4
Widowed, divorced, or separated	844	378	256	109	100	12.4	6.4	41.2	44.8	31.9	24.8
Single (never married)	1,509	783	342	219	166	12.0	6.8	54.8	51.9	21.8	25.4

(1) Percent not shown where base is less than 75,000.

NOTE: 1982 data in these tables reflect the introduction of 1980 census population controls into the estimation process, and 1981 data have been revised. See article in this issue for additional information.

A-19. Unemployed persons by occupation, industry, and duration of unemployment

Occupation and industry	Thousands of persons					Average (mean) duration, in weeks	Median duration, in weeks	Less than 5 weeks as a percent of unemployed in group		15 weeks and over as a percent of unemployed in group	
	Total	Less than 5 weeks	5 to 14 weeks	15 to 26 weeks	27 weeks and over			Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982
	January 1982										
OCCUPATION											
White-collar workers	2,501	1,123	655	426	297	13.0	6.7	46.9	44.9	28.7	28.9
Professional and managerial	832	345	203	169	115	14.6	8.9	44.4	41.5	31.1	34.1
Sales workers	379	182	109	55	33	11.2	5.8	50.9	47.9	20.4	23.9
Clerical workers	1,289	596	344	201	149	12.5	6.1	47.4	46.2	29.5	27.1
Blue-collar workers	5,064	2,002	1,843	631	588	13.3	7.3	38.7	39.5	33.2	28.1
Craft and kindred workers	1,474	583	603	160	128	11.7	6.9	36.8	39.6	29.3	19.5
Operatives, except transport	2,026	832	670	263	263	13.8	7.4	33.3	41.1	36.7	25.8
Transport equipment operatives	478	165	179	64	71	15.0	8.1	35.5	34.5	31.9	28.1
Nonfarm laborers	1,087	421	391	148	126	13.7	7.3	34.9	38.8	32.5	25.3
Service workers	1,475	699	440	166	169	12.4	5.7	52.5	47.4	23.1	22.7
INDUSTRY[1]											
Agriculture	296	128	128	29	15	9.4	5.9	44.1	43.1	18.7	15.1
Construction	1,282	522	514	134	112	11.5	6.9	35.8	40.8	23.2	19.1
Manufacturing	2,616	1,058	902	357	298	13.5	7.3	32.9	40.5	39.7	25.1
Durable goods	1,653	635	583	230	205	14.2	7.9	30.3	38.4	44.5	26.3
Nondurable goods	963	423	319	128	93	12.2	6.5	36.6	44.0	32.6	22.9
Transportation and public utilities	502	184	163	79	76	16.2	8.1	41.2	36.6	33.8	30.9
Wholesale and retail trade	1,964	961	558	240	205	11.6	5.3	48.8	48.9	24.0	22.6
Finance and service industries	1,990	843	581	303	261	13.7	7.1	47.5	42.8	26.6	28.4
Public administration	268	89	66	51	61	18.4	12.7	36.1	33.4	38.9	42.0
No previous work experience	925	434	224	128	140	13.1	6.2	52.4	46.9	23.5	28.9

[1] Includes wage and salary workers only.

A-20. Employed persons by industry, age, and sex

(In thousands)

Industry and age	Total		Males		Females	
	Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982
All industries	98,139	97,831	55,993	55,300	42,146	42,531
16 to 19 years	6,811	6,066	3,526	3,139	3,285	2,927
16 to 17 years	2,601	2,302	1,332	1,181	1,269	1,121
18 to 19 years	4,210	3,764	2,194	1,958	2,016	1,806
20 to 24 years	13,744	13,406	7,222	7,031	6,522	6,374
25 to 54 years	63,325	64,250	36,627	36,704	26,698	27,546
25 to 34 years	27,419	27,991	15,843	15,869	11,576	12,122
35 to 44 years	19,634	20,411	11,353	11,599	8,281	8,811
45 to 54 years	16,272	15,847	9,430	9,235	6,841	6,612
55 to 64 years	11,449	11,302	6,874	6,707	4,575	4,595
55 to 59 years	7,047	6,960	4,220	4,119	2,827	2,841
60 to 64 years	4,402	4,342	2,654	2,588	1,749	1,753
65 years and over	2,810	2,808	1,744	1,719	1,066	1,089
Nonagricultural industries	95,232	94,948	53,603	52,945	41,629	42,003
16 to 19 years	6,554	5,835	3,315	2,947	3,239	2,889
16 to 17 years	2,483	2,193	1,238	1,090	1,246	1,103
18 to 19 years	4,071	3,642	2,077	1,857	1,994	1,785
20 to 24 years	13,398	13,092	6,944	6,775	6,454	6,316
25 to 54 years	61,762	62,647	35,390	35,437	26,372	27,210
25 to 34 years	26,836	27,356	15,367	15,362	11,469	11,994
35 to 44 years	19,148	19,918	10,675	11,206	8,173	8,712
45 to 54 years	15,778	15,373	9,048	8,868	6,730	6,505
55 to 64 years	10,977	10,828	6,458	6,314	4,519	4,514
55 to 59 years	6,804	6,708	4,011	3,915	2,793	2,793
60 to 64 years	4,173	4,120	2,447	2,399	1,726	1,720
65 years and over	2,540	2,546	1,495	1,472	1,045	1,074
Agriculture	2,908	2,883	2,391	2,355	517	527
16 to 19 years	257	231	211	192	45	39
16 to 17 years	118	109	94	91	23	18
18 to 19 years	139	121	117	101	22	20
20 to 24 years	346	314	277	256	68	58
25 to 54 years	1,563	1,603	1,237	1,268	326	335
25 to 34 years	583	635	475	507	107	128
35 to 44 years	486	493	378	393	108	100
45 to 54 years	494	474	383	367	111	107
55 to 64 years	472	474	416	393	56	81
55 to 59 years	243	252	209	204	34	48
60 to 64 years	229	222	207	189	22	33
65 years and over	270	262	249	247	21	15

NOTE: 1982 data in these tables reflect the introduction of 1980 census population controls into the estimation process, and 1981 data have been revised. See article in this issue for additional information.

HOUSEHOLD DATA

A-21. Employed persons by occupation, sex, and age

[In thousands]

Occupation	Total		Males, 20 years and over		Females, 20 years and over		Males, 16-19 years		Females, 16-19 years	
	Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982
TOTAL	98,139	97,831	52,467	52,162	38,862	39,603	3,526	3,139	3,285	2,927
White collar workers	52,707	52,872	23,805	23,931	26,426	26,872	690	564	1,785	1,505
Professional and technical	16,475	17,021	8,984	9,271	7,297	7,623	84	68	110	63
Health workers	3,098	3,187	1,009	1,034	2,053	2,139	4	3	28	11
Teachers, except college	3,372	3,449	1,000	993	2,352	2,448	4	4	16	11
Other professional and technical	10,009	10,385	6,975	7,247	2,892	3,040	76	57	66	41
Managers and administrators, except farm	11,567	11,091	8,211	8,030	3,239	2,967	75	54	42	40
Salaried workers	9,646	9,353	6,925	6,694	2,714	2,569	68	50	40	39
Self-employed workers in retail trade	899	906	555	556	340	288	4	2	--	1
Self-employed workers, except retail trade	1,022	931	831	778	185	153	3	1	2	--
Sales workers	6,310	6,448	3,272	3,306	2,401	2,561	217	206	420	375
Retail trade	3,146	3,265	974	1,040	1,625	1,727	162	158	385	383
Other industries	3,164	3,183	2,299	2,266	776	834	54	48	35	35
Clerical workers	18,354	18,312	3,338	3,324	13,489	13,720	315	241	1,213	1,027
Stenographers, typists, and secretaries	4,997	4,742	72	48	4,647	4,467	3	9	275	217
Other clerical workers	13,357	13,570	3,266	3,276	8,842	9,253	312	232	938	810
Blue collar workers	30,085	29,150	22,732	22,140	5,374	5,289	1,683	1,504	297	216
Craft and kindred workers	12,237	11,987	11,122	10,875	716	811	371	276	28	28
Carpenters	1,149	561	1,093	510	21	13	32	38	2	1
Construction craft workers, except carpenters	2,412	2,286	2,298	2,177	24	47	91	60	--	1
Mechanics and repairers	3,335	3,443	3,138	3,269	51	67	145	104	1	2
Metal craft workers	1,244	1,172	1,157	1,085	58	57	28	29	--	2
Blue-collar worker supervisors, not elsewhere classified	1,795	1,763	1,581	1,552	209	210	4	1	1	--
All other	2,302	2,362	1,854	1,882	353	417	71	45	25	18
Operatives, except transport	10,413	9,797	5,791	5,420	3,947	3,780	490	451	184	146
Durable goods manufacturing	4,521	4,290	2,848	2,677	1,496	1,421	126	154	50	39
Nondurable goods manufacturing	3,292	3,060	1,263	1,211	1,840	1,728	103	65	86	57
Other industries	2,601	2,447	1,680	1,533	612	632	262	232	45	50
Transport equipment operatives	3,374	3,360	2,951	2,915	268	309	139	128	16	9
Drivers, motor vehicles	2,883	2,917	2,499	2,524	250	277	119	108	16	8
All other	491	444	452	391	19	32	20	20	--	1
Nonfarm laborers	4,062	4,006	2,969	2,930	402	389	683	649	68	37
Construction	667	558	574	483	16	9	76	65	1	1
Manufacturing	922	955	694	749	160	143	63	62	5	2
Other industries	2,472	2,492	1,602	1,698	265	237	543	522	62	34
Service workers	12,578	13,419	4,101	4,247	6,731	7,098	976	906	1,170	1,172
Private household workers	1,010	1,060	25	26	783	824	19	13	184	197
Service workers, except private household	11,568	12,359	4,075	4,221	5,948	6,269	958	893	987	975
Food service workers	4,377	4,552	903	968	2,187	2,317	628	600	664	667
Protective service workers	1,441	1,576	1,269	1,372	143	181	21	16	9	6
All other	6,150	6,231	1,903	1,881	3,618	3,771	313	277	314	302
Farm workers	2,369	2,391	1,929	1,883	330	389	178	166	32	34
Farmers and farm managers	1,377	1,383	1,219	1,221	139	147	20	12	--	2
Farm laborers and supervisors	992	1,009	611	622	191	201	158	153	12	32
Paid workers	817	783	583	567	90	97	117	95	26	24
Unpaid family workers	175	225	27	55	100	104	41	59	7	8

NOTE: 1982 data in this table reflect the introduction of 1980 census population controls into the estimation process, and 1981 data have been revised. See article in this issue for additional information.

A-22. Employed persons by occupation, race, and sex

[Percent distribution]

Occupation and race	Total		Male		Female	
	Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982
TOTAL						
Total, 16 years and over (thousands)	98,139	97,831	55,993	55,300	42,146	42,531
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White collar workers	53.7	54.0	43.7	44.3	66.9	66.7
Professional and technical	16.8	17.4	16.2	16.9	17.6	18.1
Managers and administrators, except farm	11.8	11.3	14.8	14.6	7.8	7.1
Sales workers	6.4	6.6	6.2	6.4	6.7	6.9
Clerical workers	18.7	18.7	6.5	6.4	34.9	34.7
Blue collar workers	30.7	29.8	43.6	42.8	13.5	12.9
Craft and kindred workers	12.5	12.3	20.5	20.2	1.8	2.0
Operatives, except transport	10.6	10.0	11.2	10.6	9.8	9.2
Transport equipment operatives	3.4	3.4	5.5	5.5	.7	.7
Nonfarm laborers	4.1	4.1	6.3	6.5	1.2	1.0
Service workers	13.2	13.7	9.1	9.3	18.7	19.4
Private household workers	1.0	1.1	.1	.1	2.3	2.4
Other service workers	12.2	12.6	9.0	9.2	16.5	17.0
Farm workers	2.4	2.4	3.6	3.6	.9	.9
Farmers and farm managers	1.4	1.4	2.2	2.2	.3	.4
Farm laborers and supervisors	1.0	1.0	1.4	1.4	.5	.5
White						
Total, 16 years and over (thousands)	86,535	86,178	49,972	49,458	36,563	36,928
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White collar workers	55.4	55.5	45.8	45.7	69.0	68.8
Professional and technical	17.2	17.8	16.8	17.3	17.8	18.4
Managers and administrators, except farm	12.5	12.1	15.7	15.4	8.2	7.6
Sales workers	6.9	7.1	6.6	6.9	7.2	7.5
Clerical workers	18.7	18.6	6.3	6.2	35.7	35.3
Blue collar workers	30.1	29.4	42.7	42.1	12.9	12.4
Craft and kindred workers	12.9	12.7	21.0	20.7	1.8	2.0
Operatives, except transport	10.1	9.5	10.8	10.1	9.2	8.6
Transport equipment operatives	3.2	3.3	5.1	5.2	.7	.8
Nonfarm laborers	3.8	3.9	5.8	6.0	1.2	1.0
Service workers	12.0	12.5	8.2	8.5	17.1	17.9
Private household workers	.9	.8	.1	(1)	1.8	1.9
Other service workers	11.2	11.7	8.2	8.5	15.4	16.0
Farm workers	2.5	2.6	3.7	3.7	.9	1.0
Farmers and farm managers	1.5	1.6	2.4	2.4	.4	.4
Farm laborers and supervisors	1.0	1.0	1.3	1.3	.6	.6
Black and other						
Total, 16 years and over (thousands)	11,604	11,653	6,021	5,844	5,583	5,607
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White collar workers	41.3	42.8	30.2	32.7	53.3	53.3
Professional and technical	13.7	14.5	11.5	13.1	15.9	15.7
Managers and administrators, except farm	6.1	5.9	7.3	7.9	4.8	3.8
Sales workers	2.9	2.9	2.8	2.6	3.1	3.3
Clerical workers	18.6	19.5	8.5	8.9	29.5	30.5
Blue collar workers	34.6	33.0	51.0	48.6	16.8	16.7
Craft and kindred workers	9.2	8.8	16.5	15.8	1.3	1.5
Operatives, except transport	14.1	13.0	18.7	18.6	13.6	13.4
Transport equipment operatives	5.0	4.4	8.9	7.9	.7	.7
Nonfarm laborers	6.3	5.8	11.0	10.4	1.3	1.1
Service workers	22.5	22.7	16.0	16.0	29.5	29.6
Private household workers	2.9	3.0	.3	.3	5.8	5.8
Other service workers	19.6	19.6	15.8	15.7	23.7	23.8
Farm workers	1.6	1.6	2.8	2.8	.4	.4
Farmers and farm managers	.4	.2	.7	.8	(1)	.1
Farm laborers and supervisors	1.3	1.4	2.1	2.4	.3	.3

NOTE: 1982 data in this table reflect the introduction of 1980 census population controls into the estimation process, and 1981 data have been revised. See article in this issue for additional information.

HOUSEHOLD DATA

A-23. Employed persons by age, sex, and class of worker

[In thousands]

Age and sex	January 1982								
	Nonagricultural industries						Agriculture		
	Wage and salary workers				Self employed	Unpaid family workers	Wage and salary workers	Self employed	Unpaid family workers
	Total	Private household workers	Government	Other					
Total, 16 years and over	87,775	1,151	15,718	70,906	6,797	376	1,128	1,513	245
16 to 19 years	5,743	238	389	5,117	77	15	150	14	66
16 to 17 years	2,150	172	115	1,863	39	8	63	7	39
18 to 19 years	3,593	65	273	3,254	39	11	87	7	27
20 to 24 years	12,739	88	1,400	11,252	313	40	214	67	32
25 to 34 years	25,588	192	4,593	20,803	1,694	75	286	295	54
35 to 44 years	18,119	134	3,889	14,096	1,702	96	199	263	31
45 to 54 years	13,875	161	3,050	10,664	1,421	78	140	301	33
55 to 64 years	9,711	204	2,090	7,416	1,055	62	111	341	22
55 to 59 years	6,041	133	1,323	4,586	630	37	73	165	14
60 to 64 years	3,670	71	768	2,831	425	25	38	176	7
65 years and over	2,000	135	307	1,558	535	12	24	231	7
Males, 16 years and over	48,216	120	7,728	40,368	4,691	38	908	1,334	114
16 to 19 years	2,895	42	173	2,681	88	7	121	13	58
16 to 17 years	1,066	32	46	988	22	2	47	8	37
18 to 19 years	1,829	9	127	1,693	22	5	74	5	22
20 to 24 years	6,552	16	566	5,971	211	12	173	59	25
25 to 34 years	14,205	24	2,188	11,992	1,152	6	227	258	22
35 to 44 years	10,057	5	1,920	8,132	1,150	--	160	231	2
45 to 54 years	7,863	10	1,623	6,230	1,002	3	118	249	--
55 to 64 years	5,536	9	1,076	4,452	771	7	84	308	1
55 to 59 years	3,446	6	685	2,755	465	4	57	147	1
60 to 64 years	2,091	3	391	1,697	306	2	28	161	1
65 years and over	1,107	14	183	910	361	4	24	217	6
Females, 16 years and over	39,559	1,031	7,990	30,538	2,106	338	217	179	131
16 to 19 years	2,848	196	216	2,436	33	7	29	2	8
16 to 17 years	1,084	140	69	875	17	2	16	--	3
18 to 19 years	1,764	56	147	1,561	16	5	13	2	5
20 to 24 years	6,187	72	834	5,281	102	28	42	8	8
25 to 34 years	11,383	168	2,405	8,811	542	69	59	37	32
35 to 44 years	8,062	129	1,969	5,964	553	97	38	33	29
45 to 54 years	6,012	151	1,427	4,434	418	75	22	52	33
55 to 64 years	4,174	195	1,015	2,965	284	55	27	34	20
55 to 59 years	2,596	127	638	1,831	165	32	17	18	14
60 to 64 years	1,579	68	377	1,134	119	23	10	16	7
65 years and over	893	121	124	649	174	7	--	14	1

A-24. Employed persons by industry and occupation

[In thousands]

Industry	January 1982											
		White-collar workers				Blue-collar workers				Service workers		Farm workers
	Total employed	Professional and technical workers	Managers and administrators, except farm	Sales workers	Clerical workers	Craft and kindred workers	Operatives, except transport	Transport equipment operatives	Nonfarm laborers	Private household workers	Other service workers	
Agriculture	2,883	82	26	10	72	75	11	16	187	--	13	2,391
Mining	1,103	179	134	3	122	259	326	40	26	--	14	--
Construction	5,315	215	693	42	484	2,897	218	170	558	--	38	--
Manufacturing	20,695	2,624	1,637	494	2,591	3,966	7,350	719	955	--	359	--
Durable goods	12,346	1,784	996	169	1,524	2,538	4,290	331	537	--	182	--
Nondurable goods	8,349	840	641	330	1,067	1,428	3,060	388	418	--	177	--
Transportation and public utilities	6,464	679	657	91	1,500	1,358	123	1,406	447	--	202	--
Wholesale and retail trade	20,075	479	3,883	4,261	3,509	1,422	847	717	1,208	--	3,749	--
Wholesale trade	3,924	149	807	997	782	344	170	366	286	--	23	--
Retail trade	16,150	330	3,076	3,265	2,727	1,078	677	350	922	--	3,726	--
Finance, insurance, and real estate	6,296	813	1,241	1,383	2,795	107	5	11	75	--	266	--
Services	29,815	11,337	2,164	152	5,428	1,605	856	211	434	1,060	6,570	--
Private households	1,203	3	--	--	13	8	--	10	68	1,060	43	--
Other service industries	28,612	11,334	2,164	152	5,415	1,597	856	201	366	--	6,527	--
Public administration	5,186	1,013	655	9	1,811	297	63	72	116	--	1,149	--

NOTE: Data in these tables reflect the introduction of 1980 census population controls. See article in this issue for additional information.

A-25. Employed persons with a job but not at work by reason, sex, and pay status

[In thousands]

Reason not working and sex	All industries		Nonagricultural industries					
			Total		Wage and salary workers[1]			
					Paid absences[2]		Unpaid absences[2]	
	Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982
Total, 16 years and over	3,929	4,923	3,765	4,703	1,405	1,577	1,736	2,304
Vacation	1,025	1,137	982	1,092	533	634	328	381
Illness	1,732	1,486	1,699	1,454	666	619	843	692
Bad weather	201	1,178	173	1,079	--	--	--	--
Industrial dispute	31	24	31	21	--	--	--	--
All other reasons	940	1,099	880	1,058	206	324	565	1,271
Males, 16 years and over	2,182	2,801	2,036	2,603	818	926	822	1,164
Vacation	577	647	540	615	338	417	134	137
Illness	940	792	911	762	381	343	426	337
All other reasons[3]	664	1,363	585	1,226	99	166	263	690
Females, 16 years and over	1,748	2,122	1,729	2,100	588	651	915	1,140
Vacation	448	490	441	477	196	217	196	204
Illness	791	694	788	691	285	276	417	355
All other reasons[3]	508	938	499	932	106	158	302	581

[1]Excludes private household workers.

[2]Pay status not available separately for bad weather and industrial dispute; these categories are included in "all other reasons."

[3]Includes bad weather and industrial dispute, not shown separately.

NOTE: 1982 data in this table reflect the introduction of 1980 census population controls into the estimation process, and 1981 data have been revised. See article in this issue for additional information.

NOTE: Estimates for "all other reasons" by pay status may be biased because of high response variance; data should be used with caution.

A-26. Persons at work by hours of work and industry

Hours of work	January 1982					
	Thousands of persons			Percent distribution		
	All industries	Nonagricultural industries	Agriculture	All industries	Nonagricultural industries	Agriculture
Total, 16 years and over	92,908	90,245	2,663	100.0	100.0	100.0
1-34 hours	30,827	29,868	959	33.2	33.1	36.0
1-4 hours	1,018	957	61	1.1	1.1	2.3
5-14 hours	5,793	5,529	264	6.2	6.1	9.9
15-29 hours	14,692	14,261	431	15.8	15.8	16.2
30-34 hours	9,324	9,121	203	10.0	10.1	7.6
35 hours and over	62,081	60,377	1,704	66.8	66.9	64.0
35-39 hours	6,831	6,656	174	7.4	7.4	6.5
40 hours	35,078	34,621	457	37.8	38.4	17.2
41 hours and over	20,172	19,100	1,073	21.7	21.2	40.3
41 to 48 hours	7,886	7,681	245	8.5	8.5	9.2
49 to 59 hours	7,121	6,797	324	7.7	7.5	12.2
60 hours and over	5,165	4,662	504	5.6	5.2	18.9
Average hours, total at work	36.4	36.3	40.0	--	--	--
Average hours, workers on full time schedules	40.7	40.5	47.4	--	--	--

NOTE: Data in this table reflect the introduction of 1980 census population controls. See article in this issue for additional information.

HOUSEHOLD DATA

A-27. Persons at work 1 to 34 hours by reason for working less than 35 hours and usual status

[Numbers in thousands]

Reason for working less than 35 hours	January 1982					
	All industries			Nonagricultural industries		
	Total	Usually work full time	Usually work part time	Total	Usually work full time	Usually work part time
Total, 16 years and over	30,827	14,677	16,150	29,868	14,239	15,629
Economic reasons	5,056	2,019	3,037	4,887	1,885	2,962
Slack work	2,859	1,827	1,032	2,694	1,700	994
Material shortages or repairs to plant and equipment	53	53	--	50	50	--
New job started during week	100	100	--	98	98	--
Job terminated during week	40	40	--	38	38	--
Could find only part time work	2,005	--	2,005	1,978	--	1,978
Other reasons	25,771	12,658	13,113	25,023	12,355	12,668
Does not want, or unavailable for, full time work	10,913	--	10,913	10,590	--	10,590
Vacation	647	647	--	645	645	--
Illness	1,906	1,740	166	1,880	1,717	163
Bad weather	8,125	8,125	--	7,889	7,889	--
Industrial dispute	4	4	--	4	4	--
Legal or religious holiday	933	933	--	832	832	--
Full time for this job	1,810	--	1,810	1,353	--	1,353
All other reasons	1,933	1,309	624	1,829	1,267	562
Average hours						
Economic reasons	21.1	29.0	19.2	21.2	29.2	19.3
Other reasons	21.5	25.2	18.0	21.6	25.3	18.0
Worked 30 to 34 hours						
Economic reasons	1,421	868	553	1,390	831	549
Other reasons	7,903	5,869	2,034	7,781	5,781	1,960

NOTE: Data in this table reflect the introduction of 1980 census population controls.
See article in this issue for additional information.

A-28. Nonagricultural workers by industry and full- or part-time status

[Numbers in thousands]

Industry	January 1982								
	Full- or part-time status							Average hours, total at work	Average hours, workers on full time schedules
	Total at work	On part time for economic reasons	On voluntary part time	On full time schedules					
				Total	40 hours or less	41 to 48 hours	49 hours or more		
Total, 16 years and over[1]	90,245	4,887	12,668	72,730	53,630	7,641	11,459	35.3	40.5
Wage and salary workers	83,800	4,234	11,500	68,066	51,220	7,151	9,695	36.2	40.1
Construction	3,809	277	189	3,343	2,620	279	444	36.0	38.2
Manufacturing	19,502	843	583	18,076	14,175	2,071	1,830	38.2	39.4
Durable goods	11,631	368	235	11,028	8,726	1,263	1,039	38.7	39.6
Nondurable goods	7,870	476	349	7,046	5,447	808	791	37.3	39.2
Transportation and public utilities	5,858	207	387	5,264	3,837	559	868	39.4	41.6
Wholesale and retail trade	17,427	1,378	4,344	11,705	7,898	1,581	2,226	36.3	41.7
Finance, insurance, and real estate	5,666	120	519	5,027	3,896	482	649	37.8	40.1
Service industries	25,504	1,301	5,222	18,981	14,517	1,665	2,799	34.1	39.6
Private households	1,057	208	550	299	221	30	48	20.3	40.6
All other industries	24,447	1,093	4,672	18,682	14,296	1,635	2,751	34.7	39.6
Public administration	5,029	81	254	4,690	3,734	386	570	38.5	39.9
Self-employed workers	6,069	593	1,041	4,435	2,258	468	1,709	38.2	45.9
Unpaid family workers	376	19	127	230	153	22	55	35.1	43.5

[1] Includes mining, not shown separately.

NOTE: Data in this table reflect the introduction of 1980 census population controls.
See article in this issue for additional information.

A-29. Persons at work in nonagricultural industries by sex, age, race, marital status, and full- or part-time status

Numbers in thousands

Sex, age, race, and marital status	January 1982							
	Total at work	On part time for economic reasons	On voluntary part time	On full time schedules			Average hours, total at work	Average hours, workers on full time schedules
				Total	40 hours or less	41 hours or more		
TOTAL								
Both sexes, 16 years and over	90,245	4,847	12,668	72,730	53,630	19,100	36.3	40.5
16 to 21 years	10,107	961	4,186	4,960	4,079	881	27.6	38.8
16 to 19 years	5,586	518	3,180	1,848	1,545	303	23.2	37.9
16 to 17 years	2,087	98	1,812	177	152	25	16.2	36.2
18 to 19 years	3,499	420	1,368	1,671	1,393	278	27.3	38.1
20 years and over	80,699	4,329	9,488	70,882	52,085	18,797	37.2	40.6
20 to 24 years	12,505	961	1,947	9,597	7,460	2,137	35.1	39.7
25 years and over	72,193	3,366	7,541	61,286	44,625	16,661	37.5	40.7
25 to 49 years	45,260	2,117	4,083	39,060	28,080	10,980	38.0	40.9
50 to 64 years	24,687	1,138	2,416	21,133	15,771	5,362	37.5	40.4
65 years and over	2,247	113	1,092	1,092	773	319	28.4	40.8
Males, 16 years and over	50,382	2,138	3,732	44,472	29,813	14,659	39.5	42.2
16 to 21 years	5,134	461	1,942	2,731	2,120	611	29.1	39.4
16 to 19 years	2,809	249	1,517	1,043	824	219	24.6	38.4
16 to 17 years	1,032	47	870	115	101	14	17.4	35.6
18 to 19 years	1,777	202	648	927	723	204	28.7	38.7
20 years and over	47,533	1,888	2,214	43,431	28,992	14,439	40.4	42.3
20 to 24 years	6,475	428	776	5,275	3,790	1,485	37.1	40.9
25 years and over	41,058	1,465	1,438	38,155	25,201	12,954	41.0	42.4
25 to 44 years	25,500	914	539	24,052	15,570	8,482	41.4	42.6
45 to 64 years	14,272	492	369	13,411	9,177	4,234	40.9	42.2
65 years and over	1,286	60	535	691	452	239	30.6	41.9
Females, 16 years and over	39,903	2,709	8,936	28,258	23,816	4,442	32.3	37.8
16 to 21 years	4,973	500	2,243	2,230	1,960	270	26.0	37.9
16 to 19 years	2,737	269	1,663	805	722	83	21.7	37.3
16 to 17 years	1,055	50	942	63	52	11	15.1	37.3
18 to 19 years	1,682	219	721	742	669	73	25.9	37.4
20 years and over	34,166	2,440	7,274	27,452	23,094	4,358	33.1	37.9
20 to 24 years	6,030	537	1,171	4,322	3,670	652	33.0	38.3
25 years and over	28,135	1,903	6,102	23,130	19,423	3,707	33.1	37.8
25 to 44 years	19,759	1,203	4,599	15,007	12,599	2,408	33.5	37.8
45 to 64 years	10,415	685	2,088	7,722	6,598	1,128	33.0	37.6
65 years and over	961	58	506	401	321	80	25.5	38.9
RACE								
White	79,792	4,088	11,656	64,002	46,185	17,857	36.6	40.9
Males	45,040	1,832	3,406	39,802	26,013	13,789	39.8	42.6
Females	34,752	2,252	8,250	24,200	20,133	4,067	32.3	38.1
Black and other	10,503	762	1,012	8,729	7,486	1,243	34.5	37.7
Males	5,302	306	326	4,670	3,809	860	36.9	39.1
Females	5,201	456	686	4,059	3,685	374	32.1	36.2
MARITAL STATUS								
Males, 16 years and over	38,462	1,128	1,058	32,276	21,052	11,224	41.1	42.5
Married, spouse present	4,823	227	196	4,000	2,650	1,331	40.5	42.7
Widowed, divorced, or separated	11,457	782	2,479	8,197	6,093	2,104	38.4	40.9
Single (never married)								
Females, 16 years and over	22,123	1,377	5,342	15,404	13,145	2,259	31.9	37.5
Married, spouse present	7,957	587	999	6,376	5,273	1,103	34.5	38.0
Widowed, divorced, or separated	9,823	796	2,603	6,477	5,399	1,078	31.2	36.5
Single (never married)								

NOTE: Data in this table reflect the introduction of 1980 census population controls.
See article in this issue for additional information.

HOUSEHOLD DATA

A-30. Persons at work in nonfarm occupations by sex and full- or part-time status

(Numbers in thousands)

Occupation and sex	January 1982								
	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules				Average hours, total at work	Average hours, workers on full-time schedules
				Total	40 hours or less	41 to 48 hours	49 hours or more		
Total, 16 years and over	90,699	4,889	12,744	73,066	53,833	7,698	11,534	36.3	40.5
White-collar workers	50,718	1,617	6,989	42,112	30,199	4,384	7,529	37.2	40.9
Professional and technical	16,320	763	1,853	14,104	9,983	1,537	2,584	37.6	40.6
Managers and administrators, except farm	10,628	157	493	9,978	5,550	1,236	3,192	43.3	44.8
Sales workers	6,087	385	1,455	4,247	2,791	518	938	38.7	41.8
Clerical workers	17,683	714	3,188	13,781	11,873	1,094	814	36.1	38.2
Blue-collar workers	27,267	1,899	1,777	23,591	17,825	2,691	3,075	39.2	39.9
Craft and kindred workers	11,224	582	599	10,243	7,719	1,110	1,414	39.0	40.8
Operatives, except transport	9,250	711	483	8,056	6,677	777	602	36.0	38.1
Transport equipment operatives	3,100	236	271	2,593	1,647	321	625	39.0	42.4
Nonfarm laborers	3,692	371	625	2,696	2,178	283	235	33.1	38.5
Service workers	12,714	1,371	3,978	7,363	5,809	609	945	30.6	40.3
Private household	970	188	491	291	217	27	47	21.0	40.9
Other service workers	11,744	1,185	3,487	7,072	5,592	582	898	31.7	40.3
Males, 16 years and over	50,657	2,169	3,766	44,722	29,959	5,388	9,375	39.5	42.2
White-collar workers	23,599	494	1,415	21,690	13,176	2,654	5,860	41.6	43.6
Professional and technical	9,018	136	490	8,392	5,398	970	2,024	41.2	42.9
Managers and administrators, except farm	7,759	109	201	7,489	3,763	950	2,736	44.9	46.0
Sales workers	3,167	129	379	2,859	1,676	408	779	39.6	43.2
Clerical workers	3,655	120	345	2,990	2,339	330	321	37.3	40.0
Blue-collar workers	22,131	1,331	1,261	19,539	14,220	2,302	2,927	38.2	40.7
Craft and kindred workers	10,446	522	297	9,627	6,807	1,249	1,571	39.4	41.0
Operatives, except transport	5,576	333	262	5,001	3,900	576	525	38.0	39.8
Transport equipment operatives	2,815	189	153	2,473	1,555	336	612	40.3	43.2
Nonfarm laborers	3,294	307	549	2,438	1,958	261	219	33.3	38.6
Service workers	4,927	344	1,090	3,493	2,563	342	588	35.1	42.2
Private household	37	3	23	11	10	1	--	16.1	38.7
Other service workers	4,890	341	1,067	3,482	2,553	341	588	35.3	42.2
Females, 16 years and over	40,042	2,723	8,978	28,341	23,870	2,297	2,174	32.3	37.9
White-collar workers	27,119	1,124	5,574	20,421	17,022	1,730	1,669	33.9	38.1
Professional and technical	7,302	227	1,363	5,712	4,583	567	562	33.1	37.3
Managers and administrators, except farm	2,869	48	292	2,529	1,787	286	456	38.7	41.1
Sales workers	2,720	256	1,076	1,388	1,115	110	159	28.7	39.0
Clerical workers	14,228	593	2,843	10,792	9,535	764	493	31.3	37.7
Blue-collar workers	5,136	569	516	4,051	3,603	330	148	32.7	35.4
Craft and kindred workers	778	60	302	616	511	62	43	34.3	38.1
Operatives, except transport	3,674	378	221	3,055	2,778	201	76	33.0	35.2
Transport equipment operatives	285	47	118	120	90	16	14	35.6	37.5
Nonfarm laborers	399	64	75	260	223	21	16	31.1	37.2
Service workers	7,787	1,030	2,888	3,869	3,245	267	357	28.2	38.4
Private household	933	186	468	279	206	26	47	21.2	41.0
Other service workers	6,854	844	2,420	3,590	3,039	241	310	29.1	38.4

NOTE: Data in this table reflect the introduction of 1980 census population controls.
See article in this issue for additional information.

A-31. Employment status of 14- and 15-year-olds by sex and race

(Numbers in thousands)

Employment status	January 1982								
	Total			White			Black and other		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Civilian noninstitutional population	7,239	3,685	3,554	5,986	3,070	2,916	1,253	615	639
Civilian labor force	995	511	484	926	470	456	69	41	29
Employed	863	437	425	821	410	411	42	28	14
Agriculture	72	57	15	67	52	15	5	5	--
Nonagricultural industries	790	381	410	754	358	396	37	23	14
Unemployed	132	74	59	105	61	48	27	13	15
Unemployment rate	13.3	14.5	12.2	11.3	13.0	9.7	(1)	(1)	(1)
Not in labor force	6,244	3,174	3,070	5,059	2,599	2,460	1,184	574	610
Keeping house	34	--	34	27	1	26	8	--	8
Going to school	5,889	3,003	2,885	4,784	2,462	2,322	1,105	541	564
Unable to work	--	--	--	--	--	--	1	--	--
All other reasons	320	170	150	249	137	112	71	34	38

(1) Percent not shown where base is less than 75,000

NOTE: Data in this table reflect the introduction of 1980 census population controls. See article in this issue for additional information.

A-32. Employed 14- and 15-year-olds by class of worker, occupation, and sex

Class of worker and occupation	January 1982					
	Thousands of persons			Percent distribution		
	Both sexes	Males	Females	Both sexes	Males	Females
CLASS OF WORKER						
Total	863	437	425	100.0	100.0	100.0
Nonagricultural industries	790	381	410	91.5	87.0	96.5
Wage and salary workers	709	325	384	82.2	74.2	90.4
Private household workers	301	57	244	34.9	13.0	57.4
Government workers	26	16	10	3.0	3.7	2.4
Other wage and salary workers	383	253	130	44.4	57.8	30.6
Self-employed workers	75	49	25	8.7	11.2	5.9
Unpaid family workers	6	6	1	.7	1.4	.2
Agriculture	72	57	15	8.3	13.0	3.5
Wage and salary workers	43	35	8	5.0	8.0	1.9
Self-employed workers	4	4	--	.5	.9	--
Unpaid family workers	25	18	7	2.9	4.1	1.6
OCCUPATION						
Total	863	437	425	100.0	100.0	100.0
White collar workers	249	169	79	28.9	38.6	17.6
Professional and technical	10	5	5	1.2	1.1	1.2
Managers and administrators, except farm	2	1	1	.2	.2	.2
Sales workers	192	146	46	22.2	33.4	10.8
Clerical workers	41	17	24	4.8	3.9	5.6
Blue collar workers	117	107	9	13.6	24.4	2.1
Craft and kindred workers	3	4	--	.3	.9	--
Operatives, except transport	20	18	2	2.3	4.1	.5
Transport equipment operatives	9	4	5	1.0	.9	1.2
Nonfarm laborers	89	82	2	9.7	18.7	.5
Service workers	436	108	328	50.5	24.7	77.2
Private household workers	266	17	250	30.8	3.9	58.8
Other service workers	170	91	78	19.7	20.8	18.4
Farm workers	66	53	13	7.6	12.1	3.1
Farmers and farm managers	3	2	--	.3	.5	--
Farm laborers and supervisors	63	51	12	7.3	11.6	2.8

NOTE: Data in this table reflect the introduction of 1980 census population controls. See article in this issue for additional information.

HOUSEHOLD DATA
SEASONALLY ADJUSTED

A-33. Employment status of the noninstitutional population by sex and age, seasonally adjusted

[Numbers in thousands]

Employment status, sex, and age	1981												19
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Ja
TOTAL													
Total noninstitutional population [1]	171,229	171,400	171,581	171,770	171,956	172,172	172,385	172,559	172,758	172,966	173,155	173,330	173,495
Armed Forces [1]	2,125	2,121	2,128	2,129	2,127	2,131	2,139	2,160	2,165	2,158	2,158	2,168	2,159
Civilian noninstitutional population [1]	169,104	169,280	169,453	169,641	169,829	170,042	170,246	170,399	170,593	170,809	170,996	171,166	171,335
Civilian labor force	107,923	108,034	108,364	108,777	109,293	108,434	108,688	108,818	108,494	109,012	109,272	109,184	108,879
Percent of civilian population	63.8	63.8	63.9	64.1	64.4	63.8	63.8	63.9	63.6	63.8	63.9	63.8	63.5
Employed	99,901	100,069	100,406	100,878	101,045	100,410	100,864	100,840	100,258	100,343	100,172	99,613	99,581
Percent of total population	58.3	58.4	58.5	58.7	58.8	58.3	58.5	58.4	58.0	58.0	57.9	57.5	57.4
Agriculture	3,445	3,346	3,343	3,470	3,405	3,348	3,342	3,404	3,358	3,378	3,372	3,209	3,411
Nonagricultural industries	96,456	96,723	97,063	97,408	97,640	97,062	97,522	97,436	96,900	96,965	96,800	96,404	96,170
Unemployed	8,022	7,965	7,958	7,899	8,248	8,004	7,824	7,978	8,236	8,669	9,100	9,571	9,298
Unemployment rate	7.4	7.4	7.3	7.3	7.5	7.4	7.2	7.3	7.6	8.0	8.3	8.8	8.5
Not in labor force	61,181	61,246	61,089	60,864	60,536	61,608	61,558	61,581	62,099	61,797	61,724	61,982	62,456
Males, 20 years and over													
Total noninstitutional population [1]	73,511	73,607	73,710	73,817	73,924	74,045	74,164	74,268	74,382	74,502	74,610	74,714	74,813
Civilian noninstitutional population [1]	71,850	71,951	72,037	72,142	72,251	72,359	72,472	72,559	72,670	72,795	72,921	73,020	73,120
Civilian labor force	56,803	56,916	57,028	57,157	57,479	57,094	57,172	57,250	57,262	57,355	57,459	57,465	57,368
Percent of civilian population	79.1	79.0	79.2	79.2	79.6	78.9	78.9	78.9	78.8	78.8	78.8	79.0	78.5
Employed	53,342	53,383	53,618	53,820	53,888	53,597	53,874	53,791	53,693	53,504	53,358	53,122	53,047
Percent of total population	72.6	72.5	72.7	72.9	72.9	72.4	72.6	72.4	72.2	71.8	71.5	71.1	70.9
Agriculture	2,409	2,349	2,352	2,419	2,390	2,379	2,383	2,422	2,383	2,413	2,382	2,311	2,390
Nonagricultural industries	50,933	51,034	51,266	51,401	51,494	51,218	51,491	51,369	51,310	51,091	50,972	50,811	50,657
Unemployed	3,461	3,533	3,410	3,337	3,595	3,497	3,298	3,459	3,569	3,851	4,101	4,343	4,322
Unemployment rate	6.1	6.0	6.0	5.8	6.3	6.1	5.8	6.0	6.2	6.7	7.1	7.6	7.5
Not in labor force	15,047	15,035	15,009	14,985	14,772	15,265	15,300	15,309	15,408	15,440	15,462	15,555	15,752
Females, 20 years and over													
Total noninstitutional population [1]	80,997	81,107	81,221	81,338	81,453	81,593	81,711	81,822	81,946	82,078	82,193	82,306	82,415
Civilian noninstitutional population [1]	80,856	80,966	81,076	81,193	81,309	81,434	81,561	81,671	81,792	81,920	82,038	82,151	82,260
Civilian labor force	41,833	41,974	42,152	42,332	42,608	42,581	42,682	42,666	42,348	42,831	42,987	42,888	42,868
Percent of civilian population	51.7	51.8	52.0	52.1	52.4	52.3	52.3	52.2	51.8	52.3	52.4	52.2	52.1
Employed	39,029	39,211	39,365	39,536	39,737	39,757	39,810	39,841	39,626	39,814	39,878	39,713	39,764
Percent of total population	48.2	48.3	48.5	48.6	48.8	48.7	48.7	48.7	48.1	48.5	48.5	48.3	48.2
Agriculture	626	616	610	609	605	585	590	609	608	596	635	572	649
Nonagricultural industries	38,403	38,595	38,755	38,927	39,132	39,172	39,220	39,232	38,818	39,218	39,243	39,141	39,115
Unemployed	2,804	2,763	2,787	2,796	2,871	2,824	2,872	2,825	2,918	3,017	3,109	3,175	3,104
Unemployment rate	6.7	6.6	6.6	6.6	6.7	6.6	6.7	6.6	6.9	7.0	7.2	7.4	7.2
Not in labor force	39,023	38,992	38,924	38,861	38,700	38,853	38,879	39,005	39,448	39,089	39,051	39,263	39,392
Both sexes, 16-19 years													
Total noninstitutional population [1]	16,721	16,686	16,650	16,615	16,579	16,544	16,510	16,469	16,429	16,390	16,351	16,310	16,269
Civilian noninstitutional population [1]	16,397	16,363	16,341	16,305	16,270	16,249	16,213	16,169	16,131	16,093	16,037	15,985	15,955
Civilian labor force	9,287	9,244	9,184	9,288	9,206	8,759	8,834	8,902	8,888	8,926	8,926	8,631	8,643
Percent of civilian population	56.6	56.5	56.2	57.0	56.6	53.9	54.5	55.1	55.1	55.8	55.6	54.0	54.2
Employed	7,530	7,475	7,423	7,522	7,424	7,076	7,180	7,208	7,139	7,025	6,940	6,778	6,771
Percent of total population	45.0	44.8	44.6	45.3	44.8	42.8	43.5	43.8	43.5	42.9	42.4	41.6	41.6
Agriculture	410	381	381	442	410	384	369	373	367	369	355	326	373
Nonagricultural industries	7,120	7,094	7,042	7,080	7,014	6,692	6,811	6,835	6,772	6,656	6,585	6,452	6,398
Unemployed	1,757	1,769	1,761	1,766	1,782	1,683	1,654	1,694	1,749	1,901	1,986	1,853	1,872
Unemployment rate	18.9	19.1	19.2	19.0	19.4	19.2	18.7	19.0	19.7	20.4	21.4	21.5	21.7
Not in labor force	7,110	7,119	7,157	7,017	7,069	7,490	7,379	7,267	7,243	7,267	7,211	7,364	7,312

[1] The population and Armed Forces figures are not adjusted for seasonal variations.

NOTE: Pre-1982 data in this table have been revised. See article in this issue for additional information.

NOTE: Detail for the household data shown in tables A-33 through A-42 will not necessarily add to totals, because of the independent seasonal adjustment of the various series.

A-34. Full- and part-time status of the civilian labor force, seasonally adjusted

(Numbers in thousands)

Full- and part-time status	1981												1982
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
FULL TIME													
Total, 16 years and over	92,448	92,209	92,549	92,825	93,324	92,526	92,971	92,778	92,891	93,359	93,607	93,856	93,129
Civilian labor force	85,837	85,672	85,996	86,383	86,693	85,949	86,606	86,378	86,044	86,155	86,062	85,729	85,324
Employed	6,611	6,537	6,553	6,442	6,631	6,577	6,365	6,400	6,757	7,204	7,545	8,127	7,805
Unemployed	7.2	7.1	7.1	6.9	7.1	7.1	6.8	6.9	7.3	7.7	8.1	8.7	8.4
Unemployment rate													
PART TIME													
Total, 16 years and over	15,557	15,701	15,751	15,960	15,868	15,924	15,808	16,071	15,662	15,690	15,721	15,399	15,853
Civilian labor force	14,140	14,268	14,319	14,499	14,350	14,462	14,337	14,525	14,160	14,198	14,125	13,982	14,337
Employed	1,417	1,433	1,432	1,861	1,518	1,462	1,471	1,546	1,502	1,492	1,596	1,417	1,515
Unemployed	9.1	9.1	9.1	9.2	9.6	9.2	9.3	9.6	9.6	9.5	10.2	9.2	9.6
Unemployment rate													

NOTE: Persons on part-time schedules for economic reasons are included in the full-time employed category; unemployed persons are allocated by whether seeking full- or part-time work.

NOTE: Pre-1982 data in this table have been revised. See article in this issue for additional information.

A-35. Employment status by race, sex, and age, seasonally adjusted

(Numbers in thousands)

Race, sex, and age	1981												1982
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
WHITE													
Total, 16 years and over	94,332	94,552	94,756	95,190	95,666	94,887	95,126	95,163	94,884	95,365	95,535	95,329	95,120
Civilian labor force	88,101	88,388	88,653	89,080	89,237	88,799	89,170	89,221	88,628	88,734	88,690	88,010	87,955
Employed	6,231	6,164	6,103	6,119	6,429	6,088	5,956	5,982	6,256	6,631	7,037	7,319	7,165
Unemployed	6.6	6.5	6.4	6.8	6.7	6.4	6.3	6.2	6.6	7.0	7.4	7.7	7.5
Unemployment rate													
Males, 20 years and over	50,300	50,349	50,505	50,718	50,920	50,633	50,698	50,701	50,712	50,811	50,881	50,948	50,757
Civilian labor force	47,547	47,633	47,814	48,070	48,092	47,939	48,157	48,050	47,948	47,790	47,649	47,449	47,410
Employed	2,753	2,711	2,691	2,688	2,828	2,694	2,541	2,651	2,764	3,021	3,232	3,499	3,347
Unemployed	5.5	5.4	5.3	5.2	5.6	5.3	5.0	5.2	5.5	5.9	6.4	6.9	6.6
Unemployment rate													
Females, 20 years and over	35,852	35,978	36,106	36,278	36,597	36,490	36,612	36,658	36,238	36,742	36,832	36,733	36,648
Civilian labor force	33,731	33,939	34,061	34,197	34,422	34,404	34,481	34,534	34,155	34,517	34,513	34,368	34,380
Employed	2,121	2,039	2,045	2,077	2,175	2,086	2,131	2,020	2,119	2,225	2,319	2,165	2,319
Unemployed	5.9	5.7	5.7	5.7	5.9	5.7	5.8	5.5	5.9	6.1	6.7	6.4	6.3
Unemployment rate													
Both sexes, 16 to 19 years	8,180	8,230	8,145	8,207	8,149	7,764	7,816	7,908	7,878	7,812	7,822	7,648	7,665
Civilian labor force	6,823	6,816	6,778	6,813	6,723	6,456	6,532	6,637	6,525	6,827	6,736	6,193	6,166
Employed	1,357	1,414	1,367	1,394	1,426	1,308	1,284	1,271	1,353	1,385	1,086	1,455	1,499
Unemployed	16.6	17.2	16.8	17.0	17.5	16.8	16.4	16.1	17.2	17.7	16.0	19.0	19.6
Unemployment rate													
BLACK AND OTHER													
Total, 16 years and over	13,528	13,476	13,586	13,633	13,649	13,565	13,539	13,632	13,617	13,697	13,757	13,733	13,704
Civilian labor force	11,792	11,697	11,742	11,827	11,781	11,643	11,672	11,628	11,607	11,611	11,661	11,610	11,632
Employed	1,736	1,779	1,844	1,806	1,868	1,922	1,867	2,008	2,010	2,086	2,096	2,163	2,072
Unemployed	12.8	13.2	13.6	13.2	13.7	14.2	13.8	14.7	14.8	15.2	15.2	15.7	15.1
Unemployment rate													
Males, 20 years and over	6,457	6,477	6,517	6,498	6,547	6,479	6,484	6,556	6,551	6,577	6,595	6,614	6,563
Civilian labor force	5,786	5,766	5,800	5,796	5,779	5,682	5,722	5,745	5,715	5,711	5,694	5,647	5,630
Employed	671	711	717	702	768	797	762	811	836	862	901	967	933
Unemployed	10.4	11.0	11.0	10.8	11.7	12.3	11.8	12.4	12.8	13.1	13.7	14.6	14.2
Unemployment rate													
Females, 20 years and over	5,963	5,981	6,032	6,057	6,081	6,081	6,062	6,087	6,085	6,096	6,147	6,163	6,182
Civilian labor force	5,300	5,278	5,295	5,337	5,305	5,340	5,321	5,313	5,281	5,301	5,359	5,355	5,348
Employed	663	707	747	720	736	741	741	774	804	795	788	808	784
Unemployed	11.1	11.8	12.4	11.9	12.2	12.2	12.2	12.7	13.2	13.0	12.8	13.1	12.4
Unemployment rate													
Both sexes, 16 to 19 years	1,108	1,018	1,037	1,078	1,061	1,005	993	989	941	1,028	1,015	996	989
Civilian labor force	706	657	657	694	697	621	629	565	611	593	608	608	614
Employed	402	361	380	384	364	384	364	423	370	429	407	388	375
Unemployed	36.3	35.5	36.6	35.6	34.3	38.2	36.7	42.8	37.7	41.7	40.1	39.0	37.9
Unemployment rate													

NOTE: Pre-1982 data in this table have been revised. See article in this issue for additional information.

HOUSEHOLD DATA
SEASONALLY ADJUSTED

A-36. Major unemployment indicators, seasonally adjusted

[Unemployment rates]

Category	1981												1982
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
CHARACTERISTIC													
Total (all civilian workers)	7.4	7.4	7.3	7.3	7.5	7.4	7.2	7.3	7.6	8.0	8.3	8.8	8.5
Males, 20 years and over	6.1	6.0	6.0	5.8	6.3	6.1	5.8	6.0	6.2	6.7	7.1	7.9	7.5
Females, 20 years and over	6.7	6.6	6.6	6.6	6.7	6.6	6.7	6.6	6.9	7.0	7.2	7.4	7.2
Both sexes, 16-19 years	18.9	19.1	19.2	19.0	19.4	19.2	18.7	19.0	19.7	20.4	21.4	21.5	21.7
White	6.6	6.5	6.4	6.4	6.7	6.4	6.3	6.2	6.6	7.0	7.4	7.7	7.5
Black and other	12.8	13.2	13.6	13.2	13.7	14.2	13.8	14.7	14.8	15.2	15.2	15.7	15.1
Married men, spouse present	4.2	4.1	4.1	3.8	4.0	4.2	3.9	4.0	4.4	4.8	5.2	5.7	5.3
Married women, spouse present	6.0	5.8	5.9	5.9	5.8	5.7	5.7	5.5	6.0	6.1	6.5	6.6	6.2
Women who maintain families	10.3	9.8	9.6	9.9	10.4	10.7	11.2	10.1	10.7	10.6	10.8	10.5	10.4
Full-time workers	7.2	7.1	7.1	6.9	7.1	7.1	6.8	6.9	7.3	7.7	8.1	8.7	8.4
Part-time workers	9.1	9.1	9.1	9.2	9.6	9.2	9.3	9.6	9.6	9.5	10.2	9.2	9.6
Unemployed 15 weeks and over[1]	2.2	2.1	2.1	2.0	2.0	2.2	2.0	2.0	2.1	2.1	2.2	2.2	2.2
Labor force time lost[2]	8.3	8.2	8.2	8.2	8.6	7.9	7.9	7.9	8.5	9.1	9.5	10.1	10.0
OCCUPATION													
White-collar workers	3.9	3.8	3.9	4.0	4.0	3.9	4.0	3.9	4.1	4.1	4.2	4.5	4.2
Professional and technical	2.8	2.6	2.7	3.1	2.8	2.8	2.8	2.9	2.8	2.6	2.7	3.4	2.9
Managers and administrators, except farm	2.5	2.5	2.5	2.4	2.6	2.7	2.6	2.7	2.7	2.8	3.0	3.1	2.7
Sales workers	4.3	4.1	4.1	4.2	4.6	4.3	4.9	4.7	5.0	4.9	5.0	4.9	4.5
Clerical workers	5.6	5.4	5.7	5.6	5.6	5.4	5.7	5.7	5.8	6.0	6.0	6.2	6.3
Blue-collar workers	10.2	10.2	10.0	9.7	9.9	9.8	9.5	9.5	10.2	10.9	11.8	12.7	12.5
Craft and kindred workers	6.9	7.1	7.1	6.8	7.2	7.1	6.9	7.0	7.7	8.3	8.5	9.3	9.0
Operatives, except transport	12.2	12.1	11.7	11.6	11.8	11.1	11.1	11.1	11.6	12.9	14.1	15.5	15.4
Transport equipment operatives	9.1	8.6	9.1	8.1	8.2	8.1	7.3	8.0	8.7	8.0	10.4	10.5	10.2
Nonfarm laborers	14.8	14.9	14.2	14.0	13.5	14.7	14.4	13.2	14.6	15.6	16.0	16.9	16.9
Service workers	8.2	8.7	8.3	8.5	9.4	8.9	8.0	8.9	9.0	9.3	9.7	9.6	9.2
Farm workers	5.0	4.9	5.2	3.9	5.2	6.2	4.8	5.4	4.0	6.2	6.2	6.4	6.9
INDUSTRY													
Nonagricultural private wage and salary workers[3]	7.6	7.6	7.5	7.3	7.7	7.4	7.2	7.3	7.7	8.1	8.4	9.1	8.8
Construction	13.7	13.7	14.7	14.5	15.7	16.1	15.2	16.2	16.3	17.6	17.8	18.1	18.7
Manufacturing	8.5	8.5	8.1	7.6	7.8	7.4	7.3	7.0	7.9	8.6	9.4	11.0	10.4
Durable goods	8.4	8.7	8.0	7.5	7.4	7.1	7.1	6.5	7.7	8.6	9.5	11.8	11.0
Nondurable goods	8.5	8.3	8.3	7.8	8.6	7.9	7.6	7.9	8.3	8.6	9.3	9.6	9.5
Transportation	5.5	5.4	6.1	5.5	5.7	4.9	4.1	4.8	4.2	4.8	5.5	6.0	6.4
Wholesale and retail trade	7.7	7.7	7.6	7.5	8.3	7.7	7.9	7.9	8.5	8.4	8.6	8.9	8.7
Finance and service industries	5.8	5.9	5.6	5.8	5.8	5.8	5.7	5.7	6.0	6.2	6.1	6.4	5.9
Government workers	4.4	4.3	4.6	4.7	4.7	4.6	4.6	4.5	4.7	4.7	5.2	5.0	4.8
Agricultural wage and salary workers	11.5	11.9	12.1	9.4	11.0	13.3	10.7	12.0	11.0	13.4	14.1	14.8	16.2

[1] Unemployment as a percent of the civilian labor force.

[2] Aggregate hours lost by the unemployed and persons on part time for economic reasons as a percent of potentially available labor force hours.

[3] Includes mining, not shown separately.

A-37. Unemployed persons by duration of unemployment, seasonally adjusted

[Numbers in thousands]

Weeks of unemployment	1981												1982
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
DURATION													
Less than 5 weeks	3,290	3,267	3,277	3,189	3,378	3,303	3,323	3,326	3,529	3,707	3,852	4,037	3,852
5 to 14 weeks	2,329	2,379	2,408	2,472	2,606	2,423	2,312	2,469	2,585	2,686	2,882	3,016	3,068
15 weeks and over	2,391	2,322	2,269	2,187	2,231	2,363	2,170	2,217	2,248	2,292	2,364	2,372	2,399
15 to 26 weeks	1,123	1,072	1,057	1,048	1,061	1,227	1,096	1,078	1,146	1,166	1,229	1,189	1,210
27 weeks and over	1,268	1,250	1,212	1,139	1,170	1,136	1,074	1,139	1,102	1,126	1,135	1,183	1,190
Average (mean) duration, in weeks	14.4	14.1	13.9	13.7	13.3	14.3	14.1	14.3	13.7	13.6	13.1	12.8	13.5
Median duration, in weeks	7.4	7.0	7.1	7.6	7.3	6.7	7.0	7.0	6.9	6.8	6.9	6.7	7.2
PERCENT DISTRIBUTION													
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5 weeks	41.1	41.0	41.2	40.6	41.1	40.8	42.6	41.5	42.2	42.7	42.3	42.8	41.3
5 to 14 weeks	29.0	29.9	30.3	31.5	31.7	30.0	29.6	30.8	30.9	30.9	31.7	32.0	32.9
15 weeks and over	29.9	29.1	28.5	27.9	27.2	29.2	27.8	27.7	26.9	26.4	26.0	25.2	25.7
15 to 26 weeks	14.0	13.5	13.3	13.4	12.9	15.2	14.0	13.5	13.7	13.4	13.5	12.6	13.0
27 weeks and over	15.8	15.7	15.2	14.5	14.2	14.0	13.8	14.2	13.2	13.0	12.5	12.6	12.8

NOTE: Pre-1982 data in these tables have been revised. See article in this issue for additional information.

A-38. Unemployment rates by sex and age, seasonally adjusted

Sex and age	1981												1982
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
Total, 16 years and over	7.4	7.4	7.3	7.3	7.5	7.4	7.2	7.3	7.6	8.0	8.3	8.8	8.5
16 to 19 years	18.9	19.1	19.2	19.0	19.4	19.2	18.7	19.0	19.7	20.4	21.0	21.5	21.7
16 to 17 years	20.9	21.3	21.4	21.6	21.3	22.6	19.8	20.8	21.4	21.5	22.6	21.9	21.9
18 to 19 years	17.4	17.7	17.6	17.2	17.7	17.5	17.8	17.6	18.5	20.0	20.5	21.2	21.3
20 to 24 years	11.9	11.9	11.8	12.0	12.6	12.1	11.5	12.1	12.3	12.7	13.0	13.5	13.5
25 years and over	5.3	5.2	5.2	5.1	5.2	5.3	5.2	5.2	5.4	5.7	6.0	6.5	6.3
25 to 54 years	5.7	5.6	5.6	5.4	5.6	5.6	5.5	5.5	5.8	6.2	6.5	6.9	6.7
55 years and over	3.5	3.5	3.6	3.4	3.4	3.5	3.5	3.5	3.8	3.8	3.9	4.1	4.2
Men, 16 years and over	7.2	7.2	7.1	6.9	7.3	7.2	6.7	7.1	7.1	7.7	8.3	9.0	8.6
16 to 19 years	20.0	20.0	19.8	19.5	20.0	20.0	18.8	19.8	19.9	20.1	21.8	22.3	22.1
16 to 17 years	22.5	22.1	21.7	22.5	22.3	24.0	19.9	21.5	21.5	21.1	22.7	22.6	23.0
18 to 19 years	18.3	18.5	18.5	17.4	18.0	18.2	17.9	18.3	18.7	19.3	21.0	22.2	21.4
20 to 24 years	12.9	12.9	13.0	13.0	13.8	12.9	11.6	12.9	13.1	13.8	14.4	14.8	14.9
25 years and over	4.9	4.9	4.8	4.6	4.7	5.0	4.7	4.9	5.0	5.5	5.9	6.3	6.3
25 to 54 years	5.2	5.2	5.1	4.9	5.1	5.2	5.0	5.2	5.5	5.9	6.3	6.9	6.7
55 years and over	3.4	3.3	3.3	3.2	3.4	3.4	3.4	3.4	3.5	3.7	3.7	4.4	4.3
Women, 16 years and over	7.7	7.7	7.7	7.7	7.8	7.7	7.8	7.7	8.0	8.2	8.4	8.5	8.4
16 to 19 years	17.7	18.2	18.5	18.4	18.7	18.4	18.6	18.2	19.5	20.7	20.9	20.5	21.2
16 to 17 years	19.1	20.3	21.2	20.5	20.2	21.1	19.7	20.0	21.2	21.9	22.5	21.1	20.6
18 to 19 years	16.3	16.9	16.6	17.1	17.4	16.8	17.7	16.9	18.3	20.6	19.8	20.0	21.1
20 to 24 years	10.9	10.9	10.5	10.9	11.2	11.2	11.3	11.1	11.8	11.5	11.3	12.0	11.9
25 years and over	5.8	5.6	5.8	5.7	5.8	5.7	5.8	5.6	6.0	6.1	6.4	6.4	6.3
25 to 54 years	6.3	6.0	6.2	6.1	6.4	6.1	6.1	6.0	6.1	6.5	6.8	6.9	6.7
55 years and over	3.6	3.8	4.2	3.7	3.4	3.5	3.7	3.7	4.3	4.0	3.8	3.7	4.1

NOTE: Pre-1982 data in this table have been revised. See article in this issue for additional information.

A-39. Unemployed persons by reason for unemployment, seasonally adjusted

(Numbers in thousands)

Reason for unemployment	1981												1982
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
NUMBER OF UNEMPLOYED													
Both sexes, 16 years and over	3,982	4,050	3,989	3,958	4,032	4,[illegible]	3,867	4,[illegible]06	4,426	4,571	4,995	5,343	5,205
Job losers	1,305	1,312	1,323	1,303	1,357	1,402	1,225	1,276	1,452	1,631	1,826	2,042	1,863
On layoff	2,677	2,738	2,666	2,655	2,675	2,871	2,642	2,830	2,974	2,942	3,079	3,301	3,345
Other job losers	923	911	901	903	1,004	896	926	879	921	976	916	923	835
Job leavers	2,051	2,029	2,069	2,044	2,106	2,039	2,078	2,334	2,058	2,174	2,339	2,244	2,074
Reentrants	1,015	983	989	988	956	973	940	971	977	1,002	996	1,021	1,055
New entrants													
PERCENT DISTRIBUTION													
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers	50.0	51.1	50.2	50.1	49.8	51.6	49.5	51.4	53.8	53.4	53.6	56.1	56.7
On layoff	16.4	16.6	16.6	16.5	16.8	16.1	15.7	16.0	17.1	18.7	19.9	21.4	20.3
Other job losers	33.6	34.6	33.5	33.6	33.0	35.5	33.8	35.4	35.5	33.7	33.6	34.6	36.5
Job leavers	11.6	11.5	11.3	11.4	12.4	11.1	11.9	11.0	11.0	11.2	10.0	9.7	9.1
Reentrants	25.7	25.5	26.0	25.9	26.0	25.2	26.6	25.5	28.6	25.0	25.5	23.5	22.7
New entrants	12.7	11.9	12.4	12.5	11.8	12.0	12.0	12.2	11.7	11.5	10.9	10.7	11.5
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE													
Job losers	3.7	3.7	3.7	3.6	3.7	3.8	3.6	3.8	4.1	4.2	4.5	4.9	4.8
Job leavers	.9	.8	.8	.8	.9	.9	.9	.8	.8	.9	.8	.8	.8
Reentrants	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.1	2.1	1.9
New entrants	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	1.0

NOTE: Pre-1982 data in this table have been revised. See article in this issue for additional information.

HOUSEHOLD DATA
SEASONALLY ADJUSTED

A-40. Employed persons by sex and age, seasonally adjusted

(In thousands)

Sex and age	1981											1982
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
Total, 16 years and over	99,981	100,069	100,406	100,878	101,085	100,430	100,864	100,840	100,258	100,343	100,172	99,613	99,581
16 to 19 years	7,530	7,475	7,423	7,522	7,828	7,076	7,180	7,208	7,139	7,025	6,940	6,778	6,771
16 to 17 years	3,007	2,997	2,976	3,012	2,949	2,709	2,835	2,880	2,836	2,769	2,768	2,703	2,705
18 to 19 years	4,513	4,477	4,453	4,496	4,884	4,350	4,326	4,345	4,326	4,260	4,192	4,088	4,065
20 to 24 years	14,172	14,137	14,166	14,178	14,178	14,094	14,264	14,198	14,086	14,078	13,970	13,935	13,816
25 years and over	78,180	78,424	78,807	79,180	79,462	79,330	79,468	79,453	79,028	79,228	79,202	78,881	78,960
25 to 54 years	63,777	63,940	64,286	64,565	64,798	64,754	64,930	65,014	64,676	64,829	64,868	64,567	64,722
55 years and over	14,427	14,474	14,552	14,596	14,640	14,542	14,535	14,471	14,372	14,377	14,337	14,332	14,282
Males, 16 years and over	57,323	57,331	57,531	57,792	57,793	57,279	57,640	57,551	57,471	57,266	57,351	56,725	56,629
16 to 19 years	3,981	3,948	3,913	3,972	3,909	3,682	3,766	3,760	3,778	3,762	3,697	3,603	3,582
16 to 17 years	1,597	1,605	1,577	1,582	1,583	1,412	1,498	1,501	1,533	1,522	1,495	1,448	1,446
18 to 19 years	2,372	2,347	2,343	2,374	2,379	2,260	2,261	2,257	2,266	2,241	2,238	2,163	2,139
20 to 24 years	7,523	7,506	7,532	7,521	7,531	7,483	7,646	7,562	7,523	7,449	7,373	7,380	7,321
25 years and over	45,800	45,883	46,097	46,300	46,376	46,168	46,253	46,244	46,169	46,046	45,940	45,709	45,686
25 to 54 years	37,041	37,038	37,274	37,452	37,560	37,446	37,507	37,565	37,519	37,406	37,368	37,092	37,127
55 years and over	8,775	8,792	8,825	8,841	8,814	8,729	8,736	8,679	8,658	8,621	8,590	8,606	8,582
Females, 16 years and over	42,578	42,738	42,875	43,086	43,292	43,151	43,224	43,289	42,787	43,077	43,171	42,888	42,952
16 to 19 years	3,549	3,527	3,510	3,550	3,919	3,394	3,414	3,448	3,361	3,263	3,243	3,175	3,189
16 to 17 years	1,410	1,392	1,399	1,430	1,366	1,297	1,337	1,379	1,303	1,247	1,273	1,255	1,259
18 to 19 years	2,141	2,130	2,110	2,122	2,705	2,090	2,065	2,088	2,060	2,019	1,968	1,925	1,931
20 to 24 years	6,649	6,633	6,638	6,657	6,647	6,611	6,618	6,632	6,563	6,629	6,597	6,555	6,495
25 years and over	32,380	32,581	32,710	32,880	33,088	33,162	33,211	33,209	32,868	33,182	33,262	33,172	33,274
25 to 54 years	26,736	26,902	26,972	27,113	27,238	27,306	27,423	27,489	27,157	27,423	27,504	27,475	27,595
55 years and over	5,652	5,682	5,727	5,755	5,826	5,813	5,799	5,792	5,718	5,758	5,747	5,724	5,731

NOTE: Pre-1982 data in this table have been revised. See article in this issue for additional information.

A-41. Unemployed persons by sex and age, seasonally adjusted

(In thousands)

Sex and age	1981											1982
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
Total, 16 years and over	8,022	7,965	7,958	7,899	8,248	8,004	7,824	7,978	8,236	8,669	9,100	9,571	9,298
16 to 19 years	1,757	1,769	1,761	1,766	1,782	1,683	1,654	1,694	1,749	1,801	1,886	1,853	1,872
16 to 17 years	796	810	812	828	799	791	699	746	772	757	808	769	760
18 to 19 years	948	961	952	937	984	924	938	931	983	1,062	1,080	1,096	1,098
20 to 24 years	1,922	1,916	1,896	1,939	2,047	1,942	1,847	1,949	1,972	2,058	2,099	2,168	2,161
25 years and over	4,355	4,309	4,343	4,213	4,331	4,398	4,324	4,328	4,540	4,828	5,091	5,881	5,282
25 to 54 years	3,836	3,768	3,793	3,683	3,871	3,845	3,786	3,819	4,010	4,255	4,536	4,804	4,649
55 years and over	516	526	549	509	509	522	534	526	572	574	562	620	624
Males, 16 years and over	4,456	4,419	4,375	4,300	4,571	4,415	4,171	4,385	4,506	4,798	5,133	5,578	5,338
16 to 19 years	995	986	965	963	976	918	873	926	937	947	1,029	1,035	1,016
16 to 17 years	463	455	436	459	442	445	372	411	421	408	438	428	433
18 to 19 years	530	532	531	499	521	502	494	505	521	537	587	616	581
20 to 24 years	1,111	1,108	1,121	1,122	1,206	1,106	1,005	1,120	1,131	1,194	1,245	1,278	1,284
25 years and over	2,364	2,360	2,321	2,237	2,280	2,405	2,292	2,361	2,455	2,670	2,839	3,199	3,055
25 to 54 years	2,051	2,042	2,020	1,927	2,001	2,065	1,990	2,067	2,173	2,366	2,522	2,762	2,662
55 years and over	306	303	298	289	307	311	310	303	317	333	333	397	383
Females, 16 years and over	3,566	3,546	3,583	3,599	3,677	3,589	3,653	3,593	3,730	3,871	3,967	3,993	3,960
16 to 19 years	762	783	796	803	806	765	781	768	812	854	858	818	856
16 to 17 years	333	355	376	369	357	346	327	335	351	349	370	335	327
18 to 19 years	418	429	421	438	483	422	454	426	462	525	493	482	517
20 to 24 years	811	808	775	817	841	836	842	829	841	860	843	890	877
25 years and over	1,991	1,949	2,022	1,976	2,051	1,993	2,032	1,967	2,085	2,158	2,257	2,282	2,228
25 to 54 years	1,785	1,726	1,773	1,756	1,870	1,780	1,796	1,752	1,837	1,909	2,018	2,042	1,987
55 years and over	210	223	251	220	202	211	224	223	255	241	229	223	241

NOTE: Pre-1982 data in this table have been revised. See article in this issue for additional information.

A-42 Employed persons by selected social and economic categories, seasonally adjusted

(In thousands)

Category	1981												1982
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
CHARACTERISTIC													
Total, 16 years and over	99,401	100069	100406	100878	101085	100430	100864	100840	100258	100343	100172	99,613	99,581
Married men, spouse present	38,959	38,984	39,036	39,196	39,120	38,930	38,961	38,961	38,855	38,746	38,553	38,342	38,234
Married women, spouse present	23,806	23,824	23,920	23,979	24,192	24,106	24,159	24,093	23,626	23,874	23,820	23,691	23,744
OCCUPATION													
White-collar workers	52,662	52,739	52,860	52,855	53,016	52,957	52,907	53,181	52,908	53,199	53,086	53,088	52,836
Professional and technical	16,270	16,185	16,219	16,178	16,093	16,410	16,364	16,621	16,598	16,681	16,657	16,774	16,803
Managers and administrators, except farm	11,561	11,629	11,725	11,616	11,488	11,411	11,578	11,460	11,533	11,616	11,461	11,424	11,091
Sales workers	6,384	6,397	6,372	6,298	6,562	6,513	6,373	6,490	6,441	6,500	6,418	6,450	6,520
Clerical workers	18,447	18,528	18,548	18,771	18,873	18,623	18,592	18,570	18,336	18,502	18,550	18,436	18,423
Blue-collar workers	31,151	31,193	31,288	31,685	31,796	31,538	31,580	31,611	31,266	30,953	30,683	30,344	30,203
Craft and kindred workers	12,621	12,684	12,826	12,825	12,911	12,749	12,787	12,724	12,514	12,486	12,411	12,446	12,370
Operatives, except transport	10,586	10,618	10,668	10,691	10,716	10,703	10,719	10,658	10,524	10,410	10,220	10,169	9,966
Transport equipment operatives	3,825	3,886	3,887	3,883	3,866	3,893	3,926	3,930	3,906	3,880	3,838	3,768	3,815
Nonfarm laborers	4,519	4,485	4,551	4,686	4,703	4,593	4,548	4,699	4,722	4,517	4,614	4,361	4,451
Service workers	13,250	13,347	13,478	13,469	13,470	13,218	13,526	13,282	13,391	13,525	13,670	13,639	13,709
Farm workers	2,786	2,728	2,730	2,826	2,788	2,710	2,727	2,753	2,743	2,770	2,802	2,660	2,817
MAJOR INDUSTRY AND CLASS OF WORKER													
Agriculture	1,505	1,389	1,391	1,560	1,499	1,437	1,495	1,501	1,861	1,502	1,836	1,352	1,377
Wage and salary workers	1,650	1,637	1,638	1,661	1,654	1,664	1,593	1,638	1,683	1,631	1,681	1,602	1,674
Self-employed workers	284	305	299	286	235	263	284	256	256	261	321	228	380
Unpaid family workers													
Nonagricultural industries	89,005	89,104	89,592	89,513	90,402	89,508	89,971	89,995	89,376	89,460	89,238	88,991	88,759
Wage and salary workers	15,988	15,875	15,930	15,885	15,776	15,707	15,637	15,526	15,875	15,491	15,397	15,585	15,578
Government	73,017	73,229	73,662	74,028	74,626	73,801	74,334	74,469	73,501	73,969	73,841	73,406	73,181
Private industries	1,214	1,190	1,242	1,249	1,192	1,177	1,216	1,259	1,132	1,162	1,208	1,291	1,248
Private households	73,803	72,039	72,420	72,779	73,434	72,624	73,118	73,210	72,799	72,807	72,637	72,115	71,932
Other industries	7,028	7,080	7,065	7,150	6,966	7,128	7,071	7,103	7,217	7,152	7,141	7,057	6,971
Self-employed workers	421	384	374	225	356	376	389	387	399	451	425	410	410
Unpaid family workers													
PERSONS AT WORK													
Nonagricultural industries	91,322	91,287	91,405	91,098	91,745	91,500	92,532	91,569	90,879	91,384	91,323	90,922	90,125
Full time schedules	74,387	74,482	74,453	74,259	74,871	74,693	75,620	74,867	73,798	73,886	73,915	73,360	72,803
Part time for economic reasons	4,451	4,227	4,290	4,200	4,264	4,033	4,374	4,350	4,656	5,009	5,026	5,288	5,071
Usually work full time	1,686	1,650	1,660	1,593	1,657	1,965	1,680	1,729	1,759	2,006	1,945	2,121	1,781
Usually work part time	2,763	2,577	2,630	2,607	2,607	2,568	2,694	2,621	2,897	3,003	3,081	3,167	3,287
Part time for noneconomic reasons	12,484	12,578	12,662	12,635	12,610	12,774	12,538	12,752	12,828	12,889	12,382	12,274	12,251

NOTE: Pre 1982 data in this table have been revised. See article in this issue for additional information.

HOUSEHOLD DATA

A-43. Employment status of male Vietnam-era veterans and nonveterans by age

(Numbers in thousands)

Veteran status and age	Not seasonally adjusted									
	Civilian noninstitutional population		Civilian labor force							
			Total		Employed		Unemployed			
							Number		Percent of labor force	
	Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982
VETERANS										
Total, 25 years and over	8,985	8,660	7,996	8,165	7,488	7,671	508	494	6.4	6.0
25 to 39 years	7,325	7,264	7,034	6,938	6,565	6,315	469	623	6.7	9.0
25 to 29 years	1,589	1,352	1,474	1,259	1,317	1,080	157	179	10.7	13.7
30 to 34 years	3,477	3,129	3,378	2,991	3,148	2,729	222	262	6.6	8.8
35 to 39 years	2,259	2,783	2,190	2,693	2,100	2,506	90	187	4.1	6.9
40 years and over	1,120	1,396	962	1,227	923	1,156	39	71	4.1	5.8
NONVETERANS										
Total, 25 to 39 years	16,772	17,738	15,852	16,738	14,689	15,232	1,163	1,502	7.3	9.0
25 to 29 years	7,710	8,025	7,246	7,603	6,598	6,859	648	826	8.9	11.0
30 to 34 years	5,185	5,747	4,917	5,476	4,592	5,062	325	414	6.6	7.6
35 to 39 years	3,877	3,966	3,689	3,775	3,499	3,511	190	264	5.2	7.0

NOTE: Vietnam-era veterans are males who served in the Armed Forces between August 5, 1964 and May 7, 1975. Nonveterans are males who have never served in the Armed Forces. published data are limited to those 25 to 39 years of age, the group that most closely corresponds to the bulk of the Vietnam-era veteran population.

NOTE: 1982 data in this table reflect the introduction of 1980 census population c trols into the estimation process, and 1981 data have been revised. See article on t issue for additional information.

B-1. Employees on nonagricultural payrolls by industry division, 1930 to date

(In thousands)

Year and month	Total	Goods producing				Service producing								Government		
		Total	Mining	Construction	Manufacturing	Total	Transportation and public utilities	Wholesale and retail trade			Finance, insurance, and real estate	Services		Total	Federal	State and local
								Total	Wholesale trade	Retail trade						
Annual averages																
1930	29,409	11,958	1,009	1,387	9,562	17,451	3,685	5,797	-	-	1,460	3,361	3,148	526	2,622
1931	26,635	10,272	873	1,229	8,170	16,363	3,254	5,284	-	-	1,392	3,169	3,264	560	2,704
1932	23,615	8,647	731	985	6,931	14,968	2,816	4,683	-	-	1,326	2,914	3,225	559	2,666
1933	23,699	8,965	744	824	7,397	14,734	2,672	4,755	-	-	1,280	2,861	3,166	565	2,601
1934	25,940	10,261	883	877	8,501	15,679	2,750	5,281	-	-	1,304	3,045	3,299	652	2,647
1935	27,039	10,893	897	927	9,069	16,146	2,786	5,431	-	-	1,320	3,128	3,481	753	2,728
1936	29,068	11,933	946	1,160	9,827	17,135	2,973	5,809	-	-	1,373	3,312	3,668	826	2,842
1937	31,011	12,936	1,015	1,127	10,794	18,075	3,134	6,265	-	-	1,417	3,503	3,756	833	2,923
1938	29,194	11,401	891	1,070	9,440	17,793	2,863	6,179	-	-	1,410	3,458	3,883	829	3,054
1939	30,603	12,297	854	1,165	10,278	18,306	2,936	6,426	1,742	4,684	1,447	3,502	3,995	905	3,090
1940	32,361	13,221	925	1,311	10,985	19,140	3,038	6,750	1,835	4,914	1,485	3,665	4,202	996	3,206
1941	35,539	15,963	957	1,814	13,192	20,574	3,274	7,210	1,960	5,251	1,525	3,905	4,660	1,340	3,320
1942	40,106	18,470	992	2,198	15,280	21,636	3,460	7,118	1,906	5,212	1,509	4,066	5,483	2,213	3,270
1943	42,434	20,114	925	1,587	17,602	22,320	3,647	6,982	1,822	5,160	1,481	4,130	6,080	2,905	3,175
1944	41,864	19,328	892	1,108	17,328	22,536	3,829	7,058	1,845	5,214	1,461	4,145	6,043	2,928	3,116
1945	40,374	17,507	836	1,147	15,524	22,867	3,906	7,314	1,949	5,365	1,481	4,222	5,944	2,808	3,137
1946	41,652	17,248	862	1,683	14,703	24,404	4,061	8,376	2,291	6,084	1,675	4,697	5,595	2,254	3,341
1947	43,857	18,509	955	2,009	15,545	25,348	4,166	8,955	2,471	6,485	1,728	5,025	5,474	1,892	3,582
1948	44,866	18,774	994	2,198	15,582	26,092	4,189	9,272	2,605	6,667	1,800	5,181	5,650	1,863	3,787
1949	43,754	17,565	930	2,194	14,441	26,189	4,001	9,264	2,602	6,662	1,828	5,240	5,856	1,908	3,948
1950	45,197	18,506	901	2,364	15,241	26,691	4,034	9,386	2,635	6,751	1,888	5,357	6,026	1,928	4,098
1951	47,819	19,959	929	2,637	16,393	27,860	4,226	9,742	2,727	7,015	1,956	5,547	6,389	2,302	4,087
1952	48,793	20,198	898	2,668	16,632	28,595	4,248	10,004	2,812	7,192	2,035	5,699	6,609	2,420	4,188
1953	50,202	21,074	866	2,659	17,549	29,128	4,290	10,247	2,854	7,393	2,111	5,835	6,645	2,305	4,340
1954	48,990	19,751	791	2,646	16,314	29,239	4,084	10,235	2,867	7,368	2,200	5,969	6,751	2,188	4,563
1955	50,641	20,513	792	2,839	16,882	30,128	4,141	10,535	2,926	7,610	2,298	6,240	6,914	2,187	4,727
1956	52,369	21,104	822	3,039	17,243	31,266	4,244	10,858	3,018	7,840	2,389	6,497	7,278	2,209	5,069
1957	52,853	20,964	828	2,962	17,174	31,889	4,241	10,886	3,028	7,858	2,438	6,708	7,616	2,217	5,399
1958	51,324	19,513	751	2,817	15,945	31,811	3,976	10,750	2,980	7,770	2,481	6,765	7,839	2,191	5,648
1959[1]	53,268	20,411	732	3,004	16,675	32,857	4,011	11,127	3,082	8,045	2,549	7,087	8,083	2,233	5,850
1960	54,189	20,434	712	2,926	16,796	33,755	4,004	11,391	3,143	8,248	2,629	7,378	8,353	2,270	6,083
1961	53,999	19,857	672	2,859	16,326	34,142	3,903	11,337	3,133	8,204	2,688	7,620	8,594	2,279	6,315
1962	55,549	20,451	650	2,948	16,853	35,098	3,906	11,566	3,198	8,368	2,754	7,982	8,890	2,340	6,550
1963	56,653	20,640	635	3,010	16,995	36,013	3,903	11,778	3,248	8,530	2,830	8,277	9,225	2,358	6,868
1964	58,283	21,005	634	3,097	17,274	37,278	3,931	12,160	3,337	8,823	2,911	8,660	9,596	2,348	7,248
1965	60,765	21,926	632	3,232	18,062	38,839	4,036	12,716	3,466	9,250	2,977	9,036	10,074	2,378	7,696
1966	63,901	23,158	627	3,317	19,214	40,743	4,158	13,245	3,597	9,648	3,058	9,498	10,784	2,564	8,220
1967	65,803	23,308	613	3,248	19,447	42,495	4,268	13,606	3,689	9,917	3,185	10,045	11,391	2,719	8,672
1968	67,897	23,737	606	3,350	19,781	44,160	4,318	14,099	3,779	10,320	3,337	10,567	11,839	2,737	9,102
1969	70,384	24,361	619	3,575	20,167	46,023	4,442	14,705	3,907	10,798	3,512	11,169	12,195	2,758	9,437
1970	70,880	23,578	623	3,588	19,367	47,302	4,515	15,040	3,993	11,047	3,645	11,548	12,554	2,731	9,823
1971	71,214	22,935	609	3,704	18,623	48,278	4,476	15,352	4,001	11,351	3,772	11,797	12,881	2,696	10,185
1972	73,675	23,668	628	3,889	19,151	50,007	4,541	15,949	4,113	11,836	3,908	12,276	13,334	2,684	10,649
1973	76,790	24,893	642	4,097	20,154	51,897	4,656	16,607	4,277	12,329	4,046	12,857	13,732	2,663	11,068
1974	78,265	24,794	697	4,020	20,077	53,471	4,725	16,987	4,433	12,554	4,148	13,441	14,170	2,724	11,446
1975	76,945	22,600	752	3,525	18,323	54,345	4,542	17,060	4,415	12,645	4,165	13,892	14,686	2,748	11,937
1976	79,382	23,352	779	3,576	18,997	56,030	4,582	17,755	4,546	13,209	4,271	14,551	14,871	2,733	12,138
1977	82,471	24,346	813	3,851	19,682	58,125	4,713	18,516	4,708	13,808	4,467	15,303	15,127	2,727	12,399
1978	86,697	25,585	851	4,229	20,505	61,113	4,923	19,542	4,969	14,573	4,724	16,252	15,672	2,753	12,919
1979	89,823	26,461	958	4,463	21,040	63,363	5,136	20,192	5,204	14,989	4,975	17,112	15,947	2,773	13,174
1980	90,564	25,718	1,020	4,359	20,300	64,847	5,143	20,386	5,281	15,104	5,168	17,901	16,249	2,866	13,383
1981P	91,542	25,673	1,104	4,307	20,262	65,869	5,150	20,737	5,343	15,394	5,331	18,597	16,054	2,772	13,282
Monthly data, seasonally adjusted																
1981:																
January	91,091	25,647	1,083	4,390	20,174	65,444	5,124	20,529	5,305	15,224	5,268	18,300	16,223	2,799	13,424
February	91,258	25,657	1,091	4,389	20,177	65,601	5,135	20,600	5,313	15,287	5,283	18,343	16,240	2,795	13,445
March	91,387	25,705	1,098	4,416	20,191	65,682	5,139	20,635	5,316	15,319	5,293	18,371	16,204	2,781	13,423
April	91,458	25,700	950	4,418	20,332	65,758	5,161	20,636	5,333	15,303	5,316	18,475	16,170	2,767	13,403
May	91,564	25,705	957	4,334	20,414	65,859	5,148	20,714	5,346	15,368	5,326	18,540	16,131	2,779	13,352
June	91,615	25,818	1,110	4,284	20,424	65,797	5,149	20,717	5,349	15,368	5,331	18,560	16,040	2,781	13,259
July	91,880	25,939	1,132	4,272	20,535	65,941	5,167	20,796	5,360	15,436	5,344	18,642	15,992	2,777	13,215
August	91,901	25,931	1,151	4,275	20,505	65,970	5,170	20,862	5,375	15,487	5,354	18,667	15,917	2,770	13,147
September	92,033	25,930	1,162	4,272	20,496	66,103	5,186	20,872	5,370	15,502	5,366	18,774	15,905	2,765	13,140
October	91,832	25,662	1,162	4,259	20,241	66,170	5,168	20,916	5,360	15,556	5,360	18,788	15,938	2,759	13,179
November	91,522	25,418	1,172	4,229	20,017	66,104	5,147	20,838	5,363	15,475	5,355	18,838	15,926	2,748	13,178
December-P	91,096	25,117	1,176	4,191	19,750	65,979	5,109	20,725	5,337	15,388	5,367	18,848	15,930	2,738	13,192
1982:																
January-P	90,859	24,761	1,172	4,052	19,537	66,098	5,108	20,893	5,331	15,562	5,359	18,842	15,896	2,733	13,163

[1] Data include Alaska and Hawaii beginning 1959. This inclusion has resulted in an increase of 212,000 (0.4 percent) in the nonagricultural total for the March 1959 benchmark month.

P = preliminary

NOTE: Data from April 1980 forward are subject to revision when more recent benchmark data are introduced. See "Benchmark adjustment" in the Explanatory notes of this publication.

B-2. Employees on nonagricultural payrolls by industry

(In thousands)

1972 SIC Code	Industry	All employees					Production workers[1]				
		Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P	Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P
	TOTAL	91,750	89,988	92,293	91,915	89,781	–	–	–	–	–
	PRIVATE SECTOR	75,315	73,772	76,136	75,786	73,897	61,279	59,760	61,727	61,372	59,56
	MINING	1,060	1,066	1,170	1,167	1,154	785	787	862	858	84
10	METAL MINING	101.8	103.1	97.6	96.6	–	76.8	78.2	73.2	72.7	–
101	Iron ores	20.4	21.5	19.6	19.4	–	15.6	16.8	15.1	14.9	–
102	Copper ores	36.4	36.6	35.7	35.3	–	28.2	28.5	27.5	27.2	–
11, 12	COAL MINING										
12	BITUMINOUS COAL AND LIGNITE MINING	249.7	250.7	261.1	259.4	–	206.2	206.5	216.9	215.4	–
		246.2	247.3	257.6	256.0	–	203.1	203.4	213.8	212.3	–
13	OIL AND GAS EXTRACTION	590.5	602.1	693.9	698.9	–	410.9	419.6	482.7	485.1	–
131, 2	Crude petroleum, natural gas, and natural gas liquids	234.9	236.9	267.7	270.2	–	105.4	105.4	116.6	116.5	–
138	Oil and gas field services	355.6	365.2	426.2	428.7	–	305.5	314.2	366.1	368.6	–
14	NONMETALLIC MINERALS, EXCEPT FUELS	118.2	109.8	117.5	112.4	–	91.4	82.9	89.6	84.4	–
142	Crushed and broken stone	36.6	32.5	35.8	33.4	–	30.2	26.1	29.1	26.5	–
144	Sand and gravel	34.1	30.8	33.7	31.0	–	–	–	–	–	–
147	Chemical and fertilizer minerals	27.0	26.9	26.8	26.7	–	–	–	–	–	–
	CONSTRUCTION	4,343	3,995	4,369	4,153	3,691	3,392	3,053	3,413	3,200	2,737
15	GENERAL BUILDING CONTRACTORS	1,203.6	1,111.0	1,172.9	1,119.7	–	914.6	820.4	887.6	835.7	–
152	Residential building construction	592.7	545.5	586.1	553.8	–	435.2	386.9	427.1	396.2	–
153	Operative builders	63.2	61.1	53.5	51.9	–	35.9	33.6	29.3	27.2	–
154	Nonresidential building construction	547.7	504.4	533.3	514.0	–	443.5	399.9	431.2	412.3	–
16	HEAVY CONSTRUCTION CONTRACTORS	867.3	761.1	912.6	837.0	–	685.0	590.0	737.8	664.0	–
161	Highway and street construction	227.5	182.0	240.2	203.4	–	187.9	144.6	201.2	165.4	–
162	Heavy construction, except highway	639.8	579.1	672.4	633.6	–	497.1	445.4	536.2	498.6	–
17	SPECIAL TRADE CONTRACTORS	2,272.4	2,123.0	2,283.4	2,196.4	–	1,792.8	1,642.5	1,787.7	1,700.4	–
171	Plumbing, heating, air conditioning	548.5	539.6	549.5	539.8	–	411.3	401.3	406.2	397.1	–
172	Painting, paper hanging, decorating	135.8	119.8	142.5	131.6	–	112.9	96.1	118.2	107.6	–
173	Electrical work	421.7	411.6	421.3	416.0	–	327.9	317.0	326.1	320.5	–
174	Masonry, stonework, and plastering	362.1	334.3	357.7	343.6	–	311.1	282.9	302.7	288.6	–
175	Carpentering and flooring	127.1	119.3	122.9	117.3	–	96.1	87.9	90.4	84.7	–
176	Roofing and sheet metal work	171.6	146.3	181.2	171.2	–	138.6	116.0	147.4	136.7	–
	MANUFACTURING	20,238	20,075	20,122	19,918	19,449	14,126	13,975	13,904	13,601	13,295
24, 25, 32-39	DURABLE GOODS	12,147	12,072	11,999	11,799	11,582	8,374	8,305	8,153	7,953	7,774
20-23, 26, 31	NONDURABLE GOODS	8,091	8,003	8,123	8,019	7,867	5,752	5,670	5,751	5,648	5,521
	DURABLE GOODS										
24	LUMBER AND WOOD PRODUCTS	685.9	674.6	638.7	618.2	592.8	572.2	561.6	525.1	504.8	476.3
241	Logging camps and logging contractors	81.1	80.1	82.9	78.3	–	65.2	62.8	64.9	60.2	–
242	Sawmills and planing mills	211.0	207.6	191.7	188.1	–	186.2	182.9	168.1	164.3	–
2421	Sawmills and planing mills, general	175.4	171.8	158.4	155.8	–	155.2	151.9	139.4	136.2	–
2426	Hardwood dimension and flooring	30.5	30.5	28.6	28.2	–	26.4	26.3	24.5	24.1	–
243	Millwork, plywood, and structural members	207.2	205.9	185.8	180.5	–	171.2	170.3	150.8	145.8	–
2431	Millwork	72.4	72.2	64.6	63.4	–	58.3	58.1	50.9	49.4	–
2434	Wood kitchen cabinets	49.1	48.9	44.9	43.8	–	39.7	39.5	35.1	33.9	–
2435	Hardwood veneer and plywood	26.1	26.3	25.7	24.2	–	23.0	23.1	22.6	21.2	–
2436	Softwood veneer and plywood	43.2	42.8	37.1	36.2	–	37.9	37.9	32.8	32.0	–
244	Wood containers	41.6	41.4	40.0	39.2	–	36.0	35.7	33.7	32.8	–
245	Wood buildings and mobile homes	63.8	60.7	61.1	56.9	–	47.0	44.3	43.1	40.0	–
2451	Mobile homes	44.9	43.2	45.0	41.7	–	34.4	32.8	33.2	30.7	–
249	Miscellaneous wood products	80.2	78.9	77.2	75.2	–	66.6	65.6	64.5	61.7	–
25	FURNITURE AND FIXTURES	470.5	469.6	476.5	472.2	461.8	380.5	379.1	382.2	378.8	369.8
251	Household furniture	310.4	308.3	306.8	305.6	–	260.7	258.7	255.5	254.3	–
2511	Wood household furniture	140.7	139.9	138.4	138.1	–	122.4	121.5	119.7	119.2	–
2512	Upholstered household furniture	96.4	95.5	96.4	95.6	–	79.4	78.3	78.1	77.5	–
2514	Metal household furniture	30.8	30.9	30.6	30.9	–	24.9	25.3	24.7	25.0	–
2515	Mattresses and bedsprings	29.3	29.3	28.6	27.9	–	22.5	22.5	21.8	21.1	–
252	Office furniture	49.5	50.4	53.0	52.4	–	38.9	39.6	41.3	41.0	–
253	Public building and related furniture	23.5	23.5	25.3	25.0	–	17.3	17.4	19.0	18.8	–
254	Partitions and fixtures	60.1	60.3	62.2	60.6	–	44.8	44.7	46.3	44.9	–
259	Miscellaneous furniture and fixtures	27.0	27.1	29.2	28.6	–	18.8	18.7	20.1	19.8	–

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry — Continued

(In thousands)

1972 SIC Code	Industry	All employees					Production workers[1]				
		Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P	Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P
		652.3	635.0	641.2	618.4	590.7	502.7	486.4	491.9	470.4	444.1
32	STONE, CLAY, AND GLASS PRODUCTS	19.2	19.6	18.4	14.7	–	14.6	14.9	14.4	10.6	–
321	Flat glass	122.7	121.0	121.4	118.6	–	103.1	101.6	102.9	100.5	–
322	Glass and glassware, pressed or blown	68.1	66.7	66.4	65.6	–	59.4	58.1	58.2	57.6	–
3221	Glass containers	54.6	54.3	55.0	53.0	–	43.7	43.5	44.7	42.9	–
3229	Pressed and blown glass, nec	46.5	46.6	47.0	45.6	–	32.4	32.4	31.5	29.9	–
323	Products of purchased glass	29.5	29.2	29.2	28.0	–	23.3	22.9	23.3	22.3	–
324	Cement, hydraulic	45.2	43.1	41.0	39.2	–	34.3	32.4	30.5	29.1	–
325	Structural clay products	45.2	44.9	43.3	41.7	–	37.2	37.1	35.6	34.0	–
326	Pottery and related products	195.2	183.0	188.8	179.8	–	149.6	137.7	145.2	136.7	–
327	Concrete, gypsum, and plaster products	20.5	19.1	19.4	18.6	–	14.3	12.9	13.0	12.6	–
3271	Concrete block and brick	63.6	60.9	61.8	59.8	–	47.7	45.1	46.4	44.4	–
3272	Concrete products, nec	90.5	82.7	88.1	82.0	–	70.9	63.3	70.1	64.2	–
3273	Ready-mixed concrete	137.5	136.8	139.8	138.6	–	99.2	98.7	98.6	97.4	–
329	Misc. nonmetallic mineral products	28.7	28.7	29.5	29.4	–	19.4	19.4	19.7	19.4	–
3291	Abrasive products	17.1	17.1	17.0	16.9	–	13.2	13.3	12.8	12.8	–
3292	Asbestos products	32.2	31.9	31.1	31.3	–	–	–	–	–	–
3296	Mineral wool										
		1,136.3	1,136.7	1,087.8	1,060.6	1,048.2	875.0	877.1	826.4	802.3	797.3
33	PRIMARY METAL INDUSTRIES	508.1	509.6	479.7	471.5	–	398.1	395.8	365.2	357.8	–
331	Blast furnace and basic steel products	425.8	427.6	399.5	394.4	–	331.7	333.6	304.5	300.0	–
3312	Blast furnaces and steel mills	31.3	31.1	31.0	30.2	–	23.9	23.9	23.8	22.9	–
3317	Steel pipe and tubes	205.5	205.0	197.5	184.2	–	164.9	164.5	156.0	143.4	–
332	Iron and steel foundries	124.9	124.4	120.8	110.0	–	101.8	101.4	97.7	87.5	–
3321	Gray iron foundries	14.9	15.3	14.3	13.4	–	11.5	11.8	10.9	10.0	–
3322	Malleable iron foundries	53.6	53.3	51.2	49.6	–	42.8	42.5	40.0	38.4	–
3325	Steel foundries, nec	72.2	72.1	68.7	68.2	–	54.6	54.4	50.9	50.6	–
333	Primary nonferrous metals	37.4	37.3	34.2	33.6	–	29.0	28.8	26.0	25.6	–
3334	Primary aluminum	209.4	209.1	202.2	198.6	–	150.0	150.7	145.0	142.3	–
335	Nonferrous rolling and drawing	29.3	29.2	28.8	28.0	–	21.8	21.8	21.5	20.9	–
3351	Copper rolling and drawing	34.6	34.7	32.2	31.3	–	26.5	26.7	24.9	24.5	–
3353	Aluminum sheet, plate, and foil	87.9	88.0	86.3	85.7	–	63.7	64.0	62.0	61.2	–
3357	Nonferrous wire drawing and insulating	89.6	89.6	88.8	87.8	–	72.0	72.5	70.8	70.1	–
336	Nonferrous foundries	51.4	51.7	50.4	49.8	–	42.2	42.9	41.0	40.6	–
3361	Aluminum foundries										
		1,596.4	1,580.2	1,563.5	1,530.9	1,495.7	1,182.3	1,167.5	1,146.4	1,114.8	1,083.0
34	FABRICATED METAL PRODUCTS	71.8	71.7	68.2	67.0	–	60.5	60.1	57.9	56.4	–
341	Metal cans and shipping containers	59.1	59.1	55.7	54.9	–	50.2	50.0	47.9	46.9	–
3411	Metal cans	169.1	167.3	165.5	163.0	–	130.7	129.1	125.0	122.7	–
342	Cutlery, hand tools, and hardware	59.0	58.4	58.0	57.8	–	45.5	45.1	44.1	44.1	–
3423,5	Hand and edge tools, and hand saws and blades	95.2	94.2	93.2	91.0	–	73.2	72.2	70.5	68.3	–
3429	Hardware, nec	66.6	68.0	68.7	67.0	–	49.1	48.4	48.9	46.8	–
343	Plumbing and heating, except electric	22.7	23.1	24.2	23.5	–	18.3	18.4	19.2	18.4	–
3432	Plumbing fittings and brass goods	34.8	33.8	33.8	32.8	–	22.9	22.2	22.6	21.5	–
3433	Heating equipment, except electric	508.3	503.1	491.4	485.9	–	350.2	344.8	333.4	327.4	–
344	Fabricated structural metal products	98.9	97.9	95.2	94.8	–	71.8	70.7	67.8	67.6	–
3441	Fabricated structural metal	81.3	78.9	75.8	73.1	–	60.1	57.5	54.3	52.0	–
3442	Metal doors, sash, and trim	150.4	149.5	144.8	144.7	–	92.4	91.6	87.2	87.0	–
3443	Fabricated plate work (boiler shops)	110.0	109.2	109.4	107.7	–	80.1	79.3	79.7	77.1	–
3444	Sheet metal work	32.3	32.4	31.0	30.8	–	23.0	22.8	21.6	21.4	–
3446	Architectural metal work	104.0	103.6	101.5	98.8	–	79.9	80.0	77.9	75.6	–
345	Screw machine products, bolts, etc.	48.9	48.8	48.7	47.3	–	39.6	39.6	39.2	37.9	–
3451	Screw machine products	55.1	54.8	52.8	51.5	–	40.3	40.4	38.7	37.7	–
3452	Bolts, nuts, rivets, and washers	261.9	255.0	247.5	235.5	–	206.2	199.8	195.1	183.8	–
346	Metal forgings and stampings	44.0	44.2	42.8	41.7	–	33.8	33.9	33.2	32.2	–
3462	Iron and steel forgings	97.0	90.2	88.3	80.8	–	79.2	73.4	73.2	66.1	–
3465	Automotive stampings	108.1	107.8	104.3	101.2	–	83.2	82.5	79.4	76.2	–
3469	Metal stampings, nec	102.4	100.8	104.9	100.7	–	82.2	81.0	84.3	80.3	–
347	Metal services, nec	69.8	68.4	70.6	67.1	–	56.9	55.7	58.0	54.4	–
3471	Plating and polishing	32.6	32.4	34.3	33.6	–	25.3	25.3	26.3	25.9	–
3479	Metal coating and allied services	59.6	59.7	60.9	61.3	–	39.8	39.6	38.7	39.5	–
348	Ordnance and acessories, nec	25.4	25.4	25.4	25.3	–	17.6	17.6	16.2	16.3	–
3483	Ammunition, exc. for small arms, nec	250.7	251.0	254.9	251.7	–	183.7	184.7	185.2	182.3	–
349	Misc. fabricated metal products	102.0	102.7	104.2	103.5	–	69.5	70.4	70.2	69.8	–
3494	Valves and pipe fittings	54.5	54.2	55.5	54.7	–	42.5	42.3	42.7	41.9	–
3496	Misc. fabricated wire products										
		2,496.8	2,496.9	2,512.3	2,497.8	2,473.9	1,587.0	1,588.8	1,582.7	1,566.7	1,550.3
35	MACHINERY, EXCEPT ELECTRICAL	133.6	133.1	134.8	132.6	–	85.5	86.3	87.8	85.9	–
351	Engines and turbines	42.3	41.0	40.7	40.9	–	22.0	22.0	21.8	22.2	–
3511	Turbines and turbine generator sets	91.3	92.1	94.1	91.7	–	63.5	64.3	66.0	63.7	–
3519	Internal combustion engines, n.e.c.	172.3	174.2	157.5	156.4	–	114.9	116.8	104.4	103.8	–
352	Farm and garden machinery	148.6	149.8	132.5	131.3	–	97.8	99.0	85.8	85.1	–
3523	Farm machinery and equipment	388.4	388.7	406.4	404.6	–	251.6	253.2	265.2	264.2	–
353	Construction and related machinery	141.8	142.1	145.7	144.0	–	93.6	94.3	95.3	93.9	–
3531	Construction machinery										

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry – Continued

(In thousands)

1972 SIC Code	Industry	All employees					Production workers[1]				
		Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981p	Jan. 1982p	Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981p	Jan. 1982p
	MACHINERY, EXCEPT ELECTRICAL —Continued										
3532	Mining machinery	38.0	38.2	37.6	37.7	-	23.5	23.7	23.2	23.4	-
3533	Oil field machinery	100.9	101.8	116.5	117.4	-	68.6	69.9	81.5	83.0	-
3535	Conveyors and conveying equipment	35.1	34.6	34.1	34.5	-	19.6	19.3	19.0	19.4	-
3537	Industrial trucks and tractors	36.3	36.3	35.3	34.5	-	23.5	23.9	22.7	21.7	-
354	Metalworking machinery	368.3	365.4	357.1	354.8	-	267.8	265.1	256.3	256.0	-
3541	Machine tools, metal cutting types	80.9	80.7	75.8	75.3	-	53.5	53.2	48.4	47.6	-
3542	Machine tools, metal forming types	26.2	26.1	25.9	25.7	-	16.6	16.5	16.2	16.2	-
3544	Special dies, tools, jigs, and fixtures	136.8	134.7	134.3	133.2	-	108.8	107.1	106.2	105.2	-
3545	Machine tool accessories	69.1	68.8	68.1	68.2	-	49.0	48.7	47.7	47.8	-
3546	Power driven hand tools	30.9	30.8	28.8	28.3	-	23.8	23.7	21.9	21.3	-
355	Special industry machinery	206.4	206.3	198.5	196.4	-	130.6	130.6	124.7	123.2	-
3551	Food products machinery	45.6	45.6	42.8	42.9	-	29.0	29.1	27.1	27.2	-
3552	Textile machinery	26.2	26.2	24.1	24.1	-	18.4	18.3	16.6	16.5	-
3555	Printing trades machinery	42.4	42.5	43.0	42.7	-	26.0	26.3	26.7	26.8	-
356	General industrial machinery	314.5	314.8	309.8	307.8	-	203.4	203.4	199.5	197.8	-
3561	Pumps and pumping equipment	60.8	61.7	62.5	62.2	-	34.9	35.5	36.4	36.5	-
3562	Ball and roller bearings	57.4	57.6	53.8	53.1	-	40.6	40.8	41.2	40.6	-
3563	Air and gas compressors	30.5	30.3	30.0	29.9	-	18.1	18.0	17.9	17.7	-
3564	Blowers and fans	40.2	40.4	38.2	38.6	-	24.8	25.1	23.8	23.9	-
3566	Speed changers, drives, and gears	25.8	26.2	27.0	26.7	-	17.2	17.3	17.7	17.4	-
3568	Power transmission equipment, nec	21.4	21.3	21.9	21.5	-	15.0	14.9	15.4	15.2	-
357	Office and computing machines	441.0	440.8	466.1	468.6	-	185.9	184.1	188.5	187.0	-
3573	Electronic computing equipment	361.4	361.1	388.3	391.5	-	142.2	140.5	147.0	146.7	-
358	Refrigeration and service machinery	177.5	177.5	178.4	176.9	-	122.2	122.3	123.9	122.3	-
3585	Refrigeration and heating equipment	121.7	121.8	120.5	119.8	-	84.6	84.7	84.3	83.5	-
359	Misc. machinery, except electrical	294.8	296.1	303.7	299.7	-	225.1	227.0	232.4	228.5	-
3592	Carburetors, pistons, rings, valves	39.9	40.1	40.7	37.1	-	31.7	32.3	32.4	28.6	-
3599	Machinery, except electrical, nec	254.9	256.0	263.0	262.6	-	193.4	194.7	200.0	199.9	-
36	ELECTRIC AND ELECTRONIC EQUIPMENT	2,118.0	2,114.0	2,131.3	2,102.2	2,082.6	1,336.6	1,329.9	1,322.1	1,293.0	1,279.0
361	Electric distributing equipment	121.0	120.1	120.0	119.8	-	85.0	84.2	84.9	84.9	-
3612	Transformers	51.6	51.6	52.5	52.5	-	35.6	35.8	37.1	37.0	-
3613	Switchgear and switchboard apparatus	69.4	68.5	67.5	67.3	-	49.4	48.4	47.8	47.9	-
362	Electrical industrial apparatus	234.0	235.4	233.6	231.7	-	165.5	166.6	165.2	163.5	-
3621	Motors and generators	119.9	121.4	119.5	118.3	-	90.9	92.7	91.2	90.2	-
3622	Industrial controls	70.6	70.4	68.8	68.5	-	44.1	43.6	41.8	41.6	-
363	Household appliances	168.9	168.4	154.2	137.1	-	134.4	134.5	118.5	101.5	-
3632	Household refrigerators and freezers	33.9	35.6	30.0	24.8	-	27.4	29.3	23.3	17.9	-
3633	Household laundry equipment	20.6	20.8	18.2	15.7	-	16.2	16.5	13.6	11.1	-
3634	Electric housewares and fans	52.6	51.3	52.3	49.1	-	42.5	41.5	41.5	38.5	-
364	Electric lighting and wiring equipment	207.7	206.3	209.0	205.4	-	154.5	153.0	152.3	149.1	-
3641	Electric lamps	35.6	35.2	34.4	33.7	-	31.5	31.1	30.0	29.6	-
3643	Current carrying wiring devices	87.4	86.6	90.0	89.2	-	60.2	59.5	60.0	59.1	-
3644	Noncurrent carrying wiring devices	22.4	22.6	22.6	22.3	-	16.2	16.2	16.3	16.2	-
3645	Residential lighting fixtures	25.1	24.8	24.8	23.8	-	19.0	18.7	18.8	17.8	-
365	Radio and TV receiving equipment	111.5	108.8	110.2	107.4	-	79.9	77.7	77.5	74.8	-
3651	Radio and TV receiving sets	87.2	86.6	87.8	85.5	-	60.5	60.4	60.1	57.9	-
366	Communication equipment	542.3	542.6	548.6	552.6	-	263.9	263.3	261.9	266.0	-
3661	Telephone and telegraph apparatus	157.6	158.6	147.0	149.2	-	105.7	105.8	97.2	99.6	-
3662	Radio and TV communication equipment	384.7	384.0	401.6	403.4	-	158.2	157.5	164.7	166.4	-
367	Electronic components and accessories	564.0	565.8	582.7	582.6	-	330.6	329.4	336.6	335.8	-
3671,3	Electronic tubes	43.1	43.2	43.0	43.0	-	26.7	26.7	25.9	25.9	-
3674	Semiconductors and related devices	234.6	236.0	236.6	236.7	-	98.9	98.0	95.2	94.5	-
3679	Electronic components, nec	215.9	216.0	229.7	229.9	-	150.4	150.2	159.6	160.0	-
369	Misc. electrical equipment and supplies	168.6	166.6	173.0	165.6	-	122.8	121.2	125.2	117.4	-
3691	Storage batteries	33.7	32.8	35.4	35.0	-	26.8	26.1	27.8	27.4	-
3694	Engine electrical equipment	80.4	79.1	81.1	74.4	-	61.8	60.3	62.6	55.9	-
37	TRANSPORTATION EQUIPMENT	1,871.4	1,854.9	1,803.0	1,766.9	1,732.7	1,213.4	1,199.3	1,141.5	1,100.4	1,075.9
371	Motor vehicles and equipment	750.4	732.5	705.0	666.6	-	558.9	545.0	523.1	486.8	-
3711	Motor vehicles and car bodies	334.8	321.	301.7	283.2	-	236.1	227.0	211.0	193.5	-
3713	Truck and bus bodies	36.4	35.8	32.5	31.0	-	27.3	26.8	24.5	23.3	-
3714	Motor vehicle parts and accessories	346.3	342.6	336.8	317.3	-	270.9	267.2	262.1	243.4	-
3715	Truck trailers	27.1	26.8	28.4	29.5	-	20.3	20.1	21.3	22.4	-
372	Aircraft and parts	667.7	668.3	645.3	649.1	-	382.4	361.7	338.5	334.9	-
3721	Aircraft	363.1	363.4	354.0	357.9	-	180.9	180.1	169.5	166.3	-
3724	Aircraft engines and engine parts	164.0	165.0	154.0	154.3	-	93.6	94.4	88.4	88.6	-
3728	Aircraft equipment, nec	140.6	139.9	137.3	136.9	-	87.9	87.2	80.6	80.0	-
373	Ship and boat building and repairing	223.0	223.2	223.3	222.1	-	177.8	177.9	171.7	170.5	-
3731	Ship building and repairing	177.4	178.6	175.7	175.2	-	140.1	141.0	132.2	131.7	-
3732	Boat building and repairing	45.6	44.6	47.6	46.9	-	37.7	36.9	39.5	38.8	-
374	Railroad equipment	59.6	58.4	45.0	44.8	-	43.2	42.4	29.6	29.6	-
376	Guided missiles, space vehicles, parts	116.1	116.5	122.5	123.7	-	35.3	35.3	36.6	37.4	-
3761	Guided missiles and space vehicles	92.8	93.1	98.8	99.7	-	26.7	26.7	27.6	28.2	-

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry -- Continued

(In thousands)

1972 SIC Code	Industry	All employees					Production workers[1]				
		Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P	Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P
	TRANSPORTATION EQUIPMENT—Continued	40.0	39.7	40.2	40.0	-	26.7	26.7	26.4	26.5	-
379	Miscellaneous transportation equipment	16.2	16.3	16.7	16.3	-	14.0	14.4	14.4	14.1	-
3792	Travel trailers and campers										
38	INSTRUMENTS AND RELATED PRODUCTS	713.8	712.4	718.6	717.3	711.7	424.8	422.3	418.4	419.5	416.0
381	Engineering and scientific instruments	78.1	78.2	78.2	78.1	-	38.2	38.2	37.3	37.7	-
382	Measuring and controlling devices	243.2	244.0	246.1	245.0	-	151.6	153.2	152.7	152.5	-
3822	Environmental controls	47.3	47.2	44.5	43.5	-	32.6	32.6	29.0	28.4	-
3823	Process control instruments	54.1	54.4	58.8	58.6	-	28.5	28.9	30.6	30.8	-
3824	Fluid meters and counting devices	103.1	104.0	104.9	105.0	-	63.0	64.4	66.5	67.1	-
3829	Instruments to measure electricity	33.2	33.4	32.8	32.6	-	18.2	18.0	18.3	18.3	-
383	Optical instruments and lenses	158.1	157.6	161.6	162.5	-	102.5	100.3	100.5	102.8	-
384	Medical instruments and supplies	73.0	72.6	75.5	76.0	-	47.6	45.6	45.0	46.8	-
3841	Surgical and medical instruments	67.7	67.5	69.4	69.8	-	44.0	43.7	43.3	45.6	-
3842	Surgical appliances and supplies	43.4	42.6	39.6	39.2	-	30.6	29.8	28.2	28.1	-
385	Ophthalmic goods	137.2	136.4	141.9	142.4	-	68.7	68.0	68.1	67.9	-
386	Photographic equipment and supplies	20.6	20.2	18.4	17.5	-	15.0	14.8	13.3	12.2	-
387	Watches, clocks, and watchbands										
39	MISCELLANEOUS MANUFACTURING INDUSTRIES	405.9	398.0	426.2	414.2	391.9	299.4	292.7	316.4	302.7	282.5
391	Jewelry, silverware, and plated ware	57.9	54.4	59.5	58.8	-	41.8	38.6	43.0	42.0	-
3911	Jewelry, precious metal	36.5	35.5	38.9	38.4	-	27.4	26.7	27.7	27.2	-
393	Musical instruments	22.3	22.1	22.1	22.2	-	18.1	17.9	17.8	17.7	-
394	Toys and sporting goods	104.1	103.0	117.9	110.6	-	74.8	74.2	89.9	81.6	-
3942, 4	Dolls, games, toys, and children's vehicles	49.9	49.7	62.3	55.9	-	33.4	33.6	46.3	38.3	-
3949	Sporting and athletic goods, nec	54.2	53.3	55.6	55.6	-	41.4	40.6	43.6	43.3	-
395	Pens, pencils, office and art supplies	36.3	37.7	39.5	39.5	-	27.0	26.7	28.1	27.6	-
396	Costume jewelry and notions	50.4	48.3	48.6	46.9	-	39.7	37.7	37.2	35.8	-
3961	Costume jewelry	25.6	24.4	25.3	24.1	-	20.3	19.1	19.8	18.8	-
399	Miscellaneous manufactures	131.9	132.5	138.6	136.2	-	98.0	97.6	100.4	98.0	-
3993	Signs and advertising displays	47.4	47.5	49.1	48.5	-	34.4	34.3	35.6	35.1	-
	NONDURABLE GOODS	1,688.5	1,645.2	1,689.2	1,657.5	1,614.9	1,154.4	1,115.9	1,162.4	1,131.5	1,095.0
20	FOOD AND KINDRED PRODUCTS	358.7	350.9	350.1	348.2	-	298.9	291.1	293.2	291.0	-
201	Meat products	161.8	159.4	156.1	156.5	-	132.5	130.2	128.8	129.3	-
2011	Meat packing plants	69.6	68.5	68.8	68.6	-	51.4	50.5	51.3	50.7	-
2013	Sausages and other prepared meats	113.0	108.8	112.9	113.4	-	102.6	98.1	101.7	100.2	-
2016	Poultry dressing plants	173.6	171.2	170.3	170.0	-	94.9	93.4	93.3	93.6	-
202	Dairy products	36.4	35.2	34.5	35.2	-	28.0	27.1	26.1	27.0	-
2022	Cheese, natural and processed	100.6	99.9	98.0	97.5	-	44.4	44.1	43.6	43.6	-
2024	Ice cream	226.4	211.8	234.5	212.5	-	182.2	168.5	194.1	172.4	-
203	Preserved fruits and vegetables	26.2	25.6	26.1	25.9	-	19.3	18.8	19.7	19.5	-
2032	Canned specialties	80.6	72.5	81.9	69.6	-	64.6	56.3	67.3	54.9	-
2033	Canned fruits and vegetables	42.0	39.3	48.2	41.8	-	35.8	33.4	42.4	36.3	-
2037	Frozen fruits and vegetables	140.0	145.4	142.7	141.8	-	100.5	100.2	97.6	96.8	-
204	Grain mill products	27.9	27.6	27.8	27.7	-	17.0	17.1	16.8	16.7	-
2041	Flour and other grain mill products	57.6	57.9	55.7	55.6	-	37.5	37.6	36.1	35.8	-
2043	Cereal breakfast foods	224.8	221.8	222.7	220.9	-	131.1	128.5	129.6	127.9	-
2045	Prepared flour mixes and doughs	182.8	179.7	180.5	180.0	-	98.1	95.3	95.9	95.5	-
205	Bakery products	42.0	42.1	42.2	40.9	-	33.0	33.2	33.7	32.4	-
2051	Bread, cake, and related products	115.0	111.1	124.0	119.7	-	86.9	83.8	97.9	93.7	-
2052	Cookies and crackers	34.2	32.1	36.4	34.6	-	25.3	23.6	28.4	26.8	-
206	Sugar and confectionery products	60.0	58.5	66.7	64.0	-	47.7	46.5	55.3	52.5	-
2061, 3	Cane and beet sugar	45.4	44.9	46.7	46.1	-	33.8	33.5	35.1	34.9	-
2065	Confectionery products	234.6	230.8	235.6	235.6	-	103.6	101.0	100.7	100.6	-
207	Fats and oils	51.3	49.5	49.1	49.1	-	33.0	31.7	30.9	31.1	-
208	Beverages	157.8	130.6	141.2	141.3	-	45.3	44.7	45.7	45.7	-
2082	Malt beverages	164.0	157.3	162.6	162.5	-	122.5	115.9	120.9	120.6	-
2086	Bottled and canned soft drinks										
209	Misc. foods and kindred products	74.4	72.0	74.9	72.8	71.7	58.0	55.8	59.3	57.2	56.6
21	TOBACCO MANUFACTURES	47.9	47.7	47.5	47.7	-	35.8	35.9	36.3	36.6	-
211	Cigarettes										
22	TEXTILE MILL PRODUCTS	846.1	841.0	826.8	817.8	795.7	734.8	729.1	714.0	704.1	684.3
221	Weaving mills, cotton	148.3	147.2	140.0	137.8	-	133.0	131.7	128.6	122.5	-
222	Weaving mills, synthetics	118.3	118.7	116.0	116.0	-	106.3	106.4	103.7	102.6	-
223	Weaving and finishing mills, wool	18.7	18.8	18.3	18.4	-	15.3	15.4	15.2	15.4	-
224	Narrow fabric mills	23.3	23.5	24.1	24.0	-	20.3	20.6	21.1	20.9	-
225	Knitting mills	218.6	215.1	214.7	212.2	-	188.9	185.6	185.2	183.2	-
2251	Women's hosiery, except socks	29.2	29.0	29.1	29.1	-	26.1	26.0	26.0	26.1	-
2252	Hosiery, nec	33.3	33.2	34.0	34.1	-	30.3	30.1	31.0	31.1	-
2253	Knit outerwear mills	69.2	66.9	72.8	71.1	-	59.0	56.7	61.8	60.1	-
2254	Knit underwear mills	31.5	31.3	30.2	28.9	-	27.4	27.2	25.9	24.9	-

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry – Continued

(In thousands)

1972 SIC Code	Industry	All employees					Production workers				
		Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981	Jan. 1982	Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981	Jan. 1982
	TEXTILE MILL PRODUCTS—Continued										
2257	Circular knit fabric mills	32.3	31.7	27.1	27.3	-	27.2	26.7	22.7	22.9	-
226	Textile finishing, except wool	72.6	72.0	71.5	70.8	-	61.0	60.4	59.5	58.8	-
2261	Finishing plants, cotton	28.5	28.0	28.4	28.1	-	23.7	23.3	23.2	23.1	-
2262	Finishing plants, synthetics	28.9	28.8	28.6	28.3	-	24.4	24.2	23.9	23.5	-
227	Floor covering mills	53.0	52.6	51.7	51.2	-	43.1	42.6	41.4	41.2	-
228	Yarn and thread mills	126.3	126.3	124.4	122.0	-	113.9	113.8	111.4	108.7	-
2281	Yarn mills, except wool	84.7	84.5	83.0	81.7	-	77.8	77.6	75.4	73.7	-
2282	Throwing and winding mills	20.9	21.1	20.2	19.3	-	18.4	18.5	17.8	17.0	-
229	Miscellaneous textile goods	67.0	66.8	66.1	65.4	-	53.0	52.6	51.9	50.8	-
23	APPAREL AND OTHER TEXTILE PRODUCTS	1,241.1	1,222.8	1,259.5	1,223.9	1,185.1	1,058.6	1,040.9	1,070.2	1,036.4	1,001.7
231	Men's and boys' suits and coats	77.9	76.9	80.4	80.8	-	68.9	67.8	69.9	70.2	-
232	Men's and boys' furnishings	352.3	345.1	352.0	340.8	-	301.5	295.0	300.3	296.2	-
2321	Men's and boys' shirts and nightwear	96.3	94.5	97.4	96.0	-	82.8	80.7	83.9	82.7	-
2327	Men's and boys' separate trousers	75.4	73.9	74.8	72.3	-	65.9	64.6	65.1	63.0	-
2328	Men's and boys' work clothing	101.6	100.0	100.9	101.6	-	85.8	84.6	83.7	84.6	-
233	Women's and misses' outerwear	401.6	399.5	408.3	389.2	-	344.8	341.8	350.3	331.7	-
2331	Women's and misses' blouses and waists	61.0	60.6	61.8	59.5	-	53.2	53.1	53.8	51.5	-
2335	Women's and misses' dresses	135.5	135.3	135.2	130.4	-	119.7	119.3	118.7	113.5	-
2337	Women's and misses' suits and coats	64.6	59.2	61.7	56.7	-	55.3	50.3	52.1	47.6	-
2339	Women's and misses' outerwear, nec	140.5	144.4	149.6	142.6	-	116.6	119.1	125.7	119.1	-
234	Women's and children's undergarments	86.8	86.3	90.6	88.7	-	73.9	73.5	77.4	75.8	-
2341	Women's and children's underwear	69.3	69.0	72.7	70.9	-	60.2	60.0	63.5	62.0	-
2342	Brassieres and allied garments	17.5	17.3	17.9	17.8	-	13.7	13.5	13.9	13.8	-
236	Children's outerwear	63.0	63.7	65.5	64.6	-	53.1	54.3	55.6	54.6	-
2361	Children's dresses and blouses	27.8	28.0	28.7	28.6	-	24.6	25.2	25.6	25.5	-
238	Misc. apparel and accessories	54.5	52.8	55.0	53.6	-	46.3	44.8	46.3	45.1	-
239	Misc. fabricated textile products	182.9	176.5	186.7	179.8	-	150.9	144.6	152.4	145.5	-
2391	Curtains and draperies	27.5	26.9	29.8	29.6	-	22.9	22.4	24.9	24.3	-
2392	House furnishings, nec	51.0	48.1	53.5	52.0	-	42.1	39.8	44.2	42.8	-
2396	Automotive and apparel trimmings	35.2	32.7	33.1	29.1	-	30.0	27.2	26.8	22.9	-
26	PAPER AND ALLIED PRODUCTS	691.5	687.7	686.4	682.1	675.3	521.4	518.1	515.5	511.8	506.2
261, 2621	Paper and pulp mills	205.4	202.7	202.5	202.3	-	154.7	152.5	152.2	152.5	-
262	Paper mills, except building paper	177.0	174.9	175.3	175.5	-	131.9	130.3	130.4	130.8	-
263	Paperboard mills	65.0	64.8	62.5	62.3	-	50.6	50.6	49.1	48.6	-
264	Misc. converted paper products	216.7	216.5	218.5	218.7	-	159.7	159.5	159.5	160.0	-
2641	Paper coating and glazing	56.5	55.8	57.0	57.1	-	36.6	35.9	36.4	36.2	-
2642	Envelopes	25.2	25.5	25.7	25.6	-	19.7	20.0	20.0	19.9	-
2643	Bags, except textile bags	50.3	50.2	50.7	50.8	-	39.3	39.5	39.5	39.7	-
265	Paperboard containers and boxes	204.4	203.7	202.9	198.6	-	156.4	155.5	154.7	150.7	-
2651	Folding paperboard boxes	42.4	42.0	42.0	42.1	-	33.5	33.0	33.1	32.5	-
2653	Corrugated and solid fiber boxes	105.5	105.8	104.7	102.8	-	77.3	77.4	77.1	75.1	-
2654	Sanitary food containers	25.9	26.0	25.2	25.3	-	21.2	21.3	20.3	20.5	-
27	PRINTING AND PUBLISHING	1,278.3	1,269.0	1,305.1	1,310.7	1,301.8	715.3	708.7	718.6	723.5	718.8
271	Newspapers	428.0	425.1	438.4	440.2	-	166.7	164.8	167.5	167.8	-
272	Periodicals	90.1	91.8	95.4	95.8	-	17.0	17.2	19.3	19.9	-
273	Books	101.8	101.7	100.3	101.5	-	52.7	53.2	49.5	51.6	-
2731	Book publishing	71.3	71.9	72.0	72.8	-	27.3	28.2	26.6	28.2	-
2732	Book printing	30.5	29.8	28.3	28.7	-	25.4	25.0	22.9	23.4	-
274	Miscellaneous publishing	50.4	50.2	49.7	51.9	-	27.2	26.9	26.5	28.3	-
275	Commercial printing	428.3	423.5	440.7	440.3	-	319.2	313.2	324.8	323.5	-
2751	Commercial printing, letterpress	170.1	167.6	173.9	172.3	-	127.0	124.3	128.5	126.9	-
2752	Commercial printing, lithographic	235.4	233.5	243.6	244.3	-	173.4	170.6	177.5	177.6	-
276	Manifold business forms	49.1	48.7	48.8	49.0	-	34.1	33.8	33.7	34.1	-
278	Blankbooks and bookbinding	60.8	59.3	60.8	60.7	-	49.8	48.3	49.1	49.2	-
279	Printing trade services	44.3	44.6	45.2	45.4	-	33.0	33.1	33.2	33.3	-
28	CHEMICALS AND ALLIED PRODUCTS	1,101.2	1,100.1	1,100.2	1,098.2	1,092.0	619.6	620.0	617.1	612.6	609.0
281	Industrial inorganic chemicals	161.5	162.0	163.2	162.5	-	86.5	87.7	88.8	87.7	-
2819	Industrial inorganic chemicals, nec	106.4	107.1	106.6	106.2	-	57.3	58.0	57.9	57.4	-
282	Plastics materials and synthetics	203.2	201.4	194.6	195.1	-	134.7	133.0	126.6	126.3	-
2821	Plastics materials and resins	80.4	79.4	77.7	78.6	-	47.1	46.0	45.3	45.7	-
2824	Organic fibers, noncellulosic	95.9	94.8	92.3	91.9	-	67.8	67.0	64.7	64.1	-
283	Drugs	197.4	198.1	201.5	201.7	-	96.9	97.7	100.0	99.1	-
2834	Pharmaceutical preparations	155.8	156.4	158.3	158.8	-	74.5	75.4	76.9	76.7	-
284	Soap, cleaners, and toilet goods	140.2	139.5	139.4	138.7	-	86.0	85.9	86.6	86.0	-
2841	Soap and other detergents	42.3	42.2	40.1	40.2	-	27.5	27.8	26.2	26.2	-
2844	Toilet preparations	56.6	55.8	57.3	56.8	-	36.4	36.0	38.0	37.8	-
2842, 3	Polishing, sanitation, and finishing preparations	41.3	41.5	42.0	41.7	-	22.1	22.1	22.4	22.0	-
285	Paints and allied products	63.8	63.8	62.5	62.3	-	31.6	31.4	30.2	29.9	-
286	Industrial organic chemicals	169.1	169.3	171.0	170.7	-	85.3	85.5	85.5	85.1	-

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry – Continued

(In thousands)

1972 SIC Code	Industry	All employees					Production workers				
		Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P	Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P
	CHEMICALS AND ALLIED PRODUCTS—Cont'd	34.3	34.6	34.9	35.0	–	20.5	20.7	21.0	21.0	–
2865	Cyclic crudes and intermediates						64.8	64.8	63.9	63.5	–
2861,9	Gum, wood, and industrial organic chemicals, nec	134.8	134.7	136.1	135.7	–	44.1	44.5	44.9	44.4	–
287	Agricultural chemicals	71.0	71.5	72.3	71.6	–	54.5	54.3	54.5	54.1	–
289	Miscellaneous chemical products	95.0	96.5	96.0	95.6	–					
	PETROLEUM AND COAL PRODUCTS	206.8	206.5	210.4	207.2	199.2	131.1	130.5	129.6	126.3	120.9
29	Petroleum refining	166.6	167.8	170.0	169.8	–	102.4	103.0	101.1	100.7	–
291	Paving and roofing materials	28.1	26.6	28.3	25.3	–	21.0	19.7	21.1	18.3	–
295											
	RUBBER AND MISC. PLASTICS PRODUCTS	733.2	731.8	738.6	726.6	718.5	565.6	564.1	567.0	556.6	549.3
30	Tires and inner tubes	121.6	122.1	121.5	120.9	–	86.5	86.8	84.4	84.7	–
301	Rubber and plastics footwear	21.2	20.3	20.5	19.9	–	18.7	17.9	18.1	17.4	–
302	Reclaimed rubber, and rubber and plastics hose and belting										
303,4	Fabricated rubber products, nec	23.2	22.8	22.5	22.2	–	15.9	15.7	15.8	15.6	–
306	Miscellaneous plastics products	105.9	105.8	104.4	100.9	–	82.4	82.3	80.6	76.9	–
307		461.3	460.8	469.7	462.7	–	362.1	361.4	368.1	362.0	–
	LEATHER AND LEATHER PRODUCTS	229.4	226.9	232.1	222.3	212.3	193.1	190.8	197.3	187.8	179.1
31	Leather tanning and finishing	19.5	19.5	19.4	19.5	–	16.3	16.2	16.2	16.3	–
311	Footwear, except rubber	140.9	141.1	141.3	134.6	–	120.5	120.9	122.4	115.9	–
314	Men's footwear, except athletic	56.7	56.6	58.3	54.8	–	49.4	48.4	50.2	46.6	–
3143	Women's footwear, except athletic	51.9	52.6	49.7	48.1	–	44.3	45.0	43.1	41.8	–
3144	Luggage	15.4	14.2	14.9	14.3	–	11.2	10.2	11.6	11.1	–
316	Handbags and personal leather goods	28.7	27.7	30.3	28.9	–	29.2	28.1	29.8	28.4	–
317											
	TRANSPORTATION AND PUBLIC UTILITIES	5,150	5,063	5,183	5,140	5,047	4,294	4,206	4,293	4,255	4,162
	RAILROAD TRANSPORTATION	520.9	511.3	493.7	478.7	–	–	–	–	–	–
40	Class I railroads	468.6	460.2	445.7	432.1	–	–	–	–	–	–
4011											
	LOCAL AND INTERURBAN PASSENGER TRANSIT	275.9	278.4	290.1	290.4	–	255.5	254.4	270.2	269.9	–
41	Local & int. suburban transportation	81.5	81.9	83.7	84.9	–	74.8	75.1	78.3	77.6	–
411	Taxicabs	53.3	53.4	50.0	50.6	–	–	–	–	–	–
412	Intercity highway transportation	38.4	37.5	38.4	38.5	–	35.0	34.2	35.2	35.1	–
413	School buses	88.5	87.8	102.6	101.8	–	–	–	–	–	–
415											
	TRUCKING AND WAREHOUSING	1,281.1	1,219.8	1,251.5	1,244.1	–	1,123.8	1,062.1	1,092.2	1,086.9	–
42	Trucking and trucking terminals	1,193.3	1,134.1	1,164.1	1,157.5	–	1,049.3	990.1	1,017.8	1,013.4	–
421,3	Public warehousing	87.8	85.7	87.4	86.6	–	74.5	72.0	74.4	73.5	–
422											
44	WATER TRANSPORTATION	205.1	196.9	206.8	192.4	–	–	–	–	–	–
	TRANSPORTATION BY AIR	450.4	451.7	453.3	452.6	–	–	–	–	–	–
45	Air transportation	401.0	401.8	402.5	401.1	–	–	–	–	–	–
451,2							15.2	15.2	15.3	15.4	–
	PIPE LINES, EXCEPT NATURAL GAS	21.5	21.5	22.3	22.4	–	–	–	–	–	–
46											
	TRANSPORTATION SERVICES	193.9	193.8	213.2	211.2	–	–	–	–	–	–
47											
	COMMUNICATION	1,360.9	1,353.5	1,377.6	1,374.9	–	1,015.1	1,012.5	1,026.1	1,028.6	–
48	Telephone communication	1,072.3	1,064.8	1,074.6	1,070.9	–	778.2	776.4	777.7	778.2	–
481	Radio and television broadcasting	202.0	200.5	206.0	206.2	–	162.4	160.8	167.3	168.2	–
483											
	ELECTRIC, GAS, AND SANITARY SERVICES	840.0	839.8	874.8	873.5	–	685.1	683.6	714.2	712.4	–
49	Electric services	402.7	403.3	416.0	415.5	–	329.3	326.8	335.8	335.3	–
491	Gas production and distribution	170.4	170.0	176.3	176.1	–	138.9	138.4	142.5	142.1	–
492	Combination utility services	195.7	195.5	208.7	208.5	–	158.8	157.5	172.2	171.7	–
493	Sanitary services	48.3	48.1	50.6	50.3	–	42.4	42.1	44.6	44.5	–
495											
	WHOLESALE AND RETAIL TRADE	21,138	20,366	21,148	21,403	20,726	18,592	17,836	18,522	18,780	18,108
	WHOLESALE TRADE	5,315	5,276	5,379	5,353	5,304	4,334	4,296	4,372	4,350	4,300
50,51											
	WHOLESALE TRADE - DURABLE GOODS	3,135	3,125	3,196	3,189	–	2,553	2,540	2,587	2,581	–
50	Motor vehicles and automotive equipment	415.4	412.6	417.4	417.7	–	335.0	332.0	337.0	337.2	–
501	Furniture and home furnishing	117.9	116.7	124.7	124.3	–	96.5	95.0	102.4	102.0	–
502	Lumber and construction materials	194.5	190.3	189.0	187.0	–	160.2	155.7	155.7	153.3	–
503	Sporting goods, toys, and hobby goods	72.8	72.5	76.2	75.6	–	58.6	58.0	60.9	60.4	–
504	Metals and minerals, except petroleum	152.6	153.0	153.8	152.9	–	122.1	122.2	123.3	122.7	–
505	Electrical goods	420.5	419.2	427.2	427.2	–	341.1	339.6	344.8	344.9	–
506	Hardware, plumbing, and heating equipment	243.4	242.9	243.7	243.8	–	199.9	199.1	198.1	197.7	–
507											

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry – Continued

(In thousands)

1972 SIC Code	Industry	All employees					Production workers				
		Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P	Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P
	WHOLESALE TRADE DURABLE GOODS—Continued										
508	Machinery, equipment, and supplies	1,312.5	1,314.2	1,365.3	1,364.9	–	1,064.5	1,065.9	1,097.5	1,098.5	–
509	Miscellaneous durable goods	205.8	203.7	198.4	195.4	–	174.8	172.4	167.0	164.5	–
51	WHOLESALE TRADE NONDURABLE GOODS	2,180	2,151	[illegible]	2,164	–	1,781	1,756	1,785	1,769	–
511	Paper and paper products	153.6	153.2	[illegible]	157.0	–	124.7	124.4	126.9	126.5	–
512	Drugs, proprietaries, and sundries	150.5	150.4	151.0	152.8	–	127.2	127.1	129.3	129.8	–
513	Apparel, piece goods, and notions	169.1	165.9	170.0	168.4	–	134.0	130.5	133.9	132.5	–
514	Groceries and related products	683.4	671.3	680.9	674.4	–	586.9	574.3	585.5	579.4	–
516	Chemicals and allied products	129.1	129.7	129.9	130.3	–	93.0	93.9	92.7	93.3	–
517	Petroleum and petroleum products	223.4	224.1	223.6	223.9	–	163.2	166.2	168.1	169.1	–
518	Beer, wine, and distilled beverages	141.6	138.4	142.8	143.6	–	118.7	115.3	119.2	119.8	–
519	Miscellaneous nondurable goods	381.5	375.2	382.4	376.7	–	311.1	304.5	310.5	305.5	–
52-59	RETAIL TRADE	15,823	15,090	15,769	16,050	15,422	14,258	13,540	14,150	14,430	13,808
52	BUILDING MATERIALS AND GARDEN SUPPLIES	623.7	601.6	609.5	606.0	–	528.0	504.9	513.5	511.5	–
521	Lumber and other building materials	326.9	318.9	319.4	314.7	–	276.2	267.9	269.9	265.4	–
525	Hardware stores	154.0	148.9	150.0	151.5	–	132.3	126.8	128.0	129.2	–
53	GENERAL MERCHANDISE STORES	2,561.0	2,303.7	2,395.4	2,540.6	–	2,400.3	2,150.0	2,183.6	2,337.7	–
531	Department stores	2,139.7	1,930.9	1,993.4	2,123.7	–	2,017.4	1,811.5	1,828.5	1,958.4	–
533	Variety stores	283.2	254.5	257.7	271.8	–	262.4	237.6	239.7	253.4	–
539	Misc. general merchandise stores	138.1	118.3	134.3	145.1	–	120.5	100.9	115.4	125.9	–
54	FOOD STORES	2,489.8	2,431.8	2,503.9	2,522.7	–	2,289.9	2,252.5	2,323.2	2,341.5	–
541	Grocery stores	2,157.1	2,136.9	2,194.4	2,205.1	–	2,004.2	1,984.3	2,042.4	2,052.0	–
542	Meat markets and freezer provisioners	56.3	55.8	56.0	55.4	–	–	–	–	–	–
546	Retail bakeries	129.2	125.9	128.4	124.6	–	118.6	115.6	118.2	118.8	–
55	AUTOMOTIVE DEALERS AND SERVICE STATIONS	1,681.5	1,671.8	1,670.5	1,664.2	–	1,422.3	1,415.8	1,415.1	1,409.5	–
551,2	New and used car dealers	770.6	766.0	759.3	752.1	–	630.5	626.7	620.9	615.5	–
553	Auto and home supply stores	267.9	264.7	278.1	280.5	–	232.1	229.1	240.7	243.2	–
554	Gasoline service stations	567.8	567.3	558.8	558.8	–	495.0	496.6	490.5	489.2	–
56	APPAREL AND ACCESSORY STORES	1,078.8	979.1	1,016.4	1,089.8	–	937.5	838.4	873.1	946.0	–
561	Men's and boys' clothing and furnishings	152.8	138.4	137.5	152.4	–	132.3	117.8	117.6	132.2	–
562	Women's ready-to-wear stores	393.7	352.9	369.1	391.5	–	344.7	304.7	321.1	343.5	–
565	Family clothing stores	213.4	188.8	197.9	220.9	–	189.1	165.4	174.1	197.0	–
566	Shoe stores	207.2	195.4	203.9	212.5	–	174.0	161.5	167.4	175.8	–
57	FURNITURE AND HOME FURNISHINGS STORES	626.2	608.8	621.5	626.7	–	520.9	504.9	515.4	521.6	–
571	Furniture and home furnishings stores	384.3	375.3	382.1	383.7	–	320.4	311.6	316.9	318.4	–
572	Household appliance stores	86.0	82.8	86.9	87.6	–	73.3	70.8	73.9	75.0	–
573	Radio, television, and music stores	155.9	150.7	152.5	155.4	–	127.2	122.5	124.6	128.2	–
58	EATING AND DRINKING PLACES	4,720.8	4,561.3	4,915.0	4,890.0	–	4,348.5	4,188.1	4,528.8	4,500.6	–
59	MISCELLANEOUS RETAIL	2,060.8	1,931.4	2,046.4	2,110.0	–	1,810.5	1,685.6	1,797.6	1,861.4	–
591	Drug stores and proprietary stores	499.7	488.7	498.3	505.0	–	453.1	442.9	450.9	456.8	–
592	Liquor stores	133.1	125.8	132.6	136.8	–	–	–	–	–	–
594	Miscellaneous shopping goods stores	679.5	636.1	674.9	716.7	–	586.7	525.1	584.7	627.0	–
596	Nonstore retailers	305.6	274.5	306.4	309.9	–	282.8	254.2	285.1	288.6	–
598	Fuel and ice dealers	109.5	111.7	105.0	107.2	–	92.5	94.5	87.8	90.0	–
599	Retail stores, nec	275.4	256.9	271.7	277.3	–	231.0	213.5	227.7	233.3	–
–	FINANCE, INSURANCE, AND REAL ESTATE [3]	5,237	5,235	5,344	5,351	5,327	3,956	3,950	4,027	4,024	4,006
60	BANKING	1,596.5	1,601.2	1,635.6	1,640.5	–	1,227.3	1,225.8	1,245.8	1,243.7	–
602	Commercial and stock savings banks	1,455.9	1,460.2	1,490.9	1,495.1	–	1,112.5	1,111.2	1,129.5	1,126.8	–
61	CREDIT AGENCIES OTHER THAN BANKS	578.4	578.4	576.0	577.2	–	436.7	441.1	436.7	436.9	–
612	Savings and loan associations	261.5	264.4	270.4	272.7	–	199.5	201.2	205.1	207.0	–
614	Personal credit institutions	203.6	201.1	192.3	191.6	–	151.8	155.1	148.4	147.3	–
62	SECURITY, COMMODITY BROKERS, AND SERVICES	233.2	234.8	253.1	253.6	–	–	–	–	–	–
621	Security brokers and dealers	189.6	190.9	208.7	209.6	–	–	–	–	–	–
63	INSURANCE CARRIERS	1,237.0	1,232.8	1,235.3	1,239.9	–	860.5	859.1	851.1	854.3	–
631	Life insurance	535.8	533.2	535.8	538.2	–	328.4	329.7	332.9	334.0	–

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry — Continued

(In thousands)

1972 SIC Code	Industry	All employees					Production workers[1]				
		Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P	Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P
	INSURANCE CARRIERS — Continued	144.4	144.1	143.4	143.8	–	115.5	115.2	113.9	114.5	–
632	Medical service and health insurance	483.0	482.0	484.6	486.6	–	358.3	356.2	348.9	350.7	–
633	Fire, marine, and casualty insurance										
64	INSURANCE AGENTS, BROKERS, AND SERVICE	459.5	461.5	472.5	472.3	–	–	–	–	–	–
65	REAL ESTATE	991.8	984.2	1,021.2	1,015.7	–	–	–	–	–	–
651	Real estate operators and lessors	461.2	458.2	476.4	475.7	–	–	–	–	–	–
653	Real estate agents and managers	379.6	377.9	387.6	387.0	–	–	–	–	–	–
655	Subdividers and developers	129.1	126.4	137.0	133.0	–	–	–	–	–	–
66	COMBINED REAL ESTATE, INSURANCE, ETC.	21.1	21.3	21.0	21.1	–	–	–	–	–	–
67	HOLDING AND OTHER INVESTMENT OFFICES	119.5	121.2	129.4	130.6	–	–	–	–	–	–
		18,149	17,972	18,800	18,754	18,503	16,134	15,953	16,706	16,654	16,413
	SERVICES						–	–	–	–	–
70	HOTELS AND OTHER LODGING PLACES	1,020.6	993.9	1,056.0	1,034.9	–	907.7	880.1	935.6	914.6	–
701	Hotels, motels, and tourist courts	991.7	964.8	1,025.3	1,003.2	–	–	–	–	–	–
72	PERSONAL SERVICES	896.9	894.7	897.6	899.8	–	319.7	316.9	318.6	316.7	–
721	Laundry, cleaning, and garment services	357.5	354.7	356.6	354.8	–	266.7	261.3	266.2	270.0	–
723	Beauty shops	288.7	281.7	289.0	293.2	–	–	–	–	–	–
726	Funeral service and crematories	71.4	71.2	72.8	73.6	–	–	–	–	–	–
73	BUSINESS SERVICES	3,237.6	3,206.4	3,384.8	3,374.3	–	2,825.7	2,797.8	2,962.1	2,944.4	–
731	Advertising	154.6	154.6	156.7	156.9	–	117.6	117.7	121.0	120.7	–
732	Credit reporting and collection	72.9	72.1	71.3	71.2	–	–	–	–	–	–
733	Mailing, reproduction, stenographic	125.8	123.8	135.5	133.5	–	–	–	–	–	–
734	Services to buildings	496.2	495.3	525.0	527.7	–	448.3	447.4	478.3	479.2	–
736	Personnel supply services	608.7	593.9	603.7	593.2	–	–	–	–	–	–
737	Computer and data processing services	322.0	325.9	358.8	361.4	–	269.0	272.8	294.3	295.9	–
75	AUTO REPAIR, SERVICES, AND GARAGES	569.7	571.5	584.0	580.0	–	485.7	486.3	497.2	494.5	–
753	Automotive repair shops	347.8	349.3	358.2	356.7	–	296.0	296.2	302.1	301.8	–
76	MISCELLANEOUS REPAIR SERVICES	294.8	291.5	300.6	304.0	–	245.5	242.8	254.0	257.1	–
78	MOTION PICTURES	209.1	202.1	212.1	206.2	–	182.8	172.0	179.8	175.4	–
781	Motion picture production and services	81.4	76.6	81.8	78.5	–	67.5	63.4	66.7	64.9	–
783	Motion picture theaters	116.6	114.5	119.6	117.0	–	–	–	–	–	–
79	AMUSEMENT AND RECREATION SERVICES	695.8	664.9	738.7	755.7	–	623.8	594.4	663.2	679.6	–
80	HEALTH SERVICES	5,393.5	5,406.8	5,631.8	5,638.7	–	4,817.6	4,828.9	5,040.0	5,046.8	–
801	Offices of physicians	765.0	767.2	794.8	794.3	–	626.8	628.5	651.4	651.1	–
802	Offices of dentists	350.2	345.9	366.5	366.1	–	305.1	303.0	325.2	325.0	–
805	Nursing and personal care facilities	1,024.0	1,027.7	1,064.2	1,065.2	–	924.7	927.4	962.4	963.6	–
806	Hospitals	2,803.0	2,815.9	2,934.7	2,939.4	–	2,569.5	2,579.3	2,691.4	2,695.7	–
81	LEGAL SERVICES	520.0	518.9	549.2	545.8	–	448.3	443.4	465.7	462.0	–
82	EDUCATIONAL SERVICES	1,205.5	1,136.2	1,247.2	1,221.4	–	–	–	–	–	–
821	Elementary and secondary schools	304.4	297.6	301.2	300.8	–	–	–	–	–	–
822	Colleges and universities	779.9	718.1	819.6	795.1	–	–	–	–	–	–
83	SOCIAL SERVICES	1,171.3	1,171.7	1,183.2	1,186.2	–	–	–	–	–	–
86	MEMBERSHIP ORGANIZATIONS	1,581.3	1,557.3	1,590.9	1,594.7	–	–	–	–	–	–
89	MISCELLANEOUS SERVICES	1,010.2	1,019.2	1,043.1	1,046.4	–	841.6	848.9	863.1	865.2	–
891	Engineering and architectural services	554.2	553.2	568.7	568.8	–	470.8	468.4	475.4	476.0	–
893	Accounting, auditing, and bookkeeping	324.5	335.0	338.6	341.7	–	261.4	271.3	273.9	275.3	–
		16,435	16,216	16,157	16,129	15,884	–	–	–	–	–
	GOVERNMENT	2,782	2,773	2,729	2,726	2,708	–	–	–	–	–
–	FEDERAL GOVERNMENT	2,728.5	2,717.6	2,675.6	2,672.4	–	–	–	–	–	–
–	Executive, by agency[4]	893.6	892.9	921.6	924.4	–	–	–	–	–	–
–	Department of Defense	672.5	652.9	663.2	668.8	–	–	–	–	–	–
–	Postal Service	1,162.4	1,171.8	1,090.8	1,079.2	–	–	–	–	–	–
–	Other executive agencies	38.9	40.8	38.5	38.5	–	–	–	–	–	–
–	Legislative	14.9	15.0	15.2	15.2	–	–	–	–	–	–
–	Judicial										

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry – Continued

(In thousands)

1972 SIC Code	Industry	All employees					Production workers[1]				
		Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981p	Jan. 1982p	Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981p	Jan. 1982p
	FEDERAL GOVERNMENT—Continued										
	Federal Government, by industry										
—	Manufacturing activities	107.0	107.5	112.5	112.7	–	–	–	–	–	–
3731	Shipbuilding and repairing	57.1	57.4	59.8	60.1	–	–	–	–	–	–
—	Transportation and public utilities, except Postal Service	40.8	40.5	42.1	41.8	–	–	–	–	–	–
—	Services	410.2	408.8	403.0	400.1	–	–	–	–	–	–
806	Federal government hospitals	233.1	234.5	230.8	231.4	–	–	–	–	–	–
—	STATE AND LOCAL GOVERNMENT	13,653	13,443	13,428	13,403	13,176	–	–	–	–	–
—	State government	3,657.5	3,556.6	3,647.8	3,620.1	–	–	–	–	–	–
806	State government hospitals	535.8	535.0	532.5	532.1	–	–	–	–	–	–
82	State education	1,462.1	1,362.4	1,476.4	1,446.4	–	–	–	–	–	–
—	General administration including executive, legislative, and judicial functions	1,030.1	1,030.8	1,027.3	1,031.7	–	–	–	–	–	–
—	Local government	9,995.2	9,886.4	9,780.4	9,782.6	–	–	–	–	–	–
—	Transportation and public utilities	627.6	628.0	638.1	638.2	–	–	–	–	–	–
806	Local government hospitals	615.0	616.8	635.0	638.8	–	–	–	–	–	–
82	Local education	5,434.8	5,338.8	5,374.5	5,368.7	–	–	–	–	–	–
—	General administration including executive, legislative, and judicial functions	2,942.0	2,930.9	2,823.4	2,826.9	–	–	–	–	–	–

[1] Data relate to production and related workers in mining and manufacturing, to construction workers in construction, and to nonsupervisory workers in transportation and public utilities, while sale and retail trade, finance, insurance, and real estate, and services.

[2] Beginning January 1978, data relate to line haul railroads with operating revenues of $50,000,000 or more.

[3] Data for nonoffice sales agents excluded from nonsupervisory count for all series in this division.

[4] Prepared by the Office of Personnel Management. Data relate to civilian employment only and exclude Central Intelligence and National Security Agencies.

– Data not available.
p = preliminary.

NOTE: Data from April 1980 forward are subject to revision when more recent benchmarks are introduced. See "Benchmark adjustment" in the Explanatory notes of this publication.

B-3. Women employees on nonagricultural payrolls by industry

(In thousands)

1972 SIC Code	Industry	Oct. 1980	Nov. 1980	Sept. 1981	Oct. 1981	Nov. 1981
	TOTAL	38,751	39,100	39,361	39,733	39,873
	PRIVATE SECTOR	30,855	31,094	31,962	32,016	32,058
	MINING	107	110	132	133	134
10	METAL MINING	7.9	9.0	9.2	8.8	8.5
11, 12	COAL MINING	10.9	10.9	11.8	11.9	11.9
13	OIL AND GAS EXTRACTION	79.1	80.3	100.8	101.8	103.5
131, 2	Crude petroleum, natural gas, and natural gas liquids	51.7	52.3	63.7	64.3	65.1
138	Oil and gas field services	27.4	28.0	37.1	37.5	38.4
14	NONMETALLIC MINERALS, EXCEPT FUELS	9.5	9.7	10.0	10.0	10.0
142	Crushed and broken stone	2.6	2.6	2.7	2.7	2.7
144	Sand and gravel	3.1	3.2	3.2	3.2	3.2
	CONSTRUCTION	388	389	406	404	401
15	GENERAL BUILDING CONTRACTORS	137.1	138.5	140.7	139.1	137.9
152	Residential building construction	81.1	81.8	84.9	83.5	82.9
153	Operative builders	14.2	14.4	14.5	14.3	14.0
154	Nonresidential building construction	41.8	42.3	41.3	41.3	41.0
16	HEAVY CONSTRUCTION CONTRACTORS	64.3	63.8	64.8	64.3	63.0
161	Highway and street construction	18.9	17.5	17.9	17.0	15.9
162	Heavy construction, except highway	45.4	46.3	46.9	47.3	47.1
17	SPECIAL TRADE CONTRACTORS	186.4	187.3	200.0	200.1	199.9
171	Plumbing, heating, air conditioning	50.8	51.3	54.8	54.9	54.9
172	Painting, paper hanging, decorating	11.6	11.9	12.8	12.7	12.9
173	Electrical work	35.4	35.5	37.0	37.1	37.5
174	Masonry, stonework, and plastering	21.4	21.8	24.3	24.1	24.1
175	Carpentering and flooring	14.9	14.9	15.3	15.2	15.1
176	Roofing and sheet metal work	13.5	13.4	13.8	14.1	14.0
	MANUFACTURING	6,338	6,339	6,535	6,478	6,396
24, 25, 32-39	DURABLE GOODS	2,997	3,020	3,109	3,095	3,054
20-23, 26, 27	NONDURABLE GOODS	3,341	3,319	3,426	3,383	3,342
	DURABLE GOODS					
24	LUMBER AND WOOD PRODUCTS	103.4	103.6	104.8	102.1	98.4
241	Logging camps and logging contractors	5.8	5.0	5.7	5.5	5.5
242	Sawmills and planing mills	20.1	20.2	19.9	19.2	18.5
2421	Sawmills and planing mills, general	14.5	14.4	14.1	13.7	13.2
243	Millwork, plywood, and structural members	41.3	42.0	42.6	41.5	39.2
244	Wood containers	7.1	7.2	7.0	6.9	6.8
245	Wood buildings and mobile homes	8.3	8.2	8.6	8.2	7.9
249	Miscellaneous wood products	20.8	21.0	21.0	20.8	20.5
25	FURNITURE AND FIXTURES	138.4	140.4	146.1	147.0	144.7
251	Household furniture	99.9	101.5	103.0	103.7	102.3
2511	Wood household furniture	43.8	44.1	44.5	44.3	43.7
2512	Upholstered household furniture	33.3	33.7	34.9	34.6	34.0
2515	Mattresses and bedsprings	8.2	8.0	8.5	8.1	7.8
252	Office furniture	12.1	12.4	13.8	13.7	13.6
253	Public building and related furniture	4.9	5.0	5.8	5.9	5.8
254	Partitions and fixtures	10.7	10.7	11.3	11.3	10.9
259	Miscellaneous furniture and fixtures	10.8	10.8	12.2	12.4	12.1
32	STONE, CLAY, AND GLASS PRODUCTS	125.8	126.6	130.8	129.4	127.4
322	Cut and glassware, pressed or blown	41.3	41.1	41.7	41.5	40.4
3221	Glass containers	23.4	23.0	23.2	23.0	22.1
3229	Pressed and blown glass, nec	17.9	18.1	18.5	18.5	18.3
323	Products of purchased glass	13.4	13.3	13.8	13.4	13.4
324	Cement, hydraulic	1.6	1.7	1.8	1.7	1.7
325	Structural clay products	6.4	6.5	6.8	6.7	6.6
326	Pottery and related products	15.0	15.2	15.3	14.9	14.5
327	Concrete, gypsum, and plaster products	15.5	15.4	18.9	14.8	14.7
329	Misc. nonmetallic mineral products	29.8	30.6	33.1	32.9	32.7
33	PRIMARY METAL INDUSTRIES	121.7	123.9	125.1	121.9	118.9
331	Blast furnace and basic steel products	37.9	38.7	41.5	39.8	38.1
3312	Blast furnaces and steel mills	28.5	28.9	31.1	29.4	28.1
332	Iron and steel foundries	18.4	18.7	18.3	17.7	17.2

B-3. Women employees on nonagricultural payrolls by industry — Continued

(In thousands)

1972 SIC Code	Industry	Oct. 1980	Nov. 1980	Sept. 1981	Oct. 1981	Nov. 1981
	PRIMARY METAL INDUSTRIES — Continued					
3321	Gray iron foundries	8.5	8.9	9.0	8.6	8.3
3322	Malleable iron foundries	1.0	1.0	1.1	1.0	1.0
3325	Steel foundries, nec	5.0	5.0	4.7	4.6	4.5
333	Primary nonferrous metals	4.7	5.0	5.0	5.0	4.9
3334	Primary aluminum	2.2	2.2	2.2	2.2	2.1
335	Nonferrous rolling and drawing	41.1	41.5	38.7	38.0	37.5
3351	Copper rolling and drawing	3.3	3.2	3.6	3.4	3.4
3353	Aluminum sheet, plate, and foil	3.9	4.0	3.8	3.7	3.4
3357	Nonferrous wire drawing and insulating	25.7	26.0	23.5	23.3	23.2
336	Nonferrous foundries	14.1	14.4	15.7	15.5	15.3
3361	Aluminum foundries	6.9	7.1	8.0	8.0	7.9
34	FABRICATED METAL PRODUCTS	332.8	335.0	342.3	336.9	329.7
341	Metal cans and shipping containers	12.5	12.3	12.8	11.9	11.3
3411	Metal cans	10.8	10.6	11.0	10.1	9.6
342	Cutlery, hand tools, and hardware	55.9	57.2	57.9	56.7	55.9
3423, 5	Hand and edge tools, and hand saws and blades	15.9	16.0	16.6	16.5	16.2
3429	Hardware, nec	32.8	33.9	34.8	33.8	33.3
343	Plumbing and heating, except electric	15.8	15.4	17.2	16.9	16.7
344	Fabricated structural metal products	72.1	72.0	72.2	71.6	70.2
3441	Fabricated structural metal	7.2	7.2	7.5	7.4	7.3
3442	Metal doors, sash, and trim	21.3	21.4	20.7	20.2	19.4
3443	Fabricated plate work (boiler shops)	18.4	18.5	18.6	18.7	18.6
3444	Sheet metal work	15.7	15.5	15.9	15.8	15.4
345	Screw machine products, bolts, etc	23.4	23.6	23.5	23.5	22.9
3451	Screw machine products	12.1	12.2	12.0	12.1	11.7
3452	Bolts, nuts, rivets, and washers	11.3	11.4	11.5	11.4	11.2
346	Metal forgings and stampings	53.2	54.0	53.7	51.8	49.3
3462	Iron and steel forgings	4.2	4.3	4.2	4.1	4.0
3465	Automotive stampings	13.9	14.4	13.2	12.7	11.7
3469	Metal stampings, nec	32.6	32.8	33.6	32.4	31.0
347	Metal services, nec	24.4	24.3	25.0	25.1	24.8
3471	Plating and polishing	17.1	17.1	18.0	18.1	18.0
3479	Metal coating and allied services	7.3	7.2	7.0	7.0	6.8
348	Ordnance and accessories, nec	16.8	16.9	17.1	17.0	17.2
349	Misc. fabricated metal products	58.7	59.3	62.9	62.4	61.4
3494	Valves and pipe fittings	21.7	22.1	23.4	23.3	23.2
3496	Misc. fabricated wire products	14.3	14.4	15.3	15.2	15.0
35	MACHINERY, EXCEPT ELECTRICAL	491.8	495.8	516.0	517.3	515.6
351	Engines and turbines	24.4	24.9	26.9	25.2	25.6
3511	Turbines and turbine generator sets	6.1	6.2	5.8	5.9	5.9
3519	Internal combustion engines, nec	18.3	18.7	19.1	19.3	19.7
352	Farm and garden machinery	27.3	27.8	26.5	26.9	26.7
3523	Farm machinery and equipment	21.1	21.1	19.7	19.6	19.0
353	Construction and related machinery	48.6	49.4	53.9	53.6	53.6
3531	Construction machinery	13.9	14.3	16.0	15.9	15.9
3533	Oil field machinery	14.0	14.3	16.7	16.9	17.2
354	Metalworking machinery	56.8	57.0	57.6	57.4	57.2
3541	Machine tools, metal cutting types	10.3	10.6	10.5	10.4	10.0
3544	Special dies, tools, jigs, and fixtures	15.7	15.7	16.3	15.8	15.9
3545	Machine tool accessories	13.4	13.2	13.6	13.5	13.4
355	Special industry machinery	30.8	31.0	30.2	30.1	29.9
3551	Food products machinery	6.1	6.2	5.5	5.5	5.5
3552	Textile machinery	4.9	4.9	4.8	4.8	4.8
3555	Printing trades machinery	7.3	7.4	7.3	7.3	7.3
356	General industrial machinery	61.1	61.1	62.2	61.6	61.0
3561	Pumps and pumping equipment	11.4	11.3	11.7	11.7	11.5
3562	Ball and roller bearings	13.9	13.3	13.5	13.3	13.3
357	Office and computing machines	156.8	158.2	168.5	170.6	171.4
3573	Electronic computing equipment	128.6	129.8	139.8	142.1	143.1
358	Refrigeration and service machinery	37.6	37.9	39.3	39.3	38.3
3585	Refrigeration and heating equipment	24.9	25.7	26.6	26.4	25.2
359	Misc. machinery, except electrical	48.4	48.5	52.9	52.6	51.9
3599	Machinery, except electrical, nec	38.8	38.7	41.7	41.9	41.6
36	ELECTRIC AND ELECTRONIC EQUIPMENT	888.0	896.2	925.2	923.5	909.4
361	Electric distributing equipment	43.8	44.5	46.9	46.8	46.1
3612	Transformers	17.5	17.6	19.7	19.7	19.2
3613	Switchgear and switchboard apparatus	26.3	26.9	27.2	27.1	26.9
362	Electrical industrial apparatus	85.8	87.1	91.1	89.5	86.7
3621	Motors and generators	45.9	47.0	49.7	48.7	47.0
3622	Industrial controls	28.1	28.2	28.5	28.1	27.2
363	Household appliances	60.0	61.0	63.7	62.8	57.9
3632	Household refrigerators and freezers	8.7	9.1	10.6	9.8	7.6
3633	Household laundry equipment	4.4	4.5	4.2	4.2	3.3
3634	Electric housewares and fans	30.2	29.6	31.0	30.5	29.7
364	Electric lighting and wiring equipment	93.9	94.6	95.5	95.7	94.9
3641	Electric lamps	22.0	22.1	20.7	21.3	21.2

B-3. Women employees on nonagricultural payrolls by industry – Continued

(In thousands)

1972 SIC Code	Industry	Oct. 1980	Nov. 1980	Sept. 1981	Oct. 1981	Nov. 1981
	ELECTRIC AND ELECTRONIC EQUIPMENT — Continued	41.6	41.9	43.9	43.5	43.4
3643	Current-carrying wiring devices	59.2	59.5	59.8	59.0	57.2
365	Radio and TV receiving equipment	44.2	44.8	46.3	45.8	44.9
3651	Radio and TV receiving sets	208.5	205.6	209.8	210.9	210.1
366	Communication equipment	76.2	75.9	73.5	73.1	71.3
3661	Telephone and telegraph apparatus	128.3	129.9	136.3	137.7	138.8
3662	Radio and TV communication equipment	284.8	286.1	298.8	296.0	298.9
367	Electronic components and accessories	16.0	16.0	16.3	16.3	15.9
3671-3	Electronic tubes	105.6	109.1	107.8	108.2	108.0
3674	Semiconductors and related devices	113.9	114.5	120.3	122.0	121.9
3679	Electronic components, nec	56.0	57.6	63.6	62.9	62.1
369	Misc. electrical equipment and supplies	26.9	28.6	32.6	31.9	31.1
3694	Engine electrical equipment	295.0	299.7	310.1	308.1	303.6
37	**TRANSPORTATION EQUIPMENT**	106.3	109.9	107.1	107.2	108.5
371	Motor vehicles and equipment	41.1	42.8	36.4	37.8	37.4
3711	Motor vehicles and car bodies	3.8	4.2	3.9	3.8	3.7
3713	Truck and bus bodies	58.1	59.7	62.6	61.4	59.5
3714	Motor vehicle parts and accessories	120.4	121.2	127.6	126.8	125.8
372	Aircraft and parts	64.5	65.0	72.7	72.8	72.4
3721	Aircraft	28.9	28.9	27.7	27.4	26.8
3724	Aircraft engines and engine parts	27.0	27.3	27.2	27.0	26.6
3729	Aircraft equipment, nec	21.6	21.9	25.7	24.8	24.5
373	Ship and boat building and repairing	15.9	15.9	16.6	17.8	17.9
3731	Ship building and repairing	6.4	6.2	5.3	5.0	4.9
374	Railroad equipment	24.9	25.4	27.8	27.9	28.1
376	Guided missiles, space vehicles, parts	20.7	21.1	23.2	23.3	23.4
3761	Guided missiles and space vehicles	8.9	8.9	8.0	8.0	7.7
379	Miscellaneous transportation equipment	301.3	302.8	307.4	306.5	306.3
38	**INSTRUMENTS AND RELATED PRODUCTS**	24.1	24.1	24.5	24.7	24.6
381	Engineering and scientific instruments	104.6	104.7	107.7	106.8	105.9
382	Measuring and controlling devices	23.9	24.0	23.8	23.0	22.0
3822	Environmental controls	17.9	18.0	20.0	19.8	19.7
3823	Process control instruments	47.0	47.0	48.3	48.5	48.6
3825	Instruments to measure electricity	11.3	11.3	11.8	11.8	11.7
383	Optical instruments and lenses	84.4	85.4	86.6	86.9	87.9
384	Medical instruments and supplies	41.2	41.7	42.0	42.4	42.5
3841	Surgical and medical instruments	34.9	35.4	36.5	36.5	37.2
3842	Surgical appliances and supplies	25.3	25.6	24.6	24.1	24.2
385	Ophthalmic goods	39.0	39.4	40.6	40.7	41.1
386	Photographic equipment and supplies	12.6	12.3	11.6	11.5	10.9
387	Watches, clocks, and watchcases	198.3	195.5	201.1	202.5	200.3
39	**MISCELLANEOUS MANUFACTURING INDUSTRIES**	27.5	27.5	26.4	27.3	27.7
391	Jewelry, silverware, and plated ware	9.5	10.0	9.9	10.4	10.2
393	Musical instruments	62.6	59.4	64.1	63.7	61.9
394	Toys and sporting goods	35.7	32.3	36.9	36.5	34.2
3942, 4	Dolls, games, toys, and children's vehicles	26.9	27.1	27.4	27.2	27.7
3949	Sporting and athletic goods, nec	20.0	20.4	21.5	21.6	21.4
395	Pens, pencils, office and art supplies	30.0	30.2	27.7	28.0	28.2
396	Costume jewelry and notions	48.7	48.0	51.3	51.5	50.9
399	Miscellaneous manufactures					
	NONDURABLE GOODS	539.3	515.8	550.9	530.7	511.6
20	**FOOD AND KINDRED PRODUCTS**	116.5	118.2	114.8	114.7	115.0
201	Meat products	29.5	29.7	29.6	29.4	29.0
2011	Meat packing plants	20.5	20.8	20.8	20.5	20.8
2013	Sausages and other prepared meats	58.8	60.0	58.6	58.5	58.8
2016	Poultry dressing plants	38.4	38.0	37.5	37.0	36.9
202	Dairy products	17.3	17.2	16.9	16.8	16.6
2026	Fluid milk	124.8	107.4	142.4	117.0	101.8
203	Preserved fruits and vegetables	9.5	9.4	10.8	9.8	9.3
2032	Canned specialties	58.1	40.0	68.9	45.0	31.3
2033	Canned fruits and vegetables	22.9	21.6	24.6	24.0	23.1
2037	Frozen fruits and vegetables	30.4	29.9	30.8	30.7	30.4
204	Grain mill products	59.2	58.9	58.9	59.0	58.8
205	Bakery products	38.6	39.2	39.3	39.2	39.1
2051	Bread, cake, and related products	20.6	19.7	19.6	19.8	19.7
2052	Cookies and crackers	49.1	45.6	46.4	52.5	51.6
206	Sugar and confectionery products	6.1	6.1	6.0	6.1	6.2
207	Fats and oils	42.4	42.0	43.2	43.6	43.5
208	Beverages	7.6	7.6	8.0	8.2	8.2
2082	Malt beverages	18.6	18.5	19.7	19.6	19.6
2086	Bottled and canned soft drinks	72.4	69.7	70.9	70.1	67.4
209	Misc. foods and kindred products	28.5	28.3	29.4	29.4	27.8
21	**TOBACCO MANUFACTURES**	18.2	14.5	14.6	14.6	14.6
211	Cigarettes					

B-3. Women employees on nonagricultural payrolls by industry – Continued

(In thousands)

1972 SIC Code	Industry	Oct. 1980	Nov. 1980	Sept. 1981	Oct. 1981	Nov. 1981
22	TEXTILE MILL PRODUCTS	399.4	400.5	404.1	397.2	393.8
221	Weaving mills, cotton	64.4	64.5	61.6	60.8	61.0
222	Weaving mills, synthetics	48.7	48.6	49.7	47.6	48.3
223	Weaving and finishing mills, wool	7.0	7.1	7.1	7.1	7.3
224	Narrow fabric mills	13.7	13.6	15.0	14.7	14.3
225	Knitting mills	141.3	141.3	142.3	140.7	138.1
2251	Women's hosiery, except socks	22.9	22.9	22.7	22.7	22.8
2252	Hosiery, nec	24.0	24.0	25.0	24.9	24.4
2253	Knit outerwear mills	49.4	49.3	52.4	51.8	51.1
2254	Knit underwear mills	23.5	23.8	22.3	22.1	21.9
2257	Circular knit fabric mills	12.5	12.4	11.6	11.1	10.4
226	Textile finishing, except wool	21.6	21.4	22.2	22.2	21.9
2261	Finishing plants, cotton	9.2	9.0	9.6	10.0	9.8
2262	Finishing plants, synthetic	6.1	6.1	6.4	6.2	6.2
227	Floor covering mills	22.0	22.3	23.0	23.0	22.4
228	Yarn and thread mills	61.3	62.0	63.4	61.6	61.2
2281	Yarn mills, except wool	38.6	39.1	39.9	38.5	38.6
2282	Throwing and winding mills	12.0	12.1	12.1	11.9	11.8
229	Miscellaneous textile goods	19.4	19.7	19.8	19.5	19.3
23	APPAREL AND OTHER TEXTILE PRODUCTS	1,022.4	1,014.3	1,037.1	1,026.7	1,016.1
231	Men's and boys' suits and coats	60.7	61.0	62.0	61.5	62.3
232	Men's and boys' furnishings	301.3	300.1	300.4	297.7	297.1
2321	Men's and boys' shirts and nightwear	85.7	84.5	86.2	86.1	84.8
2327	Men's and boys' separate trousers	63.6	63.8	61.4	61.6	62.9
2328	Men's and boys' work clothing	84.1	84.2	85.5	83.2	83.5
233	Women's and misses' outerwear	351.6	346.1	359.7	353.0	346.6
2331	Women's and misses' blouses and waists	54.5	54.9	55.5	55.5	55.1
2335	Women's and misses' dresses	122.0	121.4	123.6	120.2	117.4
2337	Women's and misses' suits and coats	55.2	51.5	56.8	52.7	49.8
2339	Women's and misses' outerwear, nec	119.9	118.3	123.6	124.6	124.5
234	Women's and children's undergarments	77.2	76.3	79.3	79.3	78.3
2341	Women's and children's underwear	63.2	62.0	64.5	64.6	63.9
2342	Brassieres and allied garments	14.0	14.3	14.8	14.7	14.4
236	Children's outerwear	56.1	55.1	56.0	55.9	56.3
2361	Children's dresses and blouses	28.7	28.3	25.0	25.3	25.6
238	Misc. apparel and accessories	43.4	42.7	43.3	43.1	41.8
239	Misc. fabricated textile products	116.4	117.3	121.0	121.7	119.1
2391	Curtains and draperies	21.8	21.9	23.6	24.0	23.7
2392	House furnishings, nec	34.2	32.6	33.7	34.1	34.1
2396	Automotive and apparel trimmings	18.3	18.0	18.1	18.5	16.9
26	PAPER AND ALLIED PRODUCTS	159.3	159.4	165.0	161.8	159.7
261 2,6	Paper and pulp mills	27.7	28.0	28.6	28.2	28.1
262	Paper mills, except building paper	24.8	25.0	25.8	25.5	25.3
263	Paperboard mills	6.0	5.9	6.0	6.0	5.8
264	Misc. converted paper products	76.6	76.1	79.9	78.1	76.8
265	Paperboard containers and boxes	49.0	49.4	50.5	49.5	49.0
27	PRINTING AND PUBLISHING	499.1	504.7	516.6	521.5	523.7
271	Newspapers	159.7	160.9	165.9	167.8	168.9
272	Periodicals	53.9	54.2	55.5	55.8	56.6
273	Books	51.8	53.1	53.1	53.3	54.2
274	Miscellaneous publishing	25.7	27.2	26.5	26 9	27.3
275	Commercial printing	133.3	135.0	139.0	140.7	140.7
2751	Commercial printing, letterpress	56.5	56.9	58.4	59.4	59.7
2752	Commercial printing, lithographic	71.4	72.6	74.1	74.8	74.5
276	Manifold business forms	15.8	15.8	15.8	15.8	16.0
278	Blankbooks and bookbinding	31.9	31.5	33.4	33.5	32.7
279	Printing trade services	11.0	11.0	11.7	12.0	12.0
28	CHEMICALS AND ALLIED PRODUCTS	277.7	278.4	284.3	283.6	283.5
281	Industrial inorganic chemicals	24.0	24.1	24.5	24.4	24.7
2819	Industrial inorganic chemicals, nec	16.3	16.4	16.5	16.4	16.5
282	Plastics materials and synthetics	43.1	43.6	43.8	43.6	43.0
2821	Plastics materials and resins	11.3	11.5	11.8	11.7	11.6
2824	Organic fibers, noncellulosic	25.2	25.5	25.4	25.3	25.1
283	Drugs	83.0	83.4	86.7	86.8	86.6
2834	Pharmaceutical preparations	69.7	70.1	72.6	72.7	72.5
284	Soap, cleaners, and toilet goods	58.0	57.2	57.3	56.7	56.9
2841	Soap and other detergents	9.6	9.4	9.2	9.0	9.3
2844	Toilet preparations	34.6	34.1	34.5	34.2	34.1
285	Paints and allied products	12.4	12.4	12.5	12.6	12.3
286	Industrial organic chemicals	25.8	25.8	27.1	27.2	27.5
2861 9	Gum, wood, and industrial organic chemicals, nec	21.4	21.4	22.7	22.8	23.2
287	Agricultural chemicals	10.5	10.6	10.8	10.8	10.8
289	Miscellaneous chemical products	20.9	21.1	21.6	21.5	21.7

B-3. Women employees on nonagricultural payrolls by industry – Continued

(In thousands)

1972 SIC Code	Industry	Oct. 1980	Nov. 1980	Sept. 1981	Oct. 1981	Nov. 1981
29	PETROLEUM AND COAL PRODUCTS	26.0	26.2	31.0	31.0	31.1
291	Petroleum refining	22.9	23.1	25.8	25.7	25.9
30	RUBBER AND MISC. PLASTICS PRODUCTS	248.9	251.0	265.1	260.1	255.1
301	Tires and inner tubes	11.1	11.4	11.5	11.5	11.4
302	Rubber and plastics footwear	13.4	13.5	12.5	11.3	12.4
1014	Reclaimed rubber; and rubber and plastics hose and belting	5.7	5.8	7.0	6.7	6.4
306	Fabricated rubber products, nec	35.9	36.0	37.8	37.3	36.3
307	Miscellaneous plastics products	182.8	184.3	196.3	193.3	188.6
31	LEATHER AND LEATHER PRODUCTS	138.6	138.8	142.1	141.4	139.7
311	Leather tanning and finishing	2.8	2.7	3.0	3.0	2.9
314	Footwear, except rubber	93.7	93.9	95.8	94.9	93.7
3143	Men's footwear, except athletic	35.2	35.7	36.9	36.7	36.7
3144	Women's footwear, except athletic	35.4	35.2	35.2	35.0	36.4
316	Luggage	8.5	8.1	8.2	8.0	8.1
317	Handbags and personal leather goods	20.5	20.5	21.0	21.2	20.5
	TRANSPORTATION AND PUBLIC UTILITIES	1,319	1,316	1,360	1,363	1,361
41	LOCAL AND INTERURBAN PASSENGER TRANSIT	72.2	72.0	78.8	81.1	81.2
411	Local and suburban transportation	14.7	14.7	14.4	16.7	16.2
412	Taxicabs	7.1	7.1	7.2	7.1	7.2
413	Intercity highway transportation	5.2	5.2	5.2	4.9	4.9
415	School buses	42.5	42.4	47.2	49.5	50.0
42	TRUCKING AND WAREHOUSING	152.9	152.7	153.1	154.7	156.1
421,3	Trucking and trucking terminals	134.4	135.4	135.9	135.9	137.8
422	Public warehousing	18.5	17.3	17.2	18.8	18.3
44	WATER TRANSPORTATION	20.9	20.6	23.9	23.3	23.3
45	TRANSPORTATION BY AIR	147.4	146.6	151.8	150.1	147.8
451,2	Air transportation	139.0	138.2	142.7	140.9	138.8
46	PIPE LINES, EXCEPT NATURAL GAS	2.8	2.9	3.3	3.3	3.4
47	TRANSPORTATION SERVICES	91.2	90.9	107.8	108.7	107.3
48	COMMUNICATION	639.7	640.2	646.1	647.3	648.4
481	Telephone communication	552.5	553.1	553.5	553.6	553.9
483	Radio and television broadcasting	65.1	65.1	66.5	67.4	68.4
49	ELECTRIC, GAS, AND SANITARY SERVICES	156.3	156.7	168.6	168.9	169.1
491	Electric services	73.8	74.2	78.9	79.1	79.2
492	Gas production and distribution	36.9	36.8	39.6	39.5	39.5
493	Combination utility services	35.0	34.9	38.7	38.8	39.0
495	Sanitary services	5.7	5.9	6.4	6.5	6.5
	WHOLESALE AND RETAIL TRADE	8,986	9,175	9,276	9,315	9,433
50,51	WHOLESALE TRADE	1,389	1,385	1,405	1,418	1,424
50	WHOLESALE TRADE DURABLE GOODS	757	760	778	783	788
501	Motor vehicles and automotive equipment	88.9	88.7	90.6	91.1	90.9
502	Furniture and home furnishings	43.8	44.7	47.0	47.6	48.5
503	Lumber and construction materials	34.9	35.0	37.0	37.0	37.5
504	Sporting goods, toys, and hobby goods	24.1	24.3	25.7	25.8	26.3
505	Metals and minerals, except petroleum	29.0	29.2	30.1	30.0	30.0
506	Electrical goods	120.9	122.4	123.0	125.2	126.7
507	Hardware, plumbing, and heating equipment	65.3	65.4	66.3	66.6	66.4
508	Machinery, equipment, and supplies	302.4	302.2	310.7	312.7	315.3
509	Miscellaneous durable goods	48.0	48.0	47.5	47.2	47.0
51	WHOLESALE TRADE NONDURABLE GOODS	632	625	628	635	636
511	Paper and paper products	47.2	47.6	48.8	49.2	49.9
512	Drugs, proprietaries, and sundries	65.1	65.3	65.7	66.4	66.6
513	Apparel, piece goods, and notions	83.7	84.4	83.8	83.7	83.8
514	Groceries and related products	169.5	161.6	163.7	163.2	163.3
516	Chemicals and allied products	34.1	34.1	35.2	35.2	36.0
517	Petroleum and petroleum products	52.1	52.6	53.0	52.9	53.3
518	Beer, wine, and distilled beverages	21.4	21.6	22.1	21.9	22.2
519	Miscellaneous nondurable goods	115.3	114.8	117.7	119.1	118.1

B-3. Women employees on nonagricultural payrolls by industry – Continued

(In thousands)

1972 SIC Code	Industry	Oct. 1980	Nov. 1980	Sept. 1981	Oct. 1981	Nov. 1981
52-59	RETAIL TRADE	7,597	7,790	7,870	7,897	8,009
52	BUILDING MATERIALS AND GARDEN SUPPLIES	160.6	162.4	162.6	163.8	162.7
521	Lumber and other building materials	65.2	66.2	66.2	66.3	66.0
525	Hardware stores	54.7	55.6	56.1	56.2	56.5
53	GENERAL MERCHANDISE STORES	1,517.4	1,610.7	1,557.2	1,557.4	1,607.1
531	Department stores	1,241.2	1,323.7	1,279.7	1,278.3	1,319.5
533	Variety stores	196.3	203.3	193.6	193.6	197.6
539	Misc. general merchandise stores	79.9	83.7	83.9	85.5	90.0
54	FOOD STORES	1,034.5	1,049.8	1,066.8	1,074.2	1,087.1
541	Grocery stores	869.5	879.6	895.6	898.8	908.1
542	Meat markets and freezer provisioners	17.8	18.1	16.8	16.7	16.9
546	Retail bakeries	79.2	80.8	80.7	81.6	82.1
55	AUTOMOTIVE DEALERS AND SERVICE STATIONS	303.2	304.6	313.9	314.9	313.9
551,2	New and used car dealers	111.9	112.5	114.0	114.0	113.2
553	Auto and home supply stores	48.3	49.7	49.5	50.3	50.2
554	Gasoline service stations	128.2	127.5	135.4	135.9	136.3
56	APPAREL AND ACCESSORY STORES	673.2	702.3	678.6	686.5	713.0
561	Men's and boys' clothing and furnishings	57.9	61.3	58.8	59.7	61.9
562	Women's ready-to-wear stores	317.2	328.0	312.9	318.3	329.6
565	Family clothing stores	137.0	148.0	142.9	142.8	151.5
566	Shoe stores	83.2	83.3	85.3	84.6	86.1
57	FURNITURE AND HOME FURNISHING STORES	205.6	210.2	207.6	212.2	215.2
571	Furniture and home furnishings stores	135.8	139.3	139.3	141.2	141.7
572	Household appliance stores	22.9	23.6	22.6	23.8	25.1
573	Radio, television, and music stores	46.9	47.3	45.7	47.2	48.4
58	EATING AND DRINKING PLACES	2,666.1	2,680.2	2,804.6	2,784.0	2,771.3
59	MISCELLANEOUS RETAIL	1,036.5	1,070.0	1,078.9	1,104.1	1,138.3
591	Drug stores and proprietary stores	306.5	304.1	308.3	312.1	316.6
592	Liquor stores	31.2	31.2	35.6	36.0	37.1
594	Miscellaneous shopping goods stores	363.2	387.4	391.3	397.0	413.1
596	Nonstore retailers	166.0	174.6	170.2	181.8	192.4
598	Fuel and ice dealers	23.5	23.6	23.1	23.9	24.0
599	Retail stores, nec	125.8	128.8	130.4	133.3	135.3
	FINANCE, INSURANCE, AND REAL ESTATE	3,070	3,086	3,185	3,189	3,197
60	BANKING	1,118.2	1,126.9	1,158.0	1,160.4	1,164.6
602	Commercial and stock savings banks	1,029.2	1,037.2	1,065.2	1,067.1	1,071.0
61	CREDIT AGENCIES OTHER THAN BANKS	379.9	383.1	396.3	398.0	398.9
612	Savings and loan associations	187.1	189.8	198.0	200.0	202.0
614	Personal credit institutions	121.3	121.4	127.0	126.6	126.0
62	SECURITY, COMMODITY BROKERS, AND SERVICES	95.2	96.4	107.0	107.8	109.0
621	Security brokers and dealers	76.4	77.5	88.0	88.7	89.7
63	INSURANCE CARRIERS	748.2	749.2	755.7	756.0	756.4
631	Life insurance	293.6	293.7	300.6	301.4	302.5
632	Medical service and health insurance	104.3	104.7	104.1	104.1	103.8
633	Fire, marine, and casualty insurance	301.2	301.2	301.9	301.9	302.3
64	INSURANCE AGENTS, BROKERS, AND SERVICE	284.9	285.8	295.8	298.3	299.5
65	REAL ESTATE	368.0	368.4	391.1	387.1	386.6
651	Real estate operators and lessors	142.9	142.5	153.5	152.4	152.4
653	Real estate agents and managers	174.7	175.6	183.8	181.3	181.3
655	Subdividers and developers	35.7	35.5	38.8	38.8	38.7
66	COMBINED REAL ESTATE, INSURANCE, ETC	13.3	13.3	12.6	12.5	12.6
67	HOLDING AND OTHER INVESTMENT OFFICES	62.5	62.9	68.8	69.0	68.9
	SERVICES	10,647	10,679	11,068	11,134	11,136
70	HOTELS AND OTHER LODGING PLACES	592.9	564.8	638.3	599.6	574.8
701	Hotels, motels, and tourist courts	575.7	548.7	615.7	581.7	557.4

B-3. Women employees on nonagricultural payrolls by industry — Continued

(In thousands)

1972 SIC Code	Industry	Oct. 1980	Nov. 1980	Sept. 1981	Oct. 1981	Nov. 1981
	PERSONAL SERVICES	610.5	615.9	614.4	622.5	624.2
72	Laundry, cleaning, and garment services	225.7	226.8	223.9	226.5	227.4
721	Beauty shops	253.5	255.7	258.5	258.2	258.5
723	Funeral service and crematories	19.0	19.0	19.9	20.0	20.2
726						
	BUSINESS SERVICES	1,376.7	1,394.9	1,462.6	1,485.0	1,482.1
73	Advertising	72.3	72.3	74.1	74.7	75.4
731	Credit reporting and collection	53.1	53.2	50.9	50.7	50.3
732	Mailing, reproduction, stenographic	62.5	62.4	64.6	67.0	67.0
733	Services to buildings	187.0	186.2	204.3	204.3	206.6
734	Personnel supply services	353.8	363.1	381.2	384.6	371.2
736	Computer and data processing services	145.8	147.9	166.5	168.8	171.4
737						
	AUTO REPAIR, SERVICES, AND GARAGES	96.1	96.6	95.9	96.9	96.3
75	Automotive repair shops	42.1	42.3	44.0	45.0	44.6
753						
	MISCELLANEOUS REPAIR SERVICES	59.8	59.6	58.5	59.6	59.3
76						
	MOTION PICTURES	75.6	77.1	92.2	85.7	83.5
78	Motion picture production and services	20.5	22.9	22.8	24.0	25.1
781	Motion picture theaters	49.3	48.3	63.3	55.6	52.3
783						
	AMUSEMENT AND RECREATION SERVICES	278.2	264.0	348.5	297.0	289.2
79						
	HEALTH SERVICES	4,355.3	4,378.6	4,550.7	4,576.6	4,591.7
80	Offices of physicians	590.4	592.2	617.1	619.4	619.8
801	Offices of dentists	291.2	295.9	304.6	310.0	313.4
802	Nursing and personal care facilities	907.4	910.7	941.1	942.1	944.6
805	Hospitals	2,255.0	2,263.5	2,356.2	2,372.4	2,379.3
806						
	LEGAL SERVICES	361.0	365.5	382.0	385.8	388.5
81						
	EDUCATIONAL SERVICES	644.8	649.0	574.2	649.0	657.5
82	Elementary and secondary schools	199.2	200.8	175.2	184.5	185.3
821	Colleges and universities	378.8	379.8	331.9	394.1	401.2
822						
	SOCIAL SERVICES	861.5	872.6	879.1	889.6	893.8
83						
	MISCELLANEOUS SERVICES	324.1	325.1	347.0	348.9	350.4
89	Engineering and architectural services	116.4	117.2	124.3	124.6	125.1
891	Accounting, auditing, and bookkeeping	149.5	149.3	162.5	164.3	165.1
893						
	GOVERNMENT	7,896	8,006	7,399	7,717	7,815
	FEDERAL GOVERNMENT	875	876	866	865	862
	STATE AND LOCAL GOVERNMENT	7,021	7,130	6,533	6,852	6,953
	State government	1,663.2	1,681.0	1,586.0	1,661.1	1,672.1
	Hospitals	336.3	336.3	338.8	336.2	336.3
	State education	697.9	713.7	605.8	682.2	695.7
	General administration including executive, legislative, and judicial functions	419.8	421.0	431.3	433.2	431.6
	Local government	5,358.1	5,448.8	4,946.5	5,190.4	5,280.7
	Transportation and public utilities	99.4	98.9	104.8	102.9	104.9
	Hospitals	495.4	498.4	513.8	516.1	517.4
	Local education	3,548.7	3,617.3	3,149.0	3,420.6	3,497.9
	General administration including executive, legislative, and judicial functions	982.1	1,000.1	977.7	958.8	968.3

ESTABLISHMENT DATA
SEASONALLY ADJUSTED EMPLOYMENT

B-4. Employees on nonagricultural payrolls by industry division and major manufacturing group, seasonally adjusted

(In thousands)

Industry division and group	1981												1982
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec. p	Jan. p
TOTAL	91,091	91,258	91,347	91,458	91,564	91,615	91,880	91,901	92,033	91,832	91,522	91,096	90,859
GOODS PRODUCING	25,647	25,657	25,705	25,700	25,705	25,818	25,939	25,931	25,930	25,662	25,418	25,117	24,761
MINING	1,083	1,091	1,098	950	957	1,110	1,132	1,151	1,162	1,162	1,172	1,176	1,174
CONSTRUCTION	4,390	4,389	4,416	4,418	4,334	4,284	4,272	4,275	4,272	4,259	4,229	4,191	4,052
MANUFACTURING	20,174	20,177	20,191	20,332	20,414	20,424	20,535	20,505	20,496	20,241	20,017	19,750	19,537
DURABLE GOODS	12,084	12,074	12,099	12,207	12,254	12,278	12,333	12,332	12,311	12,115	11,932	11,727	11,588
Lumber and wood products	689	691	692	702	710	699	702	686	677	652	634	618	606
Furniture and fixtures	464	466	467	478	484	486	488	487	485	480	470	465	456
Stone, clay, and glass products	654	654	651	656	658	658	658	660	655	644	634	621	608
Primary metal industries	1,137	1,140	1,141	1,145	1,142	1,144	1,140	1,148	1,139	1,114	1,090	1,061	1,048
Fabricated metal products	1,579	1,577	1,581	1,595	1,604	1,604	1,614	1,610	1,606	1,575	1,546	1,514	1,494
Machinery, except electrical	2,487	2,481	2,480	2,491	2,511	2,521	2,533	2,542	2,551	2,549	2,522	2,490	2,464
Electric and electronic equipment	2,110	2,110	2,117	2,134	2,143	2,148	2,163	2,166	2,163	2,150	2,119	2,088	2,077
Transportation equipment	1,840	1,833	1,849	1,878	1,872	1,886	1,886	1,889	1,889	1,811	1,783	1,736	1,719
Instruments and related products	713	711	712	714	716	717	723	727	727	723	719	716	712
Miscellaneous manufacturing ind	411	411	409	414	414	415	426	417	419	417	415	418	404
NONDURABLE GOODS	8,090	8,103	8,092	8,125	8,160	8,146	8,202	8,173	8,185	8,126	8,085	8,023	7,949
Food and kindred products	1,696	1,705	1,691	1,697	1,703	1,673	1,691	1,668	1,669	1,675	1,676	1,669	1,665
Tobacco manufactures	71	72	72	72	71	71	71	73	71	70	70	69	71
Textile mill products	841	839	838	842	843	846	856	849	849	833	823	814	795
Apparel and other textile products	1,244	1,243	1,243	1,250	1,258	1,264	1,278	1,272	1,273	1,259	1,251	1,233	1,206
Paper and allied products	691	691	689	691	694	695	696	698	703	691	686	682	678
Printing and publishing	1,269	1,272	1,276	1,280	1,283	1,284	1,290	1,295	1,301	1,302	1,302	1,300	1,302
Chemicals and allied products	1,106	1,109	1,108	1,107	1,109	1,111	1,110	1,106	1,112	1,108	1,104	1,102	1,097
Petroleum and coal products	211	210	210	211	213	212	212	212	211	210	210	209	203
Rubber and misc. plastic products	730	731	734	744	753	757	760	764	760	744	733	722	716
Leather and leather products	231	231	231	231	233	233	238	236	236	234	230	223	216
SERVICE PRODUCING	65,444	65,601	65,642	65,758	65,859	65,797	65,941	65,970	66,103	66,170	66,104	65,979	66,098
TRANSPORTATION AND PUBLIC UTILITIES	5,124	5,135	5,139	5,161	5,148	5,149	5,167	5,170	5,186	5,168	5,147	5,109	5,108
WHOLESALE AND RETAIL TRADE	20,529	20,600	20,635	20,636	20,714	20,717	20,796	20,862	20,872	20,916	20,838	20,725	20,893
WHOLESALE TRADE	5,305	5,313	5,316	5,333	5,346	5,349	5,360	5,375	5,370	5,360	5,363	5,337	5,331
RETAIL TRADE	15,224	15,287	15,319	15,303	15,368	15,368	15,436	15,487	15,502	15,556	15,475	15,388	15,562
FINANCE, INSURANCE, AND REAL ESTATE	5,268	5,283	5,293	5,316	5,326	5,331	5,344	5,354	5,366	5,360	5,355	5,367	5,359
SERVICES	18,300	18,343	18,371	18,475	18,540	18,560	18,642	18,667	18,774	18,788	18,838	18,848	18,842
GOVERNMENT	16,223	16,240	16,204	16,170	16,131	16,040	15,992	15,917	15,905	15,938	15,926	15,930	15,896
FEDERAL	2,799	2,795	2,781	2,767	2,779	2,781	2,777	2,770	2,765	2,759	2,748	2,738	2,733
STATE AND LOCAL	13,424	13,445	13,423	13,403	13,352	13,259	13,215	13,147	13,140	13,179	13,178	13,192	13,163

p=preliminary

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B-5. Women employees on nonagricultural payrolls by industry division and major manufacturing group, seasonally adjusted

(In thousands)

Industry division and group	1980		1981										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
TOTAL	38,570	38,657	38,780	38,877	38,931	38,987	39,088	39,264	39,469	39,482	39,467	39,459	[1]
GOODS PRODUCING	6,778	6,795	6,806	6,814	6,823	6,878	6,915	6,936	7,016	6,999	6,986	6,939	6,868
MINING	111	113	115	117	119	114	116	124	127	129	132	134	135
CONSTRUCTION	388	390	391	392	394	397	397	398	402	401	401	400	399
MANUFACTURING	6,279	6,292	6,300	6,305	6,310	6,367	6,402	6,414	6,487	6,469	6,453	6,405	6,334
DURABLE GOODS	2,990	3,000	3,008	3,013	3,020	3,054	3,073	3,087	3,116	3,118	3,104	3,073	3,023
Lumber and wood products	102	103	104	104	104	106	108	107	108	105	103	100	97
Furniture and fixtures	138	139	139	141	141	145	146	148	149	148	146	146	142
Stone, clay, and glass products	126	125	126	127	126	127	128	129	131	131	130	129	126
Primary metal industries	124	124	124	124	124	127	128	127	125	128	126	122	118
Fabricated metal products	330	331	330	331	333	337	341	342	345	345	343	334	325
Machinery, except electrical	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Electric and electronic equipment	888	892	897	898	902	912	915	916	926	925	925	918	901
Transportation equipment	296	291	292	294	295	302	303	308	311	314	309	304	299
Instruments and related products	302	304	303	302	302	303	305	304	308	310	309	307	306
Miscellaneous manufacturing, nec	188	191	192	191	191	192	194	193	200	195	194	193	193
NONDURABLE GOODS	3,289	3,292	3,292	3,292	3,290	3,313	3,329	3,327	3,371	3,351	3,349	3,332	3,311
Food and kindred products	506	505	505	505	500	506	507	495	504	496	490	500	502
Tobacco manufactures	26	25	26	26	26	26	26	26	26	27	26	26	25
Textile mill products	398	398	397	396	395	398	399	400	405	402	403	396	391
Apparel and other textile products	1,008	1,006	1,004	1,001	1,001	1,006	1,012	1,019	1,033	1,025	1,028	1,016	1,010
Paper and allied products	159	159	159	160	160	161	162	160	163	164	165	161	159
Printing and publishing	502	504	504	505	507	510	511	512	515	517	519	522	521
Chemicals and allied products	278	280	281	282	283	282	282	283	283	282	283	283	283
Petroleum and coal products	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Rubber and misc. plastics products	247	249	250	250	252	257	261	263	268	267	264	257	251
Leather and leather products	137	137	137	138	137	137	139	139	144	141	141	140	138
SERVICE PRODUCING	31,792	31,862	31,974	32,063	32,108	32,109	32,173	32,328	32,453	32,483	32,481	32,520	[1]
TRANSPORTATION AND PUBLIC UTILITIES	1,307	1,311	1,310	1,314	1,318	1,327	1,329	1,335	1,340	1,345	1,356	1,355	1,350
WHOLESALE AND RETAIL TRADE	8,941	8,946	8,998	9,031	9,051	8,990	9,024	9,166	9,207	9,237	9,251	9,261	9,192
WHOLESALE TRADE	1,370	1,378	1,375	1,378	1,377	1,388	1,389	1,388	1,393	1,403	1,405	1,401	1,409
RETAIL TRADE	7,571	7,568	7,623	7,653	7,674	7,602	7,635	7,778	7,814	7,834	7,846	7,858	7,783
FINANCE, INSURANCE, AND REAL ESTATE	3,089	3,103	3,120	3,130	3,138	3,153	3,169	3,172	3,184	3,185	3,198	3,199	3,200
SERVICES	10,671	10,720	10,765	10,803	10,830	10,882	10,906	10,924	10,979	10,994	11,057	11,101	11,125
GOVERNMENT	7,784	7,782	7,781	7,785	7,771	7,757	7,745	7,731	7,743	7,722	7,619	7,604	[1]
FEDERAL	886	887	887	885	878	877	877	876	878	877	877	873	[1]
STATE AND LOCAL	6,898	6,895	6,894	6,900	6,893	6,880	6,868	6,855	6,865	6,845	6,742	6,731	6,724

[1] This series is not published seasonally adjusted since the seasonal component is small relative to the trend-cycle and/or irregular components and consequently cannot be separated with sufficient precision.

ESTABLISHMENT DATA
SEASONALLY ADJUSTED EMPLOYMENT

B-6. Production or nonsupervisory workers' on private nonagricultural payrolls by industry division and major manufacturing group, seasonally adjusted

(In thousands)

Industry division and group	1981												1982
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec. p	Jan. p
TOTAL PRIVATE	60,807	60,870	60,961	61,114	61,179	61,292	61,585	61,622	61,770	61,527	61,210	60,742	60,566
GOODS PRODUCING	18,305	18,298	18,346	18,338	18,317	18,387	18,476	18,459	18,454	18,185	17,934	17,629	17,510
MINING	800	806	813	689	694	819	834	850	857	854	862	865	855
CONSTRUCTION	3,452	3,439	3,459	3,462	3,376	3,323	3,315	3,315	3,316	3,301	3,275	3,232	3,089
MANUFACTURING	14,053	14,053	14,074	14,187	14,247	14,245	14,327	14,294	14,281	14,030	13,797	13,532	13,366
DURABLE GOODS	8,306	8,297	8,325	8,412	8,442	8,455	8,491	8,485	8,465	8,267	8,083	7,880	7,772
Lumber and wood products	575	576	577	586	593	585	585	571	563	540	521	505	488
Furniture and fixtures	374	376	376	386	392	393	396	395	391	385	376	372	364
Stone, clay, and glass products	504	503	501	506	507	506	508	510	505	495	485	472	460
Primary metal industries	876	879	879	884	880	882	879	883	877	851	828	801	797
Fabricated metal products	1,166	1,164	1,169	1,178	1,184	1,187	1,197	1,193	1,187	1,157	1,132	1,100	1,081
Machinery, except electrical	1,577	1,573	1,575	1,580	1,594	1,602	1,605	1,618	1,624	1,615	1,587	1,557	1,538
Electric and electronic equipment	1,324	1,326	1,334	1,345	1,353	1,354	1,365	1,364	1,362	1,347	1,308	1,278	1,273
Transportation equipment	1,183	1,176	1,190	1,218	1,210	1,218	1,213	1,217	1,221	1,147	1,121	1,070	1,061
Instruments and related products	422	419	420	422	423	422	427	426	426	423	418	418	416
Miscellaneous manufacturing ind.	305	305	304	307	306	306	316	308	309	307	307	307	294
NONDURABLE GOODS	5,747	5,756	5,749	5,775	5,805	5,790	5,836	5,809	5,816	5,763	5,714	5,652	5,594
Food and kindred products	1,162	1,168	1,158	1,164	1,170	1,144	1,160	1,140	1,140	1,149	1,149	1,142	1,139
Tobacco manufactures	55	55	56	56	55	56	55	57	56	55	55	54	56
Textile mill products	729	727	727	729	731	733	742	736	737	722	710	700	684
Apparel and other textile products	1,062	1,061	1,061	1,065	1,071	1,077	1,092	1,082	1,084	1,071	1,062	1,046	1,022
Paper and allied products	521	520	519	521	523	524	525	526	531	520	516	511	509
Printing and publishing	705	707	708	709	710	709	711	714	718	718	716	716	720
Chemicals and allied products	623	625	626	627	629	632	630	630	631	626	620	614	611
Petroleum and coal products	134	134	134	134	135	133	133	132	131	130	129	128	124
Rubber and misc. plastics products	562	564	566	575	584	585	586	592	588	573	561	552	547
Leather and leather products	194	195	194	195	197	197	202	200	200	199	196	189	192
SERVICE PRODUCING	42,502	42,572	42,615	42,776	42,862	42,905	43,109	43,163	43,316	43,342	43,276	43,113	43,056
TRANSPORTATION AND PUBLIC UTILITIES	4,264	4,270	4,268	4,291	4,272	4,269	4,284	4,284	4,305	4,277	4,263	4,225	4,231
WHOLESALE AND RETAIL TRADE	17,982	18,013	18,031	18,027	18,084	18,093	18,200	18,230	18,271	18,311	18,218	18,110	18,245
WHOLESALE TRADE	4,324	4,329	4,330	4,342	4,352	4,350	4,367	4,370	4,367	4,359	4,359	4,341	4,326
RETAIL TRADE	13,658	13,684	13,701	13,685	13,732	13,743	13,833	13,860	13,904	13,952	13,859	13,769	13,919
FINANCE, INSURANCE, AND REAL ESTATE	3,986	3,992	3,996	4,017	4,024	4,030	4,037	4,047	4,055	4,049	4,039	4,040	4,042
SERVICES	16,270	16,297	16,320	16,441	16,482	16,513	16,588	16,602	16,685	16,705	16,756	16,738	16,748

[1] For coverage of series, see footnote 1, table B-2.

p = preliminary.

B-7. Indexes of diffusion: Percent of industries in which employment[1] increased

Year and month	Over 1-month span	Over 3-month span	Over 6-month span	Over 12-month span
1979				
January	65.1	72.1	72.1	74.7
February	66.0	68.6	71.8	70.6
March	64.2	65.7	70.1	69.5
April	54.1	65.7	64.8	67.2
May	60.5	62.8	59.6	59.6
June	62.5	63.7	54.4	58.1
July	57.0	55.5	56.7	55.8
August	53.2	50.0	51.5	55.2
September	49.1	53.5	52.0	50.0
October	61.6	52.0	50.6	46.2
November	49.4	53.5	51.2	38.1
December	49.7	49.4	47.7	35.8
1980				
January	52.6	50.6	40.4	32.0
February	53.2	46.8	33.4	32.6
March	49.4	38.7	30.8	31.7
April	34.6	30.8	24.7	32.3
May	32.8	27.0	26.2	31.4
June	31.4	25.9	28.2	31.4
July	36.9	35.5	35.2	31.4
August	64.8	58.9	45.1	32.6
September	64.0	71.2	61.0	34.9
October	61.3	69.8	73.5	43.6
November	63.4	64.8	7 .7	55.8
December	58.7	64.0	65.4	70.3
1981				
January	59.6	61.0	68.6	78.8
February	55.8	61.3	68.6	75.6
March	52.3	64.2	67.2	73.3
April	69.8	68.9	70.3	64.2
May	62.5	66.9	67.7	54.1
June	51.5	68.6	71.8	45.6p
July	67.2	60.2	52.9	36.9p
August	49.7	66.6	38.7	
September	58.3	39.2	33.7p	
October	30.2	33.1	26.7p	
November	27.9	24.7p		
December	29.7p	22.4p		
1982				
January	31.7p			
February				
March				
April				
May				
June				
July				
August				
September				
October				
November				
December				

[1] Number of employees, seasonally adjusted, on payrolls of 172 private nonagricultural industries.
p = preliminary.

ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division

(In thousands)

State and area	Total			Mining			Construction			Manufacturing		
	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P
1 **ALABAMA**	1,364.9	1,349.2	1,348.3	16.9	17.5	17.3	71.2	65.6	69.7	358.0	349.7	347.7
2 Birmingham	353.4	350.1	351.2	5.6	5.6	5.6	19.1	19.1	18.4	61.5	59.2	58.9
3 Huntsville	120.4	122.3	122.8	(1)	(1)	(1)	5.9	6.0	5.8	35.8	36.9	36.9
4 Mobile	154.4	150.0	149.4	(1)	(1)	(1)	11.8	7.9	7.9	29.2	30.6	30.2
5 Montgomery	107.3	105.8	106.0	(1)	(1)	(1)	6.5	6.2	6.1	15.6	15.4	15.3
6 Tuscaloosa	50.9	49.8	50.4	2.3	2.5	2.5	2.2	2.1	2.0	8.2	7.9	7.8
7 **ALASKA**	162.9	179.0	176.1	6.7	7.6	7.5	8.7	13.4	11.9	9.3	8.9	7.9
8 **ARIZONA**	1,028.6	1,028.7	1,033.5	24.5	24.7	24.5	73.4	69.1	63.5	156.3	157.4	156.9
9 Phoenix	644.2	649.1	652.4	.4	.4	.4	49.9	44.9	44.5	114.4	115.0	114.2
10 Tucson	156.5	165.8	161.1	7.6	7.5	7.4	14.2	11.2	11.2	22.1	23.8	24.4
11 **ARKANSAS**	746.7	746.9	742.5	5.2	5.3	5.3	35.4	32.6	32.1	209.5	209.4	207.6
12 Fayetteville—Springdale	65.6	66.8	65.9	(1)	(1)	(1)	2.7	2.6	2.6	19.5	20.0	19.4
13 Fort Smith	67.2	66.2	65.5	1.0	1.2	1.2	2.6	2.3	2.2	21.3	20.2	19.8
14 Little Rock–North Little Rock	180.5	179.3	179.6	(1)	(1)	(1)	8.7	8.9	8.8	30.0	28.5	28.4
15 Pine Bluff	32.9	32.3	32.4	(1)	(1)	(1)	2.7	2.0	1.9	6.3	6.3	6.3
16 **CALIFORNIA**	9,966.3	10,010.1	10,012.4	44.2	46.3	46.1	419.8	374.0	364.1	1,588.2	1,965.5	1,943.6
17 Anaheim–Santa Ana–Garden Grove	855.0	869.5	873.6	2.3	2.6	2.6	50.4	44.3	48.4	221.2	222.7	222.1
18 Bakersfield	133.6	135.7	136.4	11.4	12.1	12.2	7.6	7.6	7.5	9.3	9.4	9.7
19 Fresno	166.1	165.1	164.5	1.0	1.1	1.1	10.8	10.4	10.2	22.1	22.5	21.3
20 Los Angeles—Long Beach	3,685.2	3,687.0	3,697.3	13.5	14.3	14.3	116.8	110.0	107.4	922.1	907.6	897.7
21 Modesto	87.7	88.5	88.0	.1	.1	.1	5.1	4.4	4.4	17.9	18.6	18.3
22 Oxnard—Simi Valley—Ventura	193.2	196.5	198.3	2.7	2.9	2.9	8.8	8.3	8.3	24.0	25.5	24.9
23 Riverside–San Bernardino–Ontario	443.0	444.6	446.8	2.2	2.3	2.3	28.1	25.6	25.4	63.1	63.3	62.8
24 Sacramento	406.2	407.8	406.4	.5	.5	.5	18.2	17.0	16.7	26.7	26.6	26.5
25 Salinas—Seaside—Monterey	87.6	90.4	89.1	.4	.4	.4	3.3	3.2	3.2	8.0	8.8	7.8
26 San Diego	663.7	661.2	663.4	.4	.6	.6	38.8	36.2	35.4	106.9	106.0	106.2
27 San Francisco—Oakland	1,562.7	1,594.5	1,601.6	3.4	3.9	3.8	73.6	71.9	70.8	204.6	203.3	203.1
28 San Jose	651.1	655.1	656.4	.2	.2	.2	25.7	23.1	22.7	242.6	241.3	240.4
29 Santa Barbara–Santa Maria–Lompoc	124.3	124.7	124.6	1.5	1.6	1.6	5.1	4.9	4.8	16.2	16.1	15.6
30 Santa Rosa	92.6	94.7	95.1	.4	.4	.4	5.7	5.3	5.1	15.1	15.6	15.5
31 Stockton	118.5	118.2	117.3	.1	.1	.1	5.5	4.9	4.7	19.0	19.1	18.6
32 Vallejo—Fairfield—Napa	101.8	104.4	103.5	.5	.6	.6	5.2	4.8	4.6	10.8	10.8	10.8
33 **COLORADO**	1,277.0	1,257.6	1,258.5	35.2	33.6	33.8	76.4	76.2	73.6	181.8	185.8	185.2
34 Denver—Boulder	845.3	834.5	834.0	22.5	21.1	21.3	45.0	44.7	43.4	125.6	129.4	129.7
35 **CONNECTICUT**	1,441.6	1,432.3	1,435.0	(2)	(2)	(2)	49.1	52.1	49.8	440.8	430.4	428.8
36 Bridgeport	184.8	174.8	175.3	(2)	(2)	(2)	4.2	4.4	4.2	65.1	66.7	66.7
37 Hartford	402.8	403.3	404.1	(2)	(2)	(2)	13.8	13.1	12.4	99.5	94.7	94.4
38 New Britain	66.1	66.6	66.4	(2)	(2)	(2)	2.1	2.3	2.1	30.0	29.3	29.1
39 New Haven—West Haven	156.3	154.2	155.1	(2)	(2)	(2)	7.3	7.7	7.3	42.1	38.8	38.7
40 Stamford	110.6	111.8	112.8	(2)	(2)	(2)	5.6	5.8	5.7	31.7	31.1	31.2
41 Waterbury	88.3	89.5	89.4	(2)	(2)	(2)	2.8	2.8	2.6	32.9	33.2	32.9
42 **DELAWARE**	263.6	257.1	260.3	(1)	(1)	(1)	14.2	14.9	14.8	74.1	67.7	70.9
43 Wilmington	234.2	228.9	231.4	(1)	(1)	(1)	14.6	15.6	15.4	67.5	61.7	64.6
44 **DISTRICT OF COLUMBIA**	616.5	606.1	607.0	(1)	(1)	(1)	13.2	13.3	12.9	15.4	14.7	14.8
45 Washington SMSA	1,567.0	1,592.4	1,596.5	(1)	(1)	(1)	74.8	69.4	67.7	56.0	55.9	55.5
46 **FLORIDA**	3,711.6	3,809.8	(4)	10.5	10.6	(4)	282.3	278.1	(4)	467.5	472.3	(4)
47 Bradenton	45.1	44.3	44.6	–	–	–	3.6	3.8	3.8	7.6	7.0	6.8
48 Daytona Beach	77.0	77.0	77.1	(1)	(1)	(1)	4.9	4.8	4.8	8.4	8.2	8.0
49 Fort Lauderdale—Hollywood	356.2	347.4	347.5	(1)	(1)	(1)	33.7	30.0	29.8	41.5	40.2	40.2
50 Fort Myers—Cape Coral	65.6	66.2	65.6	(1)	(1)	(1)	7.8	7.4	7.4	3.6	3.7	3.7
51 Gainesville	65.5	69.0	68.7	(1)	(1)	(1)	3.9	3.6	3.5	4.6	5.0	4.6
52 Jacksonville	297.7	301.4	302.5	(1)	(1)	(1)	16.0	16.6	16.6	34.2	35.3	35.3
53 Lakeland—Winter Haven	120.5	116.0	116.5	5.7	5.1	5.1	8.9	8.7	8.9	24.1	22.4	22.6
54 Melbourne–Titusville–Cocoa	104.2	103.2	103.5	(1)	(1)	(1)	6.4	6.1	6.1	23.5	23.6	23.8
55 Miami	726.8	721.7	722.9	(1)	(1)	(1)	19.1	34.6	34.4	103.0	99.7	99.4
56 Orlando	292.3	291.9	294.5	(1)	(1)	(1)	20.6	19.0	18.8	36.9	37.6	37.8
57 Panama City	32.5	32.5	32.1	(1)	(1)	(1)	2.0	2.0	2.0	3.5	3.5	3.2
58 Pensacola	95.1	99.1	100.0	(1)	(1)	(1)	7.3	7.0	7.2	12.6	12.3	12.1
59 Sarasota	72.2	72.1	72.7	(1)	(1)	(1)	7.2	6.7	6.9	6.3	6.1	6.1
60 Tallahassee	75.4	75.4	75.2	(1)	(1)	(1)	3.0	3.2	3.2	2.9	2.9	2.8
61 Tampa—St. Petersburg	556.9	559.6	562.0	(1)	(1)	(1)	40.1	41.5	41.6	78.1	76.9	76.7
62 West Palm Beach–Boca Raton	217.2	215.5	218.4	(1)	(1)	(1)	21.4	19.6	19.6	29.1	28.8	28.8

See footnotes at end of table.

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division--Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	
71.8	71.0	71.0	278.8	277.8	275.8	58.8	58.3	58.2	207.7	209.1	208.4	302.7	300.2	300.2	1
29.2	29.1	29.1	85.7	84.8	84.6	22.8	22.8	22.8	67.5	69.0	69.3	58.0	56.5	56.5	2
2.6	2.6	2.6	22.0	22.1	22.6	3.5	3.4	3.4	17.6	18.1	18.1	35.0	35.2	35.4	3
11.2	10.6	10.5	38.5	36.7	36.7	7.3	7.3	7.3	29.3	29.8	29.6	27.1	27.1	27.2	4
4.8	4.7	4.7	24.1	24.1	24.5	6.3	6.2	6.2	20.5	20.5	20.5	29.5	28.7	28.7	5
1.8	1.8	1.8	10.0	9.5	10.3	1.7	1.6	1.6	6.2	6.2	6.2	18.5	17.8	18.2	6
16.3	17.6	17.4	29.8	32.0	32.1	8.1	8.8	8.7	28.9	31.7	31.4	56.1	59.0	59.2	7
50.7	51.8	52.3	248.9	252.5	257.1	57.8	60.7	60.7	206.6	211.9	213.0	210.2	209.6	204.9	8
30.9	31.8	32.2	165.5	168.2	171.7	42.1	47.5	47.5	132.5	137.7	138.6	105.5	103.6	103.3	9
8.6	8.5	8.5	42.6	42.6	42.6	8.2	8.5	8.5	40.7	42.5	42.6	46.5	45.0	44.7	10
43.2	43.8	43.2	164.4	164.3	165.7	31.2	32.0	31.9	115.6	118.7	117.3	145.2	140.8	139.8	11
4.0	3.9	3.9	16.2	16.1	16.2	2.3	2.3	2.3	9.5	10.1	10.0	11.6	11.6	11.5	12
3.6	3.6	3.6	14.2	14.6	14.7	2.5	2.6	2.5	12.6	12.2	12.1	9.4	9.5	9.4	13
13.7	13.7	13.6	43.3	42.4	43.0	12.6	12.6	12.6	33.6	34.9	35.0	38.6	38.3	38.2	14
4.0	4.0	4.0	6.7	6.5	6.5	1.4	1.4	1.4	4.9	5.1	5.1	6.9	7.0	7.0	15
542.8	548.4	548.0	2,350.5	2,368.2	2,412.4	626.8	640.8	643.1	2,210.1	2,294.5	2,302.3	1,784.5	1,775.4	1,771.8	16
28.6	29.4	29.4	210.7	213.2	217.8	58.2	60.8	61.1	176.4	183.8	184.8	111.2	107.7	107.6	17
8.0	8.1	8.2	35.1	34.4	35.1	4.8	5.1	5.1	24.0	24.7	24.8	33.6	33.8	33.8	18
11.1	10.6	10.6	51.0	51.6	52.1	11.1	11.2	11.3	37.4	37.5	37.8	41.6	40.2	40.1	19
197.4	198.8	198.4	850.2	852.5	872.2	234.9	238.4	238.9	847.0	873.1	876.0	503.3	491.5	492.4	20
3.8	3.9	3.9	22.8	23.1	23.2	3.4	3.5	3.5	17.1	17.7	17.7	17.5	17.0	16.5	21
6.7	6.4	6.4	37.3	37.2	38.6	7.5	7.8	7.8	31.7	32.8	33.0	38.5	37.5	38.4	22
26.1	26.3	26.5	111.6	111.1	113.6	18.6	18.6	19.0	92.4	94.2	94.5	102.7	103.3	102.7	23
21.9	22.3	22.3	98.7	99.5	100.4	22.9	23.3	23.3	75.1	75.3	76.0	142.2	143.3	142.7	24
4.9	4.8	4.8	23.3	24.2	24.3	4.4	4.4	4.4	19.4	20.3	20.1	23.9	24.3	24.1	25
28.1	28.7	28.6	152.5	150.3	152.5	35.1	39.5	39.6	151.4	155.8	156.3	144.5	144.1	143.5	26
130.5	131.2	131.2	372.4	376.5	383.8	147.7	150.4	150.8	355.8	366.1	367.2	294.4	290.8	290.9	27
22.0	22.5	22.7	135.1	134.8	136.0	27.9	28.3	28.4	154.5	161.5	161.1	83.6	83.0	82.9	28
5.1	5.2	5.2	31.5	30.6	30.5	5.7	5.7	5.8	34.6	35.2	35.3	24.6	25.4	25.4	29
4.6	4.5	4.5	23.4	23.5	24.2	5.7	5.7	5.7	18.4	18.7	18.7	20.6	20.7	20.6	30
8.0	7.7	7.6	24.0	23.6	23.6	5.1	5.2	5.2	24.4	25.1	25.0	27.4	27.5	27.5	31
4.8	4.8	4.8	22.0	23.3	23.4	3.3	3.3	3.3	19.3	20.4	20.0	35.9	36.4	36.4	32
79.9	82.8	82.3	315.9	315.3	317.6	78.2	80.2	80.6	259.7	267.3	270.4	246.4	246.4	245.0	33
55.5	56.0	57.6	198.3	197.7	198.4	55.2	57.2	57.5	173.2	180.7	181.3	139.9	139.8	138.5	34
61.8	60.6	60.7	309.7	302.0	308.1	105.8	110.4	111.2	291.6	299.4	299.3	185.0	177.4	177.1	35
6.9	6.1	6.1	39.3	38.0	38.5	7.5	7.4	7.4	35.4	35.0	35.3	16.9	17.2	17.1	36
14.1	14.5	14.5	65.9	65.3	67.2	62.6	63.1	63.2	75.9	78.1	77.9	55.0	54.5	54.5	37
3.3	3.4	3.3	11.9	11.9	11.6	1.8	1.9	1.9	10.7	11.2	11.2	6.8	7.1	7.2	38
16.2	16.2	16.2	42.8	43.4	44.3	11.0	11.1	11.2	50.3	51.5	51.7	26.6	25.5	25.7	39
4.2	4.3	4.4	24.4	24.3	25.5	7.7	8.0	8.0	26.8	27.4	27.5	10.4	10.5	10.5	40
3.2	3.2	3.2	16.1	16.3	16.6	3.5	3.5	3.6	18.6	19.5	19.5	11.2	11.0	11.0	41
12.4	12.1	12.1	57.5	56.2	56.6	11.9	12.0	12.0	48.0	48.2	48.4	45.2	46.0	45.5	42
11.9	11.7	11.7	49.4	48.0	48.5	11.1	11.3	11.3	42.7	43.5	43.3	37.1	37.2	36.7	43
25.6	25.6	25.8	66.3	65.1	65.7	36.1	35.4	35.4	183.2	187.3	187.6	278.7	284.5	284.8	44
69.1	68.1	68.3	313.3	316.5	322.5	52.0	54.0	54.0	429.6	450.6	450.6	552.2	537.4	536.9	45
220.7	227.2	(*)	980.3	1,002.6	(*)	261.3	270.7	(*)	848.4	894.8	(*)	628.6	653.5	(*)	46
1.6	1.5	1.5	12.1	11.3	11.6	2.9	3.5	3.6	8.4	8.8	8.9	8.9	8.4	8.6	47
3.2	3.2	3.0	21.7	21.4	21.5	4.4	4.7	4.6	20.0	20.1	20.1	14.4	14.6	14.7	48
17.1	17.1	17.0	102.2	98.3	99.0	28.6	28.2	28.4	85.4	85.6	85.9	47.7	47.6	47.8	49
3.8	4.4	4.5	19.5	18.0	18.0	6.1	6.3	6.4	13.9	14.2	14.3	10.9	12.2	11.5	50
1.7	1.7	1.6	14.0	15.1	15.1	2.6	2.8	2.9	11.1	11.8	12.0	27.6	29.0	29.0	51
24.4	24.7	24.7	77.0	77.5	78.5	21.4	21.1	21.1	63.6	66.0	65.9	54.9	53.8	54.0	52
5.1	5.0	5.0	30.3	27.9	28.3	6.5	6.6	6.6	22.9	23.0	23.1	17.0	17.3	17.2	53
4.5	4.4	4.4	22.1	21.6	22.1	4.0	3.8	3.8	24.7	25.3	25.3	19.0	18.4	18.4	54
73.1	71.4	71.4	190.8	184.4	188.0	54.0	54.2	54.2	179.8	180.0	180.4	97.0	94.4	94.6	55
15.0	14.6	14.7	78.4	76.6	76.5	20.0	20.2	20.0	79.1	79.5	80.2	42.2	44.0	43.5	56
2.0	2.0	1.8	8.5	8.5	8.5	1.6	1.8	1.8	6.0	6.6	6.3	8.7	8.5	8.5	57
5.0	4.9	5.2	22.5	23.1	23.3	4.3	4.3	4.3	21.2	21.8	22.2	26.2	25.7	25.7	58
3.1	3.1	3.1	20.7	20.6	21.1	6.2	6.5	6.5	18.4	18.7	19.1	10.3	10.4	10.4	59
2.4	2.5	2.5	14.6	14.2	14.6	3.4	3.6	3.6	12.6	13.3	13.2	35.5	35.6	35.4	60
30.6	31.5	31.7	151.5	149.8	151.5	35.5	40.5	40.5	132.6	134.9	135.4	84.5	84.3	84.2	61
8.6	8.8	8.8	55.2	53.5	55.4	18.2	17.2	17.2	53.2	55.0	56.2	31.5	32.2	32.5	62

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

	State and area	Total			Mining			Construction			Manufacturing		
		DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P
1	**GEORGIA**	2,176.2	2,166.4	2,165.4	7.7	7.7	7.8	103.7	97.2	97.1	518.7	513.2	509.7
2	Albany	44.5	45.4	45.4	(1)	(1)	(1)	3.1	3.1	3.2	10.5	10.8	10.8
3	Atlanta	977.4	977.9	982.7	(1)	(1)	(1)	43.7	40.8	40.9	145.5	145.0	144.9
4	Augusta	124.6	124.9	125.5	(1)	(1)	(1)	5.4	4.5	4.4	35.8	36.3	36.1
5	Columbus	80.3	78.4	78.5	(1)	(1)	(1)	3.8	4.0	4.3	21.3	20.3	19.6
6	Macon	97.6	97.3	97.2	(1)	(1)	(1)	5.1	4.9	4.9	15.3	15.8	15.5
7	Savannah	88.7	89.4	88.8	(1)	(1)	(1)	6.3	6.3	6.2	17.1	17.0	16.3
8	**HAWAII**	407.7	403.3	406.9	(1)	(1)	(1)	24.3	21.5	21.1	22.5	22.2	22.2
9	Honolulu	336.0	332.1	334.7	(1)	(1)	(1)	19.9	17.8	17.3	16.0	16.0	16.2
10	**IDAHO** [3]	332.0	325.3	323.1	4.9	4.7	4.5	17.1	16.3	15.5	52.7	50.8	49.6
11	Boise City [3]	75.8	75.6	75.6	(1)	(1)	(1)	6.1	5.1	4.9	8.5	8.5	8.4
12	**ILLINOIS**	4,875.4	4,851.9	4,828.2	32.7	32.4	32.1	181.6	166.8	161.8	1,196.3	1,156.0	1,144.0
13	Bloomington—Normal	50.2	52.4	51.8	(2)	(2)	(2)	1.7	1.7	1.5	8.5	7.2	7.2
14	Champaign—Urbana—Rantoul	77.7	78.0	76.6	(2)	(2)	(2)	1.5	1.7	1.4	7.6	7.8	7.7
15	Chicago—Gary	3,506.7	3,481.4	3,441.6	4.9	5.5	5.1	129.8	128.3	118.4	906.3	878.5	869.1
16	Chicago SMSA [4]	3,255.7	3,216.5	3,199.3	4.8	5.4	5.0	115.1	113.9	104.5	813.2	791.9	784.5
17	Davenport—Rock Island—Moline	163.4	160.6	160.1	(2)	(2)	(2)	6.9	7.9	7.3	49.6	45.4	45.4
18	Decatur	55.5	55.2	55.3	(2)	(2)	(2)	2.2	2.4	2.1	19.3	19.1	19.2
19	Kankakee	34.3	33.0	32.9	(2)	(2)	(2)	1.7	1.8	1.7	9.4	8.1	8.1
20	Peoria	145.3	146.5	148.5	(2)	(2)	(2)	7.1	7.0	6.6	47.8	45.9	47.7
21	Rockford	112.2	112.7	116.3	(2)	(2)	(2)	3.5	3.8	3.6	45.3	45.1	48.6
22	Springfield	87.3	87.9	87.4	(2)	(2)	(2)	3.8	4.2	3.8	6.3	6.3	6.3
23	**INDIANA**	2,145.1	2,106.6	2,085.5	9.8	9.3	9.1	90.0	88.4	83.3	659.2	640.3	623.4
24	Anderson	47.4	45.2	44.6	(1)	(1)	(1)	3.0	1.1	1.1	20.4	19.3	18.8
25	Elkhart	67.6	66.8	66.0	–	–	–	2.2	2.1	2.0	33.9	33.5	32.8
26	Evansville	128.1	125.8	125.4	2.9	2.6	2.6	7.0	7.3	7.1	36.5	34.7	34.3
27	Fort Wayne	173.7	170.0	168.0	(1)	(1)	(1)	7.9	7.8	7.3	53.9	51.5	50.3
28	Gary—Hammond—East Chicago [4]	251.0	244.9	242.3	(1)	(1)	(1)	14.7	14.4	13.9	93.1	86.6	84.6
29	Indianapolis	537.1	532.6	(*)	(1)	(1)	(*)	23.2	23.2	(*)	122.7	121.0	(*)
30	Lafayette—West Lafayette	59.2	59.0	58.3	(1)	(1)	(1)	2.5	3.0	2.7	11.5	11.2	11.2
31	Muncie	50.1	48.6	47.6	(1)	(1)	(1)	1.4	1.3	1.1	13.0	11.5	10.9
32	South Bend	107.9	106.4	106.2	(1)	(1)	(1)	4.7	4.1	4.0	30.2	30.4	30.0
33	Terre Haute	64.4	61.0	60.0	1.4	1.5	1.4	3.8	3.1	3.0	15.4	14.4	14.2
34	**IOWA**	1,099.0	1,078.1	1,071.6	2.1	2.0	1.9	42.6	41.2	37.1	238.0	231.7	229.0
35	Cedar Rapids	83.7	81.2	80.7	(1)	(1)	(1)	3.3	3.4	3.2	26.9	25.8	25.4
36	Des Moines	178.8	177.1	176.6	(1)	(1)	(1)	6.5	5.8	5.4	24.2	23.3	23.0
37	Dubuque	42.9	42.0	42.0	(1)	(1)	(1)	1.3	1.3	1.1	14.5	13.8	13.7
38	Sioux City	48.8	48.5	48.1	(1)	(1)	(1)	2.2	2.0	1.7	9.0	9.4	9.1
39	Waterloo—Cedar Falls	66.7	64.4	64.6	(1)	(1)	(1)	2.4	1.9	1.9	22.7	21.5	21.7
40	**KANSAS** [3]	953.0	954.9	953.8	16.9	19.8	19.6	44.3	41.9	40.8	187.6	185.7	184.3
41	Lawrence [3]	28.6	28.8	28.8	(2)	(2)	(2)	.9	.9	.9	4.6	4.5	4.5
42	Topeka [3]	87.1	86.0	85.5	.2	.2	.1	3.7	3.2	3.1	10.1	9.9	9.8
43	Wichita [3]	206.2	209.4	207.9	2.8	3.8	3.7	9.5	10.2	9.9	65.0	63.3	62.5
44	**KENTUCKY**	(*)	1,191.8	1,187.1	(*)	53.7	53.3	(*)	57.2	52.9	(*)	261.0	253.9
45	Lexington—Fayette	143.0	144.1	144.6	(1)	(1)	(1)	6.8	5.1	4.2	30.8	29.1	29.7
46	Louisville	(*)	378.5	370.1	(*)	(1)	(1)	(*)	16.4	16.2	(*)	89.0	80.5
47	Owensboro	31.4	31.2	29.5	.9	1.0	.8	2.0	1.8	1.4	6.8	7.0	6.8
48	**LOUISIANA**	1,616.5	1,649.9	1,652.7	90.6	95.0	95.4	148.3	155.0	154.0	218.4	211.6	210.0
49	Alexandria	52.9	53.8	53.5	(1)	(1)	(1)	4.1	4.0	3.9	5.8	5.9	5.9
50	Baton Rouge	209.6	212.0	211.8	1.5	1.3	1.3	24.8	21.9	20.8	26.2	26.3	26.2
51	Lafayette	88.3	91.2	91.6	16.4	18.3	18.5	5.9	6.1	6.0	4.5	5.1	5.0
52	Lake Charles	67.4	68.5	68.0	2.2	2.4	2.5	9.1	9.2	8.5	13.7	13.4	13.3
53	Monroe	51.3	49.2	49.1	.5	.6	.6	3.2	3.2	3.1	7.8	7.3	7.3
54	New Orleans	504.8	501.6	502.4	17.9	19.7	19.6	30.8	31.2	30.8	54.4	53.3	53.0
55	Shreveport	150.1	150.7	151.3	5.8	6.3	6.5	10.1	9.8	9.5	27.3	27.9	27.7
56	**MAINE**	421.2	413.9	411.5	(1)	(1)	(1)	18.8	19.2	18.1	114.4	110.6	110.2
57	Lewiston—Auburn	35.6	34.3	33.5	(1)	(1)	(1)	1.2	1.1	1.1	12.0	11.0	10.8
58	Portland	94.0	95.9	95.7	(1)	(1)	(1)	3.7	3.7	3.5	18.8	18.0	18.0
59	**MARYLAND**	1,714.8	1,694.6	1,696.8	(1)	(1)	(1)	101.8	90.1	85.3	235.0	229.5	225.6
60	Baltimore	963.9	944.2	944.2	(1)	(1)	(1)	51.5	43.4	41.2	159.2	155.0	152.0

See footnotes at end of table.

READEX FICHE

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	
139.7	140.4	140.4	509.5	492.2	495.0	113.0	114.4	114.1	348.0	355.7	358.1	435.8	441.5	439.2	1
2.2	2.1	2.1	10.0	10.4	10.5	1.9	2.0	2.0	6.4	6.6	6.6	10.5	10.4	10.4	2
87.0	87.5	87.6	272.1	265.9	271.6	69.2	69.2	69.2	199.0	207.6	206.7	160.9	161.8	161.6	3
4.4	4.4	4.4	24.2	23.7	24.3	4.5	4.4	4.4	18.5	18.7	18.8	31.8	32.9	32.9	4
3.4	3.3	3.3	16.4	15.5	16.1	5.5	5.6	5.7	10.8	11.0	11.1	19.0	18.3	18.4	5
4.5	4.5	4.4	20.2	19.5	19.8	5.8	6.1	6.2	16.7	16.6	16.6	30.0	29.8	29.8	6
8.3	8.1	8.3	20.0	20.5	20.5	4.1	4.2	4.2	15.1	16.1	15.9	15.9	17.2	17.2	7
31.0	30.5	31.0	105.8	105.3	107.2	32.5	32.1	32.2	100.1	101.1	102.3	90.5	90.2	90.5	8
25.7	25.5	25.9	87.8	87.2	88.8	26.3	27.6	27.7	80.3	80.7	81.3	77.0	76.8	77.5	9
20.1	19.2	18.9	82.2	81.2	81.5	23.3	23.3	23.3	60.6	58.6	59.2	71.1	71.2	70.6	10
5.2	4.5	4.5	20.7	19.4	19.8	8.1	8.2	8.1	14.8	14.1	14.1	16.4	15.8	15.8	11
283.3	281.3	279.9	1,162.4	1,142.4	1,151.8	312.6	310.0	310.3	953.7	965.4	962.4	756.8	767.6	765.9	12
3.1	3.2	3.2	12.7	12.4	12.4	7.5	7.8	7.8	8.1	8.3	8.2	10.6	11.8	11.5	13
2.6	2.6	2.6	20.1	19.1	19.2	2.6	2.5	2.4	11.1	11.5	11.5	32.2	32.8	31.8	14
205.5	210.8	208.1	823.0	806.2	811.2	231.6	228.4	228.5	690.4	690.7	690.4	515.3	512.9	510.8	15
174.0	176.3	173.7	771.0	755.4	760.1	222.3	219.3	219.4	652.7	652.5	652.7	482.6	481.4	479.4	16
6.8	7.0	6.9	41.2	40.5	41.1	7.3	7.2	7.2	24.3	24.9	24.9	27.2	27.3	27.3	17
5.3	5.3	5.3	12.4	11.5	12.2	2.7	2.7	2.7	8.7	8.8	8.7	4.8	4.5	5.0	18
1.5	1.4	1.4	7.0	6.1	6.1	1.1	1.1	1.1	6.4	6.5	6.5	7.2	7.0	7.0	19
7.4	7.8	7.9	36.0	35.0	35.2	7.2	7.1	7.1	25.8	26.6	26.5	17.5	17.5	17.5	20
4.5	4.4	4.4	25.2	24.5	25.3	4.2	4.2	4.3	17.2	17.7	17.6	12.3	12.6	12.5	21
4.7	4.8	4.8	19.6	19.0	19.2	6.7	6.6	6.6	17.7	16.5	16.5	28.4	28.4	28.1	22
101.4	102.6	102.5	486.8	473.2	475.5	101.7	100.7	100.5	337.6	344.1	342.3	359.3	367.9	368.4	23
1.4	1.3	1.2	5.5	5.3	5.3	1.6	1.6	1.6	7.3	7.2	7.2	6.2	5.4	5.4	24
2.0	2.1	2.1	13.5	13.1	13.2	2.1	2.1	2.1	8.6	8.9	8.8	5.1	5.0	5.0	25
7.2	7.1	7.1	31.5	31.4	31.7	4.6	4.7	4.7	25.4	25.5	25.3	13.0	12.5	12.6	26
10.6	10.5	10.7	43.3	42.4	42.7	10.5	10.5	10.4	29.1	29.1	28.9	16.4	17.8	17.7	27
11.5	14.5	14.4	52.0	50.5	51.1	9.3	9.1	9.1	37.7	37.9	37.8	32.7	31.5	31.4	28
31.6	31.1	(*)	136.5	134.5	(*)	38.5	38.5	(*)	95.7	97.8	(*)	89.6	88.5	(*)	29
1.5	1.4	1.4	11.5	11.4	11.4	2.5	2.5	2.5	9.3	9.4	9.4	20.4	20.1	19.7	30
2.0	2.1	2.1	12.5	12.4	12.5	1.5	1.5	1.5	8.2	8.5	8.3	11.5	11.3	11.2	31
4.2	4.6	4.5	26.8	25.7	25.5	5.4	5.2	5.2	23.8	23.6	23.7	12.8	12.8	12.9	32
3.9	3.9	3.3	16.2	14.6	14.7	2.1	2.0	2.0	9.9	9.5	9.2	12.6	12.3	12.2	33
54.7	52.5	52.4	284.7	276.3	278.0	57.6	57.9	58.0	208.7	211.2	210.9	208.4	205.2	204.3	34
3.8	3.7	3.7	19.6	18.6	18.1	4.3	4.3	4.2	15.8	16.1	16.1	10.0	10.0	9.9	35
11.2	11.4	11.3	48.1	47.5	47.9	20.5	20.9	21.0	38.6	40.6	40.4	29.5	27.7	27.6	36
1.6	1.6	1.5	5.6	5.3	5.4	1.3	1.3	1.3	10.5	10.8	10.8	4.1	4.0	4.0	37
3.6	3.6	3.7	12.9	12.2	12.4	2.9	2.8	2.8	11.8	12.3	12.3	6.2	6.1	6.1	38
2.6	2.5	2.5	14.4	14.2	14.4	2.1	2.0	2.1	11.0	10.8	10.8	11.7	11.3	11.3	39
63.5	62.9	63.0	233.0	222.5	225.1	46.0	47.7	47.6	167.2	174.7	174.2	192.5	189.7	185.2	40
1.4	1.4	1.4	5.9	5.6	5.7	.8	.8	.8	3.7	4.2	4.2	11.3	11.4	11.3	41
8.1	8.5	8.0	19.2	18.7	18.9	6.0	5.9	6.0	17.4	17.9	17.9	22.4	21.7	21.7	42
10.4	10.2	10.2	47.5	46.0	46.8	9.4	9.6	9.6	39.0	40.2	40.2	24.6	23.1	23.0	43
(*)	67.1	67.1	(*)	259.6	266.4	(*)	51.8	51.6	(*)	213.0	213.1	(*)	228.4	229.2	44
7.5	7.5	7.6	33.7	32.8	34.7	7.4	7.7	7.7	27.4	27.4	27.4	33.4	33.5	33.5	45
(*)	22.4	22.1	(*)	91.1	91.5	(*)	23.0	23.0	(*)	80.8	80.2	(*)	55.7	56.1	46
2.4	2.5	2.5	7.4	7.2	6.8	1.3	1.2	1.2	5.7	5.7	5.7	4.8	4.8	4.7	47
125.6	127.8	127.4	367.6	370.4	374.3	75.4	76.2	76.6	276.2	287.2	288.1	314.6	326.7	326.5	48
2.5	2.6	2.5	11.5	11.6	12.2	2.9	2.9	2.9	10.8	11.4	11.4	15.3	15.1	15.1	49
11.3	12.2	12.2	47.1	49.1	50.3	11.2	11.5	11.5	44.	38.1	38.0	53.5	53.6	53.5	50
6.0	6.8	6.9	21.3	22.4	23.7	2.9	3.2	3.2	15.0	16.5	16.5	11.3	11.8	11.8	51
3.8	4.0	3.8	15.1	15.4	15.8	2.7	2.9	2.9	9.8	10.2	10.2	11.0	11.0	11.0	52
2.8	2.7	2.7	14.0	13.0	13.0	3.9	4.0	4.0	8.0	8.1	8.1	11.1	10.3	10.3	53
51.6	51.6	51.6	128.6	126.1	123.6	30.5	30.2	30.1	111.6	111.2	111.6	79.4	78.3	78.1	54
10.4	10.5	10.5	36.6	35.6	36.5	7.4	6.7	6.7	27.9	29.1	29.2	24.9	24.6	24.7	55
18.8	18.5	18.2	90.1	86.1	87.0	16.5	16.8	16.9	77.2	78.0	77.6	85.4	84.7	83.5	56
1.2	1.2	1.2	8.7	8.3	8.2	1.6	1.6	1.6	7.6	8.0	7.9	3.3	3.1	3.1	57
5.3	5.4	5.4	25.5	26.5	27.0	7.5	7.8	7.9	19.6	20.6	20.7	13.6	13.5	13.2	58
87.8	86.7	87.8	426.8	426.2	434.1	93.9	96.1	96.9	363.7	376.2	376.1	407.8	389.8	390.6	59
59.1	57.9	58.7	221.7	215.4	218.1	58.6	60.0	60.5	201.6	212.8	212.4	212.0	199.5	201.3	60

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

State and area	Total			Mining			Construction			Manufacturing		
	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P
1 **MASSACHUSETTS**	2,677.5	2,685.0	2,690.5	(1)	(1)	(1)	72.2	72.5	70.5	669.4	671.9	665.0
2 Boston	1,462.7	1,515.3	1,520.0	(1)	(1)	(1)	39.9	44.5	43.0	290.9	298.1	297.4
3 Brockton	57.9	58.4	58.6	(1)	(1)	(1)	1.6	1.3	1.3	12.2	13.0	12.9
4 Fall River	54.6	54.0	53.7	(1)	(1)	(1)	1.4	1.4	1.3	20.1	19.7	19.4
5 Lawrence—Haverhill	113.9	112.4	113.1	(1)	(1)	(1)	3.2	3.1	3.0	44.6	43.3	43.1
6 Lowell	76.7	77.3	77.4	(1)	(1)	(1)	2.6	2.7	2.5	27.9	29.5	29.5
7 New Bedford	64.4	64.1	64.5	(1)	(1)	(1)	1.5	1.6	1.5	25.3	25.4	25.4
8 Springfield-Chicopee-Holyoke	235.5	234.7	235.6	(1)	(1)	(1)	6.6	6.2	5.5	65.0	63.9	62.6
9 Worcester	168.9	166.1	166.3	(1)	(1)	(1)	6.3	6.3	6.0	48.5	47.4	46.8
10 **MICHIGAN**	3,514.2	3,447.4	3,385.0	12.6	11.8	11.4	112.0	110.5	96.8	1,042.9	983.5	941.4
11 Ann Arbor	144.4	136.1	136.0	(1)	(1)	(1)	2.8	2.6	2.5	45.1	38.4	38.3
12 Battle Creek	63.7	64.1	62.8	(1)	(1)	(1)	1.7	1.7	1.5	21.4	21.5	20.5
13 Bay City	35.1	34.9	34.9	(1)	(1)	(1)	1.0	.9	.9	9.8	9.4	9.1
14 Detroit	1,714.3	1,659.1	1,636.1	1.2	1.2	1.0	48.7	48.9	45.3	503.5	466.6	445.5
15 Flint	198.1	191.6	190.4	(1)	(1)	(1)	6.8	8.5	7.5	77.5	70.0	70.7
16 Grand Rapids	274.4	274.9	272.7	(1)	(1)	(1)	11.2	11.3	10.5	92.5	93.7	91.6
17 Jackson	51.8	50.9	50.4	(1)	(1)	(1)	1.1	1.1	1.0	14.6	14.4	13.8
18 Kalamazoo—Portage	110.2	109.4	108.5	(1)	(1)	(1)	4.0	4.4	4.1	33.2	32.5	31.9
19 Lansing—East Lansing	186.5	198.9	195.8	(1)	(1)	(1)	6.1	5.1	4.2	40.1	43.4	42.5
20 Muskegon-Norton Shores-Musk. Hts.	61.0	60.7	59.2	(1)	(1)	(1)	1.9	2.0	1.8	20.7	20.5	19.2
21 Saginaw	86.9	83.5	82.6	(1)	(1)	(1)	2.1	1.9	1.8	31.5	29.5	27.9
22 **MINNESOTA**	1,765.7	1,770.4	1,765.1	14.2	12.9	12.4	68.4	70.1	62.0	364.6	365.4	364.7
23 Duluth—Superior	61.0	58.4	57.8	(1)	(1)	(1)	1.7	1.6	1.4	8.1	7.8	7.7
24 Minneapolis—St. Paul	1,108.3	1,115.8	1,115.3	(1)	(1)	(1)	40.0	38.6	35.4	244.0	248.6	248.8
25 Rochester	50.7	51.3	50.8	(2)	(2)	(2)	1.6	1.6	1.2	10.0	10.4	10.1
26 St. Cloud	56.1	53.7	54.5	(1)	(1)	(1)	2.7	2.5	2.3	11.9	10.3	10.5
27 **MISSISSIPPI**	838.8	821.2	821.1	11.0	11.1	11.1	43.3	40.0	39.3	219.7	214.9	214.1
28 Jackson	148.4	145.7	145.4	1.5	1.6	1.6	7.1	6.1	6.0	19.1	18.3	18.1
29 **MISSOURI**	1,965.1	1,976.1	1,966.4	7.7	7.7	7.6	74.1	78.1	73.9	430.9	429.9	425.5
30 Kansas City	625.9	615.1	605.1	.5	.5	.5	24.0	22.8	21.3	119.4	117.0	108.9
31 St. Joseph	37.9	35.4	35.4	(2)	(2)	(2)	1.9	1.9	1.7	9.2	8.0	8.1
32 St. Louis	988.7	978.8	978.3	2.7	2.8	2.7	41.6	40.2	38.8	235.6	230.5	228.7
33 Springfield	85.7	86.8	85.7	(2)	(2)	(2)	3.4	3.5	3.2	18.0	19.1	18.5
34 **MONTANA**	280.7	284.3	285.1	7.7	8.8	8.6	13.5	14.9	13.8	23.5	23.0	22.9
35 Billings	47.9	48.7	48.8	(1)	(1)	(1)	2.4	2.9	2.5	4.2	4.4	4.2
36 Great Falls	29.3	30.5	30.3	(1)	(1)	(1)	1.4	2.1	1.9	1.3	1.3	1.3
37 **NEBRASKA**	634.1	636.2	634.0	1.6	1.6	1.5	28.4	28.0	23.9	96.1	95.1	94.3
38 Lincoln	101.2	101.2	100.6	(2)	(2)	(2)	3.8	3.7	3.5	13.5	13.2	13.1
39 Omaha	265.8	265.2	264.5	(2)	(2)	(2)	10.4	9.6	9.1	35.4	33.8	33.9
40 **NEVADA**	403.5	423.2	420.8	7.5	8.0	8.0	25.5	24.2	23.6	19.9	19.9	19.8
41 Las Vegas	221.5	234.7	233.8	.6	.7	.7	13.2	12.6	12.5	7.1	7.2	7.2
42 Reno	116.4	118.0	117.5	1.1	1.2	1.2	7.3	6.6	6.3	8.4	8.2	8.1
43 **NEW HAMPSHIRE**	384.5	389.3	390.3	.4	.4	.4	20.3	21.5	21.7	116.3	115.5	114.5
44 Manchester	75.1	74.9	74.7	(2)	(2)	(2)	3.2	3.3	3.1	16.6	17.0	16.6
45 Nashua	65.5	66.1	66.4	(2)	(2)	(2)	2.7	2.8	2.7	30.2	30.8	30.9
46 **NEW JERSEY**	3,034.8	3,105.7	3,096.3	2.4	2.3	2.3	110.4	116.9	112.1	775.2	771.5	759.2
47 Atlantic City	93.7	100.4	97.3	–	–	–	5.0	4.3	4.1	8.2	7.7	7.6
48 Camden [3]	334.1	331.9	331.6	.1	.1	.1	14.2	14.2	13.6	69.9	70.1	68.9
49 Hackensack [3]	405.2	399.8	400.0	(1)	(1)	(1)	14.1	15.8	15.2	109.8	108.7	107.7
50 Jersey City [3]	225.7	227.3	226.6	–	–	–	4.7	5.8	5.6	69.1	67.4	66.2
51 Long Branch—Asbury Park	163.1	166.1	166.4	(1)	(1)	(1)	6.7	8.2	8.0	25.2	25.5	25.5
52 New Bruns.-Perth Amboy-Sayreville [3]	293.2	288.1	287.7	(1)	(1)	(1)	11.5	11.2	10.8	90.9	87.6	86.9
53 Newark [3]	951.9	945.7	945.4	.8	.9	.9	34.8	30.9	30.4	245.9	240.7	238.2
54 Paterson—Clifton—Passaic [3]	185.3	188.7	187.5	(1)	(1)	(1)	7.0	7.5	7.1	65.3	64.8	64.4
55 Trenton	165.6	162.0	162.1	(1)	(1)	(1)	3.3	3.5	3.3	34.4	33.8	33.3
56 Vineland—Millville—Bridgeton	54.7	54.7	53.6	(1)	(1)	(1)	2.0	2.2	2.0	17.1	18.0	17.6
57 **NEW MEXICO**	462.8	468.4	465.4	30.4	30.4	30.5	27.7	30.7	28.6	34.0	32.0	31.9
58 Albuquerque	188.6	188.4	189.0	(1)	(1)	(1)	11.2	11.8	11.6	18.0	16.8	16.7
59 Las Cruces	30.1	30.2	30.4	–	–	–	1.7	1.6	1.7	2.5	2.6	2.6
60 **NEW YORK**	7,285.9	7,290.0	7,295.4	6.1	6.5	6.0	202.5	213.2	201.1	1,440.0	1,426.5	1,409.2
61 Albany—Schenectady—Troy	335.4	336.6	336.8	(1)	(1)	(1)	10.8	10.4	9.4	58.0	54.3	54.7
62 Binghamton	117.9	120.9	120.5	(1)	(1)	(1)	3.6	4.0	3.7	42.1	44.2	44.6

See footnotes at end of table

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	
123.8	126.6	126.6	586.6	593.6	601.6	158.7	163.7	164.9	654.7	680.8	682.7	412.2	375.9	379.2	1
74.4	74.4	74.3	329.0	325.9	332.6	109.6	113.9	114.7	437.2	461.3	461.1	211.7	197.2	196.5	2
3.8	3.6	3.6	15.9	15.5	16.1	1.9	1.9	1.9	10.5	11.1	11.2	12.0	11.6	11.6	3
1.9	1.9	2.1	11.3	11.9	11.6	2.7	2.8	2.8	9.3	9.5	9.5	7.9	7.2	7.0	4
4.8	4.7	4.7	22.0	22.2	22.7	4.2	4.3	4.4	18.6	18.8	18.9	16.5	16.0	16.3	5
3.3	3.2	3.2	16.1	15.6	16.2	2.0	2.1	2.1	12.5	12.6	12.6	12.3	11.4	11.3	6
2.5	2.5	2.9	12.3	11.5	12.2	2.0	2.0	2.0	9.5	9.8	9.8	11.3	10.5	10.7	7
5.5	5.5	5.5	49.0	48.3	50.7	13.3	13.5	13.6	45.8	47.8	48.0	46.3	45.5	45.3	8
7.4	7.5	7.6	36.6	36.8	37.5	5.1	9.5	9.6	34.5	34.1	34.5	28.5	24.5	24.3	9
149.3	145.0	143.3	745.2	738.2	742.7	156.6	153.6	153.0	651.2	676.7	672.6	624.3	628.1	623.8	10
3.1	3.3	3.3	19.5	18.2	18.5	4.2	4.1	4.0	23.1	23.6	23.6	46.6	46.0	45.6	11
2.3	2.4	2.3	10.9	11.1	11.1	3.8	3.8	3.8	11.3	11.5	11.5	12.3	12.1	12.1	12
1.7	1.7	1.7	8.5	8.5	8.6	1.3	1.3	1.3	7.2	7.5	8.0	5.6	5.3	5.3	13
81.5	77.2	76.1	384.1	372.8	376.5	91.0	89.1	89.0	354.0	363.2	362.1	250.2	240.2	238.2	14
6.1	6.1	6.1	41.8	41.0	41.5	6.5	6.7	6.7	29.9	29.8	29.4	29.5	29.6	28.6	15
11.3	11.5	11.5	64.3	63.7	64.5	10.7	10.7	10.7	49.8	50.8	50.5	34.3	33.2	33.2	16
5.2	5.2	5.2	10.5	10.3	10.5	1.7	1.8	1.7	9.1	9.4	9.4	9.6	8.7	8.8	17
3.5	3.8	3.8	22.6	21.3	21.5	3.7	3.9	3.9	22.0	22.5	22.4	21.1	20.9	20.8	18
5.7	5.7	5.6	35.8	36.2	35.7	5.4	5.4	5.3	28.7	30.0	29.7	63.7	65.0	66.3	19
3.1	3.1	3.1	12.3	12.5	12.5	1.8	1.8	1.8	9.4	9.8	9.7	11.6	11.1	11.1	20
4.9	4.9	4.8	18.3	18.4	18.6	4.1	3.9	4.0	14.0	14.4	14.7	12.0	10.6	10.8	21
100.2	96.8	95.6	446.2	439.7	443.9	95.3	96.7	96.7	372.6	386.6	386.5	308.3	302.2	303.3	22
6.5	6.2	6.0	17.0	15.4	15.5	2.2	2.1	2.1	13.1	13.4	13.2	12.4	11.9	12.0	23
65.5	63.4	63.2	277.5	274.7	278.1	70.8	72.2	72.3	246.4	257.4	257.8	164.2	160.9	159.8	24
1.9	1.9	2.0	10.8	10.7	10.9	1.4	1.5	1.5	19.1	19.8	19.8	5.8	5.4	5.4	25
3.5	3.3	3.3	14.2	13.8	13.8	1.9	1.9	1.9	10.1	10.7	10.8	11.8	11.5	11.6	26
41.4	41.5	40.6	170.5	167.3	170.2	32.9	33.1	33.1	122.5	123.6	123.1	197.5	189.6	189.6	27
5.9	5.7	5.7	35.7	34.5	35.2	11.3	11.1	11.1	29.1	29.7	29.4	34.7	34.4	34.3	28
138.0	137.6	137.1	469.5	465.5	472.7	105.2	110.1	110.2	394.6	410.0	407.1	340.7	333.2	332.3	29
52.1	50.4	50.3	162.9	157.0	158.3	43.9	44.2	44.3	131.1	134.0	132.6	92.0	85.2	86.5	30
2.2	2.1	2.1	8.6	8.3	8.6	1.9	2.0	1.9	6.9	6.8	6.7	6.2	6.3	6.3	31
70.6	69.4	69.4	229.6	226.1	230.1	55.7	55.9	56.0	211.9	218.9	218.2	139.0	135.0	134.4	32
6.4	6.4	6.3	23.6	23.2	23.1	3.4	3.4	3.4	18.6	19.1	19.1	12.3	12.1	12.1	33
23.2	21.9	21.6	72.6	78.4	80.3	12.9	12.1	12.1	55.9	53.5	53.9	71.4	71.7	71.5	34
4.8	4.7	4.4	16.3	15.9	15.6	2.3	2.3	2.3	10.1	10.0	9.9	7.8	8.6	8.7	35
1.8	1.8	1.8	9.7	9.3	9.3	2.0	2.1	2.1	7.0	7.2	7.2	6.1	6.7	6.7	36
47.6	45.8	45.1	165.5	165.7	167.0	42.7	43.2	43.3	118.9	123.9	122.9	133.3	134.9	136.0	37
7.2	6.9	6.8	22.2	22.4	22.3	6.9	7.0	7.0	17.5	16.1	17.7	30.1	29.9	30.2	38
24.1	23.9	23.6	65.2	67.7	68.1	28.2	25.5	25.5	55.2	60.9	60.4	42.3	43.8	43.9	39
24.8	25.9	25.6	83.4	88.0	89.3	18.0	18.4	18.4	165.5	180.1	176.5	58.5	55.1	55.2	40
13.5	14.1	14.1	47.4	51.0	52.2	10.3	10.6	10.6	102.3	110.8	108.7	27.1	27.7	27.8	41
8.3	8.2	8.3	26.2	26.9	27.2	6.3	6.2	6.2	41.8	44.0	43.4	17.0	16.8	16.8	42
14.1	14.0	14.1	85.0	87.9	89.3	20.0	19.9	19.9	72.3	74.2	74.6	55.1	55.9	55.8	43
4.7	4.6	4.6	20.3	19.8	20.0	6.2	6.2	6.3	15.5	15.8	15.8	8.6	8.4	8.3	44
2.0	2.0	2.0	13.2	13.1	13.3	1.9	1.9	2.0	9.6	9.9	9.9	5.9	5.8	5.8	45
189.0	194.1	194.2	696.3	692.4	703.1	157.5	158.6	158.5	617.2	646.7	643.7	526.8	523.2	523.2	46
3.8	3.9	3.9	19.9	19.5	17.5	4.6	5.1	5.0	37.1	45.0	44.3	15.1	14.9	14.9	47
14.7	15.0	14.9	89.4	88.6	90.0	16.6	16.3	16.2	67.1	68.8	69.0	62.2	58.8	58.9	48
20.8	20.3	20.2	122.0	112.5	114.4	17.3	17.8	17.9	75.5	79.4	79.7	45.6	44.9	44.9	49
24.8	24.7	24.1	45.0	44.4	44.4	8.8	8.7	8.8	31.5	32.8	32.7	45.5	43.5	44.8	50
6.1	6.1	6.1	41.3	41.7	42.4	8.1	8.0	8.0	41.0	44.0	43.8	34.0	32.7	32.6	51
23.8	24.8	24.8	68.0	67.3	68.2	10.0	10.4	10.4	41.9	42.7	42.5	47.0	44.1	44.1	52
73.9	75.3	75.5	182.3	175.3	182.2	64.0	64.7	65.1	197.7	203.9	203.4	152.4	150.0	149.7	53
6.0	6.5	6.4	41.8	41.2	41.2	9.1	8.9	8.9	33.4	33.0	32.9	26.7	26.8	26.6	54
5.4	5.3	5.3	26.8	25.6	26.3	7.5	8.0	8.1	44.0	42.7	42.7	44.4	43.1	43.1	55
3.0	3.0	2.8	9.0	8.5	8.6	2.4	2.4	2.4	8.5	8.7	8.7	12.7	11.5	11.8	56
29.2	29.3	29.6	105.5	108.7	111.0	20.9	21.2	21.2	89.4	89.5	90.7	125.7	126.2	125.9	57
12.1	11.8	11.8	47.7	48.4	45.6	10.9	11.0	11.0	44.1	45.7	45.6	42.6	42.9	42.7	58
1.2	1.2	1.2	5.5	5.6	5.7	1.2	1.2	1.2	4.1	4.2	4.2	13.9	13.8	13.6	59
434.4	432.4	425.1	1,520.9	1,502.1	1,530.8	625.9	639.3	641.5	1,723.8	1,777.7	1,780.8	1,312.5	1,292.4	1,298.3	60
16.1	16.0	16.0	69.4	65.2	65.5	15.7	15.8	15.8	71.6	73.2	73.3	97.8	97.7	97.8	61
4.6	4.5	4.5	22.1	21.9	21.9	4.0	4.0	4.0	16.1	20.2	20.1	23.4	22.1	22.1	62

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

	State and area	Total			Mining			Construction			Manufacturing		
		DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P
	NEW YORK—Continued												
1	Buffalo	507.7	500.6	496.5	(1)	(1)	(1)	15.8	16.5	14.9	135.2	130.1	126.4
2	Elmira	37.7	37.5	37.1	(1)	(1)	(1)	1.1	1.1	1.0	11.2	11.2	10.9
3	Monroe County [7]	343.4	346.6	344.2	(1)	(1)	(1)	8.9	10.3	9.2	136.9	139.0	137.3
4	Nassau—Suffolk [8]	929.4	929.1	931.5	(1)	(1)	(1)	37.0	36.8	36.0	167.3	166.2	165.1
5	New York—Northeastern New Jersey	6,776.3	6,775.4	(*)	2.9	3.0	(*)	202.1	206.4	(*)	1,330.1	1,307.4	(*)
6	New York and Nassau—Suffolk [9]	4,707.0	4,723.1	4,739.9	1.8	1.7	1.7	130.1	134.9	133.1	749.1	737.1	729.0
7	New York SMSA [9]	3,782.5	3,794.0	3,808.4	1.6	1.5	1.5	93.1	98.1	97.1	581.8	571.0	563.9
8	New York City [9]	3,329.7	3,341.8	3,351.3	1.2	1.2	1.2	74.6	77.8	77.6	489.6	483.2	472.5
9	Poughkeepsie	97.9	100.5	100.6	(1)	(1)	(1)	2.8	2.7	2.6	31.7	33.4	33.3
10	Rochester	420.5	425.2	421.7	(1)	(1)	(1)	11.0	12.8	11.5	157.9	161.6	159.0
11	Rockland County [9]	83.0	83.9	84.0	(1)	(1)	(1)	2.6	2.9	2.8	16.1	16.3	16.3
12	Syracuse	261.5	263.1	261.1	(1)	(1)	(1)	9.2	10.2	9.2	59.6	58.8	58.0
13	Utica—Rome	113.4	115.9	115.2	(1)	(1)	(1)	2.4	2.8	2.6	29.4	30.9	30.5
14	Westchester County [9]	357.8	356.1	361.1	(1)	(1)	(1)	15.2	16.6	16.1	74.8	70.2	73.9
15	**NORTH CAROLINA**	2,416.1	2,407.6	2,393.6	5.1	4.7	4.7	116.5	111.1	108.8	823.3	818.9	808.9
16	Asheville	70.1	69.7	68.5	(1)	(1)	(1)	3.0	3.2	3.0	21.8	21.0	20.8
17	Charlotte—Gastonia	338.1	337.0	337.1	(1)	(1)	(1)	18.0	17.8	17.6	93.5	93.7	93.0
18	Greensboro—Winston-Salem—High Pt.	385.1	391.5	392.0	(1)	(1)	(1)	16.5	17.3	17.2	148.9	149.5	149.2
19	Raleigh—Durham	274.1	272.1	271.6	(1)	(1)	(1)	12.3	12.6	12.4	44.1	44.1	43.7
20	**NORTH DAKOTA** [3]	247.1	255.0	253.3	8.8	11.8	11.8	14.4	17.2	14.0	15.2	15.7	15.5
21	Fargo—Moorhead [3]	62.8	63.2	63.4	(2)	(2)	(2)	3.2	3.3	2.9	4.8	4.5	5.0
22	**OHIO**	4,420.1	4,380.0	4,341.9	31.0	31.4	31.0	174.6	175.7	163.2	1,253.3	1,217.6	1,184.2
23	Akron	263.7	259.5	259.0	(*)	(*)	(*)	7.7	8.1	7.3	77.8	74.9	74.4
24	Canton	156.3	156.0	156.2	(*)	(*)	(*)	5.5	5.3	5.0	54.5	54.8	54.6
25	Cincinnati	610.6	609.4	606.5	(*)	(*)	(*)	26.0	26.0	24.7	163.8	162.0	161.0
26	Cleveland	907.1	897.1	891.5	(*)	(*)	(*)	32.1	33.0	30.7	253.6	248.0	241.1
27	Columbus	526.0	525.9	525.1	(*)	(*)	(*)	20.4	21.0	19.4	96.3	93.5	92.4
28	Dayton	361.0	359.5	355.3	(*)	(*)	(*)	13.3	12.1	11.3	99.5	100.2	99.6
29	Toledo	295.7	294.8	292.8	(*)	(*)	(*)	13.3	13.4	12.7	77.1	73.5	71.8
30	Youngstown—Warren	199.1	201.7	193.4	(*)	(*)	(*)	7.2	7.0	6.5	65.2	66.1	60.1
31	**OKLAHOMA**	1,199.6	1,199.2	1,204.5	75.3	90.7	91.4	56.8	58.6	56.2	190.2	194.4	194.3
32	Enid	26.1	25.9	25.9	2.1	2.5	2.5	1.8	1.4	1.4	3.0	2.8	2.8
33	Lawton	29.3	29.6	29.8	(1)	(1)	(1)	1.6	1.5	1.5	2.7	2.9	2.9
34	Oklahoma City	410.1	429.9	433.1	18.8	21.6	22.0	19.8	24.5	24.3	55.0	54.5	54.3
35	Tulsa	311.4	325.2	325.8	22.2	24.9	24.9	17.6	18.5	18.2	63.2	66.5	66.6
36	**OREGON**	1,027.8	1,001.4	990.1	2.2	2.0	1.8	38.4	36.6	34.3	209.3	194.5	190.5
37	Eugene—Springfield	102.7	99.6	(*)	(1)	(1)	(*)	4.2	4.2	(*)	19.6	18.7	(*)
38	Jackson County	–	–	–	–	–	–	–	–	–	7.7	6.2	5.8
39	Portland	551.5	534.4	531.2	(1)	(1)	(1)	22.0	19.0	17.9	111.7	105.9	104.2
40	Salem	85.6	84.8	82.1	(1)	(1)	(1)	3.8	3.3	3.3	12.5	12.8	10.9
41	**PENNSYLVANIA**	4,705.0	4,682.4	4,649.9	49.5	52.1	50.3	181.1	187.7	172.9	1,310.4	1,265.7	1,252.4
42	Allentown—Bethlehem—Easton	265.0	261.5	259.1	(1)	(1)	(1)	8.7	8.6	8.1	106.5	103.5	102.0
43	Altoona	49.2	49.2	48.5	(1)	(1)	(1)	2.2	2.2	2.2	11.9	12.8	12.5
44	Delaware Valley [10]	1,594.8	1,561.5	1,558.5	(1)	(1)	(1)	61.7	57.6	56.1	366.2	355.6	352.3
45	Erie	112.5	108.6	108.8	(1)	(1)	(1)	3.0	3.3	3.0	40.8	40.1	40.4
46	Harrisburg	222.7	223.1	223.0	(1)	(1)	(1)	8.1	8.7	7.9	42.8	41.3	41.2
47	Johnstown	84.1	81.5	79.8	8.0	8.3	7.9	2.5	2.6	2.3	17.6	16.3	15.2
48	Lancaster	155.3	155.0	153.8	(1)	(1)	(1)	7.2	6.9	6.7	58.9	59.6	59.0
49	Northeast Pennsylvania	240.1	237.9	235.4	1.2	1.2	1.1	11.1	12.8	11.4	69.8	69.6	69.1
50	Philadelphia SMSA	1,529.3	1,893.5	1,889.5	(1)	(1)	(1)	75.9	71.8	69.7	436.2	425.9	421.5
51	Philadelphia City [7]	790.2	770.1	768.5	(1)	(1)	(1)	21.4	18.3	17.6	133.2	131.5	129.5
52	Pittsburgh	956.4	935.4	930.8	10.2	10.0	9.8	43.4	48.3	43.6	239.5	225.0	225.7
53	Reading	143.4	144.4	144.2	(1)	(1)	(1)	5.5	5.8	5.4	54.7	54.9	54.9
54	Scranton [12]	88.3	85.5	84.2	(1)	(1)	(1)	2.4	3.0	2.4	28.3	28.2	27.6
55	Wilkes-Barre—Hazleton [13]	122.5	122.7	121.2	1.1	1.1	1.1	7.4	8.6	7.8	36.8	36.7	36.5
56	Williamsport	47.3	46.5	46.5	(1)	(1)	(1)	1.2	1.4	1.3	16.2	15.9	16.1
57	York	158.5	158.1	156.6	(1)	(1)	(1)	6.7	6.7	6.5	66.9	66.8	65.6
58	**RHODE ISLAND**	404.3	404.9	402.3	(1)	(1)	(1)	12.9	13.0	12.6	128.9	126.3	123.1
59	Providence—Warwick—Pawtucket	412.5	411.1	408.0	(1)	(1)	(1)	13.2	13.2	12.8	142.7	140.2	136.3
60	**SOUTH CAROLINA**	1,195.5	1,189.8	1,189.7	1.9	1.8	1.9	71.9	67.2	66.4	389.8	385.1	383.0
61	Charleston—North Charleston	149.3	152.3	152.6	(1)	(1)	(1)	10.5	11.2	11.1	20.1	20.7	20.2
62	Columbia	181.0	179.3	179.7	(1)	(1)	(1)	6.5	8.4	8.3	27.3	27.5	27.2
63	Greenville—Spartanburg	265.4	262.6	262.7	(1)	(1)	(1)	17.3	17.1	17.0	103.0	100.1	99.4

See footnotes at end of table.

B-8. Employees on nonagricultural payrolls for States and selected areas, by industry division—Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	
27.1	26.2	25.9	116.3	114.9	116.2	22.5	22.4	22.3	103.1	104.8	104.5	87.6	89.7	86.3	1
1.3	1.3	1.3	6.2	6.1	6.1	1.1	1.1	1.1	7.4	7.3	7.4	6.5	6.4	6.3	2
10.2	10.1	10.1	61.5	60.7	62.0	14.3	14.4	14.4	69.4	71.8	70.9	41.7	40.2	40.3	3
35.3	40.5	41.0	248.8	248.0	251.5	51.9	52.1	52.1	202.2	208.4	208.8	177.9	176.6	177.1	4
470.8	474.0	(*)	1,452.6	1,425.0	(*)	633.7	643.2	(*)	1,598.2	1,641.1	(*)	1,085.9	1,075.3	(*)	5
321.5	322.0	319.3	993.5	979.8	956.2	524.5	532.8	534.9	1,217.5	1,248.5	1,252.3	768.6	766.2	765.4	6
282.2	281.1	278.3	744.7	731.8	744.7	472.6	480.7	482.8	1,015.9	1,040.3	1,047.7	590.7	589.5	592.3	7
258.7	257.3	254.5	636.0	624.2	635.4	451.2	459.2	461.2	907.4	930.0	937.8	511.1	509.0	511.2	8
2.9	2.8	2.9	16.4	16.3	16.4	2.7	2.8	2.7	17.8	18.8	18.8	23.6	23.7	24.0	9
12.9	12.7	12.6	79.3	77.8	79.2	15.9	16.0	16.1	80.5	82.7	81.7	63.2	61.7	61.7	10
3.5	3.5	3.5	18.6	18.6	18.9	2.5	2.5	2.5	16.2	17.9	17.8	21.4	22.0	22.1	11
14.9	14.7	14.7	57.9	57.8	58.3	16.5	16.6	16.6	52.9	55.1	54.3	50.5	50.0	49.9	12
3.9	3.9	3.9	22.2	22.5	22.4	5.4	5.5	5.5	21.0	21.5	21.3	26.0	28.0	28.5	13
19.4	19.7	19.7	87.1	85.9	87.4	18.4	18.5	18.5	87.9	89.9	89.6	54.9	55.3	55.8	14
117.2	115.6	115.0	488.0	478.9	481.0	95.5	96.5	96.4	345.0	355.1	352.4	425.5	422.8	422.4	15
3.7	3.7	3.6	15.4	15.3	15.4	2.2	2.1	2.2	12.1	12.3	11.9	11.9	12.1	12.0	16
31.2	31.6	31.3	84.3	82.1	83.1	21.1	21.1	21.2	52.3	53.8	53.9	37.7	36.9	37.0	17
21.1	21.5	21.5	79.1	76.1	75.0	18.0	18.4	18.3	57.5	59.5	59.3	48.0	47.2	47.5	18
13.7	14.2	14.2	93.8	92.4	93.2	15.7	15.8	15.8	57.8	57.2	56.1	76.7	75.8	76.2	19
17.2	17.2	17.3	67.5	67.1	67.8	11.8	11.8	11.9	50.6	52.7	53.0	61.6	61.5	61.6	20
4.1	4.0	3.9	19.0	18.9	19.1	3.9	3.9	3.9	14.4	14.9	14.9	13.4	13.7	13.7	21
224.0	221.1	221.1	955.2	977.0	988.6	207.2	208.7	209.5	830.9	862.7	858.5	703.9	685.7	685.8	22
13.9	13.7	13.6	58.4	56.8	57.6	9.3	9.0	9.0	49.8	51.5	51.4	46.4	45.1	45.2	23
7.0	7.2	7.3	33.7	33.1	33.5	6.3	6.4	6.4	28.9	29.8	29.7	19.2	18.3	18.7	24
34.0	33.4	33.3	145.9	144.3	145.5	33.4	33.6	33.7	121.6	125.6	125.4	85.6	84.2	84.0	25
46.3	45.4	45.6	214.4	209.5	212.3	48.6	49.0	49.1	187.0	192.6	191.8	123.7	118.4	119.5	26
25.1	25.3	25.3	128.6	129.1	131.1	38.9	40.3	40.5	107.6	112.0	111.4	108.3	104.0	104.2	27
13.3	13.2	13.1	76.2	74.1	75.7	13.7	13.9	13.9	74.0	76.0	75.6	70.5	69.7	69.7	28
19.9	19.6	19.5	68.5	67.2	67.9	10.9	10.5	11.0	60.8	62.8	62.5	48.8	48.8	48.5	29
9.1	9.3	9.3	45.8	44.5	44.9	7.1	7.3	7.3	37.6	39.1	38.9	26.6	26.0	25.9	30
67.6	67.2	67.2	282.0	292.6	296.4	57.0	58.6	58.8	203.0	212.9	213.8	227.7	224.0	224.4	31
2.8	2.9	2.9	6.1	7.1	7.1	1.1	1.1	1.1	4.5	4.4	4.4	3.7	3.7	3.7	32
1.3	1.4	1.4	7.3	7.1	7.2	1.3	1.4	1.4	4.4	4.6	4.6	10.7	10.7	10.8	33
24.4	25.4	25.2	104.2	108.8	110.8	24.7	25.9	25.9	75.1	79.4	80.0	88.1	89.8	90.6	34
24.0	24.3	24.4	72.7	76.1	76.3	15.6	16.0	16.3	62.8	65.7	66.1	33.3	33.2	33.0	35
60.1	59.0	58.4	259.3	251.9	251.4	61.6	63.6	62.3	189.7	190.0	189.6	201.2	203.8	200.8	36
5.2	4.8	(*)	25.8	24.5	(*)	5.3	5.2	(*)	20.0	20.0	(*)	22.6	23.8	(*)	37
–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	38
36.0	36.0	35.8	144.5	136.5	136.5	46.0	44.1	44.0	110.5	111.4	111.9	80.8	79.5	78.9	39
2.9	2.8	2.8	15.7	16.8	16.7	5.4	5.4	5.4	14.9	15.0	14.9	26.6	26.7	26.1	40
259.9	249.1	248.0	1,014.0	982.7	988.2	238.1	239.6	239.1	975.2	1,002.0	995.4	736.8	703.5	703.6	41
14.1	14.2	14.0	51.1	50.3	50.3	9.6	9.8	9.8	44.7	46.4	46.2	29.9	28.7	28.7	42
6.5	5.8	5.4	11.0	10.9	10.8	1.5	1.5	1.5	8.5	8.6	8.7	7.6	7.6	7.4	43
82.2	78.6	78.0	338.3	329.8	330.7	109.5	112.2	112.2	400.5	407.4	404.0	236.4	222.3	225.2	44
5.3	5.4	5.3	22.8	22.0	22.1	4.9	4.9	4.9	22.8	22.8	22.7	12.9	10.3	10.4	45
16.1	15.6	15.7	45.3	45.2	45.2	13.2	13.2	13.3	39.3	41.2	40.9	57.9	57.5	58.8	46
4.8	4.5	4.5	16.5	15.7	15.8	4.0	4.1	4.1	16.0	15.9	15.8	14.7	14.1	14.2	47
5.9	6.3	6.0	34.8	34.8	34.8	5.7	5.9	5.9	27.3	26.9	26.9	15.5	14.6	14.5	48
13.3	13.0	12.9	51.5	50.2	50.0	9.6	9.9	9.9	44.0	43.4	43.3	39.6	37.8	37.7	49
96.9	93.6	92.3	427.8	416.3	420.3	126.2	128.4	128.4	467.7	476.4	473.1	298.6	281.1	284.2	50
50.8	48.3	47.8	150.7	148.1	147.8	66.5	67.2	67.2	220.3	221.8	219.0	147.3	136.9	135.6	51
59.1	56.1	55.4	215.7	213.4	215.5	45.7	45.3	45.1	217.6	217.2	215.8	125.2	120.1	119.5	52
6.4	6.3	6.3	29.4	25.1	25.3	6.1	6.4	6.4	23.6	24.6	24.6	17.7	17.3	17.3	53
4.4	4.1	4.1	19.6	18.7	18.8	3.6	3.6	3.6	17.5	16.5	16.8	12.1	11.0	10.5	54
7.0	7.2	7.0	26.8	26.2	25.5	5.0	5.3	5.2	19.0	19.3	19.4	19.4	18.3	18.3	55
2.3	2.3	2.3	10.6	10.2	10.2	2.2	2.2	2.2	8.2	8.3	8.2	6.6	6.7	6.2	56
7.3	7.4	7.3	32.8	33.7	33.7	3.9	3.8	3.8	21.7	21.6	21.8	18.2	18.1	17.5	57
13.9	13.2	13.2	84.4	82.4	83.9	21.1	21.0	21.1	83.5	90.4	90.1	60.0	58.6	58.3	58
13.5	13.1	13.2	84.9	82.0	83.5	21.1	20.8	20.9	80.7	87.0	86.8	56.4	54.8	54.5	59
54.2	55.3	55.5	229.9	228.9	232.4	47.7	49.3	49.3	157.1	162.9	162.2	243.0	239.3	239.0	60
9.6	9.5	9.7	32.3	33.1	33.8	6.3	6.5	6.4	24.2	25.8	25.8	46.3	45.5	45.6	61
9.5	9.4	9.4	38.3	36.5	37.2	14.2	13.7	13.7	27.1	27.5	27.7	56.1	55.4	55.7	62
10.0	10.0	9.8	53.4	52.6	53.4	5.4	5.5	5.5	37.0	37.6	37.6	35.3	35.5	36.0	63

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

State and area	Total			Mining			Construction			Manufacturing		
	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P
SOUTH DAKOTA [1]	237.2	237.1	235.8	2.7	3.0	2.9	9.4	9.7	8.5	25.5	26.2	25.9
Rapid City [1]	30.9	31.1	30.7	(2)	(2)	(2)	1.8	1.7	1.5	2.8	2.8	2.7
Sioux Falls [1]	95.2	95.9	95.0	(2)	(2)	(2)	2.4	2.3	1.8	7.7	7.4	7.5
TENNESSEE	1,736.8	1,719.3	1,706.3	9.8	11.0	10.9	73.1	72.6	70.4	506.1	507.3	498.0
Chattanooga	167.6	164.9	164.5	1.2	1.2	1.2	6.3	6.2	6.1	49.4	48.5	48.1
Knoxville	200.5	197.2	197.8	1.5	1.6	1.6	10.4	11.0	10.6	52.8	50.5	50.9
Memphis	355.0	356.1	355.4	.1	.2	.1	15.7	14.6	14.1	59.3	57.1	56.6
Nashville—Davidson	358.5	357.2	354.4	(1)	(1)	(1)	16.6	16.5	16.0	78.5	81.4	80.2
TEXAS	6,027.2	6,251.5	6,273.9	250.6	288.8	292.6	427.3	442.1	440.2	1,067.0	1,085.2	1,081.5
Abilene	56.6	59.0	59.0	4.3	4.6	4.7	2.9	3.2	3.2	5.7	6.5	6.0
Amarillo	78.6	77.6	78.2	(1)	(1)	(1)	4.0	5.0	5.0	10.1	9.8	9.7
Austin	245.2	252.3	252.6	(1)	(1)	(1)	13.9	13.4	13.5	30.7	31.6	31.5
Beaumont-Port Arthur-Orange	155.5	153.0	153.0	(1)	(1)	(1)	12.1	11.4	10.8	43.5	43.4	44.3
Corpus Christi	124.6	129.1	129.2	6.4	6.3	6.3	12.8	15.1	15.0	16.3	16.6	16.6
Dallas—Fort Worth	1,447.4	1,537.6	1,545.2	25.9	29.4	29.5	86.3	87.6	87.6	321.1	322.0	320.9
El Paso	163.2	166.5	166.8	(1)	(1)	(1)	7.9	7.9	7.8	36.0	37.2	36.8
Galveston—Texas City	71.6	74.0	73.6	(1)	(1)	(1)	4.5	4.9	4.5	12.3	12.7	12.8
Houston	1,471.7	1,528.9	1,535.3	82.7	89.2	90.1	144.3	146.1	144.6	246.9	258.5	259.6
Longview—Marshall	69.3	66.3	66.5	(1)	(1)	(1)	4.7	4.4	4.3	19.1	19.6	19.5
Lubbock	90.4	90.6	91.0	(1)	(1)	(1)	4.1	4.1	4.1	12.5	11.7	11.6
Midland	43.7	47.6	47.5	11.0	13.9	13.1	2.9	2.9	2.9	3.9	3.8	3.8
Odessa	54.7	58.7	59.0	8.6	9.1	9.1	4.4	5.2	5.3	7.5	8.7	8.8
San Angelo	36.0	37.7	38.0	.9	.9	.9	2.2	2.3	2.3	6.3	6.3	6.2
San Antonio	404.7	408.5	410.5	2.6	3.2	3.3	29.1	28.2	27.8	51.6	53.4	53.2
Sherman—Denison	37.0	36.5	36.2	.2	.2	.2	1.8	1.7	1.7	13.2	12.7	12.3
Waco	73.2	74.1	74.2	(1)	(1)	(1)	3.7	3.2	3.2	16.8	17.2	17.1
Wichita Falls	53.7	54.9	54.8	3.4	3.7	3.7	2.4	2.7	2.6	5.8	10.4	10.3
UTAH [1]	557.4	569.3	568.1	15.9	21.5	21.5	29.9	30.0	27.7	87.6	90.9	90.5
Salt Lake City—Ogden [1]	392.1	398.2	398.6	7.8	8.1	8.1	19.9	19.3	18.0	60.2	62.1	62.2
VERMONT	201.9	201.9	203.4	.7	.7	.7	10.0	10.7	9.4	50.4	49.3	49.1
Burlington [1]	59.0	59.6	60.2	-	-	-	-	-	-	15.0	15.8	15.9
Springfield [1]	14.5	13.9	14.2	-	-	-	-	-	-	6.4	6.0	6.0
VIRGINIA [1]	(*)	2,174.7	2,176.5	(*)	23.9	23.8	(*)	113.9	110.8	(*)	410.4	409.1
Bristol	29.2	29.1	29.1	(1)	(1)	(1)	1.4	1.3	1.2	9.5	9.3	9.3
Lynchburg	72.4	72.1	72.2	(1)	(1)	(1)	3.6	3.3	3.3	29.1	29.3	29.2
Newport News—Hampton	153.9	156.3	155.7	(1)	(1)	(1)	7.0	7.1	7.1	36.0	34.9	35.0
Norfolk-Virginia Beach-Portsmouth	288.0	292.5	293.5	(1)	(1)	(1)	15.3	16.3	16.1	29.2	29.7	29.6
Northern Virginia [1]	439.7	444.9	445.7	.4	.4	.4	27.5	26.9	26.2	17.3	18.2	18.3
Petersburgh-Colonial Hghts-Hopewell	47.7	46.4	46.4	(1)	(1)	(1)	2.4	2.2	2.1	12.1	11.1	10.9
Richmond	329.8	329.1	329.7	.4	.3	.3	16.2	15.8	15.2	56.2	55.9	55.4
Roanoke	105.2	102.6	102.6	.1	.1	.1	6.0	4.9	4.5	21.0	20.5	20.5
WASHINGTON	1,608.6	1,571.8	1,561.6	3.3	3.3	3.2	90.2	81.7	78.1	301.3	292.9	286.1
Seattle—Everett	798.0	770.8	770.6	(1)	(1)	(1)	38.9	36.0	34.6	175.0	164.5	163.5
Spokane	127.7	124.4	123.9	(1)	(1)	(1)	5.6	5.4	4.8	16.3	16.3	15.9
Tacoma	141.9	140.0	139.2	(1)	(1)	(1)	6.9	6.5	6.2	22.0	22.2	22.2
WEST VIRGINIA	650.1	632.2	626.0	65.9	67.4	67.0	34.8	28.2	24.6	117.1	110.9	108.8
Charleston	116.7	112.6	112.5	6.8	6.7	6.7	6.5	5.3	4.7	17.6	17.0	16.9
Huntington—Ashland	104.8	104.8	104.4	1.1	1.1	1.1	5.1	4.0	3.4	26.5	25.8	25.7
Parkersburg—Marietta	58.3	57.6	56.8	.9	.9	.9	3.4	3.0	2.6	16.7	16.5	16.4
Wheeling	65.6	65.0	64.7	5.4	5.4	5.4	2.8	2.2	1.9	11.8	12.2	12.0
WISCONSIN	1,555.3	1,557.5	1,540.0	2.4	2.2	1.8	66.8	68.1	62.4	546.4	539.2	531.0
Appleton—Oshkosh	125.4	127.0	125.7	(1)	(1)	(1)	6.3	5.4	5.2	45.5	46.5	46.3
Eau Claire	49.3	49.7	49.2	(1)	(1)	(1)	1.9	2.3	2.1	9.0	8.6	8.6
Green Bay	78.6	79.3	78.9	(1)	(1)	(1)	3.1	2.7	2.5	21.1	21.5	21.0
Janesville—Beloit	52.8	48.8	49.0	(1)	(1)	(1)	2.3	1.6	1.4	20.6	17.2	17.5
Kenosha	42.8	42.0	41.3	(1)	(1)	(1)	2.0	1.8	1.7	16.5	16.5	15.8
La Crosse	48.7	47.6	47.6	(1)	(1)	(1)	1.6	1.6	1.4	10.7	10.7	10.7
Madison	173.7	174.6	173.4	(1)	(1)	(1)	6.6	7.0	6.3	19.6	20.5	20.3
Milwaukee	671.9	671.9	668.7	(1)	(1)	(1)	21.2	21.4	19.6	202.4	193.8	193.2
Racine	66.6	67.5	66.5	(1)	(1)	(1)	1.8	1.5	1.3	29.2	28.6	28.0
WYOMING [1]	213.4	216.2	214.3	36.6	39.8	39.4	20.0	18.5	17.0	10.0	10.6	10.5
Casper [1]	40.8	41.0	41.1	7.8	7.9	7.8	3.4	3.4	3.0	1.9	2.1	2.1
Cheyenne [1]	30.9	30.9	30.4	(1)	(1)	(1)	2.2	1.7	1.6	1.6	1.4	1.3

See footnotes at end of table.

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance and real estate			Services			Government			
DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	
13.4	12.9	13.0	64.9	64.2	64.7	11.2	11.3	11.3	50.5	51.1	50.3	59.6	58.7	59.2	1
1.9	1.9	1.9	9.0	8.7	8.5	1.6	1.5	1.5	6.7	7.0	7.0	7.1	7.5	7.6	2
4.9	4.6	4.6	16.6	16.0	16.3	3.4	3.5	3.5	13.4	14.1	14.2	6.8	7.0	7.1	3
84.0	81.6	80.8	382.8	370.4	373.7	77.8	75.1	74.9	286.0	300.3	299.6	317.2	301.0	298.0	4
7.2	7.2	7.2	32.7	32.5	32.7	9.4	9.3	9.2	27.7	27.3	27.3	33.7	32.7	32.7	5
8.1	8.1	8.1	42.2	43.1	43.5	8.1	8.1	8.1	31.1	32.1	32.0	46.3	42.7	42.6	6
26.9	26.5	26.5	99.0	95.1	100.4	19.2	19.2	19.1	72.7	74.9	74.5	66.1	64.5	64.1	7
19.0	18.8	18.8	81.7	78.2	78.1	24.5	23.8	23.9	73.4	76.2	75.1	64.8	62.3	62.3	8
370.3	370.2	368.9	1,475.8	1,539.8	1,562.0	347.3	356.7	357.9	1,042.9	1,099.4	1,096.2	1,046.0	1,053.7	1,054.6	9
3.2	3.3	3.3	16.0	16.3	16.6	2.6	2.8	2.9	12.3	12.8	12.7	9.6	9.5	9.6	10
7.2	7.3	7.3	22.7	23.0	23.7	3.7	3.7	3.7	15.0	16.0	16.1	12.9	12.8	12.7	11
7.3	7.4	7.3	53.4	56.0	56.7	14.9	15.3	15.4	42.9	46.4	46.1	81.1	82.2	82.1	12
11.6	11.8	11.6	35.0	33.2	33.4	5.5	5.9	5.9	26.9	28.0	27.8	20.9	19.3	19.2	13
7.7	7.0	7.2	28.7	25.6	25.9	5.2	5.4	5.4	21.4	22.3	22.4	26.1	26.8	26.4	14
95.4	98.0	98.5	406.2	414.5	422.3	112.4	117.1	117.7	261.8	284.5	284.2	186.3	184.1	184.5	15
11.1	11.0	11.0	39.5	39.5	40.7	7.4	7.7	7.7	25.0	25.0	25.0	36.3	37.8	37.8	16
6.8	7.2	7.1	14.0	14.6	14.8	4.7	4.8	4.8	11.1	11.6	11.4	18.2	18.2	18.2	17
103.4	107.5	109.6	357.7	366.0	366.4	85.9	93.9	94.3	281.7	299.4	300.3	165.1	168.3	168.4	18
3.6	3.5	3.6	15.0	14.9	15.1	2.4	2.4	2.4	13.1	13.6	13.7	7.4	7.9	7.9	19
5.1	5.0	5.2	27.5	27.3	27.9	4.8	4.9	4.9	16.9	17.4	17.4	19.5	20.2	19.9	20
2.4	2.6	2.6	10.0	10.5	10.7	2.4	2.8	2.8	6.4	7.2	7.3	4.7	4.8	4.7	21
2.5	2.5	2.5	16.5	17.4	17.5	2.0	2.1	2.1	6.8	7.3	7.3	6.4	6.4	6.4	22
3.3	3.7	3.6	6.7	9.1	9.3	1.5	1.6	1.7	6.7	7.2	7.3	6.4	6.6	6.7	23
18.5	19.6	19.7	100.8	99.1	101.1	27.6	27.8	27.9	80.3	82.5	82.7	94.2	94.7	94.8	24
2.4	2.5	2.5	7.2	7.2	7.3	1.3	1.3	1.3	5.9	6.0	6.0	5.0	4.9	4.9	25
3.5	3.5	3.6	17.7	18.3	18.5	4.2	4.3	4.3	15.5	16.0	15.9	11.8	11.6	11.6	26
2.7	2.7	2.7	13.8	13.6	13.8	2.3	2.4	2.4	8.2	8.3	8.3	11.1	11.1	11.0	27
33.6	35.0	34.9	134.2	133.8	135.7	26.1	26.4	26.6	101.4	105.2	105.7	124.5	126.5	125.6	28
26.6	27.4	27.4	100.6	99.6	100.9	21.0	21.3	21.4	68.6	70.4	71.1	88.4	90.1	89.6	29
8.7	8.9	8.8	41.9	42.5	42.9	8.2	8.2	8.3	45.7	43.4	45.6	38.3	38.2	38.6	30
2.3	2.4	2.4	12.2	12.2	12.4	–	–	–	12.4	12.4	12.5	–	–	–	31
.7	.7	.7	2.1	2.1	2.1	–	–	–	2.6	2.3	2.6	–	–	–	32
(*)	117.6	117.8	(*)	475.1	483.0	(*)	105.8	105.8	(*)	416.0	414.1	(*)	511.9	512.5	33
1.2	1.3	1.3	7.0	7.1	7.3	1.0	1.0	1.0	3.8	3.8	3.8	5.3	5.3	5.2	34
2.7	2.6	2.6	11.8	11.4	11.6	3.8	3.6	3.6	11.0	11.1	11.2	10.4	10.8	10.7	35
5.1	5.3	5.3	29.6	30.7	30.9	5.0	5.0	5.0	28.2	30.7	30.0	43.0	42.6	42.4	36
18.8	19.6	19.6	71.3	73.8	74.8	14.5	14.7	14.7	55.5	57.6	57.7	81.4	80.8	81.0	37
29.3	28.9	28.3	103.0	104.1	104.5	27.2	28.0	27.9	113.7	116.1	115.5	121.3	122.7	122.6	38
1.5	1.4	1.5	8.4	8.4	8.6	1.3	1.2	1.3	6.5	6.8	6.7	15.5	15.3	15.3	39
19.8	20.2	20.2	75.8	74.9	76.1	26.9	26.5	26.5	59.1	61.1	61.6	75.4	74.4	74.4	40
9.6	9.6	9.5	26.5	25.9	26.3	6.2	6.1	6.1	19.7	19.9	20.0	16.1	15.6	15.6	41
90.6	86.5	86.4	390.0	380.5	384.2	92.2	91.9	91.9	309.1	314.3	313.3	331.9	320.7	318.4	42
53.7	52.1	51.9	194.2	188.0	190.5	57.5	58.1	58.3	156.8	157.4	157.6	121.9	114.7	114.2	43
7.9	7.6	7.6	35.8	34.4	34.5	8.3	8.0	8.1	29.8	30.4	30.4	24.0	22.3	22.2	44
6.9	7.0	7.1	33.8	33.3	33.4	7.3	7.3	7.3	31.5	31.7	31.4	33.5	32.0	31.6	45
43.0	43.2	43.0	133.9	133.1	134.7	22.3	22.0	22.0	99.2	98.4	98.3	134.0	129.1	129.6	46
9.8	9.5	9.5	27.8	26.6	27.0	5.0	5.0	5.0	20.3	20.6	20.7	22.8	21.8	21.9	47
9.8	10.2	10.1	24.5	25.6	26.0	3.8	3.7	3.6	15.1	15.4	15.3	19.0	19.1	19.1	48
2.5	2.5	2.5	13.2	12.9	13.1	2.1	2.1	2.1	10.0	10.0	9.9	9.5	9.6	9.6	49
3.9	3.8	3.8	15.9	15.5	15.7	2.8	2.8	2.8	13.7	13.8	13.9	9.2	9.3	9.2	50
94.6	91.4	91.0	452.6	453.3	456.3	94.8	96.2	96.2	372.4	383.4	384.2	327.6	324.2	323.1	51
4.4	4.5	4.4	26.4	26.8	26.2	5.5	5.6	5.6	21.0	21.9	21.9	16.9	16.4	16.2	52
2.6	2.5	2.5	13.0	13.5	13.5	1.6	1.6	1.6	10.1	10.4	10.3	11.0	10.8	10.7	53
5.9	6.1	6.0	20.3	20.2	20.5	2.4	2.4	2.4	15.5	16.1	16.0	10.3	10.4	10.4	54
2.1	2.2	2.2	11.3	11.1	11.1	1.4	1.4	1.4	8.2	8.4	8.3	6.9	7.0	7.2	55
1.2	1.2	1.1	8.3	8.2	8.1	1.1	1.1	1.1	7.8	7.7	7.8	5.9	5.7	5.7	56
2.3	2.2	2.2	12.7	12.7	12.7	1.1	1.1	1.1	10.6	11.4	11.4	7.8	7.8	8.0	57
6.5	6.5	6.6	38.5	38.5	38.9	12.9	13.0	13.0	31.5	33.0	32.9	58.0	55.6	55.5	58
35.2	33.9	33.8	150.0	146.5	146.6	25.7	40.1	40.2	146.6	151.1	150.5	86.9	84.7	84.8	59
2.3	2.3	2.4	12.9	12.7	12.5	2.2	2.2	2.1	11.3	11.2	11.1	8.9	9.1	9.1	60
17.4	17.7	17.8	47.2	46.7	46.8	7.4	7.5	7.5	29.5	30.1	30.2	45.3	42.8	42.1	61
2.8	2.9	2.9	12.0	10.8	11.2	1.7	1.6	1.8	5.6	5.8	5.8	5.6	6.3	6.5	62
4.6	4.4	4.1	7.2	7.3	7.4	1.6	1.5	1.6	4.8	5.7	5.5	8.9	8.9	8.9	63

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

State and area	Total			Mining			Construction			Manufacturing		
	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P
1 PUERTO RICO	(*)	(*)	(*)	.9	.8	.8	36.7	28.7	27.1	(*)	(*)	(*)
2 Caguas	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
3 Mayaguez	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
4 Ponce	(*)	(*)	(*)	(*)	(*)	(*)	3.2	1.8	1.9	(*)	(*)	(*)
5 San Juan	(*)	(*)	(*)	(*)	(*)	(*)	25.2	21.0	19.9	(*)	(*)	(*)
6 VIRGIN ISLANDS	36.9	35.4	35.7	(2)	(2)	(2)	3.3	2.8	2.5	3.1	2.9	2.8

[1] Combined with services.
[2] Combined with construction.
[3] Employment data adjusted to March 1981 benchmark.
[4] Area included in Chicago-Gary Standard Consolidated Statistical Area.
[5] Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.
[6] Subarea of New York—Northeastern New Jersey.
[7] Subarea of Rochester Standard Metropolitan Statistical Area.
[8] Area included in New York and Nassau-Suffolk combined SMSA's.
[9] Subarea of New York Standard Metropolitan Statistical Area.
[10] Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pennsylvania.
[11] Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Philadelphia County.
[12] Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Lackawanna County.
[13] Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Luzerne County.
[14] Total includes data for industry divisions not shown separately.
[15] Subarea of Washington, D.C. Standard Metropolitan Statistical Area: Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park cities and Arlington, Fairfax, Loudoun, and Prince William Counties, Virginia.
p = preliminary.
* Not available.

SOURCE: Cooperating State agencies listed on inside back cover.

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	
18.2	18.4	18.9	122.2	105.2	112.3	27.9	28.5	28.3	85.4	83.1	83.4	263.5	226.6	225.5	1
(*)	(*)	(*)	6.1	5.0	5.5	(*)	(*)	(*)	(*)	(*)	(*)	12.4	10.8	10.8	2
(*)	(*)	(*)	6.4	5.7	5.8	(*)	(*)	(*)	(*)	(*)	(*)	15.8	15.6	15.6	3
(*)	(*)	(*)	9.0	6.9	7.4	(*)	(*)	(*)	7.2	6.6	6.6	18.8	17.2	17.2	4
14.0	14.5	15.1	77.1	69.1	76.9	20.9	21.3	21.3	59.5	58.7	58.4	124.9	117.7	117.5	5
2.0	2.0	2.0	7.5	7.2	7.5	1.5	1.5	1.5	6.0	5.7	5.8	13.5	13.3	13.6	6

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C 1. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls, by industry division, 1960 to date

Year and month	Average weekly earnings	Average weekly hours	Average hourly earnings	Average weekly earnings	Average weekly hours	Average hourly earnings	Average weekly earnings	Average weekly hours	Average hourly earnings	Average weekly earnings	Average weekly hours	Average hourly earnings	Average hourly earnings excl. overtime
	Total private			Mining			Construction			Manufacturing			
1960	$80.67	38.6	$2.09	$105.04	40.9	$2.60	$112.67	36.7	$3.07	$89.72	39.7	$2.26	$2.19
1961	82.60	38.6	2.14	106.92	40.5	2.64	118.08	36.9	3.20	91.56	39.8	2.30	2.25
1962	85.91	38.7	2.22	110.70	41.0	2.70	122.47	37.0	3.31	96.56	40.4	2.39	2.33
1963	88.46	38.8	2.28	115.40	41.6	2.75	127.19	37.1	3.43	99.23	40.5	2.45	2.37
1964	91.33	38.7	2.36	117.76	41.9	2.81	132.06	37.2	3.55	102.97	40.8	2.52	2.43
1965	95.45	38.8	2.46	123.52	42.3	2.92	138.38	37.4	3.70	107.53	41.2	2.61	2.50
1966	98.82	38.6	2.56	130.24	42.7	3.05	146.26	37.6	3.89	111.19	41.0	2.71	2.59
1967	101.84	38.0	2.68	135.89	42.6	3.19	154.95	37.7	4.11	114.49	40.6	2.82	2.71
1968	107.73	37.8	2.85	142.71	42.6	3.35	164.49	37.3	4.41	122.51	40.7	3.01	2.89
1969	114.61	37.7	3.04	154.80	43.0	3.60	181.56	37.9	4.79	129.51	40.6	3.19	3.05
1970	119.83	37.1	3.23	166.60	42.7	3.85	195.65	37.1	5.24	133.33	39.8	3.35	3.23
1971	127.31	36.9	3.45	173.14	42.4	4.06	211.67	37.2	5.69	142.44	39.8	3.58	3.45
1972	136.90	37.0	3.70	189.14	42.6	4.44	221.19	36.5	6.06	154.71	39.7	3.87	3.74
1973	145.39	36.9	3.94	201.60	42.6	4.73	235.89	36.8	6.41	168.56	39.7	4.19	4.04
1974	154.76	36.5	4.24	219.14	41.9	5.23	249.27	36.6	6.81	178.80	40.0	4.61	4.45
1975	163.53	36.1	4.53	259.31	41.9	5.95	266.08	36.4	7.31	190.79	39.7	4.93	4.81
1976	175.45	36.1	4.86	273.90	42.6	6.46	283.23	36.8	7.71	208.92	40.5	5.33	5.02
1977	189.00	36.0	5.25	301.20	43.4	6.96	295.65	36.5	8.15	228.90	40.9	5.68	5.55
1978	203.70	35.8	5.69	337.88	43.4	7.67	318.69	36.8	8.66	249.23	40.6	6.17	5.91
1979	219.91	35.7	6.16	365.07	43.0	8.49	342.99	37.0	9.27	263.34	40.2	6.70	6.41
1980	235.80	35.3	6.66	378.18	43.2	9.17	367.08	37.0	9.92	288.62	39.8	7.29	6.92
1981P	255.20	35.2	7.25	418.62	43.8	10.06	395.60	36.8	10.75	312.65	39.8	7.90	7.44
1981:													
January	246.75	35.1	7.01	425.97	43.6	9.77	379.29	36.9	10.28	300.91	39.9	7.61	7.06
February	247.80	35.0	7.06	422.01	42.8	9.86	368.35	35.9	10.26	300.33	39.5	7.75	7.30
March	249.92	35.2	7.10	416.66	42.1	9.85	380.17	37.2	10.22	303.22	39.9	7.80	7.31
April	250.98	35.2	7.13	422.92	43.6	9.70	384.87	36.9	10.43	302.08	39.8	7.80	7.42
May	252.30	35.2	7.17	421.98	43.8	9.68	388.56	36.9	10.53	310.59	40.1	7.82	7.44
June	254.08	35.4	7.20	418.87	42.1	9.94	394.12	37.2	10.65	320.39	40.2	7.92	7.60
July	257.78	35.6	7.24	419.79	41.5	10.11	404.90	37.8	10.74	317.59	39.8	8.02	7.69
August	259.88	35.6	7.30	447.62	44.1	10.15	405.85	37.1	10.97	323.25	39.9	8.12	7.79
September	259.00	35.0	7.40	450.70	43.8	10.29	393.61	35.7	11.02	328.93	39.5	8.35	8.06
October	260.98	35.1	7.42	457.86	44.5	10.28	416.25	37.5	11.10	323.56	39.3	8.35	8.08
November	261.85	35.1	7.46	461.61	44.4	10.42	431.94	37.9	11.32	324.72	39.5	8.36	8.11
December[p]	261.09	35.2	7.44	466.17	44.8	10.41	434.91	37.9	11.39	329.50	39.9	8.35	8.10
1982:													
January[p]	253.76	34.7	7.51	448.59	42.4	10.58	386.99	33.4	11.54	350.31	39.0	8.39	8.14
	Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			
1960				$66.01	38.6	$1.71	$75.15	37.2	$2.02				
1961				67.61	38.3	1.76	77.17	36.9	2.09				
1962				69.91	38.2	1.83	80.90	37.1	2.17				
1963				72.01	38.1	1.89	84.18	37.5	2.25				
1964	$110.38	41.1	$2.69	74.66	37.9	1.97	85.79	37.3	2.30	79.11	36.1	2.19	
1965	125.14	41.3	3.03	76.91	37.7	2.04	88.91	37.2	2.39	83.40	35.9	2.32	
1966	128.13	41.2	3.11	79.39	37.3	2.14	92.13	37.1	2.48	87.04	35.7	2.44	
1967	130.82	40.5	3.23	82.15	36.8	2.25	95.22	37.1	2.58	89.38	35.3	2.53	
1968	138.85	40.6	3.42	87.60	36.7	2.41	101.75	37.5	2.75	93.97	34.9	2.69	
1969	147.75	40.7	3.63	91.19	35.7	2.56	108.70	37.1	2.93	99.57	34.7	2.87	
1970	155.93	40.5	3.85	96.02	35.3	2.72	113.67	36.7	3.09	98.46	34.4	2.86	
1971	168.82	40.1	4.21	101.09	35.1	2.88	123.85	36.6	3.38	103.58	33.9	3.06	
1972	187.86	40.4	4.65	106.45	35.3	3.05	132.98	36.6	3.64	111.83	33.9	3.30	
1973	201.31	40.5	5.02	111.76	35.6	3.23	139.27	36.6	3.93	117.29	33.8	3.53	
1974	217.48	40.2	5.61	119.02	34.7	3.48	147.61	36.5	4.27	124.99	33.6	3.81	
1975	231.44	39.7	5.88	126.45	33.9	3.73	158.19	36.5	4.58	134.47	33.5	4.03	
1976	256.71	39.8	6.45	133.79	33.7	3.97	155.43	36.6	4.27	143.58	33.5	4.32	
1977	278.80	39.9	6.99	142.52	33.3	4.28	165.26	36.6	4.54	153.65	33.6	4.61	
1978	302.80	40.0	7.57	151.66	32.9	4.61	178.00	36.6	4.89	165.87	33.8	4.95	
1979	325.38	39.9	8.16	164.96	32.6	5.06	190.77	36.6	5.23	179.27	33.8	5.36	
1980	351.45	39.6	8.87	176.46	32.2	5.48	209.29	36.6	5.86	196.81	33.6	5.85	
1981P	382.97	39.4	9.72	190.93	32.1	5.92	228.98	36.2	6.32	208.57	33.6	6.21	
1981:													
January	367.60	39.4	9.33	181.86	31.7	5.69	222.04	36.4	6.15	201.82	33.5	6.03	
February	373.28	39.5	9.45	185.13	31.7	5.84	226.94	36.4	6.21	206.40	33.6	6.17	
March	371.35	39.4	9.42	186.62	31.9	5.85	227.32	36.4	6.19	205.55	33.6	6.15	
April	374.92	39.3	9.54	186.43	32.1	5.87	225.06	36.3	6.20	205.26	33.6	6.20	
May	376.89	39.3	9.59	188.68	32.0	5.89	225.26	36.3	6.20	207.82	33.5	6.22	
June	383.27	39.8	9.63	190.25	32.3	5.89	227.26	36.3	6.26	206.39	33.7	6.22	
July	385.66	39.8	9.69	193.85	32.6	5.91	227.60	36.2	6.27	209.22	33.5	6.24	
August	390.66	39.5	9.89	196.83	32.6	5.96	231.23	36.1	6.37	212.59	33.9	6.41	
September	390.82	39.2	9.97	196.49	32.4	6.04	229.68	36.0	6.38	215.34	33.8	6.51	
October	389.44	39.1	9.96	191.40	31.9	6.00	232.40	36.2	6.42	212.53	33.5	6.47	
November	395.75	39.3	10.07	192.16	31.9	6.01	235.46	36.2	6.51	216.78	33.5	6.47	
December[p]	394.74	39.2	10.07	193.20	32.2	6.00	233.57	36.1	6.47	216.79	33.6	6.45	
1982:													
January[p]	389.62	38.5	10.12	190.96	31.9	6.16	237.16	36.1	6.57	217.22	33.7	6.77	

[1] For coverage of series, see footnote 1, table B-2.

p = preliminary.

NOTE: Data from April 1980 forward are subject to revision when more recent benchmark data are introduced. See "Benchmark adjustment" in the Explanatory notes of this publication.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P	Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P
	TOTAL PRIVATE	$247.06	$246.75	$261.85	$261.89	$253.70	$6.94	$7.03	$7.46	$7.44	$7.51
	MINING	422.04	425.97	461.61	466.37	448.59	9.57	9.77	10.62	10.61	10.56
10	METAL MINING	454.20	444.04	486.81	495.26	-	10.84	10.91	12.14	12.05	-
101	Iron ores	459.65	428.65	504.32	515.75	-	11.52	11.37	12.80	12.61	-
102	Copper ores	496.32	488.75	505.93	518.93	-	11.28	11.50	12.25	12.21	-
11, 12	COAL MINING	456.96	456.85	522.06	530.24	-	11.20	11.17	12.43	12.36	-
12	BITUMINOUS COAL AND LIGNITE MINING	458.18	458.08	522.07	531.53	-	11.23	11.20	12.46	12.39	-
13	OIL AND GAS EXTRACTION	415.77	423.62	443.60	451.55	-	8.98	9.29	9.71	9.69	-
131, 2	Crude petroleum, natural gas, and natural gas liquids	418.91	439.74	460.51	461.89	-	10.07	10.52	11.07	11.05	-
138	Oil and gas field services	414.34	417.88	445.04	448.29	-	8.65	8.91	9.33	9.32	-
14	NONMETALLIC MINERALS, EXCEPT FUELS	347.25	342.93	365.08	368.92	-	7.91	8.05	8.51	8.52	-
142	Crushed and broken stone	334.80	322.15	355.93	358.05	-	7.48	7.58	8.22	8.01	-
	CONSTRUCTION	384.28	379.29	411.44	414.03	386.44	10.32	10.42	11.12	11.19	11.57
15	GENERAL BUILDING CONTRACTORS	343.40	337.84	363.64	364.25	-	9.46	9.49	9.99	10.09	-
152	Residential building construction	319.15	315.50	331.72	327.01	-	8.99	9.04	9.29	9.29	-
153	Operative builders	301.39	298.80	291.81	290.02	-	8.19	8.30	8.22	8.33	-
154	Nonresidential building construction	370.63	362.00	399.63	404.04	-	9.99	10.00	10.83	10.92	-
16	HEAVY CONSTRUCTION CONTRACTORS	386.10	382.31	442.13	439.68	-	9.63	9.63	10.89	10.75	-
161	Highway and street construction	344.20	337.95	390.17	369.87	-	8.67	8.47	9.73	9.27	-
162	Heavy construction, except highway	402.60	396.40	482.99	492.68	-	9.99	10.01	11.32	11.23	-
17	SPECIAL TRADE CONTRACTORS	404.42	399.08	422.44	429.12	-	11.08	11.21	11.80	11.92	-
171	Plumbing, heating, air conditioning	427.43	425.62	434.90	451.27	-	11.16	11.23	11.85	11.97	-
172	Painting, paper hanging, decorating	352.25	356.02	363.20	361.05	-	10.21	10.41	10.62	10.61	-
173	Electrical work	479.60	473.37	489.88	515.52	-	12.43	12.49	13.24	13.39	-
174	Masonry, stonework, and plastering	366.58	355.88	389.30	379.14	-	10.75	10.85	11.45	11.42	-
175	Carpentering and flooring	342.66	321.36	358.42	365.02	-	9.99	9.98	10.48	10.37	-
176	Roofing and sheet metal work	316.77	291.54	359.49	329.39	-	9.57	9.59	10.42	10.49	-
	MANUFACTURING	314.16	308.43	324.72	329.88	308.38	7.70	7.73	8.20	8.25	8.38
24, 25, 32, 39	DURABLE GOODS	341.55	332.49	350.80	355.52	331.36	8.23	8.23	8.75	8.80	8.86
20, 23, 26, 31	NONDURABLE GOODS	274.91	273.22	288.95	292.79	275.30	6.89	6.97	7.39	7.45	7.69
	DURABLE GOODS										
24	LUMBER AND WOOD PRODUCTS	267.58	263.45	268.84	273.46	249.04	6.74	6.79	7.15	7.14	7.39
241	Logging camps and logging contractors	323.67	327.24	362.88	343.91	-	8.54	8.68	9.45	9.22	-
242	Sawmills and planing mills	283.50	280.59	274.13	280.39	-	7.00	7.05	7.31	7.34	-
2421	Sawmills and planing mills, general	298.82	296.46	286.84	294.90	-	7.36	7.43	7.69	7.72	-
2426	Hardwood dimension and flooring	197.96	195.72	200.20	201.49	-	4.90	4.93	5.20	5.22	-
243	Millwork, plywood, and structural members	266.00	260.63	259.93	269.89	-	6.65	6.70	6.95	7.01	-
2431	Millwork	266.79	256.70	276.14	282.80	-	6.62	6.72	7.21	7.27	-
2434	Wood kitchen cabinets	238.39	233.25	232.25	237.38	-	6.16	6.09	6.26	6.33	-
2435	Hardwood veneer and plywood	219.03	212.00	212.14	221.84	-	5.24	5.30	5.51	5.56	-
2436	Softwood veneer and plywood	321.05	326.36	298.78	320.95	-	8.19	8.20	8.44	8.38	-
244	Wood containers . . .	198.60	196.51	211.83	215.60	-	5.24	5.34	5.54	5.60	-
245	Wood buildings and mobile homes	232.13	219.04	229.55	234.12	-	6.24	6.17	6.54	6.67	-
2451	Mobile homes	228.17	212.71	225.98	237.54	-	6.15	6.06	6.42	6.58	-
249	Miscellaneous wood products	231.49	227.93	241.35	249.29	-	5.66	5.67	6.11	6.11	-
25	FURNITURE AND FIXTURES	225.72	217.55	230.12	236.68	201.83	5.70	5.71	6.04	6.10	6.21
251	Household furniture	209.61	200.56	210.00	217.16	-	5.32	5.32	5.60	5.67	-
2511	Wood household furniture	194.13	187.94	199.62	202.54	-	4.89	4.92	5.19	5.22	-
2512	Upholstered household furniture	226.37	208.99	217.07	231.34	-	5.76	5.71	5.98	6.12	-
2514	Metal household furniture	213.79	210.27	229.88	231.08	-	5.51	5.49	5.94	5.91	-
2515	Mattresses and bedsprings	222.05	222.46	214.79	226.44	-	5.89	5.98	6.19	6.29	-
252	Office furniture	254.61	246.14	264.37	270.68	-	6.21	6.20	6.56	6.57	-
253	Public building and related furniture	247.23	246.54	271.95	284.12	-	6.15	6.21	6.85	7.05	-
254	Partitions and fixtures	271.44	268.03	276.10	282.08	-	6.96	6.98	7.19	7.27	-
259	Miscellaneous furniture and fixtures	256.08	244.48	273.93	269.40	-	6.42	6.40	6.95	6.89	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry – Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P	Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P
	TOTAL PRIVATE	35.6	35.1	35.1	35.2	33.7	-	-	-	-	-
	MINING	44.1	44.6	44.3	44.8	42.4	-	-	-	-	-
10	METAL MINING	41.9	40.7	40.1	41.1	-	-	-	-	-	-
101	Iron ores	39.9	37.7	39.4	40.9	-	-	-	-	-	-
102	Copper ores	44.0	42.5	41.3	42.5	-	-	-	-	-	-
11, 12	COAL MINING	40.8	40.9	42.0	42.9	-	-	-	-	-	-
12	BITUMINOUS COAL AND LIGNITE MINING	40.8	40.9	41.9	42.9	-	-	-	-	-	-
13	OIL AND GAS EXTRACTION	46.3	45.6	46.2	46.6	-	-	-	-	-	-
131, 2	Crude petroleum, natural gas, and natural gas liquids	41.6	41.8	41.6	41.8	-	-	-	-	-	-
138	Oil and gas field services	47.9	46.9	47.7	48.1	-	-	-	-	-	-
14	NONMETALLIC MINERALS, EXCEPT FUELS	43.9	42.6	42.9	43.3	-	-	-	-	-	-
142	Crushed and broken stone	45.0	42.5	43.3	44.7	-	-	-	-	-	-
	CONSTRUCTION	37.2	36.4	37.0	37.0	33.4	-	-	-	-	-
15	GENERAL BUILDING CONTRACTORS	36.3	35.6	36.4	36.1	-	-	-	-	-	-
152	Residential building construction	35.5	34.9	35.9	35.2	-	-	-	-	-	-
153	Operative builders	36.8	36.0	35.5	34.0	-	-	-	-	-	-
154	Nonresidential building construction	37.1	36.2	36.9	37.0	-	-	-	-	-	-
16	HEAVY CONSTRUCTION CONTRACTORS	40.1	39.7	40.6	40.9	-	-	-	-	-	-
161	Highway and street construction	39.7	39.9	40.1	39.9	-	-	-	-	-	-
162	Heavy construction, except highway	40.3	39.6	40.9	41.2	-	-	-	-	-	-
17	SPECIAL TRADE CONTRACTORS	36.5	35.6	35.8	36.0	-	-	-	-	-	-
171	Plumbing, heating, air conditioning	38.3	37.9	38.7	37.7	-	-	-	-	-	-
172	Painting, paper hanging, decorating	34.5	34.2	34.2	33.4	-	-	-	-	-	-
173	Electrical work	38.6	37.9	37.0	38.5	-	-	-	-	-	-
174	Masonry, stonework, and plastering	34.1	32.8	34.0	33.2	-	-	-	-	-	-
175	Carpentering and flooring	34.3	32.2	34.2	35.2	-	-	-	-	-	-
176	Roofing and sheet metal work	33.1	30.4	34.5	31.4	-	-	-	-	-	-
	MANUFACTURING	40.8	39.9	39.6	39.9	36.8	3.3	2.9	2.6	2.6	2.2
24, 25, 32-39	DURABLE GOODS	41.5	40.4	40.0	40.4	37.4	3.4	2.9	2.5	2.6	2.0
20-23, 26-31	NONDURABLE GOODS	39.9	39.2	39.1	39.3	35.8	3.1	2.9	2.8	2.7	2.4
	DURABLE GOODS										
24	LUMBER AND WOOD PRODUCTS	39.7	38.8	37.6	38.3	33.7	3.1	2.7	2.2	2.2	-
241	Logging camps and logging contractors	37.9	37.7	38.4	37.3	-	3.6	3.6	3.6	2.9	-
242	Sawmills and planing mills	40.5	39.8	37.5	38.2	-	3.7	3.2	2.5	2.7	-
2421	Sawmills and planing mills, general	40.6	39.9	37.3	38.2	-	3.9	3.4	2.6	2.9	-
2426	Hardwood dimension and flooring	40.4	39.7	38.5	38.6	-	3.1	2.6	2.1	1.5	-
243	Millwork, plywood, and structural members	40.0	38.9	37.4	38.5	-	2.9	2.4	1.6	1.7	-
2431	Millwork	40.3	38.2	38.3	38.9	-	2.6	1.9	1.1	1.1	-
2434	Wood kitchen cabinets	38.7	38.5	37.1	37.5	-	1.6	1.7	1.3	1.6	-
2435	Hardwood veneer and plywood	41.6	40.0	36.5	39.9	-	3.9	3.3	2.1	2.1	-
2436	Softwood veneer and plywood	39.2	39.8	35.4	38.3	-	3.7	3.5	1.9	2.2	-
244	Wood containers	37.9	36.8	38.2	38.5	-	2.0	1.7	2.2	1.9	-
245	Wood buildings and mobile homes	37.2	35.5	35.1	35.1	-	1.8	1.3	.8	.8	-
2451	Mobile homes	37.1	35.1	35.2	36.1	-	1.6	1.1	.7	.8	-
249	Miscellaneous wood products	40.9	40.2	39.5	40.8	-	3.2	2.7	2.4	2.3	-
25	FURNITURE AND FIXTURES	39.6	38.1	38.1	38.8	32.5	2.2	1.9	1.5	1.8	-
251	Household furniture	39.4	37.7	37.5	38.3	-	2.1	1.7	1.3	1.5	-
2511	Wood household furniture	39.7	38.2	36.5	38.8	-	2.1	1.8	1.6	1.6	-
2512	Upholstered household furniture	39.3	36.6	36.3	37.8	-	1.9	1.1	.5	1.5	-
2514	Metal household furniture	38.8	38.3	38.7	39.1	-	2.5	3.0	1.7	1.7	-
2515	Mattresses and bedsprings	37.7	37.2	34.7	36.0	-	1.9	1.8	1.0	.9	-
252	Office furniture	41.0	39.7	40.3	41.2	-	3.1	2.7	2.5	3.3	-
253	Public building and related furniture	40.2	39.7	39.7	40.3	-	3.2	3.1	1.7	3.1	-
254	Partitions and fixtures	39.0	38.4	38.4	38.8	-	2.3	2.0	1.9	2.0	-
259	Miscellaneous furniture and fixtures	40.2	38.2	39.4	39.1	-	1.8	1.0	1.1	1.3	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry – Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P	Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P
32	**STONE, CLAY, AND GLASS PRODUCTS**	$325.73	$317.16	$345.87	$343.71	$319.43	$7.83	$7.87	$8.54	$8.55	$8.61
321	Flat glass	486.74	431.53	467.60	474.75	-	10.49	10.25	11.16	11.25	-
322	Glass and glassware, pressed or blown	340.31	340.71	367.11	366.02	-	8.28	8.31	9.02	9.06	-
3221	Glass containers	362.82	366.24	384.34	383.93	-	8.68	8.72	9.42	9.41	-
3229	Pressed and blown glass, nec	309.94	306.48	343.85	342.74	-	7.71	7.72	8.49	8.59	-
323	Products of purchased glass	284.56	285.42	302.94	303.91	-	6.89	7.03	7.65	7.56	-
324	Cement, hydraulic	469.88	458.70	528.28	510.98	-	11.03	11.00	12.43	12.08	-
325	Structural clay products	259.03	256.38	279.20	274.13	-	6.38	6.44	6.98	6.94	-
326	Pottery and related products	262.42	264.77	275.41	278.64	-	6.61	6.72	6.99	7.20	-
327	Concrete, gypsum, and plaster products	322.40	306.53	341.50	336.40	-	7.75	7.76	8.37	8.41	-
3271	Concrete block and brick	303.46	289.04	315.00	307.93	-	6.96	7.19	7.50	7.66	-
3272	Concrete products, nec	292.07	281.07	310.50	311.47	-	6.84	6.94	7.50	7.56	-
3273	Ready-mixed concrete	340.89	321.90	366.56	355.58	-	8.63	8.63	9.21	9.26	-
329	Misc. nonmetallic mineral products	324.52	317.70	340.57	341.70	-	7.69	7.73	8.43	8.50	-
3291	Abrasive products	314.18	300.85	328.84	329.67	-	7.41	7.41	8.18	8.10	-
3292	Asbestos products	322.70	322.26	330.33	334.38	-	7.72	7.86	8.47	8.53	-
33	**PRIMARY METAL INDUSTRIES**	430.98	425.80	440.67	439.16	423.32	10.36	10.36	11.10	11.09	11.14
331	Blast furnace and basic steel products	486.37	484.38	509.98	504.50	-	11.95	11.96	13.11	13.07	-
3312	Blast furnaces and steel mills	502.61	499.72	526.30	520.28	-	12.41	12.40	13.67	13.62	-
3317	Steel pipe and tubes	403.66	408.94	429.72	426.40	-	9.68	9.76	10.43	10.40	-
332	Iron and steel foundries	373.01	361.97	357.49	358.16	-	8.86	8.85	9.19	9.16	-
3321	Gray iron foundries	385.05	368.83	363.17	360.21	-	9.06	9.04	9.36	9.26	-
3322	Malleable iron foundries	384.50	376.94	370.02	366.46	-	9.31	9.40	9.92	9.80	-
3325	Steel foundries, nec	349.43	344.83	343.09	356.00	-	8.42	8.39	8.73	8.90	-
333	Primary nonferrous metals	477.70	472.76	517.51	521.20	-	11.32	11.31	12.47	12.38	-
3334	Primary aluminum	515.73	499.20	537.95	549.41	-	12.25	12.00	13.25	13.05	-
335	Nonferrous rolling and drawing	410.83	404.12	408.87	405.14	-	9.51	9.42	9.90	9.93	-
3351	Copper rolling and drawing	360.86	366.21	348.02	347.32	-	8.22	8.38	8.53	8.52	-
3353	Aluminum sheet, plate, and foil	524.78	501.56	538.48	514.08	-	11.74	11.53	12.70	12.82	-
3357	Nonferrous wire drawing and insulating	380.03	378.38	378.81	377.51	-	8.90	8.82	9.15	9.23	-
336	Nonferrous foundries	322.51	312.73	328.43	337.02	-	7.79	7.76	8.17	8.22	-
3361	Aluminum foundries	336.88	326.38	338.12	348.59	-	8.04	7.98	8.39	8.42	-
34	**FABRICATED METAL PRODUCTS**	327.81	318.76	337.20	345.47	323.19	7.88	7.89	8.43	8.53	8.55
341	Metal cans and shipping containers	461.44	449.36	487.88	510.27	-	10.30	10.33	11.19	11.39	-
3411	Metal cans	482.76	463.28	509.08	539.52	-	10.61	10.65	11.57	11.78	-
342	Cutlery, hand tools, and hardware	304.16	295.18	314.41	319.14	-	7.51	7.53	7.98	8.10	-
3423,5	Hand and edge tools, and hand saws and blades	285.60	285.98	301.36	306.83	-	7.14	7.24	7.61	7.69	-
3429	Hardware, nec	324.79	310.44	325.36	329.94	-	7.98	7.96	8.30	8.46	-
343	Plumbing and heating, except electric	283.97	271.44	291.78	296.35	-	6.96	6.96	7.52	7.56	-
3432	Plumbing fittings and brass goods	277.28	271.89	274.18	283.58	-	6.73	6.73	7.14	7.29	-
3433	Heating equipment, except electric	272.56	261.44	292.04	300.75	-	6.78	6.88	7.45	7.50	-
344	Fabricated structural metal products	315.12	307.53	335.76	346.47	-	7.63	7.65	8.27	8.43	-
3441	Fabricated structural metal	335.02	328.68	353.87	365.79	-	7.92	7.92	8.61	8.73	-
3442	Metal doors, sash, and trim	251.53	240.95	259.90	264.99	-	6.18	6.21	6.63	6.76	-
3443	Fabricated plate work (boiler shops)	352.37	346.90	378.07	385.93	-	8.43	8.42	9.11	9.19	-
3444	Sheet metal work	306.80	302.25	330.34	343.76	-	7.67	7.75	8.30	8.53	-
3446	Architectural metal work	296.90	285.32	327.47	336.18	-	7.12	7.08	7.76	7.91	-
345	Screw machine products, bolts, etc.	305.44	302.33	318.79	321.59	-	7.36	7.41	7.93	7.98	-
3451	Screw machine products	269.33	268.60	295.54	295.47	-	6.75	6.80	7.37	7.35	-
3452	Bolts, nuts, rivets, and washers	340.13	335.54	341.30	347.84	-	7.91	7.97	8.49	8.61	-
346	Metal forgings and stampings	389.58	373.11	379.20	384.64	-	9.71	9.19	9.60	9.64	-
3462	Iron and steel forgings	397.55	393.60	415.90	418.82	-	9.72	9.84	10.32	10.24	-
3465	Automotive stampings	492.31	465.15	451.56	459.39	-	11.24	11.29	11.49	11.63	-
3469	Metal stampings, nec	291.07	279.90	297.44	301.36	-	6.98	6.98	7.53	7.61	-
347	Metal services, nec	263.13	257.86	262.64	269.68	-	6.31	6.32	6.70	6.81	-
3471	Plating and polishing	253.53	247.95	261.19	266.74	-	6.26	6.23	6.68	6.77	-
3479	Metal coating and allied services	284.60	279.07	265.56	275.20	-	6.41	6.49	6.74	6.88	-
348	Ordnance and accessories, nec	323.70	323.79	343.20	358.52	-	7.80	7.84	8.58	8.66	-
3483	Ammunition, exc. for small arms, nec	288.05	283.01	311.65	317.52	-	7.06	7.04	7.87	7.84	-
349	Misc. fabricated metal products	306.36	298.69	316.40	323.60	-	7.40	7.43	8.01	8.09	-
3494	Valves and pipe fittings	329.55	320.31	342.05	345.02	-	7.86	7.87	8.53	8.54	-
3496	Misc. fabricated wire products	272.30	261.88	269.10	274.71	-	6.53	6.58	6.90	6.99	-
35	**MACHINERY, EXCEPT ELECTRICAL**	358.70	351.44	372.19	382.30	358.94	8.50	8.53	9.10	9.19	9.18
351	Engines and turbines	429.52	419.58	444.24	459.68	-	10.40	10.36	11.19	11.35	-
3511	Turbines and turbine generator sets	411.52	408.20	428.70	427.24	-	9.66	9.86	10.33	10.37	-
3519	Internal combustion engines, nec	436.40	423.31	449.26	471.51	-	10.67	10.53	11 49	11.70	-
352	Farm and garden machinery	390.73	389.63	386.31	396.77	-	9.53	9.48	9.78	9.87	-
3523	Farm machinery and equipment	412.67	411.42	401.88	419 35	-	9.92	9.89	10.20	10.38	-
353	Construction and related machinery	388.86	381.47	414.75	424.95	-	9.15	9.17	9.97	10.07	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry – Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P	Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P
32	STONE, CLAY, AND GLASS PRODUCTS	41.6	40.3	40.5	40.2	37.1	3.9	3.5	3.6	3.3	-
321	Flat glass	46.4	42.1	41.9	42.2	-	4.5	3.9	3.0	2.9	-
322	Glass and glassware, pressed or blown	41.1	41.0	40.7	40.4	-	4.0	3.8	4.2	4.3	-
3221	Glass containers	41.8	42.0	40.8	40.8	-	4.6	4.3	5.0	5.0	-
3229	Pressed and blown glass, nec	40.2	39.7	40.5	39.9	-	3.2	3.2	3.2	3.3	-
323	Products of purchased glass	41.3	40.6	39.6	40.2	-	3.7	3.0	2.4	2.8	-
324	Cement, hydraulic	42.6	41.7	42.5	42.3	-	3.6	3.2	2.8	2.6	-
325	Structural clay products	40.6	39.5	40.0	39.5	-	3.1	2.7	2.9	2.4	-
326	Pottery and related products	39.7	39.4	39.4	38.7	-	2.6	2.3	2.1	1.9	-
327	Concrete, gypsum, and plaster products	41.6	39.4	40.8	40.0	-	4.8	4.1	4.6	4.0	-
3271	Concrete block and brick	43.6	40.2	42.0	40.2	-	5.1	3.8	4.5	3.3	-
3272	Concrete products, nec	42.7	40.5	41.4	41.2	-	4.5	3.8	4.5	4.0	-
3273	Ready-mixed concrete	39.5	37.3	39.8	38.4	-	4.5	3.6	4.7	3.9	-
329	Misc. nonmetallic mineral products	42.2	41.1	40.4	40.2	-	3.5	3.4	2.9	2.7	-
3291	Abrasive products	42.4	40.6	40.2	40.7	-	3.4	2.9	2.4	2.7	-
3292	Asbestos products	41.8	41.0	39.0	39.2	-	3.2	3.1	2.2	2.1	-
33	PRIMARY METAL INDUSTRIES	41.6	41.1	39.7	39.6	38.0	3.4	3.3	2.4	2.3	-
331	Blast furnace and basic steel products	40.7	40.5	38.9	38.6	-	2.6	2.7	1.9	1.7	-
3312	Blast furnaces and steel mills	40.5	40.3	38.5	38.2	-	2.4	2.6	1.8	1.7	-
3317	Steel pipe and tubes	41.7	41.9	41.2	41.0	-	3.8	3.8	2.6	2.6	-
332	Iron and steel foundries	42.1	40.9	38.9	39.1	-	3.7	3.3	2.3	2.4	-
3321	Gray iron foundries	42.5	40.8	38.8	38.9	-	3.7	3.3	2.4	2.4	-
3322	Malleable iron foundries	41.3	40.1	37.3	37.6	-	2.9	3.1	1.8	1.5	-
3325	Steel foundries, nec	41.5	41.1	39.3	40.0	-	4.0	3.4	2.3	2.8	-
333	Primary nonferrous metals	42.2	41.8	41.5	42.1	-	3.7	3.6	3.0	2.8	-
3334	Primary aluminum	42.1	41.6	40.6	42.1	-	3.8	3.6	3.1	3.0	-
335	Nonferrous rolling and drawing	43.2	42.9	41.3	43.8	-	5.2	5.0	3.5	3.4	-
3351	Copper rolling and drawing	43.9	43.7	40.8	41.0	-	5.3	5.0	3.4	3.2	-
3353	Aluminum sheet, plate and foil	44.7	43.5	42.4	40.1	-	6.6	6.2	4.0	4.1	-
3357	Nonferrous wire drawing and insulating	42.7	42.9	41.4	40.9	-	5.3	5.1	3.8	3.6	-
336	Nonferrous foundries	41.4	40.3	40.2	41.0	-	3.1	2.7	2.3	2.5	-
3361	Aluminum foundries	41.9	40.9	40.3	41.4	-	3.3	3.3	2.5	2.8	-
34	FABRICATED METAL PRODUCTS	41.6	40.4	40.0	40.5	37.8	3.3	2.8	2.4	2.5	-
341	Metal cans and shipping containers	44.8	43.5	43.6	44.8	-	4.1	4.8	4.1	4.0	-
3411	Metal cans	45.5	43.5	44.0	45.8	-	4.1	4.7	4.1	4.2	-
342	Cutlery, hand tools, and hardware	40.5	39.2	39.4	39.4	-	2.8	2.1	1.7	1.6	-
3423, 5	Hand and edge tools, and hand saws and blades	40.0	39.5	39.6	39.9	-	2.3	2.1	1.8	1.8	-
3429	Hardware, nec	40.7	39.0	39.2	39.0	-	3.2	2.1	1.5	1.3	-
343	Plumbing and heating, except electric	40.8	39.0	38.8	39.2	-	2.9	1.9	1.3	1.7	-
3432	Plumbing fittings and brass goods	41.2	40.4	38.4	38.9	-	2.7	2.0	1.0	1.2	-
3433	Heating equipment, except electric	40.4	38.0	39.2	40.1	-	3.1	1.7	1.7	2.3	-
344	Fabricated structural metal products	41.3	40.4	40.6	41.1	-	3.3	2.8	2.7	2.9	-
3441	Fabricated structural metal	42.3	41.5	41.1	41.9	-	3.6	3.3	2.9	3.3	-
3442	Metal doors, sash, and trim	40.7	38.8	39.2	39.2	-	3.1	2.1	2.2	1.9	-
3443	Fabricated plate work (boiler shops)	41.8	41.2	41.5	42.0	-	3.5	3.2	3.3	3.6	-
3444	Sheet metal work	40.0	39.0	39.8	40.3	-	2.8	2.3	2.5	2.4	-
3446	Architectural metal work	41.7	40.3	42.2	42.5	-	3.1	2.6	2.4	2.3	-
345	Screw machine products, bolts, etc.	41.5	40.6	40.2	40.3	-	3.5	3.1	2.4	2.2	-
3451	Screw machine products	39.9	39.5	40.1	40.2	-	3.0	2.7	2.5	2.2	-
3452	Bolts, nuts, rivets, and washers	43.0	42.1	40.2	40.4	-	4.1	3.5	2.3	2.2	-
346	Metal forgings and stampings	42.3	43.6	39.5	39.9	-	3.6	3.1	2.2	2.1	-
3462	Iron and steel forgings	40.9	40.0	40.3	40.9	-	3.5	3.2	2.7	2.8	-
3465	Automotive stampings	43.8	41.2	39.3	39.5	-	4.4	3.6	1.9	1.5	-
3469	Metal stampings, nec	41.7	40.1	39.5	39.6	-	3.2	2.4	2.2	2.2	-
347	Metal services, nec	41.7	40.8	39.2	39.6	-	2.9	2.4	2.3	2.6	-
3471	Plating and polishing	40.5	39.8	39.1	39.4	-	3.5	3.0	2.5	2.6	-
3479	Metal coating and allied services	44.4	43.0	39.4	40.0	-	3.5	2.2	2.0	2.6	-
348	Ordnance and accessories, nec	41.5	41.3	40.0	41.4	-	3.1	3.1	2.6	2.7	-
3483	Ammunition, exc. for small arms, nec	40.8	40.2	39.6	40.5	-	2.4	2.4	2.3	1.7	-
349	Misc. fabricated metal products	41.4	40.2	39.5	40.0	-	3.1	2.6	2.4	2.4	-
3494	Valves and pipe fittings	41.8	40.7	40.1	40.4	-	3.6	2.9	2.7	2.8	-
3496	Misc. fabricated wire products	41.7	39.8	39.0	39.3	-	2.8	2.3	1.9	1.7	-
35	MACHINERY, EXCEPT ELECTRICAL	42.2	41.2	40.9	41.6	39.1	3.8	3.4	3.0	3.3	-
351	Engines and turbines	41.3	40.5	39.7	40.5	-	3.7	2.7	2.0	2.4	-
3511	Turbines and turbine generator sets	42.6	41.4	41.5	41.2	-	4.8	3.6	3.7	3.8	-
3519	Internal combustion engines, nec	40.9	40.2	39.1	40.3	-	3.3	2.4	1.4	1.9	-
352	Farm and garden machinery	41.0	41.1	39.5	40.2	-	3.8	3.9	1.9	2.4	-
3523	Farm machinery and equipment	41.6	41.6	39.4	40.4	-	4.3	4.3	2.0	2.6	-
353	Construction and related machinery	42.5	41.4	41.6	42.2	-	3.6	3.3	3.4	3.9	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P	Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P
	MACHINERY, EXCEPT ELECTRICAL—Continued										
3531	Construction machinery	$403.97	$403.13	$447.28	$450.87	-	$10.15	$10.18	$11.21	$11.30	-
3532	Mining machinery	384.93	375.16	396.79	416.36	-	9.10	9.04	10.02	10.18	-
3533	Oil field machinery	409.62	398.05	436.85	441.46	-	8.66	8.71	9.58	9.66	-
3535	Conveyors and conveying equipment	336.20	319.80	337.05	358.15	-	8.22	8.20	8.49	8.63	-
3537	Industrial trucks and tractors	328.84	317.07	338.82	361.01	-	8.18	8.13	8.71	8.87	-
354	Metalworking machinery	372.82	368.46	382.03	392.18	-	8.63	8.69	9.25	9.36	-
3541	Machine tools, metal cutting types	401.40	387.19	395.50	400.74	-	8.92	8.84	9.53	9.61	-
3542	Machine tools, metal forming types	359.31	351.75	383.57	385.32	-	8.85	8.75	9.76	9.88	-
3544	Special dies, tools, jigs, and fixtures	400.68	403.62	410.73	427.25	-	9.19	9.30	9.71	9.89	-
3545	Machine tool accessories	328.02	325.07	340.05	344.32	-	7.81	7.89	8.48	8.46	-
3546	Power driven hand tools	279.18	266.66	298.05	320.44	-	6.60	6.82	7.47	7.74	-
355	Special industry machinery	337.45	327.89	350.17	368.41	-	7.94	7.92	8.52	8.73	-
3551	Food products machinery	354.90	343.10	356.98	378.98	-	8.45	8.43	8.88	9.11	-
3552	Textile machinery	268.60	258.56	275.89	274.62	-	6.38	6.40	6.88	6.90	-
3555	Printing trades machinery	361.35	353.81	369.75	408.41	-	8.25	8.19	8.70	9.24	-
356	General industrial machinery	355.75	346.01	368.42	377.15	-	8.43	8.46	9.03	9.11	-
3561	Pumps and pumping equipment	351.92	348.75	372.65	387.50	-	8.48	8.59	9.27	9.36	-
3562	Ball and roller bearings	364.63	354.48	369.09	374.31	-	8.46	8.40	8.83	8.87	-
3563	Air and gas compressors	378.45	372.73	399.07	423.15	-	8.72	8.77	9.57	9.75	-
3564	Blowers and fans	326.90	309.94	336.15	338.23	-	7.62	7.71	8.30	8.29	-
3566	Speed changers, drives, and gears	391.07	381.89	395.20	403.27	-	9.18	9.18	9.71	9.86	-
3568	Power transmission equipment, nec	342.38	332.00	348.02	355.47	-	8.27	8.30	8.53	8.67	-
357	Office and computing machines	301.86	292.94	321.51	330.72	-	7.17	7.18	7.71	7.80	-
3573	Electronic computing equipment	300.90	289.27	324.10	334.19	-	7.08	7.09	7.68	7.79	-
358	Refrigeration and service machinery	322.46	310.78	339.85	350.26	-	7.77	7.75	8.35	8.44	-
3585	Refrigeration and heating equipment	332.35	318.38	337.85	349.97	-	7.97	7.92	8.51	8.62	-
359	Misc. machinery, except electrical	346.11	338.60	354.31	355.72	-	8.30	8.34	8.77	8.74	-
3592	Carburetors, pistons, rings, valves	447.55	424.97	417.20	417.20	-	10.36	10.34	10.43	10.43	-
3599	Machinery, except electrical, nec	328.72	324.00	348.25	345.95	-	7.94	8.00	8.50	8.50	-
36	**ELECTRIC AND ELECTRONIC EQUIPMENT**	302.58	297.14	312.83	319.97	$299.30	7.38	7.41	7.86	7.92	$7.96
361	Electric distributing equipment	303.86	291.00	306.52	314.34	-	7.34	7.33	7.76	7.80	-
3612	Transformers	297.32	288.15	299.41	315.59	-	7.13	7.15	7.58	7.66	-
3613	Switchgear and switchboard apparatus	307.84	292.43	312.05	313.63	-	7.49	7.46	7.90	7.92	-
362	Electrical industrial apparatus	314.08	309.89	323.21	332.10	-	7.55	7.54	8.06	8.10	-
3621	Motors and generators	320.04	318.72	320.39	329.96	-	7.62	7.68	7.95	7.97	-
3622	Industrial controls	304.55	291.28	322.79	333.34	-	7.41	7.21	8.09	8.15	-
363	Household appliances	292.07	292.08	272.16	290.69	-	7.32	7.47	7.56	7.57	-
3632	Household refrigerators and freezers	345.68	343.07	297.37	357.35	-	8.37	8.45	8.93	9.21	-
3633	Household laundry equipment	338.69	345.93	312.56	351.33	-	8.69	8.87	9.22	9.27	-
3634	Electric housewares and fans	228.34	231.27	236.74	232.88	-	5.87	6.07	6.23	6.21	-
364	Electric lighting and wiring equipment	274.32	273.71	290.21	289.20	-	6.79	6.86	7.31	7.34	-
3641	Electric lamps	300.85	308.83	338.25	322.97	-	7.54	7.74	8.25	8.26	-
3643	Current-carrying wiring devices	257.81	260.18	278.20	280.80	-	6.35	6.44	6.99	7.02	-
3644	Noncurrent-carrying wiring devices	294.27	290.34	296.65	300.80	-	7.04	7.03	7.51	7.52	-
3645	Residential lighting fixtures	207.34	207.69	216.55	217.13	-	5.33	5.48	5.79	5.79	-
365	Radio and TV receiving equipment	285.48	267.96	299.34	303.20	-	6.98	6.96	7.54	7.58	-
3651	Radio and TV receiving sets	290.24	277.59	307.31	310.84	-	7.22	7.21	7.78	7.81	-
366	Communication equipment	348.19	341.47	371.90	381.80	-	8.39	8.39	9.16	9.20	-
3661	Telephone and telegraph apparatus	366.74	358.63	393.01	397.05	-	8.88	8.79	9.68	9.68	-
3662	Radio and TV communication equipment	335.71	330.08	360.60	371.96	-	8.07	8.11	8.86	8.92	-
367	Electronic components and accessories	258.45	256.16	272.28	280.95	-	6.35	6.42	6.79	6.92	-
3671-3	Electronic tubes	337.50	334.36	344.21	358.48	-	7.96	7.98	8.52	8.68	-
3674	Semiconductors and related devices	298.69	292.90	311.08	325.19	-	7.18	7.25	7.70	7.99	-
3679	Electronic components, nec	238.17	236.81	257.99	263.40	-	5.91	5.98	6.37	6.44	-
369	Misc. electrical equipment and supplies	368.68	351.14	359.96	353.12	-	8.70	8.67	8.91	8.85	-
3691	Storage batteries	359.54	350.02	370.39	356.87	-	8.52	8.60	8.99	8.79	-
3694	Engine electrical equipment	411.40	389.61	380.83	373.00	-	9.68	9.62	9.74	9.79	-
37	**TRANSPORTATION EQUIPMENT**	434.88	407.36	436.93	441.74	393.58	10.09	9.96	10.66	10.67	10.58
371	Motor vehicles and equipment	474.12	430.77	450.96	455.22	-	10.80	10.61	11.19	11.13	-
3711	Motor vehicles and car bodies	534.61	469.64	515.57	511.87	-	11.96	11.80	12.73	12.67	-
3713	Truck and bus bodies	355.01	345.14	370.46	375.74	-	8.68	8.65	9.08	9.12	-
3714	Motor vehicle parts and accessories	452.91	422.42	421.94	432.60	-	10.27	10.13	10.47	10.50	-
3715	Truck trailers	272.50	258.48	302.24	316.61	-	7.19	7.18	7.73	7.76	-
372	Aircraft and parts	429.84	413.40	450.19	463.01	-	9.95	9.89	10.77	10.92	-
3721	Aircraft	445.22	429.73	469.83	478.26	-	10.33	10.33	11.24	11.36	-
3724	Aircraft engines and engine parts	434.52	412.17	437.38	456.35	-	10.20	9.98	10.72	10.97	-
3728	Aircraft equipment, nec	394.71	379.14	421.15	436.69	-	8.93	8.90	9.84	9.97	-
373	Ship and boat building and repairing	354.38	350.92	385.40	388.44	-	8.56	8.58	9.40	9.36	-
3731	Shipbuilding and repairing	369.22	368.26	406.64	407.38	-	8.94	8.96	9.87	9.84	-
3732	Boat building and repairing	295.18	285.73	315.15	323.18	-	7.13	7.09	7.82	7.75	-
374	Railroad equipment	419.69	398.24	435.37	437.86	-	10.44	10.48	11.05	11.17	-

See footnotes at end of table.

C 2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P	Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P
	MACHINERY, EXCEPT ELECTRICAL—Continued										
3531	Construction machinery	39.8	39.6	39.9	39.9	-	1.7	1.8	1.8	2.1	-
3532	Mining machinery	42.3	41.5	39.6	40.9	-	3.4	2.5	2.1	2.3	-
3533	Oil field machinery	47.3	45.7	45.6	45.7	-	6.4	6.2	6.2	6.5	-
3535	Conveyors and conveying equipment	40.9	39.0	39.7	41.5	-	3.8	2.8	3.0	3.6	-
3537	Industrial trucks and tractors	40.2	39.0	38.9	40.7	-	2.1	2.3	2.3	2.8	-
354	Metalworking machinery	43.2	42.4	41.3	41.9	-	5.0	4.7	3.8	4.0	-
3541	Machine tools, metal cutting types	45.0	43.8	41.5	41.7	-	6.5	5.3	4.0	4.0	-
3542	Machine tools, metal forming types	40.6	40.2	39.3	39.0	-	3.5	3.3	3.1	3.0	-
3544	Special dies, tools, jigs, and fixtures	43.6	43.4	42.3	43.2	-	5.4	5.6	4.6	4.9	-
3545	Machine tool accessories	42.0	41.2	40.1	40.7	-	4.0	3.6	3.0	3.0	-
3546	Power driven hand tools	42.3	39.1	39.9	41.4	-	2.8	2.2	2.1	2.2	-
355	Special industry machinery	42.5	41.4	41.1	42.2	-	3.7	3.1	2.7	3.5	-
3551	Food products machinery	42.0	40.7	40.2	41.6	-	3.1	2.4	2.2	3.3	-
3552	Textile machinery	42.1	40.4	40.1	39.8	-	2.6	2.1	2.0	1.9	-
3555	Printing trades machinery	43.8	43.2	42.5	44.2	-	4.7	4.7	3.4	5.1	-
356	General industrial machinery	42.2	40.9	40.8	41.4	-	3.9	3.2	2.8	3.1	-
3561	Pumps and pumping equipment	41.5	40.6	40.2	41.4	-	3.2	2.6	2.8	3.5	-
3562	Ball and roller bearings	43.1	42.2	41.8	42.2	-	5.0	4.4	3.1	3.1	-
3563	Air and gas compressors	43.4	42.5	41.7	43.4	-	4.4	4.3	3.3	4.3	-
3564	Blowers and fans	42.9	40.2	40.5	40.8	-	4.2	3.3	3.2	2.6	-
3566	Speed changers, drives, and gears	42.6	41.6	40.7	40.9	-	3.6	3.0	2.7	2.9	-
3568	Power transmission equipment, nec	41.4	40.0	40.8	41.0	-	3.6	3.0	2.1	2.4	-
357	Office and computing machines	42.1	40.8	41.7	42.4	-	2.9	2.4	3.1	3.4	-
3573	Electronic computing equipment	42.5	40.8	42.2	42.9	-	3.2	2.5	3.4	3.8	-
358	Refrigeration and service machinery	41.5	40.1	40.7	41.5	-	3.0	2.5	2.1	1.9	-
3585	Refrigeration and heating equipment	41.7	40.2	39.7	40.6	-	3.0	2.4	1.7	1.8	-
359	Misc. machinery, except electrical	41.7	40.6	40.4	40.7	-	4.1	3.7	3.2	3.3	-
3592	Carburetors, pistons, rings, valves	43.2	41.1	40.0	40.0	-	4.8	3.4	1.7	1.7	-
3599	Machinery, except electrical, nec	41.4	40.5	40.5	40.7	-	4.0	3.7	3.4	3.6	-
36	ELECTRIC AND ELECTRONIC EQUIPMENT	41.0	40.1	39.8	40.4	37.6	2.8	2.3	2.1	2.3	-
361	Electric distributing equipment	41.4	39.7	39.5	40.3	-	3.0	2.2	2.2	2.7	-
3612	Transformers	41.7	40.3	39.5	41.2	-	2.8	2.3	2.2	3.3	-
3613	Switchgear and switchboard apparatus	41.1	39.2	39.5	39.6	-	3.1	2.1	2.2	2.2	-
362	Electrical industrial apparatus	41.6	41.1	40.1	41.0	-	3.3	2.6	2.2	2.5	-
3621	Motors and generators	42.0	41.5	40.3	41.4	-	3.7	2.8	2.2	2.5	-
3622	Industrial controls	41.1	40.4	39.9	40.9	-	2.5	1.8	2.1	2.7	-
363	Household appliances	39.9	39.1	36.3	38.4	-	2.3	1.7	1.3	1.3	-
3632	Household refrigerators and freezers	41.3	40.6	33.3	38.8	-	2.6	1.2	.5	.5	-
3633	Household laundry equipment	39.2	39.0	33.9	37.9	-	.9	.9	.3	.5	-
3634	Electric housewares and fans	38.9	38.1	38.0	37.5	-	1.4	1.2	1.6	1.5	-
364	Electric lighting and wiring equipment	40.4	39.9	39.7	39.4	-	2.8	2.4	2.1	2.0	-
3641	Electric lamps	39.9	39.9	41.0	39.1	-	2.0	1.9	2.0	2.2	-
3643	Current carrying wiring devices	40.6	40.4	39.8	40.0	-	3.4	2.7	2.3	2.2	-
3644	Noncurrent carrying wiring devices	41.8	41.3	39.5	40.0	-	2.9	2.8	2.6	1.8	-
3645	Residential lighting fixtures	38.5	37.9	37.4	37.5	-	1.6	1.2	1.4	1.4	-
365	Radio and TV receiving equipment	40.9	38.5	39.7	40.0	-	2.7	1.2	1.3	1.4	-
3651	Radio and TV receiving sets	40.2	38.5	39.5	39.8	-	2.4	1.5	1.6	1.7	-
366	Communication equipment	41.5	40.7	40.6	41.5	-	2.8	2.3	2.6	2.7	-
3661	Telephone and telegraph apparatus	41.3	40.8	40.6	41.1	-	2.7	2.3	2.8	2.8	-
3662	Radio and TV communication equipment	41.6	40.7	40.7	41.7	-	2.9	2.3	2.5	2.6	-
367	Electronic components and accessories	40.7	39.9	40.1	40.6	-	2.7	2.4	2.3	2.5	-
3671-3	Electronic tubes	42.4	41.9	40.4	41.3	-	2.7	2.4	2.0	2.2	-
3674	Semiconductors and related devices	41.6	40.4	40.4	40.7	-	3.2	2.7	2.3	2.6	-
3679	Electronic components, nec	40.3	39.6	40.5	40.9	-	2.7	2.4	2.5	2.7	-
369	Misc. electrical equipment and supplies	42.4	40.5	40.4	39.9	-	3.4	2.8	2.0	2.0	-
3691	Storage batteries	42.2	40.7	41.2	42.6	-	3.8	3.1	2.4	1.9	-
3694	Engine electrical equipment	42.5	40.5	39.1	38.1	-	3.3	2.8	1.4	1.5	-
37	TRANSPORTATION EQUIPMENT	43.1	40.9	40.8	41.4	37.2	4.4	3.2	2.8	2.8	-
371	Motor vehicles and equipment	43.9	40.6	40.3	40.9	-	4.4	2.8	2.1	1.8	-
3711	Motor vehicles and car bodies	44.7	39.8	40.5	40.6	-	4.9	2.4	2.1	1.5	-
3713	Truck and bus bodies	40.9	39.9	40.8	41.2	-	3.8	3.1	2.7	1.8	-
3714	Motor vehicle parts and accessories	44.1	41.7	40.3	41.2	-	4.2	3.3	2.1	2.0	-
3715	Truck trailers	37.9	36.0	39.1	40.8	-	1.8	.8	1.5	2.4	-
372	Aircraft and parts	43.2	41.8	41.8	42.4	-	4.9	3.7	3.5	4.2	-
3721	Aircraft	43.1	41.6	41.8	42.1	-	4.2	3.2	3.0	3.4	-
3724	Aircraft engines and engine parts	42.6	41.3	40.8	41.6	-	5.7	4.0	3.7	4.4	-
3728	Aircraft equipment, nec	44.2	42.6	42.8	43.8	-	5.7	4.5	4.4	5.5	-
373	Ship and boat building and repairing	41.4	40.9	41.0	41.5	-	3.9	3.9	3.4	3.1	-
3731	Ship building and repairing	41.3	41.1	41.2	41.4	-	4.0	4.1	3.3	3.0	-
3732	Boat building and repairing	41.4	40.3	40.3	41.7	-	3.7	3.2	3.4	3.5	-
374	Railroad equipment	40.2	38.0	39.4	39.2	-	2.9	1.1	2.3	2.0	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P	Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P
	TRANSPORTATION EQUIPMENT—Continued										
376	Guided missiles, space vehicles, parts	$416.50	$400.41	$436.13	$448.16	-	$9.60	$9.79	$10.56	$10.62	-
3761	Guided missiles and space vehicles	428.00	404.78	447.84	463.01	-	10.00	9.97	10.87	10.92	-
379	Miscellaneous transportation equipment	291.62	283.29	326.78	358.25	-	7.13	7.10	8.19	8.39	-
3792	Travel trailers and campers	234.00	236.36	263.90	271.58	-	6.00	6.22	7.23	7.34	-
38	INSTRUMENTS AND RELATED PRODUCTS	293.76	291.91	314.36	312.66	$294.50	7.13	7.19	7.70	7.72	$7.75
381	Engineering and scientific instruments	318.86	305.25	331.68	340.67	-	7.45	7.50	8.07	8.15	-
382	Measuring and controlling devices	292.32	288.05	311.60	307.13	-	7.01	7.06	7.60	7.64	-
3822	Environmental controls	266.39	260.25	277.07	283.02	-	6.45	6.49	7.05	7.22	-
3823	Process control instruments	310.26	302.32	336.61	346.53	-	7.02	7.08	7.81	7.84	-
3825	Instruments to measure electricity	305.70	300.92	320.74	302.61	-	7.42	7.43	7.90	7.86	-
383	Optical instruments and lenses	327.60	320.28	334.95	346.06	-	7.80	7.85	8.25	8.22	-
384	Medical instruments and supplies	243.20	245.59	270.12	269.87	-	6.08	6.15	6.77	6.73	-
3841	Surgical and medical instruments	233.23	241.38	273.10	272.83	-	5.86	5.96	6.76	6.72	-
3842	Surgical appliances and supplies	251.83	249.64	268.49	269.00	-	6.28	6.32	6.78	6.81	-
385	Ophthalmic goods	218.35	217.95	230.66	229.32	-	5.50	5.49	5.81	5.85	-
386	Photographic equipment and supplies	400.26	402.50	418.05	414.34	-	9.53	9.57	9.93	9.96	-
387	Watches, clocks, and watchcases	221.65	217.32	231.08	226.14	-	5.64	5.63	5.88	5.92	-
39	MISCELLANEOUS MANUFACTURING INDUSTRIES	226.34	224.65	241.74	242.81	231.41	5.73	5.82	6.12	6.21	6.14
391	Jewelry, silverware, and plated ware	235.17	229.02	268.37	263.19	-	6.03	6.14	6.61	6.68	-
3911	Jewelry, precious metal	233.96	226.81	271.62	266.17	-	6.03	6.18	6.74	6.79	-
393	Musical instruments	222.64	212.77	237.12	236.46	-	5.58	5.57	6.08	6.11	-
394	Toys and sporting goods	204.86	208.44	224.58	222.72	-	5.28	5.40	5.70	5.77	-
3942, 4	Dolls, games, toys, and children's vehicles	185.01	196.18	206.90	199.34	-	4.96	5.19	5.36	5.33	-
3949	Sporting and athletic goods, nec	220.80	218.34	243.82	243.36	-	5.52	5.57	6.05	6.13	-
395	Pens, pencils, office and art supplies	239.20	236.01	257.67	265.43	-	5.82	5.93	6.30	6.35	-
396	Costume jewelry and notions	193.45	193.92	209.48	207.13	-	4.91	5.05	5.25	5.38	-
3961	Costume jewelry	177.56	178.40	193.03	179.22	-	4.60	4.77	4.85	4.91	-
399	Miscellaneous manufactures	249.32	246.48	253.99	259.74	-	6.28	6.32	6.58	6.66	-
3993	Signs and advertising displays	267.47	260.74	275.02	278.85	-	6.67	6.72	7.07	7.15	-
	NONDURABLE GOODS										
20	FOOD AND KINDRED PRODUCTS	287.34	288.40	304.44	310.71	303.02	7.13	7.21	7.63	7.71	7.63
201	Meat products	286.63	295.40	306.00	308.80	-	7.22	7.33	7.65	7.72	-
2011	Meat packing plants	361.50	381.47	391.49	388.92	-	8.69	8.81	9.19	9.26	-
2013	Sausages and other prepared meats	337.28	335.41	350.76	362.48	-	8.39	8.47	8.68	8.95	-
2016	Poultry dressing plants	173.53	172.42	186.00	190.01	-	4.69	4.66	5.00	5.04	-
202	Dairy products	292.63	293.13	322.92	320.90	-	7.12	7.22	7.80	7.77	-
2022	Cheese, natural and processed	271.44	267.50	299.36	289.48	-	6.62	6.93	7.41	7.31	-
2026	Fluid milk	308.48	308.86	337.30	336.07	-	7.38	7.46	8.05	8.04	-
203	Preserved fruits and vegetables	241.70	249.60	250.48	268.77	-	6.15	6.26	6.54	6.77	-
2032	Canned specialties	277.14	287.12	336.80	355.42	-	6.86	7.16	7.62	7.66	-
2033	Canned fruits and vegetables	244.84	250.83	235.21	265.49	-	6.23	6.35	6.34	6.79	-
2037	Frozen fruits and vegetables	222.52	246.79	238.64	242.59	-	5.81	5.89	6.33	6.31	-
204	Grain mill products	350.76	338.67	361.24	370.65	-	7.99	7.95	8.46	8.56	-
2041	Flour and other grain mill products	378.54	356.80	377.76	383.04	-	8.02	8.00	8.47	8.55	-
2048	Prepared feeds, nec	282.51	282.94	297.30	302.76	-	6.55	6.58	6.93	6.96	-
205	Bakery products	294.84	288.80	309.75	310.18	-	7.56	7.58	8.13	8.12	-
2051	Bread, cake, and related products	288.04	281.20	312.36	313.56	-	7.60	7.60	8.22	8.23	-
2052	Cookies and crackers	313.65	311.33	302.23	301.08	-	7.45	7.52	7.85	7.80	-
206	Sugar and confectionery products	273.91	276.06	292.23	296.42	-	6.73	6.85	7.18	7.16	-
2061,3	Cane and beet sugar	335.09	336.49	351.85	352.63	-	7.53	7.70	8.07	7.96	-
2066	Confectionery products	230.06	235.01	249.21	253.92	-	5.96	6.12	6.39	6.38	-
207	Fats and oils	318.54	320.54	344.76	347.65	-	7.40	7.42	7.80	7.83	-
208	Beverages	347.73	333.83	379.49	386.57	-	8.44	8.43	9.37	9.36	-
2082	Malt beverages	480.68	462.99	553.41	557.24	-	11.31	11.32	12.90	12.81	-
2086	Bottled and canned soft drinks	252.73	247.02	268.50	274.22	-	6.35	6.35	6.94	6.96	-
209	Misc. foods and kindred products	243.27	240.03	253.93	257.66	-	6.19	6.35	6.70	6.71	-
21	TOBACCO MANUFACTURES	308.61	328.10	347.65	339.85	325.03	8.10	8.50	8.96	8.92	9.13
211	Cigarettes	383.13	403.75	445.50	408.83	-	9.90	10.17	11.25	10.99	-
22	TEXTILE MILL PRODUCTS	218.41	213.47	225.01	223.47	176.26	5.34	5.35	5.74	5.73	5.76
221	Weaving mills, cotton	229.22	220.70	239.99	238.19	-	5.51	5.49	5.97	5.94	-
222	Weaving mills, synthetics	228.52	230.74	250.71	243.01	-	5.56	5.56	6.10	6.00	-
223	Weaving and finishing mills, wool	223.69	225.35	242.13	240.67	-	5.39	5.43	5.92	5.87	-
224	Narrow fabric mills	197.69	197.07	208.43	210.01	-	4.81	4.89	5.29	5.29	-
225	Knitting mills	191.57	190.51	198.15	195.52	-	4.95	5.04	5.27	5.27	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P	Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P
	TRANSPORTATION EQUIPMENT—Continued										
376	Guided missiles, space vehicles, parts	42.5	40.9	41.3	42.2	-	4.0	3.5	3.2	3.5	-
3761	Guided missiles and space vehicles	42.8	40.6	41.2	42.4	-	3.7	2.9	2.9	3.2	-
379	Miscellaneous transportation equipment	40.9	39.9	39.9	42.7	-	3.2	2.1	2.5	3.1	-
3792	Travel trailers and campers	39.0	38.0	36.5	37.6	-	1.9	1.8	1.0	1.4	-
38	**INSTRUMENTS AND RELATED PRODUCTS**	41.2	40.6	40.8	40.5	38.0	2.7	2.4	2.3	2.2	-
381	Engineering and scientific instruments	42.8	43.7	41.1	41.8	-	3.5	2.9	2.7	3.1	-
382	Measuring and controlling devices	41.7	40.8	41.0	40.2	-	2.5	2.1	2.1	2.0	-
3822	Environmental controls	41.3	40.1	39.3	39.2	-	3.0	2.5	1.4	1.4	-
3823	Process control instruments	44.2	42.7	43.1	44.2	-	3.4	3.2	3.1	3.1	-
3825	Instruments to measure electricity	41.2	40.5	40.6	38.5	-	2.0	1.6	1.9	1.7	-
383	Optical instruments and lenses	42.0	43.8	40.6	42.1	-	3.7	3.3	2.4	2.8	-
384	Medical instruments and supplies	40.0	39.9	39.9	40.1	-	2.5	2.3	2.3	2.3	-
3841	Surgical and medical instruments	39.8	40.5	40.4	40.6	-	2.1	2.4	2.3	2.3	-
3842	Surgical appliances and supplies	40.1	39.5	39.6	39.5	-	3.0	2.4	2.6	2.4	-
385	Ophthalmic goods	39.7	39.7	39.7	39.2	-	1.6	1.5	1.4	1.2	-
386	Photographic equipment and supplies	42.0	42.1	42.1	41.6	-	3.6	3.5	2.7	2.2	-
387	Watches, clocks, and watchcases	39.3	38.6	39.3	38.2	-	1.3	.7	1.6	1.2	-
39	**MISCELLANEOUS MANUFACTURING INDUSTRIES**	39.5	38.6	39.5	39.1	36.5	2.3	1.8	2.3	2.0	-
391	Jewelry, silverware, and plated ware	39.0	37.3	40.6	39.4	-	2.8	1.6	3.3	2.6	-
3911	Jewelry, precious metal	38.8	36.7	40.3	39.2	-	3.4	2.0	3.7	3.2	-
393	Musical instruments	39.9	38.2	39.0	38.7	-	1.5	.8	1.4	1.5	-
394	Toys and sporting goods	38.8	38.6	39.4	38.6	-	1.7	1.4	2.0	1.6	-
3942, 4	Dolls, games, toys, and children's vehicles	37.3	37.8	38.6	37.4	-	1.2	1.1	1.7	1.1	-
3949	Sporting and athletic goods, nec	40.0	39.2	40.3	39.7	-	2.1	1.6	2.3	2.0	-
395	Pens, pencils, office and art supplies	41.1	39.8	40.9	41.8	-	3.0	2.3	2.3	2.5	-
396	Costume jewelry and notions	39.4	38.4	39.9	38.5	-	2.7	2.1	3.2	2.4	-
3961	Costume jewelry	38.6	37.4	39.8	38.5	-	2.8	1.9	4.1	2.1	-
399	Miscellaneous manufactures	39.7	39.0	38.6	39.0	-	2.4	2.2	1.9	2.0	-
3993	Signs and advertising displays	40.1	38.8	38.9	39.0	-	3.2	2.7	2.3	2.5	-
	NONDURABLE GOODS										
20	**FOOD AND KINDRED PRODUCTS**	40.3	40.0	39.9	40.3	38.7	3.8	4.0	3.8	3.7	-
201	Meat products	39.7	40.3	40.0	40.0	-	4.0	4.4	4.2	3.9	-
2011	Meat packing plants	41.6	43.3	42.6	42.0	-	5.1	6.0	5.5	5.2	-
2013	Sausages and other prepared meats	40.2	39.6	39.5	43.5	-	3.5	3.4	3.7	3.7	-
2016	Poultry dressing plants	37.0	37.0	37.2	37.7	-	2.9	2.8	2.8	2.6	-
202	Dairy products	41.1	40.6	41.4	41.3	-	3.7	3.7	3.8	3.8	-
2022	Cheese, natural and processed	39.8	38.6	40.4	39.6	-	3.3	3.0	3.5	3.3	-
2026	Fluid milk	41.8	41.4	41.9	41.8	-	4.0	4.1	4.2	4.0	-
203	Preserved fruits and vegetables	39.3	40.0	38.3	39.7	-	3.2	4.1	2.8	2.9	-
2032	Canned specialties	40.4	40.1	44.2	40.4	-	5.5	6.4	4.9	4.8	-
2033	Canned fruits and vegetables	39.3	39.5	37.1	39.1	-	2.7	3.0	2.6	2.5	-
2037	Frozen fruits and vegetables	38.3	41.9	37.7	38.5	-	3.5	6.2	2.6	2.9	-
204	Grain mill products	43.9	42.6	42.7	43.3	-	5.9	5.7	5.2	5.2	-
2041	Flour and other grain mill products	47.2	44.6	44.6	44.8	-	6.8	5.9	5.2	5.1	-
2048	Prepared feeds, nec	43.1	43.0	42.9	43.5	-	6.0	6.2	5.5	5.8	-
205	Bakery products	39.0	38.1	38.1	38.2	-	3.4	3.0	3.0	3.0	-
2051	Bread, cake, and related products	37.9	37.0	38.0	38.1	-	3.4	2.9	3.4	3.3	-
2052	Cookies and crackers	42.1	41.4	38.5	38.6	-	3.3	3.2	2.1	2.3	-
206	Sugar and confectionery products	40.7	40.3	40.7	41.4	-	3.1	2.9	3.5	3.2	-
2061,3	Cane and beet sugar	44.5	43.7	43.6	44.3	-	4.0	4.3	5.4	4.5	-
2065	Confectionery products	38.6	38.4	39.0	39.8	-	2.7	2.2	2.7	2.6	-
207	Fats and oils	43.1	43.2	44.2	44.4	-	5.5	5.6	6.6	6.3	-
208	Beverages	41.2	39.6	40.5	41.3	-	3.6	3.3	3.9	4.1	-
2082	Malt beverages	42.5	40.9	42.9	43.5	-	5.1	5.0	6.7	6.5	-
2086	Bottled and canned soft drinks	39.8	38.9	38.8	39.4	-	3.2	2.7	3.0	3.3	-
209	Misc. foods and kindred products	39.3	37.8	37.9	38.4	-	3.4	3.4	3.3	2.8	-
21	**TOBACCO MANUFACTURES**	38.1	38.6	38.8	38.1	35.6	2.4	2.6	2.2	1.3	-
211	Cigarettes	38.7	39.7	39.6	37.2	-	2.6	3.3	2.7	1.0	-
22	**TEXTILE MILL PRODUCTS**	40.9	39.9	39.2	39.8	30.6	3.5	3.2	2.8	2.5	-
221	Weaving mills, cotton	41.6	40.2	40.2	40.1	-	3.9	3.5	3.1	3.0	-
222	Weaving mills, synthetics	41.1	41.5	41.1	40.1	-	3.7	4.0	3.6	2.9	-
223	Weaving and finishing mills, wool	41.5	41.5	40.9	41.0	-	3.2	3.3	4.2	3.6	-
224	Narrow fabric mills	41.1	40.3	39.4	39.7	-	2.7	2.4	2.8	2.1	-
225	Knitting mills	38.7	37.8	37.6	37.1	-	2.5	2.3	2.0	1.9	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P	Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P
	TEXTILE MILL PRODUCTS—Continued	$172.42	$176.27	$193.17	$196.47	-	$4.66	$4.79	$5.07	$5.09	-
2251	Women's hosiery, except socks	174.93	175.38	180.31	174.74	-	4.64	4.74	4.94	4.95	-
2252	Hosiery, nec	186.73	184.88	194.91	193.50	-	4.85	4.97	5.17	5.16	-
2253	Knit outerwear mills	174.94	175.81	179.99	171.52	-	4.69	4.83	5.07	5.03	-
2254	Knit underwear mills	228.22	219.14	234.24	228.73	-	5.58	5.52	5.93	5.88	-
2257	Circular knit fabric mills	244.52	231.99	247.23	250.10	-	5.74	5.70	6.15	6.16	-
226	Textile finishing, except wool	251.50	232.76	244.77	245.78	-	5.89	5.79	6.15	6.16	-
2261	Finishing plants, cotton	254.60	245.61	263.57	265.37	-	5.88	5.89	6.46	6.41	-
2262	Finishing plants, synthetics	233.92	220.00	224.41	227.54	-	5.53	5.50	5.89	5.91	-
227	Floor covering mills	204.41	199.90	204.06	203.52	-	5.01	5.01	5.37	5.37	-
228	Yarn and thread mills	207.24	200.80	203.36	203.74	-	5.03	5.02	5.38	5.39	-
2281	Yarn mills, except wool	188.73	190.48	196.61	198.28	-	4.79	4.81	5.12	5.15	-
2282	Throwing and winding mills	256.26	245.92	258.52	257.89	-	5.96	5.94	6.29	6.29	-
229	Miscellaneous textile goods										
23	APPAREL AND OTHER TEXTILE PRODUCTS	172.68	172.15	181.15	178.92	$150.96	4.81	4.89	5.06	5.04	$5.17
231	Men's and boys' suits and coats	205.70	203.40	214.33	212.07	-	5.50	5.65	5.84	5.81	-
232	Men's and boys' furnishings	160.52	161.53	168.80	166.03	-	4.41	4.55	4.65	4.66	-
2321	Men's and boys' shirts and nightwear	156.88	156.73	166.71	164.71	-	4.31	4.44	4.58	4.55	-
2327	Men's and boys' separate trousers	161.73	164.15	175.01	170.75	-	4.48	4.69	4.73	4.73	-
2328	Men's and boys' work clothing	158.30	160.65	166.35	165.24	-	4.29	4.45	4.57	4.59	-
233	Women's and misses' outerwear	159.65	161.84	168.17	167.33	-	4.78	4.86	5.02	4.98	-
2331	Women's and misses' blouses and waists	150.64	152.21	160.35	158.46	-	4.47	4.53	4.73	4.73	-
2335	Women's and misses' dresses	151.35	156.87	166.21	166.08	-	4.93	4.98	5.13	5.11	-
2337	Women's and misses' suits and coats	178.31	177.02	182.82	173.95	-	5.26	5.30	5.54	5.47	-
2339	Women's and misses' outerwear, nec	163.15	164.50	167.95	169.79	-	4.57	4.70	4.84	4.81	-
234	Women's and children's undergarments	152.93	156.47	168.63	163.76	-	4.26	4.42	4.62	4.60	-
2341	Women's and children's underwear	151.50	154.70	166.08	161.17	-	4.22	4.37	4.55	4.54	-
2342	Brassieres and allied garments	158.95	163.09	179.82	175.55	-	4.44	4.62	4.94	4.89	-
235	Children's outerwear	158.63	162.09	169.82	169.05	-	4.37	4.49	4.64	4.67	-
2361	Children's dresses and blouses	155.23	157.00	165.24	164.37	-	4.30	4.41	4.59	4.63	-
238	Misc. apparel and accessories	173.26	172.79	189.62	185.10	-	4.67	4.76	4.99	5.03	-
239	Misc. fabricated textile products	225.50	212.62	226.00	223.10	-	5.68	5.61	5.87	5.81	-
2391	Curtains and draperies	151.48	151.16	160.92	165.60	-	4.15	4.27	4.47	4.50	-
2392	House furnishing, nec	187.46	179.73	199.25	196.06	-	4.71	4.78	5.07	5.04	-
2396	Automotive and apparel trimmings	394.83	356.17	393.57	392.16	-	9.29	8.86	10.04	10.32	-
26	PAPER AND ALLIED PRODUCTS	361.40	353.13	376.05	382.59	370.55	8.27	8.27	8.89	8.96	9.06
261, 2	Paper and pulp mills	435.33	426.76	462.17	463.09	-	9.61	9.59	10.48	10.43	-
262	Paper mills, except building paper	438.76	429.30	466.82	470.67	-	9.58	9.54	10.42	10.39	-
263	Paperboard mills	448.02	436.10	462.61	476.67	-	9.89	9.80	10.49	10.64	-
264	Misc. converted paper products	306.29	300.03	323.05	332.73	-	7.31	7.30	7.86	7.96	-
2641	Paper coating and glazing	354.09	344.80	385.37	396.93	-	8.14	8.19	8.90	8.96	-
2642	Envelopes	272.00	269.47	295.71	304.70	-	6.57	6.67	7.23	7.36	-
2643	Bags, except textile bags	292.50	282.91	306.27	314.39	-	6.85	6.85	7.38	7.45	-
265	Paperboard containers and boxes	316.82	309.33	316.52	323.79	-	7.30	7.33	7.72	7.84	-
2651	Folding paperboard boxes	335.53	314.07	324.90	346.90	-	7.54	7.46	7.81	8.03	-
2653	Corrugated and solid fiber boxes	330.81	328.42	332.51	333.33	-	7.57	7.62	8.11	8.19	-
2654	Sanitary food containers	306.16	291.02	303.26	311.01	-	6.88	6.88	7.29	7.37	-
27	PRINTING AND PUBLISHING	300.23	293.83	314.81	321.86	309.02	7.88	7.92	8.44	8.47	8.56
271	Newspapers	278.42	265.35	287.91	295.80	-	8.07	8.09	8.62	8.70	-
272	Periodicals	292.22	282.33	300.95	309.32	-	7.59	7.61	8.09	8.14	-
273	Books	283.38	273.51	298.36	304.59	-	7.12	7.16	7.79	7.83	-
2731	Book publishing	275.32	262.71	284.64	288.42	-	6.97	6.95	7.55	7.59	-
2732	Book printing	291.93	286.38	313.15	323.59	-	7.26	7.40	8.05	8.11	-
274	Miscellaneous publishing	245.80	232.90	273.92	308.45	-	6.79	6.81	7.63	7.75	-
275	Commercial printing	319.80	317.68	335.72	338.82	-	8.20	8.23	8.72	8.71	-
2751	Commercial printing, letterpress	298.36	294.69	313.62	314.59	-	7.67	7.74	8.21	8.15	-
2752	Commercial printing, lithographic	330.00	330.33	346.24	351.51	-	8.44	8.47	8.97	8.99	-
276	Manifold business forms	327.24	315.52	343.13	371.94	-	7.81	7.81	8.41	8.67	-
278	Blankbooks and bookbinding	248.68	245.96	249.48	257.28	-	6.11	6.16	6.43	6.53	-
279	Printing trade services	384.54	373.98	398.59	407.40	-	9.86	9.92	10.38	10.50	-
28	CHEMICALS AND ALLIED PRODUCTS	365.65	363.58	392.81	397.74	390.67	8.69	8.74	9.42	9.47	9.67
281	Industrial inorganic chemicals	402.90	402.66	438.84	442.21	-	9.57	9.61	10.60	10.63	-
2819	Industrial inorganic chemicals, nec	403.79	399.92	438.54	443.69	-	9.66	9.66	10.67	10.64	-
282	Plastics materials and synthetics	362.90	360.64	387.24	394.24	-	8.62	8.69	9.22	9.32	-
2821	Plastics materials and resins	403.30	409.40	431.00	428.13	-	9.25	9.39	10.07	10.05	-
2824	Organic fibers, noncellulosic	337.83	328.42	361.57	376.16	-	8.38	8.19	8.65	8.83	-
283	Drugs	334.46	330.37	361.94	364.53	-	8.04	7.98	8.67	8.70	-
2834	Pharmaceutical preparations	316.11	311.48	341.94	343.99	-	7.71	7.71	8.34	8.39	-

See footnotes at end of table

C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P	Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P
	TEXTILE MILL PRODUCTS—Continued										
2251	Women's hosiery, except socks	37.0	36.8	38.1	38.6	-	2.0	1.8	2.4	3.0	-
2252	Hosiery, nec	37.7	37.0	36.5	35.3	-	1.7	1.8	1.6	1.1	-
2253	Knit outerwear mills	38.5	37.2	37.7	37.5	-	2.4	2.3	2.0	1.9	-
2254	Knit underwear mills	37.3	36.4	35.5	34.1	-	1.7	1.4	1.2	.9	-
2257	Circular knit fabric mills	40.9	39.7	39.5	38.9	-	4.0	3.0	2.8	2.2	-
226	Textile finishing, except wool	42.6	40.7	40.2	40.6	-	4.4	3.7	3.5	3.5	-
2261	Finishing plants, cotton	42.7	40.2	39.8	39.9	-	4.8	3.5	3.0	3.0	-
2262	Finishing plants, synthetics	43.3	41.7	40.8	41.4	-	4.9	4.2	4.3	3.6	-
227	Floor covering mills	42.3	40.0	38.1	38.5	-	4.4	3.5	1.9	2.2	-
228	Yarn and thread mills	40.8	39.9	38.0	37.9	-	3.5	3.2	2.2	2.1	-
2281	Yarn mills, except wool	41.2	40.0	37.8	37.8	-	3.6	3.5	2.1	2.1	-
2282	Throwing and winding mills	39.4	39.6	38.4	38.5	-	3.5	3.1	2.7	2.5	-
229	Miscellaneous textile goods	43.0	41.4	41.1	41.0	-	4.2	3.6	3.3	3.0	-
23	APPAREL AND OTHER TEXTILE PRODUCTS	35.9	35.2	35.8	35.5	29.2	1.2	.9	1.2	1.0	-
231	Men's and boys' suits and coats	37.4	36.0	36.7	36.5	-	.8	.7	.9	.9	-
232	Men's and boys' furnishings	36.4	35.5	36.3	35.8	-	1.0	.9	1.0	.9	-
2321	Men's and boys' shirts and nightwear	36.4	35.3	36.4	36.2	-	1.0	.9	1.0	1.0	-
2327	Men's and boys' separate trousers	36.1	35.0	37.0	36.1	-	.9	.8	1.0	.9	-
2328	Men's and boys' work clothing	36.9	36.1	36.4	36.0	-	1.1	.9	1.0	.9	-
233	Women's and misses' outerwear	33.4	33.3	33.5	33.6	-	1.0	.9	.9	.9	-
2331	Women's and misses' blouses and waists	33.7	33.6	33.9	33.5	-	.6	.8	.8	.7	-
2335	Women's and misses' dresses	30.7	31.5	32.4	32.5	-	.7	.8	.9	.8	-
2337	Women's and misses' suits and coats	33.9	33.4	33.0	31.8	-	1.0	.8	1.0	.8	-
2339	Women's and misses' outerwear, nec	35.7	35.0	34.7	35.3	-	1.4	1.1	1.0	1.2	-
234	Women's and children's undergarments	35.9	35.4	36.5	35.6	-	1.1	.9	1.5	1.1	-
2341	Women's and children's underwear	35.9	35.4	36.5	35.5	-	1.1	.9	1.6	1.1	-
2342	Brassieres and allied garments	35.8	35.3	36.4	35.9	-	1.1	.9	1.2	.9	-
236	Children's outerwear	36.3	36.1	36.6	36.2	-	1.1	1.0	1.4	.9	-
2361	Children's dresses and blouses	36.1	35.6	36.0	35.5	-	.9	.8	1.3	.7	-
238	Misc. apparel and accessories	37.1	36.3	38.0	36.8	-	1.1	.7	1.7	1.2	-
239	Misc. fabricated textile products	39.7	37.9	38.5	38.4	-	2.4	1.4	1.8	1.6	-
2391	Curtains and draperies	36.5	35.4	36.0	36.8	-	1.1	.4	.9	1.1	-
2392	House furnishings, nec	39.8	37.6	39.3	38.9	-	2.7	1.6	2.8	2.2	-
2396	Automotive and apparel trimmings	42.5	40.2	39.2	38.0	-	3.3	1.0	.8	.7	-
26	PAPER AND ALLIED PRODUCTS	43.7	42.7	42.3	42.7	40.9	4.9	4.7	4.2	4.2	-
261 2 6	Paper and pulp mills	45.3	44.5	44.1	44.4	-	6.6	6.5	6.0	5.6	-
262	Paper mills, except building paper	45.8	45.0	44.8	45.3	-	6.9	6.7	6.2	5.9	-
263	Paperboard mills	45.3	44.5	44.1	44.8	-	8.0	7.3	6.6	7.5	-
264	Misc. converted paper products	41.9	41.1	41.1	41.8	-	3.2	3.0	2.9	3.0	-
2641	Paper coating and glazing	43.5	42.1	43.3	44.3	-	3.3	3.2	3.2	3.1	-
2642	Envelopes	41.4	40.4	40.9	41.4	-	2.6	2.6	2.7	3.0	-
2643	Bags, except textile bags	42.7	41.3	41.5	42.2	-	3.8	3.2	3.3	3.4	-
265	Paperboard containers and boxes	43.4	42.2	41.0	41.3	-	4.0	3.7	3.0	3.1	-
2651	Folding paperboard boxes	44.5	42.1	41.6	43.2	-	5.1	4.0	3.3	4.1	-
2653	Corrugated and solid fiber boxes	43.7	43.1	41.0	40.7	-	4.0	4.0	3.2	3.1	-
2654	Sanitary food containers	44.5	42.3	41.6	42.2	-	3.9	3.5	2.4	2.6	-
27	PRINTING AND PUBLISHING	38.1	37.1	37.3	38.0	36.1	2.8	2.3	2.6	2.7	-
271	Newspapers	34.5	32.8	33.4	34.0	-	2.0	1.1	1.6	1.9	-
272	Periodicals	38.5	37.1	37.2	38.0	-	2.4	1.7	2.4	2.3	-
273	Books	39.8	38.2	38.3	38.9	-	2.7	2.2	2.2	2.5	-
2731	Book publishing	39.5	37.8	37.7	38.0	-	1.8	1.3	1.1	1.4	-
2732	Book printing	40.1	38.7	38.9	39.9	-	3.7	3.2	3.6	3.9	-
274	Miscellaneous publishing	36.2	34.2	35.9	39.8	-	2.1	1.6	1.4	3.2	-
275	Commercial printing	39.0	38.6	38.5	38.9	-	3.7	2.8	3.1	2.9	-
2751	Commerical printing, letterpress	38.9	38.1	38.2	38.6	-	2.9	2.3	2.6	2.2	-
2752	Commercial printing, lithographic	39.1	39.0	38.6	39.1	-	3.3	3.1	3.3	3.2	-
276	Manifold business forms	41.9	40.4	40.8	42.9	-	4.0	3.3	3.4	5.0	-
278	Blankbooks and bookbinding	40.7	39.8	38.8	39.4	-	2.6	2.6	1.5	1.7	-
279	Printing trade service	39.0	37.7	38.4	38.8	-	4.0	3.3	3.4	3.7	-
28	CHEMICALS AND ALLIED PRODUCTS	42.1	41.6	41.7	42.0	40.4	3.4	3.4	3.1	2.9	-
281	Industrial inorganic chemicals	42.1	41.9	41.4	41.6	-	3.1	3.2	3.4	3.1	-
2819	Industrial inorganic chemicals, nec	41.8	41.4	41.1	41.7	-	3.2	3.1	3.3	3.2	-
282	Plastics materials and synthetics	42.1	41.5	42.0	42.3	-	3.1	3.2	2.9	2.5	-
2821	Plastics materials and resins	43.6	43.6	42.8	42.6	-	4.3	4.7	3.9	3.0	-
2824	Organic fibers, noncellulosic	41.3	40.1	41.8	42.6	-	2.0	2.0	2.3	2.0	-
283	Drugs	41.6	41.4	41.7	41.9	-	3.4	3.1	2.9	2.8	-
2834	Pharmaceutical preparations	41.0	40.4	41.0	41.0	-	3.5	3.0	2.9	2.7	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P	Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P
	CHEMICALS AND ALLIED PRODUCTS—Cont'd										
284	Soap, cleaners, and toilet goods	$330.86	$322.78	$349.57	$362.71	-	$8.05	$8.11	$8.61	$8.74	-
2841	Soap and other detergents	441.58	432.43	469.11	493.46	-	10.39	10.37	11.09	11.37	-
2844	Toilet preparations	259.61	249.60	262.58	272.45	-	6.41	6.50	6.75	6.88	-
2842, 3	Polishing, sanitation, and finishing preparations	308.77	306.43	356.01	361.67	-	7.70	7.68	8.62	8.53	-
285	Paints and allied products	319.30	316.71	321.90	328.00	-	7.75	7.82	8.17	8.20	-
286	Industrial organic chemicals	431.57	432.23	473.62	475.15	-	9.99	10.17	11.04	11.05	-
2865	Cyclic crudes and intermediates	396.77	390.82	444.51	456.03	-	9.38	9.44	10.41	10.73	-
2861, 9	Gum, wood, and industrial organic chemicals, nec	442.83	445.73	483.75	482.11	-	10.18	10.39	11.25	11.16	-
287	Agricultural chemicals	382.33	377.14	389.79	397.61	-	8.65	8.65	9.15	9.29	-
289	Miscellaneous chemical products	340.13	336.96	366.08	367.42	-	8.08	8.10	8.60	8.79	-
29	PETROLEUM AND COAL PRODUCTS	449.45	471.16	497.51	491.90	$529.00	10.38	11.06	11.57	11.52	$12.05
291	Petroleum refining	478.03	507.70	535.41	525.31	-	11.04	11.89	12.28	12.16	-
295	Paving and roofing materials	356.91	345.23	376.41	369.82	-	8.13	8.01	9.07	9.02	-
30	RUBBER AND MISC. PLASTICS PRODUCTS	289.95	289.96	295.66	300.00	283.85	6.97	7.06	7.41	7.50	7.61
301	Tires and inner tubes	446.40	461.34	463.49	464.79	-	10.43	10.63	11.36	11.42	-
302	Rubber and plastics footwear	191.76	189.70	181.67	192.27	-	4.47	4.56	4.91	4.93	-
303, 4	Reclaimed rubber, and rubber and plastics hose and belting	308.48	301.80	319.59	324.40	-	7.31	7.22	8.05	8.11	-
306	Fabricated rubber products, nec	269.86	262.66	278.70	278.50	-	6.55	6.55	6.95	6.98	-
307	Miscellaneous plastics products	262.06	257.99	265.47	270.80	-	6.33	6.37	6.67	6.77	-
31	LEATHER AND LEATHER PRODUCTS	174.91	177.39	186.66	187.10	181.31	4.74	4.86	5.10	5.14	5.21
311	Leather tanning and finishing	260.65	255.76	259.01	264.34	-	6.42	6.41	6.71	6.84	-
314	Footwear, except rubber	167.26	170.97	178.33	178.33	-	4.57	4.71	4.94	4.94	-
3143	Men's footwear, except athletic	181.44	188.12	187.31	190.55	-	4.60	4.99	5.16	5.15	-
3144	Women's footwear, except athletic	157.08	156.80	169.92	170.37	-	4.80	4.48	4.80	4.84	-
316	Luggage	187.66	182.59	205.33	197.75	-	5.05	5.03	5.49	5.65	-
317	Handbags and personal leather goods	161.01	161.98	180.00	175.31	-	4.66	4.55	4.80	4.79	-
	TRANSPORTATION AND PUBLIC UTILITIES	372.00	367.60	395.75	394.74	389.62	9.30	9.33	10.07	10.07	10.12
	RAILROAD TRANSPORTATION										
4011	Class I railroads[1]	456.12	446.68	457.50	-	-	10.39	10.51	10.79	-	-
41	LOCAL AND INTERURBAN PASSENGER TRANSIT	213.86	216.74	232.19	231.18	-	6.29	6.51	6.89	6.86	-
411	Local and suburban transportation	271.52	278.46	300.75	292.04	-	6.98	7.14	7.50	7.45	-
413	Intercity highway transportation	338.24	383.77	396.01	386.60	-	9.69	10.69	10.82	10.89	-
42	TRUCKING AND WAREHOUSING	386.40	372.27	392.32	403.22	-	9.66	9.57	10.19	10.26	-
421, 3	Trucking and trucking terminals	394.40	380.44	401.17	412.91	-	9.86	9.78	10.42	10.48	-
422	Public warehousing	263.70	263.64	276.32	275.87	-	6.71	6.76	7.14	7.11	-
46	PIPE LINES, EXCEPT NATURAL GAS	449.01	492.05	500.87	505.47	-	10.64	11.39	11.73	11.81	-
48	COMMUNICATION	361.49	358.38	403.20	396.93	-	9.06	9.05	10.08	10.10	-
481	Telephone communication	375.87	371.87	422.34	413.96	-	9.35	9.32	10.48	10.48	-
4817	Switchboard operating employees[1]	248.62	247.54	302.23	269.56	-	7.58	7.57	8.66	8.45	-
4818	Line construction employees[1]	487.08	476.10	525.92	516.67	-	11.07	10.97	11.98	11.96	-
483	Radio and television broadcasting	299.11	298.21	325.46	314.63	-	7.83	7.91	8.52	8.76	-
49	ELECTRIC, GAS, AND SANITARY SERVICES	386.46	393.54	430.77	428.08	-	9.29	9.46	10.38	10.34	-
491	Electric services	401.63	402.53	435.77	432.85	-	9.54	9.63	10.45	10.43	-
492	Gas production and distribution	359.72	368.68	391.96	391.52	-	8.71	8.82	9.56	9.48	-
493	Combination utility services	407.77	424.97	490.73	484.55	-	9.97	10.34	11.74	11.62	-
495	Sanitary services	299.94	309.20	332.47	326.38	-	7.28	7.56	8.05	8.18	-
	WHOLESALE AND RETAIL TRADE	182.65	183.86	192.36	193.20	190.96	5.62	5.80	6.03	6.00	6.16
50, 51	WHOLESALE TRADE	281.25	281.82	301.47	302.25	298.96	7.23	7.32	7.81	7.81	7.93
50	WHOLESALE TRADE-DURABLE GOODS	285.59	284.70	303.81	303.81	-	7.23	7.30	7.81	7.79	-
501	Motor vehicles and automotive equipment	267.24	260.84	271.36	272.08	-	6.80	6.74	7.16	7.16	-
502	Furniture and home furnishings	247.27	251.92	268.91	268.80	-	6.49	6.70	7.19	7.13	-
503	Lumber and construction materials	290.33	289.84	312.03	310.47	-	7.35	7.47	7.96	7.90	-
504	Sporting goods, toys, and hobby goods	291.45	296.40	306.12	318.38	-	7.57	7.80	8.12	8.49	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisjory workers' on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P	Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P
	CHEMICALS AND ALLIED PRODUCTS—Cont'd										
284	Soap, cleaners, and toilet goods	41.1	39.8	40.6	41.5	-	2.9	2.8	2.7	2.8	-
2841	Soap and other detergents	42.5	41.7	42.3	43.4	-	4.0	3.9	3.5	3.9	-
2844	Toilet preparations	40.5	38.4	38.9	39.6	-	2.7	2.3	2.2	2.3	-
2842, 3	Polishing, sanitation, and finishing preparations	40.1	39.9	41.3	42.4	-	2.0	2.3	2.7	2.2	-
285	Paints and allied products	41.2	40.5	39.4	40.0	-	2.5	2.6	1.5	1.4	-
286	Industrial organic chemicals	43.2	42.5	42.9	43.0	-	3.7	4.0	3.7	3.3	-
2865	Cyclic crudes and intermediates	42.3	41.4	42.7	42.5	-	3.8	3.9	3.1	2.6	-
2861, 9	Gum, wood, and industrial organic chemicals, nec	43.5	42.9	43.0	43.2	-	3.7	4.0	3.9	3.6	-
287	Agricultural chemicals	44.2	43.6	42.6	42.8	-	5.8	5.1	3.9	3.9	-
289	Miscellaneous chemical products	42.2	41.6	41.6	41.8	-	3.6	3.7	3.0	3.0	-
29	PETROLEUM AND COAL PRODUCTS	43.3	42.6	43.0	42.7	43.9	3.7	3.4	4.1	2.9	-
291	Petroleum refining	43.3	42.7	43.6	43.2	-	3.4	3.2	4.1	2.8	-
295	Paving and roofing materials	43.9	43.1	41.5	41.0	-	5.9	5.5	5.0	4.0	-
30	RUBBER AND MISC. PLASTICS PRODUCTS	41.6	41.0	39.9	40.0	37.3	3.5	3.4	2.6	2.6	-
301	Tires and inner tubes	42.6	43.4	40.8	40.7	-	3.9	4.6	2.4	2.2	-
302	Rubber and plastics footwear	42.9	41.6	37.0	39.0	-	2.9	2.5	1.5	1.4	-
303, 4	Reclaimed rubber, and rubber and plastics hose and belting	42.2	41.8	39.7	40.0	-	3.2	2.5	1.8	1.5	-
306	Fabricated rubber products, nec	41.2	40.1	40.1	39.9	-	3.3	2.8	2.4	2.3	-
307	Miscellaneous plastics products	41.4	40.5	39.8	40.0	-	3.5	3.2	2.8	2.8	-
31	LEATHER AND LEATHER PRODUCTS	36.9	36.5	36.6	36.4	34.8	1.5	1.6	1.3	1.2	-
311	Leather tanning and finishing	40.6	39.9	38.6	38.5	-	3.3	3.1	2.3	2.5	-
314	Footwear, except rubber	36.6	36.3	36.1	36.1	-	1.3	1.3	.9	1.1	-
3143	Men's footwear, except athletic	37.8	37.7	36.3	37.0	-	1.4	1.6	.9	1.1	-
3144	Women's footwear, except athletic	35.7	35.0	35.4	35.2	-	1.3	1.2	.9	1.1	-
316	Luggage	37.2	36.3	37.4	35.0	-	2.1	1.7	1.5	1.2	-
317	Handbags and personal leather goods	36.1	35.6	37.5	36.6	-	1.7	1.9	1.9	.9	-
	TRANSPORTATION AND PUBLIC UTILITIES	40.0	39.4	39.3	39.2	38.5	-	-	-	-	-
	RAILROAD TRANSPORTATION										
4011	Class I railroads [1]	43.9	42.5	42.4	-	-	-	-	-	-	-
41	LOCAL AND INTERURBAN PASSENGER TRANSIT	34.0	33.6	33.7	33.7	-	-	-	-	-	-
411	Local and suburban transportation	38.9	39.0	40.1	39.2	-	-	-	-	-	-
413	Intercity highway transportation	34.7	35.9	36.6	35.5	-	-	-	-	-	-
42	TRUCKING AND WAREHOUSING	40.0	38.9	38.5	39.3	-	-	-	-	-	-
421, 3	Trucking and trucking terminals	40.0	38.9	38.5	39.4	-	-	-	-	-	-
422	Public warehousing	39.3	39.0	38.7	38.8	-	-	-	-	-	-
46	PIPE LINES, EXCEPT NATURAL GAS	42.2	43.2	42.7	42.8	-	-	-	-	-	-
48	COMMUNICATION	39.9	39.6	40.0	39.3	-	-	-	-	-	-
481	Telephone communication	40.2	39.9	40.3	39.5	-	-	-	-	-	-
4817	Switchboard operating employees [2]	32.8	32.7	34.9	31.9	-	-	-	-	-	-
4818	Line construction employees [3]	44.0	43.4	43.9	43.2	-	-	-	-	-	-
483	Radio and television broadcasting	38.2	37.7	38.2	38.2	-	-	-	-	-	-
49	ELECTRIC, GAS, AND SANITARY SERVICES	41.6	41.6	41.5	41.4	-	-	-	-	-	-
491	Electric services	42.1	41.8	41.7	41.5	-	-	-	-	-	-
492	Gas production and distribution	41.3	41.8	41.0	41.3	-	-	-	-	-	-
493	Combination utility services	40.9	41.1	41.8	41.7	-	-	-	-	-	-
495	Sanitary services	41.2	40.9	41.3	39.9	-	-	-	-	-	-
	WHOLESALE AND RETAIL TRADE	32.5	31.7	31 9	32.2	31.0	-	-	-	-	-
50, 51	WHOLESALE TRADE	38.9	38.5	38.6	38.7	37.7	-	-	-	-	-
50	WHOLESALE TRADE-DURABLE GOODS	39.5	39.0	38.9	39.0	-	-	-	-	-	-
501	Motor vehicles and automotive equipment	39.3	38.7	37.9	38.0	-	-	-	-	-	-
502	Furniture and home furnishings	38.1	37.6	37.4	37.7	-	-	-	-	-	-
503	Lumber and construction materials	39.5	38.8	39.2	39.3	-	-	-	-	-	-
504	Sporting goods, toys, and hobby goods	38.5	38.0	37.7	37.5	-	-	-	-	-	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P	Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P
	WHOLESALE TRADE-DURABLE GOODS—Continued										
505	Metals and minerals, except petroleum	$343.13	$341.70	$352.34	$352.32	-	$8.41	$8.50	$8.89	$8.83	-
506	Electrical goods	299.30	296.77	328.05	331.50	-	7.52	7.59	8.39	8.35	-
507	Hardware, plumbing, and heating equipment	262.58	264.32	278.31	278.97	-	6.75	6.83	7.21	7.19	-
508	Machinery, equipment, and supplies	293.49	298.39	316.78	315.20	-	7.43	7.51	8.04	8.00	-
509	Miscellaneous durable goods	239.73	236.78	298.45	247.27	-	6.10	6.15	6.42	6.49	-
51	**WHOLESALE TRADE-NONDURABLE GOODS**	274.74	277.45	297.96	298.32	-	7.23	7.34	7.80	7.83	-
511	Paper and paper products	301.62	303.60	317.21	318.69	-	8.13	8.25	8.55	8.59	-
512	Drugs, proprietaries, and sundries	281.62	284.58	310.90	308.55	-	7.55	7.65	8.38	8.25	-
513	Apparel, piece goods, and notions	237.23	241.85	253.13	256.50	-	6.36	6.59	6.86	6.97	-
514	Groceries and related products	275.08	277.43	301.85	301.47	-	7.22	7.32	7.82	7.81	-
516	Chemicals and allied products	344.12	347.70	361.38	362.78	-	8.69	8.87	9.29	9.35	-
517	Petroleum and petroleum products	345.32	357.75	366.30	371.07	-	8.59	8.79	9.25	9.30	-
518	Beer, wine, and distilled beverages	327.12	309.52	339.11	345.58	-	8.70	8.48	9.19	9.34	-
519	Miscellaneous nondurable goods	229.06	228.98	244.48	243.46	-	5.95	6.01	6.40	6.39	-
52-59	**RETAIL TRADE**	152.20	152.81	158.54	160.06	$157.22	4.99	5.18	5.32	5.30	$5.44
52	**BUILDING MATERIALS AND GARDEN SUPPLIES**	202.95	202.02	213.89	215.28	-	5.50	5.55	5.86	5.85	-
521	Lumber and other building materials	223.10	221.37	231.42	232.41	-	5.75	5.78	6.09	6.10	-
525	Hardware stores	162.24	162.85	175.08	179.75	-	4.80	4.92	5.18	5.18	-
53	**GENERAL MERCHANDISE STORES**	143.82	142.13	148.90	153.72	-	4.70	5.04	5.17	5.09	-
531	Department stores	148.23	146.92	154.08	158.63	-	4.86	5.21	5.35	5.27	-
533	Variety stores	118.16	117.29	122.93	127.49	-	3.80	4.13	4.21	4.18	-
539	Misc. general merchandise stores	120.74	120.60	125.11	130.59	-	3.92	4.13	4.27	4.24	-
54	**FOOD STORES**	204.25	205.57	212.80	210.22	-	6.61	6.74	7.00	6.87	-
541	Grocery stores	213.66	213.98	222.58	218.58	-	6.87	6.97	7.25	7.12	-
546	Retail bakeries	136.83	133.00	138.51	140.54	-	4.67	4.75	4.86	4.88	-
55	**AUTOMOTIVE DEALERS AND SERVICE STATIONS**	216.00	219.91	229.88	228.51	-	5.76	5.88	6.13	6.11	-
551, 2	New and used car dealers	253.93	259.29	271.49	268.16	-	6.63	6.77	7.07	7.02	-
553	Auto and home supply stores	215.33	220.40	232.13	228.83	-	5.33	5.51	5.76	5.65	-
554	Gasoline service stations	163.79	167.32	171.91	172.90	-	4.64	4.74	4.87	4.94	-
56	**APPAREL AND ACCESSORY STORES**	129.80	127.32	134.43	140.90	-	4.40	4.58	4.75	4.76	-
561	Men's and boys' clothing and furnishings	165.14	165.38	164.47	175.50	-	5.05	5.25	5.34	5.40	-
562	Women's ready-to-wear stores	114.77	113.26	119.61	124.36	-	4.07	4.29	4.43	4.41	-
565	Family clothing stores	122.09	121.58	131.97	135.20	-	4.21	4.47	4.73	4.63	-
566	Shoe stores	140.96	129.72	141.93	151.47	-	4.70	4.60	4.98	5.10	-
57	**FURNITURE AND HOME FURNISHINGS STORES**	203.70	202.12	210.37	214.81	-	5.82	5.91	6.08	6.12	-
571	Furniture and home furnishings stores	203.90	201.14	209.07	214.64	-	5.76	5.83	6.06	6.15	-
572	Household appliance stores	214.88	212.63	220.19	220.89	-	6.07	6.11	6.22	6.17	-
573	Radio, television, and music stores	197.64	197.94	207.09	211.55	-	5.83	5.98	6.02	6.01	-
58	**EATING AND DRINKING PLACES**[7]	98.28	98.67	103.36	104.09	-	3.78	3.90	4.01	4.05	-
59	**MISCELLANEOUS RETAIL**	159.58	157.99	163.80	168.22	-	4.91	5.08	5.20	5.16	-
591	Drug stores and proprietary stores	133.95	133.74	144.83	145.63	-	4.51	4.66	4.96	4.92	-
594	Miscellaneous shopping goods stores	142.46	141.30	147.14	154.72	-	4.48	4.71	4.84	4.79	-
596	Nonstore retailers	204.84	192.47	192.32	199.51	-	5.77	5.85	5.64	5.62	-
598	Fuel and ice dealers	267.58	295.68	278.97	285.05	-	6.74	7.04	7.13	7.18	-
599	Retail stores, nec	166.32	164.96	172.20	180.42	-	4.95	5.06	5.25	5.26	-
-	**FINANCE, INSURANCE, AND REAL ESTATE**[8]	217.80	222.04	235.66	233.57	237.18	6.00	6.10	6.51	6.47	6.57
60	**BANKING**	184.91	190.84	202.38	200.01	-	5.08	5.20	5.56	5.51	-
602	Commercial and stock savings banks	182.14	188.05	199.47	196.75	-	4.99	5.11	5.48	5.42	-
61	**CREDIT AGENCIES OTHER THAN BANKS**	192.72	199.46	211.18	208.99	-	5.28	5.42	5.77	5.71	-
612	Savings and loan associations	181.00	187.46	195.12	191.71	-	5.00	5.15	5.39	5.34	-
614	Personal credit institutions	190.94	200.88	214.23	213.53	-	5.26	5.40	5.79	5.74	-
63	**INSURANCE CARRIERS**	248.50	248.34	273.92	272.29	-	6.52	6.64	7.30	7.30	-
631	Life insurance	253.05	259.13	286.11	286.09	-	6.73	6.91	7.65	7.67	-
632	Medical service and health insurance	235.16	236.36	260.82	260.06	-	6.14	6.22	6.81	6.79	-
633	Fire, marine, and casualty insurance	239.11	242.43	263.10	262.73	-	6.48	6.57	7.13	7.12	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P	Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P
	WHOLESALE TRADE DURABLE GOODS—Continued										
505	Metals and minerals, except petroleum	40.6	40.2	39.6	39.9	-	-	-	-	-	-
506	Electrical goods	39.8	39.1	39.1	39.7	-	-	-	-	-	-
507	Hardware, plumbing, and heating equipment	38.9	38.7	38.6	38.8	-	-	-	-	-	-
508	Machinery, equipment, and supplies	39.5	39.2	39.4	39.4	-	-	-	-	-	-
509	Miscellaneous durable goods	39.3	38.5	38.7	38.1	-	-	-	-	-	-
51	WHOLESALE TRADE NONDURABLE GOODS	38.0	37.8	38.2	38.1	-	-	-	-	-	-
511	Paper and paper products	37.1	36.8	37.1	37.1	-	-	-	-	-	-
512	Drugs, proprietaries, and sundries	37.3	37.2	37.1	37.4	-	-	-	-	-	-
513	Apparel, piece goods, and notions	37.3	36.7	36.9	36.8	-	-	-	-	-	-
514	Groceries and related products	38.1	37.9	38.6	38.6	-	-	-	-	-	-
516	Chemicals and allied products	39.6	39.2	38.9	38.8	-	-	-	-	-	-
517	Petroleum and petroleum products	40.2	40.7	39.6	39.9	-	-	-	-	-	-
518	Beer, wine, and distilled beverages	37.6	36.5	36.9	37.0	-	-	-	-	-	-
519	Miscellaneous nondurable goods	38.5	38.1	38.2	38.1	-	-	-	-	-	-
52-59	RETAIL TRADE	30.5	29.5	29.8	30.2	28.9	-	-	-	-	-
52	BUILDING MATERIALS AND GARDEN SUPPLIES	36.9	36.4	36.5	36.8	-	-	-	-	-	-
521	Lumber and other building materials	38.8	38.3	38.0	38.1	-	-	-	-	-	-
525	Hardware stores	33.8	33.1	33.8	34.7	-	-	-	-	-	-
53	GENERAL MERCHANDISE STORES	30.6	28.2	28.8	30.2	-	-	-	-	-	-
531	Department stores	30.5	28.2	28.8	30.1	-	-	-	-	-	-
533	Variety stores	31.1	28.4	29.2	30.5	-	-	-	-	-	-
539	Misc. general merchandise stores	30.8	29.2	29.3	30.8	-	-	-	-	-	-
54	FOOD STORES	30.9	30.5	30.4	30.6	-	-	-	-	-	-
541	Grocery stores	31.1	30.7	30.7	30.7	-	-	-	-	-	-
546	Retail bakeries	29.3	28.0	28.5	28.8	-	-	-	-	-	-
55	AUTOMOTIVE DEALERS AND SERVICE STATIONS	37.5	37.4	37.5	37.4	-	-	-	-	-	-
551, 2	New and used car dealers	38.3	38.3	38.4	38.2	-	-	-	-	-	-
553	Auto and home supply stores	40.4	40.0	40.3	40.5	-	-	-	-	-	-
554	Gasoline service stations	35.3	35.3	35.3	35.0	-	-	-	-	-	-
56	APPAREL AND ACCESSORY STORES	29.5	27.8	28.3	29.6	-	-	-	-	-	-
561	Men's and boys' clothing and furnishings	32.7	31.5	30.8	32.5	-	-	-	-	-	-
562	Women's ready-to-wear stores	28.2	26.4	27.0	28.2	-	-	-	-	-	-
565	Family clothing stores	29.0	27.2	27.9	29.2	-	-	-	-	-	-
566	Shoe stores	29.8	28.2	28.5	29.7	-	-	-	-	-	-
57	FURNITURE AND HOME FURNISHINGS STORES	35.0	34.2	34.6	35.1	-	-	-	-	-	-
571	Furniture and home furnishings stores	35.4	34.5	34.5	34.9	-	-	-	-	-	-
572	Household appliance stores	35.4	34.8	35.4	35.8	-	-	-	-	-	-
573	Radio, television, and music stores	33.9	33.1	34.4	35.2	-	-	-	-	-	-
58	EATING AND DRINKING PLACES	26.0	25.3	25.9	25.7	-	-	-	-	-	-
59	MISCELLANEOUS RETAIL	32.5	31.1	31.5	32.6	-	-	-	-	-	-
591	Drug stores and proprietary stores	29.7	28.7	29.2	29.6	-	-	-	-	-	-
594	Miscellaneous shopping goods stores	31.8	30.0	30.4	32.3	-	-	-	-	-	-
596	Nonstore retailers	35.5	32.9	34.1	35.5	-	-	-	-	-	-
598	Fuel and ice dealers	39.7	42.0	39.0	39.7	-	-	-	-	-	-
599	Retail stores, nec	33.6	32.6	32.8	34.3	-	-	-	-	-	-
	FINANCE, INSURANCE, AND REAL ESTATE	36.3	36.4	36.2	36.1	36.1	-	-	-	-	-
60	BANKING	36.4	36.7	36.4	36.3	-	-	-	-	-	-
602	Commercial and stock savings banks	36.5	36.8	36.4	36.3	-	-	-	-	-	-
61	CREDIT AGENCIES OTHER THAN BANKS	36.5	36.8	36.6	36.6	-	-	-	-	-	-
612	Savings and loan associations	36.2	36.4	36.2	35.9	-	-	-	-	-	-
614	Personal credit institutions	36.3	37.2	37.0	37.2	-	-	-	-	-	-
63	INSURANCE CARRIERS	37.5	37.4	37.4	37.3	-	-	-	-	-	-
631	Life insurance	37.6	37.5	37.4	37.3	-	-	-	-	-	-
632	Medical service and health insurance	38.3	38.0	38.3	38.3	-	-	-	-	-	-
633	Fire, marine, and casualty insurance	36.9	36.9	36.9	36.9	-	-	-	-	-	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry – Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981p	Jan. 1982p	Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981p	Jan. 1982p
	SERVICES	$199.51	$201.83	$216.78	$216.79	$217.32	$6.12	$6.21	$6.67	$6.65	$6.77
	HOTELS AND OTHER LODGING PLACES										
701	Hotels, motels, and tourist courts	139.83	142.38	151.78	148.39	-	4.74	4.81	4.96	5.03	-
	PERSONAL SERVICES										
721	Laundry, cleaning, and garment services	156.96	157.51	164.98	168.66	-	4.63	4.73	4.91	4.99	-
723	Beauty shops	135.75	132.16	142.80	144.48	-	4.51	4.48	4.76	4.80	-
73	BUSINESS SERVICES	202.99	205.71	219.72	221.44	-	6.17	6.31	6.74	6.69	-
731	Advertising	299.88	301.11	324.83	323.63	-	8.40	8.53	9.15	8.94	-
734	Services to buildings	144.35	145.24	151.35	151.80	-	5.23	5.32	5.63	5.50	-
737	Computer and data processing services	274.91	275.26	307.56	309.31	-	7.41	7.48	8.29	8.19	-
75	AUTO REPAIR, SERVICES, AND GARAGES	235.98	237.25	247.78	250.99	-	6.21	6.26	6.59	6.64	-
753	Automotive repair shops	260.24	262.68	276.51	279.89	-	6.69	6.77	7.09	7.14	-
76	MISCELLANEOUS REPAIR SERVICES	286.44	292.41	302.25	310.06	-	7.27	7.49	7.79	7.81	-
78	MOTION PICTURES	251.45	250.13	255.14	265.77	-	9.14	9.03	9.52	9.88	-
781	Motion picture production and services	512.71	515.20	517.06	544.78	-	12.98	13.01	13.43	14.15	-
79	AMUSEMENT AND RECREATION SERVICES	177.61	177.31	192.04	186.48	-	5.98	5.95	6.38	6.30	-
80	HEALTH SERVICES	195.16	199.70	214.84	214.18	-	5.95	6.07	6.57	6.57	-
801	Offices of physicians	203.36	205.68	214.37	213.44	-	6.20	6.29	6.72	6.67	-
802	Offices of dentists	169.29	176.03	182.54	182.45	-	5.94	6.07	6.45	6.47	-
805	Nursing and personal care facilities	132.25	138.26	144.14	144.46	-	4.28	4.46	4.62	4.63	-
806	Hospitals	216.28	220.32	241.37	240.99	-	6.38	6.48	7.12	7.13	-
81	LEGAL SERVICES	263.50	268.41	290.34	286.28	-	7.66	7.78	8.44	8.25	-
89	MISCELLANEOUS SERVICES	340.74	344.32	374.14	373.25	-	8.92	8.99	9.82	9.72	-
891	Engineering and architectural services	372.09	379.08	411.45	412.78	-	9.59	9.77	10.55	10.53	-
893	Accounting, auditing, and bookkeeping	285.75	287.96	309.30	311.38	-	7.50	7.46	8.27	8.13	-

[1] For coverage of series, see footnote 1, table B-2.
[2] Beginning January 1978, data relate to line haul railroads with operating revenues of $50,000,000 or more.
[3] Data relate to employees in such occupations in the telephone industry as switchboard operators; service assistants; operating room instructors; and pay-station attendants. In 1977, such employees made up 20 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.
[4] Data relate to employees in such occupations in the telphone industry as central office craft persons; installation and exchange repair craft persons; line, cable and conduit craft persons; and laborers. In 1977, such employees made up 37 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.
[5] Money payments only; tips, not included.
[6] Data for nonoffice sales agents excluded from all series in this division.
- Data not available.
p = preliminary.

NOTE: Data from April 1980 forward are subject to revision when more recent benchmark data are introduced. See "Benchmark adjustment" in the Explanatory notes of this publication.

C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry – Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P	Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P
	SERVICES	32.6	32.5	32.5	32.6	32.7	-	-	-	-	-
	HOTELS AND OTHER LODGING PLACES										
701	Hotels, motels, and tourist courts	29.5	29.6	30.6	29.5	-	-	-	-	-	-
	PERSONAL SERVICES										
721	Laundry, cleaning, and garment services	33.9	33.3	33.6	33.8	-	-	-	-	-	-
723	Beauty shops	30.1	29.5	30.0	30.1	-	-	-	-	-	-
73	BUSINESS SERVICES	32.9	32.6	32.6	33.1	-	-	-	-	-	-
731	Advertising	35.7	35.3	35.5	36.2	-	-	-	-	-	-
734	Services to buildings	27.6	27.3	26.9	27.6	-	-	-	-	-	-
737	Computer and data processing services	37.1	36.8	37.1	37.4	-	-	-	-	-	-
75	AUTO REPAIR, SERVICES, AND GARAGES	38.0	37.9	37.6	37.8	-	-	-	-	-	-
753	Automotive repair shops	38.9	38.8	39.0	39.2	-	-	-	-	-	-
76	MISCELLANEOUS REPAIR SERVICES	39.4	39.0	38.8	39.7	-	-	-	-	-	-
78	MOTION PICTURES	27.5	27.7	26.8	26.9	-	-	-	-	-	-
781	Motion picture production and services	39.5	39.6	38.5	38.5	-	-	-	-	-	-
79	AMUSEMENT AND RECREATION SERVICES	29.7	29.8	30.1	29.6	-	-	-	-	-	-
80	HEALTH SERVICES	32.8	32.9	32.7	32.6	-	-	-	-	-	-
801	Offices of physicians	32.8	32.7	31.9	32.0	-	-	-	-	-	-
802	Offices of dentists	28.5	29.0	28.3	28.2	-	-	-	-	-	-
805	Nursing and personal care facilities	30.9	31.0	31.2	31.2	-	-	-	-	-	-
806	Hospitals	33.9	34.0	33.9	33.8	-	-	-	-	-	-
81	LEGAL SERVICES	34.4	34.5	34.4	34.7	-	-	-	-	-	-
89	MISCELLANEOUS SERVICES	38.2	38.3	38.1	38.4	-	-	-	-	-	-
891	Engineering and architectural services	39.8	38.8	39.0	39.2	-	-	-	-	-	-
893	Accounting, auditing, and bookkeeping	38.1	38.6	37.4	38.3	-	-	-	-	-	-

ESTABLISHMENT DATA
HOURS AND EARNINGS

C-3. Average hourly earnings excluding overtime of production workers on manufacturing payrolls by industry

Major industry group	Average hourly earnings excluding overtime				
	Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981p	Jan. 1982p
MANUFACTURING	$7.40	$7.46	$7.93	$7.98	$8.14
DURABLE GOODS	7.90	7.95	8.48	8.52	8.62
Lumber and wood products	6.48	6.56	6.94	6.94	–
Furniture and fixtures	5.54	5.57	5.92	5.96	–
Stone, clay, and glass products	7.48	7.54	8.18	8.21	–
Primary metal industries	9.95	9.96	10.78	10.77	–
Fabricated metal products	7.58	7.62	8.18	8.28	–
Machinery, except electrical	8.13	8.19	8.78	8.84	–
Electric and electronic equipment	7.13	7.20	7.66	7.70	–
Transportation equipment	9.60	9.59	10.31	10.32	–
Instruments and related products	6.90	6.98	7.49	7.51	–
Miscellaneous manufacturing industries	5.57	5.69	5.95	6.06	–
NONDURABLE GOODS	6.63	6.72	7.13	7.20	7.44
Food and kindred products	6.81	6.87	7.29	7.37	–
Tobacco manufactures	7.85	8.22	8.71	8.76	–
Textile mill products	5.12	5.14	5.54	5.55	–
Apparel and other textile products	4.73	4.82	4.98	4.97	–
Paper and allied products	7.83	7.84	8.47	8.53	–
Printing and publishing	7.59	7.68	8.16	8.18	–
Chemicals and allied products	8.35	8.40	9.08	9.16	–
Petroleum and coal products	9.95	10.63	11.04	11.14	–
Rubber and misc. plastics products	6.69	6.78	7.17	7.27	–
Leather and leather products	4.65	4.76	5.01	5.05	–

[1] Derived by assuming that overtime hours are paid at the rate of time and one-half. p = preliminary.

NOTE: The spendable earnings series shown below will be discontinued after the March issue. See page 4 in this issue.

C-4. Gross and spendable average weekly earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division, in current and constant (1977) dollars

Industry	Gross average weekly earnings			Spendable average weekly earnings[2]					
				Worker with no dependents			Married worker with 3 dependents		
	Dec. 1980	Nov. 1981	Dec. 1981p	Dec. 1980	Nov. 1981	Dec. 1981p	Dec. 1980	Nov. 1981	Dec. 1981p
TOTAL PRIVATE:									
Current dollars	$247.06	$261.85	$261.89	$197.18	$208.07	$208.09	$215.47	$226.30	$226.33
Constant (1977) dollars	173.38	169.48	169.07	138.37	134.67	134.34	151.21	146.47	146.11
MINING:									
Current dollars	422.04	461.61	466.37	309.66	335.94	338.85	343.63	371.98	375.29
Constant (1977) dollars	296.17	298.78	301.08	217.31	217.44	218.75	241.14	240.76	242.28
CONSTRUCTION:									
Current dollars	384.28	411.44	414.03	287.05	305.31	306.90	317.23	336.58	338.41
Constant (1977) dollars	269.67	266.30	267.29	201.44	197.61	198.13	222.62	217.85	218.47
MANUFACTURING:									
Current dollars	314.16	324.72	329.18	242.86	250.68	253.57	266.14	273.69	276.97
Constant (1977) dollars	220.46	210.17	212.51	170.43	162.25	163.70	186.76	177.15	178.81
TRANSPORTATION AND PUBLIC UTILITIES:									
Current dollars	372.00	395.75	394.74	279.70	295.74	295.12	308.29	325.51	324.80
Constant (1977) dollars	261.05	256.15	254.84	196.28	191.42	190.52	216.34	210.69	209.68
WHOLESALE AND RETAIL TRADE:									
Current dollars	182.65	192.36	193.20	150.84	158.06	158.68	167.01	172.73	173.39
Constant (1977) dollars	128.18	124.50	124.73	105.85	102.30	102.44	117.20	111.80	111.94
FINANCE, INSURANCE, AND REAL ESTATE:									
Current dollars	217.80	235.66	233.57	176.46	189.59	188.11	193.18	206.33	204.74
Constant (1977) dollars	152.84	152.53	150.79	123.83	122.71	121.44	135.56	133.55	132.18
SERVICES:									
Current dollars	199.51	216.78	216.79	163.13	175.39	175.99	178.94	191.81	191.82
Constant (1977) dollars	140.01	140.31	139.95	114.48	113.91	113.62	125.57	124.15	123.83

[1] For coverage of series, see footnote 1, table B-2.
[2] Spendable earnings are calculated by taking the average weekly pay for all production or nonsupervisory jobs, both full-time and part-time, and then deducting social security and Federal income taxes applicable to a single worker or to a married worker with three dependents who earned this amount (see Explanatory Notes for the establishment data in the back of this publication). A technical note on the calculation and uses of the spendable earnings series is available on request.
p=preliminary.

C-5. Indexes of aggregate weekly hours and payrolls of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division and major manufacturing group

(1977=100)

Industry division and group	Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P
	Hours				
TOTAL PRIVATE	109.9	105.6	109.0	108.7	101.1
GOODS PRODUCING	104.3	99.4	101.2	99.0	87.0
MINING	129.2	127.9	142.3	143.4	133.0
CONSTRUCTION	114.3	100.7	114.4	107.4	82.8
MANUFACTURING	101.2	97.8	96.7	95.3	85.7
DURABLE GOODS	102.1	98.4	95.9	94.4	85.4
Lumber and wood products	92.4	88.8	80.5	78.7	65.3
Furniture and fixtures	101.0	96.9	97.8	98.7	80.6
Stone, clay, and glass products	95.0	89.2	90.6	85.9	74.9
Primary metal industries	95.7	94.8	86.2	83.5	79.7
Fabricated metal products	100.2	96.1	93.5	92.0	83.5
Machinery, except electrical	113.3	110.8	109.8	110.3	102.6
Electric and electronic equipment	110.0	106.9	105.4	104.7	96.5
Transportation equipment	95.3	89.4	85.0	83.1	73.0
Instruments and related products	114.7	112.3	111.7	111.3	103.7
Miscellaneous manufacturing industries	91.0	87.0	96.2	91.2	79.5
NONDURABLE GOODS	99.9	96.8	97.9	96.6	86.2
Food and kindred products	100.2	96.1	99.8	98.3	91.2
Tobacco manufactures	102.5	99.8	106.5	101.1	93.5
Textile mill products	93.9	90.9	87.6	85.9	65.5
Apparel and other textile products	94.7	91.2	95.3	91.6	72.7
Paper and allied products	102.6	99.7	98.1	98.4	93.1
Printing and publishing	111.8	107.4	109.9	112.8	106.5
Chemicals and allied products	101.5	100.2	100.0	100.1	95.8
Petroleum and coal products	101.2	99.1	99.4	96.1	94.7
Rubber and misc. plastics products	102.8	101.0	98.9	97.3	89.4
Leather and leather products	88.4	86.5	89.5	84.8	77.4
SERVICE PRODUCING	112.9	109.0	113.3	114.1	108.8
TRANSPORTATION AND PUBLIC UTILITIES	107.4	103.7	105.3	104.3	100.2
WHOLESALE AND RETAIL TRADE	111.1	104.1	108.8	111.3	103.2
WHOLESALE TRADE	112.0	109.9	112.2	111.8	107.8
RETAIL TRADE	110.7	101.8	107.4	111.1	101.5
FINANCE, INSURANCE, AND REAL ESTATE	116.1	116.2	117.9	117.5	116.9
SERVICES	116.3	114.8	120.2	120.1	116.4

[1] For coverage of series, see footnote 1, table B-2.

P preliminary.

C-5. Indexes of aggregate weekly hours and payrolls of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division and major manufacturing group—Continued

(1977=100)

Industry division and group	Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P
	Payrolls				
TOTAL PRIVATE	145.2	141.3	154.9	154.1	145.0
GOODS-PRODUCING	140.7	134.4	146.3	143.7	128.1
MINING	177.9	180.0	213.6	215.0	202.7
CONSTRUCTION	145.7	129.5	157.0	148.2	118.2
MANUFACTURING	137.1	133.1	139.5	138.4	126.5
DURABLE GOODS	138.5	133.7	138.4	137.1	124.7
Lumber and wood products	122.2	118.3	112.9	110.3	98.7
Furniture and fixtures	132.7	127.5	136.2	138.6	115.4
Stone, clay, and glass products	128.0	120.7	133.1	126.3	111.0
Primary metal industries	133.8	132.6	129.2	125.1	120.0
Fabricated metal products	133.7	128.2	133.4	132.8	120.8
Machinery, except electrical	154.0	151.0	159.6	162.0	150.6
Electric and electronic equipment	150.6	146.9	153.8	153.9	142.6
Transportation equipment	131.9	122.1	124.3	121.7	106.0
Instruments and related products	154.5	152.6	162.5	162.3	151.9
Miscellaneous manufacturing industries	119.7	116.1	135.1	130.0	115.5
NONDURABLE GOODS	134.7	132.1	141.5	140.8	129.8
Food and kindred products	133.1	129.0	141.8	141.0	132.9
Tobacco manufactures	149.9	153.1	172.2	162.7	150.0
Textile mill products	125.7	122.0	126.2	123.4	94.8
Apparel and other textile products	125.7	123.0	133.1	127.5	103.8
Paper and allied products	142.3	138.3	146.3	147.9	141.5
Printing and publishing	143.9	138.9	151.5	156.1	149.0
Chemicals and allied products	137.1	136.2	146.3	147.3	144.0
Petroleum and coal products	134.1	140.1	146.9	141.4	145.7
Rubber and misc. plastics products	138.6	137.7	141.6	141.1	131.6
Leather and leather products	116.3	116.5	126.6	120.8	111.7
SERVICE PRODUCING	148.4	146.2	161.0	161.4	157.0
TRANSPORTATION AND PUBLIC UTILITIES	142.8	138.4	151.7	150.2	145.0
WHOLESALE AND RETAIL TRADE	145.8	141.2	153.4	156.0	148.7
WHOLESALE TRADE	150.1	149.2	162.5	161.9	158.6
RETAIL TRADE	143.5	136.9	148.5	152.8	143.4
FINANCE, INSURANCE, AND REAL ESTATE	153.3	156.1	168.9	167.5	169.2
SERVICES	153.0	153.3	172.3	171.7	169.3

C-6. Average weekly hours of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division and major manufacturing group, seasonally adjusted

Industry	1981												1982
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec. p	Jan. p
TOTAL PRIVATE	35.3	35.2	35.3	35.4	35.3	35.2	35.3	35.2	34.9	35.0	35.0	34.9	34.1
MINING	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
CONSTRUCTION	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
MANUFACTURING	40.1	39.8	39.9	40.2	40.3	40.1	40.0	40.0	39.3	39.5	39.3	39.0	36.9
Overtime hours	3.0	2.8	2.8	2.9	3.2	3.0	3.0	3.0	2.7	2.7	2.5	2.4	2.2
DURABLE GOODS	40.6	40.1	40.4	40.8	40.8	40.5	40.5	40.5	39.7	39.9	39.7	39.3	37.5
Overtime hours	3.0	2.8	2.8	3.0	3.2	3.0	3.0	3.0	2.6	2.6	2.4	2.4	2.1
Lumber and wood products	39.8	39.1	39.1	39.6	39.8	39.0	38.8	38.6	37.3	37.6	37.5	37.8	34.6
Furniture and fixtures	38.5	38.6	38.6	38.8	39.0	38.9	38.5	38.6	37.5	38.1	37.7	37.6	32.8
Stone, clay, and glass products	41.3	40.6	40.7	41.2	41.0	40.8	40.9	40.8	40.3	40.0	40.0	39.6	38.0
Primary metal industries	41.1	40.7	41.0	41.2	41.0	40.8	40.5	40.7	40.6	39.8	39.7	39.2	38.0
Fabricated metal products	40.5	40.2	40.4	40.9	40.9	40.7	40.5	40.5	39.5	40.0	39.6	39.3	37.9
Machinery, except electrical	41.1	40.8	40.9	41.3	41.4	41.1	41.1	41.2	40.3	40.7	40.6	40.3	39.0
Electric and electronic equipment	40.1	39.6	40.0	40.2	40.4	40.2	40.5	40.4	39.6	39.9	39.3	39.3	37.6
Transportation equipment	41.3	40.5	40.9	42.0	41.8	41.4	41.2	41.3	39.9	40.5	40.3	39.4	37.5
Instruments and related products	40.6	40.5	40.5	40.1	40.4	40.4	40.5	40.8	40.5	40.4	40.3	39.7	38.0
Miscellaneous manufacturing ind.	38.8	38.6	38.7	38.9	39.2	39.1	39.2	39.1	38.4	39.0	39.0	38.4	36.7
NONDURABLE GOODS	39.5	39.2	39.2	39.3	39.6	39.4	39.3	39.3	38.9	39.0	38.8	38.6	36.1
Overtime hours	3.0	2.9	2.8	2.9	3.1	3.0	2.9	2.9	2.8	2.8	2.7	2.5	2.4
Food and kindred products	40.3	39.9	39.7	40.1	40.0	39.8	39.4	39.4	39.2	39.5	39.6	39.7	39.0
Tobacco manufactures	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Textile mill products	40.0	40.0	39.9	39.8	40.5	40.2	40.4	40.3	38.9	39.3	38.8	38.2	30.7
Apparel and other textile products	36.1	35.6	35.7	35.5	36.0	36.1	35.9	36.1	35.2	35.7	35.6	35.1	29.9
Paper and allied products	42.6	42.4	42.4	42.6	42.8	42.7	42.7	42.7	43.1	42.4	41.9	41.8	40.8
Printing and publishing	37.5	37.3	37.1	37.3	37.6	37.4	37.3	37.3	37.1	37.1	36.9	37.3	36.4
Chemicals and allied products	41.6	41.6	41.5	41.5	41.7	41.7	41.8	41.7	42.3	41.5	41.3	41.5	40.4
Petroleum and coal products	43.8	43.8	43.5	44.1	43.8	43.4	43.1	42.8	43.3	42.1	42.3	42.7	45.2
Rubber and misc. plastics products	40.9	40.3	40.5	40.7	41.3	41.0	40.5	40.6	39.6	40.0	39.6	39.3	37.2
Leather and leather products	36.8	37.0	37.1	36.6	37.1	37.4	36.5	36.9	36.1	36.8	36.7	36.1	35.1
TRANSPORTATION AND PUBLIC UTILITIES	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
WHOLESALE AND RETAIL TRADE	32.2	32.2	32.2	32.3	32.1	32.1	32.2	32.1	32.1	31.9	32.0	31.9	31.5
WHOLESALE TRADE	38.8	38.6	38.6	38.6	38.5	38.5	38.7	38.6	38.5	38.5	38.6	38.4	37.9
RETAIL TRADE	30.1	30.2	30.2	30.3	30.1	30.1	30.1	30.1	30.1	29.9	29.9	29.8	29.5
FINANCE, INSURANCE, AND REAL ESTATE	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
SERVICES	32.7	32.8	32.8	32.8	32.7	32.5	32.5	32.4	32.4	32.5	32.6	32.7	32.3

[1] For coverage of series, see footnote 1, table B-2.
[2] This series is not published seasonally adjusted since the seasonal component is small relative to the trend-cycle and/or irregular components and consequently cannot be separated with sufficient precision.
p preliminary

ESTABLISHMENT DATA
SEASONALLY ADJUSTED

C-7. Indexes of aggregate weekly hours of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division and major manufacturing group, seasonally adjusted

(1977=100)

Industry division and group	1981												1982
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec. p	Jan. p
TOTAL PRIVATE	108.2	107.9	108.4	108.9	108.9	108.7	109.4	109.2	108.6	108.4	108.0	106.8	103.9
GOODS PRODUCING	102.4	100.9	102.4	102.8	103.1	102.6	103.5	103.4	101.1	100.8	99.3	97.0	90.3
MINING	130.1	128.6	128.2	112.0	113.3	126.0	136.5	139.8	139.0	140.1	141.1	143.5	136.4
CONSTRUCTION	113.9	109.1	116.6	115.8	112.9	109.3	110.9	110.0	105.2	109.8	111.0	108.4	98.3
MANUFACTURING	98.9	98.0	98.4	99.9	100.7	100.2	100.5	100.4	98.5	97.2	95.1	92.6	86.6
DURABLE GOODS	99.0	97.8	98.6	100.7	101.1	100.6	100.9	100.9	98.6	96.9	94.1	91.0	85.7
Lumber and wood products	93.2	91.7	91.9	94.5	96.1	92.9	92.5	89.8	85.5	82.7	79.6	77.8	68.8
Furniture and fixtures	96.6	97.4	97.4	100.5	102.6	102.6	102.3	102.3	98.4	98.4	95.1	93.8	80.1
Stone, clay, and glass products	94.6	92.8	92.7	94.8	94.5	93.9	94.5	94.6	92.5	90.0	88.2	85.0	79.5
Primary metal industries	94.6	94.0	94.7	95.7	94.8	94.6	93.5	94.4	93.6	89.0	86.4	82.5	79.6
Fabricated metal products	96.2	95.3	96.2	98.2	98.7	98.4	98.8	98.4	95.5	94.3	91.3	88.1	83.5
Machinery, except electrical	109.8	108.7	109.1	110.5	111.8	111.5	111.7	112.9	110.9	111.3	109.1	106.3	101.6
Electric and electronic equipment	106.5	105.3	107.0	108.4	109.6	109.2	110.9	110.5	108.2	107.8	103.1	100.7	96.0
Transportation equipment	89.1	86.8	88.7	93.3	92.2	91.9	91.1	91.6	88.8	84.7	82.4	76.9	72.5
Instruments and related products	112.3	111.2	111.5	110.9	112.0	111.7	113.3	113.9	113.0	112.0	110.4	108.7	103.6
Miscellaneous manufacturing ind	91.2	90.7	90.6	92.0	92.4	92.2	95.4	92.8	91.4	92.2	92.2	90.8	83.1
NONDURABLE GOODS	98.9	98.3	98.1	98.7	100.1	99.5	99.8	99.5	98.5	97.8	96.4	95.1	88.0
Food and kindred products	100.9	100.4	99.0	100.5	100.8	98.1	98.4	96.8	96.3	97.8	98.0	97.7	95.7
Tobacco manufactures	98.4	98.1	96.5	96.5	98.4	98.3	103.2	110.1	103.3	98.1	95.8	93.3	93.9
Textile mill products	91.2	90.9	90.7	90.7	92.6	92.1	93.7	92.7	89.6	88.7	84.1	83.6	65.7
Apparel and other textile products	95.4	94.0	94.3	94.1	96.0	96.8	97.6	97.2	95.0	95.2	94.1	91.4	76.1
Paper and allied products	99.9	99.2	99.1	99.9	100.8	100.7	100.9	101.1	103.0	99.2	97.3	96.2	93.5
Printing and publishing	108.5	108.2	107.8	108.5	109.5	108.8	108.8	109.3	109.3	109.3	108.4	109.6	107.5
Chemicals and allied products	100.8	101.1	101.0	101.2	102.0	102.5	102.4	102.2	103.8	101.0	99.6	99.1	96.0
Petroleum and coal products	104.6	104.6	103.9	105.3	105.4	102.9	102.2	100.7	101.1	97.6	97.3	97.4	99.9
Rubber and misc. plastics products	100.4	99.3	100.1	102.2	105.3	104.7	103.6	105.0	101.7	100.1	97.0	94.7	88.9
Leather and leather products	88.5	89.5	89.3	88.5	90.6	91.4	91.4	91.5	89.5	90.8	89.2	84.6	79.2
SERVICE PRODUCING	111.3	111.7	111.8	112.3	112.0	112.1	112.6	112.5	112.8	112.7	112.8	112.2	111.4
TRANSPORTATION AND PUBLIC UTILITIES	105.0	105.4	105.1	105.4	104.9	106.2	106.0	105.2	105.5	104.0	104.7	102.7	102.1
WHOLESALE AND RETAIL TRADE	106.6	106.8	106.9	107.2	106.9	107.0	107.8	107.9	108.0	107.7	107.3	106.2	105.8
WHOLESALE TRADE	111.5	111.1	111.1	111.4	111.4	111.3	112.3	112.1	111.8	111.6	111.8	110.8	109.0
RETAIL TRADE	104.7	105.2	105.4	105.6	105.2	105.3	106.0	106.2	106.6	106.2	105.5	104.5	104.5
FINANCE, INSURANCE, AND REAL ESTATE	117.3	117.4	117.5	117.8	117.4	117.6	118.1	118.7	118.3	118.5	118.2	117.9	117.9
SERVICES	117.7	118.2	118.4	119.3	119.2	118.7	119.3	119.0	119.6	120.1	120.8	121.1	119.7

[1] For coverage of series, see footnote 1, table B-2.

p preliminary

C-8. Hourly Earnings Index and average hourly and weekly earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls, seasonally adjusted

Industry	1981												1982
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec. P	Jan. P
Hourly Earnings Index[2] (1977=100)													
TOTAL PRIVATE (in current dollars)	133.8	135.0	135.8	136.7	137.7	138.4	139.0	140.7	141.5	141.9	143.2	143.3	144.8
MINING[3]	142.1	143.2	144.0	145.7	145.6	147.2	148.9	149.4	151.5	151.3	153.3	152.7	154.5
CONSTRUCTION	127.6	128.0	128.6	129.0	129.4	130.4	131.8	132.5	132.9	134.3	135.4	136.1	140.8
MANUFACTURING	136.5	137.5	138.5	139.9	140.7	141.6	142.5	143.6	144.8	145.5	146.4	146.8	148.3
TRANSPORTATION AND PUBLIC UTILITIES	133.7	135.4	136.1	137.3	138.9	139.8	139.3	141.8	141.7	142.0	144.0	144.2	145.1
WHOLESALE AND RETAIL TRADE	133.7	135.0	135.8	136.4	137.4	137.6	138.4	140.0	141.2	140.5	141.5	141.9	142.0
FINANCE, INSURANCE, AND REAL ESTATE	133.2	135.0	136.0	135.4	136.8	137.1	137.4	140.4	140.3	140.9	143.2	142.1	143.3
SERVICES	132.0	133.2	134.0	134.8	136.0	136.6	136.9	139.4	139.8	140.7	142.6	142.9	143.7
TOTAL PRIVATE (in 1977 dollars)[4]	92.8	92.7	92.8	93.0	93.1	92.9	92.2	92.7	92.1	92.0	92.4	92.1	–
Average hourly earnings													
TOTAL PRIVATE	$6.99	$7.04	$7.09	$7.14	$7.18	$7.23	$7.26	$7.34	$7.37	$7.39	$7.45	$7.44	$7.50
MINING	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
CONSTRUCTION	10.39	10.44	10.49	10.52	10.57	10.69	10.77	10.85	10.88	11.01	11.09	11.16	11.54
MANUFACTURING	7.69	7.74	7.80	7.90	7.95	7.99	8.02	8.08	8.14	8.15	8.18	8.18	8.34
TRANSPORTATION AND PUBLIC UTILITIES	9.33	9.44	9.48	9.57	9.67	9.74	9.71	9.88	9.88	9.89	9.99	10.02	10.12
WHOLESALE AND RETAIL TRADE	5.72	5.78	5.81	5.84	5.89	5.91	5.93	5.99	6.05	6.02	6.05	6.07	6.07
FINANCE, INSURANCE, AND REAL ESTATE	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
SERVICES	6.15	6.20	6.24	6.27	6.32	6.38	6.42	6.51	6.52	6.58	6.64	6.64	6.70
Average weekly earnings													
TOTAL PRIVATE													
Current dollars	246.75	247.81	250.28	252.76	253.45	254.50	256.28	258.37	257.21	258.65	260.75	259.66	255.75
1977 dollars[4]	171.12	170.20	170.96	172.06	171.37	170.92	170.06	170.20	167.45	167.74	168.23	166.98	–
Real spendable earnings (married worker with 3 dependents, 1977 dollars)[4, 5]	148.38	147.49	147.96	148.73	148.07	147.62	146.74	146.71	144.43	145.18	145.46	144.46	–

[1] For coverage of series, see footnote 1, table B-2.

[2] The index excludes effects of two types of changes that are unrelated to underlying wage-rate developments. Fluctuations in overtime premiums in manufacturing (the only sector for which overtime data are available) and the effects of changes in the proportion of workers in high-wage and low-wage industries.

[3] The unadjusted data are shown because the seasonal component is small relative to the trend-cycle and/or irregular components and consequently cannot be separated with sufficient precision.

[4] The deflator for these series is derived from the Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W).

[5] See footnote 2, table C-6.

[6] See footnote 2, table C-4.

p=preliminary.

C-9. Hours of wage and salary workers[1] in nonagricultural establishments by industry division

Industry division	Millions of hours (Annual rate)[2]			Percent change		
	November 1981	December 1981	January 1982p	Jan. 1981 to Jan. 1982	Nov. 1981 to Dec. 1981	Dec. 1981 to Jan. 1982
TOTAL	170,053	169,448	165,840	-4.3	-0.1	-2.6
PRIVATE SECTOR	139,831	138,626	136,078	-3.4	-0.9	-1.8
MINING	2,702	2,792	2,695	5.0	3.3	-3.5
CONSTRUCTION	8,236	8,137	7,690	-15.2	-1.2	-5.5
MANUFACTURING	41,138	40,592	38,879	-8.5	-1.3	-4.2
DURABLE GOODS	24,830	24,392	23,478	-9.0	-1.8	-3.7
NONDURABLE GOODS	16,308	16,200	15,401	-7.7	-0.7	-4.9
TRANSPORTATION AND PUBLIC UTILITIES	10,544	10,403	10,340	-2.7	-1.3	-0.6
WHOLESALE AND RETAIL TRADE	35,021	34,519	34,650	-0.4	-1.4	0.4
FINANCE, INSURANCE, AND REAL ESTATE	10,118	10,114	10,091	1.0	0.0	-0.2
SERVICES	32,073	32,068	31,733	1.5	0.0	-1.0
GOVERNMENT	30,222	31,223	29,362	-8.3	3.3	-6.0

[1] Data refer to hours of all employees—production workers, nonsupervisory workers and salaried workers—and are based largely on establishment data. See *BLS Handbook of Methods for Surveys and Studies*, BLS Bulletin 1910—Chapter 30, Productivity Measures: Private Economy and Major Sectors.

[2] "Annual rate" refers to total hours paid for 1 week in the month, expressed as a seasonally adjusted annual equivalent.

PRODUCTIVITY
SEASONALLY ADJUSTED

C-10. Indexes of output and compensation per hour, unit costs, and prices, private business sector, seasonally adjusted

(1977 = 100)

Item	Annual average		Quarterly indexes										
			1979			1980				1981			
	1980	1981	II	III	IV	I	II	III	IV	I	II	III	IV
PRIVATE BUSINESS SECTOR:													
Output per hour of all persons	99.3	p100.4	99.7	99.4	99.1	99.5	99.1	99.4	99.1	100.3	r101.2	100.9	p 99.0
Output	106.8	p108.9	107.1	107.7	108.2	108.7	105.4	105.7	107.5	109.5	109.5	109.4	p107.3
Hours	107.5	p108.5	107.4	108.4	109.1	109.2	106.4	106.3	108.4	109.2	r108.2	r108.4	p108.4
Compensation per hour	131.5	p144.6	118.1	120.7	123.2	126.4	130.1	133.1	135.9	r139.8	r143.3	r146.5	p148.5
Real compensation per hour	96.7	p 96.4	100.3	99.2	98.0	96.7	r96.6	96.9	96.0	96.1	r96.9	r96.3	p 95.8
Unit labor costs	132.4	p144.1	118.5	121.4	124.3	127.0	131.3	133.9	r137.1	139.4	141.6	r145.2	p150.0
Unit nonlabor payments	118.3	p130.0	110.4	111.5	112.2	115.2	116.0	119.7	122.7	127.6	129.3	r132.4	p130.6
Implicit price deflator	127.6	p139.3	115.8	118.1	120.2	123.0	126.1	129.1	132.2	135.4	137.5	r140.9	p143.5
NONFARM BUSINESS SECTOR:													
Output per hour of all persons	98.8	p 99.7	99.1	98.9	98.8	98.9	98.2	99.0	99.0	100.0	100.4	99.9	p 98.0
Output	106.8	p108.7	107.1	107.8	108.2	108.5	105.1	105.8	107.7	109.7	109.4	r109.0	p106.7
Hours	108.1	p109.1	108.0	109.0	109.4	r109.7	r107.0	106.9	108.8	109.7	109.0	109.1	p108.8
Compensation per hour	130.8	p143.9	117.7	120.2	123.0	126.0	129.4	132.3	135.4	r139.2	142.4	r145.7	p148.0
Real compensation per hour	96.2	p 95.9	100.0	98.8	97.8	96.4	96.0	96.3	r95.7	95.7	96.3	r95.8	p 95.5
Unit labor costs	132.4	p144.4	118.7	121.5	124.4	127.4	131.8	133.6	136.8	139.1	141.9	r145.8	p151.0
Unit nonlabor payments	117.6	p129.8	107.7	109.2	110.1	113.9	115.1	119.2	122.0	127.8	128.7	r132.2	p130.9
Implicit price deflator	127.4	p139.6	115.1	117.4	119.7	122.9	126.3	128.8	131.9	135.3	137.5	r141.2	p144.3
MANUFACTURING:													
Output per hour of all persons	101.7	p104.4	102.3	102.0	102.1	102.0	100.7	100.7	103.2	r104.2	r105.2	105.5	p102.4
Output	103.6	p106.3	108.5	108.5	108.2	108.0	101.6	99.9	105.1	107.0	r107.8	r107.8	p102.4
Hours	101.9	p101.8	106.1	106.4	106.0	105.9	100.9	99.2	101.8	r102.7	r102.5	r102.2	p100.0
Compensation per hour	131.6	p146.2	118.6	119.8	122.3	125.4	130.0	133.9	137.3	r141.1	r144.8	r148.0	p150.7
Real compensation per hour	r96.8	p 97.4	100.7	98.5	97.2	r96.0	r96.5	97.5	97.0	r97.1	r 97.9	r97.3	p 97.2
Unit labor costs	129.4	p140.0	115.9	117.5	119.8	122.9	r129.0	133.0	133.0	r135.5	r137.6	r140.3	p147.1
DURABLE GOODS													
Output per hour of all persons	r99.7	p102.8	101.6	100.1	100.3	99.9	r99.0	r98.4	r101.2	r102.5	r103.8	r103.9	p100.6
Output	102.9	p105.7	110.4	109.5	109.1	108.4	100.7	98.1	r104.2	106.4	r107.7	107.4	p101.2
Hours	r103.2	p102.8	108.6	r109.3	108.7	108.5	r101.8	r99.7	r103.0	r103.9	r103.7	r103.3	p100.6
Compensation per hour	r131.7	p146.9	118.4	119.3	121.5	r125.2	r130.0	r134.2	r137.8	r141.7	r145.3	r148.7	p151.5
Real compensation per hour	r96.9	p 97.9	100.6	98.1	96.6	r95.9	r96.5	r97.7	r97.4	r97.4	r 98.3	r97.7	p 97.7
Unit labor costs	132.1	p142.9	116.6	119.2	121.1	r125.2	131.4	136.4	136.2	138.3	r140.0	r143.0	p150.6
NONDURABLE GOODS													
Output per hour of all persons	104.9	p106.9	103.5	105.0	104.9	105.3	r103.4	104.3	106.4	106.9	107.4	108.0	p105.2
Output	104.8	p107.1	105.9	107.0	107.0	107.4	102.9	102.6	106.3	107.8	r108.0	r108.5	p104.3
Hours	99.9	p100.2	102.2	101.9	102.0	r102.0	r99.5	98.4	99.9	100.9	100.6	100.5	p 99.1
Compensation per hour	r130.9	p144.7	118.2	119.9	122.9	125.0	129.6	133.3	136.0	r139.7	r143.3	r146.4	p149.1
Real compensation per hour	96.3	p 96.4	r100.3	r98.5	97.7	95.7	96.2	97.1	96.1	r96.1	96.9	96.2	p 96.2
Unit labor costs	124.8	p135.3	114.1	114.2	117.2	118.7	125.3	127.8	127.8	130.7	r133.5	r135.6	p141.7
NONFINANCIAL CORPORATIONS:													
Output per all-employee hour	101.0	N.A.	100.7	100.5	99.9	100.2	100.1	101.8	101.8	103.3	103.9	r103.8	N.A.
Output	108.5	N.A.	109.0	109.4	109.3	109.9	106.8	107.7	109.7	112.8	112.8	r112.8	N.A.
Hours	107.5	N.A.	108.3	108.9	109.4	109.6	106.7	105.8	107.8	109.1	108.6	108.7	N.A.
Compensation per hour	130.9	N.A.	117.6	120.1	122.7	125.7	129.3	132.5	135.5	139.2	142.3	r145.5	N.A.
Real compensation per hour	96.1	N.A.	99.9	98.7	97.5	96.2	95.9	96.5	95.7	95.7	96.2	95.6	N.A.
Total unit costs	129.7	N.A.	115.3	118.2	121.3	124.2	129.2	131.1	134.1	136.0	138.7	142.2	N.A.
Unit labor costs	129.4	N.A.	116.8	119.5	122.8	125.4	129.1	130.2	133.1	134.7	137.0	140.2	N.A.
Unit nonlabor costs	130.2	N.A.	111.2	114.6	117.2	120.9	129.3	133.8	136.9	139.5	143.6	r147.7	N.A.
Unit profits	90.2	N.A.	100.7	97.5	92.2	95.5	83.4	89.1	92.4	106.8	102.8	r106.7	N.A.
Implicit price deflator	125.2	N.A.	113.7	115.9	118.1	121.0	124.1	126.4	129.5	132.7	134.7	r138.2	N.A.

p=preliminary.
r=revised.

C-11. Percent changes from preceding quarter and year in productivity, hourly compensation, unit costs, and prices, private business sector, seasonally adjusted at annual rate

Item	Quarterly percent change						Annual percent change					
	II 1980 to III 1980	III 1980 to IV 1980	IV 1980 to I 1981	I 1981 to II 1981	II 1981 to III 1981	III 1981 to IV 1981	III 1979 to III 1980	IV 1979 to IV 1980	I 1980 to I 1981	II 1980 to II 1981	III 1980 to III 1981	IV 1980 to IV 1981
PRIVATE BUSINESS SECTOR:												
Output per hour of all persons	1.3	-1.1	r4.7	3.5	r-1.1	p -7.2	0.0	0.0	r0.8	2.1	1.5	p-0.1
Output	1.1	6.9	7.9	-0.1	-0.3	p -7.5	-1.9	-0.7	0.8	3.9	3.5	p-0.2
Hours	-0.2	8.1	r3.0	r-3.6	0.8	p -0.2	-1.9	-0.7	0.0	r1.7	2.0	p 0.0
Compensation per hour	9.5	8.6	r11.9	10.4	r9.3	p 5.7	10.3	10.3	r10.6	10.1	r10.1	p 9.3
Real compensation per hour	1.6	-3.8	r0.5	3.2	r-2.3	p -1.9	-2.3	-2.0	r-0.6	0.3	r-0.6	p-0.2
Unit labor costs	8.1	9.8	6.9	6.6	r10.6	p 14.0	10.3	10.3	9.7	7.8	r8.5	p 9.5
Unit nonlabor payments	13.7	10.2	r17.1	5.3	r10.1	p -5.3	7.4	9.3	10.8	11.5	r10.6	p 6.5
Implicit price deflator	9.8	9.9	10.0	6.2	r10.4	p 7.5	9.4	10.0	10.1	9.0	r9.1	p 8.5
NONFARM BUSINESS SECTOR:												
Output per hour of all persons	3.6	-0.2	r4.4	1.4	r-1.8	p -7.6	r0.2	r0.2	r1.2	r2.3	0.9	p-1.0
Output	2.9	7.1	7.9	-1.1	r-1.4	p -8.4	-1.8	-0.5	1.1	4.1	r3.0	p-0.9
Hours	-0.7	7.3	r3.4	-2.5	r0.4	p -0.9	-1.9	-0.6	r-0.1	r1.8	2.1	p 0.1
Compensation per hour	9.0	9.8	r11.7	9.6	r9.5	p 6.5	10.1	10.1	r10.5	10.0	r10.2	p 9.3
Real compensation per hour	1.2	-2.7	r0.3	r2.5	r-2.2	p -1.2	-2.5	-2.2	r-0.7	r0.3	-0.6	p-0.2
Unit labor costs	5.3	10.1	7.0	8.1	r11.5	p 15.2	9.9	9.9	9.2	7.6	r9.2	p10.4
Unit nonlabor payments	15.0	9.9	20.3	3.0	r11.3	p -4.0	9.1	10.8	12.2	11.8	r10.9	p 7.3
Implicit price deflator	8.2	10.0	11.0	6.5	r11.4	p 8.9	9.6	10.2	10.1	8.9	r9.7	p 9.4
MANUFACTURING:												
Output per hour of all persons	-r0.1	r10.3	r3.8	4.1	r1.2	p-11.3	r-1.2	1.1	2.1	r4.5	r4.8	p-0.8
Output	-6.6	r22.4	7.5	3.3	-r0.1	p-18.5	-7.9	-2.9	-0.9	r6.1	r7.9	p-2.5
Hours	-6.5	11.0	r3.6	r-0.8	r-1.2	p -8.2	r-6.8	-4.0	r3.0	r1.6	r3.0	p-1.7
Compensation per hour	12.7	10.5	r11.6	10.8	r9.3	p 7.5	r11.8	r12.3	r12.5	r11.4	r10.5	p 9.8
Real compensation per hour	4.5	-2.2	r0.2	3.5	r-2.4	p -0.3	-1.0	r-0.2	r1.1	r1.5	r-0.2	p 0.2
Unit labor costs	r12.8	0.1	7.5	r6.5	r8.0	p 21.1	13.2	11.0	10.2	6.6	r5.5	p10.6
DURABLE GOODS												
Output per hour of all persons	r-2.5	r11.9	r5.2	r5.5	r0.4	p-12.2	-1.8	0.8	r2.5	r4.9	r5.7	p-0.5
Output	-10.2	r27.7	8.7	r5.0	-1.3	p-21.1	-10.5	r-4.5	-1.8	r6.9	9.5	p-2.9
Hours	-8.0	r14.1	r3.4	-0.5	r-1.7	p-10.2	-8.8	-5.2	r-4.2	r1.9	r3.6	p-2.4
Compensation per hour	13.4	r11.2	r11.8	10.7	r9.5	p 7.8	12.4	r13.4	r13.2	r11.8	r10.8	p10.0
Real compensation per hour	5.2	-1.4	0.3	3.5	r-2.1	p 0.0	r-0.4	r0.8	r1.7	r1.9	r0.0	p 0.4
Unit labor costs	r16.3	r-0.6	6.3	r4.9	r9.1	p 22.8	14.5	r12.5	10.4	6.5	r4.9	p10.6
NONDURABLE GOODS												
Output per hour of all persons	3.4	r8.2	r1.8	r1.9	r2.3	p-10.0	-0.6	r1.4	1.5	3.8	r3.5	p-1.1
Output	r-1.1	r15.2	5.8	r0.7	r1.7	p-14.7	-4.1	-0.6	0.4	5.0	r5.7	p-1.9
Hours	-4.3	6.4	r3.9	r-1.2	r-0.6	p -5.1	-3.5	-2.1	-1.0	r1.1	r2.1	p-0.8
Compensation per hour	11.9	8.2	r11.4	r10.8	r8.9	p 7.5	11.2	10.6	11.7	10.5	r9.8	p 9.6
Real compensation per hour	3.8	-4.2	r0.0	3.5	r-2.7	p -0.3	-1.5	-1.7	0.4	0.7	r-0.9	p 0.1
Unit labor costs	r8.3	-0.1	r9.4	r8.7	r6.5	19.4	11.9	9.0	10.1	r6.5	r6.1	p10.9
NONFINANCIAL CORPORATIONS:												
Output per all-employee hour	6.7	0.0	6.3	2.2	r-0.5	N.A.	1.3	1.9	3.1	3.8	r2.0	N.A.
Output	3.4	7.9	11.5	0.1	r-0.1	N.A.	-1.6	0.4	2.6	5.6	4.7	N.A.
Hours	-3.1	7.9	4.8	-2.0	0.4	N.A.	-2.8	-1.5	-0.5	1.8	2.7	N.A.
Compensation per hour	10.2	9.4	11.4	9.3	r9.2	N.A.	10.3	10.4	10.8	10.1	9.8	N.A.
Real compensation per hour	2.2	-3.1	0.0	2.1	r-2.5	N.A.	-2.2	-1.9	-0.5	0.3	-0.9	N.A.
Total unit costs	6.2	9.4	5.6	8.4	r10.3	N.A.	11.0	10.5	9.5	7.4	8.4	N.A.
Unit labor costs	3.2	9.4	4.8	7.0	r9.7	N.A.	8.9	8.4	7.4	6.1	7.7	N.A.
Unit nonlabor costs	14.7	9.5	7.9	12.3	r11.8	N.A.	16.8	16.8	15.4	11.1	r10.4	N.A.
Unit profits	30.3	15.7	77.9	-13.9	r15.7	N.A.	-8.6	0.3	11.8	23.3	r19.7	N.A.
Implicit price deflator	7.9	9.9	10.4	6.2	r10.7	N.A.	9.1	9.6	9.7	8.6	r9.3	N.A.

p=preliminary.
r=revised.

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS

C-12. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P
ALABAMA	$281.54	$283.86	$290.65	41.1	39.7	40.2	$6.85	$7.15	$7.23
Birmingham	320.49	318.24	332.00	41.3	39.0	40.0	7.76	8.16	8.30
Mobile	355.32	370.60	370.53	42.2	41.5	41.4	8.42	8.93	8.95
ALASKA	417.60	451.14	(*)	36.0	34.1	(*)	11.60	13.23	(*)
ARIZONA	320.25	332.33	341.34	40.9	39.8	40.3	7.83	8.35	8.47
Phoenix	320.26	324.77	334.49	41.7	39.8	40.3	7.68	8.16	8.30
Tucson	314.41	326.56	334.22	39.4	38.6	39.6	7.98	8.46	8.44
ARKANSAS	242.41	246.27	257.54	40.2	38.3	39.5	6.03	6.43	6.53
Fayetteville—Springdale	222.36	216.90	219.83	40.8	36.7	36.7	5.45	5.91	5.99
Fort Smith	237.55	232.58	250.25	39.2	36.8	38.5	6.06	6.32	6.50
Little Rock—North Little Rock	264.26	266.41	295.54	39.5	38.6	39.3	6.69	7.42	7.52
Pine Bluff	345.10	328.85	340.65	43.3	40.8	42.5	7.97	8.06	8.02
CALIFORNIA	327.65	354.12	364.50	40.5	39.7	40.5	8.09	8.92	9.00
Anaheim—Santa Ana—Garden Grove	315.59	341.85	344.35	41.2	40.6	40.8	7.66	8.42	8.44
Bakersfield	350.51	383.16	370.64	40.9	41.2	40.2	8.57	9.30	9.22
Fresno	290.31	296.58	304.72	38.3	37.4	37.9	7.58	7.93	8.04
Los Angeles—Long Beach	312.89	335.60	343.52	40.9	40.0	40.7	7.65	8.39	8.45
Modesto	312.84	344.46	348.25	39.7	40.1	40.4	7.88	8.59	8.62
Oxnard—Simi Valley—Ventura	280.19	313.98	319.56	40.2	40.1	40.4	6.97	7.83	7.91
Riverside—San Bernardino—Ontario	310.05	335.48	341.68	39.0	39.1	39.5	7.95	8.58	8.65
Sacramento	334.93	353.35	359.04	38.9	38.2	38.4	8.61	9.25	9.35
Salinas—Seaside—Monterey	277.97	300.57	308.47	36.1	36.7	37.3	7.70	8.19	8.27
San Diego	307.71	331.27	351.01	39.5	38.7	40.3	7.79	8.56	8.71
San Francisco—Oakland	356.78	419.10	419.89	40.2	39.5	39.5	8.92	10.61	10.63
San Jose	338.64	372.30	385.40	39.7	40.6	41.8	8.53	9.17	9.22
Santa Barbara—Santa Maria—Lompoc	285.95	303.74	312.39	39.7	38.4	39.0	7.18	7.91	8.01
Santa Rosa	285.92	303.41	303.78	38.9	38.7	38.6	7.35	7.84	7.87
Stockton	351.08	346.71	362.48	40.4	38.1	39.4	8.69	9.10	9.20
Vallejo—Fairfield—Napa	346.63	389.04	404.64	38.6	37.3	38.5	8.98	10.43	10.51
COLORADO	318.77	331.14	331.69	40.3	39.8	39.7	7.91	8.32	8.36
Denver—Boulder	316.39	333.04	335.07	40.1	39.6	39.7	7.94	8.41	8.44
CONNECTICUT	314.71	325.40	331.52	42.3	41.4	41.7	7.44	7.86	7.95
Bridgeport	330.81	344.16	342.58	43.3	42.7	42.5	7.64	8.06	8.07
Hartford	343.57	342.37	352.80	43.0	41.2	41.9	7.99	8.31	8.42
New Britain	324.94	331.06	331.23	42.2	41.8	41.3	7.70	7.92	8.02
New Haven—West Haven	297.23	304.50	308.43	42.1	39.7	39.9	7.06	7.67	7.73
Stamford	287.99	299.88	304.47	41.2	40.8	41.2	6.99	7.35	7.39
Waterbury	265.44	268.21	271.17	42.7	41.2	41.4	6.31	6.51	6.55
DELAWARE	332.42	324.18	332.02	41.5	39.2	39.2	8.01	8.27	8.47
Wilmington	379.66	372.01	370.56	41.0	39.2	38.4	9.26	9.49	9.65
DISTRICT OF COLUMBIA:									
Washington SMSA	344.25	357.11	359.83	40.5	39.2	38.9	8.50	9.11	9.25
FLORIDA	262.52	276.08	(*)	42.3	40.6	(*)	6.23	6.80	(*)
Fort Lauderdale—Hollywood	266.86	270.51	279.50	41.7	42.6	43.2	5.92	6.35	6.47
Jacksonville	301.18	324.02	341.06	41.6	42.3	42.9	7.24	7.66	7.95
Lakeland—Winter Haven	310.88	282.63	301.48	46.4	42.5	44.4	6.70	6.65	6.79
Miami	220.13	224.00	233.04	41.3	40.0	40.6	5.33	5.60	5.74
Orlando	275.14	304.83	313.48	42.2	43.3	43.6	6.52	7.04	7.19
Pensacola	344.06	350.61	362.43	44.8	43.5	44.8	7.68	8.06	8.09
Tampa—St. Petersburg	270.30	270.64	278.52	42.5	39.8	40.6	6.36	6.80	6.87
West Palm Beach—Boca Raton	294.13	287.43	(*)	43.9	40.2	(*)	6.70	7.15	(*)
GEORGIA	250.30	262.02	264.67	41.1	39.7	39.8	6.09	6.60	6.65
Atlanta	288.56	314.42	315.19	39.8	39.7	39.3	7.20	7.92	8.02
Savannah	338.57	347.33	365.59	43.8	42.1	44.1	7.73	8.25	8.29
HAWAII	288.34	298.76	298.29	40.5	38.6	39.3	7.07	7.74	7.59
Honolulu	283.20	299.49	299.53	40.0	38.2	38.9	7.08	7.84	7.70
IDAHO	302.25	325.40	315.78	38.7	37.8	38.0	7.81	8.61	8.31
Boise City	298.42	303.38	294.89	36.5	38.5	38.1	7.08	7.88	7.74

See footnotes at end of table.

C-12. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas—Continued

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P
ILLINOIS	$348.88	$367.60	$371.73	40.9	40.0	40.1	$8.53	$9.19	$9.27
Bloomington—Normal	276.74	333.52	347.76	37.6	39.1	41.4	7.36	8.53	8.40
Champaign—Urbana—Rantoul	245.74	319.37	329.73	34.4	38.9	39.3	7.26	8.21	8.39
Chicago SMSA	317.19	333.66	333.59	40.1	39.3	39.2	7.91	8.49	8.51
Davenport—Rock Island—Moline	354.29	435.07	442.34	35.0	38.4	38.7	10.11	11.33	11.43
Decatur	368.64	434.90	445.50	38.4	38.9	39.6	9.60	11.18	11.26
Kankakee	295.20	292.56	292.30	40.0	36.8	37.0	7.38	7.95	7.90
Peoria	424.91	476.08	490.52	40.2	38.8	39.4	10.57	12.27	12.46
Rockford	330.46	371.59	379.32	41.0	40.7	40.7	8.06	9.13	9.32
Springfield	342.50	411.88	410.04	40.2	40.7	40.2	8.52	10.12	10.20
INDIANA	378.64	375.71	378.60	41.7	39.3	39.5	9.08	9.56	9.59
Gary—Hammond—East Chicago	491.88	503.49	(*)	41.3	39.0	(*)	11.91	12.91	(*)
Indianapolis	383.72	379.60	(*)	42.4	40.0	(*)	9.05	9.49	(*)
IOWA	368.23	351.44	358.15	40.2	39.7	39.7	9.16	8.86	10.03
Cedar Rapids	375.05	402.52	411.23	41.7	40.7	41.0	9.09	9.89	10.03
Des Moines	374.62	354.50	414.05	35.6	37.5	39.4	9.46	10.52	10.51
Dubuque	402.48	424.24	437.10	39.0	39.1	39.7	10.32	10.85	11.01
Sioux City	325.21	252.61	252.53	40.1	38.1	37.7	8.11	7.68	7.77
Waterloo—Cedar Falls	488.27	492.16	502.71	39.6	38.3	38.7	12.33	12.85	12.99
KANSAS	322.14	339.33	344.29	42.0	40.3	40.6	7.67	8.42	8.48
Topeka	327.24	342.65	326.10	40.4	38.2	37.2	8.10	8.97	8.82
Wichita	363.34	380.05	389.51	42.2	41.4	42.2	8.61	9.18	9.23
KENTUCKY	313.24	303.16	305.10	41.0	37.8	37.9	7.64	8.02	8.05
Lexington—Fayette	301.36	319.98	317.99	39.6	39.7	39.6	7.61	8.06	8.03
Louisville	376.42	358.24	356.73	42.2	37.2	40.9	8.92	9.63	9.70
LOUISIANA	324.59	367.16	374.00	42.4	42.3	42.5	8.08	8.68	8.80
Baton Rouge	435.76	448.69	463.61	41.9	41.7	42.3	10.40	10.76	10.96
New Orleans	368.02	367.22	365.51	45.1	42.8	42.8	8.16	8.58	8.54
Shreveport	311.67	317.60	309.28	41.5	39.8	39.6	7.51	7.98	7.81
MAINE	257.58	278.40	281.07	40.5	40.0	40.5	6.36	6.96	6.94
Lewiston—Auburn	206.82	219.62	217.74	38.3	37.8	38.0	5.40	5.81	5.73
Portland	248.62	258.23	265.67	40.1	38.6	39.3	6.20	6.69	6.76
MARYLAND	329.99	338.75	343.80	41.3	39.9	40.4	7.99	8.49	8.51
Baltimore	345.87	358.75	366.61	41.8	40.4	41.1	8.37	8.88	8.92
MASSACHUSETTS	274.57	286.80	290.56	40.2	40.0	40.3	6.83	7.17	7.21
Boston	300.03	310.37	314.34	40.6	40.1	40.3	7.39	7.74	7.80
Brockton	223.44	232.26	224.64	40.7	39.3	39.0	5.49	5.91	5.76
Fall River	201.70	210.90	209.16	37.7	36.3	36.0	5.35	5.81	5.81
Lawrence—Haverhill	287.12	293.57	295.60	40.9	39.3	39.1	7.02	7.47	7.56
Lowell	251.91	266.26	273.24	40.5	40.9	41.4	6.22	6.51	6.60
New Bedford	230.06	229.40	235.01	38.6	35.9	36.1	5.96	6.39	6.51
Springfield—Chicopee—Holyoke	276.81	294.65	296.61	41.5	41.5	41.6	6.67	7.10	7.13
Worcester	270.75	294.32	294.78	39.7	39.4	39.2	6.82	7.47	7.52
MICHIGAN	432.00	429.12	437.78	42.3	39.6	40.2	10.21	10.83	10.88
Ann Arbor	464.86	475.40	474.38	43.4	41.8	41.7	10.71	11.36	11.37
Battle Creek	404.38	416.81	454.51	41.1	39.9	41.4	9.84	10.44	10.96
Bay City	368.55	379.28	378.05	44.4	40.8	40.9	8.98	9.29	9.24
Detroit	468.72	464.23	476.68	43.2	40.4	41.2	10.85	11.46	11.57
Flint	501.96	483.01	479.67	43.4	38.8	38.6	11.57	12.43	12.39
Grand Rapids	358.60	352.87	361.48	42.1	39.5	40.0	8.52	8.92	9.02
Jackson	356.48	382.13	393.34	44.8	40.7	41.8	8.85	9.38	9.41
Kalamazoo—Portage	381.87	389.76	397.40	41.4	39.3	39.7	9.22	9.91	10.01
Lansing—East Lansing	466.04	465.85	457.47	39.7	36.9	38.0	11.74	12.60	12.04
Muskegon—Norton Shores—Muskegon Heights	364.17	370.25	384.07	41.7	39.9	40.7	8.73	9.27	9.43
Saginaw	523.46	478.21	499.19	44.2	38.5	39.9	11.84	12.41	12.50
MINNESOTA	321.20	339.08	345.71	40.2	39.2	39.6	7.99	8.65	8.73
Duluth—Superior	287.34	345.93	343.87	39.2	39.9	39.8	7.33	8.67	8.64
Minneapolis—St. Paul	340.17	357.50	366.56	40.4	39.2	39.8	8.42	9.12	9.22
St. Cloud	234.30	260.61	263.17	35.5	35.7	36.4	6.60	7.30	7.23

See footnotes at end of table.

C-12. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas—Continued

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P
MISSISSIPPI	$225.54	$239.65	$241.10	40.2	39.0	38.7	$5.71	$6.15	$6.23
Jackson	264.18	260.41	270.35	41.8	39.1	40.9	6.32	6.66	6.61
MISSOURI	306.32	316.70	321.90	40.2	39.2	39.4	7.62	8.13	8.17
Kansas City	356.79	375.20	360.10	41.2	40.0	40.1	8.66	9.38	8.98
St. Joseph	293.27	287.25	297.21	39.9	38.3	38.3	7.35	7.50	7.76
St. Louis	349.61	363.66	369.74	40.7	39.4	39.8	8.59	9.23	9.29
Springfield	273.31	281.99	293.33	39.1	37.3	38.8	6.99	7.56	7.56
MONTANA	366.20	354.46	366.05	42.8	37.0	38.9	9.07	9.58	9.41
NEBRASKA	311.89	324.36	328.64	40.4	40.8	40.9	7.72	7.95	8.04
Lincoln	256.25	301.13	310.52	39.5	37.5	38.1	7.50	8.03	8.15
Omaha	309.29	348.65	352.51	39.5	40.4	40.8	7.83	8.63	8.64
NEVADA	315.67	335.63	345.25	38.9	37.5	39.1	8.12	8.95	8.83
Las Vegas	360.52	441.05	(*)	38.6	40.5	(*)	9.34	10.89	(*)
NEW HAMPSHIRE	252.76	262.55	269.34	40.9	39.6	40.2	6.18	6.63	6.70
Manchester	234.23	243.66	253.34	39.7	38.8	39.4	5.90	6.28	6.43
Nashua	283.31	295.07	313.81	41.0	39.5	41.4	6.91	7.47	7.58
NEW JERSEY	312.98	330.46	(*)	41.4	41.0	(*)	7.56	8.06	(*)
Atlantic City	233.32	253.68	(*)	36.4	36.5	(*)	6.41	6.95	(*)
Camden [1]	325.43	343.21	(*)	42.1	41.5	(*)	7.73	8.27	(*)
Hackensack [2]	283.50	299.43	(*)	42.0	41.3	(*)	6.75	7.25	(*)
Jersey City [2]	301.26	322.22	(*)	41.1	41.1	(*)	7.33	7.84	(*)
New Brunswick—Perth Amboy—Sayreville [2]	383.18	390.92	(*)	43.2	43.1	(*)	8.87	9.07	(*)
Newark [2]	319.25	349.00	(*)	41.3	41.4	(*)	7.73	8.43	(*)
Paterson—Clifton—Passaic [2]	301.04	323.88	(*)	42.7	43.3	(*)	7.05	7.48	(*)
Trenton	329.64	325.92	(*)	40.2	38.8	(*)	8.20	8.40	(*)
NEW MEXICO	245.63	268.88	272.05	40.4	39.6	39.6	6.08	6.79	6.87
Albuquerque	253.15	279.40	281.13	41.5	39.8	39.1	6.10	7.02	7.19
NEW YORK	305.92	315.20	322.34	40.2	39.4	39.6	7.61	8.00	8.14
Albany—Schenectady—Troy	326.27	330.85	342.74	41.3	40.2	40.9	7.90	8.23	8.38
Binghamton	287.31	303.68	306.08	41.7	41.6	41.7	6.89	7.30	7.34
Buffalo	402.52	412.63	418.18	41.2	40.1	40.6	9.77	10.29	10.30
Elmira	305.12	320.80	318.35	41.4	40.1	39.4	7.37	8.00	8.08
Monroe County [3]	431.42	430.14	450.84	42.8	41.6	41.9	10.08	10.34	10.76
Nassau—Suffolk [4]	292.94	307.53	315.46	40.8	40.2	40.6	7.18	7.65	7.77
New York—Northeastern New Jersey	288.80	(*)	(*)	40.0	(*)	(*)	7.22	(*)	(*)
New York and Nassau—Suffolk [4]	263.34	274.74	281.53	38.5	38.0	38.2	6.84	7.23	7.37
New York SMSA [4]	255.45	265.54	271.88	37.9	37.4	37.5	6.74	7.10	7.25
New York City [5]	250.21	263.75	267.81	37.4	37.2	37.3	6.69	7.09	7.18
Poughkeepsie	325.74	335.62	342.42	44.5	43.7	43.9	7.32	7.68	7.80
Rochester	402.05	358.40	416.66	42.5	41.2	41.5	9.46	9.67	10.04
Rockland County [3]	285.78	317.98	323.21	40.7	40.2	40.3	7.12	7.91	8.02
Syracuse	340.98	349.21	358.44	42.2	40.7	41.2	8.08	8.58	8.70
Utica—Rome	276.20	302.35	305.88	39.8	40.1	40.3	6.99	7.54	7.59
Westchester County [3]	294.40	284.11	296.06	41.7	38.5	38.6	7.06	6.86	7.67
NORTH CAROLINA	226.34	238.39	236.53	40.2	38.7	38.4	5.68	6.16	6.17
Asheville	224.62	238.80	232.41	40.4	39.8	38.8	5.56	6.00	5.99
Charlotte—Gastonia	237.84	243.54	243.32	41.8	39.6	39.5	5.69	6.15	6.16
Greensboro—Winston-Salem—High Point	252.72	266.17	260.35	40.5	38.8	38.4	6.24	6.86	6.78
Raleigh—Durham	255.69	281.69	289.58	40.2	39.9	40.5	6.46	7.06	7.16
NORTH DAKOTA	260.44	276.05	282.85	38.3	38.5	38.8	6.80	7.17	7.29
Fargo—Moorhead	274.01	291.91	307.28	36.9	39.5	39.7	7.48	7.39	7.74
OHIO	388.90	398.45	398.62	42.1	40.7	40.8	9.19	9.79	9.77
Akron	388.86	404.21	412.72	42.5	41.5	42.2	9.15	9.74	9.78
Canton	375.32	396.40	404.00	40.4	39.8	40.0	9.29	10.01	10.10
Cincinnati	362.95	370.23	372.86	42.6	41.0	41.2	8.52	9.03	9.05
Cleveland	394.03	401.64	398.58	42.6	40.5	40.8	9.32	9.82	9.73
Columbus	334.91	361.49	363.27	40.4	40.3	40.6	8.28	8.97	8.95
Dayton	401.26	415.83	416.42	43.1	41.5	41.6	9.31	10.02	10.01
Toledo	358.65	411.07	423.72	41.7	40.7	41.5	8.56	10.10	10.21
Youngstown—Warren	465.54	471.06	459.36	41.7	40.4	39.6	11.26	11.66	11.60

See footnotes at end of table.

C-12. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas—Continued

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P
OKLAHOMA	$324.66	$338.85	$342.59	41.2	43.1	40.4	$7.88	$8.45	$8.48
Oklahoma City	345.85	349.20	338.72	42.1	40.0	38.8	8.31	8.73	8.73
Tulsa	346.49	367.50	373.98	41.2	41.2	41.6	8.41	8.92	8.99
OREGON	345.80	357.93	(*)	38.0	36.9	(*)	9.10	9.70	(*)
Eugene—Springfield	370.28	376.84	(*)	39.1	37.2	(*)	9.47	10.13	(*)
Jackson County	336.42	314.17	(*)	38.1	34.6	(*)	8.83	9.08	(*)
Portland	344.51	369.90	(*)	37.9	37.9	(*)	9.09	9.76	(*)
Salem	320.01	298.49	(*)	36.2	33.5	(*)	8.84	8.91	(*)
PENNSYLVANIA	316.79	333.26	333.06	39.7	39.3	39.0	8.03	8.48	8.54
Allentown—Bethlehem—Easton	322.22	341.33	345.08	39.2	38.7	38.6	8.22	8.82	8.94
Altoona	256.25	284.36	279.37	37.3	38.9	37.6	6.87	7.31	7.43
Delaware Valley *	328.04	345.66	345.14	40.7	40.1	39.9	8.06	8.62	8.65
Erie	334.93	365.66	365.71	41.4	41.6	41.7	8.09	8.79	8.77
Harrisburg	306.53	312.03	317.46	40.6	38.2	39.0	7.55	7.96	8.14
Johnstown	323.38	321.49	314.52	37.0	36.7	35.7	8.74	8.76	8.81
Lancaster	279.89	291.69	286.89	40.8	39.1	38.1	6.86	7.46	7.53
Northeast Pennsylvania	227.54	237.54	242.45	36.7	37.0	37.3	6.20	6.42	6.50
Philadelphia SMSA	326.38	344.16	(*)	40.9	40.3	(*)	7.98	8.54	(*)
Pittsburgh	351.82	418.00	415.28	39.9	40.0	39.4	8.82	10.45	10.54
Reading	304.50	316.81	317.98	40.6	39.8	39.5	7.50	7.96	8.05
Scranton *	222.64	244.44	255.82	36.8	38.8	39.6	6.05	6.30	6.46
Wilkes Barre—Hazleton *	220.66	233.42	232.76	36.5	35.8	35.7	6.32	6.52	6.52
Williamsport	305.11	326.40	329.64	40.9	40.0	40.2	7.46	8.16	8.20
York	295.11	312.53	314.65	41.8	40.8	40.6	7.06	7.66	7.75
RHODE ISLAND	234.77	251.60	238.26	40.2	40.0	38.0	5.84	6.29	6.27
Providence—Warwick—Pawtucket	232.76	250.63	236.36	40.2	40.1	38.0	5.79	6.25	6.22
SOUTH CAROLINA	244.36	257.92	260.01	41.7	40.3	40.5	5.86	6.40	6.42
Charleston—North Charleston	283.41	282.96	295.47	42.3	39.3	40.2	6.70	7.20	7.35
Columbia	232.13	244.28	246.62	40.3	39.4	40.1	5.76	6.20	6.15
Greenville—Spartanburg	238.27	254.97	256.19	40.8	40.6	40.6	5.84	6.28	6.31
SOUTH DAKOTA	301.46	308.35	312.17	42.7	41.5	42.3	7.06	7.43	7.38
Rapid City	235.61	257.71	(*)	36.7	35.4	(*)	6.42	7.28	(*)
Sioux Falls	442.32	462.72	464.11	48.5	48.0	48.7	9.12	9.64	9.53
TENNESSEE	264.50	270.36	274.22	41.2	39.7	39.8	6.42	6.81	6.89
Chattanooga	272.85	266.59	277.38	42.5	40.7	41.9	6.42	6.56	6.62
Knoxville	295.10	300.29	304.15	41.1	39.1	39.5	7.18	7.68	7.70
Memphis	256.33	312.32	325.26	40.7	40.3	41.7	7.33	7.75	7.80
Nashville—Davidson	285.23	313.05	314.43	41.1	41.3	40.9	6.94	7.58	7.70
TEXAS	319.70	345.27	350.70	42.4	41.8	41.9	7.54	8.26	8.37
Abilene	212.16	222.04	229.15	42.1	42.7	42.2	5.04	5.20	5.43
Amarillo	254.70	321.07	330.07	42.1	40.9	40.8	7.00	7.85	8.09
Austin	242.02	268.81	267.54	41.3	42.2	42.0	5.86	6.37	6.37
Beaumont—Port Arthur—Orange	435.20	449.77	465.21	42.5	41.0	42.1	10.24	10.97	11.05
Corpus Christi	310.34	365.37	347.94	40.2	41.9	40.6	7.72	8.72	8.57
Dallas—Fort Worth	302.02	321.44	323.11	42.3	41.0	40.9	7.14	7.84	7.90
El Paso	210.98	247.15	256.83	48.9	45.6	49.3	4.85	5.42	5.25
Galveston—Texas City	446.58	481.48	487.47	42.8	41.4	41.7	10.69	11.63	11.69
Houston	406.35	431.74	428.36	45.0	44.1	43.8	9.03	9.79	9.78
Longview—Marshall	314.23	326.02	331.29	41.4	40.2	40.5	7.59	8.11	8.18
Lubbock	240.78	271.56	275.62	40.4	42.9	43.2	5.96	6.33	6.38
San Angelo	220.40	240.20	233.38	43.3	40.1	40.1	5.09	5.99	5.82
San Antonio	225.08	245.81	247.57	42.5	40.9	41.4	5.39	6.01	5.98
Sherman—Denison	273.34	256.21	256.77	39.9	39.6	39.1	8.92	7.48	7.56
Waco	266.27	287.90	289.76	48.2	42.4	42.3	6.21	6.79	6.85
Wichita Falls	287.53	314.42	315.12	40.9	41.7	41.3	7.03	7.54	7.63
UTAH	292.15	317.19	319.20	39.7	40.1	40.1	7.36	7.91	7.96
Salt Lake City—Ogden	288.94	309.50	313.07	40.3	40.3	40.5	7.12	7.68	7.73
VERMONT	274.06	277.65	283.66	41.6	39.3	39.4	6.54	7.07	7.20
Burlington	297.90	307.09	314.64	43.3	41.0	41.4	6.88	7.49	7.60
Springfield	320.73	304.10	317.99	43.4	39.7	40.1	7.39	7.66	7.93

See footnotes at end of table

C-12. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas—Continued

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P
VIRGINIA	$262.76	$280.76	$282.27	40.3	39.6	39.7	$6.52	$7.09	$7.11
Bristol	208.32	228.65	226.26	37.4	37.3	37.5	5.57	6.13	5.97
Lynchburg	262.22	287.75	278.10	41.1	40.7	39.9	6.38	7.07	6.97
Norfolk—Virginia Beach—Portsmouth	307.22	303.96	317.68	42.2	40.8	41.8	7.28	7.45	7.60
Northern Virginia [1]	280.78	303.56	310.18	40.4	40.1	40.6	6.95	7.57	7.64
Petersburgh—Colonial Heights—Hopewell	313.75	343.09	357.20	40.8	39.3	41.2	7.69	8.73	8.67
Richmond	344.61	363.80	371.01	40.4	41.2	41.5	8.53	8.83	8.94
Roanoke	260.20	264.80	269.20	41.9	39.7	40.0	6.21	6.67	6.73
WASHINGTON	350.39	417.96	425.71	39.0	38.7	39.2	10.01	10.80	10.86
Seattle—Everett	404.71	444.31	(*)	39.6	39.6	(*)	10.22	11.22	(*)
Spokane	330.59	376.94	(*)	35.1	37.1	(*)	9.43	10.16	(*)
Tacoma	375.82	422.55	457.47	38.6	38.7	41.4	9.84	10.93	11.05
WEST VIRGINIA	334.27	362.21	355.35	39.7	39.2	39.4	8.42	9.24	9.02
Charleston	375.91	438.69	421.31	41.4	41.9	42.3	9.08	10.47	9.96
Huntington—Ashland	404.34	418.03	410.65	41.9	39.4	39.6	9.65	10.61	10.37
Parkersburg—Marietta	357.70	408.36	400.58	41.4	41.5	41.0	8.64	9.84	9.78
Wheeling	388.49	411.13	432.28	40.3	39.8	40.1	9.64	10.33	10.78
WISCONSIN	345.50	366.73	372.27	41.1	40.2	40.4	8.50	9.12	9.21
Appleton—Oshkosh	346.37	361.92	369.36	42.7	41.7	42.1	8.11	8.68	8.77
Eau Claire	332.85	359.72	346.45	41.4	41.2	40.7	8.03	8.74	8.50
Green Bay	365.12	388.54	392.85	42.8	41.6	41.4	8.54	9.34	9.48
Janeville—Beloit	411.91	365.68	375.70	42.2	40.0	40.5	9.76	9.15	9.27
Kenosha	381.45	408.52	435.77	40.0	38.5	39.7	9.55	10.62	10.98
La Crosse	300.92	326.60	329.30	40.0	39.7	39.3	7.53	8.23	8.38
Madison	329.94	337.16	345.36	39.5	38.0	38.4	8.36	8.88	9.00
Milwaukee	384.42	405.17	410.92	41.2	40.3	40.5	9.33	10.06	10.15
Racine	366.17	391.90	392.13	41.1	40.1	40.1	8.90	9.77	9.78
WYOMING	275.97	313.95	317.18	39.6	39.0	40.2	7.07	8.05	7.89
VIRGIN ISLAND	333.80	394.62	397.95	42.2	42.6	43.5	7.91	9.22	9.14

[1] Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.

[2] Subarea of New York—Northeastern New Jersey.

[3] Subarea of Rochester Standard Metropolitan Statistical Area.

[4] Area included in New York and Nassau-Suffolk combined SMSA's.

[5] Subarea of New York Standard Metropolitan Statistical Area.

[6] Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pennsylvania.

[7] Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Lackawanna County.

[8] Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Luzerne County.

[9] Subarea of Washington, D.C. Standard Metropolitan Statistical Area: Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park cities and Arlington, Fairfax, Loudoun, and Prince William Counties, Virginia.

p = preliminary.

*Not available.

SOURCE: Cooperating State agencies listed on inside back cover.

D-1. Labor turnover rates in manufacturing, 1971 to date

(Per 100 employees)

Year	Annual average	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total accessions													
1971	3.9	3.5	3.1	3.5	3.6	4.0	4.9	4.0	5.3	4.8	3.9	3.3	2.5
1972	4.5	4.1	3.7	4.0	4.1	4.9	5.4	4.7	6.1	5.4	4.8	3.7	2.7
1973	4.8	4.7	4.1	4.5	4.6	5.4	5.9	5.2	6.3	5.8	5.2	3.8	2.6
1974	4.2	4.2	3.7	4.1	4.5	5.1	5.4	4.9	5.5	4.9	3.8	2.4	1.8
1975	3.7	2.9	2.7	3.2	3.7	4.0	4.5	4.6	5.2	4.6	3.7	2.8	2.2
1976	3.9	3.9	3.5	4.2	3.9	4.5	4.8	4.2	5.1	4.4	3.5	2.9	2.2
1977	4.0	3.7	3.7	4.0	3.8	4.6	4.9	4.3	5.3	4.6	3.9	3.1	2.4
1978	4.1	3.8	3.2	3.8	4.0	4.7	4.9	4.4	5.4	4.9	4.3	3.3	2.4
1979	4.0	4.0	3.4	3.8	3.9	4.7	4.8	4.3	5.0	4.5	4.1	3.0	2.2
1980	3.5	3.8	3.3	3.5	3.1	3.4	3.9	3.8	4.5	4.3	3.6	2.7	2.2
1981	P3.2	3.4	3.0	3.4	3.3	3.5	4.0	3.6	4.0	3.5	2.8	2.4	P1.7
New hires													
1971	2.6	2.0	1.9	2.2	2.3	2.7	3.5	2.7	3.4	3.4	2.7	2.2	1.6
1972	3.3	2.6	2.5	2.8	2.9	3.7	4.2	3.5	4.5	4.3	3.9	2.9	2.1
1973	3.9	3.5	3.2	3.5	3.7	4.5	5.0	4.1	5.1	4.8	4.4	3.1	2.0
1974	3.2	3.2	2.8	3.1	3.3	4.0	4.3	3.7	4.2	3.9	2.9	1.7	1.0
1975	2.0	1.3	1.2	1.3	1.6	2.0	2.5	2.6	3.1	3.1	2.5	1.8	1.3
1976	2.6	2.1	2.1	2.7	2.6	3.1	3.6	2.9	3.6	3.2	2.5	1.9	1.3
1977	2.8	2.2	2.1	2.6	2.7	3.5	3.7	3.0	4.0	3.5	3.0	2.2	1.6
1978	3.1	2.5	2.2	2.7	2.9	3.6	3.9	3.3	4.2	3.9	3.5	2.6	1.7
1979	2.9	2.8	2.5	2.8	2.9	3.6	3.8	3.1	3.7	3.4	3.1	2.2	1.5
1980	2.1	2.4	2.2	2.3	2.0	2.1	2.4	2.1	2.5	2.6	2.2	1.6	1.2
1981	P2.0	1.8	1.8	2.0	2.0	2.3	2.8	2.4	2.7	2.3	1.8	1.3	P.8
Recalls													
1976	1.0	1.4	1.0	1.2	1.0	1.0	0.9	1.1	1.1	0.8	0.7	0.7	0.7
1977	.9	1.2	1.3	1.1	.9	.8	.8	.9	1.0	.8	.6	.6	.6
1978	.7	1.0	.7	.8	.8	.8	.7	.8	.9	.7	.6	.5	.5
1979	.7	.9	.7	.7	.7	.8	.7	.9	.9	.8	.7	.6	.5
1980	1.1	1.1	.9	.9	.8	1.0	1.2	1.5	1.7	1.4	1.1	.9	.8
1981	P1.0	1.3	1.0	1.1	1.1	1.0	.9	1.0	1.0	.9	.8	.9	P.7
Total separations													
1971	4.2	4.2	3.5	3.7	3.9	3.7	3.8	4.8	5.5	5.3	4.3	3.7	3.8
1972	4.3	4.1	3.5	3.9	3.8	3.9	4.2	4.8	5.5	5.5	4.4	3.8	3.7
1973	4.7	4.3	3.8	4.3	4.2	4.4	4.5	5.2	6.5	5.8	5.0	4.2	4.0
1974	4.9	5.0	4.1	4.4	4.3	4.4	4.2	4.9	6.2	5.5	5.1	5.0	5.2
1975	4.2	6.1	4.5	4.2	4.0	3.9	3.7	4.4	4.7	4.4	4.1	3.9	3.4
1976	3.8	3.7	3.0	3.5	3.6	3.4	3.6	4.3	4.9	4.7	4.1	3.4	3.5
1977	3.8	3.9	3.4	3.4	3.4	3.5	3.5	4.3	5.1	4.9	3.8	3.4	3.4
1978	3.9	3.6	3.1	3.5	3.6	3.7	3.8	4.1	5.3	4.9	4.1	3.5	3.4
1979	4.0	3.8	3.2	3.6	3.7	3.8	3.9	4.3	5.7	4.7	4.2	3.8	3.5
1980	4.0	4.1	3.5	3.7	4.7	4.8	4.4	4.2	4.8	4.1	3.8	3.0	3.1
1981	P3.6	3.6	3.1	3.2	3.1	3.1	3.2	3.6	4.4	4.1	4.2	4.1	P4.0
Quits													
1971	1.8	1.5	1.3	1.5	1.6	1.7	1.8	1.8	2.8	2.9	2.0	1.5	1.2
1972	2.3	1.7	1.6	1.9	2.0	2.2	2.2	2.2	3.6	3.5	2.5	2.0	1.6
1973	2.8	2.3	2.1	2.5	2.5	2.8	2.8	2.8	4.6	4.0	3.1	2.3	1.6
1974	2.4	2.2	2.0	2.3	2.4	2.7	2.5	2.6	4.0	3.3	2.2	1.4	1.0
1975	1.4	1.1	.9	1.0	1.1	1.3	1.4	1.5	2.5	2.1	1.6	1.2	.9
1976	1.7	1.3	1.2	1.6	1.7	1.7	1.8	1.9	2.8	2.5	1.7	1.2	1.0
1977	1.8	1.4	1.3	1.6	1.7	1.9	1.9	1.9	3.1	2.8	1.9	1.5	1.2
1978	2.1	1.5	1.4	1.8	2.0	2.1	2.2	2.1	3.5	3.1	2.3	1.7	1.3
1979	2.0	1.8	1.6	1.9	2.0	2.1	2.1	2.0	3.3	2.7	2.1	1.6	1.1
1980	1.5	1.6	1.5	1.6	1.5	1.5	1.4	1.4	2.2	1.9	1.4	1.1	.9
1981	P1.3	1.2	1.1	1.2	1.3	1.3	1.4	1.5	2.1	1.8	1.3	.9	P.7
Layoffs													
1971	1.6	1.9	1.4	1.4	1.4	1.2	1.2	2.1	1.8	1.5	1.5	1.5	1.8
1972	1.1	1.5	1.1	1.1	1.0	.9	1.1	1.7	.9	.9	1.0	1.0	1.3
1973	.9	1.1	.8	.8	.7	.7	.7	1.4	.8	.8	.8	1.1	1.6
1974	1.5	1.8	1.3	1.1	.9	.8	.8	1.4	1.1	1.2	1.8	2.8	3.6
1975	2.1	4.0	2.9	2.5	2.1	1.8	1.6	2.0	1.3	1.5	1.6	1.7	1.9
1976	1.3	1.6	1.0	1.1	1.1	.9	.9	1.6	1.1	1.3	1.5	1.5	1.8
1977	1.1	1.7	1.4	1.0	.9	.8	.8	1.5	1.0	1.1	1.1	1.1	1.5
1978	.9	1.2	.9	.9	.8	.7	.7	1.1	.8	.8	.9	1.0	1.4
1979	1.1	1.1	.8	.8	.9	.7	.9	1.4	1.3	1.1	1.2	1.5	1.7
1980	1.7	1.6	1.2	1.3	2.3	2.5	2.2	2.0	1.7	1.4	1.5	1.4	1.6
1981	P1.6	1.6	1.2	1.2	1.0	1.0	1.1	1.3	1.3	1.5	2.2	2.6	P2.7

P = preliminary.

NOTE: The data that appeared in this table last month was seasonally adjusted. This table will be discontinued after the March issue. See page 4 in this issue.

ESTABLISHMENT DATA
LABOR TURNOVER

D-2. Labor turnover rates, by industry

(Per 100 employees)

1972 SIC Code	Industry	Accession rates						Separation rates					
		Total		New hires		Recalls		Total		Quits		Layoffs	
		NOV. 1981	DEC. 1981P	NOV. 1981	DEC. 1981P	NOV. 1981	DEC. 1981P	NOV. 1981	DEC. 1981P	NOV. 1981	DEC. 1981P	NOV. 1981	DEC. 1981P
	MANUFACTURING	2.4	1.7	1.3	0.8	0.9	0.7	4.1	4.0	0.9	0.7	2.6	2.7
24, 25, 32, 39	DURABLE GOODS	2.1	1.5	1.0	.7	.9	.6	4.2	3.9	.7	.5	2.8	2.8
20-23, 26, 31	NONDURABLE GOODS	2.7	2.0	1.6	1.1	.9	.8	4.0	4.1	1.2	.9	2.2	2.6
	DURABLE GOODS												
24	LUMBER AND WOOD PRODUCTS	2.8	2.6	1.3	.8	1.4	1.6	7.6	5.9	1.3	1.0	5.5	4.1
242	Sawmills and planing mills	2.7	–	1.2	–	1.4	–	6.4	–	1.1	–	4.4	–
2421	Sawmills and planing mills, general	2.6	–	1.1	–	1.4	–	6.6	–	1.0	–	4.8	–
243	Millwork, plywood, and structural members	2.6	–	1.0	–	1.5	–	7.9	–	1.1	–	6.1	–
2431	Millwork	1.8	–	.9	–	.9	–	7.3	–	1.0	–	5.8	–
244	Wood containers	3.5	–	2.2	–	1.2	–	7.2	–	2.9	–	3.3	–
245	Wood buildings and mobile homes	4.1	–	2.1	–	2.0	–	11.0	–	2.6	–	7.4	–
2451	Mobile homes	4.7	–	2.5	–	2.1	–	12.0	–	3.0	–	7.8	–
249	Miscellaneous wood products	2.8	–	1.3	–	1.3	–	4.9	–	1.1	–	3.0	–
25	FURNITURE AND FIXTURES	2.3	1.6	1.5	.8	.7	.7	4.5	3.9	1.2	.8	2.7	2.5
251	Household furniture	2.4	–	1.5	–	.7	–	4.5	–	1.3	–	2.5	–
2511	Wood household furniture	2.4	–	1.7	–	.7	–	5.0	–	1.5	–	2.8	–
2512	Upholstered household furniture	1.9	–	1.3	–	.4	–	3.0	–	1.1	–	1.4	–
2515	Mattresses and bedsprings	1.4	–	1.0	–	.4	–	5.2	–	1.3	–	3.1	–
252	Office furniture	1.4	–	1.1	–	.2	–	2.0	–	.7	–	.9	–
254	Partitions and fixtures	2.6	–	1.3	–	1.1	–	6.7	–	1.1	–	5.0	–
32	STONE, CLAY, AND GLASS PRODUCTS	2.0	1.4	.9	.6	1.0	.7	4.8	6.4	.7	.6	3.5	5.3
322	Glass and glassware, pressed or blown	1.5	–	.5	–	.7	–	4.3	–	.4	–	3.1	–
3221	Glass containers	1.6	–	.5	–	.9	–	4.3	–	.4	–	3.4	–
3229	Pressed and blown glass, nec	1.4	–	.5	–	.5	–	4.2	–	.4	–	2.7	–
323	Products of purchased glass	2.3	–	.6	–	1.5	–	5.3	–	.5	–	4.1	–
324	Cement, hydraulic	.9	–	.3	–	.6	–	3.7	–	.2	–	2.4	–
325	Structural clay products	2.7	–	1.1	–	1.5	–	8.4	–	1.3	–	6.4	–
326	Pottery and related products	2.0	–	.8	–	1.1	–	3.3	–	.8	–	1.9	–
327	Concrete, gypsum, and plaster products	2.4	–	1.5	–	.8	–	5.3	–	1.0	–	3.7	–
329	Misc. nonmetallic mineral products	1.9	–	.6	–	1.2	–	3.6	–	.5	–	2.6	–
33	PRIMARY METAL INDUSTRIES	2.7	1.6	.4	.3	2.1	1.2	5.4	5.0	.3	.3	4.4	4.3
331	Blast furnace and basic steel products	4.0	–	.2	–	3.5	–	6.6	–	.1	–	5.8	–
3312	Blast furnaces and steel mills	4.4	–	.1	–	3.9	–	7.2	–	.1	–	6.4	–
332	Iron and steel foundries	2.2	–	.6	–	1.4	–	5.5	–	.6	–	4.2	–
3321	Gray iron foundries	1.8	–	.6	–	1.0	–	6.3	–	.6	–	5.0	–
3325	Steel foundries, nec	2.3	–	.8	–	1.2	–	4.5	–	.7	–	3.2	–
333	Primary nonferrous metals	.5	–	.2	–	.2	–	4.5	–	.1	–	4.0	–
335	Nonferrous rolling and drawing	1.5	–	.5	–	.8	–	2.8	–	.3	–	1.9	–
3351	Copper rolling and drawing	.8	–	.4	–	.4	–	3.7	–	.3	–	2.9	–
3353	Aluminum sheet, plate, and foil	.8	–	.1	–	.6	–	1.8	–	.1	–	1.4	–
3357	Nonferrous wire drawing and insulating	2.1	–	.7	–	1.3	–	2.2	–	.4	–	1.4	–
336	Nonferrous foundries	2.1	–	.9	–	1.2	–	5.5	–	.7	–	4.3	–
3361	Aluminum foundries	2.5	–	.8	–	1.7	–	5.7	–	.7	–	4.4	–
34	FABRICATED METAL PRODUCTS	2.1	1.5	1.1	.6	.8	.6	4.7	4.4	.7	.6	3.2	3.3
341	Metal cans and shipping containers	3.5	–	.3	–	2.7	–	6.3	–	.2	–	5.1	–
3411	Metal cans	3.8	–	.2	–	3.0	–	7.1	–	.2	–	5.8	–
342	Cutlery, hand tools, and hardware	1.7	–	.7	–	.7	–	4.1	–	.6	–	2.9	–
3423, 5	Hand and edge tools, and hand saws and blades	1.3	–	.6	–	.6	–	3.3	–	.6	–	2.1	–
3429	Hardware, nec	2.0	–	.7	–	.8	–	5.0	–	.6	–	3.8	–
343	Plumbing and heating, except electric	1.5	–	1.0	–	.4	–	4.8	–	.7	–	2.9	–
344	Fabricated structural metal products	2.2	–	1.5	–	.6	–	3.9	–	.9	–	2.4	–
3441	Fabricated structural metal	3.2	–	2.1	–	1.0	–	4.9	–	1.1	–	2.9	–
3442	Metal doors, sash, and trim	1.8	–	1.4	–	.3	–	4.3	–	1.0	–	2.6	–
3443	Fabricated plate work (boiler shops)	1.4	–	.9	–	.4	–	2.9	–	.5	–	1.8	–
3444	Sheet metal work	2.4	–	1.7	–	.7	–	4.0	–	.9	–	2.5	–
345	Screw machine products, bolts, etc.	1.7	–	1.1	–	.5	–	4.9	–	.8	–	3.3	–
3451	Screw machine products	1.8	–	1.4	–	.4	–	6.4	–	1.0	–	4.8	–
3452	Bolts, nuts, rivets, and washers	1.6	–	.8	–	.6	–	3.5	–	.6	–	1.8	–
346	Metal forgings and stampings	2.3	–	.7	–	1.1	–	7.3	–	.5	–	6.1	–
3462	Iron and steel forgings	1.1	–	.5	–	.6	–	3.6	–	.3	–	2.9	–
3465	Automotive stampings	3.2	–	.4	–	1.7	–	12.9	–	.4	–	11.9	–
3469	Metal stampings, nec	2.2	–	1.2	–	.9	–	4.5	–	.7	–	3.0	–
347	Metal services, nec	2.9	–	1.5	–	1.4	–	6.9	–	1.5	–	4.7	–
348	Ordnance and accessories, nec	1.5	–	.9	–	.5	–	1.6	–	.3	–	.8	–
349	Misc. fabricated metal products	1.6	–	1.0	–	.5	–	3.1	–	.6	–	1.9	–
3494	Valves and pipe fittings	1.1	–	.7	–	.3	–	1.8	–	.5	–	.9	–
3496	Misc. fabricated wire products	2.4	–	1.1	–	1.2	–	5.0	–	.8	–	3.5	–

See footnotes at end of table.

D-2. Labor turnover rates, by industry—Continued

(Per 100 employees)

1972 SIC Code	Industry	Accession rates						Separation rates					
		Total		New hires		Recalls		Total		Quits		Layoffs	
		NOV. 1981	DEC. 1981P	NOV. 1981	DEC. 1981P	NOV. 1981	DEC. 1981P	NOV. 1981	DEC. 1981P	NOV. 1981	DEC. 1981P	NOV. 1981	DEC. 1981P
35	**MACHINERY, EXCEPT ELECTRICAL**	1.7	1.2	1.1	0.7	0.4	0.3	2.7	2.3	0.6	0.4	1.6	1.4
351	Engines and turbines	1.7	–	.4	–	.7	–	3.1	–	.2	–	2.2	–
3511	Turbines and turbine generator sets	1.4	–	.6	–	(1)	–	1.7	–	.2	–	.7	–
3519	Internal combustion engines, nec	1.9	–	.3	–	1.0	–	3.7	–	.2	–	2.8	–
352	Farm and garden machinery	1.7	–	.5	–	1.0	–	3.4	–	.4	–	2.4	–
3523	Farm machinery and equipment	1.3	–	.3	–	.7	–	3.8	–	.3	–	2.8	–
353	Construction and related machinery	1.5	–	1.1	–	.3	–	2.5	–	.6	–	1.4	–
3531	Construction machinery	.8	–	.3	–	.4	–	2.4	–	.3	–	1.8	–
3533	Oil field machinery	2.7	–	2.5	–	(1)	–	1.9	–	1.0	–	.4	–
354	Metalworking machinery	1.6	–	1.0	–	.4	–	2.7	–	.6	–	1.6	–
3541	Machine tools, metal cutting types	.8	–	.6	–	.1	–	2.4	–	.4	–	1.7	–
3544	Special dies, tools, jigs, and fixtures	2.2	–	1.2	–	.7	–	3.0	–	.9	–	1.5	–
3545	Machine tool accessories	1.6	–	1.0	–	.4	–	2.3	–	.7	–	1.2	–
355	Special industry machinery	1.5	–	1.0	–	.4	–	2.3	–	.5	–	1.6	–
3551	Food products machinery	1.7	–	1.3	–	.4	–	2.1	–	.5	–	1.2	–
3552	Textile machinery	1.9	–	1.0	–	.7	–	2.6	–	.5	–	1.8	–
356	General industrial machinery	1.5	–	.9	–	.4	–	2.4	–	.5	–	1.5	–
3561	Pumps and pumping equipment	1.6	–	.9	–	.2	–	1.7	–	.5	–	.9	–
3562	Ball and roller bearings	1.4	–	.5	–	.5	–	2.5	–	.3	–	1.7	–
3564	Blowers and fans	1.4	–	1.0	–	.3	–	3.1	–	.7	–	2.0	–
357	Office and computing machines	1.9	–	1.5	–	.2	–	1.3	–	.7	–	.2	–
3573	Electronic computing equipment	2.0	–	1.7	–	.2	–	1.1	–	.7	–	.1	–
358	Refrigeration and service machinery	1.8	–	.8	–	.7	–	3.1	–	.5	–	1.8	–
3585	Refrigeration and heating equipment	1.7	–	.7	–	.6	–	3.2	–	.4	–	2.0	–
359	Misc. machinery, except electrical	1.9	–	1.4	–	.4	–	5.0	–	.9	–	3.4	–
36	**ELECTRIC AND ELECTRONIC EQUIPMENT**	2.1	1.5	1.2	.8	.5	.4	3.4	3.4	.7	.6	2.0	2.0
361	Electric distributing equipment	1.5	–	1.0	–	.2	–	2.9	–	.7	–	1.6	–
3612	Transformers	1.8	–	1.2	–	.2	–	3.0	–	.7	–	1.8	–
3613	Switchgear and switchboard apparatus	1.2	–	.8	–	.1	–	2.9	–	.6	–	1.5	–
362	Electrical industrial apparatus	1.6	–	.7	–	.4	–	2.6	–	.5	–	1.6	–
3621	Motors and generators	2.0	–	.7	–	.6	–	2.6	–	.5	–	1.8	–
3622	Industrial controls	1.3	–	.7	–	.2	–	2.5	–	.5	–	1.9	–
363	Household appliances	3.5	–	.6	–	2.1	–	11.8	–	.5	–	10.0	–
3632	Household refrigerators and freezers	8.0	–	.1	–	6.3	–	25.2	–	.3	–	23.3	–
3633	Household laundry equipment	1.4	–	.2	–	.0	–	22.1	–	.1	–	20.7	–
3634	Electric housewares and fans	2.4	–	1.0	–	1.0	–	3.8	–	.9	–	2.0	–
364	Electric lighting and wiring equipment	1.9	–	1.2	–	.5	–	3.6	–	.7	–	2.3	–
3641	Electric lamps	1.4	–	.4	–	.5	–	1.1	–	.3	–	.1	–
3643	Current-carrying wiring devices	1.8	–	1.3	–	.2	–	3.0	–	.7	–	1.7	–
365	Radio and TV receiving equipment	3.1	–	1.1	–	.7	–	5.7	–	.8	–	3.8	–
3651	Radio and TV receiving sets	2.8	–	1.1	–	.5	–	5.5	–	.7	–	3.8	–
366	Communication equipment	1.6	–	1.1	–	.1	–	1.3	–	.5	–	.2	–
3661	Telephone and telegraph apparatus	.6	–	.4	–	.1	–	.8	–	.2	–	.2	–
3662	Radio and TV communication equipment	2.0	–	1.4	–	.1	–	1.5	–	.6	–	.2	–
367	Electronic components and accessories	2.1	–	1.6	–	.3	–	2.4	–	1.0	–	.7	–
3671,3	Electronic tubes	1.9	–	.6	–	.6	–	2.1	–	.4	–	1.1	–
3674	Semiconductors and related devices	1.7	–	1.2	–	.3	–	1.9	–	.8	–	.2	–
3679	Electronic components, nec	2.4	–	2.0	–	.2	–	2.7	–	1.2	–	.8	–
369	Misc. electrical equipment and supplies	3.2	–	1.1	–	1.9	–	6.3	–	.7	–	4.9	–
3694	Engine electrical equipment	4.6	–	.9	–	3.3	–	10.1	–	.7	–	8.4	–
37	**TRANSPORTATION EQUIPMENT**	2.3	–	.8	–	1.2	–	4.9	–	.5	–	3.7	–
371	Motor vehicles and equipment	2.9	–	.3	–	2.0	–	7.6	–	.4	–	6.4	–
3711	Motor vehicles and car bodies	4.0	–	.1	–	3.3	–	9.9	–	.4	–	8.6	–
3713	Truck and bus bodies	2.4	–	.8	–	.3	–	11.0	–	1.6	–	9.0	–
3714	Motor vehicle parts and accessories	2.0	–	.4	–	1.1	–	5.5	–	.4	–	4.6	–
3715	Truck trailers	2.4	–	1.2	–	1.0	–	4.7	–	.8	–	3.2	–
372	Aircraft and parts	1.1	–	.7	–	.1	–	1.7	–	.4	–	.9	–
3721	Aircraft	.8	–	.6	–	.1	–	1.6	–	.3	–	1.1	–
3724	Aircraft engines and engine parts	.9	–	.5	–	.1	–	1.5	–	.4	–	.7	–
3728	Aircraft equipment, nec	1.9	–	1.6	–	.2	–	2.0	–	.6	–	.9	–
373	Ship and boat building and repairing	4.9	–	2.1	–	2.7	–	8.1	–	1.1	–	6.2	–
3731	Ship building and repairing	5.4	–	2.1	–	3.2	–	8.4	–	.8	–	6.9	–
3732	Boat building and repairing	3.2	–	2.3	–	.8	–	7.0	–	1.9	–	3.7	–
374	Railroad equipment	2.5	–	.3	–	1.9	–	2.8	–	.1	–	1.8	–
376	Guided missiles, space vehicles, parts	1.3	–	1.0	–	.1	–	1.1	–	.4	–	.3	–
3761	Guided missiles and space vehicles	1.3	–	1.0	–	(1)	–	.9	–	.4	–	.1	–
379	Miscellaneous transportation equipment	2.1	–	1.5	–	.5	–	4.1	–	1.1	–	2.4	–
38	**INSTRUMENTS AND RELATED PRODUCTS**	1.6	1.0	1.2	.8	.2	.1	1.9	1.9	.7	.6	.7	.8
381	Engineering and scientific instruments	1.7	–	1.4	–	.1	–	1.6	–	.7	–	.6	–
382	Measuring and controlling devices	1.5	–	1.1	–	.1	–	2.2	–	.8	–	.8	–
3822	Environmental controls	1.1	–	.6	–	.3	–	2.6	–	.5	–	1.5	–
3823	Process control instruments	1.5	–	1.2	–	.1	–	1.9	–	.7	–	.9	–
3825	Instruments to measure electricity	1.5	–	1.1	–	(1)	–	1.8	–	.9	–	.7	–

See footnotes at end of table.

D-2. Labor turnover rates, by industry—Continued

(Per 100 employees)

1972 SIC Code	Industry	Accession rates						Separation rates					
		Total		New hires		Recalls		Total		Quits		Layoffs	
		NOV. 1981	DEC. 1981P	NOV. 1981	DEC. 1981P	NOV. 1981	DEC. 1981P	NOV. 1981	DEC. 1981P	NOV. 1981	DEC. 1981P	NOV. 1981	DEC. 1981P
	INSTRUMENTS AND RELATED PRODUCTS—Con'd												
383	Optical instruments and lenses	1.6	-	1.3	-	0.1	-	1.6	-	0.7	-	0.4	-
384	Medical instruments and supplies	1.8	-	1.2	-	.4	-	1.7	-	.7	-	.5	-
3841	Surgical and medical instruments	2.2	-	1.5	-	.4	-	1.6	-	.8	-	.4	-
3842	Surgical appliances and supplies	1.6	-	1.0	-	.5	-	1.9	-	.7	-	.8	-
385	Ophthalmic goods	2.1	-	1.7	-	.2	-	2.3	-	1.0	-	.8	-
386	Photographic equipment and supplies	1.4	-	1.3	-	(1)	-	1.3	-	.4	-	.2	-
387	Watches, clocks, and watchbands	1.6	-	.9	-	.5	-	6.8	-	.7	-	4.9	-
39	MISCELLANEOUS MANUFACTURING INDUSTRIES	3.0	2.1	2.0	1.2	.8	.8	6.1	6.8	1.3	.9	3.9	5.3
391	Jewelry, silverware, and plated ware	3.5	-	2.9	-	.5	-	2.9	-	1.2	-	1.1	-
393	Musical instruments	1.6	-	1.2	-	.3	-	5.6	-	.8	-	4.3	-
394	Toys and sporting goods	3.0	-	1.8	-	.8	-	10.8	-	1.8	-	7.9	-
3942,4	Dolls, games, toys, and children's vehicles	2.3	-	1.4	-	.5	-	16.8	-	1.7	-	13.5	-
3949	Sporting and athletic goods, nec	3.8	-	2.2	-	1.1	-	4.2	-	1.8	-	1.5	-
395	Pens, pencils, office and art supplies	1.9	-	1.4	-	.4	-	2.9	-	.7	-	1.1	-
396	Costume jewelry and notions	3.8	-	3.1	-	.6	-	6.1	-	1.9			
399	Miscellaneous manufactures	3.1	-	1.8	-	1.1	-	4.6	-	1.1	-	2.8	-
	NONDURABLE GOODS												
20	FOOD AND KINDRED PRODUCTS	3.7	3.0	2.0	1.5	1.5	1.3	5.9	5.6	1.4	1.1	3.8	3.8
201	Meat products	4.3	-	2.9	-	1.1	-	4.3	-	2.2	-	1.3	-
2011	Meat packing plants	3.7	-	2.0	-	1.3	-	3.5	-	1.3	-	1.5	-
2013	Sausages and other prepared meats	4.5	-	2.4	-	2.0	-	3.9	-	1.0	-	2.2	-
2016	Poultry dressing plants	5.0	-	4.3	-	.4	-	5.5	-	4.0	-	.5	-
202	Dairy products	2.3	-	1.2	-	.9	-	2.6	-	.8	-	1.4	-
203	Preserved fruits and vegetables	6.0	-	2.4	-	3.4	-	15.8	-	2.0	-	12.9	-
204	Grain mill products	2.4	-	1.5	-	.7	-	3.9	-	1.0	-	2.3	-
205	Bakery products	1.9	-	1.3	-	.5	-	2.5	-	.9	-	1.2	-
2051	Bread, cake, and related products	1.8	-	1.5	-	.3	-	1.9	-	1.0	-	.5	-
2052	Cookies and crackers	2.2	-	.8	-	1.3	-	4.9	-	.6	-	3.9	-
206	Sugar and confectionery products	3.8	-	1.8	-	1.7	-	6.3	-	1.1	-	4.5	-
207	Fats and oils	3.7	-	3.1	-	.5	-	3.7	-	1.1	-	1.9	-
208	Beverages	3.5	-	1.5	-	1.9	-	4.9	-	.9	-	3.3	-
2082	Malt beverages	6.7	-	.6	-	5.9	-	5.8	-	.2	-	5.1	-
2086	Bottled and canned soft drinks	2.6	-	1.8	-	.6	-	2.7	-	1.2	-	.7	-
209	Misc. foods and kindred products	4.3	-	2.3	-	1.7	-	6.2	-	1.5	-	4.1	-
21	TOBACCO MANUFACTURES	4.4	-	1.1	-	2.7	-	6.5	-	.4	-	5.3	-
211	Cigarettes	1.5	-	.3	-	.3	-	1.0	-	.1	-	.1	-
22	TEXTILE MILL PRODUCTS	2.4	1.6	1.4	.8	.8	.7	3.7	3.6	1.1	.8	1.9	2.3
221	Weaving mills, cotton	2.5	-	1.2	-	.9	-	2.7	-	1.0	-	1.0	-
222	Weaving mills, synthetics	2.8	-	1.4	-	1.2	-	3.4	-	1.0	-	1.7	-
223	Weaving and finishing mills, wool	3.4	-	2.0	-	1.3	-	3.1	-	1.2	-	1.1	-
224	Narrow fabric mills	2.6	-	1.9	-	.7	-	3.1	-	1.0	-	1.5	-
225	Knitting mills	2.4	-	1.5	-	.7	-	3.7	-	1.2	-	1.9	-
2251	Women's hosiery, except socks	2.3	-	2.0	-	.2	-	2.1	-	1.3	-	.3	-
2252	Hosiery, nec	2.9	-	2.0	-	.7	-	3.4	-	1.5	-	1.3	-
2253	Knit outerwear mills	2.2	-	1.7	-	.5	-	2.9	-	1.2	-	1.2	-
2254	Knit underwear mills	1.7	-	1.3	-	.2	-	3.1	-	1.2	-	1.1	-
2257	Circular knit fabric mills	2.1	-	.8	-	1.1	-	7.4	-	1.4	-	5.4	-
226	Textile finishing, except wool	1.8	-	1.1	-	.5	-	3.1	-	1.0	-	1.5	-
227	Floor covering mills	1.4	-	1.0	-	.2	-	4.0	-	1.0	-	2.2	-
228	Yarn and thread mills	2.3	-	1.7	-	.5	-	3.6	-	1.6	-	1.3	-
229	Miscellaneous textile goods	3.0	-	1.3	-	1.5	-	7.2	-	.9	-	5.4	-
23	APPAREL AND OTHER TEXTILE PRODUCTS	3.4	2.6	2.3	1.2	1.3	1.2	5.6	5.9	1.8	1.2	3.1	4.0
231	Men's and boys' suits and coats	3.4	-	2.2	-	.8	-	2.5	-	1.3	-	.7	-
232	Men's and boys' furnishings	3.2	-	2.2	-	.9	-	4.8	-	2.0	-	2.1	-
2321	Men's and boys' shirts and nightwear	3.5	-	1.7	-	1.6	-	4.6	-	1.8	-	2.2	-
2327	Men's and boys' separate trousers	3.3	-	2.9	-	.3	-	3.2	-	2.1	-	.6	-
2329	Men's and boys' work clothing	3.1	-	2.5	-	.4	-	3.9	-	2.3	-	1.0	-
233	Women's and misses' outerwear	4.7	-	2.4	-	2.1	-	6.4	-	1.5	-	4.0	-
234	Women's and children's undergarments	3.2	-	2.3	-	.7	-	4.6	-	2.3	-	1.5	-
2341	Women's and children's underwear	2.9	-	2.1	-	.6	-	4.6	-	2.4	-	1.5	-
2342	Brassieres and allied garments	4.5	-	3.3	-	.8	-	4.4	-	1.7	-	1.6	-
235	Children's outerwear	4.6	-	3.4	-	1.0	-	6.4	-	2.0	-	3.7	-
238	Misc. apparel and accessories	2.9	-	1.6	-	1.2	-	7.4	-	1.8	-	4.4	-
239	Misc. fabricated textile products	3.8	-	2.3	-	1.1	-	6.7	-	1.6	-	3.9	-
26	PAPER AND ALLIED PRODUCTS	1.7	1.3	.8	.5	.7	.6	2.6	2.9	.5	.4	1.7	2.0
261,2,6	Paper and pulp mills	.9	-	.5	-	.2	-	1.5	-	.2	-	1.0	-
262	Paper mills, except building paper	.9	-	.4	-	.2	-	1.3	-	.2	-	.8	-

See footnotes at end of table.

D-2. Labor turnover rates, by industry—Continued

(Per 100 employees)

1972 SIC Code	Industry	Accession rates						Separation rates					
		Total		New hires		Recalls		Total		Quits		Layoffs	
		NOV. 1981	DEC. 1981P	NOV. 1981	DEC. 1981P	NOV. 1981	DEC. 1981P	NOV. 1981	DEC. 1981P	NOV. 1981	DEC. 1981P	NOV. 1981	DEC. 1981P
	PAPER AND ALLIED PRODUCTS—Continued												
263	Paperboard mills	1.8	–	0.4	–	1.4	–	1.9	–	0.3	–	1.3	–
264	Misc. converted paper products	2.2	–	1.2	–	.9	–	3.1	–	.6	–	1.9	–
265	Paperboard containers and boxes	1.8	–	.9	–	.7	–	3.5	–	.7	–	2.2	–
2651	Folding paperboard boxes	2.2	–	1.2	–	.9	–	3.3	–	.6	–	2.2	–
2653	Corrugated and solid fiber boxes	1.2	–	.7	–	.3	–	3.0	–	.6	–	1.8	–
27	PRINTING AND PUBLISHING	2.7	2.1	2.1	1.6	.5	0.4	2.8	2.7	1.5	1.3	.8	.9
271	Newspapers	3.0	–	2.8	–	.1	–	3.0	–	2.5	–	.1	–
272	Periodicals	2.0	–	1.9	–	.1	–	1.6	–	1.1	–	.2	–
273	Books	3.7	–	1.7	–	1.7	–	2.0	–	1.1	–	.4	–
274	Miscellaneous publishing	1.6	–	1.4	–	.1	–	1.4	–	.9	–	.2	–
275	Commercial printing	2.7	–	1.9	–	.7	–	3.0	–	.9	–	1.6	–
2751	Commercial printing, letterpress	3.0	–	1.8	–	1.1	–	4.1	–	1.0	–	2.6	–
2752	Commercial printing, lithographic	2.6	–	1.9	–	.5	–	2.4	–	.8	–	1.0	–
278	Blankbooks and bookbinding	2.4	–	2.0	–	.4	–	3.6	–	1.1	–	1.6	–
28	CHEMICALS AND ALLIED PRODUCTS	1.0	.8	.7	.5	.2	.2	1.5	1.6	.4	.3	.7	.8
281	Industrial inorganic chemicals	.8	–	.6	–	.1	–	.9	–	.3	–	.4	–
2819	Industrial inorganic chemicals, nec	.7	–	.5	–	.1	–	.7	–	.2	–	.3	–
282	Plastics materials and synthetics	.7	–	.3	–	.3	–	2.1	–	.4	–	1.1	–
2821	Plastics materials and resins	.7	–	.5	–	.1	–	1.1	–	.3	–	.5	–
2824	Organic fibers, noncellulosic	.3	–	.1	–	.1	–	3.0	–	.6	–	1.6	–
283	Drugs	1.1	–	.9	–	.1	–	.9	–	.4	–	.2	–
2834	Pharmaceutical preparations	1.2	–	1.0	–	.2	–	1.0	–	.4	–	.2	–
284	Soap, cleaners, and toilet goods	1.5	–	1.1	–	.2	–	2.1	–	.5	–	1.0	–
2841	Soap and other detergents	1.0	–	.9	–	.1	–	1.8	–	.3	–	.9	–
2844	Toilet preparations	1.7	–	1.3	–	.3	–	2.0	–	.6	–	1.0	–
285	Paints and allied products	.9	–	.8	–	.1	–	2.2	–	.6	–	1.1	–
286	Industrial organic chemicals	.7	–	.5	–	.1	–	.8	–	.2	–	.3	–
287	Agricultural chemicals	1.4	–	.7	–	.7	–	1.8	–	.5	–	.9	–
289	Miscellaneous chemical products	1.2	–	.9	–	.2	–	1.9	–	.5	–	1.0	–
29	PETROLEUM AND COAL PRODUCTS	1.1	1.1	.8	.9	.2	.2	1.7	3.1	.4	.4	.8	2.3
291	Petroleum refining	.8	–	.7	–	(1)	–	.7	–	.3	–	.1	–
295	Paving and roofing materials	2.0	–	1.1	–	.8	–	7.3	–	1.1	–	5.5	–
30	RUBBER AND MISC. PLASTICS PRODUCTS	2.2	1.5	1.2	.8	.7	.6	4.8	4.3	.9	.7	3.1	3.0
301	Tires and inner tubes	.9	–	.2	–	.3	–	1.6	–	.2	–	.9	–
302	Rubber and plastics footwear	6.0	–	2.6	–	3.0	–	7.0	–	1.7	–	3.5	–
3031	Reclaimed rubber, and rubber and plastics hose and belting	1.6	–	.8	–	.5	–	6.4	–	.5	–	5.2	–
306	Fabricated rubber products, nec	1.9	–	.9	–	.7	–	6.1	–	.8	–	4.5	–
307	Miscellaneous plastics products	2.5	–	1.6	–	.7	–	5.1	–	1.2	–	3.2	–
31	LEATHER AND LEATHER PRODUCTS	3.4	2.4	2.1	1.2	1.0	1.1	5.5	9.6	2.0	1.4	2.7	7.5
311	Leather tanning and finishing	2.8	–	.9	–	1.9	–	7.2	–	.8	–	5.7	–
314	Footwear, except rubber	3.5	–	2.4	–	.9	–	4.4	–	1.9	–	1.8	–
3143	Men's footwear, except athletic	2.5	–	1.9	–	.3	–	3.3	–	1.7	–	.8	–
3144	Women's footwear, except athletic	4.8	–	2.7	–	1.9	–	5.2	–	2.0	–	2.6	–
	NONMANUFACTURING:												
	MINING	4.7	2.8	3.5	2.1	.8	.6	4.7	3.4	2.7	1.8	1.1	1.0
10	METAL MINING	3.3	3.2	.8	.3	2.4	2.5	5.7	2.2	.6	.2	4.6	1.5
101	Iron ores	11.4	–	.1	–	10.9	–	19.8	–	.1	–	18.9	–
102	Copper ores	.5	–	.4	–	(1)	–	1.1	–	.2	–	.5	–
12	BITUMINOUS COAL AND LIGNITE MINING	1.3	.6	.8	.4	.4	.1	1.5	1.2	.5	.3	.7	.6
13	OIL AND GAS EXTRACTION	6.7	3.8	5.3	3.2	.7	.5	5.6	3.9	4.2	2.8	.2	.4
131, 2	Crude petroleum, natural gas, and natural gas liquids	1.9	–	1.7	–	(1)	–	1.2	–	.9	–	(1)	–
138	Oil and gas field services	9.8	–	7.5	–	1.1	–	8.4	–	6.2	–	.3	–
14	NONMETALLIC MINERALS, EXCEPT FUELS	1.9	1.3	1.0	.7	.8	.6	3.7	6.4	.7	.5	4.2	5.4
142	Crushed and broken stone	2.8	–	.9	–	1.7	–	8.0	–	1.0	–	6.1	–
144	Sand and gravel	1.7	–	1.0	–	.6	–	9.1	–	.9	–	7.5	–
	COMMUNICATION:												
481	Telephone communication	.4	–	.3	–	(1)	–	.5	–	.2	–	.1	–

[1] Less than 0.05

P = preliminary

NOTE: This table will be discontinued after the March issue. See page 4 in this issue.

ESTABLISHMENT DATA
SEASONALLY ADJUSTED LABOR TURNOVER

D-3. Labor turnover rates in manufacturing, 1971 to date, seasonally adjusted

Per 100 employees

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total accessions												
1971	3.8	3.7	3.7	3.8	3.8	3.8	3.8	4.0	4.0	3.9	4.0	4.2
1972	4.3	4.3	4.4	4.4	4.4	4.3	4.3	4.5	4.5	4.6	4.7	4.9
1973	5.0	5.2	5.1	4.9	4.8	4.7	4.6	4.6	4.8	4.8	5.0	4.7
1974	4.7	4.6	4.5	4.6	4.5	4.3	4.3	4.1	4.0	3.8	3.3	3.1
1975	3.0	3.2	3.2	3.6	3.7	3.8	4.0	4.0	3.9	3.8	3.8	3.8
1976	4.2	4.1	4.2	4.1	4.0	3.8	3.9	3.8	3.7	3.6	3.8	3.8
1977	3.9	4.5	4.1	4.0	4.0	4.0	4.0	4.0	3.9	4.0	4.0	4.3
1978	4.0	3.9	3.9	4.2	4.0	4.1	4.1	4.1	4.2	4.2	4.2	4.3
1979	4.1	4.1	4.0	4.0	4.0	4.1	3.9	3.9	3.9	3.9	3.9	3.8
1980	3.9	3.8	3.7	3.2	3.1	3.4	3.5	3.6	3.7	3.7	3.6	3.5
1981	3.5	3.[illegible]	3.4	3.4	3.1	3.4	3.4	3.2	2.9	2.9	3.1	P2.7
New hires												
1971	2.4	2.4	2.4	2.5	2.5	2.5	2.6	2.6	2.6	2.5	2.7	2.9
1972	3.0	3.1	3.2	3.2	3.3	3.2	3.2	3.3	3.4	3.6	3	4.0
1973	4.0	4.2	4.1	4.0	4.0	3.8	3.7	3.7	3.8	3.9		3.8
1974	3.8	3.7	3.6	3.5	3.5	3.3	3.3	3.1	3.0	2.7	2.3	1.9
1975	1.6	1.6	1.5	1.7	1.8	1.9	2.3	2.3	2.4	2.3	2.4	2.5
1976	2.6	2.7	2.9	2.8	2.7	2.7	2.7	2.6	2.5	2.4	2.5	2.5
1977	2.6	2.8	2.8	2.9	3.0	2.8	2.8	2.9	2.8	2.9	2.8	3.1
1978	2.9	2.8	2.9	3.1	3.0	3.1	3.1	3.1	3.2	3.3	3.3	3.3
1979	3.1	3.1	3.0	3.0	3.0	3.1	2.9	2.8	2.8	2.8	2.8	2.8
1980	2.7	2.6	2.5	2.1	1.8	1.9	2.0	2.0	2.1	2.1	2.1	2.1
1981	2.1	2.2	2.1	2.1	2.0	2.2	2.3	2.1	1.8	1.7	1.6	P1.4
Recalls												
1976	1.1	1.0	1.1	1.0	1.0	0.9	1.0	0.9	0.8	0.9	0.9	1.0
1977	.9	1.3	1.0	.9	.8	.8	.8	.8	.8	.7	.8	.8
1978	.8	.7	.8	.8	.8	.7	.7	.7	.7	.7	.7	.7
1979	.7	.7	.7	.7	.8	.7	.8	.7	.8	.8	.8	.7
1980	.9	.9	.9	.8	1.0	1.2	1.3	1.4	1.4	1.3	1.2	1.1
1981	1.0	1.0	1.1	1.1	1.0	1.0	.9	.8	.9	.9	1.2	P1.0
Total separations												
1971	4.3	4.1	4.0	4.1	4.2	4.1	4.2	4.6	4.3	4.1	4.1	4.1
1972	4.2	4.1	4.2	4.2	4.2	4.5	4.5	4.2	4.3	4.1	4.3	4.4
1973	4.6	4.7	4.8	4.6	4.6	4.7	4.9	4.6	4.5	4.7	4.8	4.8
1974	5.1	5.0	4.9	4.7	4.6	4.5	4.5	4.8	4.4	4.8	5.2	4.9
1975	5.2	5.1	4.6	4.6	4.6	4.3	4.0	3.9	3.8	3.8	3.8	3.5
1976	3.6	3.5	3.8	3.9	3.7	3.9	3.9	3.9	3.9	3.9	3.6	3.6
1977	3.9	4.1	3.8	3.7	3.8	3.7	3.9	4.0	3.9	3.8	3.8	4.0
1978	3.8	3.8	3.8	4.0	3.9	3.9	3.9	3.8	4.0	3.9	3.9	4.1
1979	4.0	3.9	3.9	4.0	4.0	4.0	4.0	4.3	3.9	4.0	4.1	4.0
1980	4.2	4.0	4.0	5.2	5.5	4.8	3.8	4.0	3.5	3.6	3.3	3.5
1981	3.6	3.6	3.4	3.2	3.4	3.4	3.2	3.6	3.7	4.0	4.1	P3.9
Quits												
1971	1.8	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.8	1.9	1.9
1972	2.1	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.3	2.5	2.6
1973	2.8	2.9	2.9	2.8	2.8	2.8	2.7	2.7	2.7	2.9	2.9	2.7
1974	2.7	2.8	2.7	2.6	2.6	2.5	2.5	2.4	2.2	2.0	1.8	1.7
1975	1.4	1.3	1.2	1.2	1.3	1.4	1.4	1.5	1.4	1.5	1.6	1.5
1976	1.6	1.6	1.8	1.8	1.7	1.7	1.8	1.7	1.7	1.6	1.5	1.6
1977	1.8	1.8	1.8	1.8	1.9	1.8	1.8	1.9	1.9	1.9	1.9	2.0
1978	1.9	1.9	2.0	2.1	2.0	2.1	2.1	2.1	2.2	2.2	2.1	2.2
1979	2.2	2.1	2.1	2.1	2.0	2.0	2.0	2.0	1.9	2.0	2.0	1.8
1980	1.9	1.[illegible]	1.8	1.6	1.5	1.4	1.4	1.4	1.3	1.3	1.4	1.5
1981	1.4	1.4	1.3	1.3	1.3	1.4	1.5	1.3	1.3	1.2	1.1	P1.1
Layoffs												
1971	1.7	1.5	1.5	1.5	1.6	1.5	1.5	2.0	1.7	1.5	1.4	1.3
1972	1.2	1.2	1.1	1.2	1.2	1.4	1.4	1.1	1.0	1.0	.9	.9
1973	.9	.8	.9	.8	.9	.9	1.2	1.0	.9	.8	1.0	1.1
1974	1.4	1.3	1.2	1.1	1.1	1.1	1.1	1.4	1.3	1.8	2.5	2.5
1975	2.9	3.0	2.7	2.6	2.5	2.2	1.7	1.6	1.7	1.5	1.5	1.3
1976	1.2	1.0	1.2	1.3	1.2	1.3	1.3	1.3	1.4	1.5	1.3	1.2
1977	1.3	1.5	1.2	1.1	1.1	1.1	1.2	1.2	1.1	1.1	1.0	1.1
1978	1.0	1.0	1.0	1.0	1.0	.9	.9	.9	.9	.9	.9	1.0
1979	.9	.9	.9	1.0	1.0	1.1	1.1	1.4	1.2	1.2	1.3	1.3
1980	1.4	1.3	1.4	2.7	3.2	2.6	1.6	1.8	1.5	1.5	1.3	1.2
1981	1.4	1.3	1.3	1.1	1.3	1.3	1.0	1.4	1.7	2.2	2.3	P2.1

p = preliminary

NOTE: The data that appeared in this table last month was unadjusted. This table will be discontinued after the March issue. See page 4 of this issue.

D-4. Labor turnover rates in manufacturing for selected States and areas

(Per 100 employees)

State and area	Accession rates						Separation rates					
	Total		New hires		Recalls		Total		Quits		Layoffs	
	Oct. 1981	Nov. 1981[p]	Oct. 1981	Nov. 1981[p]	Oct. 1981	Nov. 1981[p]	Oct. 1981	Nov. 1981[p]	Oct. 1981	Nov. 1981[p]	Oct. 1981	Nov. 1981[p]
ALABAMA												
Birmingham	1.8	1.0	1.3	0.5	0.4	0.4	2.5	3.5	0.6	0.3	1.4	2.7
Mobile	3.3	3.5	.6	.4	2.6	3.1	7.5	4.4	.8	.5	6.3	3.6
ALASKA	2.7	2.7	1.2	.6	1.5	1.3	29.3	7.9	3.3	1.7	25.5	5.9
ARIZONA	2.8	2.1	2.2	1.6	.4	.4	3.0	2.3	1.4	1.1	.7	.5
Phoenix	2.9	2.2	2.3	1.6	.4	.4	3.2	2.3	1.5	1.1	.6	.4
ARKANSAS	4.0	3.2	2.9	1.8	.8	1.2	5.4	5.0	2.6	1.8	1.9	2.5
Fort Smith	3.0	1.7	1.8	.9	.8	.6	7.5	4.5	2.5	1.2	3.8	2.6
Little Rock—North Little Rock	2.4	1.8	1.9	1.1	.3	.5	4.4	3.5	1.5	.9	2.2	2.0
Pine Bluff	2.7	1.2	2.2	1.2	.4	(1)	2.1	2.6	1.1	.8	.1	1.5
CALIFORNIA	3.4	2.8	2.4	1.9	.8	.7	5.0	3.9	1.4	1.0	2.7	2.2
COLORADO	2.4	2.2	2.2	1.8	.1	.3	2.7	2.8	1.6	1.2	.5	.9
Denver—Boulder	2.4	2.3	2.1	2.0	.1	.3	2.6	2.9	1.6	1.3	.4	.9
CONNECTICUT	1.8	1.4	1.3	1.0	.4	.3	2.5	2.0	.9	.7	.9	.8
Hartford	1.3	.9	.9	.7	.2	.1	3.3	1.3	.9	.6	1.9	.3
DELAWARE	1.9	(a)	1.1	(a)	.4	(a)	2.7	(a)	.8	(a)	1.1	(a)
Wilmington	1.4	(a)	.7	(a)	.3	(a)	1.9	(a)	.4	(a)	.7	(a)
FLORIDA	4.1	3.9	3.1	2.7	.9	1.0	4.5	3.3	2.4	1.8	1.1	.8
Fort Lauderdale—Hollywood	4.4	4.8	3.9	4.5	.4	.2	3.9	3.8	2.5	2.5	.6	.5
Jacksonville	3.3	3.2	2.7	2.1	.5	1.1	3.7	2.7	1.6	.9	1.1	1.2
Miami	3.3	3.4	2.6	3.1	.6	.2	3.8	4.6	2.1	1.9	.9	1.8
Orlando	3.3	3.1	2.5	2.2	.7	.8	3.1	2.7	1.6	1.5	.6	.6
Pensacola	1.8	1.2	1.5	.9	.1	.1	1.2	1.3	.8	.6	.1	.4
Tampa—St. Petersburg	4.6	4.0	3.7	3.3	.8	.7	4.9	4.0	3.1	2.5	.9	.8
West Palm Beach—Boca Raton	2.8	3.1	2.1	2.6	.7	.5	2.4	3.8	1.9	1.6	(3)	.1
GEORGIA	2.6	2.1	2.0	1.5	.4	.4	3.4	3.2	1.7	1.2	1.0	1.2
Atlanta[2]	2.6	1.8	2.0	1.2	.5	.4	2.7	2.8	1.2	.8	.8	1.4
HAWAII[3]	1.8	1.8	1.3	.9	.2	.1	1.7	1.3	.7	.4	.5	.5
IDAHO[4]	2.1	2.0	.9	.5	.6	.8	8.5	5.6	.9	.9	6.8	4.4
ILLINOIS	2.3	2.8	1.7	1.9	.4	.7	3.0	2.9	.9	1.1	1.2	.9
Chicago SMSA	1.6	1.3	.5	.1	.8	.8	3.8	1.9	.3	.2	2.7	1.1
Davenport—Rock Island—Moline	2.0	.9	.2	.2	1.4	.5	4.0	2.8	.1	.1	3.4	2.4
Decatur	2.5	2.5	.4	.2	2.1	2.3	7.1	3.7	.1	.1	4.3	3.1
Peoria	1.5	1.0	.7	.6	.7	.3	3.3	2.9	.7	.4	1.9	2.0
Rockford	1.7	1.8	.7	.6	.6	.9	4.5	5.5	.6	.5	3.2	4.5
INDIANA[5]	2.0	1.8	.9	.8	.6	.5	4.1	3.8	.6	.6	2.6	2.3
Indianapolis[6]	2.2	1.4	.8	.7	1.2	.6	5.0	5.2	.7	.4	3.8	4.4
IOWA	1.3	1.2	.5	.4	.8	.7	2.0	1.9	.4	.3	1.3	1.3
Cedar Rapids	2.0	.9	.9	.3	.1	.1	2.5	2.1	.5	.3	.7	.6
Des Moines	2.0	1.9	.7	.5	.7	.6	3.9	3.7	1.6	1.2	1.1	1.9
KANSAS	3.1	2.5	2.0	1.5	.9	.6	6.6	6.4	.8	1.4	5.2	4.4
Topeka	6.9	6.6	1.1	1.8	5.7	4.4	2.6	3.1	1.2	.7	.6	1.9
Wichita	2.3	1.6	1.7	1.1	.5	.3	7.9	.7	.5	2.4	6.6	
KENTUCKY	2.4	3.0	1.0	.8	1.1	1.9	3.9	3.3	.5	2.4	2.2	
Lexington—Fayette	1.9	3.5	1.1	.6	.7	2.9	3.4	14.2	.4	2.4	12.8	
Louisville	2.3	1.7	.4	.4	1.0	.6	2.3		.2	.8		
LOUISIANA	3.9	3.2	3.3	2.4	.5	.6	4.2	4.3	1.7	1.3	1.2	1.8
New Orleans	3.6	2.7	2.3	1.6	1.0	.7	4.8	4.2	1.7	1.1	2.3	2.3
MAINE	2.5	1.7	1.9	1.1	.3	.1	2.3	1.9	1.3	.8	.4	.3
Portland	2.3	2.3	1.3	1.0	.7	1.1	4.2	4.2	.9	.6	2.2	3.0
MARYLAND	2.3	2.4	1.2	.9	.8	1.2	3.7	4.2	.7	.5	1.9	3.1
Baltimore	2.6	(a)	1.7	(a)	.8	(a)	3.0	(a)	1.4	(a)	.9	(a)
MASSACHUSETTS	3.6	(a)	1.6	(a)	1.4	(a)	2.9	(a)	1.1	(a)	1.2	(a)
Boston												

See footnotes at end of table.

D-4. Labor turnover rates in manufacturing for selected States and areas—Continued

[Per 100 employees]

State and area	Accession rates						Separation rates					
	Total		New hires		Recalls		Total		Quits		Layoffs	
	Oct. 1981	Nov. 1981[p]	Oct. 1981	Nov. 1981[p]	Oct. 1981	Nov. 1981[p]	Oct. 1981	Nov. 1981[p]	Oct. 1981	Nov. 1981[p]	Oct. 1981	Nov. 1981[p]
MICHIGAN	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Detroit	1.2	(*)	(*)	(*)	.7	(*)	3.7	(*)	.5	(*)	2.6	(*)
Flint	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Grand Rapids	1.8	(*)	.6	(*)	.8	(*)	3.5	(*)	.7	(*)	2.2	(*)
Lansing—East Lansing	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
MINNESOTA	2.8	1.9	1.9	1.3	.8	.5	3.4	2.6	1.1	.7	1.7	1.5
Minneapolis—St. Paul	2.1	1.8	1.7	1.4	.2	.3	2.5	2.3	1.0	.8	1.1	1.2
MISSISSIPPI	3.0	4.0	2.4	1.8	.6	2.2	5.7	4.1	1.7	1.2	3.6	2.4
Jackson	2.3	2.1	1.6	1.2	.5	.8	3.4	2.9	1.2	.8	1.6	1.6
MISSOURI	2.1	2.0	1.6	1.1	.4	.8	3.2	2.1	1.1	.7	1.0	.8
Kansas City	1.8	1.7	1.0	.8	.7	.8	3.1	2.6	.7	.4	1.9	1.8
St. Louis	5.5	2.2	4.1	1.5	1.1	.7	4.8	3.9	1.3	1.3	2.9	2.2
MONTANA	2.4	1.9	1.9	1.2	.5	.6	3.6	3.2	1.4	1.0	1.5	1.6
NEBRASKA	3.1	3.0	2.6	2.3	.5	.6	2.7	4.7	1.9	1.7	.1	2.4
NEVADA	3.3	2.8	2.6	1.8	.5	.6	3.8	3.3	2.1	1.5	.9	1.2
NEW HAMPSHIRE	2.5	1.9	1.6	1.2	.6	.5	4.0	5.9	.7	.5	2.7	4.5
NEW JERSEY:	3.0	2.7	2.3	1.8	.6	.8	4.4	3.6	1.6	1.1	1.9	1.7
Camden [7]	3.0	2.6	1.8	1.7	1.1	.9	5.9	4.3	1.0	.5	3.3	3.0
Hackensack	3.0	2.1	2.2	1.4	.5	.6	4.3	2.5	1.1	.7	2.4	1.1
Jersey City	2.3	2.0	1.9	1.5	.2	.3	2.8	2.6	.9	.7	1.1	1.1
New Brunswick—Perth Amboy—Sayreville	2.6	2.2	1.7	1.6	.7	.5	5.0	3.7	1.1	.8	2.0	2.1
Newark	2.0	2.7	1.0	1.0	.9	1.6	6.0	4.4	.7	.6	4.7	3.3
Paterson—Clifton—Passaic	3.6	2.0	3.0	1.8	.6	.2	4.9	2.7	1.9	1.4	2.0	.8
Trenton	3.2	3.1	1.9	1.5	1.1	1.4	3.8	4.5	1.2	.8	1.9	3.0
NEW MEXICO	2.1	2.1	1.2	.7	.4	.8	3.3	5.8	.7	.4	1.5	4.7
NEW YORK	2.2	2.9	1.8	2.6	.2	.2	1.5	2.2	.8	1.2	.2	.2
Albany—Schenectady—Troy	3.3	2.2	.7	.6	2.4	1.4	3.5	5.4	.5	.3	2.3	4.5
Binghamton	2.1	1.2	.8	.7	1.0	.4	2.8	3.1	.7	.4	1.1	1.9
Buffalo	1.7	1.4	1.3	1.2	.3	.2	2.4	1.9	1.1	.5	.9	.9
Elmira	4.0	3.5	3.1	2.5	.7	.8	3.9	3.0	2.1	1.5	.9	.8
Monroe County [8]	3.8	3.8	2.6	2.0	1.1	1.7	4.1	5.8	1.4	1.1	1.8	4.0
Nassau—Suffolk [9]	3.8	3.9	2.4	1.9	1.2	1.9	4.1	6.7	1.2	.9	2.0	4.9
New York and Nassau—Suffolk	4.1	3.0	2.6	2.0	1.4	.9	4.4	6.2	1.3	1.0	2.2	4.4
New York SMSA [9]	2.3	1.6	1.7	1.2	.5	.3	3.1	2.5	1.2	.6	1.4	1.3
New York City [10]	2.2	1.9	1.3	1.2	.7	.6	4.1	2.5	1.3	.7	2.2	1.4
Rochester	2.3	2.2	1.4	1.1	.7	.9	3.1	3.7	.8	.6	1.6	2.8
Syracuse	2.1	10.9	1.7	1.4	.3	9.3	2.6	11.0	.9	.8	1.1	9.3
Utica—Rome	2.7	1.6	2.2	1.3	.3	.2	3.3	2.9	1.7	1.1	.8	1.2
Westchester County [10]	3.2	1.9	2.7	1.6	.3	.2	4.1	3.5	2.3	1.4	1.0	1.4
NORTH CAROLINA	2.6	1.9	2.1	1.5	.3	.2	2.7	2.4	1.7	1.2	.3	.6
Charlotte—Gastonia	8.8	7.8	6.2	4.8	1.4	1.9	4.5	5.7	2.2	1.6	1.5	3.3
Greensboro—Winston-Salem—High Point	11.0	2.4	3.9	1.8	6.9	.2	3.5	3.7	1.4	1.7	1.1	.9
NORTH DAKOTA	1.9	1.6	.7	.4	(*)	(*)	3.4	3.6	.5	.3	2.2	2.8
Fargo—Moorhead	1.2	1.0	.5	.3	(*)	(*)	2.0	2.4	.3	.2	1.3	1.9
OHIO	2.7	1.7	.8	.5	(*)	(*)	3.8	3.4	.5	.4	2.4	2.4
Akron	1.9	1.6	.8	.6	(*)	(*)	2.8	2.0	.7	.5	1.6	1.0
Canton	1.7	1.2	.9	.5	(*)	(*)	2.9	3.2	.6	.4	1.6	2.2
Cincinnati	2.1	1.4	1.3	.8	(*)	(*)	3.2	1.9	.9	.5	1.7	.8
Cleveland	1.5	1.2	.8	.6	(*)	(*)	2.4	2.0	.7	.4	1.1	1.2
Columbus	1.9	1.3	.6	.5	(*)	(*)	3.0	3.6	.4	.3	2.0	2.9
Dayton	1.5	2.3	.4	.3	(*)	(*)	3.0	4.4	.4	.2	1.7	3.6
Toledo	5.5	4.3	4.8	3.6	.4	.4	5.9	6.2	3.9	3.0	.9	2.3
Youngstown—Warren	4.5	3.8	4.1	3.2	.3	.5	5.0	7.9	3.5	2.5	.6	4.7
OKLAHOMA	5.8	4.1	5.4	3.7	.3	.2	4.9	4.8	3.0	2.2	.7	1.5
Oklahoma City	3.3	2.8	1.9	1.1	1.3	1.7	6.5	6.6	1.1	.7	4.7	5.3
Tulsa [11]	2.5	1.5	.9	.5	1.4	.7	10.6	7.0	.9	.5	8.9	6.2
OREGON [5]	3.2	2.2	2.2	1.2	.9	.9	4.9	5.3	1.2	.7	3.0	3.9
Eugene—Springfield [5]												
Portland [5]												

See footnotes at end of table.

D-4. Labor turnover rates in manufacturing for selected States and areas—Continued

(Per 100 employees)

State and area	Accession rates						Separation rates					
	Total		New hires		Recalls		Total		Quits		Layoffs	
	Oct. 1981	Nov. 1981[p]	Oct. 1981	Nov. 1981[p]	Oct. 1981	Nov. 1981[p]	Oct. 1981	Nov. 1981[p]	Oct. 1981	Nov. 1981[p]	Oct. 1981	Nov. 1981[p]
PENNSYLVANIA	2.5	2.6	1.2	0.8	1.0	1.6	4.5	4.0	0.8	0.5	2.9	2.9
Allentown—Bethlehem—Easton	2.5	2.2	1.3	.7	.4	1.1	5.4	3.9	.8	.6	3.2	2.4
Altoona	1.0	1.1	.6	.3	.3	.8	3.4	2.1	.4	.3	2.9	1.7
Erie	1.9	2.1	1.0	1.1	.5	.8	3.2	4.6	.6	.7	1.7	3.3
Harrisburg	1.6	1.5	.9	.7	.6	.5	3.1	2.4	.7	.7	1.5	1.3
Johnstown	3.3	2.1	.7	.2	2.4	1.8	5.6	6.4	1.5	.3	2.3	5.7
Lancaster	1.9	1.5	1.6	.8	.1	.3	2.9	2.7	1.0	.6	1.4	1.8
Northeast Pennsylvania	3.5	2.4	1.5	1.0	1.9	1.2	4.3	3.6	1.0	.7	2.9	2.4
Philadelphia SMSA	2.3	2.4	1.5	1.1	.6	1.1	4.0	2.8	.9	.6	2.4	1.7
Pittsburgh	2.4	4.0	.5	.3	1.5	3.4	5.7	5.9	.3	.2	4.6	5.2
Reading	2.7	2.4	1.4	1.2	1.2	1.1	2.5	4.3	1.0	.6	.9	3.2
Scranton [12]	4.1	2.0	1.8	1.3	2.3	.7	4.4	3.3	1.2	1.1	2.8	1.9
Wilkes-Barre—Hazleton [12]	3.2	2.8	1.3	.9	1.8	1.7	4.8	4.1	.8	.5	3.4	3.1
Williamsport	5.3	2.3	.7	1.0	4.5	1.2	3.7	2.2	.6	.4	2.8	1.6
York	2.4	1.4	1.8	.8	.5	.5	3.5	4.1	1.2	.8	1.6	2.8
RHODE ISLAND	3.2	2.6	2.5	1.9	.5	.6	4.2	4.1	1.6	1.1	1.8	2.2
Providence—Warwick—Pawtucket	3.3	2.5	2.5	1.8	.6	.6	4.1	3.9	1.6	1.1	1.8	2.3
SOUTH CAROLINA	3.4	2.6	1.9	1.3	1.3	1.0	4.7	3.8	1.4	1.0	2.6	2.1
Charleston—North Charleston	1.5	1.2	1.1	1.1	.2	(1)	5.0	5.0	.9	1.3	2.8	3.0
Columbia	2.3	1.5	1.9	1.3	.2	.2	4.1	3.5	1.5	1.2	1.8	1.7
Greenville—Spartanburg	3.3	2.7	2.4	1.7	.7	.9	3.6	3.7	1.7	1.3	1.1	1.7
SOUTH DAKOTA	2.8	2.0	1.8	1.2	.8	.5	2.4	2.9	1.0	.8	1.0	1.7
Sioux Falls	2.2	3.3	1.0	1.4	1.2	1.8	1.6	1.8	.4	.6	.6	.8
TENNESSEE:												
Memphis	1.7	1.4	1.0	1.0	.5	.3	3.0	3.4	.6	.6	1.9	2.2
TEXAS:												
Dallas—Fort Worth	3.9	3.3	3.5	2.8	.2	.3	4.1	3.7	2.5	2.1	.7	.9
Houston	3.8	2.9	3.6	2.6	.1	.2	4.3	2.6	2.6	1.7	.2	.2
San Antonio	4.1	3.3	3.8	2.8	.2	.4	5.1	3.9	2.5	2.3	.4	.1
UTAH [4]	3.9	3.3	3.1	2.5	.7	.7	5.9	4.4	2.3	1.4	2.8	2.4
Salt Lake City—Ogden [4]	3.3	2.6	3.0	2.3	.2	.3	4.0	3.4	2.2	1.3	.8	1.5
VERMONT	2.4	2.1	1.6	1.5	.6	.4	3.2	2.2	1.2	.8	1.5	1.0
Burlington	2.0	2.7	1.7	2.0	.2	.3	2.1	1.1	.7	.5	1.0	.3
Springfield	1.1	1.0	.6	.5	.5	.4	2.4	2.4	.9	.3	.8	1.8
VIRGINIA	1.9	2.3	1.3	1.1	.5	1.0	2.5	3.1	.9	.6	.9	2.0
Richmond	.7	1.4	.6	.6	.1	.1	1.4	2.0	.5	.3	.5	.9
WASHINGTON: [13]												
Seattle—Everett	1.7	1.5	1.2	.9	.5	.5	2.9	2.7	.8	.5	1.5	1.7
WEST VIRGINIA	2.0	1.0	.9	.4	1.0	.6	4.0	3.9	.8	.4	2.7	3.1
WISCONSIN	2.0	2.2	.9	.6	.7	1.2	5.2	3.9	.6	.4	3.7	2.8
Milwaukee	1.9	2.4	.8	.5	.7	1.2	3.7	2.8	.5	.4	2.4	1.5
WYOMING	10.2	2.2	7.9	2.0	2.3	.2	8.2	14.6	5.1	1.7	1.6	12.3

[1] Less than 0.05.
[2] Excludes agricultural chemicals, and miscellaneous manufacturing.
[3] Excludes canned fruits, vegetables, preserves, jams, and jellies.
[4] Excludes canning and preserving, and sugar.
[5] Excludes canning and preserving.
[6] Excludes canning and preserving, and newspapers.
[7] Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area.
[8] Subarea of Rochester Standard Metropolitan Statistical Area.
[9] Area included in New York and Nassau-Suffolk combined SMSA's.
[10] Subarea of New York Standard Metropolitan Statistical Area.
[11] Excludes new-hire rate for transportation equipment.
[12] Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area.
[13] Excludes canning and preserving, printing and publishing.
p = preliminary.
* Not available.

NOTE: This table will be discontinued with this issue. See page 4 in this issue.

SOURCE: Cooperating State agencies listed on inside back cover except for data for the States of California, New Mexico, and West Virginia which are collected and calculated by the Bureau of Labor Statistics (Washington Office).

STATE AND AREA UNEMPLOYMENT DATA

E-1. Labor force and unemployment by State and selected metropolitan areas

(Numbers in thousands)

State and area	Labor force			Unemployment					
				Number			Percent of labor force		
	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P
ALABAMA	1,637.1	1,638.0	1,639.5	139.9	187.6	198.8	8.5	11.5	12.1
Birmingham	380.3	374.0	375.4	35.5	40.4	41.0	9.3	10.8	10.9
Huntsville	137.1	138.8	138.7	12.3	14.3	14.5	9.0	10.3	10.5
Mobile	181.6	182.5	182.2	13.1	19.7	20.6	7.1	10.8	11.3
Montgomery	118.9	117.7	118.3	8.9	11.4	12.0	7.5	9.7	10.2
Tuscaloosa	51.2	52.3	52.6	4.3	5.5	5.7	8.0	10.6	10.1
ALASKA	182.0	195.9	194.2	18.1	18.4	19.0	9.9	9.4	9.8
ARIZONA	1,149.3	1,198.3	1,200.7	75.4	77.3	78.9	6.6	6.4	6.6
Phoenix	699.9	732.7	734.4	40.2	39.0	39.9	5.7	5.3	5.4
Tucson	211.7	220.6	221.4	12.0	13.0	13.0	5.7	5.9	5.9
ARKANSAS	948.4	1,018.1	991.2	74.7	96.6	101.5	7.9	9.5	10.2
Fayetteville-Springdale	76.9	80.6	79.9	3.8	4.5	5.2	4.9	5.6	6.5
Fort Smith	82.0	86.1	85.3	6.6	9.6	10.0	8.1	11.1	11.7
Little Rock-North Little Rock	186.1	194.7	193.4	11.0	15.7	16.4	5.9	8.1	8.5
Pine Bluff	38.8	40.8	39.7	2.9	4.0	4.0	7.5	9.8	10.0
CALIFORNIA[1]	11,243.0	11,506.0	11,489.1	701.0	897.9	983.9	6.2	7.8	8.6
Anaheim-Santa Ana-Garden Grove	1,117.8	1,161.8	1,157.6	40.5	59.9	62.5	3.6	5.2	5.4
Bakersfield	182.5	191.7	191.4	13.7	19.6	20.7	7.5	10.2	10.8
Fresno	261.1	265.9	271.5	23.9	32.6	36.0	9.2	12.3	13.3
Los Angeles-Long Beach[1]	3,565.0	3,556.0	3,547.0	217.0	241.0	283.0	6.1	6.8	7.4
Modesto	122.6	130.9	129.4	15.9	19.5	21.9	13.0	14.9	16.9
Oxnard-Simi Valley-Ventura	234.1	243.9	243.1	15.4	22.0	23.3	6.6	9.0	9.6
Riverside-San Bernardino-Ontario	584.0	607.4	609.2	39.5	56.6	60.3	6.8	9.3	9.9
Sacramento	472.2	491.0	491.9	33.4	46.1	52.7	7.1	9.4	10.7
Salinas-Seaside-Monterey	128.8	135.3	135.3	13.3	14.1	17.7	10.3	10.5	13.1
San Diego	767.4	789.0	785.7	42.7	58.9	62.2	5.6	7.5	7.9
San Francisco-Oakland	1,635.4	1,685.2	1,679.9	79.7	102.8	110.0	4.9	6.1	6.5
San Jose	758.4	785.4	778.8	36.3	51.4	55.9	4.8	6.5	6.9
Santa Barbara-Santa Maria-Lompoc	148.1	151.7	151.4	7.7	9.3	11.1	5.2	6.2	7.4
Santa Rosa	133.1	139.4	139.9	8.9	12.4	13.8	6.7	9.0	9.7
Stockton	157.7	163.9	164.1	17.2	23.1	26.3	10.9	14.1	16.0
Vallejo-Fairfield-Napa	127.7	135.9	134.9	8.5	12.3	13.4	6.7	9.1	9.9
COLORADO	1,480.0	1,525.7	1,519.4	84.0	80.3	83.2	5.7	5.3	5.5
Denver-Boulder	881.6	915.0	910.7	45.7	43.3	43.5	5.2	4.7	4.8
CONNECTICUT	1,627.1	1,607.0	1,625.0	94.0	101.9	105.6	5.8	6.3	6.5
Bridgeport	301.0	196.9	199.5	11.0	12.2	13.0	5.5	6.2	6.5
Hartford	394.9	389.7	393.6	21.3	23.4	24.8	5.4	6.0	6.3
New Britain	78.3	78.7	80.1	4.4	5.7	6.7	5.6	7.2	8.4
New Haven-West Haven	208.4	203.4	205.2	13.0	13.4	13.2	6.2	6.6	6.4
Stamford	129.1	131.6	131.4	5.9	6.1	5.9	4.6	4.6	4.5
Waterbury	108.4	108.2	109.2	8.6	8.2	8.3	7.9	7.6	7.6
DELAWARE	281.0	287.5	282.9	20.7	25.6	22.1	7.4	9.1	7.8
Wilmington	251.7	252.0	251.3	17.7	23.2	19.4	7.0	9.2	7.7
DISTRICT OF COLUMBIA	314.9	291.2	294.3	21.0	24.7	25.3	6.6	8.5	8.6
Washington SMSA	1,643.8	1,647.4	1,651.8	65.6	85.3	85.3	4.0	5.2	5.2
FLORIDA[1]	3,980.0	4,164.5	4,134.8	199.0	314.3	300.9	5.0	7.5	7.3
Bradenton	58.4	60.7	60.7	3.6	3.9	4.1	6.4	6.5	6.8
Daytona Beach	94.6	98.9	98.0	4.9	7.3	7.2	5.2	7.4	7.3
Fort Lauderdale-Hollywood	427.8	438.8	436.3	16.0	26.9	25.5	3.7	6.1	5.9
Fort Myers-Cape Coral	79.8	83.8	83.4	3.7	5.5	5.7	4.6	6.5	6.9
Gainesville	68.0	74.0	72.5	2.5	3.5	3.1	3.6	4.8	4.3
Jacksonville	301.3	321.6	314.4	13.9	23.3	19.8	4.6	7.2	6.3
Lakeland-Winter Haven	129.0	134.0	131.0	6.1	18.4	17.0	7.0	13.7	12.9
Melbourne-Titusville-Cocoa	108.1	112.5	110.9	6.7	9.4	9.5	6.2	8.4	7.6
Miami	731.8	751.8	741.2	34.9	56.5	51.5	5.3	7.5	7.0
Orlando	321.4	337.0	336.3	15.8	24.9	22.3	4.9	7.4	6.7
Panama City	36.5	39.3	38.2	3.1	4.7	4.7	8.5	11.9	12.3
Pensacola	108.9	115.0	115.2	5.3	8.4	9.1	4.8	7.3	7.9
Sarasota	70.4	74.1	74.2	2.6	4.7	5.1	3.7	6.3	6.8
Tallahassee	77.0	80.7	79.3	3.4	4.0	3.5	4.4	4.9	4.4
Tampa-St. Petersburg	611.7	649.0	644.6	28.4	45.1	44.7	4.6	6.9	6.9
West Palm Beach-Boca Raton	243.5	251.8	251.8	11.4	18.0	16.7	4.7	7.1	6.6

See footnotes at end of table.

E-1. Labor force and unemployment by State and selected metropolitan areas – Continued

(Numbers in thousands)

State and area	Labor force			Unemployment					
				Number			Percent of labor force		
	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P
GEORGIA									
Albany	2,387.6	2,461.9	2,455.7	141.9	166.0	168.0	5.9	6.7	6.8
Atlanta	49.4	51.7	51.5	1.8	2.0	1.7	3.7	3.7	3.3
Augusta	977.1	1,007.3	1,011.6	49.7	56.2	55.4	5.1	5.6	5.5
Columbus	124.3	127.1	127.2	8.5	8.8	8.5	6.8	6.9	6.7
Macon	81.9	83.9	85.7	5.7	7.9	9.8	7.0	9.4	11.4
Savannah	98.0	101.1	101.1	5.7	6.7	6.7	5.9	6.6	6.7
	88.1	91.2	90.6	5.5	6.0	6.0	6.2	6.3	6.3
HAWAII									
Honolulu	401.5	414.0	418.8	19.2	21.9	20.7	4.8	5.3	4.9
	314.5	323.3	326.8	14.0	15.9	14.9	4.5	4.9	4.6
IDAHO									
Boise City	413.1	417.5	420.4	32.4	34.1	28.8	7.8	8.2	6.9
	89.7	86.9	88.3	5.7	5.9	6.7	6.3	6.7	7.6
ILLINOIS[2]									
Bloomington–Normal	5,517.0	5,525.6	5,431.6	505.0	461.0	453.9	9.2	8.3	8.4
Champaign–Urbana–Rantoul	60.5	63.3	61.9	4.4	3.3	3.6	7.2	5.2	5.8
Chicago	84.7	86.9	84.0	5.1	4.8	4.4	6.0	5.5	5.2
Davenport–Rock Island–Moline	3,475.1	3,468.2	3,415.0	296.8	274.8	268.6	8.5	7.9	7.9
Decatur	185.6	180.9	197.7	14.1	19.4	22.3	7.6	10.2	11.7
Kankakee	61.7	62.3	61.4	7.3	7.0	6.8	11.9	11.3	11.0
Peoria	41.5	41.3	40.4	5.2	5.5	5.3	12.6	13.3	13.2
Rockford	173.9	172.1	171.5	16.6	13.9	13.6	9.5	8.1	7.9
Springfield	135.6	135.2	134.0	20.1	16.8	13.3	14.8	12.4	10.0
	97.3	99.2	97.4	7.1	6.3	6.3	7.3	6.4	6.4
INDIANA									
Anderson	2,599.2	2,648.0	2,668.4	235.9	287.2	331.9	9.1	10.8	12.4
Elkhart	57.0	56.4	58.5	6.7	7.6	10.3	11.7	13.4	17.7
Evansville	66.4	67.5	67.7	6.2	7.5	8.4	9.3	11.1	12.3
Fort Wayne	144.9	149.0	150.4	10.0	14.2	16.1	6.9	9.5	10.7
Gary–Hammond–East Chicago	193.1	194.4	194.2	19.0	21.4	23.1	9.9	11.0	11.9
Indianapolis	293.4	296.5	299.2	30.4	37.8	43.8	10.3	12.8	14.6
Lafayette–West Lafayette	606.2	622.6	622.8	45.3	57.4	59.7	7.5	9.3	9.6
Muncie	63.4	65.5	65.2	3.6	4.9	5.2	5.6	7.5	8.0
South Bend	97.3	99.1	99.7	5.8	8.3	9.9	10.2	13.7	16.6
Terre Haute	137.0	136.8	140.0	17.8	12.5	15.8	9.3	9.1	11.3
	81.3	80.4	79.8	6.8	8.4	9.1	8.3	10.5	11.4
IOWA									
Cedar Rapids	1,399.4	1,439.9	1,443.7	80.3	102.6	128.1	5.7	7.1	8.9
Des Moines	88.6	88.2	88.6	5.7	7.4	8.9	6.5	8.4	10.0
Dubuque	183.6	185.8	188.7	10.1	13.0	15.1	5.5	7.0	8.0
Sioux City	45.3	46.0	46.3	4.1	5.3	5.7	9.1	11.5	12.3
Waterloo–Cedar Falls	53.6	54.6	55.1	3.3	4.0	4.8	6.1	7.3	8.8
	68.9	69.3	71.0	4.0	5.9	7.0	5.8	8.5	9.8
KANSAS									
Lawrence	1,190.2	1,215.2	1,209.7	52.3	54.0	52.4	4.4	4.4	4.3
Topeka	36.0	36.3	36.2	1.7	1.7	1.5	4.8	4.8	4.2
Wichita	95.7	98.0	97.4	5.5	5.5	5.4	5.7	5.6	5.5
	228.5	236.2	235.3	8.8	10.7	10.1	3.9	4.5	4.3
KENTUCKY									
Lexington–Fayette	1,609.0	1,650.9	1,637.1	121.8	153.1	168.9	7.6	9.4	10.4
Louisville	173.8	179.0	177.9	7.1	9.0	10.5	4.1	5.1	5.9
Owensboro	426.7	442.3	436.1	31.9	53.8	59.4	7.5	12.2	13.6
	42.5	43.0	42.9	2.9	3.4	4.0	6.9	7.8	9.4
LOUISIANA									
Alexandria	1,747.1	1,781.4	1,770.7	114.3	130.1	131.8	6.5	7.3	7.4
Baton Rouge	68.6	69.5	68.7	6.5	6.7	6.7	9.5	9.7	9.7
Lafayette	223.2	224.7	223.5	15.5	22.1	22.5	7.0	9.7	9.9
Lake Charles	81.8	88.6	88.1	2.8	3.7	4.2	3.4	4.3	4.7
Monroe	73.8	75.8	75.4	4.9	6.8	7.4	6.6	9.0	9.8
New Orleans	54.4	52.6	52.1	4.6	5.3	5.3	8.1	10.1	10.1
Shreveport	474.9	479.3	475.0	29.2	39.4	36.7	6.1	8.2	7.7
	155.6	154.9	154.4	10.8	11.7	11.7	6.9	7.6	7.6
MAINE									
Lewiston–Auburn	498.2	491.5	493.7	39.4	31.7	31.6	7.9	6.4	6.4
Portland	38.8	36.8	37.0	3.7	3.7	3.4	9.5	9.9	9.2
	92.1	92.3	93.7	5.9	5.0	4.7	6.4	4.8	4.8
MARYLAND									
Baltimore	2,144.0	2,154.9	2,142.1	132.4	170.1	171.3	6.2	7.9	7.9
	1,067.9	1,062.3	1,063.7	75.3	97.6	97.7	7.1	9.2	9.1

See footnote(s) at end of table.

STATE AND AREA UNEMPLOYMENT DATA

E-1. Labor force and unemployment by State and selected metropolitan areas—Continued

Numbers in thousands

State and area	Labor force			Unemployment					
				Number			Percent of labor force		
	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P
MASSACHUSETTS	2,954.0	3,061.7	3,045.0	139.0	194.7	211.3	4.4	6.4	6.9
Boston	1,447.7	1,516.7	1,507.7	59.3	84.1	86.5	3.7	5.5	5.8
Brockton	84.1	84.9	84.7	4.2	6.4	7.1	5.0	7.5	8.3
Fall River	74.1	76.7	75.6	4.9	7.1	7.5	6.5	9.3	9.9
Lawrence—Haverhill	143.8	147.3	146.6	6.8	10.3	10.4	4.7	6.9	7.1
Lowell	127.8	128.9	127.9	5.3	8.4	9.1	4.3	6.8	7.7
New Bedford	82.0	81.7	80.8	5.1	8.0	8.6	6.2	9.3	10.9
Springfield—Chicopee—Holyoke	278.8	286.8	287.1	13.1	19.3	21.7	4.7	6.4	7.6
Worcester	203.8	204.8	203.0	9.1	13.3	13.7	4.6	6.6	6.5
MICHIGAN	4,596.0	4,403.8	4,351.3	333.0	521.0	627.1	12.4	11.8	14.4
Ann Arbor	147.5	149.7	146.4	12.5	16.3	16.9	8.5	10.9	11.5
Battle Creek	79.4	81.9	80.9	9.6	7.8	10.5	12.1	9.6	12.9
Bay City	51.7	54.7	54.4	7.3	5.9	7.6	13.6	10.9	13.9
Detroit	2,036.9	2,058.5	2,035.0	262.8	356.8	385.0	12.9	17.4	19.0
Flint	227.4	237.7	231.7	31.4	38.6	38.1	13.8	16.2	16.5
Grand Rapids	318.0	335.8	333.1	28.3	30.3	38.5	9.0	9.0	11.5
Jackson	65.9	67.3	67.6	8.2	7.2	9.8	12.4	10.7	14.5
Kalamazoo—Portage	135.8	139.5	138.0	12.9	11.3	14.5	9.5	8.1	10.5
Lansing—East Lansing	231.8	251.9	246.1	23.9	23.0	26.5	10.3	9.1	10.8
Muskegon—Norton Shores—Muskegon Heights	78.7	78.9	77.9	11.3	8.7	11.4	14.4	11.0	14.6
Saginaw	100.6	103.2	103.3	11.6	12.9	16.5	11.5	12.5	16.0
MINNESOTA	2,086.9	2,173.3	2,157.0	139.6	176.7	140.8	6.7	5.4	6.5
Duluth—Superior	113.5	113.7	113.1	10.7	10.9	12.0	9.3	9.6	10.6
Minneapolis—St. Paul	1,178.8	1,196.0	1,194.4	53.8	58.5	60.5	4.8	4.9	5.1
Rochester	56.7	58.1	57.5	2.8	3.0	3.1	5.0	5.1	5.4
St. Cloud	73.8	73.4	74.5	6.2	6.2	6.7	8.4	8.3	8.9
MISSISSIPPI	1,015.0	1,020.3	1,027.0	75.5	93.4	95.3	7.4	9.1	9.3
Jackson	153.9	153.5	154.0	7.7	10.1	10.5	5.0	6.6	6.8
MISSOURI	2,372.3	2,388.7	2,379.3	154.5	160.4	177.1	6.8	7.0	7.8
Kansas City	680.4	686.1	676.4	40.7	44.8	48.0	6.0	6.6	7.1
St. Joseph	44.1	43.5	43.4	3.4	3.7	3.9	7.4	8.6	9.1
St. Louis	1,083.6	1,095.1	1,091.6	83.9	86.8	89.5	7.7	7.9	8.2
Springfield	104.0	107.0	105.3	6.1	5.8	6.3	5.8	5.4	6.0
MONTANA	364.8	381.6	384.9	32.6	25.7	27.8	8.3	6.7	7.2
Billings	57.3	58.2	59.6	2.6	2.5	2.7	4.5	4.2	4.5
Great Falls	33.9	35.9	36.4	2.5	2.2	2.4	7.3	6.2	6.5
NEBRASKA	765.3	789.3	786.0	34.4	33.7	36.9	4.5	4.3	4.7
Lincoln	111.4	114.4	114.7	4.5	4.8	4.9	4.1	4.2	4.3
Omaha	274.7	288.6	289.6	15.8	16.8	17.3	5.7	5.8	6.0
NEVADA	381.3	406.7	411.1	26.7	30.8	33.5	7.0	7.6	8.1
Las Vegas	210.1	226.3	229.8	17.7	18.5	20.5	8.4	8.2	8.9
Reno	108.0	112.9	113.5	5.2	6.9	7.4	4.8	6.1	6.5
NEW HAMPSHIRE	468.2	468.2	471.4	23.4	23.4	25.5	5.0	5.0	5.4
Manchester	81.0	81.6	81.0	4.8	4.0	5.4	5.8	5.0	6.5
Nashua	79.1	80.2	79.9	3.9	3.9	3.8	4.9	4.9	4.8
NEW JERSEY	3,585.0	3,559.3	3,515.6	268.0	249.4	257.8	7.5	7.0	7.3
Atlantic City	110.1	116.6	114.3	8.4	10.5	11.8	7.6	9.1	10.3
Jersey City	242.9	239.6	238.0	26.5	24.8	26.9	10.9	10.4	11.3
Long Branch—Asbury Park	231.0	239.5	235.9	16.9	16.8	16.7	7.3	7.0	7.1
New Brunswick—Perth Amboy—Sayreville	329.5	324.8	318.0	20.1	20.5	19.0	6.1	6.3	6.0
Newark	476.9	472.0	458.5	70.7	62.9	63.3	7.2	6.5	6.6
Paterson—Clifton—Passaic	209.6	208.6	207.8	18.3	16.0	17.4	8.7	7.7	8.4
Trenton	161.6	160.5	158.0	8.8	9.0	8.5	5.5	5.6	5.4
Vineland—Millville—Bridgeton	58.9	58.9	58.5	7.5	7.6	8.5	12.8	12.8	14.5
NEW MEXICO	547.9	564.1	561.0	40.8	38.0	36.7	7.6	6.9	6.5
Albuquerque	198.9	208.4	207.7	15.9	14.7	13.5	7.9	7.1	6.5

See footnotes at end of table.

E-1. Labor force and unemployment by State and selected metropolitan areas – Continued

(Numbers in thousands)

State and area	Labor force			Unemployment					
				Number			Percent of labor force		
	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P
NEW YORK[1]									
Albany–Schenectady–Troy	7,940.0	7,852.1	7,877.8	558.0	574.0	606.7	7.0	7.3	7.7
Binghamton[1]	380.1	371.8	376.7	22.2	22.9	24.3	5.8	6.2	6.5
Buffalo	141.9	143.2	143.2	8.4	9.5	9.2	5.9	6.6	6.4
Elmira	575.9	564.1	569.1	49.8	54.1	59.7	8.6	9.6	10.5
Nassau-Suffolk	39.7	39.9	39.8	2.9	2.9	3.0	7.3	7.4	7.6
New York	1,326.1	1,305.7	1,315.7	33.3	33.0	33.3	5.5	5.6	5.4
New York City[1]	3,545.7	3,516.6	3,512.3	254.3	271.6	288.4	7.2	7.7	8.2
Poughkeepsie	2,922.0	2,904.0	2,887.0	227.0	241.0	261.0	7.7	8.3	9.0
Rochester	108.9	109.9	110.8	6.2	5.9	6.0	5.7	5.4	5.4
Syracuse	476.6	475.0	476.7	26.8	28.8	30.7	5.6	6.1	6.4
Utica–Rome	305.4	301.6	303.4	21.6	20.7	21.8	7.0	6.9	7.2
	136.7	136.2	137.0	11.1	9.9	10.7	8.1	7.3	7.9
NORTH CAROLINA									
Asheville	2,732.6	2,781.1	2,781.7	176.0	173.0	189.7	6.4	6.2	6.8
Charlotte–Gastonia	81.5	83.3	82.8	5.3	5.2	5.6	6.5	6.3	6.8
Greensboro–Winston-Salem–High Point	346.6	356.4	357.3	15.4	16.9	17.3	4.4	4.7	4.8
Raleigh–Durham	415.4	430.1	429.9	23.2	24.1	24.3	5.6	5.6	5.6
	290.2	297.6	298.8	12.1	12.4	13.0	4.2	4.3	4.4
NORTH DAKOTA									
Fargo–Moorhead[1]	291.0	302.8	301.6	15.3	13.2	15.7	5.3	4.4	5.2
	70.4	71.9	73.5	4.0	3.7	3.9	5.7	4.5	4.8
OHIO[1]									
Akron	5,004.6	5,151.4	5,104.9	438.0	567.0	601.2	8.8	10.9	11.8
Canton	298.4	303.0	300.9	26.8	32.5	33.6	8.9	10.7	11.1
Cincinnati[1]	181.7	186.9	187.1	16.4	19.8	21.6	9.0	10.6	11.5
Cleveland	671.4	697.5	691.6	59.0	68.0	69.0	8.8	9.8	10.0
Columbus	927.2	925.3	917.3	69.6	87.4	92.6	7.5	9.3	9.9
Dayton	557.9	581.5	574.1	33.8	50.4	49.2	6.0	8.7	8.6
Toledo[1]	384.2	396.6	394.5	27.5	36.7	38.9	7.2	9.3	9.9
Youngstown–Warren	364.2	371.3	369.0	26.3	42.2	46.6	10.0	11.4	12.6
	230.8	235.1	232.3	29.9	29.4	37.1	13.0	12.5	15.9
OKLAHOMA									
Oklahoma City	1,330.0	1,407.6	1,408.0	57.7	54.7	54.7	4.3	3.9	3.9
Tulsa	409.4	442.1	448.1	16.3	18.2	14.9	4.0	4.1	3.3
	327.0	348.8	345.6	12.6	12.5	12.5	3.8	3.6	3.6
OREGON[1]									
Eugene–Springfield	1,248.2	1,317.1	1,323.3	107.9	141.9	154.5	8.6	10.8	11.7
Portland[1]	130.9	139.2	139.5	13.1	17.7	17.9	10.0	12.7	12.8
Salem	617.7	646.0	651.2	41.5	56.4	61.2	6.7	8.7	9.4
	116.4	122.4	121.4	9.8	10.7	12.5	8.4	8.8	10.3
PENNSYLVANIA[1]									
Allentown–Bethlehem–Easton[1]	5,341.0	5,463.4	5,386.3	403.0	472.8	500.0	7.5	8.7	9.3
Altoona	302.3	311.7	308.6	21.3	27.0	30.4	7.0	8.7	9.9
Erie	59.7	57.9	57.7	4.4	4.9	5.6	7.4	8.4	9.7
Harrisburg	135.2	134.8	132.9	11.7	12.3	13.1	8.7	9.1	9.9
Johnstown	217.9	234.2	231.2	11.8	13.6	14.2	5.4	5.8	6.1
Lancaster	108.0	106.5	104.0	13.4	14.3	15.3	12.4	13.4	14.7
Northeast Pennsylvania	176.1	186.1	182.5	9.3	11.1	11.8	5.3	6.1	6.5
Philadelphia[1]	288.2	288.6	286.9	30.6	29.4	34.0	10.6	10.2	11.9
Pittsburgh	2,144.2	2,154.3	2,136.5	134.1	167.9	172.7	6.3	7.8	8.1
Reading	1,010.4	1,060.0	1,023.7	70.5	81.1	83.5	7.0	7.6	8.2
Williamsport	156.2	164.6	162.7	10.5	12.7	13.5	6.7	7.7	8.2
York	52.0	53.3	52.7	3.5	3.8	4.0	6.6	7.1	7.6
	174.7	182.1	178.3	12.4	14.0	14.3	7.1	7.7	8.0
RHODE ISLAND									
Providence–Warwick–Pawtucket[1]	461.6	469.9	471.7	28.6	30.8	36.9	6.4	6.6	7.8
	461.1	467.5	468.9	28.6	30.7	36.8	6.2	6.6	7.8
SOUTH CAROLINA									
Charleston–North Charleston	1,299.9	1,337.7	1,331.3	91.0	132.7	131.4	7.0	9.2	9.9
Columbia	156.4	164.3	162.6	10.2	14.2	13.3	6.5	8.7	8.2
Greenville–Spartanburg	175.5	178.4	177.3	8.4	11.9	11.6	4.8	6.7	6.5
	262.2	268.3	270.3	13.4	22.1	26.0	5.1	8.2	9.6
SOUTH DAKOTA									
Rapid City	325.5	336.9	334.9	14.9	14.2	15.8	5.2	4.9	4.7
Sioux Falls	40.0	N.A.	41.0	2.4	N.A.	2.3	6.1	N.A.	5.5
	63.3	N.A.	66.1	3.0	N.A.	3.6	4.8	N.A.	4.6
TENNESSEE									
Chattanooga[1]	2,004.5	2,082.6	2,055.7	147.1	199.4	214.7	7.3	9.6	10.4
Knoxville	188.7	191.6	190.1	13.3	17.0	16.9	7.0	8.9	8.9
Memphis[1]	314.5	321.2	318.8	17.7	18.3	17.6	5.6	5.7	5.5
Nashville–Davidson	390.7	405.2	402.2	25.2	36.9	37.8	6.5	9.1	9.4
	409.6	419.9	417.9	22.6	28.2	33.0	5.5	6.7	7.9

See footnotes at end of table.

STATE AND AREA UNEMPLOYMENT DATA

E-1 Labor force and unemployment by State and selected metropolitan areas—Continued

(Numbers in thousands)

State and area	Labor force			Unemployment					
				Number			Percent of labor force		
	DEC. 1980	NOV. 1981	DEC. 1981p	DEC. 1980	NOV. 1981	DEC. 1981p	DEC. 1980	NOV. 1981	DEC. 1981p
TEXAS	8,358.0	8,766.4	8,669.3	108.0	111.0	101.9	3.9	3.5	3.5
Amarillo	88.1	90.4	90.5	3.5	4.0	3.9	4.1	4.5	4.3
Austin	394.5	408.3	405.2	8.5	10.5	8.9	3.6	3.1	3.3
Beaumont–Port Arthur–Orange	169.0	169.3	165.8	10.2	11.4	8.8	6.0	6.7	5.3
Corpus Christi	139.6	138.5	140.5	7.3	9.7	7.3	5.5	6.7	5.1
Dallas–Fort Worth	1,567.8	1,617.3	1,610.3	67.5	79.5	63.6	4.0	3.9	3.9
El Paso	123.3	129.6	125.9	13.1	15.8	12.4	8.2	8.8	7.1
Galveston–Texas City	85.2	88.0	86.5	5.3	6.1	5.3	6.4	7.1	6.3
Houston	1,488.8	1,598.3	1,573.1	53.8	72.3	60.0	3.8	4.6	3.9
Lubbock	100.8	102.8	102.6	3.9	5.3	3.7	3.8	5.1	3.6
San Antonio	426.5	443.4	435.7	24.9	30.3	23.8	5.8	6.8	5.2
Waco	80.3	83.0	82.0	3.9	5.0	3.7	4.8	6.0	4.5
Wichita Falls	85.3	85.5	83.7	3.9	4.9	3.4	4.5	5.7	4.1
UTAH	433.3	435.1	434.3	19.4	23.3	18.6	4.5	5.4	4.3
Salt Lake City–Ogden	695.2	N.A.	N.A.	29.3	N.A.	N.A.	4.2	N.A.	N.A.
VERMONT	268.9	274.3	274.3	15.5	14.9	15.4	5.7	5.5	5.6
VIRGINIA	2,961.0	3,035.2	3,043.8	137.4	155.5	133.1	4.6	5.0	4.3
Lynchburg	78.9	78.5	80.3	4.5	4.6	4.2	5.6	5.9	5.2
Newport News–Hampton	168.9	173.6	174.1	8.9	10.7	11.4	5.2	6.2	6.5
Norfolk–Virginia Beach–Portsmouth	328.3	340.0	343.1	18.2	21.3	21.0	5.5	6.2	6.1
Petersburg–Colonial Heights–Hopewell	61.5	59.3	59.5	3.4	3.3	3.9	5.5	5.5	6.5
Richmond	343.9	353.8	358.9	13.5	16.0	15.3	3.9	4.7	4.3
Roanoke	111.4	110.9	113.3	5.0	6.9	7.9	4.5	6.1	7.1
WASHINGTON	1,901.1	1,916.3	1,918.1	133.1	191.1	216.3	8.1	10.1	11.1
Seattle–Everett	859.3	864.1	851.1	53.1	71.8	76.3	6.2	8.5	9.0
Spokane	165.9	165.4	168.2	12.0	14.3	18.3	6.7	10.1	10.9
Tacoma	177.4	177.4	176.8	13.6	17.4	18.8	6.9	10.1	10.6
WEST VIRGINIA	713.7	724.7	723.5	75.9	75.5	81.5	9.8	9.7	10.5
Charleston	129.0	126.1	125.9	10.3	9.5	9.6	8.0	7.5	7.6
Huntington–Ashland	125.4	127.1	126.6	13.7	13.9	13.2	10.1	10.1	10.4
Parkersburg–Marietta	73.4	73.5	73.4	7.4	7.5	7.3	10.2	10.3	10.1
Wheeling	81.5	81.9	82.0	7.1	8.4	9.0	9.0	10.6	11.1
WISCONSIN	2,796.9	2,836.0	2,827.5	168.9	195.8	220.6	7.1	8.0	9.1
Appleton–Oshkosh	150.0	151.2	151.2	11.5	11.3	13.1	7.6	7.5	8.7
Eau Claire	58.3	59.9	59.0	3.8	5.5	5.1	6.4	7.4	8.7
Green Bay	89.5	91.3	91.9	6.1	7.5	7.8	7.0	8.1	8.6
Janesville–Beloit	70.2	73.0	73.0	6.5	11.0	11.2	6.9	16.5	15.7
Kenosha	58.6	58.0	57.8	5.3	6.6	5.3	8.8	7.9	9.1
La Crosse	59.7	57.8	57.9	3.7	3.9	4.3	6.5	7.5	8.5
Madison	185.3	189.7	188.9	9.6	10.2	11.5	5.6	5.6	6.1
Milwaukee	776.3	781.5	780.0	47.0	55.8	60.0	6.5	7.5	8.1
Racine	87.4	87.1	86.6	7.5	7.5	8.3	8.6	8.6	9.8
WYOMING	239.1	248.5	248.5	9.8	10.5	10.7	4.1	4.2	4.3

[1] Includes interstate portion of area located in adjacent State.
[2] Data are obtained directly from the Current Population Survey. (See "Explanatory Notes" for State and Area Unemployment Data in Employment and Earnings, monthly.)

NOTE: Estimates for 1980 have been benchmarked to 1980 Current Population Survey annual averages. Except in the 10 States and 2 areas designated by footnote 2, estimates for 1981 are preliminary and will be revised when new benchmark information becomes available. Data refer to place of residence.

p = preliminary.
N.A. = not available.

SOURCE: Current Population Survey and Cooperating State Employment Security Agencies listed on inside back cover.

Revised

Seasonally Adjusted

Labor Force Series

HOUSEHOLD DATA
SEASONALLY ADJUSTED

Revised Seasonally Adjusted Labor Force Series

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
IN THOUSANDS												
TOTAL LABOR FORCE												
1970.....	85,367	85,492	85,816	85,998	85,711	85,663	86,055	86,014	86,063	86,355	86,587	86,68
1971.....	86,826	86,553	86,505	86,828	86,985	86,522	87,137	87,448	87,480	87,589	88,154	88,28
1972.....	88,572	88,576	89,115	89,077	89,228	89,399	89,531	89,913	89,797	89,906	90,023	90,38
1973.....	89,891	90,756	91,207	91,368	91,311	91,863	91,915	91,816	92,129	92,420	92,999	93,17
1974.....	93,457	93,743	93,704	93,530	93,826	94,079	94,432	94,279	94,705	94,731	94,978	94,99
1975.....	95,321	94,974	95,363	95,594	96,065	95,753	96,207	96,347	96,372	96,431	96,405	96,56
1976.....	97,074	97,144	97,362	97,890	97,989	98,022	98,723	98,888	98,698	98,851	99,403	99,49
1977.....	99,341	99,922	100,253	100,462	100,793	101,222	101,048	101,503	101,584	101,949	102,708	102,62
1978.....	102,983	102,930	103,198	103,678	104,045	104,429	104,538	104,673	104,938	105,215	105,666	105,95
1979.....	106,130	106,515	106,614	106,196	106,315	106,673	107,121	107,241	107,693	107,817	107,917	108,45
1980.....	108,574	108,634	108,411	108,574	109,110	108,901	109,320	109,273	109,353	109,558	109,719	109,65
1981.....	110,048	110,155	110,492	110,906	111,420	110,565	110,827	110,978	110,659	111,170	111,430	111,34
CIVILIAN LABOR FORCE												
1970.....	81,981	82,151	82,498	82,727	82,483	82,484	82,901	82,880	82,954	83,276	83,548	83,67
1971.....	83,850	83,603	83,575	83,946	84,135	83,706	84,340	84,673	84,731	84,872	85,458	85,62
1972.....	85,978	86,036	86,611	86,614	86,809	87,006	87,143	87,517	87,392	87,491	87,592	87,94
1973.....	87,487	88,364	88,846	89,018	88,977	89,548	89,604	89,509	89,838	90,131	90,716	90,89
1974.....	91,199	91,485	91,453	91,287	91,596	91,868	92,212	92,059	92,488	92,518	92,766	92,78
1975.....	93,128	92,776	93,165	93,399	93,884	93,575	94,021	94,162	94,202	94,267	94,250	94,40
1976.....	94,934	94,998	95,215	95,746	95,847	95,885	96,583	96,741	96,553	96,704	97,254	97,34
1977.....	97,208	97,785	98,115	98,330	98,665	99,093	98,913	99,366	99,453	99,815	100,576	100,49
1978.....	100,862	100,806	101,076	101,560	101,932	102,331	102,422	102,551	102,815	103,093	103,549	103,84
1979.....	104,036	104,421	104,524	104,114	104,237	104,597	105,039	105,151	105,601	105,724	105,825	106,36
1980.....	106,493	106,548	106,321	106,482	107,022	106,809	107,221	107,159	107,232	107,437	107,600	107,53
1981.....	107,923	108,034	108,364	108,777	109,293	108,434	108,688	108,818	108,494	109,012	109,272	109,18
CIVILIAN LABOR FORCE - MALES												
1970.....	50,778	50,935	51,087	51,145	51,201	51,121	51,243	51,220	51,411	51,413	51,630	51,81
1971.....	51,755	51,653	51,634	51,996	52,163	51,920	52,338	52,426	52,370	52,396	52,676	52,75
1972.....	52,885	53,003	53,306	53,287	53,379	53,582	53,603	53,836	53,785	53,783	53,858	54,05
1973.....	53,785	54,153	54,493	54,435	54,344	54,586	54,743	54,590	54,709	54,927	55,175	55,36
1974.....	55,736	55,739	55,590	55,432	55,612	55,659	55,576	55,685	55,893	55,985	56,107	56,03
1975.....	56,042	55,949	56,059	56,165	56,441	56,199	56,482	56,473	56,526	56,427	56,461	56,38
1976.....	56,620	56,631	56,702	57,082	57,072	56,970	57,304	57,390	57,391	57,498	57,683	57,74
1977.....	57,637	57,916	57,928	58,016	58,200	58,448	58,374	58,560	58,383	58,846	59,091	59,12
1978.....	59,189	59,133	59,179	59,319	59,467	59,624	59,601	59,711	59,686	59,891	60,182	60,30
1979.....	60,519	60,629	60,521	60,414	60,417	60,615	60,806	60,726	61,049	60,955	60,984	61,19
1980.....	61,249	61,371	61,243	61,247	61,621	61,432	61,602	61,480	61,604	61,698	61,749	61,66
1981.....	61,779	61,750	61,906	62,092	62,364	61,694	61,811	61,936	61,977	62,064	62,184	62,30
CIVILIAN LABOR FORCE - FEMALES												
1970.....	31,203	31,216	31,411	31,582	31,282	31,363	31,658	31,660	31,543	31,863	31,918	31,85
1971.....	32,095	31,950	31,941	31,950	31,972	31,786	32,002	32,247	32,361	32,476	32,782	32,86
1972.....	33,093	33,033	33,305	33,327	33,430	33,424	33,540	33,681	33,607	33,708	33,734	33,89
1973.....	33,702	34,211	34,353	34,583	34,633	34,962	34,861	34,919	35,129	35,204	35,541	35,52
1974.....	35,463	35,746	35,863	35,855	35,984	36,209	36,636	36,374	36,595	36,533	36,659	36,74
1975.....	37,086	36,827	37,106	37,234	37,443	37,376	37,539	37,689	37,676	37,840	37,789	38,02
1976.....	38,314	38,367	38,513	38,664	38,775	38,915	39,279	39,351	39,162	39,206	39,571	39,60
1977.....	39,571	39,867	40,187	40,314	40,465	40,645	40,539	40,806	41,070	40,969	41,485	41,36
1978.....	41,673	41,673	41,897	42,241	42,465	42,707	42,821	42,840	43,129	43,202	43,367	43,53
1979.....	43,517	43,792	44,003	43,700	43,820	43,982	44,233	44,425	44,552	44,769	44,841	45,16
1980.....	45,244	45,177	45,078	45,235	45,401	45,377	45,619	45,679	45,628	45,739	45,851	45,86
1981.....	46,144	46,284	46,458	46,685	46,929	46,740	46,877	46,882	46,517	46,948	47,088	46,88
CIVILIAN LABOR FORCE - BOTH SEXES 16-19 YEARS												
1970.....	7,185	7,202	7,231	7,197	7,181	7,112	7,187	7,255	7,370	7,347	7,369	7,34
1971.....	7,413	7,410	7,346	7,424	7,407	7,130	7,597	7,607	7,452	7,523	7,661	7,70
1972.....	7,856	7,921	8,005	7,999	7,971	8,037	8,012	8,232	8,046	8,100	8,182	8,24
1973.....	7,950	8,300	8,426	8,466	8,403	8,630	8,462	8,457	8,638	8,732	8,803	8,79
1974.....	8,846	8,873	8,858	8,683	8,779	8,940	8,894	8,726	9,045	9,014	8,963	8,86
1975.....	8,943	8,825	8,837	8,767	8,956	8,823	8,887	8,861	8,912	8,835	8,791	8,89
1976.....	8,967	8,981	9,007	9,151	9,155	8,943	9,204	9,168	8,968	9,054	9,055	9,01
1977.....	9,025	9,198	9,257	9,289	9,279	9,525	9,377	9,550	9,340	9,441	9,551	9,40
1978.....	9,478	9,449	9,447	9,528	9,683	9,734	9,763	9,881	9,705	9,732	9,704	9,72
1979.....	9,745	9,752	9,738	9,657	9,579	9,630	9,618	9,429	9,638	9,582	9,601	9,71
1980.....	9,578	9,487	9,475	9,271	9,502	9,410	9,503	9,212	9,320	9,323	9,248	9,21
1981.....	9,287	9,244	9,184	9,288	9,206	8,759	8,834	8,902	8,888	8,826	8,826	8,63
CIVILIAN LABOR FORCE - MALES 16-19 YEARS												
1970.....	3,936	3,974	4,037	3,972	3,982	3,943	3,992	3,970	4,046	4,015	4,067	4,15
1971.....	4,128	4,129	4,059	4,158	4,153	3,980	4,259	4,225	4,138	4,235	4,301	4,29
1972.....	4,343	4,410	4,451	4,405	4,423	4,454	4,399	4,617	4,513	4,519	4,538	4,56
1973.....	4,396	4,576	4,681	4,667	4,605	4,714	4,725	4,662	4,758	4,829	4,851	4,83
1974.....	4,874	4,873	4,869	4,783	4,837	4,913	4,860	4,778	4,937	4,897	4,894	4,85
1975.....	4,829	4,808	4,807	4,774	4,834	4,818	4,821	4,781	4,815	4,773	4,761	4,76
1976.....	4,867	4,869	4,854	4,983	4,911	4,793	4,932	4,927	4,831	4,898	4,881	4,91
1977.....	4,853	4,944	4,958	5,007	5,073	5,135	5,079	5,095	5,026	5,121	5,191	5,12
1978.....	5,123	5,093	5,080	5,087	5,100	5,181	5,180	5,245	5,163	5,214	5,160	5,14
1979.....	5,182	5,155	5,150	5,117	5,082	5,113	5,124	5,029	5,169	5,042	5,074	5,14
1980.....	5,066	5,044	5,089	4,981	5,067	5,040	5,061	4,881	4,937	4,986	4,939	4,88
1981.....	4,976	4,934	4,878	4,935	4,885	4,600	4,639	4,686	4,715	4,709	4,725	4,63

IN THOUSANDS	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
CIVILIAN LABOR FORCE - FEMALES 16-19 YEARS												
1970	3,249	3,228	3,194	3,225	3,199	3,169	3,195	3,285	3,324	3,332	3,302	3,190
1971	3,285	3,281	3,287	3,266	3,254	3,150	3,338	3,382	3,314	3,288	3,360	3,404
1972	3,513	3,511	3,554	3,594	3,548	3,583	3,613	3,615	3,533	3,581	3,644	3,682
1973	3,554	3,724	3,745	3,799	3,798	3,916	3,737	3,795	3,880	3,903	3,952	3,958
1974	3,972	4,000	3,989	3,900	3,942	4,027	4,036	3,948	4,108	4,117	4,069	4,015
1975	4,114	4,017	4,030	3,993	4,122	4,005	4,066	4,080	4,097	4,062	4,030	4,123
1976	4,100	4,112	4,153	4,168	4,264	4,150	4,272	4,241	4,137	4,156	4,174	4,097
1977	4,172	4,254	4,299	4,282	4,206	4,390	4,298	4,455	4,314	4,320	4,360	4,282
1978	4,355	4,356	4,367	4,441	4,583	4,553	4,583	4,636	4,542	4,518	4,544	4,572
1979	4,563	4,597	4,588	4,540	4,497	4,517	4,494	4,480	4,469	4,540	4,527	4,568
1980	4,512	4,443	4,386	4,290	4,435	4,370	4,442	4,331	4,383	4,337	4,309	4,329
1981	4,311	4,310	4,306	4,353	4,321	4,159	4,195	4,216	4,173	4,117	4,101	3,993
CIVILIAN LABOR FORCE - BOTH SEXES 20 YEARS AND OVER												
1970	74,796	74,949	75,267	75,530	75,302	75,372	75,714	75,625	75,584	75,929	76,179	76,321
1971	76,437	76,193	76,229	76,522	76,726	76,576	76,743	77,066	77,279	77,349	77,797	77,923
1972	78,122	78,115	78,606	78,615	78,838	78,969	79,131	79,285	79,306	79,391	79,410	79,699
1973	79,537	80,064	80,420	80,552	80,574	80,918	81,142	81,052	81,200	81,399	81,913	82,094
1974	82,353	82,612	82,595	82,604	82,817	82,928	83,318	83,333	83,443	83,504	83,803	83,911
1975	84,185	83,951	84,328	84,632	84,928	84,752	85,134	85,301	85,290	85,432	85,459	85,518
1976	85,967	86,017	86,208	86,595	86,692	86,942	87,379	87,573	87,585	87,650	88,199	88,337
1977	88,183	88,587	88,858	89,041	89,386	89,568	89,536	89,816	90,113	90,374	91,025	91,085
1978	91,384	91,357	91,629	92,032	92,249	92,597	92,659	92,670	93,110	93,361	93,805	94,123
1979	94,291	94,669	94,786	94,457	94,658	94,967	95,421	95,722	95,963	96,142	96,224	96,651
1980	96,915	97,061	96,846	97,211	97,520	97,399	97,718	97,947	97,912	98,114	98,352	98,321
1981	98,636	98,790	99,180	99,489	100,087	99,675	99,854	99,916	99,606	100,186	100,446	100,553
CIVILIAN LABOR FORCE - MALES 20 YEARS AND OVER												
1970	46,842	46,961	47,050	47,173	47,219	47,178	47,251	47,250	47,365	47,398	47,563	47,650
1971	47,627	47,524	47,575	47,838	48,010	47,940	48,079	48,201	48,232	48,161	48,375	48,458
1972	48,542	48,593	48,855	48,882	48,956	49,128	49,204	49,219	49,272	49,264	49,320	49,489
1973	49,389	49,577	49,812	49,768	49,739	49,872	50,018	49,928	49,951	50,098	50,324	50,530
1974	50,862	50,866	50,721	50,649	50,775	50,746	50,716	50,907	50,956	51,088	51,213	51,185
1975	51,213	51,141	51,252	51,391	51,607	51,381	51,661	51,692	51,711	51,654	51,700	51,612
1976	51,753	51,762	51,848	52,099	52,161	52,177	52,372	52,463	52,560	52,600	52,802	52,826
1977	52,784	52,974	52,970	53,009	53,127	53,313	53,295	53,465	53,357	53,725	53,900	54,001
1978	54,066	54,040	54,099	54,232	54,367	54,403	54,421	54,466	54,523	54,677	55,022	55,160
1979	55,337	55,474	55,371	55,297	55,335	55,502	55,682	55,697	55,880	55,913	55,910	56,052
1980	56,183	56,327	56,154	56,266	56,554	56,392	56,541	56,599	56,667	56,712	56,810	56,788
1981	56,803	56,816	57,028	57,157	57,479	57,094	57,172	57,250	57,262	57,355	57,459	57,665
CIVILIAN LABOR FORCE - FEMALES 20 YEARS AND OVER												
1970	27,954	27,983	28,217	28,357	28,083	28,194	28,463	28,375	28,219	28,531	28,616	28,663
1971	28,810	28,669	28,654	28,684	28,718	28,636	28,664	28,865	29,047	29,188	29,422	29,465
1972	29,580	29,522	29,751	29,733	29,882	29,841	29,927	30,066	30,074	30,127	30,090	30,210
1973	30,148	30,487	30,608	30,784	30,835	31,046	31,124	31,124	31,269	31,301	31,589	31,564
1974	31,491	31,746	31,874	31,955	32,042	32,182	32,602	32,426	32,487	32,416	32,590	32,726
1975	32,972	32,810	33,076	33,241	33,321	33,371	33,473	33,609	33,579	33,778	33,789	33,906
1976	34,214	34,255	34,360	34,496	34,531	34,765	35,007	35,110	35,025	35,050	35,397	35,511
1977	35,399	35,613	35,888	36,032	36,259	36,255	36,241	36,351	36,756	36,649	37,125	37,084
1978	37,318	37,317	37,530	37,800	37,882	38,154	38,238	38,204	38,587	38,684	38,823	38,963
1979	38,954	39,195	39,415	39,160	39,323	39,465	39,739	40,025	40,083	40,229	40,314	40,599
1980	40,732	40,734	40,692	40,945	40,966	41,007	41,177	41,348	41,245	41,402	41,542	41,533
1981	41,833	41,974	42,152	42,332	42,608	42,581	42,682	42,666	42,344	42,831	42,987	42,880
CIVILIAN LABOR FORCE - BOTH SEXES 20-24 YEARS												
1970	10,256	10,326	10,333	10,408	10,467	10,451	10,638	10,682	10,845	10,871	10,932	11,019
1971	11,009	10,970	11,031	11,189	11,273	11,176	11,393	11,580	11,537	11,540	11,579	11,730
1972	11,768	11,813	11,902	11,950	12,021	12,096	12,167	12,227	12,274	12,388	12,384	12,472
1973	12,489	12,618	12,743	12,776	12,755	12,838	12,876	12,810	12,922	13,002	13,078	13,178
1974	13,059	13,175	13,156	13,168	13,256	13,215	13,292	13,349	13,490	13,506	13,587	13,623
1975	13,613	13,597	13,639	13,701	13,823	13,659	13,832	13,858	13,892	13,831	13,747	13,893
1976	13,951	14,010	14,048	14,249	14,269	14,260	14,406	14,328	14,305	14,429	14,552	14,577
1977	14,573	14,690	14,700	14,631	14,660	14,869	14,823	14,936	14,971	14,938	14,978	15,042
1978	15,143	15,066	15,137	15,278	15,245	15,485	15,403	15,468	15,496	15,522	15,521	15,609
1979	15,614	15,745	15,776	15,721	15,686	15,766	15,796	15,798	15,896	15,797	15,793	15,876
1980	15,875	15,858	15,812	15,872	16,016	15,875	15,948	15,950	15,948	16,044	16,040	15,976
1981	16,094	16,053	16,062	16,117	16,225	16,036	16,111	16,143	16,058	16,132	16,058	16,103
CIVILIAN LABOR FORCE - MALES 20-24 YEARS												
1970	5,455	5,518	5,526	5,584	5,634	5,633	5,750	5,789	5,907	5,896	5,965	6,020
1971	6,008	5,985	6,040	6,156	6,211	6,176	6,251	6,351	6,329	6,378	6,386	6,506
1972	6,528	6,574	6,667	6,670	6,639	6,767	6,801	6,797	6,860	6,923	6,919	6,994
1973	6,979	7,034	7,122	7,145	7,129	7,165	7,190	7,157	7,188	7,282	7,334	7,431
1974	7,374	7,349	7,289	7,306	7,375	7,359	7,322	7,355	7,482	7,510	7,539	7,489
1975	7,483	7,485	7,511	7,544	7,601	7,504	7,614	7,629	7,681	7,623	7,567	7,616
1976	7,649	7,726	7,713	7,839	7,854	7,822	7,903	7,860	7,907	7,982	8,041	8,084
1977	8,055	8,081	8,058	8,006	7,967	8,106	8,124	8,209	8,142	8,159	8,154	8,182
1978	8,216	8,175	8,242	8,281	8,265	8,344	8,303	8,384	8,341	8,390	8,452	8,438
1979	8,486	8,517	8,465	8,530	8,433	8,535	8,552	8,533	8,632	8,612	8,548	8,598
1980	8,613	8,625	8,616	8,613	8,713	8,590	8,591	8,605	8,616	8,651	8,625	8,580
1981	8,634	8,612	8,653	8,643	8,737	8,589	8,651	8,682	8,654	8,643	8,618	8,658

HOUSEHOLD DATA
SEASONALLY ADJUSTED

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
IN THOUSANDS												
CIVILIAN LABOR FORCE - FEMALES 20-24 YEARS												
1970.....	4,801	4,808	4,807	4,824	4,833	4,818	4,888	4,893	4,938	4,975	4,967	4,999
1971.....	5,001	4,985	4,991	5,033	5,062	5,000	5,142	5,149	5,208	5,162	5,193	5,224
1972.....	5,240	5,239	5,235	5,280	5,382	5,329	5,366	5,430	5,414	5,465	5,465	5,478
1973.....	5,510	5,584	5,621	5,631	5,626	5,673	5,686	5,653	5,734	5,720	5,744	5,747
1974.....	5,685	5,826	5,867	5,862	5,879	5,856	5,970	5,994	6,008	5,996	6,048	6,134
1975.....	6,130	6,112	6,128	6,157	6,222	6,155	6,218	6,229	6,211	6,208	6,180	6,277
1976.....	6,303	6,284	6,335	6,410	6,415	6,438	6,503	6,468	6,398	6,442	6,511	6,493
1977.....	6,518	6,609	6,642	6,625	6,693	6,763	6,699	6,727	6,829	6,779	6,824	6,860
1978.....	6,927	6,891	6,895	6,997	6,980	7,101	7,100	7,084	7,155	7,132	7,069	7,171
1979.....	7,128	7,228	7,311	7,191	7,233	7,231	7,244	7,265	7,264	7,185	7,245	7,278
1980.....	7,262	7,233	7,196	7,259	7,303	7,285	7,357	7,345	7,332	7,393	7,415	7,396
1981.....	7,460	7,441	7,409	7,474	7,488	7,447	7,460	7,461	7,404	7,489	7,440	7,445
CIVILIAN LABOR FORCE - BOTH SEXES 25 YEARS AND OVER												
1970.....	64,538	64,631	64,923	65,097	64,798	64,947	65,055	64,989	64,748	65,086	65,243	65,292
1971.....	65,429	65,222	65,186	65,309	65,434	65,382	65,315	65,584	65,768	65,877	66,197	66,182
1972.....	66,377	66,311	66,699	66,643	66,809	66,853	66,921	67,047	67,133	67,088	66,996	67,230
1973.....	67,075	67,447	67,666	67,759	67,824	68,051	68,229	68,198	68,353	68,481	68,787	68,903
1974.....	69,317	69,438	69,419	69,410	69,568	69,702	70,033	69,931	70,051	70,109	70,150	70,253
1975.....	70,549	70,310	70,623	70,902	71,108	71,159	71,395	71,405	71,540	71,752	71,625	71,569
1976.....	71,983	71,962	72,106	72,327	72,410	72,739	73,055	73,191	73,404	73,356	73,549	73,701
1977.....	73,586	73,866	74,129	74,401	74,697	74,752	74,787	74,811	75,216	75,534	75,952	75,998
1978.....	76,229	76,271	76,480	76,760	76,970	77,202	77,300	77,137	77,686	77,913	78,239	78,471
1979.....	78,674	78,914	79,024	78,747	78,955	79,264	79,656	79,884	80,105	80,395	80,338	80,739
1980.....	81,039	81,191	81,058	81,353	81,429	81,618	81,819	81,996	82,006	82,098	82,208	82,274
1981.....	82,535	82,733	83,150	83,393	83,793	83,728	83,788	83,781	83,568	84,056	84,293	84,362
CIVILIAN LABOR FORCE - MALES 25 YEARS AND OVER												
1970.....	41,367	41,441	41,521	41,577	41,572	41,544	41,505	41,490	41,454	41,547	41,600	41,630
1971.....	41,596	41,527	41,533	41,668	41,788	41,744	41,822	41,868	41,918	41,861	41,979	41,947
1972.....	41,997	42,016	42,193	42,200	42,305	42,388	42,385	42,420	42,452	42,429	42,387	42,507
1973.....	42,388	42,532	42,683	42,609	42,603	42,699	42,803	42,746	42,826	42,892	42,970	43,108
1974.....	43,462	43,505	43,417	43,322	43,383	43,397	43,390	43,540	43,561	43,672	43,642	43,690
1975.....	43,674	43,685	43,685	43,828	43,958	43,934	44,086	44,088	44,171	44,157	44,082	43,976
1976.....	44,053	43,988	44,095	44,243	44,254	44,406	44,488	44,619	44,780	44,708	44,707	44,718
1977.....	44,698	44,855	44,898	44,993	45,096	45,246	45,187	45,262	45,295	45,626	45,691	45,793
1978.....	45,834	45,834	45,863	45,946	46,041	46,135	46,124	46,095	46,234	46,329	46,518	46,686
1979.....	46,843	46,941	46,928	46,770	46,846	47,011	47,136	47,188	47,279	47,332	47,302	47,412
1980.....	47,568	47,691	47,578	47,667	47,747	47,866	47,979	48,042	48,076	48,084	48,114	48,129
1981.....	48,164	48,203	48,418	48,537	48,654	48,573	48,545	48,605	48,615	48,716	48,774	48,908
CIVILIAN LABOR FORCE - FEMALES 25 YEARS AND OVER												
1970.....	23,171	23,190	23,402	23,520	23,226	23,403	23,550	23,499	23,294	23,539	23,643	23,662
1971.....	23,833	23,695	23,653	23,641	23,646	23,638	23,693	23,716	23,850	24,016	24,218	24,235
1972.....	24,380	24,295	24,506	24,443	24,504	24,505	24,536	24,627	24,681	24,659	24,609	24,723
1973.....	24,687	24,915	24,983	25,150	25,221	25,352	25,421	25,452	25,527	25,589	25,817	25,795
1974.....	25,855	25,933	26,002	26,068	26,185	26,305	26,643	26,391	26,490	26,437	26,508	26,563
1975.....	26,875	26,705	26,938	27,074	27,150	27,225	27,309	27,317	27,369	27,595	27,543	27,593
1976.....	27,930	27,974	28,011	28,084	28,156	28,333	28,567	28,572	28,624	28,648	28,842	28,983
1977.....	28,888	29,011	29,231	29,408	29,601	29,506	29,600	29,549	29,921	29,908	30,261	30,205
1978.....	30,395	30,437	30,617	30,814	30,929	31,067	31,176	31,042	31,432	31,584	31,721	31,785
1979.....	31,831	31,973	32,096	31,977	32,109	32,253	32,520	32,696	32,826	33,063	33,036	33,327
1980.....	33,471	33,500	33,480	33,686	33,682	33,752	33,840	33,954	33,928	34,014	34,094	34,145
1981.....	34,371	34,530	34,732	34,856	35,139	35,155	35,243	35,176	34,953	35,340	35,519	35,454
CIVILIAN LABOR FORCE - BOTH SEXES 25-54 YEARS												
1970.....	50,122	50,139	50,322	50,466	50,272	50,464	50,583	50,510	50,326	50,593	50,738	50,746
1971.....	50,771	50,802	50,691	50,721	50,861	50,912	50,912	51,086	51,259	51,355	51,530	51,588
1972.....	51,737	51,852	52,131	52,092	52,249	52,318	52,418	52,509	52,529	52,544	52,564	52,832
1973.....	52,859	53,208	53,384	53,528	53,611	53,835	53,975	53,959	54,114	54,323	54,530	54,701
1974.....	55,053	55,126	55,109	55,096	55,327	55,514	55,795	55,691	55,803	55,962	56,084	56,110
1975.....	56,256	56,022	56,318	56,527	56,689	56,864	56,961	57,200	57,241	57,523	57,375	57,378
1976.....	57,637	57,710	57,865	58,122	58,194	58,471	58,707	58,837	58,958	59,006	59,150	59,341
1977.....	59,261	59,494	59,776	59,929	60,114	60,316	60,339	60,462	60,636	60,848	61,189	61,291
1978.....	61,524	61,609	61,823	61,962	62,157	62,255	62,440	62,429	62,852	63,104	63,259	63,496
1979.....	63,597	63,819	63,965	63,810	63,958	64,249	64,683	64,897	65,063	65,254	65,276	65,696
1980.....	65,906	66,025	66,069	66,283	66,392	66,511	66,748	66,874	67,028	67,093	67,257	67,333
1981.....	67,613	67,708	68,039	68,248	68,669	68,599	68,716	68,833	68,686	69,084	69,404	69,371
CIVILIAN LABOR FORCE - MALES 25-54 YEARS												
1970.....	32,052	32,078	32,162	32,196	32,208	32,275	32,255	32,238	32,236	32,321	32,377	32,345
1971.....	32,314	32,349	32,321	32,393	32,455	32,508	32,571	32,586	32,675	32,690	32,745	32,753
1972.....	32,758	32,860	32,967	33,011	33,106	33,169	33,234	33,240	33,241	33,240	33,292	33,375
1973.....	33,430	33,537	33,648	33,664	33,696	33,743	33,872	33,851	33,899	34,000	34,037	34,165
1974.....	34,453	34,405	34,389	34,269	34,427	34,466	34,464	34,524	34,546	34,672	34,724	34,717
1975.....	34,657	34,574	34,718	34,796	34,977	35,031	35,104	35,175	35,222	35,318	35,262	35,179
1976.....	35,193	35,212	35,305	35,429	35,470	35,540	35,677	35,703	35,822	35,836	35,867	35,876
1977.....	35,828	35,959	36,018	36,097	36,159	36,290	36,252	36,341	36,366	36,546	36,632	36,720
1978.....	36,827	36,809	36,858	36,873	36,986	36,953	37,028	37,032	37,179	37,192	37,366	37,498
1979.....	37,610	37,726	37,782	37,667	37,746	37,875	37,994	38,010	38,081	38,149	38,185	38,295
1980.....	38,416	38,432	38,439	38,497	38,629	38,685	38,842	38,852	39,022	38,979	39,066	39,014
1981.....	39,092	39,080	39,294	39,379	39,561	39,513	39,497	39,632	39,692	39,752	39,886	39,854

IN THOUSANDS	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
CIVILIAN LABOR FORCE - FEMALES 25-54 YEARS												
1970	18,070	18,061	18,160	18,270	18,064	18,189	18,328	18,272	18,090	18,272	18,361	18,401
1971	18,457	18,453	18,370	18,328	18,406	18,404	18,341	18,500	18,584	18,665	18,765	18,835
1972	18,979	18,992	19,164	19,081	19,143	19,149	19,184	19,269	19,288	19,304	19,272	19,457
1973	19,429	19,671	19,716	19,864	19,915	20,092	20,103	20,108	20,215	20,323	20,493	20,536
1974	20,600	20,723	20,720	20,827	20,900	21,048	21,331	21,167	21,257	21,290	21,360	21,393
1975	21,599	21,448	21,600	21,731	21,712	21,833	21,857	22,025	22,019	22,205	22,113	22,199
1976	22,444	22,498	22,560	22,693	22,728	22,931	23,030	23,136	23,136	23,170	23,283	23,465
1977	23,433	23,535	23,758	23,832	23,955	24,026	24,087	24,121	24,290	24,302	24,557	24,571
1978	24,697	24,800	24,965	25,089	25,171	25,302	25,412	25,397	25,673	25,912	25,893	25,998
1979	25,987	26,093	26,183	26,143	26,212	26,374	26,689	26,887	26,982	27,105	27,091	27,401
1980	27,530	27,593	27,630	27,786	27,763	27,826	27,906	28,022	28,006	28,114	28,191	28,319
1981	28,521	28,628	28,745	28,869	29,108	29,086	29,219	29,201	28,994	29,332	29,518	29,517
CIVILIAN LABOR FORCE - WHITE WORKERS												
1970	72,817	73,035	73,325	73,481	73,300	73,220	73,645	73,648	73,740	74,130	74,283	74,341
1971	74,577	74,281	74,206	74,542	74,735	74,410	74,832	75,205	75,246	75,402	75,941	76,112
1972	76,468	76,398	76,863	76,933	77,060	77,197	77,351	77,758	77,687	77,788	77,692	77,950
1973	77,696	78,328	78,571	78,746	78,768	79,361	79,198	79,145	79,510	79,790	80,221	80,237
1974	80,459	80,768	80,806	80,706	80,965	81,258	81,518	81,391	81,815	81,827	82,018	82,013
1975	82,290	81,990	82,338	82,543	82,992	82,756	83,129	83,157	83,185	83,308	83,141	83,296
1976	83,676	83,763	83,893	84,315	84,491	84,643	85,187	85,298	85,197	85,373	85,610	85,726
1977	85,575	86,134	86,408	86,633	86,901	87,291	87,060	87,358	87,517	87,920	88,377	88,188
1978	88,449	88,448	88,541	89,079	89,325	89,789	89,765	89,885	90,074	90,423	90,699	91,000
1979	91,237	91,514	91,519	91,205	91,291	91,616	91,936	92,033	92,462	92,553	92,695	93,137
1980	93,283	93,370	93,179	93,376	93,711	93,564	93,736	93,670	93,807	94,000	94,098	93,949
1981	94,332	94,552	94,756	95,199	95,666	94,887	95,126	95,163	94,884	95,365	95,535	95,329
CIVILIAN LABOR FORCE - WHITE WORKERS 16-19 YEARS												
1970	6,351	6,375	6,420	6,376	6,406	6,255	6,395	6,465	6,594	6,547	6,548	6,554
1971	6,646	6,617	6,532	6,629	6,631	6,397	6,753	6,814	6,688	6,714	6,863	6,891
1972	7,068	7,073	7,117	7,170	7,115	7,173	7,125	7,324	7,227	7,253	7,297	7,362
1973	7,144	7,386	7,516	7,555	7,469	7,668	7,494	7,505	7,688	7,814	7,851	7,833
1974	7,855	7,895	7,866	7,779	7,800	7,970	7,875	7,778	8,067	8,003	7,988	7,921
1975	7,998	7,940	7,886	7,803	7,931	7,867	7,952	7,947	7,940	7,866	7,846	7,914
1976	7,977	7,998	8,005	8,155	8,131	8,048	8,251	8,223	8,022	8,106	8,085	8,058
1977	8,087	8,278	8,330	8,366	8,331	8,496	8,326	8,490	8,303	8,410	8,485	8,323
1978	8,411	8,384	8,376	8,463	8,567	8,633	8,570	8,812	8,606	8,649	8,590	8,596
1979	8,664	8,606	8,641	8,535	8,468	8,548	8,522	8,359	8,543	8,504	8,560	8,642
1980	8,525	8,411	8,427	8,270	8,412	8,354	8,401	8,180	8,190	8,267	8,188	8,140
1981	8,180	8,230	8,145	8,207	8,149	7,764	7,816	7,908	7,878	7,812	7,822	7,648
CIVILIAN LABOR FORCE - WHITE MALES 16-19 YEARS												
1970	3,479	3,494	3,546	3,489	3,550	3,476	3,556	3,526	3,601	3,572	3,631	3,687
1971	3,688	3,660	3,595	3,702	3,711	3,560	3,787	3,756	3,707	3,768	3,839	3,851
1972	3,932	3,922	3,951	3,929	3,917	3,947	3,904	4,083	4,043	4,040	4,034	4,047
1973	3,951	4,073	4,173	4,145	4,064	4,215	4,189	4,130	4,242	4,300	4,309	4,287
1974	4,305	4,308	4,293	4,259	4,297	4,387	4,289	4,246	4,387	4,324	4,330	4,318
1975	4,326	4,283	4,289	4,240	4,294	4,311	4,335	4,307	4,311	4,261	4,257	4,260
1976	4,337	4,327	4,313	4,430	4,354	4,313	4,405	4,453	4,297	4,363	4,342	4,363
1977	4,337	4,430	4,449	4,502	4,540	4,589	4,474	4,513	4,455	4,557	4,596	4,519
1978	4,534	4,502	4,498	4,488	4,520	4,625	4,537	4,726	4,585	4,639	4,570	4,561
1979	4,611	4,536	4,556	4,521	4,487	4,547	4,542	4,452	4,575	4,477	4,539	4,611
1980	4,520	4,494	4,543	4,431	4,484	4,470	4,474	4,365	4,309	4,384	4,338	4,290
1981	4,357	4,377	4,324	4,332	4,299	4,081	4,098	4,160	4,173	4,193	4,197	4,105
CIVILIAN LABOR FORCE - WHITE FEMALES 16-19 YEARS												
1970	2,877	2,881	2,874	2,887	2,856	2,779	2,839	2,939	2,993	2,975	2,917	2,867
1971	2,958	2,957	2,937	2,927	2,920	2,837	2,966	3,058	2,981	2,946	3,024	3,040
1972	3,136	3,151	3,166	3,241	3,198	3,226	3,221	3,241	3,184	3,213	3,263	3,315
1973	3,193	3,313	3,343	3,410	3,405	3,453	3,305	3,375	3,446	3,514	3,542	3,546
1974	3,550	3,587	3,573	3,520	3,503	3,583	3,586	3,532	3,680	3,679	3,658	3,603
1975	3,672	3,557	3,597	3,563	3,637	3,556	3,617	3,640	3,629	3,605	3,589	3,654
1976	3,640	3,671	3,692	3,725	3,777	3,735	3,846	3,770	3,725	3,743	3,743	3,695
1977	3,750	3,848	3,881	3,864	3,791	3,907	3,852	3,977	3,848	3,853	3,889	3,804
1978	3,877	3,882	3,878	3,975	4,047	4,008	4,033	4,086	4,021	4,010	4,020	4,035
1979	4,053	4,070	4,085	4,014	3,981	4,001	3,980	3,907	3,968	4,027	4,021	4,031
1980	4,005	3,917	3,884	3,839	3,928	3,884	3,927	3,815	3,881	3,883	3,850	3,850
1981	3,823	3,853	3,821	3,875	3,850	3,683	3,718	3,748	3,705	3,619	3,625	3,543
CIVILIAN LABOR FORCE - WHITE WORKERS 20 YEARS AND OVER												
1970	66,466	66,660	66,905	67,105	66,894	66,965	67,250	67,183	67,146	67,583	67,735	67,787
1971	67,931	67,664	67,674	67,913	68,104	68,013	68,079	68,391	68,558	68,688	69,078	69,221
1972	69,400	69,321	69,746	69,763	69,945	70,024	70,226	70,434	70,460	70,535	70,395	70,588
1973	70,552	70,942	71,055	71,191	71,299	71,693	71,704	71,640	71,822	71,976	72,370	72,404
1974	72,604	72,873	72,940	72,927	73,165	73,288	73,603	73,613	73,748	73,824	74,030	74,092
1975	74,292	74,150	74,452	74,740	75,061	74,889	75,177	75,210	75,245	75,442	75,295	75,382
1976	75,699	75,765	75,888	76,160	76,360	76,595	76,936	77,075	77,175	77,267	77,525	77,668
1977	77,488	77,856	78,078	78,267	78,570	78,795	78,734	78,868	79,214	79,510	79,892	79,865
1978	80,038	80,064	80,165	80,616	80,758	81,156	81,195	81,073	81,468	81,774	82,109	82,404
1979	82,573	82,908	82,878	82,670	82,823	83,068	83,414	83,674	83,919	84,049	84,135	84,495
1980	84,758	84,959	84,752	85,106	85,299	85,210	85,335	85,490	85,617	85,733	85,910	85,809
1981	86,152	86,322	86,611	86,992	87,517	87,123	87,310	87,255	87,006	87,553	87,713	87,681

HOUSEHOLD DATA
SEASONALLY ADJUSTED

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
IN THOUSANDS												
CIVILIAN LABOR FORCE - WHITE MALES 20 YEARS AND OVER												
1970	42,126	42,284	42,355	42,473	42,489	42,460	42,475	42,492	42,602	42,724	42,801	42,811
1971	42,802	42,760	42,761	43,006	43,204	43,144	43,265	43,387	43,375	43,393	43,506	43,578
1972	43,718	43,711	43,921	43,951	44,012	44,177	44,232	44,275	44,347	44,404	44,337	44,434
1973	44,389	44,531	44,619	44,557	44,563	44,737	44,783	44,735	44,781	44,895	45,018	45,170
1974	45,394	45,438	45,340	45,289	45,445	45,455	45,424	45,596	45,692	45,826	45,824	45,765
1975	45,712	45,718	45,823	45,956	46,192	46,057	46,205	46,194	46,244	46,236	46,143	46,071
1976	46,174	46,216	46,316	46,478	46,563	46,640	46,778	46,845	46,978	46,983	47,069	47,071
1977	46,973	47,155	47,144	47,233	47,335	47,547	47,500	47,652	47,642	47,915	47,997	48,057
1978	48,017	48,052	48,064	48,205	48,283	48,439	48,382	48,437	48,398	48,537	48,811	48,933
1979	49,129	49,259	49,124	49,092	49,088	49,249	49,346	49,387	49,484	49,537	49,577	49,648
1980	49,802	49,962	49,824	49,951	50,201	50,033	50,088	50,141	50,216	50,273	50,340	50,255
1981	50,300	50,344	50,505	50,718	50,920	50,633	50,698	50,701	50,712	50,811	50,881	50,948
CIVILIAN LABOR FORCE - WHITE FEMALES 20 YEARS AND OVER												
1970	24,340	24,376	24,550	24,632	24,405	24,585	24,775	24,691	24,544	24,859	24,934	24,976
1971	25,129	24,904	24,913	24,907	24,900	24,869	24,814	25,004	25,183	25,295	25,572	25,643
1972	25,682	25,610	25,825	25,812	25,933	25,847	25,994	26,159	26,113	26,131	26,058	26,154
1973	26,163	26,411	26,436	26,634	26,736	26,956	26,921	26,905	27,041	27,081	27,352	27,234
1974	27,210	27,435	27,600	27,638	27,720	27,833	28,219	28,017	28,056	27,998	28,206	28,327
1975	28,580	28,440	28,629	28,784	28,869	28,832	28,972	29,016	29,001	29,206	29,152	29,311
1976	29,525	29,549	29,572	29,682	29,797	29,955	30,158	30,230	30,197	30,284	30,456	30,597
1977	30,515	30,701	30,934	31,034	31,235	31,248	31,234	31,216	31,572	31,595	31,895	31,808
1978	32,021	32,012	32,101	32,411	32,475	32,717	32,813	32,636	33,070	33,237	33,298	33,471
1979	33,444	33,649	33,754	33,578	33,735	33,819	34,068	34,287	34,435	34,512	34,558	34,847
1980	34,956	34,997	34,928	35,155	35,098	35,177	35,247	35,349	35,401	35,440	35,570	35,554
1981	35,852	35,978	36,106	36,274	36,597	36,490	36,612	36,554	36,294	36,742	36,832	36,733
CIVILIAN LABOR FORCE - BLACK AND OTHER WORKERS												
1970	9,207	9,116	9,155	9,188	9,218	9,274	9,221	9,238	9,243	9,215	9,275	9,285
1971	9,321	9,318	9,342	9,331	9,417	9,275	9,470	9,470	9,538	9,573	9,526	9,450
1972	9,562	9,639	9,689	9,621	9,752	9,809	9,763	9,84[illegible]	9,784	9,828	9,910	9,924
1973	9,808	10,026	10,247	10,226	10,183	10,220	10,386	10,354	10,402	10,441	10,480	10,572
1974	10,680	10,647	10,602	10,527	10,607	10,655	10,646	10,667	10,755	10,602	10,732	10,735
1975	10,771	10,774	10,792	10,797	10,884	10,917	10,924	11,049	11,140	11,105	11,096	11,087
1976	11,165	11,237	11,290	11,378	11,325	11,326	11,366	11,465	11,420	11,442	11,619	11,616
1977	11,575	11,672	11,681	11,664	11,734	11,906	11,809	11,977	11,940	11,977	12,156	12,314
1978	12,348	12,377	12,508	12,478	12,573	12,647	12,647	12,658	12,728	12,748	12,825	12,832
1979	12,779	12,920	12,993	12,946	12,915	13,032	13,078	13,080	13,128	13,225	13,127	13,210
1980	13,203	13,212	13,111	13,156	13,313	13,284	13,496	13,435	13,444	13,488	13,500	13,479
1981	13,528	13,476	13,586	13,633	13,649	13,565	13,539	13,632	13,617	13,697	13,757	13,773
CIVILIAN LABOR FORCE - BLACK AND OTHER WORKERS 16-19 YEARS												
1970	854	830	802	821	804	836	756	779	799	804	820	798
1971	778	781	804	796	789	706	816	773	794	809	795	815
1972	831	847	859	842	849	863	863	915	846	848	887	888
1973	845	912	899	942	909	960	947	931	973	919	938	951
1974	1,005	951	974	921	944	980	982	951	999	1,014	960	953
1975	965	1,001	952	980	980	973	949	950	986	983	947	974
1976	994	978	998	1,002	972	889	930	993	946	959	980	959
1977	946	933	932	924	901	1,031	1,017	1,088	1,025	1,042	1,065	1,077
1978	1,060	1,076	1,079	1,065	1,078	1,113	1,174	1,112	1,079	1,093	1,121	1,122
1979	1,097	1,146	1,106	1,133	1,083	1,074	1,069	1,073	1,071	1,087	1,062	1,077
1980	1,077	1,101	1,047	1,004	1,080	1,066	1,109	1,023	1,107	1,066	1,061	1,052
1981	1,108	1,018	1,037	1,078	1,061	1,005	993	989	981	1,028	1,015	996
CIVILIAN LABOR FORCE - BLACK AND OTHER MALES 16-19 YEARS												
1970	479	476	475	474	452	472	423	434	451	446	438	459
1971	457	457	453	449	451	415	462	454	445	470	463	445
1972	456	487	489	478	499	519	494	536	485	481	511	520
1973	483	508	508	531	518	510	525	509	529	528	531	536
1974	581	541	562	522	515	544	548	541	562	574	554	531
1975	527	546	518	532	515	532	496	504	509	515	497	501
1976	534	529	535	541	529	487	499	528	527	540	540	550
1977	518	519	515	487	512	558	572	624	556	566	590	599
1978	584	598	591	583	566	580	622	573	558	577	599	592
1979	576	606	606	580	585	574	553	598	572	564	547	537
1980	561	560	549	539	580	581	597	540	609	601	598	579
1981	612	561	556	586	590	539	538	554	522	515	533	538
CIVILIAN LABOR FORCE - BLACK AND OTHER FEMALES 16-19 YEARS												
1970	375	354	327	347	352	364	333	345	348	358	382	339
1971	321	324	351	347	338	291	354	319	349	339	332	370
1972	375	360	370	364	350	344	369	379	361	367	376	368
1973	362	404	391	411	391	450	422	422	444	391	407	415
1974	424	410	412	399	429	436	434	410	437	440	406	422
1975	438	455	434	448	465	441	453	446	477	468	450	473
1976	460	449	463	461	443	402	431	465	419	419	440	409
1977	429	414	417	437	389	473	445	464	469	476	475	478
1978	476	478	488	482	512	533	552	539	521	516	522	530
1979	521	540	500	553	498	500	516	475	499	523	515	540
1980	516	541	498	465	500	485	512	483	498	465	463	473
1981	496	457	481	492	471	466	455	435	459	513	482	458

IN THOUSANDS

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
CIVILIAN LABOR FORCE - BLACK AND OTHER WORKERS 20 YEARS AND OVER												
1970	8,353	8,286	8,353	8,367	8,414	8,436	8,465	8,459	8,448	8,411	8,455	8,487
1971	8,543	8,537	8,538	8,535	8,628	8,569	8,654	8,697	8,748	8,764	8,731	8,635
1972	8,731	8,792	8,838	8,779	8,903	8,946	8,900	8,886	8,938	8,980	9,023	9,036
1973	8,963	9,114	9,348	9,284	9,274	9,260	9,439	9,423	9,429	9,522	9,542	9,621
1974	9,675	9,696	9,628	9,606	9,663	9,675	9,684	9,716	9,756	9,788	9,742	9,782
1975	9,806	9,773	9,840	9,817	9,904	9,944	9,975	10,099	10,154	10,122	10,149	10,113
1976	10,171	10,259	10,292	10,376	10,353	10,437	10,436	10,472	10,474	10,483	10,639	10,657
1977	10,629	10,739	10,749	10,740	10,833	10,875	10,792	10,889	10,915	10,935	11,091	11,237
1978	11,288	11,301	11,429	11,413	11,495	11,534	11,473	11,546	11,649	11,647	11,704	11,710
1979	11,682	11,774	11,887	11,813	11,832	11,958	12,009	12,007	12,057	12,138	12,065	12,133
1980	12,126	12,111	12,064	12,152	12,233	12,218	12,387	12,412	12,337	12,422	12,439	12,427
1981	12,420	12,458	12,549	12,555	12,588	12,560	12,546	12,643	12,636	12,669	12,742	12,777
CIVILIAN LABOR FORCE - BLACK AND OTHER MALES 20 YEARS AND OVER												
1970	4,723	4,685	4,676	4,668	4,724	4,736	4,787	4,779	4,771	4,750	4,765	4,797
1971	4,821	4,772	4,788	4,796	4,791	4,811	4,826	4,837	4,878	4,877	4,869	4,821
1972	4,787	4,885	4,908	4,892	4,931	4,975	4,980	4,972	4,968	4,981	4,978	4,999
1973	4,930	5,035	5,169	5,169	5,168	5,181	5,237	5,211	5,218	5,296	5,294	5,319
1974	5,370	5,395	5,356	5,315	5,332	5,356	5,306	5,339	5,325	5,354	5,375	5,377
1975	5,394	5,376	5,375	5,372	5,423	5,423	5,493	5,544	5,577	5,512	5,543	5,512
1976	5,477	5,506	5,491	5,574	5,613	5,644	5,623	5,646	5,646	5,655	5,714	5,747
1977	5,739	5,794	5,794	5,751	5,802	5,862	5,804	5,821	5,728	5,818	5,878	5,949
1978	5,991	5,989	6,017	6,031	6,082	6,084	6,055	6,038	6,109	6,137	6,194	6,214
1979	6,179	6,230	6,241	6,233	6,234	6,307	6,346	6,320	6,375	6,376	6,328	6,369
1980	6,344	6,372	6,318	6,360	6,341	6,391	6,469	6,466	6,453	6,457	6,479	6,465
1981	6,457	6,477	6,517	6,498	6,547	6,479	6,484	6,556	6,551	6,573	6,595	6,614
CIVILIAN LABOR FORCE - BLACK AND OTHER FEMALES 20 YEARS AND OVER												
1970	3,630	3,601	3,677	3,699	3,690	3,702	3,678	3,680	3,673	3,661	3,690	3,690
1971	3,722	3,765	3,750	3,739	3,837	3,758	3,828	3,860	3,866	3,887	3,862	3,814
1972	3,944	3,907	3,922	3,887	3,972	3,971	3,920	3,914	3,970	3,999	4,045	4,037
1973	4,033	4,079	4,180	4,115	4,106	4,079	4,202	4,212	4,211	4,226	4,248	4,302
1974	4,305	4,301	4,272	4,291	4,331	4,319	4,358	4,377	4,431	4,434	4,397	4,405
1975	4,412	4,397	4,465	4,445	4,481	4,521	4,482	4,555	4,577	4,610	4,606	4,601
1976	4,694	4,753	4,801	4,802	4,740	4,793	4,813	4,826	4,828	4,828	4,925	4,910
1977	4,890	4,945	4,955	4,989	5,031	5,013	4,988	5,068	5,187	5,117	5,213	5,288
1978	5,297	5,312	5,412	5,382	5,413	5,450	5,418	5,508	5,540	5,510	5,510	5,496
1979	5,503	5,544	5,646	5,580	5,598	5,651	5,663	5,687	5,682	5,762	5,741	5,764
1980	5,782	5,739	5,746	5,792	5,892	5,827	5,918	5,946	5,884	5,965	5,960	5,962
1981	5,963	5,981	6,032	6,057	6,041	6,081	6,062	6,087	6,085	6,096	6,147	6,163
CIVILIAN LABOR FORCE BLACK WORKERS												
1972	8,585	8,579	8,630	8,623	8,710	8,800	8,704	8,743	8,747	8,729	8,813	8,819
1973	8,694	9,080	9,008	8,939	8,966	8,908	9,076	9,027	9,048	9,095	9,115	9,125
1974	9,211	9,146	9,080	9,088	9,168	9,143	9,162	9,132	9,253	9,290	9,203	9,170
1975	9,201	9,151	9,214	9,173	9,245	9,275	9,233	9,317	9,375	9,316	9,328	9,345
1976	9,421	9,457	9,488	9,441	9,507	9,525	9,528	9,641	9,548	9,562	9,717	9,707
1977	9,690	9,797	9,798	9,782	9,840	9,966	9,867	10,049	10,000	10,016	10,121	10,284
1978	10,278	10,294	10,338	10,341	10,409	10,462	10,448	10,434	10,495	10,515	10,562	10,565
1979	10,514	10,649	10,644	10,601	10,588	10,669	10,716	10,707	10,724	10,814	10,718	10,768
1980	10,789	10,775	10,687	10,745	10,872	10,823	10,976	10,940	10,921	10,964	10,976	10,968
1981	10,998	10,951	11,036	11,126	11,126	11,033	10,971	11,069	11,134	11,188	11,207	11,228
CIVILIAN LABOR FORCE - BLACK WORKERS 16-19 YEARS												
1972	765	762	765	775	781	811	784	828	781	788	798	813
1973	745	928	893	855	818	852	848	819	882	852	851	847
1974	874	830	850	807	852	869	867	814	875	893	841	833
1975	839	853	839	860	852	850	817	790	837	838	819	849
1976	856	837	862	910	860	787	815	873	821	819	834	813
1977	802	791	784	787	782	899	875	941	901	906	928	934
1978	914	915	919	904	920	943	981	929	915	923	949	950
1979	920	967	935	958	918	899	892	893	883	908	884	896
1980	896	903	876	835	909	904	929	841	926	890	888	895
1981	938	865	877	908	898	834	810	813	843	871	850	842
CIVILIAN LABOR FORCE - BLACK MALES 16-19 YEARS												
1972	418	434	426	449	470	484	454	486	442	441	457	468
1973	418	583	538	479	460	436	460	445	481	493	477	470
1974	496	468	493	458	470	474	460	458	497	506	485	474
1975	459	462	451	468	455	478	444	414	432	436	424	428
1976	458	439	445	504	466	420	441	471	463	463	452	464
1977	429	433	432	410	445	485	507	542	486	499	523	524
1978	501	506	498	490	483	481	523	470	472	480	503	492
1979	485	536	515	490	498	476	462	493	467	468	450	441
1980	462	456	457	453	486	488	498	441	510	500	503	493
1981	519	477	456	496	490	443	423	447	447	433	444	452

HOUSEHOLD DATA
SEASONALLY ADJUSTED

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
IN THOUSANDS												
CIVILIAN LABOR FORCE - BLACK FEMALES 16-19 YEARS												
1972.....	351	328	339	326	311	327	330	342	339	347	341	345
1973.....	327	365	359	376	358	416	388	374	401	359	374	377
1974.....	378	362	357	349	382	395	387	356	378	387	356	359
1975.....	380	391	388	392	397	372	373	376	405	402	395	421
1976.....	398	398	417	406	394	367	374	402	358	356	382	349
1977.....	373	358	352	377	337	414	368	399	415	407	405	410
1978.....	413	409	421	414	437	462	458	459	443	443	446	458
1979.....	435	451	420	468	420	423	430	400	416	440	434	455
1980.....	434	447	419	382	423	416	431	400	416	390	385	402
1981.....	419	388	421	412	408	391	372	366	396	438	406	390
CIVILIAN LABOR FORCE - BLACK WORKERS 20 YEARS AND OVER												
1972.....	7,780	7,817	7,865	7,848	7,929	7,989	7,920	7,915	7,966	7,941	8,015	8,006
1973.....	7,949	8,072	8,115	8,084	8,048	8,056	8,228	8,208	8,166	8,243	8,264	8,278
1974.....	8,337	8,316	8,230	8,281	8,316	8,274	8,295	8,318	8,378	8,397	8,362	8,337
1975.....	8,362	8,298	8,375	8,313	8,393	8,425	8,416	8,527	8,538	8,478	8,505	8,496
1976.....	8,565	8,620	8,626	8,731	8,647	8,738	8,713	8,768	8,727	8,743	8,883	8,894
1977.....	8,888	9,006	9,006	8,995	9,058	9,067	8,992	9,108	9,099	9,110	9,193	9,350
1978.....	9,364	9,379	9,419	9,437	9,489	9,519	9,467	9,505	9,580	9,592	9,613	9,615
1979.....	9,594	9,682	9,709	9,643	9,670	9,770	9,824	9,814	9,841	9,906	9,834	9,872
1980.....	9,893	9,872	9,811	9,910	9,963	9,919	10,047	10,099	9,995	10,074	10,088	10,073
1981.....	10,060	10,086	10,159	10,218	10,228	10,199	10,161	10,256	10,291	10,317	10,357	10,384
CIVILIAN LABOR FORCE - BLACK MALES 20 YEARS AND OVER												
1972.....	4,260	4,306	4,333	4,342	4,362	4,406	4,394	4,394	4,403	4,379	4,380	4,384
1973.....	4,350	4,413	4,462	4,441	4,437	4,458	4,495	4,478	4,459	4,517	4,520	4,533
1974.....	4,593	4,581	4,547	4,539	4,537	4,539	4,487	4,521	4,522	4,557	4,554	4,534
1975.....	4,563	4,503	4,522	4,494	4,542	4,547	4,587	4,649	4,661	4,592	4,604	4,585
1976.....	4,566	4,583	4,546	4,639	4,619	4,663	4,649	4,679	4,667	4,664	4,733	4,738
1977.....	4,755	4,788	4,790	4,763	4,759	4,812	4,762	4,801	4,746	4,791	4,822	4,858
1978.....	4,914	4,892	4,914	4,930	4,940	4,933	4,919	4,890	4,946	4,977	5,020	5,021
1979.....	4,995	5,020	5,028	5,013	5,031	5,094	5,121	5,117	5,143	5,149	5,104	5,122
1980.....	5,119	5,110	5,065	5,119	5,109	5,120	5,175	5,199	5,166	5,158	5,167	5,141
1981.....	5,143	5,147	5,190	5,208	5,271	5,201	5,182	5,237	5,272	5,276	5,279	5,309
CIVILIAN LABOR FORCE - BLACK FEMALES 20 YEARS AND OVER												
1972.....	3,520	3,511	3,532	3,506	3,567	3,583	3,526	3,521	3,563	3,562	3,635	3,622
1973.....	3,599	3,659	3,653	3,643	3,611	3,598	3,733	3,730	3,707	3,726	3,744	3,745
1974.....	3,744	3,735	3,683	3,742	3,779	3,735	3,808	3,797	3,856	3,840	3,808	3,803
1975.....	3,799	3,795	3,853	3,819	3,851	3,878	3,829	3,878	3,877	3,886	3,901	3,911
1976.....	3,999	4,037	4,080	4,092	4,028	4,075	4,064	4,089	4,060	4,079	4,150	4,156
1977.....	4,133	4,218	4,216	4,232	4,299	4,255	4,230	4,307	4,353	4,319	4,371	4,492
1978.....	4,450	4,487	4,505	4,507	4,549	4,586	4,548	4,615	4,634	4,615	4,593	4,594
1979.....	4,599	4,662	4,681	4,630	4,639	4,676	4,703	4,697	4,698	4,757	4,730	4,750
1980.....	4,774	4,762	4,746	4,791	4,854	4,799	4,872	4,900	4,829	4,916	4,921	4,932
1981.....	4,917	4,939	4,969	5,010	4,957	4,998	4,979	5,019	5,019	5,041	5,078	5,075
CIVILIAN LABOR FORCE - FULL-TIME WORKERS												
1970.....	70,509	70,626	70,648	70,769	70,941	70,713	71,075	71,041	71,489	71,613	71,797	71,963
1971.....	71,822	71,939	71,533	71,979	72,357	71,387	72,177	72,450	72,725	72,713	73,255	73,413
1972.....	73,530	73,505	73,934	74,004	74,273	74,804	74,693	74,841	74,756	75,013	74,826	75,149
1973.....	75,253	75,678	75,929	75,980	76,089	76,811	76,855	76,677	76,670	76,939	77,365	77,438
1974.....	77,900	78,145	78,059	78,203	78,357	78,467	78,688	78,877	79,195	79,293	79,308	79,320
1975.....	79,647	79,401	79,597	79,853	80,416	79,683	79,898	80,231	80,640	80,704	80,622	80,876
1976.....	80,999	81,116	81,458	81,750	81,904	81,689	82,275	82,349	82,177	82,541	83,001	83,265
1977.....	83,055	83,326	83,412	83,623	84,020	84,651	84,510	84,839	84,694	84,955	85,430	85,518
1978.....	85,869	85,913	86,006	86,370	86,494	87,584	87,572	87,837	87,477	87,818	88,095	88,422
1979.....	88,681	88,974	89,145	89,108	88,939	89,459	89,585	89,666	89,924	90,218	90,338	90,535
1980.....	90,591	90,675	90,538	90,971	91,377	91,230	91,379	91,479	91,819	91,877	92,032	92,093
1981.....	92,448	92,209	92,549	92,825	93,124	92,526	92,971	92,778	92,801	93,359	93,607	93,856
CIVILIAN LABOR FORCE - FULL-TIME WORKERS 16-19 YEARS												
1970.....	3,830	3,873	3,862	3,855	3,951	3,651	3,811	3,764	4,089	3,914	3,980	3,973
1971.....	3,937	3,966	3,930	3,981	4,061	3,424	4,054	3,957	3,928	4,010	4,076	4,186
1972.....	4,215	4,177	4,272	4,244	4,296	4,498	4,361	4,484	4,384	4,409	4,468	4,539
1973.....	4,522	4,620	4,639	4,583	4,654	4,926	4,903	4,737	4,733	4,802	4,847	4,821
1974.....	4,964	4,904	4,920	4,933	4,937	4,918	5,017	4,939	5,158	5,073	5,059	4,962
1975.....	4,928	4,895	4,840	4,893	5,104	4,682	4,847	4,797	4,881	4,872	4,793	4,872
1976.....	4,854	4,986	5,068	5,092	5,049	4,580	4,906	4,930	4,824	4,965	4,934	4,971
1977.....	5,004	5,009	4,996	5,056	5,054	5,221	5,130	5,285	5,138	5,155	5,190	5,163
1978.....	5,149	5,107	5,024	5,065	5,239	5,609	5,500	5,683	5,247	5,258	5,158	5,147
1979.....	5,267	5,228	5,271	5,266	5,121	5,255	5,251	5,093	5,208	5,194	5,237	5,281
1980.....	5,145	5,124	5,101	4,961	5,179	4,930	4,949	4,787	5,030	4,980	4,984	4,923
1981.....	4,923	4,917	4,872	4,875	4,866	4,435	4,602	4,549	4,744	4,678	4,724	4,624

IN THOUSANDS

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
CIVILIAN LABOR FORCE - FULL-TIME WORKERS, MALES 20 YEARS AND OVER												
1970	44,646	44,744	44,764	44,854	44,975	44,947	44,962	44,969	45,106	45,216	45,303	45,399
1971	45,277	45,299	45,199	45,453	45,647	45,586	45,755	45,824	45,882	45,877	46,086	46,101
1972	46,156	46,182	46,334	46,447	46,490	46,718	46,770	46,788	46,841	46,971	46,832	46,960
1973	46,977	47,120	47,319	47,276	47,222	47,499	47,545	47,506	47,564	47,672	47,811	47,978
1974	48,235	48,368	48,237	48,210	48,298	48,347	48,207	48,450	48,421	48,614	48,666	48,571
1975	48,622	48,508	48,568	48,769	48,926	48,827	48,923	49,070	49,207	49,171	49,186	49,139
1976	49,115	49,066	49,281	49,407	49,543	49,671	49,807	49,894	49,963	50,059	50,141	50,154
1977	50,012	50,171	50,215	50,224	50,338	50,793	50,638	50,694	50,506	50,961	51,097	51,132
1978	51,228	51,291	51,226	51,498	51,482	51,788	51,672	51,792	51,650	51,996	52,161	52,365
1979	52,568	52,688	52,716	52,660	52,616	52,853	52,869	52,851	53,001	53,078	53,062	53,156
1980	53,257	53,228	53,164	53,397	53,547	53,574	53,701	53,763	53,905	53,899	53,942	53,991
1981	53,969	53,780	54,100	54,326	54,537	54,298	54,313	54,376	54,302	54,490	54,588	54,820
CIVILIAN LABOR FORCE - FULL-TIME WORKERS, FEMALES 20 YEARS AND OVER												
1970	22,033	22,008	22,022	22,081	22,016	22,115	22,302	22,308	22,294	22,482	22,514	22,591
1971	22,608	22,674	22,404	22,546	22,651	22,378	22,370	22,669	22,915	22,826	23,093	23,125
1972	23,159	23,145	23,327	23,316	23,488	23,588	23,563	23,568	23,530	23,633	23,526	23,649
1973	23,754	23,937	23,970	24,123	24,214	24,387	24,405	24,433	24,371	24,463	24,705	24,637
1974	24,702	24,873	24,902	25,063	25,122	25,203	25,461	25,488	25,616	25,605	25,582	25,786
1975	26,097	25,998	26,189	26,193	26,387	26,175	26,143	26,364	26,551	26,662	26,683	26,865
1976	27,032	27,063	27,129	27,253	27,313	27,439	27,556	27,525	27,391	27,538	27,927	28,139
1977	28,040	28,145	28,202	28,342	28,628	28,637	28,737	28,861	29,050	28,842	29,143	29,223
1978	29,493	29,516	29,756	29,808	29,773	30,188	30,397	30,362	30,580	30,562	30,777	30,910
1979	30,847	31,059	31,157	31,183	31,202	31,352	31,463	31,722	31,714	31,946	32,039	32,099
1980	32,188	32,322	32,274	32,613	32,650	32,726	32,728	32,929	32,884	33,038	33,145	33,177
1981	33,555	33,514	33,577	33,624	33,922	33,794	34,054	33,851	33,753	34,190	34,293	34,412
CIVILIAN LABOR FORCE - PART-TIME WORKERS												
1970	11,546	11,571	11,782	11,893	11,629	11,644	11,777	11,788	11,568	11,731	11,788	11,736
1971	12,095	11,710	11,974	11,948	11,891	12,176	12,091	12,190	12,165	12,256	12,198	12,203
1972	12,535	12,542	12,556	12,588	12,592	12,009	12,389	12,723	12,789	12,594	12,719	12,733
1973	12,329	12,696	12,816	13,037	12,949	12,570	12,664	12,772	13,283	13,265	13,271	13,337
1974	13,306	13,272	13,279	13,099	13,281	13,321	13,510	13,113	13,373	13,339	13,407	13,414
1975	13,489	13,378	13,472	13,558	13,515	13,903	14,266	13,968	13,700	13,727	13,629	13,512
1976	13,897	13,895	13,678	14,014	13,931	14,249	14,405	14,486	14,404	14,258	14,228	14,089
1977	14,162	14,471	14,606	14,703	14,592	14,493	14,472	14,596	14,693	14,896	15,087	14,965
1978	14,975	14,867	14,955	15,190	15,322	14,815	14,974	14,766	15,243	15,271	15,406	15,414
1979	15,401	15,379	15,281	15,042	15,178	15,212	15,612	15,587	15,586	15,497	15,473	15,854
1980	15,986	15,786	15,668	15,537	15,511	15,650	16,064	15,741	15,404	15,577	15,578	15,432
1981	15,557	15,701	15,751	15,960	15,868	15,924	15,808	16,071	15,662	15,690	15,721	15,399
CIVILIAN LABOR FORCE - PART-TIME WORKERS 16-19 YEARS												
1970	3,375	3,307	3,353	3,347	3,304	3,385	3,395	3,439	3,323	3,430	3,398	3,422
1971	3,481	3,417	3,414	3,470	3,437	3,623	3,556	3,591	3,582	3,510	3,584	3,542
1972	3,663	3,721	3,698	3,772	3,725	3,397	3,669	3,747	3,710	3,685	3,721	3,710
1973	3,451	3,673	3,762	3,925	3,804	3,545	3,488	3,649	3,950	3,917	3,935	3,939
1974	3,863	3,926	3,908	3,802	3,886	3,923	3,841	3,740	3,922	3,940	3,898	3,927
1975	4,011	3,948	4,001	3,943	3,898	4,063	4,098	4,057	4,063	3,981	4,015	4,036
1976	4,096	3,995	3,967	4,096	4,117	4,310	4,310	4,314	4,167	4,122	4,142	4,078
1977	4,029	4,194	4,271	4,238	4,212	4,225	4,229	4,321	4,213	4,296	4,351	4,245
1978	4,302	4,345	4,416	4,434	4,391	4,047	4,269	4,252	4,473	4,469	4,535	4,558
1979	4,470	4,508	4,449	4,362	4,393	4,351	4,412	4,400	4,440	4,390	4,385	4,431
1980	4,435	4,375	4,352	4,278	4,280	4,496	4,686	4,501	4,301	4,383	4,328	4,272
1981	4,350	4,330	4,303	4,372	4,300	4,305	4,231	4,385	4,148	4,174	4,171	4,054
CIVILIAN LABOR FORCE - PART-TIME WORKERS, MALES 20 YEARS AND OVER												
1970	2,212	2,247	2,261	2,286	2,246	2,235	2,250	2,277	2,267	2,272	2,287	2,253
1971	2,354	2,247	2,344	2,351	2,343	2,362	2,281	2,392	2,375	2,400	2,306	2,345
1972	2,381	2,406	2,482	2,413	2,429	2,438	2,412	2,458	2,473	2,413	2,478	2,498
1973	2,396	2,434	2,452	2,472	2,482	2,416	2,463	2,433	2,415	2,508	2,500	2,519
1974	2,587	2,454	2,441	2,423	2,442	2,471	2,520	2,463	2,581	2,579	2,539	2,572
1975	2,534	2,553	2,593	2,589	2,638	2,682	2,793	2,661	2,609	2,618	2,572	2,450
1976	2,578	2,623	2,503	2,686	2,591	2,648	2,597	2,565	2,634	2,628	2,655	2,660
1977	2,734	2,730	2,694	2,786	2,769	2,652	2,682	2,788	2,821	2,818	2,789	2,862
1978	2,802	2,676	2,828	2,769	2,860	2,791	2,785	2,664	2,800	2,723	2,850	2,798
1979	2,763	2,704	2,642	2,694	2,703	2,747	2,837	2,869	2,800	2,868	2,843	2,902
1980	2,915	2,970	2,958	2,919	2,941	2,903	2,867	2,857	2,740	2,853	2,876	2,809
1981	2,836	2,908	2,917	2,888	2,890	2,851	2,888	2,903	2,922	2,890	2,881	2,857
CIVILIAN LABOR FORCE - PART-TIME WORKERS, FEMALES 20 YEARS AND OVER												
1970	5,959	6,017	6,168	6,260	6,079	6,024	6,132	6,072	5,978	6,029	6,103	6,061
1971	6,260	6,046	6,216	6,127	6,111	6,191	6,254	6,207	6,208	6,346	6,308	6,316
1972	6,491	6,415	6,376	6,403	6,438	6,174	6,308	6,518	6,606	6,496	6,520	6,525
1973	6,482	6,589	6,602	6,640	6,663	6,609	6,713	6,690	6,918	6,840	6,836	6,879
1974	6,856	6,892	6,930	6,874	6,953	6,927	7,149	6,910	6,870	6,820	6,970	6,915
1975	6,944	6,877	6,878	7,026	6,979	7,158	7,375	7,250	7,028	7,128	7,042	7,026
1976	7,223	7,277	7,208	7,232	7,223	7,291	7,498	7,607	7,603	7,508	7,431	7,351
1977	7,399	7,547	7,641	7,679	7,611	7,616	7,561	7,487	7,659	7,782	7,947	7,858
1978	7,871	7,846	7,711	7,987	8,071	7,977	7,920	7,850	7,970	8,079	8,021	8,058
1979	8,168	8,167	8,190	7,986	8,082	8,114	8,363	8,318	8,346	8,239	8,245	8,521
1980	8,636	8,441	8,358	8,340	8,290	8,251	8,511	8,383	8,363	8,341	8,374	8,351
1981	8,371	8,463	8,531	8,700	8,678	8,768	8,689	8,783	8,592	8,626	8,669	8,488

HOUSEHOLD DATA
SEASONALLY ADJUSTED

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
CIVILIAN LABOR FORCE PARTICIPATION RATE												
1970.....	60.4	60.4	60.6	60.6	60.3	60.2	60.4	60.3	60.2	60.4	60.4	60.4
1971.....	60.4	60.1	60.0	60.1	60.2	59.8	60.1	60.2	60.1	60.1	60.4	60.4
1972.....	60.2	60.2	60.5	60.4	60.4	60.4	60.4	60.6	60.4	60.3	60.3	60.5
1973.....	60.0	60.5	60.8	60.8	60.6	60.9	60.9	60.7	60.8	60.9	61.2	61.2
1974.....	61.3	61.4	61.3	61.1	61.2	61.2	61.4	61.2	61.4	61.3	61.3	61.2
1975.....	61.4	61.0	61.2	61.3	61.5	61.2	61.3	61.3	61.2	61.2	61.1	61.1
1976.....	61.3	61.3	61.3	61.6	61.5	61.5	61.8	61.8	61.6	61.6	61.9	61.8
1977.....	61.6	61.9	62.0	62.1	62.2	62.4	62.1	62.3	62.3	62.4	62.8	62.7
1978.....	62.8	62.7	62.8	63.0	63.1	63.2	63.2	63.2	63.3	63.3	63.5	63.6
1979.....	63.6	63.8	63.7	63.4	63.4	63.5	63.7	63.7	63.8	63.8	63.7	64.0
1980.....	63.9	63.9	63.7	63.7	63.9	63.7	63.8	63.7	63.7	63.8	63.8	63.7
1981.....	63.8	63.8	63.9	64.1	64.4	63.8	63.8	63.9	63.6	63.8	63.9	63.8
CIVILIAN LABOR FORCE PARTICIPATION RATE - MALES												
1970.....	79.9	80.0	80.0	80.0	79.9	79.6	79.6	79.4	79.5	79.4	79.5	79.6
1971.....	79.4	79.1	78.9	79.3	79.3	78.8	79.3	79.3	79.0	78.9	79.1	79.1
1972.....	78.8	78.8	79.1	78.9	78.9	79.0	78.9	79.1	78.9	78.8	78.8	79.0
1973.....	78.4	78.8	79.1	78.9	78.6	78.8	78.9	78.6	78.6	78.8	79.0	79.1
1974.....	79.5	79.3	79.0	78.6	78.7	78.7	78.4	78.4	78.6	78.6	78.6	78.4
1975.....	78.3	78.0	78.0	78.1	78.3	77.8	78.1	77.9	77.8	77.6	77.5	77.2
1976.....	77.4	77.3	77.3	77.7	77.6	77.3	77.6	77.6	77.5	77.5	77.7	77.6
1977.....	77.3	77.6	77.5	77.5	77.6	77.8	77.6	77.7	77.3	77.9	78.0	78.0
1978.....	77.9	77.8	77.7	77.8	77.9	77.9	77.8	77.8	77.7	77.8	78.0	78.1
1979.....	78.2	78.3	78.0	77.8	77.6	77.8	77.9	77.7	78.0	77.7	77.6	77.7
1980.....	77.7	77.8	77.5	77.4	77.8	77.4	77.5	77.3	77.3	77.4	77.3	77.2
1981.....	77.2	77.1	77.2	77.3	77.6	76.7	76.7	76.8	76.8	76.8	76.8	76.9
CIVILIAN LABOR FORCE PARTICIPATION RATE - FEMALES												
1970.....	43.3	43.2	43.4	43.6	43.1	43.1	43.5	43.4	43.2	43.5	43.5	43.4
1971.....	43.6	43.3	43.3	43.2	43.2	42.8	43.1	43.3	43.4	43.5	43.8	43.8
1972.....	43.8	43.6	43.9	43.9	43.9	43.9	43.9	44.0	43.9	43.9	43.9	44.0
1973.....	43.7	44.3	44.4	44.6	44.6	45.0	44.8	44.8	45.0	45.0	45.3	45.3
1974.....	45.1	45.4	45.5	45.8	45.5	45.7	46.1	45.7	46.0	45.8	45.9	45.9
1975.....	46.3	45.9	46.2	46.3	46.4	46.3	46.4	46.5	46.4	46.5	46.4	46.6
1976.....	46.9	46.9	47.0	47.1	47.2	47.3	47.6	47.6	47.3	47.3	47.7	47.7
1977.....	47.6	47.9	48.2	48.3	48.4	48.5	48.3	48.6	48.8	48.6	49.1	48.9
1978.....	49.2	49.2	49.4	49.7	49.9	50.1	50.1	50.1	50.4	50.4	50.5	50.6
1979.....	50.5	50.8	50.9	50.5	50.6	50.7	50.9	51.1	51.1	51.3	51.3	51.6
1980.....	51.6	51.4	51.3	51.4	51.5	51.4	51.6	51.6	51.5	51.5	51.6	51.6
1981.....	51.8	51.9	52.0	52.2	52.5	52.2	52.3	52.2	51.8	52.2	52.3	52.0
CIVILIAN LABOR FORCE PARTICIPATION RATE - BOTH SEXES 16-19 YEARS												
1970.....	50.4	50.3	50.4	49.9	49.7	49.0	49.4	49.7	50.4	50.1	50.1	49.8
1971.....	50.0	49.9	49.3	49.7	49.4	47.5	50.5	50.5	49.3	49.7	50.5	50.6
1972.....	51.1	51.4	51.9	51.8	51.5	51.9	51.6	52.9	51.6	51.9	52.4	52.8
1973.....	50.8	52.9	53.5	53.7	53.2	54.5	53.3	53.2	54.3	54.8	55.1	55.1
1974.....	55.1	55.2	55.0	53.8	54.3	55.3	54.9	53.8	55.7	55.5	55.1	54.4
1975.....	54.9	54.1	54.1	53.6	54.7	53.8	54.1	53.8	54.1	53.5	53.2	53.8
1976.....	54.2	54.2	54.4	55.2	55.1	53.8	55.3	55.1	53.9	54.4	54.4	54.1
1977.....	54.2	55.2	55.5	55.7	55.6	57.0	56.1	57.2	55.9	56.5	57.2	56.3
1978.....	56.8	56.6	56.6	57.1	58.0	58.3	58.5	59.2	58.1	58.3	58.2	58.3
1979.....	58.4	58.5	58.4	57.9	57.5	57.8	57.7	56.6	57.9	57.6	57.7	58.5
1980.....	57.6	57.1	57.0	55.9	57.3	56.8	57.4	55.7	56.5	56.6	56.2	56.1
1981.....	56.6	56.5	56.2	57.0	56.6	53.9	54.5	55.1	55.1	54.8	55.0	54.0
CIVILIAN LABOR FORCE PARTICIPATION RATE - MALES 16-19 YEARS												
1970.....	56.3	56.6	57.3	56.1	56.0	55.2	55.8	55.2	56.1	55.5	56.0	57.0
1971.....	56.4	56.3	55.0	56.2	55.9	53.7	57.3	56.7	55.4	56.5	57.3	57.1
1972.....	56.9	57.6	58.1	57.4	57.5	57.8	57.0	59.7	58.2	58.3	58.5	59.0
1973.....	56.7	58.9	60.0	59.7	58.8	60.0	60.0	59.1	60.2	61.0	61.2	61.0
1974.....	61.4	61.3	61.1	59.9	60.5	61.3	60.5	59.5	61.4	60.8	60.7	60.1
1975.....	59.9	59.5	59.5	58.9	59.6	59.3	59.3	58.6	58.9	58.3	58.1	58.1
1976.....	59.3	59.3	59.1	60.5	59.6	58.1	59.7	59.6	58.5	59.3	59.0	59.5
1977.....	58.7	59.8	59.9	60.4	61.2	61.9	61.2	61.4	60.6	61.7	62.6	61.8
1978.....	61.7	61.4	61.2	61.3	61.5	62.3	62.3	63.1	62.1	62.7	62.1	61.9
1979.....	62.4	62.1	61.9	61.5	61.1	61.5	61.6	60.5	62.2	60.6	61.0	62.1
1980.....	61.1	60.8	61.4	60.1	61.2	60.9	61.2	59.1	59.9	60.6	60.2	59.6
1981.....	60.8	60.5	59.8	60.6	60.2	56.7	57.3	58.0	58.5	58.6	59.1	58.1
CIVILIAN LABOR FORCE PARTICIPATION RATE - FEMALES 16-19 YEARS												
1970.....	44.7	44.3	43.7	44.0	43.6	43.0	43.3	44.4	44.8	44.8	44.3	42.7
1971.....	43.8	43.7	43.6	43.3	43.0	41.5	43.9	44.4	43.4	43.0	43.8	44.3
1972.....	45.5	45.3	45.8	46.3	45.6	46.0	46.3	46.2	45.1	45.6	46.3	46.7
1973.....	45.0	47.0	47.2	47.8	47.6	49.0	46.7	47.4	48.4	48.6	49.1	49.2
1974.....	49.0	49.3	49.1	47.9	48.3	49.3	49.3	46.2	50.1	50.2	49.5	48.8
1975.....	50.0	48.7	48.8	48.3	49.8	48.4	49.0	49.2	49.3	48.8	48.4	49.5
1976.....	49.1	49.3	49.7	49.9	50.7	49.6	51.0	50.6	49.3	49.6	49.8	48.9
1977.....	49.7	50.7	51.2	51.0	50.1	52.3	51.1	53.0	51.3	51.4	51.9	51.0
1978.....	51.8	51.9	52.0	52.9	54.6	54.3	54.7	55.3	54.2	54.0	54.3	54.6
1979.....	54.5	54.9	54.9	54.3	53.8	54.1	53.9	52.8	53.6	54.5	54.3	54.9
1980.....	54.2	53.4	52.7	51.6	53.4	52.7	53.6	52.3	53.1	52.6	52.3	52.6
1981.....	52.5	52.6	52.6	53.3	53.0	51.1	51.7	52.1	51.7	51.1	51.0	49.8

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
CIVILIAN LABOR FORCE PARTICIPATION RATE - BOTH SEXES 20 YEARS AND OVER												
1970	61.6	61.6	61.8	61.9	61.6	61.6	61.7	61.6	61.8	61.6	61.7	61.7
1971	61.7	61.4	61.3	61.4	61.5	61.2	61.2	61.4	61.5	61.4	61.6	61.6
1972	61.3	61.2	61.5	61.4	61.5	61.4	61.5	61.5	61.4	61.4	61.3	61.4
1973	61.2	61.5	61.6	61.6	61.5	61.7	61.8	61.6	61.6	61.7	61.9	62.0
1974	62.1	62.2	62.0	61.9	62.0	62.0	62.2	62.1	62.0	62.0	62.1	62.1
1975	62.2	61.9	62.1	62.2	62.3	62.1	62.2	62.2	62.1	62.1	62.0	61.9
1976	62.2	62.1	62.1	62.3	62.3	62.4	62.6	62.6	62.5	62.5	62.7	62.7
1977	62.5	62.7	62.8	62.8	63.0	63.0	62.8	62.9	63.0	63.1	63.5	63.4
1978	63.5	63.4	63.5	63.7	63.7	63.8	63.8	63.7	63.9	63.9	64.1	64.2
1979	64.2	64.4	64.3	64.0	64.0	64.1	64.3	64.4	64.5	64.5	64.4	64.6
1980	64.6	64.6	64.4	64.5	64.7	64.5	64.6	64.6	64.5	64.5	64.6	64.5
1981	64.6	64.6	64.8	64.9	65.2	64.8	64.8	64.8	64.5	64.8	64.8	64.8
CIVILIAN LABOR FORCE PARTICIPATION RATE - MALES 20 YEARS AND OVER												
1970	82.9	82.8	82.9	83.0	82.9	82.6	82.6	82.5	82.5	82.4	82.5	82.5
1971	82.3	82.0	81.9	82.2	82.3	82.0	82.1	82.1	82.0	81.7	81.9	81.9
1972	81.6	81.5	81.8	81.7	81.6	81.7	81.7	81.6	81.6	81.4	81.4	81.5
1973	81.2	81.4	81.6	81.4	81.2	81.2	81.3	81.1	81.0	81.1	81.3	81.4
1974	81.8	81.7	81.3	81.0	81.1	80.9	80.7	80.9	80.8	80.8	80.9	80.7
1975	80.6	80.4	80.4	80.5	80.7	80.2	80.4	80.4	80.2	80.0	79.9	79.6
1976	79.7	79.6	79.6	79.9	79.8	79.7	79.9	79.9	79.9	79.8	80.0	79.8
1977	79.6	79.8	79.7	79.6	79.6	79.8	79.6	79.7	79.4	79.8	79.9	80.0
1978	79.9	79.8	79.7	79.8	79.9	79.6	79.7	79.6	79.5	79.6	80.0	80.0
1979	80.1	80.2	79.9	79.7	79.6	79.7	79.8	79.7	79.8	79.7	79.6	79.6
1980	79.6	79.7	79.4	79.4	79.7	79.3	79.4	79.4	79.3	79.3	79.3	79.2
1981	79.1	79.0	79.2	79.2	79.6	78.9	78.9	78.9	78.8	78.8	78.8	79.0
CIVILIAN LABOR FORCE PARTICIPATION RATE - FEMALES 20 YEARS AND OVER												
1970	43.1	43.1	43.4	43.5	43.0	43.2	43.5	43.3	43.0	43.4	43.4	43.4
1971	43.6	43.3	43.2	43.2	43.2	43.0	43.0	43.2	43.4	43.5	43.8	43.8
1972	43.6	43.4	43.7	43.6	43.8	43.6	43.7	43.8	43.7	43.7	43.6	43.7
1973	43.6	44.0	44.1	44.3	44.3	44.5	44.5	44.5	44.6	44.6	44.9	44.8
1974	44.7	45.0	45.1	45.1	45.1	45.3	45.8	45.5	45.5	45.3	45.5	45.6
1975	45.9	45.6	45.9	46.0	46.0	46.0	46.1	46.2	46.1	46.3	46.2	46.3
1976	46.6	46.6	46.7	46.8	46.8	47.0	47.3	47.3	47.1	47.1	47.5	47.6
1977	47.4	47.6	47.9	48.0	48.2	48.1	48.0	48.1	48.5	48.3	48.8	48.7
1978	48.9	48.9	49.1	49.3	49.4	49.6	49.7	49.5	49.9	50.0	50.1	50.2
1979	50.1	50.3	50.5	50.1	50.2	50.3	50.6	50.9	50.9	50.9	50.9	51.2
1980	51.3	51.2	51.1	51.3	51.3	51.3	51.4	51.5	51.3	51.4	51.5	51.4
1981	51.7	51.8	52.0	52.1	52.4	52.3	52.3	52.2	51.8	52.3	52.4	52.2
CIVILIAN LABOR FORCE PARTICIPATION RATE - BOTH SEXES 20-24 YEARS												
1970	68.9	69.0	68.8	69.0	69.0	68.5	69.4	69.3	69.8	69.5	69.5	69.7
1971	69.2	69.6	68.6	69.1	69.3	68.1	69.0	69.6	69.8	69.7	69.8	70.7
1972	69.7	69.8	70.0	70.1	70.4	70.5	70.8	71.1	71.2	71.6	71.5	71.8
1973	71.7	72.3	72.7	72.7	72.4	72.6	72.6	72.1	72.5	72.8	73.1	73.4
1974	73.6	74.1	73.8	73.7	74.0	73.6	73.8	73.9	74.4	74.3	74.6	74.6
1975	74.3	74.0	74.1	74.2	74.6	73.5	74.2	74.2	74.2	73.7	73.1	73.7
1976	73.8	74.0	74.1	75.0	74.9	74.7	75.3	74.7	74.4	74.9	75.4	75.5
1977	75.3	75.7	75.7	75.1	75.1	76.0	75.6	76.0	76.0	75.7	75.8	76.0
1978	76.4	75.9	76.1	76.7	76.4	77.2	76.9	77.1	77.1	77.1	77.0	77.4
1979	77.3	77.8	77.9	77.6	77.1	77.5	77.5	77.5	77.9	77.2	77.1	77.4
1980	77.3	77.2	76.9	77.1	77.7	77.0	77.2	77.2	77.1	77.5	77.4	77.1
1981	77.6	77.3	77.3	77.5	77.9	77.0	77.3	77.5	77.0	77.4	76.9	77.2
CIVILIAN LABOR FORCE PARTICIPATION RATE - MALES 20-24 YEARS												
1970	82.7	83.0	82.8	83.3	83.4	82.6	83.8	83.6	84.4	83.6	83.8	84.0
1971	83.2	82.3	82.3	83.2	83.3	81.7	82.2	83.4	82.9	83.4	83.1	84.5
1972	83.2	83.4	83.8	83.6	82.9	83.6	83.9	83.7	84.3	84.6	84.5	85.0
1973	84.5	84.9	85.5	85.5	85.1	85.0	85.0	84.4	84.5	85.4	85.8	86.5
1974	87.2	86.8	85.7	85.7	86.2	85.7	85.1	85.2	86.2	86.3	86.4	85.6
1975	85.0	84.8	84.9	85.0	85.3	84.0	84.9	84.8	85.1	84.2	83.4	83.8
1976	83.8	84.5	84.2	85.4	85.3	84.7	85.4	84.8	85.1	85.7	86.1	86.6
1977	86.0	86.1	85.7	85.0	84.3	85.6	85.6	86.3	85.8	85.4	85.2	85.4
1978	85.6	85.1	85.6	85.8	85.4	86.1	85.5	86.3	85.7	86.0	86.5	86.3
1979	86.6	86.6	86.2	86.8	85.6	86.5	86.5	86.2	87.1	86.8	86.0	86.3
1980	86.8	86.5	86.3	86.2	87.1	85.7	85.6	85.7	85.8	86.0	85.7	85.2
1981	85.7	85.4	85.8	85.6	86.4	84.9	85.4	85.8	85.5	85.3	84.9	85.3
CIVILIAN LABOR FORCE PARTICIPATION RATE - FEMALES 20-24 YEARS												
1970	57.9	57.8	57.6	57.6	57.4	57.1	57.7	57.5	57.8	58.0	57.7	57.8
1971	57.6	57.2	57.0	57.3	57.4	56.4	57.8	57.9	58.5	58.0	58.4	58.7
1972	57.9	57.9	57.8	58.3	59.4	58.8	59.2	59.8	59.5	59.9	59.8	59.9
1973	60.1	60.8	61.0	61.1	60.9	61.3	61.3	60.9	61.6	61.4	61.5	61.4
1974	61.2	62.6	62.9	62.8	62.8	62.4	63.5	63.6	63.6	63.4	63.8	64.5
1975	64.8	64.0	64.0	64.2	64.7	63.9	64.3	64.3	64.0	63.9	63.5	64.3
1976	64.5	64.2	64.6	65.3	65.2	65.3	65.8	65.3	64.5	64.8	65.4	65.1
1977	65.2	66.0	66.2	65.9	66.4	67.0	66.2	66.4	67.2	66.6	67.0	67.2
1978	67.8	67.3	67.2	68.1	67.8	68.9	68.7	68.5	69.1	68.8	68.1	69.0
1979	68.5	69.4	70.1	68.9	69.1	69.0	69.1	69.2	69.1	68.2	68.7	69.0
1980	68.8	68.4	68.0	68.6	68.9	68.7	69.3	69.1	68.9	69.4	69.6	69.4
1981	69.9	69.7	69.3	69.9	70.0	69.5	69.6	69.6	69.1	69.9	69.4	69.4

HOUSEHOLD DATA
SEASONALLY ADJUSTED

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
CIVILIAN LABOR FORCE PARTICIPATION RATE - BOTH SEXES 25 YEARS AND OVER												
1970	60.6	60.6	60.8	60.9	60.5	60.6	60.6	60.5	60.2	60.4	60.5	60.5
1971	60.5	60.3	60.2	60.2	60.3	60.2	60.0	60.2	60.2	60.2	60.4	60.2
1972	60.1	59.9	60.2	60.0	60.1	60.0	60.0	60.0	60.0	59.9	59.7	59.8
1973	59.6	59.8	59.9	59.9	59.9	60.0	60.0	59.9	60.0	60.0	60.1	60.1
1974	60.3	60.3	60.2	60.1	60.1	60.2	60.4	60.2	60.2	60.1	60.1	60.1
1975	60.2	59.9	60.1	60.3	60.4	60.3	60.4	60.3	60.3	60.4	60.2	60.0
1976	60.3	60.2	60.2	60.3	60.3	60.5	60.6	60.6	60.7	60.6	60.6	60.7
1977	60.5	60.6	60.8	60.9	61.0	60.9	60.9	60.8	61.0	61.2	61.4	61.3
1978	61.4	61.4	61.5	61.6	61.6	61.7	61.7	61.5	61.8	61.8	62.0	62.1
1979	62.1	62.2	62.2	61.9	61.9	62.1	62.3	62.3	62.4	62.5	62.3	62.5
1980	62.6	62.6	62.4	62.6	62.5	62.6	62.6	62.6	62.5	62.5	62.5	62.5
1981	62.5	62.6	62.8	62.9	63.1	63.0	62.9	62.8	62.5	62.8	62.9	62.8
CIVILIAN LABOR FORCE PARTICIPATION RATE - MALES 25 YEARS AND OVER												
1970	82.8	82.8	82.9	82.9	82.8	82.6	82.4	82.3	82.2	82.3	82.3	82.3
1971	82.1	81.9	81.9	82.0	82.2	82.0	82.1	82.0	81.9	81.6	81.7	81.5
1972	81.6	81.2	81.5	81.4	81.4	81.4	81.3	81.3	81.2	81.1	80.9	81.0
1973	80.6	80.8	80.9	80.7	80.6	80.6	80.7	80.5	80.5	80.5	80.5	80.6
1974	80.9	80.8	80.6	80.3	80.2	80.1	80.0	80.2	80.1	80.1	80.0	79.9
1975	79.8	79.5	79.6	79.7	79.9	79.7	79.8	79.7	79.7	79.5	79.3	78.9
1976	78.9	78.7	78.8	78.9	78.9	79.0	79.0	79.1	79.3	79.0	78.9	78.7
1977	78.5	78.7	78.7	78.7	78.7	78.9	78.6	78.6	78.5	79.0	79.0	79.0
1978	79.0	78.8	78.8	78.8	78.8	78.8	78.7	78.5	78.6	78.6	78.8	78.9
1979	79.0	79.1	78.9	78.6	78.5	78.6	78.7	78.7	78.7	78.6	78.4	78.4
1980	78.5	78.6	78.3	78.3	78.3	78.4	78.4	78.4	78.3	78.2	78.1	78.1
1981	78.0	77.9	78.2	78.2	78.3	78.0	77.9	77.8	77.7	77.7	77.7	77.8
CIVILIAN LABOR FORCE PARTICIPATION RATE - FEMALES 25 YEARS AND OVER												
1970	41.0	40.9	41.3	41.4	40.9	41.1	41.3	41.2	40.8	41.2	41.3	41.3
1971	41.5	41.2	41.1	41.0	41.0	40.9	40.6	40.9	41.1	41.3	41.6	41.5
1972	41.4	41.2	41.5	41.3	41.4	41.3	41.3	41.3	41.4	41.3	41.1	41.2
1973	41.1	41.4	41.5	41.7	41.8	41.9	41.9	41.9	42.0	42.0	42.3	42.2
1974	42.2	42.3	42.3	42.4	42.5	42.6	43.1	42.6	42.7	42.6	42.6	42.6
1975	43.1	42.7	43.1	43.2	43.3	43.3	43.3	43.3	43.3	43.6	43.4	43.5
1976	43.9	43.9	43.9	44.0	44.0	44.2	44.5	44.4	44.4	44.4	44.6	44.8
1977	44.6	44.7	45.0	45.2	45.4	45.2	45.3	45.1	45.6	45.5	46.0	45.8
1978	46.0	46.0	46.2	46.5	46.5	46.7	46.8	46.5	47.0	47.1	47.2	47.3
1979	47.2	47.4	47.5	47.2	47.3	47.5	47.8	48.0	48.1	48.3	48.2	48.5
1980	48.6	48.6	48.5	48.7	48.6	48.6	48.7	48.8	48.6	48.7	48.7	48.7
1981	49.0	49.1	49.3	49.4	49.8	49.7	49.7	49.6	49.2	49.6	49.8	49.6
CIVILIAN LABOR FORCE PARTICIPATION RATE - BOTH SEXES 25-34 YEARS												
1970	69.5	69.6	69.8	70.0	69.6	69.9	70.0	69.9	69.2	69.6	70.0	69.7
1971	69.7	69.7	69.8	69.5	69.8	69.8	69.7	69.8	70.2	70.2	70.3	70.2
1972	70.3	70.6	70.8	70.7	70.8	71.1	71.0	70.9	71.0	71.1	70.9	71.2
1973	71.4	71.9	71.9	71.9	72.1	72.3	72.3	72.4	72.2	72.8	73.1	73.3
1974	73.4	73.4	73.3	73.1	73.4	73.2	73.4	73.6	73.7	74.0	74.3	73.9
1975	74.2	73.6	74.0	74.3	74.4	74.6	74.6	74.5	74.8	75.1	74.9	74.6
1976	75.2	74.9	75.3	75.6	75.7	75.9	76.1	76.0	76.0	75.9	76.1	76.2
1977	76.1	76.4	76.7	76.9	76.9	77.2	77.2	77.2	77.3	77.2	77.2	77.3
1978	77.4	77.7	78.1	78.3	78.3	78.3	78.4	78.1	78.6	78.8	78.8	79.1
1979	79.0	79.0	78.9	78.7	79.0	79.2	79.4	79.4	79.5	79.5	79.4	79.7
1980	80.2	80.1	79.9	80.2	80.0	79.8	80.0	79.9	80.0	80.0	79.9	79.9
1981	80.1	79.9	80.4	80.3	80.9	80.6	80.6	80.5	80.4	80.7	80.8	80.6
CIVILIAN LABOR FORCE PARTICIPATION RATE - MALES 25-34 YEARS												
1970	96.5	96.5	96.7	96.6	96.4	96.6	96.3	96.3	96.3	96.4	96.5	96.2
1971	95.8	96.0	95.9	95.9	96.0	96.0	96.4	96.0	95.9	95.8	95.9	95.5
1972	95.6	95.7	96.0	95.7	95.6	95.8	95.7	95.7	95.6	95.5	95.2	95.3
1973	95.5	95.7	95.7	95.6	95.6	95.8	96.0	95.6	95.6	95.7	95.6	95.9
1974	96.5	95.8	95.9	95.6	96.0	95.8	95.7	95.7	95.6	95.7	96.1	95.6
1975	95.8	94.9	95.2	95.4	95.5	95.4	95.4	95.1	95.3	95.5	95.2	94.8
1976	94.8	94.8	95.0	95.3	95.5	95.4	95.4	95.2	95.4	95.4	95.4	95.0
1977	94.9	95.2	95.4	95.4	95.2	95.5	95.4	95.4	95.1	95.3	95.2	95.2
1978	95.3	95.3	95.4	95.4	95.3	95.1	95.3	95.1	95.3	94.8	95.2	95.5
1979	95.5	95.6	95.4	95.2	95.4	95.3	95.4	95.1	95.2	95.3	95.1	95.3
1980	95.6	95.4	95.2	95.2	95.3	95.2	95.4	95.1	95.6	95.1	95.0	94.8
1981	94.8	94.6	95.1	95.0	95.3	95.0	94.8	94.9	94.9	94.8	94.8	94.6
CIVILIAN LABOR FORCE PARTICIPATION RATE - FEMALES 25-34 YEARS												
1970	44.6	44.9	45.0	45.5	44.7	45.1	45.6	45.4	44.1	44.8	45.3	45.1
1971	45.5	45.2	45.4	44.9	45.5	45.4	44.8	45.3	46.1	46.3	46.3	46.6
1972	46.7	47.1	47.3	47.5	47.6	48.0	48.0	47.7	48.1	48.4	48.2	48.6
1973	48.9	49.6	49.5	49.6	49.9	50.3	50.1	50.6	50.5	51.2	51.9	52.0
1974	51.8	52.3	52.2	51.9	52.2	52.0	52.5	52.8	53.1	53.5	53.7	53.4
1975	54.3	53.5	54.0	54.4	54.6	54.9	54.9	55.1	55.5	55.7	55.7	55.5
1976	56.6	56.2	56.6	57.0	57.0	57.4	57.9	58.0	57.7	57.5	57.8	58.4
1977	58.3	58.6	59.1	59.3	59.7	59.9	60.0	60.0	60.5	60.1	60.2	60.3
1978	60.5	60.9	61.6	62.1	62.2	62.3	62.4	61.9	62.8	63.6	63.2	63.5
1979	63.1	63.3	63.1	63.0	63.5	63.8	64.2	64.5	64.5	64.4	64.5	64.8
1980	65.5	65.5	65.4	65.9	65.5	65.2	65.3	65.4	65.1	65.5	65.6	65.7
1981	66.0	65.8	66.4	66.4	67.0	66.9	67.0	66.8	66.5	67.2	67.5	67.3

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
CIVILIAN LABOR FORCE PARTICIPATION RATE - BOTH SEXES 35-44 YEARS												
1970	73.0	73.1	73.1	73.5	73.1	73.1	73.1	73.0	72.8	73.2	73.2	73.3
1971	73.3	73.4	73.0	73.0	72.9	73.1	73.2	73.3	73.2	73.2	73.5	73.3
1972	73.1	73.0	73.4	73.3	73.5	73.2	73.3	73.4	73.3	73.2	73.7	73.6
1973	73.5	73.7	73.9	73.9	74.1	74.3	73.9	73.9	74.1	74.1	74.1	74.1
1974	74.4	74.4	74.2	74.3	74.3	74.8	75.1	74.9	74.9	74.7	74.8	75.0
1975	75.0	74.6	74.7	75.0	74.8	75.0	74.9	75.5	75.2	75.3	75.1	75.2
1976	75.3	75.7	75.8	75.9	75.5	75.8	75.8	76.2	76.3	76.3	76.4	76.5
1977	76.4	76.5	76.7	76.8	77.0	77.0	77.1	77.0	76.8	77.1	77.7	77.7
1978	78.2	77.9	77.8	77.7	78.2	78.3	77.9	77.9	78.1	78.3	78.4	78.3
1979	78.4	78.7	79.0	78.7	78.8	79.0	79.2	79.5	79.6	79.8	79.5	79.9
1980	79.8	79.9	79.9	79.9	80.1	80.1	80.2	80.1	80.0	80.0	80.2	80.2
1981	80.3	80.4	80.3	80.6	80.7	80.6	80.8	81.0	80.6	80.7	81.0	81.0
CIVILIAN LABOR FORCE PARTICIPATION RATE - MALES 35-44 YEARS												
1970	96.8	97.0	97.0	97.2	97.1	97.1	96.7	96.7	96.7	96.8	96.8	96.7
1971	96.5	96.3	96.3	96.4	96.4	96.6	96.7	96.5	96.8	96.7	96.8	96.3
1972	96.0	96.1	96.2	96.2	96.4	96.4	96.6	96.7	96.4	96.1	96.6	96.4
1973	96.3	96.4	96.4	96.3	96.1	95.9	96.2	96.0	96.0	95.9	96.2	96.1
1974	96.5	96.5	96.4	95.9	95.9	96.0	95.7	95.9	95.9	95.9	95.8	95.9
1975	95.6	95.3	95.4	95.5	95.7	95.9	95.9	95.9	95.8	95.6	95.6	95.3
1976	95.2	95.3	95.4	95.5	95.2	94.9	95.4	95.5	95.7	95.4	95.5	95.5
1977	95.4	95.6	95.6	95.6	95.8	95.5	95.4	95.4	95.4	95.8	95.9	95.9
1978	96.4	95.9	95.7	95.6	95.6	95.7	95.4	95.3	95.3	95.5	95.8	95.6
1979	95.9	96.0	96.1	95.6	95.5	95.6	95.8	95.8	95.8	95.6	95.7	95.6
1980	95.5	95.4	95.3	95.3	95.5	95.4	95.7	95.5	95.7	95.4	95.6	95.4
1981	95.4	95.2	95.4	95.7	95.7	95.3	94.9	95.4	95.4	95.2	95.3	95.4
CIVILIAN LABOR FORCE PARTICIPATION RATE - FEMALES 35-44 YEARS												
1970	51.0	50.9	51.0	51.5	50.8	50.9	51.1	51.0	51.0	51.3	51.3	51.7
1971	51.8	52.1	51.4	51.4	51.1	51.3	51.3	51.8	51.3	51.5	51.8	52.0
1972	52.0	51.6	52.3	52.0	52.1	51.7	51.6	51.8	51.9	51.9	52.4	52.5
1973	52.3	52.5	53.0	53.1	53.6	54.3	53.3	53.4	53.6	53.7	53.6	53.5
1974	53.8	53.9	53.5	54.2	54.1	55.0	56.0	55.2	55.3	54.9	55.3	55.5
1975	55.8	55.3	55.3	55.9	55.4	55.5	55.3	56.4	56.0	56.4	56.1	56.5
1976	56.8	57.5	57.6	57.6	57.2	58.0	57.4	58.1	58.2	58.4	58.5	58.9
1977	58.5	58.7	59.0	59.2	59.4	59.6	60.0	59.8	59.5	59.7	60.6	60.7
1978	61.2	61.0	61.1	61.0	61.9	62.1	61.4	61.6	61.8	62.1	62.1	62.1
1979	61.9	62.4	62.9	62.9	63.1	63.3	63.7	64.3	64.5	65.0	64.2	65.1
1980	65.0	65.2	65.4	65.4	65.6	65.7	65.6	65.6	65.2	65.4	65.6	65.8
1981	66.1	66.5	66.1	66.5	66.6	66.7	67.5	67.4	66.7	67.1	67.5	67.4
CIVILIAN LABOR FORCE PARTICIPATION RATE -BOTH SEXES 45-54 YEARS												
1970	73.7	73.3	73.7	73.5	73.2	73.5	73.7	73.5	73.3	73.6	73.6	73.6
1971	73.5	73.4	73.1	73.3	73.4	73.3	73.1	73.3	73.2	73.0	73.2	73.1
1972	73.2	73.0	73.3	72.8	72.8	72.8	72.7	72.8	72.5	72.3	71.9	72.3
1973	71.9	72.3	72.1	72.6	72.2	72.3	72.8	72.4	72.7	72.6	72.7	72.7
1974	72.8	72.8	72.7	72.5	72.7	72.9	73.1	72.5	72.5	72.4	72.3	72.5
1975	72.1	72.2	72.6	72.5	72.7	72.8	72.8	73.0	72.6	73.1	72.5	72.4
1976	72.3	72.2	72.0	72.2	72.3	72.5	73.0	72.8	72.8	72.9	72.8	72.8
1977	72.4	72.4	72.6	72.6	72.6	72.7	72.2	72.4	72.8	73.1	73.6	73.4
1978	73.4	73.3	73.3	73.2	73.0	72.9	73.6	73.5	73.9	74.0	74.1	74.2
1979	74.3	74.3	74.4	73.8	73.4	73.7	74.5	74.5	74.6	74.5	74.5	74.9
1980	74.7	74.7	74.7	74.7	74.7	75.0	75.0	75.2	75.5	75.2	75.3	75.2
1981	75.4	75.6	75.7	75.9	76.4	75.9	75.8	75.6	75.1	75.5	75.9	75.5
CIVILIAN LABOR FORCE PARTICIPATION RATE - MALES 45-54 YEARS												
1970	94.6	94.3	94.4	94.2	94.2	94.3	94.4	94.2	94.1	94.2	94.2	94.2
1971	94.1	94.2	93.9	94.1	94.1	94.2	93.8	94.0	93.9	93.6	93.4	93.6
1972	93.4	93.3	93.4	93.5	93.4	93.5	93.4	93.0	92.9	93.0	92.9	93.1
1973	92.8	92.9	93.2	92.9	92.8	92.8	93.0	92.9	93.1	93.1	92.8	92.9
1974	93.0	93.0	92.5	91.8	92.1	92.0	92.0	91.9	91.8	92.2	91.9	91.9
1975	91.5	91.3	91.7	91.7	92.4	92.3	92.3	92.9	92.6	92.8	92.3	91.9
1976	91.5	91.3	91.2	91.4	91.2	91.7	91.9	91.8	91.8	91.8	91.5	91.6
1977	90.9	90.9	90.8	90.9	91.0	91.3	90.7	90.9	90.9	91.4	91.7	91.8
1978	91.7	91.4	91.5	91.2	91.6	90.8	91.0	90.8	91.3	91.2	91.3	91.5
1979	91.7	91.9	92.0	91.2	91.0	91.5	91.6	91.7	91.5	91.2	91.1	91.1
1980	91.2	91.2	91.2	91.0	91.2	91.3	91.3	91.4	91.5	91.2	91.5	91.0
1981	91.1	91.0	91.3	91.3	91.8	91.5	91.6	91.5	91.3	91.4	91.9	91.1
CIVILIAN LABOR FORCE PARTICIPATION RATE - FEMALES 45-54 YEARS												
1970	54.4	54.0	54.5	54.3	53.9	54.4	54.7	54.4	54.2	54.6	54.7	54.7
1971	54.5	54.4	54.0	54.2	54.3	54.1	54.1	54.2	54.1	54.2	54.6	54.3
1972	54.7	54.4	54.7	53.9	53.8	53.7	53.8	54.3	53.7	53.3	52.6	53.3
1973	52.7	53.0	53.1	53.9	53.3	53.4	54.4	53.6	54.1	53.9	54.3	54.2
1974	54.2	54.2	54.5	54.7	54.9	55.2	55.7	54.5	54.6	54.5	54.2	54.5
1975	54.6	54.6	54.9	54.7	54.6	54.8	54.8	54.6	54.2	54.9	54.2	54.5
1976	54.5	54.6	54.3	54.5	54.8	54.8	55.5	55.2	55.2	55.4	55.5	55.4
1977	55.3	55.2	55.8	55.7	55.7	55.5	55.2	55.3	56.0	56.2	56.0	56.4
1978	56.4	56.4	56.4	56.6	55.9	56.3	57.4	57.4	57.9	58.0	58.1	58.1
1979	58.1	58.1	58.2	57.8	57.0	57.2	58.6	58.6	58.9	58.9	59.1	59.8
1980	59.4	59.5	59.3	59.5	59.3	59.8	59.9	60.2	60.6	60.3	60.2	60.4
1981	60.9	61.3	61.3	61.6	62.0	61.5	61.1	60.8	60.0	60.8	61.0	61.0

HOUSEHOLD DATA
SEASONALLY ADJUSTED

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
CIVILIAN LABOR FORCE PARTICIPATION RATE - BOTH SEXES 55 YEARS AND OVER												
1970	39.0	39.3	39.4	39.3	39.1	39.0	38.9	38.7	38.6	38.7	38.7	38.7
1971	38.9	38.4	38.4	38.4	38.4	38.1	37.9	38.0	38.0	38.1	38.3	38.1
1972	37.7	37.4	37.5	37.3	37.4	37.3	37.2	37.2	37.3	37.2	36.6	36.6
1973	36.0	36.2	36.2	35.9	35.9	36.0	36.0	35.9	35.7	35.6	35.5	35.5
1974	35.5	35.7	35.5	35.5	35.2	35.2	35.1	35.2	35.0	34.9	34.3	34.7
1975	34.8	34.9	34.8	34.9	34.9	34.6	34.8	34.4	34.3	34.3	34.1	34.1
1976	34.2	34.1	33.9	33.7	33.6	33.8	33.8	34.0	34.0	33.8	33.7	33.8
1977	33.5	33.6	33.5	33.7	33.8	33.4	33.3	33.2	33.6	33.8	33.9	33.9
1978	33.7	33.5	33.5	33.7	33.6	33.9	33.7	33.4	33.6	33.4	33.7	33.7
1979	33.9	33.8	33.7	33.3	33.4	33.3	33.2	33.4	33.4	33.4	33.2	33.2
1980	33.2	33.2	32.8	32.9	32.9	32.8	32.8	33.0	32.7	32.5	32.4	32.3
1981	32.3	32.4	32.6	32.5	32.6	32.4	32.3	32.1	32.0	31.9	31.8	31.9
CIVILIAN LABOR FORCE PARTICIPATION RATE - MALES 55 YEARS AND OVER												
1970	56.3	56.4	56.4	56.3	56.2	55.8	55.5	55.3	55.1	55.1	55.1	55.1
1971	55.2	54.6	54.7	54.8	55.2	54.8	54.8	54.8	54.4	54.1	54.3	53.9
1972	53.9	53.4	53.8	53.4	53.5	53.5	53.2	53.3	53.3	53.3	52.5	52.6
1973	51.5	51.8	52.1	51.4	51.2	51.6	51.4	51.0	51.0	51.1	50.9	51.0
1974	51.0	51.5	51.1	51.0	50.5	50.3	50.3	50.6	50.3	50.5	49.7	50.1
1975	50.1	50.1	49.7	49.9	49.7	49.2	49.6	49.1	49.0	48.6	48.3	48.2
1976	48.2	47.7	47.8	47.7	47.7	48.0	47.7	48.1	48.2	47.7	47.5	47.4
1977	47.3	47.3	47.3	47.2	47.4	47.3	47.2	46.9	47.1	47.6	47.7	47.7
1978	47.1	47.1	47.0	47.2	47.2	47.6	47.3	46.9	47.0	47.0	47.3	47.3
1979	47.5	47.2	46.8	46.4	46.5	46.4	46.5	46.6	46.8	46.3	46.2	45.9
1980	46.1	46.4	45.8	45.8	45.8	45.7	45.6	45.8	45.4	45.2	45.1	45.1
1981	44.9	45.0	45.1	45.1	45.0	44.5	44.5	44.1	44.0	43.9	43.7	44.0
CIVILIAN LABOR FORCE PARTICIPATION RATE - FEMALES 55 YEARS AND OVER												
1970	25.0	25.3	25.7	25.4	25.2	25.3	25.4	25.2	25.3	25.4	25.4	25.4
1971	25.8	25.4	25.3	25.1	25.0	24.8	24.4	24.6	25.0	25.3	25.5	25.5
1972	24.9	24.7	24.6	24.5	24.6	24.5	24.5	24.6	24.7	24.5	24.2	24.0
1973	23.8	23.9	23.7	23.8	23.8	23.8	24.0	24.1	23.8	23.6	23.5	23.4
1974	23.3	23.2	23.3	23.3	23.2	23.3	23.3	23.1	22.9	22.6	22.3	22.7
1975	22.9	23.0	23.1	23.2	23.3	23.3	23.3	22.9	22.9	23.2	23.0	23.1
1976	23.2	23.4	23.1	22.8	22.7	22.8	23.1	23.1	23.0	23.0	23.0	23.1
1977	22.7	22.9	22.8	23.2	23.2	22.6	22.6	22.6	23.1	23.0	23.2	23.1
1978	23.2	23.0	23.0	23.3	23.1	23.3	23.2	23.0	23.2	22.8	23.2	23.2
1979	23.3	23.4	23.5	23.2	23.2	23.1	22.9	23.1	23.0	23.4	23.2	23.2
1980	23.3	23.1	22.8	22.9	22.9	22.7	22.9	23.1	22.9	22.7	22.6	22.4
1981	22.5	22.6	22.9	22.8	23.0	22.9	22.9	22.8	22.6	22.7	22.6	22.4
CIVILIAN LABOR FORCE PARTICIPATION RATE - BOTH SEXES 55-64 YEARS												
1970	61.8	62.0	62.2	62.1	61.9	62.0	61.9	61.6	61.6	61.8	61.7	61.6
1971	62.0	61.7	61.7	61.4	61.3	61.0	60.5	60.8	61.0	61.2	61.6	61.1
1972	60.7	60.2	60.2	60.3	60.4	60.3	60.0	60.0	60.1	59.9	59.4	59.3
1973	58.8	59.1	58.8	58.3	58.2	58.4	58.4	58.2	58.3	58.2	57.9	58.0
1974	58.3	58.6	58.6	58.4	57.9	57.9	57.9	57.8	57.4	57.1	56.7	57.2
1975	57.5	57.5	57.3	57.3	57.4	57.2	57.4	57.1	57.0	57.0	56.6	56.8
1976	56.8	56.6	56.4	56.5	56.2	56.5	56.7	57.0	56.8	56.7	56.4	56.4
1977	56.3	56.2	56.1	56.4	56.7	56.2	56.0	55.7	56.3	56.6	56.6	56.5
1978	56.2	56.1	56.1	56.3	56.1	56.3	56.2	55.9	56.3	56.1	56.8	56.6
1979	56.9	56.6	56.5	55.8	56.1	55.9	56.1	56.1	56.3	56.5	56.1	56.0
1980	56.0	56.1	55.7	55.9	55.8	55.8	55.8	56.0	55.6	55.4	55.2	55.1
1981	55.2	55.2	55.5	55.3	55.6	55.2	55.1	54.9	54.7	54.6	54.5	54.6
CIVILIAN LABOR FORCE PARTICIPATION RATE - MALES 55-64 YEARS												
1970	83.6	83.6	83.6	83.4	83.2	83.2	83.0	82.7	82.6	82.3	82.5	82.4
1971	82.7	82.4	82.4	82.3	82.5	82.1	82.3	82.3	81.7	81.5	81.9	81.2
1972	80.7	80.3	80.8	80.8	80.9	80.9	80.3	80.5	80.3	80.5	79.6	79.7
1973	78.8	79.3	78.9	78.2	77.8	78.4	78.0	77.5	77.9	77.8	77.7	77.9
1974	78.1	78.7	78.3	77.9	77.1	76.8	76.8	77.1	76.7	76.6	76.3	76.5
1975	76.6	76.5	75.8	75.9	76.0	75.4	75.9	75.7	75.4	75.1	74.8	74.7
1976	74.7	73.8	74.0	74.2	74.1	74.6	74.3	75.0	75.0	74.5	74.0	73.8
1977	73.9	73.7	74.1	74.1	73.9	73.9	73.5	73.2	73.4	74.1	73.9	74.0
1978	73.1	73.3	73.2	73.3	73.2	73.5	73.4	72.8	73.1	73.1	73.7	73.6
1979	74.1	73.5	72.9	72.2	72.5	72.3	72.7	72.9	73.1	72.8	72.4	72.2
1980	72.4	72.6	72.2	72.3	72.3	72.4	72.3	72.3	72.0	71.8	71.6	71.6
1981	71.4	71.4	71.5	71.2	71.3	70.7	70.7	70.1	70.2	69.7	69.8	70.0
CIVILIAN LABOR FORCE PARTICIPATION RATE - FEMALES 55-64 YEARS												
1970	42.3	42.8	43.2	43.1	42.9	43.1	43.2	42.9	43.0	43.5	43.3	43.2
1971	43.6	43.4	43.3	42.9	42.5	42.4	41.3	41.9	42.8	43.4	43.8	43.4
1972	43.0	42.4	42.0	42.2	42.3	42.2	42.1	42.0	42.3	41.9	41.6	41.3
1973	41.3	41.4	41.1	40.9	41.1	40.9	41.3	41.4	41.1	41.1	40.8	40.7
1974	40.8	40.9	41.2	41.3	40.9	41.1	41.2	40.7	40.4	39.9	39.5	40.3
1975	40.6	40.9	41.0	40.9	41.2	41.1	41.2	40.7	40.9	41.1	40.7	41.0
1976	41.0	41.5	41.0	40.8	40.3	40.7	41.2	41.3	40.9	41.0	40.9	41.1
1977	40.8	40.7	40.4	40.8	41.5	40.6	40.6	40.4	41.2	41.2	41.3	41.2
1978	41.3	41.1	41.0	41.3	41.1	41.3	41.2	41.1	41.6	41.2	41.9	41.6
1979	41.8	41.9	42.1	41.4	41.7	41.6	41.5	41.5	41.7	42.2	41.8	41.9
1980	41.7	41.7	41.2	41.6	41.4	41.3	41.4	41.7	41.4	41.0	40.9	40.7
1981	41.1	41.1	41.4	41.4	41.8	41.6	41.5	41.5	41.1	41.4	41.1	41.0

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
CIVILIAN LABOR FORCE PARTICIPATION RATE - BOTH SEXES 65 YEARS AND OVER												
1970	17.2	17.4	17.6	17.3	17.2	16.8	16.8	16.7	16.5	16.6	16.6	16.7
1971	16.9	16.1	16.1	16.3	16.6	16.2	16.3	16.2	16.1	16.0	16.0	16.1
1972	15.9	15.8	15.9	15.4	15.5	15.5	15.5	15.7	15.7	15.7	15.1	15.1
1973	14.4	14.6	14.8	14.7	14.7	14.8	14.8	14.8	14.4	14.4	14.4	14.2
1974	14.1	14.2	14.0	14.1	14.0	14.0	13.9	14.2	14.1	14.2	13.6	13.9
1975	13.9	13.9	14.0	14.2	14.1	13.8	13.9	13.6	13.4	13.4	13.4	13.3
1976	13.5	13.4	13.3	12.9	13.0	13.0	12.9	13.0	13.2	12.9	13.0	13.2
1977	12.7	13.0	12.9	13.0	12.9	12.7	12.7	12.8	13.1	13.2	13.4	13.4
1978	13.3	13.1	13.1	13.4	13.4	13.7	13.4	13.2	13.2	13.0	13.1	13.3
1979	13.2	13.3	13.2	13.2	13.1	13.1	12.9	13.1	13.0	12.8	12.9	12.9
1980	13.0	12.9	12.6	12.5	12.6	12.4	12.5	12.8	12.5	12.3	12.4	12.2
1981	12.1	12.2	12.4	12.5	12.4	12.3	12.3	12.2	12.1	12.2	12.0	12.1
CIVILIAN LABOR FORCE PARTICIPATION RATE - MALES 65 YEARS AND OVER												
1970	27.3	27.6	27.7	27.5	27.4	26.7	26.4	26.2	25.9	26.2	26.1	26.1
1971	26.0	25.1	25.2	25.7	26.2	25.8	25.5	25.5	25.4	25.0	25.1	24.9
1972	25.2	24.7	24.9	24.1	24.1	24.2	24.3	24.3	24.5	24.2	23.6	23.7
1973	22.6	22.6	23.4	22.8	22.9	23.0	23.0	22.8	22.3	22.6	22.5	22.2
1974	22.2	22.5	22.2	22.5	22.2	22.3	22.1	22.6	22.5	23.0	21.7	22.3
1975	22.2	22.4	22.4	22.5	22.1	21.6	21.9	21.4	21.3	20.8	20.7	20.5
1976	20.5	20.5	20.4	20.1	20.0	20.2	19.9	20.1	20.3	19.8	20.0	20.1
1977	19.8	19.9	19.4	19.3	19.9	19.7	20.0	19.8	20.0	20.4	20.6	20.7
1978	20.4	20.1	20.0	20.4	20.4	21.1	20.4	20.3	20.3	20.3	20.2	20.5
1979	20.3	20.3	20.0	20.1	19.9	20.1	19.9	19.9	20.2	19.4	19.7	19.4
1980	19.6	19.9	19.2	19.0	19.0	18.8	18.8	19.3	18.7	18.4	18.6	18.5
1981	18.4	18.5	18.6	18.9	18.6	18.3	18.3	18.2	18.0	18.2	17.8	18.3
CIVILIAN LABOR FORCE PARTICIPATION RATE - FEMALES 65 YEARS AND OVER												
1970	9.7	9.8	10.2	9.7	9.6	9.5	9.6	9.6	9.6	9.5	9.6	9.7
1971	10.1	9.4	9.4	9.4	9.5	9.2	9.5	9.4	9.2	9.4	9.4	9.8
1972	9.2	9.4	9.5	9.2	9.3	9.3	9.3	9.5	9.4	9.6	9.1	9.0
1973	8.7	8.9	8.7	9.0	8.9	9.1	9.0	9.2	8.9	8.6	8.8	8.6
1974	8.4	8.3	8.2	8.1	8.2	8.2	8.2	8.3	8.2	8.1	7.9	7.9
1975	8.1	8.0	8.1	8.4	8.4	8.4	8.4	8.1	8.0	8.3	8.3	8.3
1976	8.5	8.5	8.3	8.0	8.2	8.0	8.1	8.1	8.2	8.2	8.2	8.3
1977	7.7	8.2	8.3	8.6	8.1	7.8	7.7	7.9	8.2	8.1	8.3	8.3
1978	8.4	8.2	8.2	8.5	8.5	8.6	8.5	8.2	8.2	7.9	8.1	8.3
1979	8.3	8.5	8.5	8.4	8.3	8.3	8.0	8.3	8.0	8.2	8.3	8.3
1980	8.5	8.1	8.0	8.0	8.1	7.9	8.1	8.2	8.1	8.1	8.0	7.8
1981	7.7	7.9	8.1	8.0	8.1	8.2	8.2	8.1	8.1	8.0	8.0	7.9
CIVILIAN LABOR FORCE PARTICIPATION RATE - WHITE WORKERS												
1970	60.2	60.2	60.4	60.4	60.2	60.0	60.2	60.1	60.1	60.3	60.3	60.3
1971	60.3	60.0	59.8	60.0	60.1	59.7	59.9	60.1	60.1	60.1	60.4	60.4
1972	60.3	60.2	60.4	60.4	60.4	60.4	60.4	60.6	60.5	60.5	60.3	60.4
1973	60.1	60.5	60.8	60.8	60.7	61.1	60.8	60.7	60.9	61.0	61.2	61.2
1974	61.3	61.4	61.4	61.2	61.3	61.4	61.5	61.3	61.5	61.4	61.5	61.4
1975	61.6	61.2	61.4	61.5	61.7	61.4	61.6	61.5	61.5	61.5	61.3	61.3
1976	61.5	61.5	61.5	61.7	61.8	61.8	62.1	62.1	61.9	61.9	62.0	62.1
1977	61.9	62.2	62.3	62.4	62.5	62.7	62.4	62.5	62.5	62.7	63.0	62.8
1978	62.9	62.9	62.8	63.1	63.2	63.4	63.3	63.3	63.4	63.5	63.6	63.8
1979	63.9	64.0	63.9	63.6	63.6	63.7	63.9	63.8	64.0	63.9	64.0	64.2
1980	64.3	64.3	64.0	64.1	64.3	64.1	64.1	64.0	64.0	64.0	64.1	63.9
1981	64.2	64.3	64.3	64.5	64.8	64.2	64.3	64.2	64.0	64.2	64.3	64.1
CIVILIAN LABOR FORCE PARTICIPATION RATE - WHITE MALES 16-19 YEARS												
1970	57.3	57.5	58.1	57.0	57.8	56.4	57.5	56.6	57.7	57.1	57.8	58.4
1971	58.3	57.7	56.4	57.9	57.9	55.6	59.0	58.3	57.4	58.2	59.2	59.2
1972	59.8	59.5	60.0	59.5	59.2	59.6	58.8	61.4	60.7	60.6	60.5	60.9
1973	59.3	61.8	62.4	61.8	60.5	62.6	62.1	61.1	62.6	63.3	63.4	63.1
1974	63.4	63.3	63.0	62.4	62.8	64.0	62.5	61.8	63.8	62.8	62.8	62.6
1975	62.8	62.2	62.2	61.4	62.1	62.3	62.6	62.0	61.9	61.1	61.0	61.1
1976	62.3	62.1	61.9	63.5	62.4	61.7	62.9	63.5	61.3	62.2	61.9	62.2
1977	61.9	63.2	63.4	64.2	64.7	65.3	63.7	64.2	63.3	64.7	65.3	64.3
1978	64.6	64.2	64.1	64.0	64.5	65.8	64.6	67.2	65.2	65.9	65.0	64.9
1979	65.8	64.8	65.0	64.6	64.1	65.0	64.8	63.5	65.2	63.7	64.7	65.9
1980	64.7	64.5	65.2	63.7	64.5	64.3	64.4	62.9	62.2	63.4	62.8	62.3
1981	63.7	64.2	63.5	63.6	63.4	60.2	60.7	61.7	61.9	62.3	62.7	61.4
CIVILIAN LABOR FORCE PARTICIPATION RATE - WHITE FEMALES 16-19 YEARS												
1970	46.0	45.9	45.7	45.8	45.2	43.9	44.7	46.2	46.9	46.5	45.5	44.6
1971	45.9	45.8	45.4	45.1	44.9	43.5	45.4	46.8	45.5	44.9	46.0	46.2
1972	47.4	47.5	47.7	48.7	48.0	48.4	48.3	48.5	47.5	47.9	48.6	49.3
1973	47.3	49.0	49.4	50.3	50.2	50.8	48.6	49.6	50.5	51.5	51.8	51.9
1974	51.5	52.0	51.7	50.9	50.6	51.7	51.7	50.9	52.9	52.9	52.5	51.7
1975	52.6	50.9	51.4	50.9	51.9	50.7	51.6	51.9	51.7	51.3	51.1	51.9
1976	51.7	52.1	52.3	52.7	53.5	52.9	50.4	53.3	52.7	53.0	53.0	52.3
1977	53.0	54.4	54.8	54.6	53.5	55.2	54.5	56.3	54.4	54.6	55.2	54.0
1978	55.0	55.0	54.9	56.3	57.4	56.9	57.3	58.1	57.2	57.1	57.3	57.6
1979	57.8	58.0	58.2	57.3	56.9	57.2	57.0	56.0	57.0	57.8	57.8	58.0
1980	57.6	56.3	55.8	55.2	56.6	56.1	56.8	55.3	56.4	56.5	56.2	56.3
1981	55.9	56.4	55.9	56.9	56.7	54.4	55.2	55.8	55.1	54.1	54.4	53.4

HOUSEHOLD DATA
SEASONALLY ADJUSTED

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
CIVILIAN LABOR FORCE PARTICIPATION RATE - WHITE MALES 20 YEARS AND OVER												
1970.....	82.8	83.0	83.0	83.1	83.0	82.8	82.7	82.6	82.6	82.7	82.7	82.6
1971.....	82.4	82.2	82.1	82.4	82.6	82.3	82.4	82.4	82.3	82.1	82.2	82.2
1972.....	82.1	81.9	82.1	82.0	81.9	82.1	82.0	82.0	82.0	82.0	81.7	81.8
1973.....	81.5	81.7	81.9	81.6	81.5	81.7	81.6	81.4	81.3	81.4	81.5	81.6
1974.....	81.9	81.9	81.6	81.3	81.5	81.3	81.1	81.3	81.3	81.4	81.3	81.1
1975.....	80.8	80.7	80.8	80.9	81.2	80.8	80.9	80.8	80.7	80.5	80.3	80.0
1976.....	80.1	80.1	80.1	80.3	80.3	80.3	80.4	80.4	80.4	80.3	80.4	80.2
1977.....	80.0	80.2	80.0	80.1	80.1	80.3	80.0	80.1	80.0	80.3	80.4	80.4
1978.....	80.2	80.2	80.1	80.2	80.2	80.3	80.1	80.0	79.8	79.9	80.2	80.3
1979.....	80.6	80.7	80.3	80.2	80.0	80.1	80.1	80.0	80.1	79.9	79.9	79.9
1980.....	80.1	80.3	79.9	80.0	80.3	79.9	79.8	79.8	79.7	79.7	79.8	79.6
1981.....	79.6	79.6	79.7	79.9	80.1	79.5	79.5	79.4	79.3	79.3	79.3	79.3
CIVILIAN LABOR FORCE PARTICIPATION RATE - WHITE FEMALES 20 YEARS AND OVER												
1970.....	42.0	42.1	42.3	42.4	41.9	42.1	42.5	42.3	41.9	42.4	42.5	42.5
1971.....	42.7	42.3	42.2	42.1	42.1	41.9	41.8	42.1	42.3	42.4	42.8	42.9
1972.....	42.6	42.4	42.7	42.7	42.8	42.6	42.8	43.0	42.8	42.8	42.6	42.7
1973.....	42.6	43.0	43.1	43.3	43.4	43.7	43.6	43.5	43.7	43.7	44.0	43.8
1974.....	43.8	44.1	44.3	44.3	44.3	44.4	45.0	44.6	44.6	44.4	44.7	44.8
1975.....	45.2	44.9	45.1	45.3	45.4	45.2	45.4	45.4	45.3	45.5	45.4	45.6
1976.....	45.8	45.8	45.8	45.9	46.0	46.2	46.4	46.5	46.3	46.4	46.6	46.8
1977.....	46.6	46.8	47.1	47.2	47.4	47.4	47.3	47.2	47.6	47.6	48.0	47.8
1978.....	48.1	48.0	48.0	48.4	48.5	48.7	48.8	48.5	49.0	49.2	49.2	49.4
1979.....	49.3	49.6	49.6	49.3	49.5	49.5	49.8	50.1	50.2	50.2	50.2	50.5
1980.....	50.6	50.6	50.5	50.7	50.6	50.6	50.6	50.7	50.7	50.7	50.8	50.7
1981.....	51.1	51.2	51.3	51.5	51.9	51.7	51.8	51.6	51.2	51.7	51.8	51.6
CIVILIAN LABOR FORCE PARTICIPATION RATE - BLACK AND OTHER WORKERS												
1970.....	62.7	62.0	62.1	62.1	62.1	62.2	61.7	61.7	61.6	61.2	61.4	61.3
1971.....	61.3	61.1	61.1	60.8	61.2	60.1	61.2	61.0	61.3	61.3	60.9	60.1
1972.....	59.8	60.1	60.3	59.7	60.4	60.5	60.1	60.2	60.0	60.1	60.4	60.3
1973.....	59.4	60.5	60.6	60.4	60.0	60.0	60.9	60.6	60.7	60.8	60.8	60.8
1974.....	61.2	60.8	60.4	59.9	60.1	60.2	60.0	60.1	60.5	60.6	59.9	59.7
1975.....	59.6	59.5	59.4	59.4	59.7	59.7	59.3	59.8	60.2	59.9	59.6	59.3
1976.....	59.4	59.6	59.7	60.1	59.7	59.5	59.6	60.0	59.7	59.7	60.4	60.2
1977.....	59.6	59.9	59.9	59.7	59.9	60.6	60.0	60.8	60.5	60.6	61.2	61.7
1978.....	61.5	61.5	62.1	61.9	62.2	62.4	62.3	62.3	62.5	62.4	62.5	62.2
1979.....	61.7	62.1	62.4	62.1	61.8	62.2	62.3	62.3	62.4	62.8	62.1	62.1
1980.....	61.7	61.5	61.0	61.1	61.8	61.5	62.3	62.0	62.0	62.1	61.9	61.5
1981.....	61.1	60.8	61.4	61.7	61.6	61.0	60.8	61.3	61.3	61.6	61.5	61.5
CIVILIAN LABOR FORCE PARTICIPATION RATE - BLACK AND OTHER MALES 16-19 YEARS												
1970.....	51.2	50.6	49.9	49.3	46.8	48.7	43.5	44.6	46.4	45.7	44.7	46.6
1971.....	46.1	45.9	45.2	46.7	44.7	41.2	45.7	44.7	43.7	46.0	45.3	43.3
1972.....	43.0	45.6	45.8	46.6	46.3	48.0	45.6	49.4	44.6	44.4	47.0	48.0
1973.....	44.2	46.2	45.7	47.6	46.3	45.5	46.7	45.3	47.1	47.0	47.1	47.3
1974.....	50.8	47.0	48.6	45.1	44.3	46.7	47.0	46.4	48.4	49.4	47.5	45.3
1975.....	44.7	46.0	43.5	44.5	43.0	44.3	41.1	41.5	41.9	42.4	40.8	40.9
1976.....	43.2	42.5	42.8	43.2	42.1	38.7	39.6	42.1	42.2	43.4	43.3	44.1
1977.....	41.2	41.0	40.6	38.4	40.3	43.9	45.0	49.3	44.2	45.1	46.9	47.3
1978.....	45.6	46.4	45.8	45.3	43.9	44.8	48.1	44.5	43.6	45.3	46.9	46.0
1979.....	44.5	46.5	46.2	44.3	44.6	43.7	42.1	45.9	44.1	43.7	42.2	41.4
1980.....	42.7	42.3	41.3	40.6	43.6	43.7	44.9	40.9	46.5	46.1	45.8	44.1
1981.....	45.6	41.8	41.2	44.0	44.0	40.2	40.0	41.7	39.8	39.5	40.8	41.5
CIVILIAN LABOR FORCE PARTICIPATION RATE - BLACK AND OTHER FEMALES 16-19 YEARS												
1970.....	36.0	38.9	32.1	33.9	34.0	35.4	32.3	33.3	33.4	34.3	36.5	32.2
1971.....	30.4	30.6	33.1	32.6	31.7	27.2	32.9	29.5	32.2	31.2	30.4	33.8
1972.....	33.8	32.4	33.2	32.5	31.2	30.5	32.6	33.3	31.6	32.0	32.7	31.8
1973.....	31.2	34.8	33.2	34.8	33.0	37.8	35.3	35.2	37.0	32.5	33.7	34.1
1974.....	34.7	33.6	33.7	32.6	35.0	35.4	35.1	33.0	35.1	35.2	32.4	33.6
1975.....	34.8	36.2	34.5	35.6	36.8	34.8	35.4	34.8	37.1	36.3	34.7	36.4
1976.....	35.4	34.6	35.8	35.6	34.1	30.8	32.9	35.4	31.9	31.8	33.3	30.9
1977.....	32.4	31.4	31.7	33.2	29.5	35.7	33.4	34.8	35.1	35.6	35.4	35.5
1978.....	35.4	35.7	36.5	36.1	38.2	39.6	40.9	39.8	38.5	38.0	38.4	38.9
1979.....	38.3	39.9	37.1	41.0	36.9	36.8	37.9	34.8	36.6	38.2	37.5	39.3
1980.....	37.6	39.6	36.7	34.3	36.8	35.5	37.3	35.2	36.3	33.8	33.6	34.2
1981.....	36.0	33.4	35.6	36.2	34.7	34.1	33.1	31.5	33.8	37.4	35.0	33.1
CIVILIAN LABOR FORCE PARTICIPATION RATE - BLACK AND OTHER MALES 20 YEARS AND OVER												
1970.....	82.5	81.5	81.1	80.9	81.3	81.4	82.0	81.9	81.5	80.9	80.8	81.2
1971.....	81.3	80.2	80.3	80.2	79.8	79.9	80.0	79.9	80.3	80.0	79.7	78.6
1972.....	77.3	78.6	78.8	78.3	78.7	79.3	79.2	78.9	78.6	78.7	78.4	78.4
1973.....	77.0	78.3	78.7	78.6	78.4	78.5	79.2	78.7	78.6	79.6	79.2	79.0
1974.....	79.4	79.4	78.7	78.0	78.0	78.2	77.4	77.8	77.4	77.6	77.6	77.2
1975.....	77.1	76.5	76.3	76.2	76.8	76.6	77.2	77.8	78.0	76.9	76.9	76.1
1976.....	75.1	75.3	74.8	75.9	76.3	76.6	76.2	76.5	76.3	76.3	76.7	76.7
1977.....	76.2	76.6	76.5	75.8	76.3	77.0	76.1	76.3	75.0	75.9	76.3	76.7
1978.....	76.7	76.4	76.7	76.8	77.3	77.3	76.8	76.6	77.4	77.4	77.7	77.4
1979.....	76.4	76.8	76.8	76.6	76.5	77.3	77.7	77.5	78.0	77.8	76.7	76.7
1980.....	75.9	75.9	75.1	75.6	75.3	75.8	76.6	76.6	76.4	76.2	76.1	75.4
1981.....	74.5	74.6	74.9	75.0	75.3	74.5	74.5	75.5	75.5	75.5	75.1	75.2

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
CIVILIAN LABOR FORCE PARTICIPATION RATE - BLACK AND OTHER FEMALES 20 YEARS AND OVER												
1970	52.0	51.4	52.4	52.6	52.3	52.3	51.8	51.6	51.4	51.1	51.3	51.2
1971	51.5	51.9	51.6	51.3	52.5	51.3	52.1	52.3	52.3	52.5	52.0	51.2
1972	51.7	51.1	51.2	50.7	51.6	51.5	50.7	50.5	51.1	51.3	51.8	51.5
1973	51.3	51.7	52.0	51.0	50.8	50.3	51.7	51.7	51.6	51.7	51.8	51.9
1974	51.7	51.5	51.0	51.1	51.5	51.1	51.5	51.6	52.1	52.0	51.4	51.3
1975	51.2	50.8	51.5	51.2	51.4	51.7	50.8	51.5	51.7	52.0	51.8	51.5
1976	52.1	52.8	53.2	53.1	52.3	52.7	52.7	52.7	52.7	52.6	53.5	53.1
1977	52.6	53.0	53.0	53.3	53.6	53.2	52.7	53.5	54.7	53.0	54.6	55.2
1978	55.0	55.0	55.9	55.5	55.7	55.8	55.3	56.1	56.4	55.9	55.7	55.3
1979	55.1	55.3	56.2	55.5	55.5	55.8	55.7	55.9	55.7	56.4	56.1	56.0
1980	55.9	55.3	55.3	55.6	56.4	55.6	56.2	56.4	55.8	56.5	56.3	56.0
1981	55.5	55.6	56.3	56.4	56.1	56.1	55.9	56.0	56.0	56.1	56.4	56.4
CIVILIAN LABOR FORCE PARTICIPATION RATE - BLACK WORKERS												
1972	59.6	59.7	59.8	59.7	60.1	60.6	59.8	59.9	59.8	59.6	60.1	60.1
1973	59.8	60.9	60.9	60.3	59.7	59.8	60.8	60.3	60.3	60.4	60.5	60.4
1974	60.8	60.3	59.4	59.6	59.9	59.7	59.7	59.4	60.0	60.2	59.5	59.2
1975	59.2	58.7	59.0	58.6	58.9	59.0	58.6	59.0	59.1	58.6	58.5	58.5
1976	58.9	58.9	59.1	59.8	58.8	58.9	58.7	59.4	58.7	58.6	59.5	59.3
1977	59.1	59.6	59.5	59.3	59.5	60.0	59.3	60.3	59.9	59.8	60.3	61.2
1978	61.2	61.2	61.4	61.3	61.5	61.7	61.5	61.4	61.6	61.5	61.6	61.5
1979	61.1	61.8	61.6	61.2	61.0	61.4	61.6	61.4	61.4	61.7	61.0	61.2
1980	61.2	61.0	60.6	60.6	61.2	60.8	61.5	61.2	61.0	61.1	61.1	60.9
1981	60.9	60.6	61.0	61.3	61.2	60.6	60.2	60.6	60.9	61.0	61.0	61.0
CIVILIAN LABOR FORCE PARTICIPATION RATE - BLACK MALES 16-19 YEARS												
1972	43.3	44.6	43.8	46.0	47.9	49.2	46.3	49.3	44.8	45.0	46.4	48.0
1973	51.9	55.6	53.2	47.0	46.8	43.5	48.0	44.1	47.5	47.8	46.7	48.6
1974	49.1	46.3	48.1	44.8	45.4	46.2	46.6	44.7	47.8	49.1	46.8	45.8
1975	44.6	44.9	43.8	44.7	43.3	45.1	41.6	39.0	41.1	41.3	39.8	40.6
1976	42.9	41.4	41.0	45.6	41.3	37.2	39.4	42.6	41.8	42.4	41.3	42.9
1977	39.8	39.6	39.4	37.2	40.2	43.7	45.5	49.0	44.2	45.4	47.2	47.7
1978	45.7	46.3	45.7	44.9	44.5	44.1	47.9	43.4	43.0	43.8	45.5	44.5
1979	44.0	46.9	46.5	44.1	44.9	43.2	42.2	45.2	42.8	42.5	40.8	40.3
1980	42.0	41.2	41.2	40.8	43.7	43.8	44.5	39.7	45.9	45.2	45.3	44.4
1981	44.7	43.8	41.0	44.6	44.1	39.7	39.4	40.2	40.2	39.0	40.2	41.0
CIVILIAN LABOR FORCE PARTICIPATION RATE - BLACK FEMALES 16-19 YEARS												
1972	34.5	32.2	33.5	32.1	29.9	31.3	31.6	32.5	32.1	32.4	32.5	32.6
1973	31.8	34.2	33.2	34.8	32.6	37.8	35.6	34.8	36.5	32.9	34.3	34.0
1974	34.1	33.2	32.5	31.8	34.4	35.3	34.6	31.5	33.8	34.9	32.2	32.3
1975	30.1	34.5	34.1	34.5	35.0	32.6	32.8	33.5	35.4	34.9	33.8	34.0
1976	34.6	34.1	36.1	34.6	33.3	31.3	31.8	34.5	31.1	30.7	32.8	29.9
1977	32.1	30.9	30.2	32.3	29.4	35.8	31.7	34.0	34.9	34.2	33.9	34.7
1978	35.3	34.7	34.0	35.1	37.8	39.3	38.8	39.2	37.8	37.5	38.0	38.8
1979	37.0	38.4	35.7	39.9	35.9	36.0	36.6	34.0	35.3	37.4	36.9	38.5
1980	36.8	38.0	35.7	32.5	36.1	35.3	36.6	33.8	35.1	32.9	32.5	34.0
1981	35.3	32.7	35.6	34.9	34.6	33.2	31.6	31.1	33.7	37.4	34.7	33.4
CIVILIAN LABOR FORCE PARTICIPATION RATE - BLACK MALES 20 YEARS AND OVER												
1972	77.6	78.3	78.7	78.6	78.7	79.4	78.8	78.7	78.6	78.1	78.1	78.0
1973	77.4	78.4	79.1	78.6	78.1	78.3	78.7	78.3	77.7	78.7	78.5	78.5
1974	79.4	79.0	78.5	78.0	77.8	77.6	76.6	77.0	77.0	77.4	77.2	76.7	
1975	76.9	75.7	75.8	75.3	75.9	75.8	76.3	77.2	77.0	75.8	75.8	75.2
1976	78.8	78.8	78.2	75.5	75.3	75.9	75.4	75.7	75.3	75.1	76.0	75.9
1977	76.1	76.5	78.4	75.7	75.5	76.0	75.1	75.7	78.4	75.0	75.4	75.8
1978	76.6	78.1	76.4	76.5	76.4	[illegible]2	75.8	75.2	76.0	76.1	76.7	76.5
1979	75.9	76.1	76.2	75.7	75.8	[illegible].5	76.8	76.6	76.8	76.7	75.8	75.9
1980	75.7	75.5	76.7	75.3	75.0	75.0	75.6	75.8	75.2	74.9	74.9	74.4
1981	74.2	74.1	74.6	74.7	75.5	74.3	73.9	74.5	74.9	74.7	74.6	74.8
CIVILIAN LABOR FORCE PARTICIPATION RATE - BLACK FEMALES 20 YEARS AND OVER												
1972	51.2	50.9	51.1	50.7	51.6	51.7	50.7	50.6	51.0	50.9	51.0	51.5
1973	51.0	51.0	51.0	51.4	50.9	50.6	52.4	52.2	51.7	51.0	52.0	51.0
1974	51.7	51.4	49.9	51.3	51.6	51.0	51.8	51.6	52.2	51.0	51.2	51.1
1975	51.0	50.0	51.5	50.9	51.2	51.5	50.7	51.1	51.0	51.0	51.1	51.1
1976	52.1	52.5	53.0	53.1	52.2	52.6	52.4	52.5	51.9	52.0	52.0	52.7
1977	52.3	53.3	53.1	53.3	53.6	53.2	52.7	53.6	54.2	53.6	54.1	55.4
1978	54.9	55.2	55.3	55.2	55.6	55.9	55.3	55.9	56.1	55.7	55.3	55.2
1979	55.1	55.7	55.0	55.1	55.0	55.3	55.5	55.3	55.2	55.7	55.3	55.4
1980	55.6	55.3	55.0	55.4	56.0	55.2	55.9	56.1	55.2	56.1	56.0	56.0
1981	55.7	55.9	56.1	56.4	55.7	56.1	55.7	56.1	55.9	56.1	56.4	56.2

HOUSEHOLD DATA
SEASONALLY ADJUSTED

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
IN THOUSANDS												
EMPLOYED - ALL CIVILIAN WORKERS												
1970.....	78,780	78,698	78,863	78,930	78,564	78,413	78,726	78,624	78,498	78,685	78,650	78,59
1971.....	78,864	78,700	78,588	78,987	79,139	78,757	79,305	79,539	79,689	79,918	80,297	80,47
1972.....	80,959	81,108	81,573	81,655	81,887	82,083	82,230	82,578	82,543	82,616	82,990	83,40
1973.....	83,161	83,912	84,452	84,559	84,648	85,185	85,299	85,204	85,488	85,987	86,320	86,40
1974.....	86,555	86,754	86,819	86,669	86,891	86,941	87,149	87,037	87,051	86,995	86,626	86,14
1975.....	85,627	85,256	85,187	85,189	85,451	85,355	85,894	86,234	86,279	86,370	86,456	86,66
1976.....	87,400	87,672	87,985	88,416	88,794	88,563	89,093	89,223	89,173	89,274	89,634	89,80
1977.....	89,928	90,342	90,808	91,271	91,754	91,959	92,084	92,441	92,702	93,052	93,761	94,10
1978.....	94,374	94,502	94,736	95,372	95,771	96,336	96,108	96,474	96,698	97,186	97,475	97,59
1979.....	97,930	98,273	98,416	98,038	98,328	98,684	99,054	98,853	99,428	99,431	99,570	99,95
1980.....	99,833	99,913	99,607	99,112	98,963	98,785	98,891	98,920	99,208	99,328	99,534	99,63
1981.....	99,901	100,069	100,406	100,878	101,045	100,830	100,864	100,840	100,258	100,343	100,172	99,61
EMPLOYED - MALES												
1970.....	49,112	49,089	49,197	49,080	49,075	48,827	48,907	48,850	48,928	48,855	48,950	48,93
1971.....	48,960	48,922	48,911	49,284	49,381	49,151	49,536	49,556	49,563	49,652	49,815	49,85
1972.....	50,078	50,174	50,495	50,560	50,678	50,946	51,029	51,208	51,198	51,196	51,364	51,60
1973.....	51,518	51,816	52,164	52,080	52,003	52,336	52,536	52,376	52,502	52,785	52,910	53,05
1974.....	53,302	53,228	53,157	52,953	53,165	53,084	52,990	53,023	53,072	53,045	52,871	52,43
1975.....	51,967	51,789	51,632	51,544	51,696	51,509	51,884	52,020	52,005	51,998	52,066	52,11
1976.....	52,478	52,670	52,771	53,071	53,144	52,922	53,254	53,421	53,399	53,471	53,486	53,57
1977.....	53,717	53,884	54,081	54,327	54,471	54,733	54,807	54,945	54,974	55,325	55,655	55,84
1978.....	55,852	55,810	55,859	56,153	56,373	56,713	56,561	56,704	56,649	56,822	57,143	57,09
1979.....	57,401	57,515	57,416	57,315	57,450	57,705	57,738	57,577	57,871	57,740	57,722	57,89
1980.....	57,711	57,868	57,631	57,149	57,015	56,824	56,828	56,772	56,906	57,091	57,185	57,28
1981.....	57,323	57,331	57,531	57,792	57,793	57,279	57,640	57,551	57,471	57,266	57,051	56,72
EMPLOYED - FEMALES												
1970.....	29,668	29,609	29,666	29,850	29,489	29,586	29,819	29,774	29,570	29,830	29,700	29,66
1971.....	29,904	29,778	29,677	29,703	29,758	29,606	29,769	29,983	30,126	30,266	30,482	30,61
1972.....	30,881	30,934	31,078	31,095	31,209	31,137	31,201	31,370	31,345	31,420	31,626	31,79
1973.....	31,643	32,096	32,288	32,479	32,645	32,849	32,763	32,828	32,986	33,202	33,410	33,34
1974.....	33,253	33,526	33,662	33,716	33,726	33,857	34,159	34,014	33,979	33,950	33,755	33,70
1975.....	33,660	33,467	33,555	33,645	33,755	33,846	34,050	34,214	34,274	34,372	34,390	34,55
1976.....	34,922	35,002	35,214	35,345	35,650	35,641	35,839	35,802	35,774	35,803	36,148	36,22
1977.....	36,211	36,458	36,727	36,944	37,283	37,226	37,277	37,496	37,728	37,727	38,106	38,26
1978.....	38,522	38,692	38,877	39,219	39,398	39,623	39,547	39,770	40,045	40,324	40,332	40,49
1979.....	40,529	40,758	41,000	40,703	40,874	40,979	41,316	41,276	41,557	41,691	41,848	42,06
1980.....	42,122	42,025	41,976	41,963	41,948	41,961	42,063	42,148	42,302	42,237	42,349	42,34
1981.....	42,578	42,738	42,875	43,086	43,252	43,151	43,224	43,289	42,787	43,077	43,121	42,88
EMPLOYED - BOTH SEXES 16-19 YEARS												
1970.....	6,218	6,243	6,262	6,137	6,159	5,955	6,127	6,118	6,179	6,119	6,090	6,09
1971.....	6,164	6,205	6,101	6,214	6,166	5,965	6,251	6,327	6,209	6,248	6,367	6,40
1972.....	6,532	6,492	6,626	6,678	6,753	6,761	6,761	6,875	6,732	6,824	6,894	6,95
1973.....	6,864	7,033	7,225	7,157	7,168	7,436	7,255	7,273	7,370	7,471	7,485	7,50
1974.....	7,555	7,551	7,540	7,440	7,428	7,483	7,397	7,425	7,504	7,466	7,369	7,25
1975.....	7,198	7,114	7,077	7,020	7,133	6,983	7,050	7,029	7,174	7,084	7,118	7,13
1976.....	7,213	7,271	7,307	7,368	7,454	7,286	7,523	7,369	7,298	7,338	7,320	7,29
1977.....	7,318	7,507	7,531	7,616	7,623	7,737	7,738	7,887	7,659	7,819	7,909	7,94
1978.....	7,899	7,825	7,812	7,937	8,123	8,264	8,140	8,323	8,117	8,165	8,130	8,09
1979.....	8,178	8,187	8,192	8,070	8,022	8,151	8,113	7,861	8,042	8,003	8,079	8,12
1980.....	8,010	7,917	7,938	7,755	7,713	7,683	7,684	7,455	7,640	7,605	7,544	7,57
1981.....	7,530	7,475	7,423	7,522	7,424	7,076	7,186	7,208	7,139	7,025	6,940	6,77
EMPLOYED - MALES 16-19 YEARS												
1970.....	3,458	3,462	3,529	3,401	3,409	3,273	3,391	3,355	3,393	3,347	3,410	3,46
1971.....	3,433	3,467	3,391	3,435	3,464	3,272	3,536	3,515	3,473	3,520	3,606	3,57
1972.....	3,607	3,574	3,674	3,697	3,728	3,799	3,785	3,887	3,804	3,842	3,835	3,86
1973.....	3,817	3,932	4,047	3,982	3,935	4,092	4,084	4,023	4,094	4,154	4,146	4,15
1974.....	4,195	4,171	4,171	4,100	4,126	4,138	4,107	4,073	4,094	4,086	4,038	3,97
1975.....	3,881	3,862	3,856	3,785	3,861	3,755	3,794	3,781	3,879	3,833	3,863	3,84
1976.....	3,886	3,949	3,935	3,974	3,957	3,912	4,018	4,004	3,914	3,947	3,925	3,98
1977.....	3,979	4,046	4,050	4,142	4,191	4,189	4,210	4,200	4,149	4,279	4,339	4,35
1978.....	4,320	4,240	4,224	4,252	4,322	4,471	4,366	4,464	4,354	4,371	4,342	4,28
1979.....	4,344	4,314	4,310	4,282	4,272	4,388	4,339	4,214	4,322	4,246	4,277	4,33
1980.....	4,250	4,243	4,303	4,159	4,091	4,076	4,059	3,904	3,995	3,986	3,970	3,97
1981.....	3,981	3,948	3,913	3,972	3,909	3,682	3,766	3,760	3,778	3,762	3,697	3,60
EMPLOYED - FEMALES 16-19 YEARS												
1970.....	2,760	2,781	2,733	2,736	2,750	2,682	2,736	2,763	2,786	2,772	2,680	2,62
1971.....	2,731	2,738	2,710	2,779	2,702	2,693	2,715	2,812	2,736	2,728	2,761	2,82
1972.....	2,925	2,918	2,952	2,981	3,025	2,962	2,976	2,988	2,928	2,982	3,059	3,09
1973.....	3,047	3,101	3,178	3,175	3,233	3,344	3,171	3,250	3,276	3,317	3,339	3,35
1974.....	3,360	3,380	3,369	3,340	3,302	3,345	3,290	3,352	3,410	3,380	3,331	3,27
1975.....	3,317	3,252	3,221	3,235	3,272	3,229	3,256	3,248	3,295	3,251	3,255	3,28
1976.....	3,327	3,322	3,372	3,394	3,503	3,374	3,505	3,365	3,384	3,391	3,395	3,31
1977.....	3,339	3,461	3,481	3,474	3,432	3,548	3,528	3,687	3,510	3,540	3,570	3,59
1978.....	3,579	3,585	3,588	3,685	3,801	3,793	3,774	3,859	3,763	3,794	3,788	3,80
1979.....	3,834	3,873	3,882	3,788	3,750	3,763	3,774	3,647	3,720	3,757	3,802	3,78
1980.....	3,760	3,674	3,635	3,596	3,622	3,607	3,625	3,551	3,645	3,619	3,574	3,59
1981.....	3,549	3,527	3,510	3,550	3,515	3,394	3,414	3,448	3,361	3,263	3,243	3,17

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
IN THOUSANDS												
EMPLOYED - BOTH SEXES 20 YEARS AND OVER												
1970.....	72,562	72,455	72,601	72,793	72,405	72,458	72,598	72,586	72,319	72,566	72,560	72,504
1971.....	72,700	72,495	72,487	72,773	72,973	72,892	73,054	73,212	73,480	73,670	73,930	74,071
1972.....	74,427	74,616	74,967	74,977	75,134	75,322	75,469	75,703	75,811	75,792	76,096	76,445
1973.....	76,297	76,879	77,227	77,402	77,500	77,749	78,044	77,931	78,118	78,516	78,835	78,893
1974.....	79,000	79,203	79,279	79,229	79,463	79,458	79,752	79,612	79,547	79,529	79,257	78,889
1975.....	78,429	78,142	78,110	78,169	78,318	78,372	78,844	79,205	79,105	79,286	79,338	79,534
1976.....	80,187	80,401	80,678	81,048	81,340	81,277	81,570	81,854	81,875	81,936	82,314	82,513
1977.....	82,610	82,835	83,277	83,655	84,131	84,222	84,346	84,554	85,043	85,233	85,852	86,160
1978.....	86,475	86,677	86,924	87,435	87,648	88,072	87,968	88,151	88,577	88,981	89,345	89,495
1979.....	89,752	90,086	90,224	89,968	90,302	90,533	90,941	90,992	91,386	91,428	91,491	91,830
1980.....	91,823	91,996	91,669	91,357	91,250	91,102	91,207	91,465	91,568	91,723	91,990	92,062
1981.....	92,371	92,594	92,983	93,356	93,621	93,354	93,686	93,632	93,119	93,318	93,232	92,835
EMPLOYED - MALES 20 YEARS AND OVER												
1970.....	45,654	45,627	45,668	45,679	45,666	45,554	45,516	45,495	45,535	45,508	45,548	45,466
1971.....	45,527	45,455	45,520	45,789	45,917	45,879	46,000	46,041	46,090	46,132	46,209	46,280
1972.....	46,471	46,600	46,821	46,863	46,950	47,147	47,244	47,321	47,394	47,354	47,529	47,747
1973.....	47,701	47,884	48,117	48,098	48,068	48,244	48,452	48,353	48,408	48,631	48,764	48,902
1974.....	49,107	49,057	48,986	48,853	49,039	48,946	48,883	48,950	48,978	48,959	48,833	48,458
1975.....	48,086	47,927	47,776	47,759	47,835	47,754	48,050	48,239	48,126	48,165	48,203	48,266
1976.....	48,592	48,721	48,836	49,097	49,193	49,010	49,236	49,417	49,485	49,524	49,561	49,599
1977.....	49,738	49,838	50,031	50,185	50,280	50,584	50,597	50,745	50,825	51,046	51,316	51,492
1978.....	51,532	51,570	51,635	51,901	52,051	52,242	52,195	52,240	52,295	52,451	52,801	52,809
1979.....	53,057	53,201	53,106	53,053	53,178	53,317	53,399	53,363	53,549	53,494	53,445	53,554
1980.....	53,461	53,645	53,328	52,990	52,924	52,748	52,769	52,868	52,911	53,105	53,215	53,312
1981.....	53,342	53,383	53,618	53,820	53,884	53,597	53,874	53,791	53,693	53,504	53,354	53,122
EMPLOYED - FEMALES 20 YEARS AND OVER												
1970.....	26,908	26,828	26,933	27,114	26,739	26,904	27,083	27,011	26,784	27,058	27,020	27,038
1971.....	27,173	27,040	26,967	26,984	27,056	27,013	27,054	27,171	27,390	27,538	27,721	27,791
1972.....	27,956	28,016	28,126	28,114	28,184	28,175	28,225	28,382	28,417	28,438	28,567	28,698
1973.....	28,596	28,995	29,110	29,304	29,432	29,505	29,592	29,578	29,710	29,885	30,071	29,991
1974.....	29,893	30,146	30,293	30,376	30,424	30,512	30,869	30,662	30,569	30,570	30,424	30,431
1975.....	30,343	30,215	30,334	30,410	30,483	30,618	30,794	30,966	30,979	31,121	31,135	31,268
1976.....	31,595	31,680	31,842	31,951	32,147	32,267	32,334	32,437	32,390	32,412	32,753	32,914
1977.....	32,872	32,997	33,246	33,470	33,851	33,638	33,749	33,809	34,218	34,187	34,536	34,668
1978.....	34,943	35,107	35,289	35,534	35,597	35,830	35,773	35,911	36,282	36,530	36,544	36,686
1979.....	36,695	36,885	37,118	36,915	37,124	37,216	37,542	37,629	37,837	37,934	38,046	38,276
1980.....	38,362	38,351	38,341	38,367	38,326	38,354	38,438	38,597	38,657	38,618	38,775	38,750
1981.....	39,029	39,211	39,365	39,536	39,737	39,757	39,810	39,841	39,426	39,814	39,878	39,713
EMPLOYED - BOTH SEXES 25 YEARS AND OVER												
1970.....	62,964	62,894	62,977	63,146	62,728	62,824	62,836	62,768	62,503	62,691	62,693	62,581
1971.....	63,791	62,616	62,565	62,683	62,867	62,868	62,712	62,892	63,081	63,202	63,530	63,510
1972.....	63,869	63,906	64,225	64,155	64,246	64,303	64,417	64,576	64,700	64,613	64,758	65,050
1973.....	64,867	65,279	65,497	65,629	65,750	65,922	66,157	66,091	66,286	66,463	66,682	66,734
1974.....	67,072	67,163	67,178	67,094	67,339	67,406	67,634	67,502	67,402	67,314	67,056	66,842
1975.....	66,515	66,335	66,350	66,408	66,518	66,578	66,961	67,157	67,188	67,383	67,411	67,424
1976.....	68,015	68,070	68,293	68,489	68,697	68,770	68,838	69,178	69,281	69,342	69,500	69,681
1977.....	69,714	69,912	70,239	70,626	71,069	71,027	71,144	71,232	71,702	71,895	72,384	72,621
1978.....	72,981	73,156	73,329	73,689	73,781	74,135	74,117	74,016	74,562	74,841	75,198	75,310
1979.....	75,523	75,748	75,871	75,617	76,017	76,228	76,597	76,667	76,993	77,153	77,054	77,534
1980.....	77,569	77,705	77,437	77,278	77,215	77,226	77,261	77,470	77,561	77,660	77,831	77,914
1981.....	78,180	78,424	78,807	79,180	79,462	79,330	79,464	79,453	79,028	79,228	79,202	78,881
EMPLOYED - MALES 25 YEARS AND OVER												
1970.....	40,510	40,498	40,510	40,507	40,453	40,357	40,282	40,240	40,228	40,222	40,188	40,091
1971.....	40,120	40,077	40,095	40,229	40,362	40,351	40,368	40,377	40,425	40,394	40,495	40,463
1972.....	40,604	40,662	40,858	40,849	40,917	40,970	41,067	41,101	41,154	41,083	41,202	41,363
1973.....	41,254	41,401	41,536	41,483	41,482	41,626	41,744	41,679	41,776	41,846	41,928	42,020
1974.....	42,302	42,324	42,267	42,087	42,262	42,218	42,155	42,253	42,221	42,168	42,075	41,844
1975.....	41,528	41,437	41,341	41,356	41,398	41,368	41,579	41,689	41,655	41,656	41,686	41,672
1976.....	41,905	41,908	42,039	42,156	42,247	42,192	42,270	42,466	42,540	42,541	42,489	42,530
1977.....	42,585	42,712	42,873	43,047	43,185	43,345	43,331	43,449	43,572	43,702	43,945	44,098
1978.....	44,167	44,213	44,226	44,392	44,462	44,658	44,636	44,589	44,714	44,783	45,059	45,118
1979.....	45,287	45,386	45,373	45,209	45,442	45,530	45,612	45,592	45,705	45,692	45,595	45,792
1980.....	45,748	45,892	45,650	45,425	45,379	45,363	45,362	45,470	45,469	45,646	45,686	45,761
1981.....	45,900	45,843	46,097	46,300	46,374	46,168	46,253	46,244	46,160	46,046	45,940	45,709
EMPLOYED - FEMALES 25 YEARS AND OVER												
1970.....	22,454	22,396	22,467	22,639	22,271	22,467	22,554	22,528	22,275	22,469	22,505	22,490
1971.....	22,671	22,539	22,470	22,454	22,505	22,517	22,344	22,515	22,656	22,808	23,035	23,047
1972.....	23,261	23,244	23,367	23,306	23,329	23,333	23,350	23,475	23,546	23,530	23,556	23,687
1973.....	23,613	23,878	23,961	24,146	24,268	24,296	24,413	24,412	24,510	24,617	24,754	24,714
1974.....	24,770	24,839	24,911	25,007	25,077	25,188	25,479	25,249	25,181	25,150	24,981	24,998
1975.....	24,987	24,898	25,009	25,052	25,120	25,210	25,382	25,468	25,533	25,727	25,725	25,752
1976.....	26,110	26,162	26,254	26,333	26,450	26,578	26,568	26,712	26,741	26,801	27,011	27,151
1977.....	27,129	27,200	27,366	27,579	27,884	27,682	27,813	27,783	28,130	28,193	28,439	28,523
1978.....	28,774	28,943	29,103	29,297	29,319	29,477	29,481	29,447	29,848	30,058	30,139	30,192
1979.....	30,236	30,362	30,498	30,408	30,575	30,698	30,985	31,075	31,288	31,461	31,459	31,742
1980.....	31,821	31,813	31,787	31,853	31,836	31,863	31,899	32,000	32,092	32,014	32,145	32,153
1981.....	32,280	32,581	32,710	32,880	33,088	33,162	33,211	33,209	32,868	33,182	33,262	33,172

HOUSEHOLD DATA
SEASONALLY ADJUSTED

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
IN THOUSANDS												
EMPLOYED - BOTH SEXES 25-54 YEARS												
1970.....	48,846	48,749	48,784	48,910	48,650	48,745	48,759	48,704	48,534	48,658	48,653	48,531
1971.....	48,665	48,710	48,582	48,612	48,796	48,854	48,738	48,887	49,050	49,182	49,356	49,389
1972.....	49,696	49,899	50,159	50,120	50,201	50,267	50,399	50,528	50,583	50,591	50,739	51,062
1973.....	51,062	51,421	51,585	51,751	51,883	52,064	52,313	52,222	52,455	52,692	52,819	52,887
1974.....	53,212	53,243	53,252	53,134	53,476	53,605	53,816	53,695	53,619	53,614	53,446	53,220
1975.....	52,850	52,671	52,703	52,742	52,794	52,988	53,260	53,574	53,568	53,851	53,834	53,919
1976.....	54,354	54,455	54,727	54,952	55,067	55,192	55,227	55,482	55,514	55,639	55,743	55,898
1977.....	56,018	56,206	56,496	56,757	57,044	57,168	57,304	57,418	57,697	57,829	58,223	58,476
1978.....	58,764	58,977	59,129	59,375	59,398	59,679	59,755	59,752	60,207	60,501	60,664	60,769
1979.....	60,888	61,116	61,277	61,152	61,442	61,669	62,111	62,137	62,359	62,490	62,420	62,915
1980.....	62,986	62,974	62,863	62,727	62,631	62,669	62,720	62,858	63,052	63,154	63,386	63,515
1981.....	63,777	63,940	64,246	64,565	64,798	64,754	64,930	65,014	64,676	64,829	64,868	64,567
EMPLOYED - MALES 25-54 YEARS												
1970.....	31,390	31,363	31,418	31,382	31,367	31,333	31,287	31,273	31,292	31,287	31,278	31,157
1971.....	31,192	31,257	31,213	31,293	31,345	31,389	31,353	31,404	31,461	31,580	31,549	31,549
1972.....	31,663	31,810	31,961	31,983	32,024	32,085	32,190	32,276	32,249	32,241	32,353	32,496
1973.....	32,529	32,616	32,716	32,754	32,799	32,901	33,061	33,004	33,101	33,221	33,239	33,289
1974.....	33,537	33,481	33,454	33,246	33,507	33,506	33,468	33,510	33,468	33,433	33,402	33,175
1975.....	32,885	32,779	32,772	32,764	32,826	32,879	33,007	33,147	33,130	33,249	33,259	33,286
1976.....	33,443	33,514	33,671	33,750	33,830	33,766	33,829	33,980	33,990	34,061	34,012	34,028
1977.....	34,101	34,225	34,367	34,501	34,573	34,711	34,716	34,830	34,963	35,001	35,211	35,360
1978.....	35,466	35,487	35,513	35,631	35,682	35,774	35,827	35,769	35,913	35,923	36,135	36,181
1979.....	36,316	36,442	36,493	36,393	36,579	36,678	36,751	36,681	36,758	36,778	36,712	36,927
1980.....	36,907	36,900	36,772	36,584	36,540	36,544	36,548	36,606	36,708	36,832	36,920	36,960
1981.....	37,041	37,038	37,274	37,452	37,560	37,448	37,507	37,565	37,519	37,406	37,364	37,092
EMPLOYED - FEMALES 25-54 YEARS												
1970.....	17,456	17,386	17,366	17,528	17,283	17,412	17,472	17,431	17,242	17,371	17,375	17,374
1971.....	17,473	17,453	17,369	17,319	17,451	17,465	17,385	17,483	17,589	17,602	17,807	17,840
1972.....	18,033	18,089	18,198	18,137	18,177	18,182	18,209	18,252	18,334	18,350	18,386	18,566
1973.....	18,533	18,805	18,869	18,997	19,084	19,163	19,252	19,218	19,354	19,471	19,580	19,598
1974.....	19,675	19, 2	19,798	19,888	19,969	20,099	20,198	20,185	20,151	20,181	20,044	20,045
1975.....	19,965	19,892	19,931	19,978	19,968	20,109	20,253	20,427	20,438	20,602	20,575	20,633
1976.....	20,911	20,941	21,056	21,202	21,237	21,426	21,398	21,502	21,524	21,578	21,731	21,870
1977.....	21,917	21,981	22,129	22,256	22,471	22,457	22,588	22,588	22,734	22,828	23,012	23,116
1978.....	23,298	23,490	23,616	23,744	23,716	23,905	23,928	23,983	24,294	24,578	24,529	24,588
1979.....	24,572	24,674	24,784	24,759	24,863	24,991	25,360	25,456	25,605	25,710	25,708	25,988
1980.....	26,079	26,074	26,091	26,143	26,091	26,125	26,172	26,252	26,340	26,322	26,466	26,555
1981.....	26,736	26,902	26,972	27,113	27,238	27,306	27,423	27,449	27,157	27,423	27,504	27,475
EMPLOYED - AGRICULTURAL INDUSTRIES												
1970.....	3,422	3,439	3,499	3,568	3,547	3,555	3,517	3,418	3,451	3,337	3,372	3,380
1971.....	3,393	3,288	3,356	3,574	3,449	3,334	3,386	3,395	3,367	3,405	3,410	3,371
1972.....	3,366	3,358	3,438	3,382	3,412	3,402	3,461	3,403	3,568	3,634	3,517	3,596
1973.....	3,456	3,415	3,469	3,407	3,376	3,509	3,540	3,425	3,342	3,424	3,593	3,658
1974.....	3,756	3,824	3,726	3,582	3,529	3,386	3,436	3,429	3,460	3,431	3,405	3,361
1975.....	3,401	3,361	3,358	3,315	3,560	3,368	3,457	3,429	3,508	3,397	3,331	3,259
1976.....	3,387	3,304	3,296	3,438	3,367	3,310	3,358	3,380	3,278	3,316	3,263	3,251
1977.....	3,185	3,222	3,212	3,313	3,432	3,340	3,247	3,260	3,201	3,272	3,375	3,320
1978.....	3,436	3,322	3,351	3,336	3,336	3,483	3,445	3,401	3,400	3,410	3,270	3,403
1979.....	3,313	3,367	3,359	3,261	3,286	3,334	3,348	3,385	3,379	3,326	3,410	3,396
1980.....	3,327	3,392	3,402	3,280	3,411	3,302	3,345	3,253	3,449	3,363	3,370	3,486
1981.....	3,445	3,346	3,343	3,470	3,405	3,348	3,342	3,404	3,358	3,378	3,372	3,209
EMPLOYED - AGRICULTURAL INDUSTRIES BOTH SEXES 16-19 YEARS												
1970.....	364	371	398	400	394	385	379	388	397	371	384	395
1971.....	418	408	398	487	435	368	394	405	386	399	389	391
1972.....	373	380	440	394	400	417	413	477	386	423	389	395
1973.....	399	382	387	337	366	412	425	402	378	422	452	471
1974.....	469	493	459	484	459	439	411	434	470	458	474	423
1975.....	433	385	417	401	529	461	495	448	488	439	425	440
1976.....	447	465	447	457	427	405	425	448	421	417	407	404
1977.....	394	408	410	418	413	403	394	381	379	381	450	428
1978.....	437	388	393	375	384	408	394	419	389	416	379	395
1979.....	362	407	375	349	366	358	365	350	350	350	343	360
1980.....	347	347	381	363	369	383	412	358	421	396	405	415
1981.....	410	381	381	442	410	384	369	373	367	369	355	326
EMPLOYED - AGRICULTURAL INDUSTRIES MALES 16-19 YEARS												
1970.....	322	325	358	357	344	334	326	327	336	318	325	344
1971.....	357	345	342	421	368	309	333	352	331	334	327	321
1972.....	305	318	342	311	311	347	355	404	329	360	315	314
1973.....	328	302	307	283	312	346	351	330	301	354	387	397
1974.....	395	420	389	408	389	368	345	367	379	381	390	365
1975.....	353	300	353	326	442	386	415	361	418	395	379	373
1976.....	371	403	380	381	358	335	349	373	353	350	348	345
1977.....	339	342	338	361	349	329	327	317	305	307	370	354
1978.....	350	308	325	301	313	336	326	345	321	337	290	303
1979.....	308	347	306	305	310	298	291	281	292	295	288	298
1980.....	282	288	313	287	289	304	340	306	340	323	334	334
1981.....	337	302	311	371	338	325	313	316	304	302	296	279

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
IN THOUSANDS												
EMPLOYED - AGRICULTURAL INDUSTRIES FEMALES 16-19 YEARS												
1970.....	42	46	44	43	40	51	53	61	61	53	59	51
1971.....	61	63	56	66	67	59	61	53	55	65	62	70
1972.....	68	62	58	83	89	70	58	73	62	83	74	81
1973.....	71	90	80	58	54	66	74	72	77	68	65	74
1974.....	74	73	70	76	70	71	66	67	91	77	84	58
1975.....	80	85	64	75	87	75	80	87	70	94	96	67
1976.....	76	62	67	76	69	70	76	75	68	67	59	59
1977.....	55	66	72	57	64	74	67	64	74	74	80	74
1978.....	87	80	68	74	71	72	68	74	68	79	89	92
1979.....	54	60	69	64	56	60	74	69	58	55	55	64
1980.....	65	59	58	76	80	79	72	52	81	73	71	81
1981.....	73	79	70	71	72	59	56	57	63	67	69	67
EMPLOYED - AGRICULTURAL INDUSTRIES BOTH SEXES 20 YEARS AND OVER												
1970.....	3,058	3,068	3,101	3,168	3,163	3,170	3,138	3,030	3,054	2,966	2,988	2,985
1971.....	2,975	2,880	2,958	3,087	3,014	2,966	2,992	2,990	2,981	3,006	3,021	2,980
1972.....	2,993	2,978	2,998	2,988	3,012	2,985	3,048	3,126	3,182	3,211	3,128	3,201
1973.....	3,057	3,033	3,082	3,070	3,010	3,097	3,115	3,023	2,964	3,002	3,141	3,187
1974.....	3,287	3,331	3,267	3,098	3,070	2,947	3,025	2,995	2,990	2,973	2,931	2,938
1975.....	2,968	2,976	2,941	2,914	3,031	2,907	2,962	2,981	3,020	2,958	2,906	2,819
1976.....	2,940	2,839	2,849	2,981	2,940	2,905	2,933	2,932	2,857	2,899	2,856	2,847
1977.....	2,791	2,814	2,802	2,895	3,019	2,937	2,853	2,879	2,822	2,891	2,925	2,892
1978.....	2,999	2,934	2,958	2,961	2,952	3,075	3,051	2,982	3,011	2,994	2,891	3,008
1979.....	2,951	2,960	2,984	2,912	2,920	2,976	2,983	3,035	3,029	2,976	3,067	3,036
1980.....	2,980	3,045	3,021	2,917	3,042	2,919	2,933	2,895	3,028	2,967	2,965	3,071
1981.....	3,035	2,965	2,962	3,028	2,995	2,964	2,973	3,031	2,991	3,009	3,017	2,883
EMPLOYED - AGRICULTURAL INDUSTRIES MALES 20 YEARS AND OVER												
1970.....	2,498	2,503	2,547	2,604	2,603	2,592	2,571	2,517	2,516	2,438	2,453	2,459
1971.....	2,447	2,369	2,446	2,504	2,472	2,438	2,461	2,458	2,422	2,463	2,473	2,435
1972.....	2,446	2,430	2,410	2,422	2,442	2,464	2,498	2,539	2,611	2,625	2,568	2,642
1973.....	2,545	2,486	2,524	2,513	2,480	2,522	2,504	2,482	2,457	2,478	2,575	2,593
1974.....	2,695	2,703	2,659	2,549	2,534	2,445	2,497	2,507	2,499	2,488	2,460	2,478
1975.....	2,464	2,496	2,474	2,454	2,468	2,406	2,435	2,446	2,479	2,433	2,418	2,336
1976.....	2,411	2,391	2,378	2,443	2,441	2,421	2,437	2,394	2,329	2,389	2,388	2,379
1977.....	2,276	2,300	2,292	2,333	2,400	2,377	2,314	2,357	2,326	2,352	2,393	2,387
1978.....	2,441	2,339	2,348	2,357	2,377	2,459	2,448	2,389	2,425	2,386	2,328	2,408
1979.....	2,347	2,362	2,389	2,327	2,335	2,372	2,384	2,422	2,409	2,394	2,446	2,452
1980.....	2,432	2,475	2,439	2,350	2,420	2,351	2,353	2,332	2,432	2,379	2,407	2,387
1981.....	2,409	2,349	2,352	2,419	2,390	2,379	2,383	2,422	2,383	2,413	2,382	2,311
EMPLOYED - AGRICULTURAL INDUSTRIES FEMALES 20 YEARS AND OVER												
1970.....	560	565	554	564	560	578	567	513	538	528	535	526
1971.....	528	511	512	583	542	528	531	532	559	543	548	545
1972.....	547	548	588	566	570	521	554	587	571	586	562	559
1973.....	512	547	558	557	530	575	611	541	507	524	566	594
1974.....	592	628	608	549	536	502	528	488	491	485	471	460
1975.....	504	480	467	460	563	501	527	535	561	525	488	483
1976.....	529	448	471	538	499	484	496	538	528	550	548	568
1977.....	515	514	510	562	619	560	539	522	496	539	582	585
1978.....	558	595	610	604	575	616	603	593	586	608	561	600
1979.....	604	598	595	585	585	604	599	613	620	582	621	584
1980.....	548	570	582	567	622	568	580	563	596	588	558	684
1981.....	626	616	610	609	605	585	590	609	608	596	635	572
EMPLOYED - NONAGRICULTURAL INDUSTRIES												
1970.....	75,358	75,259	75,364	75,362	75,017	74,858	75,209	75,206	75,047	75,348	75,278	75,214
1971.....	75,471	75,412	75,232	75,413	75,690	75,423	75,919	76,144	76,322	76,513	76,867	77,100
1972.....	77,593	77,750	78,135	78,273	78,475	78,681	78,769	78,975	78,975	78,982	79,473	79,804
1973.....	79,705	80,497	80,983	81,152	81,272	81,676	81,759	81,779	82,146	82,563	82,727	82,743
1974.....	82,799	82,930	83,093	83,087	83,362	83,555	83,713	83,608	83,591	83,564	83,221	82,783
1975.....	82,226	81,895	81,829	81,874	81,891	81,987	82,437	82,805	82,771	82,973	83,125	83,406
1976.....	84,011	84,368	84,689	84,978	85,427	85,253	85,735	85,343	85,895	85,958	86,371	86,552
1977.....	86,743	87,120	87,596	87,958	88,322	88,619	88,837	89,181	89,501	89,780	90,386	90,785
1978.....	90,938	91,180	91,385	92,016	92,435	92,853	92,663	93,073	93,294	93,738	94,205	94,190
1979.....	94,617	94,906	95,057	94,777	95,038	95,350	95,706	95,468	96,049	96,105	96,160	96,561
1980.....	96,506	96,521	96,205	95,832	95,552	95,483	95,546	95,667	95,759	95,985	96,144	96,146
1981.....	96,456	96,723	97,063	97,408	97,640	97,082	97,522	97,436	96,900	96,985	96,800	96,404
EMPLOYED - NONAGRICULTURAL INDUSTRIES BOTH SEXES 16-19 YEARS												
1970.....	5,854	5,872	5,864	5,737	5,775	5,570	5,748	5,730	5,782	5,748	5,706	5,695
1971.....	5,746	5,747	5,703	5,727	5,731	5,497	5,857	5,922	5,823	5,849	5,978	6,009
1972.....	6,159	6,112	6,186	6,284	6,353	6,344	6,348	6,398	6,346	6,401	6,505	6,560
1973.....	6,465	6,651	6,838	6,820	6,782	7,024	6,830	6,871	6,992	7,049	7,033	7,037
1974.....	7,386	7,058	7,081	6,956	6,969	7,044	6,986	6,991	7,034	7,008	6,895	6,832
1975.....	6,765	6,729	6,660	6,619	6,604	6,522	6,555	6,581	6,686	6,645	6,693	6,691
1976.....	6,766	6,806	6,860	6,911	7,027	6,881	7,098	6,921	6,877	6,921	6,913	6,886
1977.....	6,924	7,099	7,121	7,198	7,210	7,334	7,344	7,506	7,280	7,430	7,459	7,517
1978.....	7,462	7,437	7,419	7,562	7,739	7,856	7,746	7,904	7,728	7,749	7,751	7,703
1979.....	7,816	7,780	7,817	7,721	7,656	7,793	7,748	7,511	7,692	7,653	7,736	7,767
1980.....	7,663	7,570	7,557	7,392	7,344	7,300	7,272	7,097	7,219	7,209	7,339	7,155
1981.....	7,120	7,094	7,042	7,080	7,014	6,692	6,811	6,835	6,772	6,656	6,585	6,452

HOUSEHOLD DATA
SEASONALLY ADJUSTED

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
IN THOUSANDS												
EMPLOYED - NONAGRICULTURAL INDUSTRIES MALES 16-19 YEARS												
1970.....	3,136	3,137	3,175	3,044	3,065	2,939	3,065	3,028	3,057	3,029	3,085	3,123
1971.....	3,076	3,122	3,049	3,074	3,096	2,963	3,203	3,163	3,142	3,186	3,279	3,251
1972.....	3,302	3,256	3,332	3,386	3,417	3,452	3,430	3,483	3,480	3,502	3,520	3,547
1973.....	3,489	3,630	3,740	3,699	3,623	3,746	3,733	3,693	3,793	3,800	3,759	3,759
1974.....	3,800	3,751	3,782	3,692	3,737	3,770	3,762	3,706	3,715	3,705	3,648	3,614
1975.....	3,528	3,562	3,503	3,459	3,419	3,369	3,379	3,420	3,461	3,438	3,484	3,472
1976.....	3,515	3,586	3,555	3,593	3,593	3,577	3,669	3,631	3,561	3,597	3,577	3,635
1977.....	3,640	3,704	3,712	3,781	3,842	3,860	3,883	3,883	3,844	3,972	3,969	3,999
1978.....	3,970	3,932	3,899	3,951	4,009	4,135	4,040	4,119	4,033	4,034	4,052	3,986
1979.....	4,036	3,967	4,004	3,977	3,962	4,090	4,048	3,933	4,030	3,951	3,989	4,042
1980.....	3,968	3,955	3,990	3,872	3,802	3,772	3,719	3,598	3,655	3,663	3,636	3,639
1981.....	3,644	3,646	3,602	3,601	3,571	3,357	3,453	3,444	3,474	3,460	3,411	3,324
EMPLOYED - NONAGRICULTURAL INDUSTRIES FEMALES 16-19 YEARS												
1970.....	2,718	2,735	2,689	2,693	2,710	2,631	2,683	2,702	2,725	2,719	2,621	2,572
1971.....	2,670	2,675	2,654	2,653	2,635	2,534	2,654	2,759	2,681	2,663	2,699	2,758
1972.....	2,857	2,856	2,854	2,898	2,936	2,892	2,918	2,915	2,866	2,899	2,985	3,013
1973.....	2,976	3,021	3,098	3,121	3,159	3,278	3,097	3,178	3,199	3,249	3,274	3,278
1974.....	3,286	3,307	3,299	3,264	3,232	3,274	3,224	3,285	3,319	3,303	3,247	3,218
1975.....	3,237	3,167	3,157	3,160	3,185	3,153	3,176	3,161	3,225	3,207	3,209	3,219
1976.....	3,251	3,260	3,305	3,318	3,434	3,304	3,429	3,290	3,316	3,324	3,336	3,251
1977.....	3,284	3,395	3,409	3,417	3,368	3,474	3,461	3,623	3,436	3,466	3,490	3,518
1978.....	3,492	3,505	3,520	3,611	3,730	3,721	3,706	3,785	3,695	3,715	3,699	3,717
1979.....	3,780	3,813	3,813	3,744	3,694	3,703	3,700	3,578	3,662	3,702	3,747	3,725
1980.....	3,695	3,615	3,567	3,520	3,542	3,528	3,553	3,499	3,564	3,546	3,503	3,516
1981.....	3,476	3,448	3,440	3,479	3,443	3,335	3,358	3,391	3,298	3,196	3,174	3,128
EMPLOYED - NONAGRICULTURAL INDUSTRIES BOTH SEXES 20 YEARS AND OVER												
1970.....	69,504	69,387	69,500	69,625	69,242	69,288	69,461	69,476	69,265	69,600	69,572	69,519
1971.....	69,725	69,615	69,529	69,686	69,959	69,926	70,062	70,222	70,499	70,664	70,909	71,091
1972.....	71,434	71,638	71,949	71,989	72,122	72,337	72,421	72,577	72,629	72,581	72,968	73,244
1973.....	73,240	73,846	74,165	74,332	74,490	74,652	74,929	74,908	75,154	75,514	75,694	75,706
1974.....	75,713	75,872	76,012	76,131	76,393	76,511	76,727	76,617	76,557	76,556	76,326	75,951
1975.....	75,461	75,166	75,169	75,255	75,287	75,465	75,882	76,224	76,085	76,328	76,432	76,715
1976.....	77,247	77,562	77,829	78,067	78,400	78,372	78,637	78,922	79,018	79,037	79,458	79,666
1977.....	79,819	80,021	80,475	80,760	81,112	81,285	81,493	81,675	82,221	82,342	82,927	83,268
1978.....	83,476	83,743	83,966	84,474	84,696	84,997	84,917	85,169	85,566	85,987	86,454	86,487
1979.....	86,901	87,126	87,240	87,056	87,382	87,557	87,958	87,957	88,357	88,452	88,424	88,794
1980.....	88,843	88,951	88,648	88,440	88,208	88,183	88,274	88,570	88,540	88,756	89,025	88,991
1981.....	89,336	89,629	90,021	90,328	90,626	90,390	90,711	90,601	90,128	90,309	90,215	89,952
EMPLOYED - NONAGRICULTURAL INDUSTRIES MALES 20 YEARS AND OVER												
1970.....	43,156	43,126	43,121	43,075	43,063	42,962	42,945	42,978	43,019	43,070	43,087	43,007
1971.....	43,080	43,086	43,074	43,285	43,445	43,441	43,539	43,583	43,668	43,669	43,736	43,885
1972.....	44,025	44,170	44,411	44,441	44,508	44,683	44,750	44,782	44,783	44,729	44,963	45,105
1973.....	45,158	45,398	45,593	45,585	45,588	45,722	45,948	45,871	45,951	46,153	46,189	46,309
1974.....	46,412	46,354	46,327	46,304	46,505	46,501	46,386	46,443	46,479	46,471	46,373	45,980
1975.....	45,622	45,431	45,302	45,305	45,367	45,348	45,615	45,793	45,647	45,732	45,785	45,930
1976.....	46,181	46,330	46,458	46,654	46,752	46,589	46,799	47,023	47,156	47,175	47,253	47,320
1977.....	47,462	47,538	47,739	47,852	47,880	48,167	48,283	48,388	48,499	48,694	48,973	49,145
1978.....	49,091	49,231	49,287	49,544	49,674	49,783	49,787	49,851	49,870	50,065	50,473	50,401
1979.....	50,710	50,839	50,717	50,726	50,843	50,945	51,015	50,941	51,140	51,100	50,999	51,102
1980.....	51,029	51,170	50,889	50,640	50,504	50,397	50,416	50,536	50,479	50,726	50,808	50,925
1981.....	50,933	51,034	51,266	51,401	51,494	51,218	51,491	51,369	51,310	51,091	50,972	50,811
EMPLOYED - NONAGRICULTURAL INDUSTRIES FEMALES 20 YEARS AND OVER												
1970.....	26,348	26,263	26,379	26,550	26,179	26,326	26,516	26,498	26,246	26,530	26,485	26,512
1971.....	26,645	26,529	26,455	26,401	26,514	26,485	26,523	26,639	26,831	26,995	27,173	27,246
1972.....	27,409	27,468	27,538	27,548	27,614	27,654	27,671	27,795	27,846	27,852	28,005	28,139
1973.....	28,084	28,448	28,552	28,747	28,902	28,930	28,981	29,037	29,203	29,361	29,505	29,397
1974.....	29,301	29,518	29,685	29,827	29,888	30,010	30,341	30,174	30,078	30,085	29,953	29,971
1975.....	29,839	29,735	29,867	29,950	29,920	30,117	30,267	30,431	30,438	30,596	30,647	30,785
1976.....	31,066	31,232	31,371	31,413	31,648	31,783	31,838	31,899	31,862	31,862	32,205	32,346
1977.....	32,357	32,483	32,736	32,908	33,232	33,118	33,210	33,287	33,722	33,648	33,954	34,123
1978.....	34,385	34,512	34,679	34,930	35,022	35,214	35,170	35,318	35,696	35,922	35,981	36,086
1979.....	36,091	36,287	36,523	36,330	36,539	36,612	36,943	37,016	37,217	37,352	37,425	37,692
1980.....	37,814	37,781	37,759	37,800	37,704	37,786	37,858	38,034	38,061	38,030	38,217	38,066
1981.....	38,403	38,595	38,755	38,927	39,132	39,172	39,220	39,232	38,818	39,218	39,243	39,141
EMPLOYED - MALES 16-21 YEARS: MAJOR ACTIVITY SCHOOL												
1970.....	1,519	1,503	1,495	1,439	1,429	1,541	1,353	1,356	1,094	1,159	1,146	1,193
1971.....	1,095	1,121	1,047	1,079	1,089	1,043	1,289	1,300	1,272	1,152	1,194	1,158
1972.....	1,193	1,235	1,184	1,291	1,324	1,255	1,330	1,319	1,300	1,294	1,341	1,382
1973.....	1,181	1,327	1,359	1,372	1,402	1,171	1,281	1,309	1,319	1,388	1,360	1,354
1974.....	1,380	1,340	1,391	1,133	1,277	1,337	1,356	1,350	1,394	1,396	1,377	1,353
1975.....	1,391	1,391	1,418	1,454	1,373	1,435	1,389	1,388	1,358	1,302	1,301	1,315
1976.....	1,445	1,377	1,300	1,292	1,377	1,525	1,399	1,414	1,415	1,397	1,391	1,359
1977.....	1,368	1,372	1,356	1,422	1,411	1,277	1,413	1,414	1,422	1,536	1,527	1,516
1978.....	1,481	1,459	1,555	1,715	1,564	1,397	1,445	1,462	1,595	1,567	1,552	1,554
1979.....	1,481	1,497	1,420	1,398	1,454	1,399	1,473	1,434	1,620	1,438	1,356	1,526
1980.....	1,509	1,535	1,539	1,493	1,372	1,407	1,397	1,415	1,358	1,395	1,356	1,366
1981.....	1,415	1,378	1,439	1,392	1,471	1,448	1,417	1,424	1,360	1,338	1,311	1,267

IN THOUSANDS	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
EMPLOYED - MALES 16-21 YEARS: MAJOR ACTIVITY OTHER												
1970	3,680	3,706	3,744	3,653	3,782	3,393	3,688	3,700	4,083	3,915	4,048	4,060
1971	4,103	4,139	4,120	4,249	4,310	3,609	4,093	4,115	4,147	4,342	4,366	4,459
1972	4,480	4,434	4,600	4,525	4,616	4,884	4,733	4,883	4,827	4,838	4,822	4,815
1973	4,969	5,013	5,124	4,983	4,990	5,426	5,281	5,165	5,237	5,273	5,302	5,342
1974	5,396	5,370	5,332	5,493	5,455	5,391	5,305	5,266	5,334	5,284	5,267	5,177
1975	5,042	5,018	4,932	4,717	4,935	4,775	4,893	4,914	5,002	5,018	5,019	5,054
1976	4,979	5,159	5,200	5,273	5,223	4,970	5,249	5,282	5,189	5,240	5,209	5,327
1977	5,343	5,384	5,441	5,397	5,478	5,649	5,513	5,613	5,516	5,498	5,549	5,600
1978	5,584	5,562	5,515	5,402	5,630	5,960	5,792	6,024	5,719	5,742	5,731	5,664
1979	5,823	5,737	5,804	5,862	5,737	5,962	5,808	5,719	5,692	5,744	5,830	5,709
1980	5,591	5,577	5,605	5,488	5,555	5,363	5,386	5,200	5,411	5,346	5,354	5,407
1981	5,368	5,391	5,254	5,432	5,239	4,936	5,151	5,155	5,274	5,227	5,093	5,050
EMPLOYED - FEMALES 16-21 YEARS: MAJOR ACTIVITY SCHOOL												
1970	1,115	1,113	1,100	1,089	1,041	1,142	1,038	1,057	895	1,003	932	888
1971	912	909	923	772	799	1,120	1,043	1,042	988	963	980	955
1972	998	990	957	1,041	1,129	989	1,079	1,093	1,119	1,031	1,052	1,122
1973	1,013	1,149	1,155	1,193	1,169	1,036	1,108	1,121	1,202	1,139	1,202	1,229
1974	1,147	1,178	1,150	928	1,116	1,157	1,174	1,150	1,147	1,241	1,207	1,187
1975	1,230	1,156	1,186	1,201	1,159	1,256	1,211	1,214	1,171	1,217	1,197	1,140
1976	1,226	1,197	1,181	1,085	1,231	1,366	1,274	1,290	1,297	1,271	1,279	1,272
1977	1,262	1,301	1,269	1,276	1,227	1,223	1,288	1,304	1,331	1,284	1,294	1,313
1978	1,291	1,324	1,394	1,551	1,475	1,328	1,337	1,350	1,589	1,495	1,484	1,527
1979	1,441	1,458	1,421	1,355	1,424	1,340	1,339	1,344	1,470	1,366	1,356	1,366
1980	1,343	1,339	1,322	1,337	1,175	1,343	1,371	1,336	1,384	1,391	1,388	1,316
1981	1,387	1,342	1,391	1,347	1,387	1,366	1,306	1,340	1,282	1,289	1,309	1,322
EMPLOYED - FEMALES 16-21 YEARS: MAJOR ACTIVITY OTHER												
1970	3,574	3,529	3,518	3,474	3,530	3,297	3,541	3,539	3,791	3,634	3,587	3,621
1971	3,618	3,617	3,566	3,689	3,659	3,126	3,536	3,622	3,652	3,667	3,673	3,778
1972	3,791	3,841	3,888	3,879	3,870	3,926	3,873	3,864	3,747	3,925	4,010	3,991
1973	4,062	4,026	4,109	4,054	4,102	4,318	4,161	4,154	4,137	4,277	4,235	4,206
1974	4,280	4,359	4,410	4,563	4,337	4,374	4,336	4,368	4,409	4,383	4,362	4,342
1975	4,262	4,187	4,118	4,146	4,215	4,144	4,172	4,195	4,255	4,147	4,161	4,282
1976	4,282	4,363	4,448	4,540	4,503	4,329	4,564	4,365	4,347	4,370	4,421	4,402
1977	4,409	4,467	4,535	4,517	4,532	4,814	4,618	4,816	4,630	4,655	4,666	4,704
1978	4,709	4,696	4,617	4,648	4,738	5,056	4,926	5,085	4,792	4,872	4,846	4,860
1979	4,959	4,993	5,068	5,012	4,789	5,045	5,007	4,861	4,815	4,868	4,995	4,947
1980	5,002	4,930	4,885	4,846	4,909	4,833	4,806	4,771	4,854	4,831	4,751	4,805
1981	4,679	4,683	4,638	4,763	4,621	4,601	4,617	4,693	4,639	4,523	4,448	4,359
EMPLOYED - MARRIED WORKERS SPOUSE PRESENT												
1970	55,623	55,642	55,680	55,872	55,695	55,533	55,676	56,209	55,217	55,559	55,505	55,453
1971	55,465	55,853	55,367	55,472	55,563	55,709	55,697	55,767	56,067	55,976	56,007	55,958
1972	56,422	56,534	56,755	56,693	56,803	56,747	56,869	57,054	57,073	57,022	57,297	57,617
1973	57,644	57,921	58,227	58,127	58,432	58,437	58,602	58,165	58,410	58,943	59,045	58,969
1974	59,010	59,135	58,967	59,003	59,103	59,135	59,134	59,142	59,063	59,169	58,774	58,395
1975	57,830	57,743	57,716	57,766	57,787	57,865	58,118	58,206	58,220	58,417	58,423	58,325
1976	58,612	58,658	58,787	58,850	59,127	59,143	59,221	59,413	59,327	59,258	59,229	59,338
1977	59,421	59,595	59,914	60,188	60,191	60,226	60,123	60,139	60,383	60,510	60,737	60,946
1978	61,014	61,108	60,821	61,242	61,279	61,371	61,432	61,341	61,881	61,997	62,281	62,333
1979	62,512	62,806	62,722	62,321	62,584	62,754	63,124	63,125	63,245	63,165	62,951	63,140
1980	62,998	63,226	62,956	62,569	62,359	62,422	62,193	62,171	62,191	62,295	62,491	62,631
1981	62,765	62,768	62,956	63,165	63,312	63,036	63,120	63,004	62,481	62,620	62,373	62,033
EMPLOYED - MARRIED MEN, SPOUSE PRESENT												
1970	38,170	38,200	38,226	38,197	38,131	37,946	37,835	37,674	37,808	37,891	37,889	37,809
1971	37,798	37,816	37,840	37,925	37,959	38,083	38,171	38,158	38,272	38,139	38,017	37,991
1972	38,236	38,271	38,417	38,495	38,551	38,603	38,673	38,752	38,779	38,650	38,794	38,944
1973	38,938	39,047	39,160	39,073	39,042	39,156	39,338	39,086	39,137	39,368	39,406	39,466
1974	39,616	39,604	39,394	39,306	39,352	39,281	39,153	39,167	39,142	39,211	38,979	38,686
1975	38,249	38,231	38,151	38,167	38,193	38,163	38,307	38,158	38,296	38,361	38,332	38,176
1976	38,317	38,413	38,511	38,572	38,577	38,506	38,565	38,667	38,615	38,530	38,419	38,509
1977	38,621	38,634	38,727	38,920	38,936	39,033	38,933	38,921	38,900	38,995	39,092	39,170
1978	39,131	39,162	38,891	39,144	39,207	39,240	39,263	39,211	39,386	39,388	39,589	39,604
1979	39,756	39,915	39,750	39,540	39,681	39,745	39,875	39,915	39,869	39,761	39,522	39,574
1980	39,451	39,632	39,370	39,034	38,832	38,923	38,736	38,655	38,705	38,823	38,919	39,001
1981	38,959	38,944	39,036	39,186	39,120	38,930	38,961	38,961	38,855	38,746	38,553	38,342
EMPLOYED - MARRIED WOMEN, SPOUSE PRESENT												
1970	17,453	17,442	17,454	17,675	17,564	17,587	17,841	18,535	17,409	17,668	17,616	17,644
1971	17,667	17,637	17,527	17,547	17,604	17,626	17,526	17,609	17,795	17,837	17,990	17,967
1972	18,186	18,263	18,338	18,198	18,252	18,144	18,196	18,302	18,294	18,372	18,503	18,673
1973	18,706	18,874	19,067	19,054	19,390	19,281	19,264	19,079	19,273	19,575	19,639	19,503
1974	19,394	19,531	19,573	19,697	19,751	19,854	19,981	19,975	19,921	19,958	19,795	19,709
1975	19,581	19,512	19,565	19,599	19,594	19,702	19,811	19,848	19,924	20,056	20,091	20,149
1976	20,295	20,245	20,276	20,278	20,550	20,637	20,656	20,746	20,712	20,728	20,810	20,829
1977	20,800	20,961	21,187	21,268	21,255	21,193	21,190	21,218	21,483	21,515	21,645	21,776
1978	21,883	21,946	21,930	22,098	22,072	22,131	22,169	22,130	22,495	22,609	22,692	22,729
1979	22,756	22,891	22,972	22,781	22,903	23,009	23,249	23,210	23,376	23,404	23,429	23,566
1980	23,547	23,594	23,586	23,535	23,527	23,499	23,457	23,516	23,486	23,472	23,572	23,630
1981	23,806	23,824	23,920	23,979	24,192	24,106	24,159	24,043	23,626	23,874	23,820	23,691

HOUSEHOLD DATA
SEASONALLY ADJUSTED

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
IN THOUSANDS												
EMPLOYED - WOMEN WHO MAINTAIN FAMILIES												
1970.....	2,878	2,892	2,833	2,807	2,812	2,854	2,814	2,812	2,774	2,840	2,850	2,876
1971.....	2,912	2,938	2,972	2,972	2,984	2,949	3,007	3,010	3,012	2,976	3,031	3,038
1972.....	3,020	3,021	3,052	3,101	3,147	3,168	3,178	3,176	3,305	3,254	3,230	3,229
1973.....	3,201	3,271	3,287	3,327	3,222	3,211	3,239	3,286	3,329	3,346	3,345	3,320
1974.....	3,351	3,409	3,448	3,520	3,541	3,562	3,647	3,569	3,576	3,542	3,553	3,574
1975.....	3,557	3,535	3,551	3,546	3,577	3,602	3,629	3,716	3,647	3,677	3,640	3,675
1976.....	3,733	3,781	3,807	3,813	3,797	3,816	3,830	3,826	3,791	3,874	3,922	3,952
1977.....	3,965	3,943	3,937	3,991	4,016	4,040	4,053	4,078	4,154	4,193	4,234	4,317
1978.....	4,339	4,391	4,415	4,410	4,461	4,481	4,443	4,605	4,537	4,572	4,581	4,550
1979.....	4,563	4,615	4,590	4,602	4,620	4,638	4,731	4,695	4,703	4,705	4,746	4,793
1980.....	4,831	4,727	4,742	4,748	4,731	4,760	4,773	4,809	4,800	4,799	4,809	4,826
1981.....	4,883	4,926	4,960	5,061	5,006	5,003	4,989	4,988	5,015	5,045	5,049	5,064
EMPLOYED - WHITE-COLLAR WORKERS												
1970.....	37,896	37,852	37,969	38,042	37,983	38,117	38,140	37,922	37,919	38,091	38,126	38,204
1971.....	38,153	37,825	37,988	38,105	38,324	38,122	38,279	38,611	38,791	38,832	39,935	38,575
1972.....	38,749	38,962	38,878	39,130	39,123	39,044	39,403	39,501	39,648	39,671	39,887	39,936
1973.....	40,099	40,360	40,386	40,222	40,437	40,443	40,499	40,754	41,000	41,335	41,647	41,582
1974.....	41,728	41,897	42,048	42,055	42,105	42,441	42,384	42,176	42,403	42,479	42,344	42,293
1975.....	42,451	42,283	42,441	42,636	42,639	42,828	42,979	43,152	43,035	43,058	43,028	42,955
1976.....	43,418	43,723	43,968	43,993	44,343	44,292	44,146	44,516	44,606	44,860	45,081	45,289
1977.....	45,209	45,184	45,168	45,505	45,456	45,606	45,862	46,033	46,341	46,925	47,155	47,169
1978.....	47,318	47,290	47,537	47,580	47,814	48,083	48,063	48,170	48,408	48,751	48,926	49,172
1979.....	49,226	49,792	49,991	50,053	50,141	50,109	50,436	50,535	50,748	50,817	51,034	51,160
1980.....	51,359	51,474	51,392	51,499	51,696	51,846	52,069	52,305	52,156	52,222	52,299	52,316
1981.....	52,662	52,739	52,860	52,855	53,016	52,957	52,907	53,141	52,908	53,199	53,086	53,084
EMPLOYED - PROFESSIONAL AND TECHNICAL WORKERS												
1970.....	11,180	11,022	11,066	11,162	11,112	11,169	11,261	11,182	11,167	11,154	11,115	11,178
1971.....	10,936	10,974	10,923	11,022	11,115	11,273	11,063	11,125	11,189	11,203	11,281	11,241
1972.....	11,269	11,315	11,461	11,519	11,489	11,468	11,491	11,649	11,671	11,575	11,758	11,781
1973.....	11,909	11,792	11,731	11,620	11,689	11,782	11,753	11,860	11,982	12,181	12,184	12,213
1974.....	12,250	12,463	12,355	12,474	12,441	12,569	12,626	12,571	12,629	12,581	12,504	12,431
1975.....	12,592	12,659	12,847	12,881	12,955	12,826	13,056	13,083	13,020	13,035	13,060	13,268
1976.....	13,367	13,327	13,405	13,217	13,439	13,548	13,425	13,695	13,884	13,663	13,927	13,741
1977.....	13,692	13,692	13,697	13,752	13,694	13,833	14,013	13,986	14,146	14,384	14,307	14,245
1978.....	14,304	14,270	14,323	14,363	14,576	14,561	14,530	14,583	14,534	14,714	14,774	14,980
1979.....	15,029	15,259	15,358	15,424	15,454	15,304	15,388	15,369	15,493	15,391	15,474	15,626
1980.....	15,663	15,777	15,775	15,924	15,965	16,031	16,104	16,073	15,867	16,119	16,230	16,134
1981.....	16,270	16,185	16,219	16,178	16,093	16,410	16,364	16,621	16,598	16,681	16,657	16,774
EMPLOYED - MANAGERS AND ADMINISTRATORS, EXCEPT FARM												
1970.....	8,173	8,226	8,281	8,258	8,357	8,361	8,324	8,230	8,233	8,322	8,352	8,396
1971.....	8,709	8,602	8,710	8,698	8,715	8,700	8,695	8,849	8,933	8,955	8,791	8,040
1972.....	8,016	8,104	7,993	7,950	7,935	7,961	8,093	8,126	8,079	8,153	8,189	8,342
1973.....	8,369	8,553	8,563	8,648	8,615	8,571	8,686	8,758	8,775	8,857	9,043	9,124
1974.....	9,155	9,130	9,036	9,116	9,217	9,221	9,109	8,851	8,803	8,999	8,904	8,872
1975.....	8,930	8,793	8,869	8,872	9,002	9,067	8,886	9,116	9,220	9,145	9,218	8,959
1976.....	9,133	9,279	9,378	9,538	9,407	9,378	9,370	9,445	9,588	9,563	9,642	9,724
1977.....	9,701	9,620	9,642	9,619	9,650	9,736	9,743	9,827	9,931	10,108	10,115	10,177
1978.....	10,203	10,236	10,288	10,347	10,192	10,291	10,309	10,301	10,260	10,172	10,323	10,547
1979.....	10,499	10,524	10,562	10,591	10,636	10,735	10,756	10,886	10,859	10,880	10,890	10,857
1980.....	10,822	11,111	10,928	10,955	11,110	11,135	11,186	11,351	11,228	11,205	11,287	11,370
1981.....	11,561	11,629	11,725	11,616	11,488	11,411	11,578	11,460	11,533	11,616	11,461	11,424
EMPLOYED - SALES WORKERS												
1970.....	4,766	4,797	4,770	4,771	4,796	4,835	4,852	4,896	4,908	4,957	4,934	5,019
1971.....	5,067	5,035	5,092	5,089	5,022	4,917	5,071	5,073	5,042	5,084	5,156	5,352
1972.....	5,272	5,326	5,295	5,366	5,427	5,269	5,391	5,368	5,449	5,454	5,501	5,498
1973.....	5,584	5,450	5,472	5,449	5,454	5,524	5,476	5,323	5,416	5,445	5,512	5,406
1974.....	5,472	5,466	5,519	5,458	5,459	5,389	5,400	5,481	5,560	5,547	5,492	5,431
1975.....	5,516	5,524	5,486	5,552	5,552	5,615	5,645	5,570	5,528	5,623	5,400	5,335
1976.....	5,364	5,410	5,477	5,520	5,616	5,566	5,518	5,620	5,664	5,676	5,672	5,813
1977.....	5,733	5,873	5,704	5,842	5,786	5,795	5,803	5,873	5,885	5,833	5,859	5,871
1978.....	5,966	5,895	6,048	5,987	6,034	6,066	6,115	6,050	6,048	6,098	6,236	6,139
1979.....	6,113	6,206	6,193	6,251	6,239	6,238	6,299	6,270	6,291	6,367	6,486	6,431
1980.....	6,510	6,304	6,275	6,184	6,173	6,128	6,266	6,252	6,468	6,448	6,301	6,321
1981.....	6,384	6,397	6,372	6,290	6,562	6,513	6,373	6,490	6,441	6,400	6,418	6,450
EMPLOYED - CLERICAL WORKERS												
1970.....	13,777	13,807	13,852	13,851	13,718	13,752	13,703	13,614	13,611	13,658	13,725	13,611
1971.....	13,441	13,214	13,263	13,298	13,472	13,232	13,450	13,564	13,627	13,590	13,707	13,942
1972.....	14,192	14,217	14,129	14,295	14,272	14,346	14,428	14,358	14,409	14,489	14,439	14,315
1973.....	14,237	14,565	14,620	14,507	14,679	14,566	14,584	14,813	14,827	14,852	14,908	14,839
1974.....	14,851	14,838	15,138	15,007	14,988	15,262	15,249	15,273	15,411	15,352	15,444	15,559
1975.....	15,417	15,307	15,239	15,371	15,130	15,320	15,392	15,383	15,267	15,255	15,350	15,393
1976.....	15,554	15,707	15,708	15,718	15,881	15,800	15,833	15,758	15,670	15,958	15,840	16,011
1977.....	16,083	15,999	16,125	16,292	16,326	16,242	16,283	16,347	16,379	16,620	16,874	16,876
1978.....	16,845	16,889	16,878	16,883	17,012	17,165	17,109	17,236	17,566	17,767	17,593	17,526
1979.....	17,585	17,803	17,882	17,787	17,812	17,832	17,995	18,010	18,105	18,179	18,184	18,246
1980.....	18,364	18,282	18,414	18,436	18,468	18,552	18,513	18,629	18,593	18,450	18,481	18,493
1981.....	18,447	18,528	18,544	18,771	18,873	18,623	18,592	18,570	18,336	18,502	18,550	18,436

IN THOUSANDS	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
EMPLOYED - BLUE-COLLAR WORKERS												
1970	28,277	28,217	28,107	28,017	27,782	27,480	27,709	27,814	27,572	27,625	27,674	27,455
1971	27,184	27,322	26,947	27,112	27,072	27,074	27,272	27,131	27,247	27,312	27,470	27,964
1972	28,473	28,336	29,440	28,412	28,643	28,908	28,570	28,870	28,839	28,803	28,854	29,182
1973	29,309	29,662	29,879	30,128	30,037	30,228	30,306	30,154	30,313	30,327	30,183	30,307
1974	30,505	30,273	30,185	30,003	30,319	30,067	30,155	30,183	30,095	29,957	29,742	29,232
1975	28,497	28,301	28,006	28,048	28,029	27,997	28,058	28,412	28,377	28,537	28,550	28,849
1976	28,978	29,090	29,162	29,374	29,345	29,428	29,609	29,395	29,272	29,537	29,592	29,629
1977	29,908	30,216	30,394	30,483	30,756	30,771	30,695	30,837	30,895	30,799	31,020	31,387
1978	31,199	31,535	31,564	32,025	32,034	32,219	31,954	32,214	32,371	32,497	32,624	32,522
1979	32,863	32,752	32,588	32,193	32,444	32,722	32,763	32,580	32,807	32,768	32,631	32,951
1980	32,530	32,402	32,260	31,660	31,260	31,056	30,783	30,727	31,071	31,266	31,353	31,271
1981	31,151	31,193	31,288	31,685	31,796	31,538	31,580	31,611	31,266	30,953	30,683	30,344
EMPLOYED - CRAFT AND KINDRED WORKERS												
1970	10,135	10,153	10,273	10,204	10,121	10,076	10,093	10,166	10,216	10,238	10,190	10,135
1971	10,013	10,262	9,976	10,096	10,095	10,204	10,284	10,143	10,103	10,159	10,269	10,914
1972	10,920	10,900	10,933	10,823	10,832	10,903	10,772	10,880	10,887	10,846	10,813	10,915
1973	10,995	11,100	11,278	11,318	11,431	11,441	11,470	11,372	11,473	11,381	11,498	11,470
1974	11,522	11,514	11,782	11,653	11,652	11,555	11,616	11,623	11,619	11,566	11,586	11,332
1975	11,035	11,087	10,950	11,018	10,997	11,031	11,089	11,196	11,036	11,249	11,161	11,428
1976	11,323	11,411	11,342	11,302	11,412	11,400	11,498	11,431	11,499	11,585	11,568	11,494
1977	11,746	11,790	11,946	12,009	12,090	12,041	12,092	12,123	12,138	12,096	12,289	12,448
1978	12,293	12,374	12,362	12,432	12,453	12,637	12,475	12,834	12,792	12,778	12,973	12,867
1979	13,060	13,148	12,987	12,844	13,032	13,240	13,135	13,080	13,225	13,232	13,167	13,283
1980	13,108	13,014	12,965	12,918	12,737	12,622	12,603	12,565	12,792	12,804	12,749	12,619
1981	12,621	12,684	12,826	12,825	12,911	12,749	12,787	12,729	12,514	12,446	12,411	12,446
EMPLOYED - OPERATIVES, EXCEPT TRANSPORT												
1972	10,331	10,150	11,077	10,208	10,392	10,452	10,302	10,456	10,454	10,434	10,513	10,680
1973	10,784	11,004	11,018	11,061	10,984	11,041	11,148	11,130	11,054	11,171	11,075	11,009
1974	10,953	10,914	10,623	10,768	10,870	10,891	10,942	10,730	10,749	10,601	10,445	10,215
1975	9,892	9,751	9,571	9,693	9,603	9,519	9,533	9,730	9,891	9,878	9,958	10,023
1976	10,179	10,155	10,131	10,273	10,254	10,361	10,321	10,229	10,071	10,134	10,176	10,404
1977	10,375	10,445	10,549	10,504	10,601	10,498	10,506	10,509	10,511	10,489	10,557	10,631
1978	10,774	10,831	10,889	11,149	11,013	11,170	11,100	10,961	11,134	11,298	11,249	11,091
1979	11,177	11,091	11,212	10,962	10,902	11,044	11,109	11,134	11,157	11,113	11,129	11,301
1980	10,928	10,868	10,828	10,622	10,502	10,397	10,331	10,292	10,407	10,458	10,570	10,592
1981	10,586	10,618	10,464	10,691	10,716	10,703	10,719	10,658	10,524	10,410	10,220	10,169
EMPLOYED - TRANSPORT EQUIPMENT OPERATIVES												
1972	3,217	3,222	3,259	3,222	3,196	3,242	3,175	3,195	3,209	3,222	3,244	3,267
1973	3,196	3,329	3,308	3,385	3,322	3,193	3,322	3,308	3,355	3,353	3,363	3,371
1974	3,374	3,299	3,278	3,283	3,323	3,300	3,398	3,438	3,294	3,274	3,282	3,299
1975	3,299	3,248	3,262	3,243	3,214	3,206	3,249	3,322	3,245	3,278	3,255	3,211
1976	3,204	3,249	3,264	3,318	3,310	3,366	3,354	3,339	3,309	3,363	3,305	3,342
1977	3,405	3,470	3,508	3,503	3,567	3,553	3,500	3,541	3,575	3,509	3,545	3,576
1978	3,475	3,666	3,584	3,610	3,570	3,580	3,557	3,498	3,617	3,645	3,657	3,650
1979	3,710	3,659	3,629	3,633	3,741	3,689	3,693	3,643	3,665	3,629	3,664	3,675
1980	3,682	3,638	3,630	3,565	3,531	3,492	3,398	3,508	3,482	3,491	3,494	3,467
1981	3,425	3,446	3,447	3,483	3,466	3,493	3,526	3,530	3,506	3,580	3,438	3,368
EMPLOYED - NONFARM LABORERS												
1970	3,817	3,777	3,759	3,741	3,729	3,559	3,721	3,801	3,710	3,631	3,784	3,723
1971	4,142	4,079	4,013	4,046	4,034	3,871	4,067	4,049	4,060	4,154	4,091	3,823
1972	4,005	4,064	4,171	4,159	4,223	4,311	4,321	4,347	4,289	4,301	4,288	4,320
1973	4,332	4,229	4,275	4,364	4,300	4,353	4,366	4,344	4,431	4,422	4,247	4,457
1974	4,656	4,546	4,502	4,299	4,464	4,371	4,203	4,392	4,433	4,516	4,429	4,386
1975	4,271	4,215	4,223	4,094	4,215	4,241	4,187	4,164	4,205	4,132	4,176	4,185
1976	4,268	4,275	4,425	4,481	4,369	4,301	4,436	4,396	4,393	4,455	4,543	4,389
1977	4,382	4,511	4,391	4,467	4,498	4,679	4,597	4,664	4,671	4,705	4,629	4,732
1978	4,657	4,664	4,729	4,834	4,998	4,832	4,822	4,921	4,828	4,776	4,845	4,914
1979	4,916	4,854	4,760	4,754	4,769	4,749	4,806	4,723	4,760	4,794	4,671	4,692
1980	4,812	4,882	4,837	4,555	4,490	4,543	4,451	4,362	4,390	4,513	4,540	4,593
1981	4,519	4,485	4,551	4,686	4,703	4,593	4,548	4,699	4,722	4,517	4,614	4,361
EMPLOYED - SERVICE WORKERS												
1970	9,673	9,564	9,591	9,611	9,588	9,597	9,693	9,811	9,966	9,906	9,808	9,812
1971	10,716	10,681	10,618	10,511	10,704	10,597	10,703	10,759	10,742	10,759	10,841	10,845
1972	10,960	10,928	10,920	11,027	11,128	11,164	11,111	11,013	10,980	10,968	11,021	11,042
1973	10,937	10,952	11,084	11,197	11,225	11,429	11,189	11,224	11,308	11,381	11,286	11,320
1974	11,237	11,343	11,326	11,432	11,365	11,505	11,451	11,661	11,587	11,701	11,555	11,669
1975	11,765	11,800	11,769	11,627	11,646	11,691	11,772	11,734	11,826	11,929	11,995	12,031
1976	12,082	12,055	12,011	12,101	12,177	12,114	12,314	12,395	12,317	12,184	12,202	12,113
1977	12,070	12,263	12,514	12,458	12,544	12,748	12,622	12,737	12,787	12,683	12,785	12,830
1978	12,929	12,932	12,852	13,002	13,080	13,082	13,067	13,139	13,080	13,179	13,238	13,187
1979	13,066	12,998	13,050	13,090	13,014	13,067	12,995	12,901	13,176	13,240	13,191	13,243
1980	13,268	13,281	13,193	13,220	13,198	13,221	13,271	13,225	13,262	13,190	13,159	13,277
1981	13,250	13,347	13,478	13,468	13,470	13,214	13,526	13,282	13,391	13,525	13,670	13,639

HOUSEHOLD DATA
SEASONALLY ADJUSTED

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
IN THOUSANDS												
EMPLOYED - PRIVATE HOUSEHOLD WORKERS												
1970.....	1,630	1,620	1,578	1,563	1,559	1,540	1,526	1,548	1,550	1,564	1,500	1,521
1971.....	1,574	1,525	1,531	1,436	1,466	1,459	1,455	1,372	1,384	1,376	1,395	1,367
1972.....	1,500	1,467	1,506	1,478	1,493	1,498	1,455	1,372	1,384	1,376	1,395	1,367
1973.....	1,362	1,356	1,343	1,360	1,345	1,338	1,384	1,337	1,374	1,376	1,352	1,376
1974.....	1,291	1,364	1,255	1,328	1,298	1,248	1,251	1,240	1,221	1,174	1,100	1,083
1975.....	1,191	1,187	1,215	1,183	1,220	1,261	1,151	1,207	1,139	1,182	1,122	1,128
1976.....	1,089	1,068	1,121	1,131	1,131	1,158	1,137	1,132	1,174	1,161	1,201	1,143
1977.....	1,187	1,161	1,130	1,142	1,125	1,173	1,196	1,194	1,178	1,174	1,196	1,220
1978.....	1,229	1,194	1,154	1,266	1,218	1,160	1,180	1,156	1,194	1,151	1,143	1,134
1979.....	1,116	1,139	1,104	1,048	1,069	1,092	1,082	1,125	1,205	1,129	1,098	1,099
1980.....	1,044	1,066	1,022	1,097	1,106	1,112	1,104	1,054	1,039	1,062	1,036	1,020
1981.....	1,057	1,068	1,091	1,034	1,030	1,031	1,036	1,040	973	1,015	1,068	1,120
EMPLOYED - OTHER SERVICE WORKERS												
1970.....	8,043	7,944	8,013	8,048	8,029	8,057	8,167	8,263	8,416	8,342	8,308	8,291
1971.....	9,142	9,156	9,087	9,075	9,238	9,138	9,248	9,225	9,282	9,315	9,357	9,357
1972.....	9,460	9,461	9,414	9,549	9,635	9,666	9,656	9,641	9,596	9,592	9,626	9,675
1973.....	9,575	9,596	9,741	9,837	9,880	10,091	9,805	9,887	9,934	10,005	9,934	9,944
1974.....	9,946	9,979	10,071	10,104	10,067	10,257	10,200	10,421	10,366	10,527	10,455	10,586
1975.....	10,574	10,613	10,554	10,444	10,426	10,430	10,621	10,527	10,687	10,747	10,873	10,903
1976.....	10,993	10,987	10,890	10,970	11,046	10,956	11,177	11,263	11,143	11,023	11,081	10,970
1977.....	10,883	11,102	11,384	11,316	11,419	11,575	11,426	11,543	11,609	11,509	11,589	11,610
1978.....	11,700	11,738	11,698	11,736	11,862	11,922	11,889	11,983	11,886	12,028	12,095	12,053
1979.....	11,950	11,859	11,946	12,042	11,945	11,975	11,913	11,776	11,971	12,111	12,093	12,144
1980.....	12,224	12,215	12,171	12,123	12,092	12,109	12,167	12,171	12,223	12,128	12,123	12,257
1981.....	12,193	12,279	12,387	12,434	12,440	12,183	12,490	12,242	12,418	12,510	12,602	12,519
EMPLOYED - FARM WORKERS												
1970.....	3,092	3,120	3,165	3,195	3,224	3,235	3,188	3,070	3,109	3,022	3,001	3,020
1971.....	3,012	2,942	2,960	3,173	3,046	2,993	3,022	3,020	2,964	3,029	2,985	2,972
1972.....	3,001	2,980	3,048	2,990	2,995	2,981	3,038	3,179	3,154	3,220	3,129	3,184
1973.....	3,041	3,049	3,041	2,979	2,958	3,093	3,115	2,995	2,896	3,016	3,110	3,140
1974.....	3,280	3,358	3,240	3,171	3,078	2,989	2,989	2,949	2,977	2,961	2,939	2,958
1975.....	2,964	2,909	2,902	2,850	3,090	2,960	3,017	2,969	3,043	2,963	2,863	2,818
1976.....	2,888	2,855	2,815	2,956	2,850	2,821	2,874	2,904	2,792	2,821	2,767	2,795
1977.....	2,688	2,745	2,718	2,830	2,918	2,839	2,763	2,765	2,688	2,769	2,828	2,800
1978.....	2,895	2,812	2,799	2,779	2,756	2,921	2,852	2,835	2,860	2,841	2,729	2,838
1979.....	2,798	2,780	2,803	2,686	2,655	2,740	2,722	2,750	2,730	2,717	2,748	2,739
1980.....	2,694	2,808	2,766	2,686	2,771	2,680	2,734	2,646	2,781	2,748	2,746	2,884
1981.....	2,786	2,728	2,730	2,826	2,748	2,710	2,727	2,753	2,743	2,770	2,802	2,660
EMPLOYED - FARMERS AND FARM MANAGERS												
1970.....	1,754	1,781	1,798	1,791	1,813	1,813	1,758	1,708	1,719	1,696	1,725	1,663
1971.....	1,666	1,647	1,663	1,685	1,675	1,657	1,692	1,675	1,640	1,667	1,659	1,664
1972.....	1,671	1,657	1,647	1,622	1,644	1,655	1,657	1,714	1,751	1,793	1,721	1,738
1973.....	1,709	1,682	1,686	1,675	1,660	1,696	1,650	1,635	1,603	1,634	1,672	1,698
1974.....	1,775	1,781	1,711	1,675	1,628	1,602	1,623	1,623	1,616	1,603	1,528	1,609
1975.....	1,578	1,639	1,625	1,618	1,642	1,602	1,594	1,562	1,620	1,583	1,558	1,542
1976.....	1,561	1,522	1,499	1,544	1,540	1,541	1,557	1,543	1,460	1,505	1,493	1,444
1977.....	1,430	1,449	1,463	1,477	1,530	1,494	1,455	1,469	1,419	1,442	1,474	1,470
1978.....	1,537	1,464	1,450	1,456	1,465	1,557	1,504	1,478	1,478	1,489	1,461	1,493
1979.....	1,480	1,462	1,469	1,442	1,377	1,437	1,449	1,471	1,469	1,467	1,470	1,454
1980.....	1,422	1,515	1,493	1,486	1,488	1,443	1,501	1,485	1,524	1,515	1,493	1,553
1981.....	1,496	1,497	1,493	1,490	1,499	1,471	1,457	1,489	1,493	1,477	1,493	1,470
EMPLOYED - FARM LABORERS AND SUPERVISORS												
1970.....	1,338	1,339	1,367	1,404	1,411	1,422	1,430	1,362	1,390	1,326	1,276	1,357
1971.....	1,346	1,295	1,297	1,488	1,371	1,336	1,330	1,345	1,324	1,362	1,326	1,308
1972.....	1,330	1,323	1,401	1,368	1,351	1,326	1,381	1,465	1,403	1,427	1,408	1,446
1973.....	1,332	1,367	1,355	1,304	1,298	1,397	1,465	1,360	1,293	1,382	1,438	1,442
1974.....	1,505	1,577	1,529	1,496	1,450	1,387	1,366	1,326	1,361	1,358	1,411	1,389
1975.....	1,386	1,270	1,277	1,236	1,448	1,358	1,423	1,407	1,423	1,380	1,305	1,276
1976.....	1,327	1,333	1,316	1,412	1,310	1,280	1,317	1,361	1,332	1,316	1,274	1,351
1977.....	1,258	1,296	1,255	1,353	1,388	1,345	1,308	1,296	1,269	1,327	1,354	1,330
1978.....	1,358	1,348	1,349	1,323	1,291	1,364	1,348	1,357	1,382	1,352	1,268	1,345
1979.....	1,318	1,318	1,334	1,244	1,278	1,303	1,273	1,279	1,261	1,250	1,278	1,285
1980.....	1,272	1,293	1,273	1,200	1,283	1,237	1,233	1,161	1,257	1,233	1,253	1,331
1981.....	1,290	1,231	1,237	1,336	1,249	1,239	1,270	1,264	1,250	1,293	1,309	1,190
EMPLOYED - WAGE AND SALARY WORKERS												
1970.....	70,691	70,747	70,785	70,954	70,490	70,412	70,631	70,645	70,514	70,702	70,527	70,578
1971.....	70,763	70,580	70,549	70,788	71,002	70,767	71,277	71,596	71,772	71,821	72,141	72,190
1972.....	72,691	72,878	73,347	73,488	73,685	74,152	74,113	74,370	74,519	74,507	74,933	75,247
1973.....	75,073	75,882	76,216	76,451	76,475	76,827	76,836	76,919	77,307	77,817	78,051	78,146
1974.....	78,304	78,375	78,563	78,207	78,512	78,627	78,618	78,717	78,732	78,702	78,364	77,907
1975.....	77,299	77,041	76,882	76,820	77,060	77,310	77,645	78,065	77,972	78,219	77,769	78,454
1976.....	79,005	79,352	79,844	80,157	80,457	80,472	80,874	81,050	80,977	81,138	81,260	81,608
1977.....	81,660	81,899	82,372	82,755	83,001	83,390	83,576	83,823	84,119	84,624	85,053	85,460
1978.....	85,601	85,654	85,819	86,431	86,979	87,453	87,154	87,716	87,919	88,437	88,631	88,633
1979.....	88,950	89,135	89,379	89,122	89,232	89,494	89,602	89,623	90,201	90,304	90,304	90,829
1980.....	90,682	90,488	90,301	89,897	89,718	89,546	89,501	89,621	89,758	89,910	90,121	90,141
1981.....	90,510	90,493	90,983	91,473	91,901	90,945	91,466	91,496	90,837	90,962	90,674	90,343

IN THOUSANDS

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
EMPLOYED - WAGE AND SALARY WORKERS IN AGRICULTURAL INDUSTRIES												
1970	1,089	1,086	1,129	1,228	1,145	1,167	1,171	1,169	1,192	1,136	1,130	1,169
1971	1,158	1,084	1,178	1,307	1,206	1,167	1,150	1,131	1,148	1,177	1,168	1,189
1972	1,149	1,160	1,191	1,211	1,178	1,224	1,250	1,290	1,232	1,246	1,249	1,284
1973	1,234	1,241	1,228	1,238	1,237	1,282	1,294	1,228	1,209	1,273	1,358	1,392
1974	1,444	1,466	1,453	1,330	1,368	1,305	1,301	1,332	1,369	1,374	1,420	1,302
1975	1,302	1,236	1,233	1,190	1,318	1,298	1,378	1,358	1,350	1,311	1,301	1,271
1976	1,335	1,387	1,362	1,379	1,314	1,319	1,351	1,361	1,329	1,328	1,304	1,400
1977	1,294	1,333	1,321	1,341	1,343	1,377	1,333	1,358	1,370	1,425	1,436	1,389
1978	1,483	1,394	1,421	1,457	1,451	1,468	1,436	1,479	1,480	1,470	1,426	1,475
1979	1,418	1,465	1,443	1,421	1,452	1,472	1,466	1,430	1,434	1,428	1,498	1,481
1980	1,460	1,463	1,480	1,417	1,432	1,421	1,398	1,314	1,456	1,395	1,450	1,465
1981	1,505	1,389	1,391	1,560	1,499	1,437	1,495	1,501	1,461	1,502	1,436	1,352
EMPLOYED - SELF-EMPLOYED WORKERS IN AGRICULTURAL INDUSTRIES												
1970	1,823	1,857	1,874	1,860	1,873	1,859	1,803	1,760	1,760	1,736	1,790	1,719
1971	1,749	1,733	1,747	1,761	1,768	1,719	1,768	1,760	1,728	1,752	1,758	1,736
1972	1,725	1,723	1,723	1,708	1,735	1,764	1,778	1,846	1,892	1,911	1,829	1,852
1973	1,798	1,779	1,782	1,787	1,759	1,795	1,776	1,749	1,739	1,761	1,803	1,826
1974	1,885	1,920	1,843	1,784	1,753	1,723	1,741	1,723	1,716	1,698	1,623	1,700
1975	1,701	1,781	1,757	1,751	1,758	1,731	1,706	1,681	1,751	1,685	1,678	1,678
1976	1,678	1,643	1,625	1,669	1,676	1,672	1,681	1,679	1,597	1,649	1,615	1,539
1977	1,527	1,556	1,568	1,590	1,668	1,601	1,556	1,574	1,583	1,552	1,598	1,601
1978	1,641	1,609	1,568	1,588	1,597	1,697	1,659	1,603	1,609	1,635	1,573	1,619
1979	1,593	1,567	1,615	1,576	1,513	1,563	1,573	1,618	1,622	1,610	1,646	1,609
1980	1,591	1,658	1,634	1,616	1,652	1,615	1,652	1,650	1,680	1,651	1,619	1,674
1981	1,650	1,637	1,638	1,661	1,654	1,664	1,593	1,638	1,643	1,631	1,641	1,602
EMPLOYED - UNPAID-FAMILY WORKERS IN AGRICULTURAL INDUSTRIES												
1970	496	498	489	509	511	535	529	470	492	474	468	479
1971	474	462	424	525	462	457	468	486	496	485	501	509
1972	501	497	514	468	478	439	428	469	451	488	454	451
1973	420	409	466	378	371	451	463	432	399	403	436	420
1974	408	449	434	455	390	386	381	368	373	361	359	372
1975	385	371	374	363	447	373	390	395	406	407	355	309
1976	340	325	302	382	347	334	328	357	345	346	342	336
1977	353	351	320	388	383	370	353	322	275	302	362	339
1978	341	313	358	306	261	335	345	325	301	316	280	308
1979	297	335	297	295	287	302	300	321	320	300	293	304
1980	296	278	283	283	296	282	306	285	311	323	315	302
1981	284	306	299	286	235	263	244	256	256	261	321	228
EMPLOYED - PRIVATE WAGE AND SALARY WORKERS IN NONAGRICULTURAL INDUSTRIES												
1970	57,262	57,392	57,317	57,294	56,981	56,861	57,110	57,042	56,868	56,884	56,826	56,854
1971	57,045	56,984	56,827	56,940	57,082	56,943	57,198	57,437	57,577	57,703	57,992	57,921
1972	58,316	58,471	58,877	58,967	59,188	59,550	59,518	59,644	59,640	59,755	60,128	60,467
1973	60,403	61,037	61,433	61,642	61,619	61,925	61,959	62,086	62,345	62,672	62,830	62,955
1974	63,116	62,997	63,029	62,761	62,975	63,116	63,082	63,271	63,238	63,143	62,724	62,216
1975	61,528	61,297	61,144	60,998	61,147	61,314	61,399	61,827	61,969	62,277	61,684	62,301
1976	62,742	62,949	63,314	63,776	64,091	64,026	64,366	64,284	64,357	64,712	64,780	65,094
1977	65,146	65,422	65,852	66,235	66,372	66,781	66,862	67,014	67,294	67,595	68,0[illegible]	68,477
1978	68,620	68,764	68,939	69,451	70,111	70,507	70,307	70,650	70,856	71,392	71,579	71,557
1979	72,009	72,088	72,434	72,135	71,968	72,525	72,508	72,561	73,024	73,114	73,125	73,641
1980	73,510	73,202	72,972	72,601	72,301	72,055	72,087	72,399	72,380	72,590	72,700	72,755
1981	73,017	73,229	73,662	74,028	74,626	73,801	74,334	74,469	73,901	73,969	73,841	73,406
EMPLOYED - SELF-EMPLOYED WORKERS IN NONAGRICULTURAL INDUSTRIES												
1970	5,286	5,139	5,213	5,103	5,163	5,119	5,199	5,276	5,289	5,280	5,337	5,260
1971	5,298	5,382	5,288	5,328	5,353	5,323	5,235	5,248	5,284	5,382	5,374	5,446
1972	5,501	5,531	5,408	5,371	5,360	5,261	5,362	5,396	5,289	5,293	5,279	5,341
1973	5,392	5,354	5,506	5,429	5,481	5,499	5,480	5,461	5,546	5,533	5,470	5,534
1974	5,507	5,573	5,486	5,685	5,721	5,785	5,792	5,780	5,749	5,832	5,749	5,703
1975	5,657	5,511	5,640	5,714	5,611	5,694	5,730	5,712	5,712	5,688	6,056	5,745
1976	5,771	5,762	5,701	5,684	5,814	5,751	5,751	5,762	5,834	5,787	5,898	5,887
1977	5,925	5,918	5,977	6,025	6,113	6,142	6,037	6,273	6,233	6,224	6,218	6,289
1978	6,339	6,321	6,474	6,546	6,413	6,376	6,377	6,380	6,367	6,418	6,513	6,628
1979	6,645	6,681	6,668	6,572	6,806	6,797	6,952	6,837	6,835	6,902	6,909	6,874
1980	6,929	6,991	6,974	6,931	6,883	6,857	6,975	7,033	7,102	7,120	7,069	7,133
1981	7,028	7,080	7,065	7,150	6,966	7,128	7,071	7,103	7,217	7,152	7,141	7,057
EMPLOYED - UNPAID-FAMILY WORKERS IN NONAGRICULTURAL INDUSTRIES												
1970	502	482	469	468	467	483	503	510	518	526	567	538
1971	551	538	531	51[illegible]	497	522	538	490	504	524	532	552
1972	541	532	561	55[illegible]	576	518	474	521	493	486	477	498
1973	484	533	507	469	531	638	591	578	571	556	530	485
1974	468	476	518	498	477	492	485	423	545	493	484	509
1975	530	487	479	472	490	409	426	478	490	492	552	510
1976	518	482	451	467	443	455	442	464	438	472	461	486
1977	430	515	539	501	520	518	510	497	506	476	488	466
1978	461	493	517	510	501	465	470	460	468	461	463	475
1979	489	468	472	485	470	479	502	460	447	430	419	417
1980	393	412	402	384	424	451	424	411	421	420	406	402
1981	421	384	374	325	356	376	389	387	399	451	425	410

HOUSEHOLD DATA
SEASONALLY ADJUSTED

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
IN THOUSANDS												
EMPLOYED - PERSONS AT WORK IN NONAGRICULTURAL INDUSTRIES												
1970.....	71,047	70,699	70,924	71,191	70,622	70,533	71,240	70,449	69,876	70,703	70,651	70,869
1971.....	71,150	71,016	70,727	70,114	71,391	71,395	70,898	70,926	71,812	71,982	72,426	72,561
1972.....	73,077	73,112	73,579	73,987	74,048	73,793	73,985	74,359	74,459	74,389	74,742	74,971
1973.....	74,219	75,675	76,063	76,670	76,589	76,756	77,099	77,117	77,327	77,700	77,727	78,072
1974.....	77,782	78,080	78,100	76,749	78,358	78,530	78,532	78,504	78,522	78,386	78,111	77,426
1975.....	77,538	76,943	76,809	77,605	76,845	77,214	76,029	77,365	77,691	77,917	78,105	78,400
1976.....	79,524	79,428	79,324	78,960	80,020	80,532	80,161	80,097	80,959	80,872	81,209	81,467
1977.....	81,157	82,084	82,480	82,663	83,024	82,994	83,589	83,830	84,168	84,321	84,896	85,011
1978.....	84,883	85,423	85,749	87,776	87,118	87,519	87,382	87,731	87,885	88,240	88,377	88,678
1979.....	88,924	89,034	89,377	88,579	89,692	89,534	90,450	90,619	90,606	90,437	90,348	91,063
1980.....	90,924	90,627	90,282	89,924	89,782	89,878	89,160	90,039	90,251	90,411	90,651	90,597
1981.....	91,322	91,287	91,405	91,094	91,745	91,500	92,532	91,569	90,878	91,384	91,323	90,922
EMPLOYED - NONAGRICULTURAL WORKERS ON FULL-TIME SCHEDULES												
1970.....	59,639	59,403	59,442	59,293	58,984	58,950	59,459	58,707	58,814	58,948	58,955	59,039
1971.....	59,082	59,172	58,748	58,636	59,546	59,305	58,972	58,954	59,770	59,789	60,131	60,428
1972.....	60,667	60,761	61,215	61,516	61,586	61,578	61,628	61,709	61,927	62,131	62,421	62,668
1973.....	62,475	63,291	63,588	64,058	63,961	64,119	64,694	64,386	64,283	64,538	64,595	64,665
1974.....	64,658	64,784	64,950	64,260	65,078	65,256	65,062	65,154	65,095	64,836	64,267	63,493
1975.....	63,185	62,776	62,677	63,029	62,631	62,638	61,631	63,108	63,726	63,819	64,042	64,510
1976.....	65,094	65,253	65,322	64,955	65,714	65,807	65,950	65,663	66,113	66,199	66,549	66,818
1977.....	66,722	67,142	67,553	67,773	68,210	68,257	68,656	68,863	69,068	69,126	69,602	69,807
1978.....	69,954	70,306	70,583	71,879	71,462	72,149	72,142	72,499	72,349	72,689	72,821	73,231
1979.....	73,388	73,412	73,783	73,137	74,054	73,869	74,494	74,675	74,682	74,691	74,403	74,660
1980.....	74,510	74,436	74,151	73,491	72,958	73,031	72,220	73,103	73,558	73,739	73,901	73,973
1981.....	74,387	74,482	74,453	74,259	74,871	74,693	75,620	74,467	73,794	73,886	73,915	73,360
EMPLOYED - NONAGRICULTURAL WORKERS ON PART-TIME SCHEDULES FOR ECONOMIC REASONS												
1970.....	1,980	1,888	1,965	2,310	2,228	2,155	2,279	2,214	2,123	2,377	2,373	2,544
1971.....	2,543	2,510	2,501	2,474	2,482	2,227	2,421	2,443	2,355	2,500	2,583	2,418
1972.....	2,487	2,340	2,433	2,520	2,387	2,580	2,514	2,548	2,424	2,316	2,253	2,192
1973.....	2,043	2,182	2,172	2,150	2,216	2,543	2,490	2,444	2,424	2,424	2,437	2,571
1974.....	2,525	2,673	2,472	2,377	2,667	2,577	2,610	2,745	2,917	2,975	3,229	3,347
1975.....	3,716	3,655	3,789	3,827	3,714	3,514	3,442	3,400	3,348	3,376	3,333	3,305
1976.....	3,424	3,288	3,247	3,266	3,329	3,170	3,220	3,259	3,421	3,473	3,541	3,467
1977.....	3,391	3,547	3,372	3,234	3,326	3,375	3,480	3,318	3,379	3,324	3,350	3,303
1978.....	3,144	3,316	3,289	3,374	3,300	3,423	3,349	3,361	3,334	3,269	3,234	3,146
1979.....	3,272	3,285	3,312	3,389	3,359	3,410	3,370	3,423	3,268	3,341	3,472	3,566
1980.....	3,567	3,539	3,531	3,943	4,397	4,172	4,243	4,315	4,236	4,222	4,191	
1981.....	4,451	4,227	4,290	4,200	4,264	4,033	4,374	4,350	4,656	5,009	5,026	5,288
EMPLOYED - NONAGRICULTURAL WORKERS ON PART-TIME SCHEDULES FOR ECONOMIC REASONS - USUALLY WORK FULL TIME												
1970.....	1,067	1,084	1,098	1,343	1,243	1,176	1,251	1,260	1,010	1,323	1,222	1,380
1971.....	1,374	1,254	1,261	1,277	1,214	1,035	1,148	1,149	1,113	1,155	1,224	1,101
1972.....	1,154	1,120	1,149	1,105	1,092	1,089	1,096	1,098	1,127	1,062	1,029	968
1973.....	896	982	953	987	1,032	1,124	1,210	1,235	1,173	1,142	1,171	1,197
1974.....	1,196	1,298	1,245	1,076	1,232	1,241	1,218	1,265	1,356	1,404	1,624	1,821
1975.....	1,986	1,955	1,886	1,858	1,713	1,575	1,569	1,487	1,438	1,475	1,418	1,362
1976.....	1,634	1,355	1,282	1,365	1,432	1,296	1,296	1,352	1,385	1,365	1,293	1,274
1977.....	1,212	1,433	1,277	1,228	1,308	1,285	1,405	1,200	1,264	1,294	1,270	1,288
1978.....	1,161	1,232	1,287	1,278	1,247	1,361	1,323	1,357	1,351	1,245	1,332	1,248
1979.....	1,273	1,302	1,292	1,324	1,280	1,354	1,347	1,477	1,344	1,393	1,488	1,535
1980.....	1,561	1,445	1,505	1,751	2,033	1,828	1,865	1,794	1,788	1,693	1,663	1,635
1981.....	1,688	1,650	1,660	1,593	1,657	1,465	1,680	1,729	1,759	2,006	1,945	2,121
EMPLOYED - NONAGRICULTURAL WORKERS ON PART-TIME SCHEDULES FOR ECONOMIC REASONS - USUALLY WORK PART TIME												
1970.....	913	804	867	967	985	979	1,028	954	1,093	1,054	1,151	1,164
1971.....	1,169	1,256	1,240	1,197	1,268	1,192	1,273	1,294	1,242	1,345	1,359	1,317
1972.....	1,333	1,220	1,284	1,415	1,295	1,491	1,418	1,450	1,297	1,254	1,224	1,224
1973.....	1,147	1,200	1,219	1,163	1,184	1,419	1,280	1,209	1,251	1,282	1,266	1,374
1974.....	1,329	1,375	1,227	1,301	1,435	1,336	1,392	1,480	1,561	1,571	1,605	1,526
1975.....	1,730	1,700	1,903	1,969	2,001	1,939	1,873	1,913	1,910	1,901	1,915	1,943
1976.....	1,990	1,933	1,965	1,901	1,897	1,874	1,924	1,907	2,036	2,108	2,248	2,193
1977.....	2,179	2,114	2,095	2,006	2,018	2,090	2,075	2,118	2,115	2,030	2,080	2,015
1978.....	1,983	2,084	2,002	2,096	2,053	2,062	2,026	2,004	1,983	2,024	1,902	1,898
1979.....	1,999	1,983	2,020	2,065	2,079	2,056	2,023	1,946	1,924	1,948	1,984	2,031
1980.....	2,006	2,094	2,026	2,192	2,364	2,344	2,378	2,521	2,524	2,543	2,559	2,556
1981.....	2,763	2,577	2,630	2,607	2,607	2,568	2,694	2,621	2,897	3,003	3,081	3,167
EMPLOYED - NONAGRICULTURAL WORKERS ON PART-TIME SCHEDULES FOR NONECONOMIC REASONS - USUALLY WORK PART TIME												
1970.....	9,428	9,408	9,517	9,588	9,410	9,428	9,502	9,528	8,939	9,378	9,323	9,286
1971.....	9,525	9,334	9,478	9,004	9,363	9,863	9,505	9,529	9,687	9,693	9,712	9,715
1972.....	9,923	10,011	9,931	9,949	10,075	9,635	9,843	10,102	10,108	9,942	10,068	10,111
1973.....	9,701	10,202	10,303	10,462	10,412	10,094	9,915	10,287	10,620	10,738	10,695	10,836
1974.....	10,559	10,623	10,678	10,112	10,613	10,697	10,840	10,605	10,510	10,575	10,615	10,586
1975.....	10,637	10,512	10,543	10,749	10,500	11,062	10,956	10,857	10,617	10,722	10,730	10,585
1976.....	11,006	10,887	10,755	10,739	10,977	11,555	10,991	11,175	11,425	11,200	11,119	11,182
1977.....	11,044	11,395	11,555	11,656	11,488	11,362	11,453	11,649	11,721	11,871	11,944	11,901
1978.....	11,785	11,801	11,877	12,523	12,356	11,947	11,891	11,871	12,202	12,282	12,322	12,301
1979.....	12,269	12,337	12,282	12,053	12,279	12,255	12,586	12,521	12,656	12,405	12,473	12,837
1980.....	12,847	12,652	12,600	12,490	12,427	12,675	12,697	12,621	12,381	12,436	12,528	12,433
1981.....	12,484	12,578	12,662	12,635	12,610	12,774	12,538	12,752	12,428	12,489	12,382	12,274

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
EMPLOYMENT-POPULATION RATIO - ALL CIVILIAN WORKERS												
1970	56.6	56.5	56.5	56.5	56.2	56.0	56.1	55.9	55.7	55.8	55.7	55.5
1971	55.6	55.4	55.3	55.4	55.5	55.1	55.4	55.5	55.5	55.6	55.7	55.8
1972	55.7	55.7	56.0	55.9	56.0	56.1	56.1	56.2	56.1	56.0	56.2	56.4
1973	56.1	56.6	56.8	56.8	56.8	57.1	57.0	56.9	57.0	57.2	57.4	57.3
1974	57.3	57.4	57.3	57.1	57.2	57.1	57.2	57.0	56.9	56.8	56.4	56.0
1975	55.6	55.3	55.2	55.1	55.2	55.0	55.2	55.4	55.3	55.3	55.2	55.3
1976	55.7	55.8	55.9	56.1	56.2	56.0	56.2	56.2	56.1	56.1	56.2	56.3
1977	56.3	56.4	56.7	56.9	57.1	57.1	57.1	57.2	57.3	57.4	57.8	57.9
1978	58.0	58.0	58.1	58.4	58.5	58.8	58.5	58.7	58.7	58.9	59.0	59.0
1979	59.1	59.3	59.2	59.0	59.0	59.2	59.3	59.1	59.4	59.2	59.2	59.4
1980	59.2	59.2	58.9	58.5	58.4	58.2	58.2	58.1	58.2	58.2	58.3	58.3
1981	58.3	58.4	58.5	58.7	58.8	58.3	58.5	58.4	58.0	58.0	57.9	57.5
EMPLOYMENT-POPULATION RATIO - MALES 20 YEARS AND OVER												
1970	76.7	76.6	76.6	76.5	76.4	76.1	75.9	75.8	75.7	75.6	75.5	75.3
1971	75.3	75.1	75.1	75.4	75.5	75.3	75.4	75.4	75.3	75.3	75.3	75.3
1972	75.3	75.4	75.7	75.7	75.7	75.9	75.9	75.9	75.9	75.7	75.9	76.1
1973	75.9	76.1	76.4	76.2	76.1	76.2	76.5	76.2	76.1	76.4	76.5	76.5
1974	76.7	76.5	76.3	76.0	76.1	75.9	75.6	75.6	75.5	75.3	75.0	74.3
1975	73.7	73.3	73.0	72.8	72.8	72.6	72.9	73.0	72.7	72.7	72.6	72.6
1976	72.9	73.0	73.1	73.4	73.4	73.0	73.2	73.4	73.3	73.3	73.2	73.1
1977	73.2	73.2	73.4	73.5	73.5	73.7	73.7	73.8	73.8	74.0	74.2	74.4
1978	74.3	74.3	74.3	74.5	74.6	74.8	74.6	74.5	74.5	74.5	74.9	74.8
1979	75.0	75.1	74.8	74.7	74.7	74.8	74.8	74.6	74.7	74.5	74.3	74.3
1980	74.1	74.2	73.7	73.1	72.9	72.5	72.4	72.4	72.4	72.5	72.6	72.6
1981	72.6	72.5	72.7	72.9	72.9	72.4	72.6	72.4	72.2	71.8	71.5	71.1
EMPLOYMENT-POPULATION RATIO - FEMALES 20 YEARS AND OVER												
1970	41.5	41.3	41.4	41.6	41.0	41.2	41.4	41.2	40.8	41.1	41.0	41.0
1971	41.1	40.8	40.7	40.6	40.7	40.5	40.5	40.6	40.9	41.0	41.2	41.3
1972	41.2	41.2	41.3	41.2	41.2	41.2	41.2	41.3	41.3	41.3	41.4	41.5
1973	41.3	41.8	41.9	42.1	42.2	42.3	42.3	42.2	42.4	42.5	42.7	42.6
1974	42.8	42.7	42.8	42.8	42.8	42.9	43.3	43.0	42.8	42.7	42.4	42.4
1975	42.2	41.9	42.0	42.1	42.1	42.2	42.3	42.5	42.5	42.6	42.5	42.6
1976	43.0	43.1	43.2	43.3	43.5	43.6	43.6	43.7	43.5	43.5	43.9	44.1
1977	43.9	44.0	44.3	44.5	44.9	44.6	44.6	44.6	45.1	45.0	45.4	45.5
1978	45.8	45.9	46.1	46.3	46.3	46.5	46.4	46.5	46.9	47.1	47.1	47.2
1979	47.1	47.3	47.5	47.2	47.4	47.4	47.7	47.8	47.9	47.9	48.0	48.2
1980	48.2	48.2	48.1	48.0	47.9	47.9	47.9	48.0	48.0	47.9	48.0	47.9
1981	48.2	48.3	48.5	48.6	48.8	48.7	48.7	48.7	48.1	48.5	48.5	48.3
EMPLOYMENT-POPULATION RATIO - BOTH SEXES 16-19 YEARS												
1970	42.3	42.3	42.4	41.4	41.5	40.0	41.0	40.9	41.2	40.7	40.4	40.3
1971	40.6	40.8	40.0	40.7	40.3	38.2	40.6	41.0	40.2	40.4	41.0	41.2
1972	41.6	41.3	42.1	42.3	42.7	42.7	42.6	43.3	42.3	42.8	43.1	43.4
1973	42.8	43.7	44.8	44.3	44.1	45.8	44.6	44.7	45.2	45.8	45.8	45.9
1974	46.0	45.9	45.7	45.1	44.9	45.2	44.6	44.7	45.1	44.9	44.2	43.5
1975	43.1	42.5	42.3	41.9	42.5	41.6	41.9	41.8	42.6	42.0	42.2	42.2
1976	42.6	42.9	43.1	43.4	43.9	42.9	44.3	43.3	42.9	43.2	43.0	42.9
1977	43.0	44.1	44.2	44.7	44.7	45.4	45.4	46.3	44.9	45.9	46.4	46.6
1978	46.4	45.9	45.9	46.6	47.7	48.5	47.8	48.9	47.7	48.0	47.8	47.6
1979	48.1	48.2	48.2	47.5	47.3	48.1	47.9	46.4	47.5	47.2	47.7	48.0
1980	47.3	46.8	46.9	45.9	45.7	45.5	45.6	44.3	45.5	45.3	45.0	45.3
1981	45.0	44.8	44.6	45.3	44.8	42.8	43.5	43.8	43.5	42.9	42.4	41.6
EMPLOYMENT-POPULATION RATIO - WHITE WORKERS												
1970	56.6	56.5	56.6	56.5	56.2	56.0	56.1	56.0	55.9	55.9	55.8	55.7
1971	55.8	55.6	55.4	55.6	55.7	55.3	55.6	55.7	55.7	55.8	56.0	56.1
1972	56.2	56.1	56.3	56.3	56.3	56.4	56.4	56.6	56.5	56.5	56.6	56.7
1973	56.5	56.9	57.2	57.2	57.2	57.5	57.4	57.2	57.4	57.6	57.7	57.6
1974	57.6	57.8	57.8	57.6	57.6	57.6	57.7	57.5	57.4	57.3	57.0	56.7
1975	56.2	56.0	55.9	55.8	55.8	55.7	55.9	56.0	56.0	56.0	55.9	56.0
1976	56.3	56.5	56.5	56.7	56.9	56.8	57.0	56.9	56.8	56.9	56.9	57.0
1977	57.0	57.2	57.4	57.6	57.9	57.9	57.9	58.0	58.1	58.3	58.6	58.6
1978	58.7	58.7	58.7	59.1	59.2	59.5	59.3	59.4	59.4	59.6	59.7	59.8
1979	59.9	60.1	60.0	59.8	59.8	59.9	60.0	59.8	60.0	59.9	60.0	60.2
1980	60.1	60.1	59.8	59.5	59.3	59.1	59.0	58.9	59.1	59.1	59.2	59.2
1981	59.3	59.4	59.5	59.7	59.8	59.4	59.6	59.6	59.1	59.1	58.9	58.5
EMPLOYMENT-POPULATION RATIO - BLACK AND OTHER WORKERS												
1970	57.2	56.2	56.3	55.9	56.1	55.7	55.5	55.2	55.0	54.5	54.5	54.2
1971	54.1	54.0	54.2	53.8	53.9	53.2	53.9	53.8	54.0	53.9	53.9	52.9
1972	52.4	52.8	53.1	53.1	53.3	53.7	53.1	53.3	53.0	53.0	53.4	53.6
1973	53.1	54.0	54.2	53.8	53.5	53.5	54.1	54.1	54.1	54.6	54.4	54.6
1974	54.5	54.1	53.8	53.6	53.6	53.6	53.1	53.4	53.4	52.9	52.0	51.3
1975	50.8	50.6	50.1	50.0	50.2	50.3	50.4	50.5	50.6	50.6	50.5	50.3
1976	50.6	50.5	51.2	51.3	51.3	50.6	51.0	51.1	51.1	50.9	51.5	51.1
1977	51.1	51.1	51.2	51.4	51.2	51.7	51.2	51.2	51.5	51.5	51.9	52.9
1978	52.6	53.1	53.2	53.4	53.5	53.9	53.5	54.0	54.3	54.3	54.1	54.0
1979	53.6	53.6	54.2	53.6	53.6	54.1	54.3	54.2	54.5	54.5	54.1	53.9
1980	53.2	53.1	52.6	52.2	52.2	52.1	52.4	52.5	52.3	52.3	52.3	52.0
1981	52.1	51.7	51.9	52.3	52.0	51.2	51.3	51.1	51.1	51.0	51.0	50.7

HOUSEHOLD DATA
SEASONALLY ADJUSTED

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
IN THOUSANDS												
UNEMPLOYED - ALL CIVILIAN WORKERS												
1970.....	3,201	3,453	3,635	3,797	3,919	4,071	4,175	4,256	4,456	4,591	4,898	5,076
1971.....	4,986	4,903	4,987	4,959	4,996	4,949	5,035	5,134	5,042	4,954	5,161	5,154
1972.....	5,019	4,928	5,038	4,959	4,922	4,923	4,913	4,939	4,849	4,875	4,602	4,543
1973.....	4,326	4,452	4,394	4,459	4,329	4,363	4,305	4,305	4,350	4,144	4,396	4,489
1974.....	4,644	4,731	4,634	4,618	4,705	4,927	5,063	5,022	5,437	5,523	6,140	6,636
1975.....	7,501	7,520	7,978	8,210	8,433	8,220	8,127	7,928	7,923	7,897	7,794	7,744
1976.....	7,534	7,326	7,230	7,330	7,053	7,322	7,490	7,518	7,380	7,430	7,620	7,545
1977.....	7,280	7,443	7,307	7,059	6,911	7,134	6,829	6,925	6,751	6,763	6,815	6,386
1978.....	6,488	6,304	6,340	6,188	6,161	5,995	6,314	6,077	6,121	5,947	6,074	6,250
1979.....	6,106	6,148	6,108	6,076	5,913	5,913	5,985	6,298	6,173	6,293	6,255	6,409
1980.....	6,660	6,635	6,714	7,370	8,059	8,024	8,330	8,239	8,024	8,109	8,066	7,899
1981.....	8,022	7,965	7,958	7,899	8,248	8,004	7,824	7,978	8,236	8,669	9,100	9,571
UNEMPLOYED - MALES												
1970.....	1,866	1,846	1,890	2,065	2,126	2,294	2,336	2,370	2,483	2,558	2,680	2,884
1971.....	2,795	2,731	2,723	2,712	2,782	2,769	2,802	2,870	2,807	2,744	2,861	2,904
1972.....	2,807	2,829	2,811	2,727	2,701	2,636	2,574	2,628	2,587	2,587	2,494	2,443
1973.....	2,267	2,337	2,329	2,355	2,341	2,250	2,207	2,214	2,207	2,142	2,265	2,310
1974.....	2,434	2,511	2,433	2,479	2,447	2,575	2,586	2,662	2,821	2,940	3,236	3,602
1975.....	4,375	4,160	4,427	4,621	4,745	4,690	4,638	4,453	4,521	4,429	4,395	4,269
1976.....	4,142	3,961	3,931	4,011	3,928	4,048	4,050	3,969	3,992	4,027	4,197	4,161
1977.....	3,920	4,034	3,847	3,689	3,729	3,715	3,567	3,615	3,409	3,521	3,436	3,280
1978.....	3,337	3,323	3,320	3,166	3,098	2,911	3,040	3,007	3,037	3,069	3,039	3,210
1979.....	3,118	3,114	3,105	3,079	2,967	2,910	3,068	3,149	3,178	3,215	3,262	3,307
1980.....	3,538	3,483	3,612	4,098	4,606	4,608	4,774	4,708	4,698	4,607	4,564	4,384
1981.....	4,456	4,419	4,375	4,300	4,571	4,415	4,171	4,385	4,506	4,798	5,133	5,578
UNEMPLOYED - FEMALES												
1970.....	1,535	1,607	1,745	1,732	1,793	1,777	1,839	1,886	1,973	2,033	2,218	2,192
1971.....	2,191	2,172	2,264	2,247	2,214	2,180	2,233	2,264	2,235	2,210	2,300	2,250
1972.....	2,212	2,099	2,227	2,232	2,221	2,287	2,339	2,311	2,262	2,288	2,108	2,100
1973.....	2,059	2,115	2,065	2,104	1,988	2,113	2,098	2,091	2,143	2,002	2,131	2,179
1974.....	2,210	2,220	2,201	2,139	2,258	2,352	2,477	2,360	2,616	2,583	2,904	3,034
1975.....	3,426	3,360	3,551	3,589	3,688	3,530	3,489	3,475	3,402	3,468	3,399	3,475
1976.....	3,392	3,365	3,299	3,319	3,125	3,274	3,440	3,549	3,388	3,403	3,423	3,384
1977.....	3,360	3,409	3,460	3,370	3,182	3,419	3,262	3,310	3,342	3,242	3,379	3,106
1978.....	3,151	2,981	3,020	3,022	3,067	3,084	3,274	3,070	3,084	2,878	3,035	3,040
1979.....	2,988	3,034	3,003	2,997	2,946	3,003	2,917	3,149	2,995	3,078	2,993	3,102
1980.....	3,122	3,152	3,102	3,272	3,453	3,416	3,556	3,531	3,326	3,502	3,502	3,515
1981.....	3,566	3,546	3,583	3,599	3,677	3,589	3,653	3,593	3,730	3,871	3,967	3,993
UNEMPLOYED - BOTH SEXES 16-19 YEARS												
1970.....	967	959	969	1,060	1,022	1,157	1,060	1,137	1,191	1,228	1,279	1,259
1971.....	1,249	1,205	1,245	1,210	1,241	1,265	1,346	1,280	1,243	1,275	1,294	1,302
1972.....	1,324	1,429	1,379	1,321	1,218	1,276	1,251	1,357	1,314	1,276	1,288	1,289
1973.....	1,086	1,267	1,201	1,309	1,255	1,194	1,207	1,184	1,268	1,261	1,318	1,288
1974.....	1,291	1,322	1,318	1,243	1,351	1,457	1,497	1,301	1,541	1,548	1,594	1,614
1975.....	1,745	1,711	1,760	1,747	1,823	1,840	1,837	1,832	1,738	1,751	1,673	1,760
1976.....	1,754	1,710	1,700	1,783	1,701	1,657	1,681	1,799	1,670	1,716	1,735	1,721
1977.....	1,707	1,691	1,726	1,673	1,656	1,788	1,639	1,663	1,681	1,622	1,642	1,461
1978.....	1,579	1,624	1,635	1,591	1,560	1,470	1,623	1,558	1,588	1,567	1,574	1,622
1979.....	1,567	1,565	1,546	1,587	1,557	1,479	1,505	1,568	1,596	1,579	1,522	1,588
1980.....	1,568	1,570	1,537	1,516	1,789	1,727	1,819	1,757	1,680	1,718	1,704	1,640
1981.....	1,757	1,769	1,761	1,766	1,782	1,683	1,654	1,694	1,749	1,801	1,886	1,853
UNEMPLOYED - MALES 16-19 YEARS												
1970.....	478	512	508	571	573	670	601	615	653	668	657	692
1971.....	695	662	668	663	689	708	723	710	665	715	695	726
1972.....	736	836	777	708	695	655	614	730	709	677	703	701
1973.....	579	644	634	685	670	622	641	639	664	675	705	682
1974.....	679	702	698	683	711	775	753	705	843	811	856	875
1975.....	948	946	951	989	973	1,063	1,027	1,000	936	940	898	923
1976.....	981	920	919	1,009	960	881	914	923	917	951	956	934
1977.....	874	898	908	865	882	946	869	895	877	842	852	771
1978.....	803	853	856	835	778	710	814	781	809	843	818	859
1979.....	838	841	840	835	810	725	785	815	847	796	797	809
1980.....	816	801	786	822	976	964	1,002	977	942	1,000	969	908
1981.....	995	986	965	963	976	918	873	926	937	947	1,028	1,035
UNEMPLOYED - FEMALES 16-19 YEARS												
1970.....	489	447	461	489	449	487	459	522	538	560	622	567
1971.....	554	543	577	547	552	557	623	570	578	560	599	576
1972.....	588	593	602	613	523	621	637	627	605	599	585	588
1973.....	507	623	567	624	585	572	566	545	604	586	613	606
1974.....	612	620	620	560	640	682	744	596	698	737	738	739
1975.....	797	765	809	758	850	777	810	832	802	811	775	837
1976.....	773	790	781	774	741	776	767	876	753	765	779	787
1977.....	833	793	818	808	774	842	770	768	804	780	790	690
1978.....	776	771	779	756	782	760	809	777	779	724	756	763
1979.....	729	724	706	752	747	754	720	753	749	783	725	779
1980.....	752	769	751	694	813	763	817	780	738	718	735	732
1981.....	762	783	796	803	806	765	781	768	812	854	858	818

IN THOUSANDS	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
UNEMPLOYED - BOTH SEXES 20 YEARS AND OVER												
1970	2,234	2,494	2,666	2,737	2,897	2,914	3,115	3,119	3,265	3,363	3,619	3,817
1971	3,737	3,698	3,742	3,749	3,755	3,684	3,689	3,854	3,799	3,679	3,867	3,852
1972	3,695	3,499	3,659	3,638	3,704	3,647	3,662	3,562	3,535	3,599	3,314	3,254
1973	3,240	3,185	3,193	3,150	3,074	3,169	3,098	3,121	3,082	2,883	3,078	3,201
1974	3,353	3,409	3,316	3,375	3,354	3,470	3,566	3,721	3,896	3,975	4,546	5,022
1975	5,756	5,809	6,218	6,463	6,610	6,380	6,290	6,096	6,185	6,146	6,121	5,984
1976	5,780	5,616	5,530	5,547	5,352	5,665	5,809	5,719	5,710	5,714	5,885	5,824
1977	5,573	5,752	5,581	5,386	5,255	5,346	5,190	5,262	5,070	5,141	5,173	4,925
1978	4,909	4,680	4,705	4,597	4,601	4,525	4,691	4,519	4,533	4,380	4,500	4,628
1979	4,539	4,583	4,562	4,489	4,356	4,434	4,480	4,730	4,577	4,714	4,733	4,821
1980	5,092	5,065	5,177	5,854	6,270	6,297	6,511	6,482	6,344	6,391	6,362	6,259
1981	6,265	6,196	6,197	6,133	6,466	6,321	6,170	6,284	6,487	6,868	7,214	7,718
UNEMPLOYED - MALES 20 YEARS AND OVER												
1970	1,188	1,334	1,382	1,494	1,553	1,624	1,735	1,755	1,830	1,890	2,023	2,192
1971	2,100	2,069	2,055	2,049	2,093	2,061	2,079	2,160	2,142	2,029	2,166	2,178
1972	2,071	1,993	2,034	2,019	2,006	1,981	1,960	1,898	1,878	1,910	1,791	1,742
1973	1,698	1,693	1,695	1,670	1,671	1,628	1,566	1,575	1,543	1,467	1,560	1,628
1974	1,755	1,809	1,735	1,796	1,736	1,800	1,833	1,957	1,978	2,129	2,380	2,727
1975	3,127	3,214	3,476	3,632	3,772	3,627	3,611	3,453	3,585	3,489	3,497	3,346
1976	3,161	3,041	3,012	3,002	2,968	3,167	3,136	3,046	3,075	3,076	3,241	3,227
1977	3,046	3,136	2,939	2,824	2,847	2,769	2,698	2,720	2,532	2,679	2,584	2,509
1978	2,534	2,470	2,464	2,331	2,316	2,201	2,226	2,226	2,228	2,226	2,221	2,351
1979	2,280	2,273	2,265	2,244	2,157	2,185	2,283	2,334	2,331	2,419	2,465	2,498
1980	2,722	2,682	2,826	3,276	3,630	3,644	3,772	3,731	3,756	3,607	3,595	3,476
1981	3,461	3,433	3,410	3,337	3,595	3,497	3,298	3,459	3,569	3,851	4,105	4,543
UNEMPLOYED - FEMALES 20 YEARS AND OVER												
1970	1,046	1,160	1,284	1,243	1,344	1,290	1,380	1,364	1,435	1,473	1,596	1,625
1971	1,637	1,629	1,687	1,700	1,662	1,623	1,610	1,694	1,657	1,650	1,701	1,674
1972	1,624	1,506	1,625	1,619	1,698	1,666	1,702	1,684	1,657	1,689	1,523	1,512
1973	1,552	1,492	1,498	1,480	1,403	1,541	1,532	1,546	1,539	1,416	1,518	1,573
1974	1,598	1,600	1,581	1,579	1,618	1,670	1,733	1,764	1,918	1,846	2,166	2,295
1975	2,629	2,595	2,742	2,831	2,838	2,753	2,679	2,643	2,600	2,657	2,624	2,638
1976	2,619	2,575	2,518	2,565	2,384	2,498	2,673	2,673	2,635	2,638	2,644	2,597
1977	2,527	2,616	2,642	2,562	2,408	2,577	2,492	2,542	2,538	2,462	2,589	2,416
1978	2,375	2,210	2,241	2,266	2,285	2,324	2,465	2,293	2,305	2,154	2,279	2,277
1979	2,259	2,310	2,297	2,245	2,199	2,249	2,197	2,396	2,246	2,295	2,268	2,323
1980	2,370	2,383	2,351	2,578	2,640	2,653	2,739	2,751	2,588	2,784	2,767	2,783
1981	2,804	2,763	2,787	2,796	2,871	2,824	2,872	2,825	2,918	3,017	3,109	3,175
UNEMPLOYED - BOTH SEXES 20-24 YEARS												
1970	653	761	713	776	813	817	905	901	1,010	987	1,075	1,099
1971	1,081	1,094	1,110	1,116	1,182	1,160	1,101	1,167	1,118	1,092	1,204	1,164
1972	1,168	1,091	1,171	1,149	1,137	1,103	1,175	1,114	1,125	1,187	1,073	1,060
1973	1,008	1,006	998	1,024	1,000	1,028	1,047	1,013	1,047	917	964	1,012
1974	1,082	1,113	1,047	1,058	1,138	1,155	1,195	1,290	1,300	1,258	1,429	1,576
1975	1,666	1,782	1,883	1,970	2,037	1,822	1,928	1,867	1,937	1,888	1,869	1,795
1976	1,765	1,671	1,676	1,712	1,644	1,702	1,662	1,719	1,670	1,784	1,792	1,764
1977	1,665	1,764	1,669	1,615	1,617	1,624	1,591	1,686	1,599	1,558	1,566	1,518
1978	1,606	1,558	1,559	1,537	1,389	1,452	1,524	1,417	1,454	1,346	1,430	1,437
1979	1,361	1,419	1,428	1,365	1,379	1,402	1,427	1,508	1,485	1,502	1,418	1,586
1980	1,629	1,594	1,584	1,793	1,966	1,927	1,956	1,951	1,933	1,980	1,948	1,844
1981	1,922	1,916	1,896	1,939	2,047	1,942	1,847	1,949	1,972	2,054	2,088	2,168
UNEMPLOYED - MALES 20-24 YEARS												
1970	333	384	369	421	429	437	512	510	594	606	620	643
1971	620	606	609	608	660	649	629	680	653	638	681	677
1972	672	624	689	672	607	600	647	594	599	645	598	583
1973	537	544	525	548	537	546	516	525	523	487	508	522
1974	573	606	561	563	601	611	614	693	687	711	794	849
1975	934	997	1,080	1,171	1,168	1,073	1,140	1,102	1,173	1,112	1,070	1,005
1976	973	916	922	921	914	963	949	932	921	996	992	1,008
1977	906	966	897	886	877	874	862	931	856	811	811	791
1978	659	845	831	786	676	727	744	737	738	717	740	758
1979	724	727	722	690	689	712	760	754	776	806	733	851
1980	911	905	918	1,052	1,150	1,156	1,155	1,183	1,175	1,193	1,138	1,059
1981	1,111	1,108	1,121	1,122	1,206	1,106	1,005	1,120	1,131	1,194	1,245	1,278
UNEMPLOYED - FEMALES 20-24 YEARS												
1970	320	377	344	355	384	380	393	391	416	381	455	456
1971	461	488	501	508	522	511	472	487	465	458	523	487
1972	496	467	482	477	530	503	528	520	526	542	475	477
1973	471	462	473	476	463	482	531	488	524	430	456	490
1974	509	507	486	495	537	544	581	597	613	547	635	727
1975	732	785	803	799	869	749	788	765	764	776	799	790
1976	792	755	754	791	730	739	713	787	749	788	800	756
1977	759	798	772	729	740	750	729	755	743	747	755	727
1978	747	713	728	751	713	725	780	680	720	629	690	679
1979	657	692	706	675	690	690	667	754	709	696	685	735
1980	718	689	666	741	816	771	801	768	758	787	810	785
1981	811	808	775	817	841	836	842	829	841	860	843	890

HOUSEHOLD DATA
SEASONALLY ADJUSTED

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
IN THOUSANDS												
UNEMPLOYED - BOTH SEXES 25 YEARS AND OVER												
1970.....	1,576	1,737	1,946	1,951	2,074	2,123	2,219	2,221	2,245	2,395	2,550	2,71
1971.....	2,638	2,606	2,621	2,626	2,567	2,514	2,603	2,692	2,687	2,635	2,667	2,67
1972.....	2,508	2,405	2,474	2,488	2,563	2,550	2,504	2,471	2,433	2,475	2,238	2,18
1973.....	2,208	2,168	2,169	2,130	2,074	2,129	2,067	2,107	2,067	2,018	2,105	2,16
1974.....	2,245	2,275	2,241	2,316	2,229	2,296	2,399	2,429	2,649	2,795	3,094	3,41
1975.....	4,034	3,975	4,273	4,494	4,590	4,581	4,434	4,248	4,352	4,369	4,214	4,16
1976.....	3,968	3,892	3,813	3,838	3,713	3,969	4,217	4,013	4,123	4,014	4,049	4,02
1977.....	3,872	3,954	3,890	3,775	3,628	3,725	3,643	3,579	3,514	3,639	3,568	3,37
1978.....	3,288	3,115	3,151	3,071	3,189	3,067	3,103	3,101	3,104	3,072	3,041	3,16
1979.....	3,151	3,166	3,153	3,130	2,938	3,036	3,059	3,217	3,112	3,242	3,284	3,20
1980.....	3,470	3,486	3,621	4,075	4,214	4,392	4,558	4,526	4,443	4,438	4,377	4,36
1981.....	4,355	4,309	4,343	4,213	4,331	4,398	4,324	4,328	4,540	4,828	5,091	5,48
UNEMPLOYED - MALES 25 YEARS AND OVER												
1970.....	857	943	1,011	1,070	1,119	1,187	1,223	1,250	1,226	1,325	1,412	1,53
1971.....	1,476	1,450	1,438	1,439	1,426	1,393	1,454	1,491	1,493	1,467	1,484	1,48
1972.....	1,389	1,354	1,335	1,351	1,388	1,378	1,318	1,319	1,298	1,346	1,185	1,14
1973.....	1,134	1,131	1,147	1,126	1,121	1,073	1,059	1,067	1,050	1,046	1,042	1,08
1974.....	1,160	1,181	1,150	1,235	1,121	1,179	1,235	1,287	1,340	1,508	1,567	1,84
1975.....	2,146	2,168	2,344	2,472	2,560	2,566	2,507	2,399	2,516	2,501	2,396	2,30
1976.....	2,148	2,080	2,056	2,087	2,007	2,214	2,218	2,153	2,240	2,167	2,218	2,18
1977.....	2,113	2,143	2,025	1,946	1,911	1,901	1,856	1,813	1,723	1,929	1,746	1,69
1978.....	1,667	1,621	1,637	1,554	1,579	1,477	1,488	1,506	1,520	1,546	1,459	1,56
1979.....	1,556	1,555	1,555	1,561	1,404	1,481	1,524	1,596	1,574	1,640	1,707	1,62
1980.....	1,820	1,799	1,928	2,242	2,368	2,503	2,617	2,572	2,607	2,438	2,428	2,36
1981.....	2,364	2,360	2,321	2,237	2,280	2,405	2,292	2,361	2,455	2,670	2,834	3,19
UNEMPLOYED - FEMALES 25 YEARS AND OVER												
1970.....	717	794	935	881	955	936	996	971	1,019	1,070	1,138	1,17
1971.....	1,162	1,156	1,183	1,187	1,141	1,121	1,149	1,201	1,194	1,168	1,183	1,18
1972.....	1,119	1,051	1,139	1,137	1,175	1,172	1,186	1,152	1,135	1,129	1,053	1,03
1973.....	1,074	1,037	1,022	1,004	953	1,056	1,008	1,040	1,017	972	1,063	1,08
1974.....	1,085	1,094	1,091	1,081	1,108	1,117	1,164	1,142	1,309	1,287	1,527	1,56
1975.....	1,888	1,807	1,929	2,022	2,030	2,015	1,927	1,849	1,836	1,868	1,818	1,84
1976.....	1,820	1,812	1,757	1,751	1,706	1,755	1,999	1,860	1,883	1,847	1,831	1,83
1977.....	1,759	1,811	1,865	1,829	1,717	1,824	1,787	1,766	1,791	1,715	1,822	1,68
1978.....	1,621	1,494	1,514	1,517	1,610	1,590	1,695	1,595	1,584	1,526	1,582	1,59
1979.....	1,595	1,611	1,598	1,569	1,534	1,555	1,535	1,621	1,538	1,602	1,577	1,58
1980.....	1,650	1,687	1,693	1,833	1,846	1,889	1,941	1,954	1,836	2,000	1,949	1,99
1981.....	1,991	1,949	2,022	1,976	2,051	1,993	2,032	1,967	2,085	2,158	2,257	2,28
UNEMPLOYED - BOTH SEXES 25-54 YEARS												
1970.....	1,276	1,390	1,538	1,556	1,622	1,719	1,824	1,806	1,792	1,935	2,085	2,21
1971.....	2,106	2,092	2,109	2,109	2,065	2,058	2,174	2,199	2,209	2,193	2,174	2,19
1972.....	2,041	1,953	1,972	1,972	2,048	2,051	2,019	1,981	1,946	1,953	1,825	1,77
1973.....	1,797	1,787	1,779	1,777	1,728	1,771	1,662	1,737	1,659	1,631	1,711	1,81
1974.....	1,841	1,885	1,857	1,962	1,851	1,909	1,979	1,996	2,184	2,348	2,638	2,89
1975.....	3,406	3,351	3,615	3,785	3,895	3,876	3,701	3,626	3,673	3,672	3,541	3,45
1976.....	3,283	3,255	3,138	3,170	3,127	3,279	3,480	3,355	3,444	3,367	3,407	3,44
1977.....	3,243	3,288	3,280	3,172	3,070	3,146	3,035	3,044	2,939	3,019	2,966	2,81
1978.....	2,760	2,632	2,694	2,587	2,759	2,576	2,685	2,677	2,645	2,603	2,595	2,72
1979.....	2,709	2,703	2,688	2,658	2,516	2,580	2,572	2,760	2,704	2,774	2,856	2,78
1980.....	2,960	3,051	3,206	3,556	3,761	3,842	4,028	4,016	3,976	3,939	3,871	3,81
1981.....	3,836	3,768	3,793	3,683	3,871	3,845	3,786	3,819	4,010	4,255	4,536	4,80
UNEMPLOYED - MALES 25-54 YEARS												
1970.....	662	715	744	814	841	942	968	965	944	1,034	1,099	1,18
1971.....	1,122	1,092	1,108	1,100	1,110	1,119	1,178	1,182	1,214	1,190	1,196	1,20
1972.....	1,095	1,050	1,006	1,028	1,082	1,084	1,044	1,024	992	999	939	87
1973.....	901	921	932	910	897	842	811	847	798	779	798	87
1974.....	916	924	935	1,023	920	960	996	1,014	1,078	1,239	1,322	1,54
1975.....	1,772	1,795	1,946	2,032	2,151	2,152	2,097	2,028	2,092	2,069	2,003	1,89
1976.....	1,750	1,698	1,634	1,679	1,640	1,774	1,848	1,763	1,832	1,775	1,855	1,84
1977.....	1,727	1,734	1,651	1,596	1,586	1,579	1,536	1,511	1,383	1,545	1,421	1,36
1978.....	1,361	1,322	1,345	1,242	1,304	1,179	1,201	1,263	1,266	1,269	1,231	1,31
1979.....	1,294	1,284	1,289	1,274	1,167	1,197	1,243	1,329	1,327	1,379	1,473	1,36
1980.....	1,509	1,532	1,667	1,913	2,089	2,141	2,294	2,246	2,318	2,147	2,146	2,05
1981.....	2,051	2,042	2,020	1,927	2,001	2,065	1,990	2,067	2,173	2,346	2,522	2,76
UNEMPLOYED - FEMALES 25-54 YEARS												
1970.....	614	675	794	742	781	777	856	841	848	901	986	1,02
1971.....	984	1,000	1,001	1,009	955	939	996	1,017	995	1,003	978	99
1972.....	946	903	966	944	966	967	975	957	954	954	886	89
1973.....	896	866	847	867	831	929	851	890	861	852	913	93
1974.....	925	961	922	939	931	949	983	982	1,106	1,109	1,316	1,34
1975.....	1,634	1,556	1,669	1,753	1,744	1,724	1,604	1,598	1,581	1,603	1,538	1,56
1976.....	1,533	1,557	1,504	1,491	1,487	1,505	1,632	1,592	1,612	1,592	1,552	1,59
1977.....	1,516	1,554	1,629	1,576	1,484	1,569	1,499	1,533	1,556	1,474	1,545	1,45
1978.....	1,399	1,310	1,349	1,345	1,455	1,397	1,484	1,414	1,379	1,334	1,364	1,41
1979.....	1,415	1,419	1,399	1,384	1,349	1,383	1,329	1,431	1,377	1,395	1,383	1,41
1980.....	1,451	1,519	1,539	1,643	1,672	1,701	1,734	1,770	1,658	1,792	1,725	1,76
1981.....	1,785	1,726	1,773	1,756	1,870	1,780	1,796	1,752	1,837	1,909	2,014	2,04

IN THOUSANDS

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
UNEMPLOYED - MALES 25-34 YEARS												
1970	293	307	307	360	368	445	488	426	390	458	492	539
1971	501	478	506	478	489	493	545	524	540	550	566	522
1972	500	502	436	489	495	489	448	444	458	449	419	434
1973	433	441	452	438	469	424	434	459	443	428	396	432
1974	460	458	478	559	483	502	509	525	516	655	676	804
1975	867	920	983	1,024	1,041	1,077	1,039	965	1,032	989	995	945
1976	894	892	840	864	883	931	951	920	946	939	977	950
1977	917	917	882	886	870	864	868	866	819	899	805	767
1978	766	727	726	689	679	605	635	679	657	688	669	723
1979	694	708	723	673	633	629	664	731	669	704	789	757
1980	854	848	964	1,145	1,207	1,250	1,314	1,263	1,369	1,256	1,204	1,170
1981	1,168	1,152	1,125	1,086	1,145	1,172	1,115	1,168	1,212	1,315	1,400	1,559
UNEMPLOYED - FEMALES 25-34 YEARS												
1970	246	273	289	304	311	311	374	346	343	346	388	392
1971	410	432	443	425	419	395	390	403	419	421	436	446
1972	407	389	389	397	409	431	435	423	435	433	393	406
1973	428	397	398	407	431	484	416	448	400	405	460	459
1974	457	469	450	442	415	427	484	482	529	546	630	624
1975	776	725	795	824	862	854	816	785	774	782	748	764
1976	778	778	756	725	756	787	821	834	840	824	797	823
1977	786	808	819	835	739	787	757	758	773	765	779	767
1978	707	659	733	735	749	725	778	756	753	683	738	754
1979	780	773	743	730	712	762	729	759	729	749	758	745
1980	757	815	829	883	897	914	899	927	880	956	917	970
1981	979	926	961	955	1,071	960	991	956	1,001	1,031	1,080	1,084
UNEMPLOYED - MALES 35-44 YEARS												
1970	189	212	226	226	240	251	265	273	276	290	308	343
1971	310	309	290	307	317	326	329	335	347	327	332	334
1972	314	277	312	282	295	276	300	300	276	277	271	208
1973	223	225	237	224	210	209	187	188	188	171	193	240
1974	231	232	212	233	224	243	249	257	300	315	339	398
1975	455	463	517	545	569	528	516	511	494	497	515	476
1976	439	434	394	412	379	430	467	448	471	442	438	428
1977	403	422	414	366	385	386	371	348	315	357	354	304
1978	308	305	334	313	334	317	300	321	296	303	295	321
1979	328	297	292	315	287	293	312	330	386	368	411	368
1980	381	398	392	437	518	521	568	581	550	512	498	505
1981	501	529	531	526	479	505	484	487	564	613	687	743
UNEMPLOYED - FEMALES 35-44 YEARS												
1970	187	213	262	236	250	249	244	256	267	313	310	368
1971	341	318	298	317	284	289	319	341	295	326	283	297
1972	277	269	310	301	319	315	312	300	298	286	265	272
1973	264	245	241	225	235	233	230	239	257	230	245	232
1974	245	261	261	279	297	289	282	294	300	296	356	375
1975	469	444	452	505	443	450	384	434	437	456	429	429
1976	406	418	414	434	402	404	424	412	422	420	407	431
1977	386	417	417	397	409	423	424	423	432	398	425	392
1978	405	377	361	336	418	382	401	383	366	374	379	383
1979	385	373	373	355	375	371	346	413	377	386	355	388
1980	397	414	424	444	464	461	502	502	446	488	477	487
1981	491	475	495	507	482	504	483	483	529	539	575	588
UNEMPLOYED - MALES 45-54 YEARS												
1970	180	196	211	228	233	246	303	266	278	286	299	306
1971	311	305	312	315	304	300	304	323	327	313	298	348
1972	281	271	258	257	292	319	296	280	258	273	249	237
1973	245	255	243	248	218	209	190	200	167	180	209	204
1974	225	234	245	231	213	215	238	232	262	269	307	340
1975	450	412	446	463	541	547	542	552	566	583	493	472
1976	417	372	400	403	378	413	430	395	415	398	440	470
1977	407	395	355	344	331	329	277	297	249	289	262	289
1978	287	290	285	240	291	257	266	263	313	278	267	273
1979	272	279	274	286	247	275	267	268	272	307	273	243
1980	274	286	311	331	364	370	412	402	399	379	444	379
1981	382	361	364	315	377	388	391	412	397	418	435	460
UNEMPLOYED - FEMALES 45-54 YEARS												
1970	181	189	243	202	220	217	238	239	238	242	288	267
1971	233	250	260	267	252	255	287	273	281	256	259	252
1972	262	245	267	246	238	221	220	234	221	235	228	213
1973	204	224	208	235	165	212	205	203	204	217	208	247
1974	223	231	211	218	219	233	217	206	277	267	330	349
1975	389	387	422	424	439	420	404	379	370	365	361	373
1976	349	361	334	332	329	314	387	346	350	348	348	341
1977	344	329	393	344	336	359	318	352	351	311	341	296
1978	287	274	255	274	288	290	305	275	260	277	247	273
1979	250	273	283	299	262	250	254	259	271	260	270	280
1980	297	290	286	316	311	326	333	341	332	348	331	307
1981	315	325	317	294	317	316	322	313	307	339	359	370

HOUSEHOLD DATA
SEASONALLY ADJUSTED

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
IN THOUSANDS												
UNEMPLOYED - BOTH SEXES 55-64 YEARS												
1970.....	227	261	293	295	327	308	307	311	351	348	350	371
1971.....	403	412	381	391	384	384	360	382	364	327	382	374
1972.....	365	362	380	396	400	407	386	381	337	378	297	328
1973.....	312	313	300	282	278	261	292	286	282	301	295	278
1974.....	294	305	286	277	290	299	311	341	335	335	343	434
1975.....	476	499	513	538	530	539	544	516	517	549	512	515
1976.....	491	499	512	525	478	531	537	538	537	509	490	472
1977.....	463	511	470	453	446	422	428	407	441	468	435	427
1978.....	384	373	338	337	322	332	331	312	356	365	343	331
1979.....	338	340	350	341	353	342	378	357	325	359	348	329
1980.....	403	331	346	406	420	417	410	417	420	410	408	428
1981.....	424	432	459	409	411	419	443	437	481	462	457	513
UNEMPLOYED - MALES 55-64 YEARS												
1970.....	139	163	188	191	209	190	196	211	225	211	240	243
1971.....	264	271	242	255	244	242	225	231	217	207	223	219
1972.....	225	229	250	237	238	248	228	241	217	243	164	199
1973.....	173	161	165	169	179	172	176	163	170	187	179	161
1974.....	179	201	157	156	152	166	183	205	187	181	182	242
1975.....	274	287	296	310	315	299	308	306	308	310	305	309
1976.....	279	289	309	304	293	323	288	310	312	294	288	269
1977.....	265	296	271	252	249	220	223	217	242	280	239	249
1978.....	212	218	206	209	199	189	198	159	184	217	186	182
1979.....	195	193	191	189	188	200	229	206	183	191	205	194
1980.....	239	198	222	247	254	261	261	265	268	253	239	246
1981.....	251	244	249	238	258	257	260	259	268	271	275	320
UNEMPLOYED - FEMALES 55-64 YEARS												
1970.....	88	98	105	104	118	118	111	100	126	137	110	128
1971.....	139	141	139	136	140	142	135	151	147	120	159	155
1972.....	140	133	130	159	162	159	158	140	120	135	133	129
1973.....	139	152	135	113	95	89	116	123	112	114	116	117
1974.....	115	104	129	121	138	133	128	136	148	154	161	192
1975.....	202	212	217	228	215	240	236	210	209	239	207	206
1976.....	212	210	203	221	185	208	249	228	225	215	202	203
1977.....	198	215	199	201	197	202	205	190	199	188	196	178
1978.....	172	155	132	128	123	143	133	153	172	148	157	149
1979.....	143	147	159	152	165	142	149	151	142	168	143	135
1980.....	164	133	124	159	166	156	149	152	152	157	169	182
1981.....	173	188	210	171	153	162	183	178	213	191	182	193
UNEMPLOYED - BOTH SEXES 65 YEARS AND OVER												
1970.....	71	91	103	92	124	99	114	93	99	96	125	135
1971.....	133	112	111	117	116	85	93	115	100	99	111	119
1972.....	98	102	100	120	111	104	109	136	125	126	107	100
1973.....	91	80	72	73	81	109	107	104	99	79	87	88
1974.....	97	101	92	89	92	87	91	117	104	111	104	108
1975.....	125	143	143	172	187	163	157	152	135	154	164	198
1976.....	170	152	164	131	138	148	162	145	137	139	150	128
1977.....	151	161	149	139	144	137	138	135	145	151	162	155
1978.....	135	110	126	135	142	139	136	116	130	100	101	111
1979.....	106	116	121	110	105	96	93	107	115	103	88	94
1980.....	102	96	76	94	93	91	108	108	96	86	104	86
1981.....	92	94	90	100	98	103	91	89	91	112	105	107
UNEMPLOYED - MALES 65 YEARS AND OVER												
1970.....	55	61	74	63	68	69	73	65	66	71	83	95
1971.....	90	81	79	80	76	53	65	77	63	58	68	60
1972.....	65	74	69	87	73	67	60	69	84	82	75	69
1973.....	55	48	40	45	52	66	78	67	69	62	59	55
1974.....	61	61	54	57	56	54	57	83	62	72	67	74
1975.....	84	96	96	118	110	112	106	98	97	106	109	113
1976.....	105	104	108	83	94	101	81	96	88	89	98	81
1977.....	110	115	104	83	94	79	90	83	97	98	106	97
1978.....	86	78	85	87	94	87	91	83	83	59	61	73
1979.....	63	71	76	78	67	63	56	62	82	71	53	56
1980.....	66	57	39	61	59	62	70	71	58	86	68	48
1981.....	55	59	49	51	49	54	50	44	49	62	58	77
UNEMPLOYED - FEMALES 65 YEARS AND OVER												
1970.....	16	30	29	29	56	30	41	28	33	25	42	40
1971.....	43	31	32	37	40	32	28	38	37	41	43	59
1972.....	33	28	31	33	38	37	49	67	41	44	32	31
1973.....	36	32	32	28	29	43	29	37	30	17	28	33
1974.....	36	40	38	32	36	33	34	34	42	39	37	34
1975.....	41	47	47	54	77	51	51	54	38	48	55	85
1976.....	65	48	56	48	44	47	81	49	49	50	52	47
1977.....	41	46	45	56	50	58	48	52	48	53	56	58
1978.....	49	32	41	48	48	52	45	33	47	41	40	38
1979.....	43	45	45	32	38	33	37	45	33	32	35	38
1980.....	36	39	37	33	34	29	38	37	38	40	36	38
1981.....	37	35	41	49	49	49	41	45	42	50	47	30

IN THOUSANDS

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
UNEMPLOYED - MALES 16-21 YEARS: MAJOR ACTIVITY SCHOOL												
1970	235	231	223	273	248	259	295	274	271	307	311	334
1971	333	247	312	311	324	343	284	278	325	339	305	321
1972	332	357	395	313	281	272	291	310	363	307	338	320
1973	231	238	278	327	287	248	303	311	268	290	281	280
1974	283	288	286	233	312	334	341	340	356	327	368	361
1975	386	398	357	414	387	389	351	384	374	369	356	381
1976	436	389	386	379	406	408	359	365	348	396	441	399
1977	346	400	420	358	362	365	370	383	411	389	370	326
1978	374	363	396	401	313	340	381	364	356	383	380	379
1979	345	324	352	321	326	338	366	371	349	337	307	330
1980	309	326	316	339	384	424	385	373	397	425	405	345
1981	437	443	391	399	399	389	368	394	359	386	465	419
UNEMPLOYED - MALES 16-21 YEARS: MAJOR ACTIVITY OTHER												
1970	393	436	456	465	508	606	566	589	622	628	605	630
1971	655	638	614	566	632	657	723	714	588	663	688	706
1972	725	760	714	708	674	634	622	707	595	633	618	637
1973	579	602	589	597	615	546	577	565	624	617	673	649
1974	652	651	688	707	703	728	706	730	808	824	842	880
1975	968	967	1,069	1,052	1,116	1,159	1,224	1,132	1,067	1,043	1,014	986
1976	1,010	976	967	1,018	923	881	1,005	989	985	984	985	1,000
1977	922	951	896	895	911	961	915	933	861	843	859	820
1978	850	893	849	791	773	678	788	753	804	828	796	832
1979	822	838	803	822	767	642	750	807	871	813	837	868
1980	931	877	901	967	1,073	1,072	1,116	1,095	1,051	1,069	1,078	1,010
1981	1,030	1,032	1,098	1,037	1,047	1,007	934	1,004	1,029	1,075	1,094	1,170
UNEMPLOYED - FEMALES 16-21 YEARS: MAJOR ACTIVITY SCHOOL												
1970	184	155	152	215	144	165	170	184	158	192	246	214
1971	209	216	232	218	222	263	197	211	246	217	227	211
1972	216	212	220	256	159	208	223	230	246	244	252	225
1973	166	235	211	247	223	206	237	237	225	221	213	247
1974	223	257	217	163	230	257	267	266	260	294	275	293
1975	324	297	335	287	329	312	290	293	287	337	306	308
1976	290	277	285	290	283	331	311	291	311	277	366	329
1977	318	331	339	332	323	268	291	308	342	319	335	289
1978	335	328	323	340	291	287	303	300	312	282	292	345
1979	299	288	283	283	318	249	290	308	264	326	261	358
1980	280	266	259	259	282	290	318	310	309	277	285	303
1981	299	329	330	330	325	342	319	314	325	345	372	342
UNEMPLOYED - FEMALES 16-21 YEARS: MAJOR ACTIVITY OTHER												
1970	445	464	475	462	474	485	442	515	548	589	611	568
1971	554	556	566	571	580	519	602	582	562	559	618	605
1972	620	594	615	615	598	637	653	641	614	635	579	589
1973	563	592	552	587	564	591	533	539	600	559	629	608
1974	647	647	658	657	697	651	743	644	732	728	731	759
1975	791	832	971	825	937	814	884	925	857	850	835	905
1976	816	819	802	848	770	788	760	934	741	821	779	812
1977	853	828	837	812	774	909	797	788	788	808	802	758
1978	781	755	789	736	816	820	850	791	811	738	782	783
1979	755	756	738	792	740	834	705	797	795	795	794	784
1980	775	791	795	751	909	801	823	797	750	774	807	810
1981	811	823	816	849	853	771	821	827	872	935	849	859
UNEMPLOYED - WHITE WORKERS												
1970	2,593	2,782	2,958	3,046	3,211	3,274	3,423	3,471	3,665	3,826	4,038	4,156
1971	4,097	3,973	4,089	4,041	4,063	4,057	4,079	4,192	4,098	4,037	4,241	4,137
1972	4,007	3,889	4,018	4,046	3,960	3,967	3,933	3,979	3,908	3,955	3,618	3,566
1973	3,473	3,518	3,453	3,508	3,417	3,422	3,313	3,386	3,418	3,306	3,455	3,549
1974	3,667	3,720	3,632	3,670	3,748	3,933	4,010	4,035	4,418	4,414	4,896	5,257
1975	6,065	6,057	6,418	6,632	6,931	6,708	6,674	6,421	6,413	6,434	6,287	6,201
1976	6,020	5,782	5,755	5,813	5,689	5,835	6,017	6,030	5,977	5,980	6,076	5,961
1977	5,782	5,905	5,769	5,587	5,433	5,602	5,265	5,261	5,210	5,189	5,156	4,826
1978	4,889	4,832	4,766	4,682	4,651	4,514	4,730	4,616	4,691	4,548	4,554	4,753
1979	4,638	4,611	4,629	4,545	4,463	4,464	4,539	4,842	4,784	4,814	4,822	4,876
1980	5,063	5,073	5,147	5,714	6,283	6,256	6,436	6,412	6,202	6,278	6,230	6,002
1981	6,231	6,164	6,103	6,119	6,429	6,088	5,956	5,942	6,256	6,631	7,037	7,319
UNEMPLOYED - WHITE WORKERS 16-19 YEARS												
1970	741	740	767	834	821	892	830	895	948	975	1,011	1,009
1971	1,015	956	991	973	993	1,016	1,067	1,024	1,016	1,018	1,063	1,026
1972	1,049	1,087	1,078	1,059	947	1,014	976	1,071	1,052	986	967	976
1973	851	968	941	1,023	975	903	898	910	952	1,003	1,039	1,011
1974	1,014	1,028	1,004	975	1,044	1,142	1,121	1,013	1,232	1,200	1,237	1,254
1975	1,377	1,342	1,391	1,378	1,455	1,504	1,492	1,482	1,388	1,396	1,347	1,404
1976	1,412	1,364	1,353	1,394	1,328	1,317	1,356	1,409	1,309	1,356	1,389	1,382
1977	1,368	1,355	1,367	1,329	1,312	1,405	1,221	1,236	1,289	1,237	1,239	1,053
1978	1,174	1,231	1,214	1,204	1,153	1,086	1,187	1,191	1,197	1,206	1,180	1,233
1979	1,209	1,181	1,185	1,190	1,164	1,133	1,162	1,228	1,235	1,216	1,188	1,219
1980	1,204	1,173	1,175	1,208	1,409	1,373	1,408	1,392	1,242	1,341	1,335	1,240
1981	1,357	1,414	1,367	1,394	1,426	1,308	1,284	1,271	1,353	1,385	1,486	1,455

HOUSEHOLD DATA
SEASONALLY ADJUSTED

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
IN THOUSANDS												
UNEMPLOYED - WHITE WORKERS 20 YEARS AND OVER												
1970	1,852	2,042	2,191	2,212	2,390	2,382	2,593	2,576	2,717	2,851	3,027	3,147
1971	3,082	3,017	3,098	3,068	3,070	3,041	3,012	3,168	3,082	3,019	3,178	3,111
1972	2,958	2,802	2,940	2,987	3,013	2,953	2,957	2,908	2,856	2,969	2,651	2,590
1973	2,622	2,550	2,512	2,485	2,442	2,519	2,415	2,476	2,466	2,303	2,416	2,538
1974	2,653	2,692	2,628	2,695	2,704	2,791	2,889	3,022	3,186	3,214	3,659	4,003
1975	4,688	4,715	5,027	5,254	5,476	5,204	5,182	4,939	5,025	5,038	4,940	4,797
1976	4,608	4,418	4,402	4,419	4,361	4,518	4,661	4,621	4,668	4,624	4,687	4,579
1977	4,414	4,550	4,402	4,258	4,121	4,197	4,044	4,025	3,921	3,952	3,917	3,773
1978	3,715	3,601	3,552	3,478	3,494	3,428	3,543	3,425	3,494	3,342	3,374	3,520
1979	3,429	3,430	3,444	3,355	3,293	3,331	3,377	3,614	3,549	3,598	3,634	3,657
1980	3,859	3,900	3,972	4,506	4,874	4,883	5,028	5,020	4,960	4,937	4,895	4,762
1981	4,874	4,750	4,736	4,725	5,003	4,780	4,672	4,671	4,903	5,246	5,551	5,864
UNEMPLOYED - WHITE MALES												
1970	1,378	1,509	1,559	1,684	1,772	1,886	1,967	1,981	2,066	2,189	2,262	2,363
1971	2,305	2,240	2,266	2,253	2,326	2,294	2,344	2,391	2,328	2,292	2,363	2,355
1972	2,309	2,258	2,289	2,243	2,181	2,191	2,092	2,152	2,161	2,211	2,022	1,934
1973	1,870	1,890	1,877	1,872	1,862	1,814	1,733	1,788	1,804	1,753	1,815	1,865
1974	1,949	1,969	1,880	1,965	1,974	2,050	2,098	2,157	2,307	2,412	2,594	2,861
1975	3,286	3,351	3,575	3,721	3,914	3,871	3,849	3,666	3,770	3,685	3,587	3,416
1976	3,328	3,134	3,152	3,199	3,199	3,268	3,320	3,241	3,316	3,288	3,384	3,296
1977	3,133	3,228	3,057	2,974	2,958	2,965	2,757	2,739	2,659	2,708	2,683	2,514
1978	2,526	2,567	2,559	2,391	2,345	2,248	2,329	2,327	2,355	2,402	2,293	2,462
1979	2,413	2,354	2,385	2,332	2,261	2,245	2,374	2,486	2,512	2,497	2,560	2,541
1980	2,733	2,675	2,819	3,243	3,674	3,659	3,777	3,729	3,655	3,644	3,619	3,383
1981	3,517	3,498	3,457	3,398	3,598	3,415	3,221	3,345	3,493	3,771	4,054	4,328
UNEMPLOYED - WHITE MALES 16-19 YEARS												
1970	379	404	406	455	478	534	505	499	524	541	547	558
1971	571	519	535	538	551	568	594	581	552	575	579	598
1972	602	635	621	571	539	532	503	582	586	538	536	530
1973	466	498	506	525	520	488	491	513	525	543	557	536
1974	534	540	516	521	571	601	577	541	655	629	659	679
1975	750	764	766	779	789	883	845	816	771	756	746	758
1976	810	737	752	797	767	715	757	730	713	749	774	741
1977	700	710	708	678	687	773	635	657	679	641	638	557
1978	598	649	635	622	564	551	605	611	608	664	605	658
1979	649	641	638	639	625	568	615	656	665	623	634	631
1980	642	611	602	665	780	792	800	786	697	776	764	679
1981	764	787	766	750	770	721	680	694	729	750	822	829
UNEMPLOYED - WHITE MALES 20 YEARS AND OVER												
1970	999	1,105	1,153	1,229	1,294	1,352	1,462	1,482	1,542	1,648	1,715	1,805
1971	1,734	1,721	1,731	1,715	1,775	1,726	1,750	1,810	1,776	1,717	1,784	1,757
1972	1,707	1,623	1,668	1,672	1,642	1,659	1,589	1,570	1,575	1,677	1,486	1,404
1973	1,404	1,392	1,371	1,347	1,342	1,326	1,242	1,275	1,279	1,210	1,258	1,329
1974	1,415	1,429	1,364	1,444	1,403	1,449	1,521	1,616	1,652	1,783	1,935	2,182
1975	2,536	2,587	2,809	2,942	3,125	2,988	3,004	2,850	2,999	2,929	2,841	2,658
1976	2,518	2,397	2,400	2,402	2,432	2,553	2,563	2,511	2,603	2,539	2,610	2,555
1977	2,433	2,518	2,349	2,296	2,271	2,192	2,122	2,082	1,980	2,067	2,005	1,957
1978	1,928	1,918	1,928	1,769	1,781	1,697	1,724	1,716	1,747	1,738	1,688	1,804
1979	1,764	1,713	1,707	1,693	1,636	1,677	1,759	1,830	1,847	1,874	1,926	1,910
1980	2,091	2,064	2,217	2,578	2,894	2,867	2,977	2,943	2,958	2,868	2,855	2,704
1981	2,753	2,711	2,691	2,648	2,828	2,694	2,541	2,651	2,764	3,021	3,232	3,499
UNEMPLOYED - WHITE FEMALES												
1970	1,215	1,273	1,399	1,362	1,439	1,388	1,456	1,490	1,599	1,637	1,776	1,793
1971	1,792	1,733	1,823	1,788	1,737	1,763	1,735	1,801	1,770	1,745	1,878	1,782
1972	1,698	1,631	1,729	1,803	1,779	1,776	1,841	1,827	1,747	1,744	1,596	1,632
1973	1,603	1,628	1,576	1,636	1,555	1,608	1,580	1,598	1,614	1,553	1,640	1,684
1974	1,718	1,751	1,752	1,705	1,774	1,883	1,912	1,878	2,111	2,002	2,302	2,396
1975	2,779	2,706	2,843	2,911	3,017	2,837	2,825	2,755	2,643	2,749	2,700	2,785
1976	2,692	2,648	2,603	2,614	2,490	2,567	2,697	2,789	2,661	2,692	2,692	2,665
1977	2,649	2,677	2,712	2,613	2,475	2,637	2,508	2,522	2,551	2,481	2,513	2,312
1978	2,363	2,265	2,207	2,291	2,306	2,266	2,401	2,289	2,336	2,146	2,261	2,291
1979	2,225	2,257	2,284	2,213	2,202	2,219	2,165	2,356	2,272	2,317	2,262	2,335
1980	2,330	2,398	2,328	2,471	2,609	2,597	2,659	2,683	2,547	2,634	2,611	2,619
1981	2,714	2,666	2,646	2,721	2,831	2,673	2,735	2,597	2,763	2,860	2,983	2,991
UNEMPLOYED - WHITE FEMALES 16-19 YEARS												
1970	362	336	361	379	343	358	325	396	424	434	464	451
1971	444	437	456	435	442	448	473	443	464	443	484	428
1972	447	452	457	488	408	482	473	489	466	452	431	446
1973	385	470	435	498	455	415	407	397	427	460	482	475
1974	480	488	488	454	473	541	544	472	577	571	578	575
1975	627	578	625	599	666	621	647	666	617	640	601	646
1976	602	627	601	597	561	602	599	679	596	607	615	641
1977	668	645	659	651	625	632	586	579	610	596	601	496
1978	576	582	579	582	589	535	582	580	589	542	575	575
1979	560	580	547	551	539	565	547	572	570	593	554	588
1980	562	562	573	543	629	581	608	606	545	565	571	561
1981	593	627	601	644	656	587	604	577	624	635	664	626

IN THOUSANDS

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
UNEMPLOYED - WHITE FEMALES 20 YEARS AND OVER												
1970.....	853	937	1,038	983	1,096	1,030	1,131	1,094	1,175	1,203	1,312	1,342
1971.....	1,348	1,296	1,367	1,353	1,295	1,315	1,262	1,358	1,306	1,302	1,394	1,354
1972.....	1,251	1,179	1,272	1,315	1,371	1,294	1,368	1,338	1,281	1,292	1,165	1,186
1973.....	1,218	1,158	1,141	1,138	1,100	1,193	1,173	1,201	1,187	1,093	1,158	1,209
1974.....	1,238	1,263	1,264	1,251	1,301	1,342	1,368	1,406	1,534	1,431	1,724	1,821
1975.....	2,152	2,128	2,218	2,312	2,351	2,216	2,178	2,089	2,026	2,109	2,099	2,139
1976.....	2,090	2,021	2,002	2,017	1,929	1,965	2,098	2,110	2,065	2,085	2,077	2,024
1977.....	1,981	2,032	2,053	1,962	1,850	2,005	1,922	1,943	1,981	1,885	1,912	1,816
1978.....	1,787	1,683	1,628	1,709	1,717	1,731	1,819	1,709	1,747	1,604	1,686	1,716
1979.....	1,665	1,717	1,737	1,662	1,663	1,654	1,618	1,784	1,702	1,724	1,708	1,747
1980.....	1,768	1,836	1,755	1,928	1,980	2,016	2,051	2,077	2,002	2,069	2,040	2,058
1981.....	2,121	2,039	2,045	2,077	2,175	2,086	2,131	2,020	2,139	2,225	2,319	2,365
UNEMPLOYED - BLACK AND OTHER WORKERS												
1970.....	616	654	666	741	724	803	746	787	794	820	851	887
1971.....	912	907	877	907	947	891	955	947	970	988	917	971
1972.....	1,031	1,014	991	906	979	947	977	971	975	996	987	935
1973.....	859	904	913	939	923	934	983	930	971	888	941	903
1974.....	979	987	978	927	975	996	1,057	1,011	1,071	1,175	1,244	1,330
1975.....	1,407	1,429	1,506	1,529	1,546	1,538	1,464	1,549	1,605	1,544	1,506	1,503
1976.....	1,479	1,526	1,434	1,477	1,398	1,521	1,462	1,521	1,468	1,497	1,536	1,557
1977.....	1,465	1,530	1,508	1,435	1,507	1,565	1,540	1,682	1,577	1,596	1,650	1,552
1978.....	1,580	1,475	1,566	1,483	1,536	1,504	1,558	1,464	1,448	1,416	1,518	1,482
1979.....	1,446	1,543	1,474	1,528	1,476	1,460	1,426	1,449	1,410	1,500	1,441	1,505
1980.....	1,566	1,558	1,554	1,667	1,816	1,782	1,892	1,810	1,856	1,872	1,859	1,839
1981.....	1,736	1,779	1,844	1,806	1,868	1,922	1,867	2,008	2,010	2,086	2,096	2,163
UNEMPLOYED - BLACK AND OTHER WORKERS 16-19 YEARS												
1970.....	226	214	199	230	206	264	217	241	249	256	269	248
1971.....	240	241	253	244	247	249	268	256	239	256	231	272
1972.....	287	332	298	273	265	260	263	286	270	288	323	313
1973.....	247	285	258	297	271	291	298	275	325	255	277	277
1974.....	292	286	315	273	293	317	366	295	317	346	359	357
1975.....	380	365	373	367	357	344	330	356	351	357	329	353
1976.....	350	346	350	384	363	355	310	398	358	361	354	335
1977.....	341	342	356	333	339	401	404	437	383	388	412	403
1978.....	409	398	415	381	406	402	424	373	376	365	402	381
1979.....	358	391	350	400	394	358	332	344	340	370	385	360
1980.....	368	405	348	316	385	365	405	367	415	386	377	389
1981.....	402	361	380	384	364	384	364	423	370	429	407	388
UNEMPLOYED - BLACK AND OTHER WORKERS 20 YEARS AND OVER												
1970.....	390	440	467	511	518	539	529	546	545	564	582	639
1971.....	672	666	624	663	700	642	687	691	731	732	686	699
1972.....	744	682	693	633	714	687	714	685	705	708	664	622
1973.....	612	619	655	642	652	643	685	655	646	633	664	626
1974.....	687	701	663	654	682	679	691	716	754	829	885	973
1975.....	1,027	1,064	1,133	1,162	1,189	1,194	1,134	1,193	1,254	1,187	1,177	1,150
1976.....	1,129	1,180	1,084	1,093	1,035	1,166	1,152	1,123	1,110	1,136	1,182	1,222
1977.....	1,124	1,188	1,152	1,102	1,168	1,164	1,136	1,245	1,194	1,208	1,238	1,149
1978.....	1,171	1,077	1,151	1,102	1,130	1,102	1,134	1,091	1,072	1,051	1,112	1,101
1979.....	1,088	1,152	1,124	1,128	1,082	1,102	1,094	1,105	1,070	1,130	1,096	1,145
1980.....	1,198	1,153	1,206	1,351	1,431	1,417	1,487	1,443	1,441	1,486	1,482	1,450
1981.....	1,334	1,418	1,464	1,422	1,504	1,538	1,503	1,585	1,640	1,657	1,689	1,775
UNEMPLOYED - BLACK AND OTHER MALES												
1970.....	298	322	324	365	358	415	386	390	425	428	412	475
1971.....	506	469	444	485	449	476	485	489	503	527	496	497
1972.....	502	547	501	468	510	442	503	492	462	453	474	468
1973.....	392	417	430	465	468	436	489	440	445	442	450	413
1974.....	475	515	532	483	465	534	510	532	575	595	645	694
1975.....	757	765	804	842	829	852	819	833	864	824	817	813
1976.....	778	790	745	758	733	823	742	764	757	783	818	839
1977.....	754	777	767	667	773	793	809	897	792	831	793	756
1978.....	792	745	752	742	748	698	709	696	697	677	749	734
1979.....	690	762	757	731	702	688	695	677	675	728	714	740
1980.....	788	808	782	855	928	963	1,011	996	1,060	989	970	950
1981.....	907	911	904	916	972	1,006	963	1,052	1,028	1,060	1,109	1,168
UNEMPLOYED - BLACK AND OTHER MALES 16-19 YEARS												
1970.....	104	102	98	115	96	134	103	114	132	127	115	129
1971.....	133	135	132	124	134	139	138	129	121	139	119	124
1972.....	143	192	154	134	149	122	117	149	129	141	170	171
1973.....	122	135	128	154	142	136	153	128	145	130	147	148
1974.....	154	156	184	149	131	180	176	170	193	181	199	195
1975.....	206	179	189	193	179	195	172	191	167	184	155	164
1976.....	175	182	170	193	188	192	144	201	202	203	187	190
1977.....	175	191	199	167	192	204	223	246	192	202	219	209
1978.....	208	204	217	198	212	189	202	177	190	180	219	194
1979.....	191	202	194	187	182	181	188	166	167	174	170	171
1980.....	179	192	173	155	192	190	207	199	228	224	209	222
1981.....	236	200	187	214	204	209	201	241	192	198	208	201

HOUSEHOLD DATA
SEASONALLY ADJUSTED

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
IN THOUSANDS												
UNEMPLOYED - BLACK AND OTHER MALES 20 YEARS AND OVER												
1970.....	194	220	226	250	262	281	283	276	293	301	297	346
1971.....	373	334	312	321	315	337	347	360	382	388	377	373
1972.....	359	355	347	334	361	320	386	343	333	312	304	297
1973.....	270	282	302	311	326	300	336	312	300	312	303	265
1974.....	321	359	348	334	334	354	334	362	382	414	446	499
1975.....	551	586	615	649	650	657	647	642	697	640	662	649
1976.....	603	608	575	565	545	631	598	563	555	580	631	649
1977.....	579	586	568	500	581	589	586	651	600	629	574	547
1978.....	584	541	535	544	536	509	507	519	507	497	530	540
1979.....	499	560	563	544	520	507	527	511	508	554	544	569
1980.....	609	616	609	700	736	773	804	797	832	765	761	728
1981.....	671	711	717	702	768	797	762	811	836	862	901	967
UNEMPLOYED - BLACK AND OTHER FEMALES												
1970.....	318	332	342	376	366	388	360	397	369	392	439	412
1971.....	406	438	433	462	498	415	470	458	467	461	421	474
1972.....	529	467	490	438	469	505	474	479	513	543	513	467
1973.....	467	487	483	474	455	498	494	490	526	446	491	490
1974.....	504	472	446	444	510	462	547	479	496	580	599	636
1975.....	650	664	702	687	717	686	645	716	741	720	689	690
1976.....	701	736	689	719	665	698	720	757	711	714	718	718
1977.....	711	753	741	768	734	772	731	785	785	765	857	796
1978.....	788	730	814	741	788	806	849	768	751	739	765	748
1979.....	756	781	717	797	774	772	731	772	735	772	727	765
1980.....	778	750	772	812	888	819	881	814	796	883	889	889
1981.....	829	868	940	890	896	916	904	956	982	1,026	987	995
UNEMPLOYED - BLACK AND OTHER FEMALES 16-19 YEARS												
1970.....	122	112	101	115	110	130	114	127	117	129	154	119
1971.....	107	106	121	120	113	110	130	127	118	117	112	148
1972.....	144	140	144	139	116	138	146	137	141	147	153	142
1973.....	125	150	130	143	129	155	145	147	180	125	130	129
1974.....	138	130	131	124	162	137	190	125	124	165	160	162
1975.....	174	186	184	174	178	149	158	165	184	173	174	189
1976.....	175	164	180	191	175	163	166	197	156	158	167	145
1977.....	166	151	157	166	147	197	181	191	191	186	193	194
1978.....	201	194	198	183	194	213	222	196	186	185	183	187
1979.....	167	189	156	213	212	177	164	178	173	196	175	189
1980.....	189	213	175	161	193	175	198	168	187	162	168	167
1981.....	166	161	193	170	160	175	163	182	178	231	199	187
UNEMPLOYED - BLACK AND OTHER FEMALES 20 YEARS AND OVER												
1970.....	196	220	241	261	256	258	246	270	252	263	285	293
1971.....	299	332	312	342	385	305	340	331	349	344	309	326
1972.....	385	327	346	299	353	367	328	342	372	396	360	325
1973.....	342	337	353	331	326	343	349	343	346	321	361	361
1974.....	366	342	315	320	348	325	357	354	372	415	439	474
1975.....	476	478	518	513	539	537	487	551	557	547	515	501
1976.....	526	572	509	528	490	535	554	560	555	556	551	573
1977.....	545	602	584	602	587	575	550	594	594	579	664	602
1978.....	587	536	616	558	594	593	627	572	565	554	582	561
1979.....	589	592	561	584	562	595	567	594	562	576	552	576
1980.....	589	537	597	651	695	644	683	646	609	721	721	722
1981.....	663	707	747	720	736	741	741	774	804	795	788	808
UNEMPLOYED - BLACK WORKERS												
1972.....	951	935	903	852	897	901	917	931	913	929	886	832
1973.....	786	942	924	891	858	875	899	834	881	808	849	823
1974.....	873	875	876	865	897	926	954	911	1,003	1,069	1,147	1,204
1975.....	1,294	1,303	1,382	1,406	1,401	1,394	1,307	1,417	1,442	1,386	1,358	1,359
1976.....	1,340	1,358	1,279	1,324	1,255	1,361	1,330	1,378	1,306	1,332	1,356	1,384
1977.....	1,332	1,391	1,355	1,251	1,334	1,389	1,376	1,516	1,449	1,454	1,483	1,402
1978.....	1,430	1,341	1,353	1,327	1,349	1,333	1,356	1,280	1,263	1,242	1,344	1,315
1979.....	1,298	1,421	1,321	1,357	1,313	1,300	1,292	1,320	1,271	1,335	1,271	1,318
1980.....	1,389	1,381	1,370	1,479	1,579	1,581	1,672	1,600	1,649	1,665	1,656	1,651
1981.....	1,570	1,601	1,653	1,638	1,666	1,723	1,633	1,802	1,815	1,875	1,886	1,947
UNEMPLOYED - BLACK MALES 16-19 YEARS												
1972.....	137	160	130	140	155	125	126	152	132	145	156	157
1973.....	107	218	203	148	148	131	148	113	137	132	133	135
1974.....	140	130	162	140	132	168	167	151	182	164	185	179
1975.....	194	155	169	189	173	188	158	184	161	174	144	153
1976.....	159	152	149	170	184	183	148	187	184	183	166	173
1977.....	161	171	176	143	180	186	210	233	181	192	206	193
1978.....	192	191	201	187	193	167	179	165	170	150	192	169
1979.....	167	185	175	169	160	170	158	155	155	162	156	155
1980.....	162	165	158	143	174	173	188	181	208	201	187	206
1981.....	217	182	163	206	184	180	183	223	172	180	186	179

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IN THOUSANDS	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
UNEMPLOYED - BLACK FEMALES 16-19 YEARS												
1972.....	141	137	138	136	112	141	138	140	133	142	140	140
1973.....	119	139	125	139	122	146	142	136	166	120	127	129
1974.....	132	127	129	121	155	132	176	113	122	155	152	151
1975.....	164	167	170	162	162	139	138	154	174	162	157	170
1976.....	160	155	172	177	161	153	155	183	144	146	162	142
1977.....	162	147	145	156	135	195	171	174	188	173	179	183
1978.....	186	177	183	172	178	198	193	180	166	169	171	177
1979.....	150	173	143	199	190	169	158	170	164	183	162	169
1980.....	174	187	163	146	175	164	179	153	169	152	151	156
1981.....	155	149	185	159	147	161	141	175	172	217	189	176
UNEMPLOYED - BLACK MALES 20 YEARS AND OVER												
1972.....	304	327	303	290	306	287	341	316	309	289	275	261
1973.....	249	256	270	278	286	270	288	275	265	271	261	236
1974.....	289	316	311	304	302	326	282	330	357	382	409	452
1975.....	505	524	563	583	573	594	572	579	616	570	596	590
1976.....	547	546	511	507	480	546	533	509	503	517	562	551
1977.....	513	506	504	423	512	500	507	583	546	561	516	486
1978.....	532	479	453	471	453	439	434	438	425	439	474	472
1979.....	457	496	499	472	459	441	468	464	450	483	474	503
1980.....	553	536	525	619	638	678	711	700	744	672	666	628
1981.....	593	616	630	629	684	715	657	713	767	778	818	877
UNEMPLOYED - BLACK FEMALES 20 YEARS AND OVER												
1972.....	329	311	332	286	324	348	312	323	339	353	315	274
1973.....	311	329	326	326	302	328	321	310	313	285	328	323
1974.....	312	302	274	300	308	300	329	317	342	368	401	422
1975.....	431	457	480	472	493	473	439	500	491	480	461	446
1976.....	474	505	447	470	430	479	494	499	475	486	466	494
1977.....	496	567	530	529	507	508	488	528	538	528	582	540
1978.....	520	494	516	497	525	529	550	497	502	484	507	497
1979.....	524	567	504	517	504	520	508	531	502	507	479	491
1980.....	500	493	524	571	592	566	594	566	528	640	652	661
1981.....	605	654	675	644	651	667	652	691	704	700	693	715
UNEMPLOYED - MARRIED WORKERS, SPOUSE PRESENT												
1970.....	1,414	1,583	1,772	1,760	1,844	1,865	1,988	2,001	2,098	2,150	2,299	2,329
1971.....	2,365	2,323	2,347	2,325	2,311	2,277	2,265	2,333	2,339	2,255	2,417	2,315
1972.....	2,239	2,157	2,154	2,173	2,197	2,194	2,194	2,137	2,134	2,138	1,986	1,950
1973.....	1,933	1,913	1,887	1,861	1,843	1,824	1,792	1,879	1,799	1,743	1,839	1,889
1974.....	1,937	2,011	1,907	1,895	1,853	2,024	2,143	2,230	2,363	2,336	2,725	3,021
1975.....	3,579	3,580	3,636	4,091	4,196	3,984	3,814	3,715	3,769	3,701	3,549	3,489
1976.....	3,321	3,264	3,188	3,161	3,153	3,318	3,391	3,333	3,370	3,301	3,316	3,243
1977.....	3,111	3,226	3,134	3,045	2,932	2,910	2,837	2,807	2,777	2,860	2,809	2,711
1978.....	2,606	2,471	2,440	2,338	2,512	2,401	2,374	2,401	2,426	2,310	2,341	2,439
1979.....	2,392	2,406	2,372	2,377	2,195	2,308	2,313	2,490	2,383	2,489	2,440	2,501
1980.....	2,707	2,685	2,734	3,083	3,342	3,406	3,543	3,518	3,372	3,377	3,259	3,195
1981.....	3,243	3,141	3,175	3,152	3,123	3,171	3,057	3,006	3,291	3,504	3,752	3,985
UNEMPLOYED - MARRIED MEN, SPOUSE PRESENT												
1970.....	723	799	876	906	959	990	1,058	1,096	1,119	1,179	1,261	1,316
1971.....	1,294	1,262	1,238	1,210	1,251	1,214	1,235	1,281	1,287	1,179	1,329	1,274
1972.....	1,192	1,129	1,105	1,119	1,109	1,127	1,102	1,057	1,110	1,129	1,012	975
1973.....	976	965	973	943	912	883	851	872	855	869	898	916
1974.....	957	980	938	959	889	1,021	1,072	1,115	1,137	1,216	1,355	1,534
1975.....	1,850	1,889	2,038	2,205	2,321	2,233	2,173	2,087	2,139	2,083	1,970	1,891
1976.....	1,744	1,683	1,680	1,643	1,643	1,757	1,754	1,670	1,766	1,704	1,745	1,701
1977.....	1,635	1,661	1,547	1,506	1,465	1,395	1,366	1,363	1,313	1,443	1,339	1,314
1978.....	1,261	1,203	1,238	1,147	1,142	1,111	1,066	1,083	1,080	1,066	1,010	1,099
1979.....	1,104	1,126	1,086	1,128	989	1,073	1,124	1,176	1,169	1,201	1,240	1,222
1980.....	1,417	1,323	1,407	1,670	1,824	1,894	1,991	1,974	1,923	1,876	1,797	1,737
1981.....	1,711	1,668	1,672	1,558	1,632	1,723	1,601	1,620	1,765	1,945	2,098	2,306
UNEMPLOYED - MARRIED WOMEN, SPOUSE PRESENT												
1970.....	691	784	896	854	885	875	930	905	975	971	1,038	1,054
1971.....	1,071	1,061	1,109	1,115	1,060	1,063	1,038	1,052	1,052	1,076	1,088	1,041
1972.....	1,027	1,028	1,049	1,054	1,088	1,067	1,092	1,080	1,024	1,009	974	975
1973.....	957	948	914	918	931	941	941	1,007	944	874	941	972
1974.....	980	1,031	969	936	964	1,003	1,071	1,115	1,226	1,120	1,370	1,487
1975.....	1,729	1,691	1,802	1,876	1,875	1,751	1,641	1,628	1,630	1,618	1,579	1,558
1976.....	1,577	1,581	1,508	1,518	1,510	1,561	1,637	1,663	1,604	1,597	1,571	1,542
1977.....	1,476	1,565	1,587	1,539	1,467	1,515	1,471	1,444	1,464	1,417	1,470	1,394
1978.....	1,345	1,268	1,242	1,191	1,370	1,290	1,308	1,318	1,346	1,244	1,331	1,340
1979.....	1,288	1,280	1,286	1,249	1,206	1,235	1,189	1,314	1,214	1,288	1,200	1,279
1980.....	1,290	1,362	1,327	1,413	1,518	1,512	1,552	1,544	1,449	1,501	1,462	1,458
1981.....	1,532	1,673	1,503	1,494	1,491	1,485	1,456	1,386	1,506	1,559	1,654	1,679

HOUSEHOLD DATA
SEASONALLY ADJUSTED

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
IN THOUSANDS												
UNEMPLOYED - WOMEN WHO MAINTAIN FAMILIES												
1970.....	133	137	158	110	145	142	175	179	164	198	196	191
1971.....	200	231	220	227	251	232	232	238	249	233	240	281
1972.....	236	227	231	239	238	264	252	251	255	293	226	216
1973.....	243	230	247	247	231	279	245	229	241	252	291	255
1974.....	242	234	238	248	268	255	241	252	285	277	330	325
1975.....	351	380	390	375	421	408	421	406	394	426	407	427
1976.....	441	429	401	407	383	404	429	448	449	454	424	452
1977.....	417	413	423	409	392	421	409	447	483	432	437	378
1978.....	391	370	422	483	449	431	485	410	416	375	390	395
1979.....	391	422	416	406	436	462	416	419	416	432	437	439
1980.....	471	445	458	474	432	446	460	496	482	543	523	550
1981.....	558	533	529	557	578	601	627	562	601	598	613	594
UNEMPLOYED - FULL-TIME WORKERS												
1970.....	2,427	2,663	2,787	2,938	3,158	3,193	3,304	3,356	3,487	3,656	3,911	4,032
1971.....	3,902	3,868	3,884	3,857	3,981	3,928	4,007	4,060	4,068	3,971	4,102	4,091
1972.....	3,933	3,843	3,894	3,858	3,954	3,837	3,910	3,871	3,756	3,832	3,474	3,420
1973.....	3,402	3,441	3,393	3,385	3,324	3,253	3,253	3,280	3,303	3,175	3,391	3,422
1974.....	3,567	3,607	3,563	3,628	3,653	3,750	3,928	3,889	4,248	4,430	4,851	5,272
1975.....	6,059	6,124	6,493	6,798	7,078	6,772	6,721	6,420	6,666	6,605	6,426	6,276
1976.....	6,045	5,858	5,849	5,864	5,724	5,995	5,945	5,998	6,056	6,060	6,107	6,146
1977.....	5,792	5,867	5,742	5,626	5,539	5,585	5,458	5,534	5,362	5,398	5,331	5,052
1978.....	5,118	5,005	4,953	4,766	4,819	4,671	4,965	4,733	4,768	4,606	4,650	4,810
1979.....	4,702	4,804	4,726	4,763	4,511	4,613	4,694	4,878	4,854	4,943	4,955	5,021
1980.....	5,276	5,241	5,397	5,987	6,568	6,666	6,908	6,833	6,732	6,709	6,747	6,617
1981.....	6,611	6,537	6,553	6,442	6,631	6,577	6,365	6,400	6,757	7,204	7,545	8,127
UNEMPLOYED - FULL-TIME WORKERS 16-19 YEARS												
1970.....	517	537	562	604	612	677	624	657	654	668	723	682
1971.....	687	676	696	660	710	729	816	721	691	715	741	761
1972.....	753	781	762	772	718	719	714	768	717	697	681	734
1973.....	664	711	685	703	679	573	666	642	703	704	776	739
1974.....	763	750	762	733	761	793	858	763	896	910	936	904
1975.....	1,036	1,011	1,051	1,062	1,130	1,130	1,113	1,080	1,035	1,031	977	1,035
1976.....	1,033	976	1,017	1,082	1,002	980	885	1,046	997	1,017	964	991
1977.....	959	978	942	957	928	990	930	951	905	889	914	884
1978.....	872	901	891	856	866	776	940	855	879	874	877	885
1979.....	848	861	854	882	827	795	826	862	929	889	874	897
1980.....	884	905	889	849	1,080	1,011	1,047	1,001	983	972	1,013	962
1981.....	1,023	988	1,016	988	1,021	972	948	911	1,008	1,044	1,057	1,109
UNEMPLOYED - FULL-TIME WORKERS, MALES 20 YEARS AND OVER												
1970.....	1,076	1,221	1,254	1,343	1,425	1,488	1,586	1,601	1,698	1,800	1,878	2,027
1971.....	1,906	1,890	1,857	1,865	1,901	1,909	1,919	2,023	2,009	1,954	2,012	2,019
1972.....	1,873	1,802	1,827	1,826	1,817	1,789	1,806	1,753	1,750	1,826	1,618	1,575
1973.....	1,538	1,542	1,542	1,494	1,520	1,476	1,407	1,431	1,399	1,370	1,412	1,449
1974.....	1,558	1,605	1,567	1,650	1,585	1,630	1,696	1,782	1,847	2,042	2,181	2,505
1975.....	2,892	2,953	3,195	3,402	3,482	3,417	3,404	3,245	3,473	3,369	3,277	3,112
1976.....	2,881	2,754	2,749	2,737	2,730	2,949	2,933	2,836	2,955	2,922	3,013	3,003
1977.....	2,775	2,833	2,699	2,600	2,579	2,555	2,512	2,513	2,390	2,515	2,365	2,275
1978.....	2,307	2,278	2,240	2,129	2,097	2,035	2,047	2,051	2,051	2,073	2,025	2,146
1979.....	2,114	2,093	2,083	2,076	1,936	2,019	2,102	2,149	2,150	2,245	2,305	2,318
1980.....	2,528	2,482	2,652	3,093	3,298	3,463	3,594	3,570	3,616	3,436	3,416	3,326
1981.....	3,257	3,224	3,223	3,155	3,229	3,342	3,095	3,228	3,342	3,644	3,872	4,296
UNEMPLOYED - FULL-TIME WORKERS, FEMALES 20 YEARS AND OVER												
1970.....	834	905	971	991	1,121	1,028	1,094	1,098	1,135	1,188	1,310	1,323
1971.....	1,309	1,302	1,331	1,332	1,370	1,290	1,272	1,316	1,368	1,302	1,349	1,311
1972.....	1,307	1,260	1,305	1,260	1,419	1,329	1,390	1,350	1,289	1,309	1,175	1,111
1973.....	1,200	1,188	1,166	1,188	1,125	1,204	1,180	1,207	1,201	1,101	1,203	1,234
1974.....	1,258	1,252	1,238	1,245	1,307	1,327	1,374	1,344	1,505	1,478	1,734	1,863
1975.....	2,131	2,160	2,247	2,334	2,466	2,225	2,204	2,095	2,158	2,205	2,172	2,129
1976.....	2,131	2,124	2,083	2,045	1,992	2,066	2,127	2,116	2,104	2,121	2,130	2,152
1977.....	2,058	2,056	2,101	2,069	2,032	2,040	2,016	2,070	2,067	1,994	2,052	1,933
1978.....	1,939	1,826	1,822	1,781	1,856	1,860	1,978	1,827	1,838	1,659	1,748	1,779
1979.....	1,740	1,850	1,789	1,805	1,748	1,799	1,766	1,867	1,775	1,809	1,776	1,806
1980.....	1,864	1,854	1,856	2,045	2,190	2,192	2,267	2,262	2,133	2,301	2,318	2,329
1981.....	2,331	2,325	2,314	2,299	2,381	2,263	2,322	2,261	2,407	2,516	2,616	2,722
UNEMPLOYED - PART-TIME WORKERS												
1970.....	776	766	835	841	787	857	894	900	962	985	1,012	1,044
1971.....	1,080	1,005	1,076	1,094	1,054	990	1,050	1,078	998	1,057	1,069	1,043
1972.....	1,074	1,048	1,113	1,116	1,008	1,064	1,022	1,071	1,100	1,120	1,118	1,089
1973.....	905	975	971	1,098	1,055	1,093	1,081	1,022	1,055	1,025	998	1,025
1974.....	1,048	1,089	1,048	1,012	1,112	1,155	1,154	1,121	1,230	1,187	1,277	1,309
1975.....	1,387	1,353	1,427	1,409	1,427	1,417	1,415	1,475	1,405	1,432	1,377	1,421
1976.....	1,431	1,442	1,352	1,471	1,388	1,305	1,568	1,478	1,422	1,450	1,486	1,375
1977.....	1,448	1,565	1,558	1,427	1,404	1,550	1,385	1,350	1,452	1,404	1,454	1,319
1978.....	1,347	1,305	1,401	1,420	1,346	1,331	1,364	1,307	1,380	1,347	1,396	1,434
1979.....	1,390	1,358	1,397	1,312	1,375	1,317	1,305	1,392	1,335	1,352	1,297	1,383
1980.....	1,378	1,405	1,329	1,387	1,391	1,381	1,408	1,357	1,348	1,427	1,351	1,271
1981.....	1,417	1,433	1,432	1,461	1,518	1,462	1,471	1,546	1,502	1,492	1,596	1,417

IN THOUSANDS	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
UNEMPLOYED - PART-TIME WORKERS 16-19 YEARS												
1970	460	389	403	459	415	467	458	481	532	556	561	590
1971	575	493	546	559	535	519	550	557	548	555	556	585
1972	585	616	615	569	503	534	553	587	592	575	613	552
1973	435	532	515	632	580	598	549	535	565	558	547	583
1974	539	557	559	538	591	639	638	529	648	638	665	703
1975	717	693	716	709	693	690	717	735	711	723	699	719
1976	723	733	692	717	695	663	792	737	685	701	774	727
1977	748	714	797	719	723	795	710	693	788	733	731	616
1978	704	723	756	732	689	696	686	684	722	693	703	734
1979	712	706	701	700	723	690	683	684	679	690	659	680
1980	681	668	653	663	706	728	770	734	707	743	709	661
1981	729	784	750	775	760	725	702	758	749	759	850	723
UNEMPLOYED - PART-TIME WORKERS, MALES 20 YEARS AND OVER												
1970	109	117	123	129	124	128	142	153	144	148	157	169
1971	184	172	185	165	183	140	157	142	158	159	160	157
1972	178	170	186	186	178	196	160	161	159	168	162	156
1973	127	126	127	178	144	159	173	165	167	153	135	164
1974	171	171	142	142	148	182	155	198	181	175	184	201
1975	185	200	220	217	273	221	232	231	241	242	235	218
1976	233	230	227	263	226	235	226	221	212	227	221	220
1977	240	255	221	222	247	229	201	215	191	205	210	234
1978	210	165	223	208	179	179	194	180	195	176	188	207
1979	162	164	188	176	169	181	193	199	192	189	162	183
1980	192	188	180	193	209	200	186	170	182	199	192	153
1981	209	200	197	190	244	176	222	258	240	227	244	243
UNEMPLOYED - PART-TIME WORKERS, FEMALES 20 YEARS AND OVER												
1970	207	260	309	253	248	262	294	266	286	281	294	285
1971	321	340	345	370	336	331	343	379	288	343	353	341
1972	311	262	312	361	327	334	309	323	349	377	343	381
1973	343	317	329	288	331	336	359	322	323	314	316	318
1974	338	361	367	332	373	334	361	394	401	374	428	405
1975	485	460	491	483	461	506	466	509	453	467	443	484
1976	475	479	433	491	467	407	550	520	525	522	491	428
1977	460	596	540	486	434	526	474	442	473	466	513	469
1978	433	417	422	480	478	456	484	483	483	478	505	493
1979	516	488	508	436	483	446	429	509	484	473	476	520
1980	505	549	496	531	476	453	452	453	459	485	450	457
1981	479	449	485	496	514	561	547	530	513	506	502	451
UNEMPLOYED - JOB LOSERS												
1970	1,285	1,403	1,511	1,602	1,829	1,805	1,859	1,944	2,078	2,233	2,341	2,396
1971	2,331	2,333	2,236	2,321	2,344	2,283	2,331	2,416	2,358	2,270	2,376	2,300
1972	2,236	2,117	2,137	2,055	2,222	2,149	2,170	2,224	2,120	2,021	1,918	1,886
1973	1,791	1,733	1,678	1,663	1,633	1,707	1,631	1,661	1,686	1,510	1,736	1,835
1974	2,040	2,039	1,985	1,993	1,927	1,986	2,090	2,118	2,326	2,406	2,896	3,261
1975	3,934	4,049	4,335	4,590	4,879	4,812	4,623	4,483	4,668	4,359	4,213	3,957
1976	3,749	3,588	3,648	3,658	3,580	3,726	3,755	3,671	3,649	3,604	3,685	3,745
1977	3,355	3,547	3,353	3,166	3,108	3,082	3,051	3,154	3,078	2,997	2,990	2,793
1978	2,808	2,686	2,662	2,618	2,591	2,947	2,554	2,504	2,421	2,509	2,465	2,573
1979	2,569	2,621	2,581	2,605	2,327	2,417	2,534	2,747	2,660	2,822	2,863	2,870
1980	3,155	3,098	3,217	3,706	4,132	4,443	4,531	4,436	4,434	4,326	4,288	4,229
1981	3,982	4,350	3,989	3,958	4,032	4,173	3,867	4,106	4,428	4,573	4,905	5,383
UNEMPLOYED - JOB LOSERS ON LAYOFF												
1970	448	521	581	616	673	693	734	671	829	886	900	865
1971	771	749	729	739	712	674	672	763	825	724	739	733
1972	656	608	591	584	584	617	638	569	560	524	524	488
1973	485	493	471	460	522	434	429	485	430	374	511	531
1974	628	700	667	637	580	631	676	661	753	791	1,059	1,265
1975	1,480	1,620	1,775	1,936	2,016	2,023	1,748	1,617	1,718	1,599	1,382	1,309
1976	1,010	1,026	1,015	1,087	1,048	1,059	1,096	1,072	1,113	992	1,019	1,079
1977	836	1,027	938	850	814	847	860	895	828	851	771	730
1978	775	743	705	651	686	619	687	708	695	649	763	768
1979	803	835	811	867	682	754	767	951	844	918	1,024	991
1980	1,105	1,122	1,156	1,446	1,756	1,872	1,879	1,765	1,761	1,683	1,452	1,446
1981	1,305	1,312	1,323	1,303	1,357	1,302	1,225	1,276	1,452	1,631	1,826	2,042
UNEMPLOYED - JOB LOSERS NOT ON LAYOFF												
1970	797	882	930	986	1,156	1,112	1,125	1,273	1,249	1,347	1,441	1,531
1971	1,560	1,584	1,507	1,582	1,632	1,609	1,659	1,653	1,533	1,546	1,637	1,567
1972	1,582	1,509	1,546	1,471	1,638	1,532	1,532	1,655	1,560	1,497	1,394	1,398
1973	1,306	1,240	1,207	1,203	1,111	1,273	1,202	1,176	1,256	1,136	1,225	1,288
1974	1,412	1,339	1,318	1,356	1,347	1,355	1,414	1,457	1,573	1,615	1,835	1,996
1975	2,454	2,429	2,560	2,654	2,863	2,789	2,883	2,866	2,950	2,760	2,831	2,648
1976	2,739	2,562	2,629	2,571	2,532	2,667	2,661	2,599	2,536	2,612	2,666	2,666
1977	2,519	2,520	2,415	2,316	2,290	2,235	2,191	2,259	2,250	2,186	2,219	2,063
1978	2,033	1,943	1,957	1,967	1,905	1,828	1,867	1,800	1,726	1,860	1,702	1,805
1979	1,766	1,786	1,770	1,738	1,645	1,663	1,767	1,796	1,816	1,904	1,839	1,883
1980	2,050	1,976	2,061	2,260	2,376	2,571	2,652	2,671	2,673	2,643	2,836	2,783
1981	2,677	2,738	2,666	2,655	2,675	2,871	2,642	2,830	2,974	2,942	3,079	3,301

HOUSEHOLD DATA
SEASONALLY ADJUSTED

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
IN THOUSANDS												
UNEMPLOYED - JOB LEAVERS												
1970.....	462	468	469	548	522	571	606	571	566	615	600	587
1971.....	642	636	577	601	607	494	530	584	608	561	621	628
1972.....	581	603	649	610	654	625	649	670	668	689	636	644
1973.....	582	672	696	674	638	690	679	656	687	666	795	761
1974.....	752	770	728	750	699	766	769	786	761	837	781	796
1975.....	778	769	811	840	869	799	822	788	838	830	896	891
1976.....	859	886	786	875	871	897	972	995	949	957	890	871
1977.....	949	902	939	892	902	954	857	901	894	914	913	910
1978.....	873	930	892	903	794	862	887	848	885	841	847	945
1979.....	941	866	909	874	895	875	872	900	860	859	868	845
1980.....	820	858	839	955	930	919	890	930	885	888	928	850
1981.....	923	911	901	903	1,004	896	926	879	921	976	916	923
UNEMPLOYED - REENTRANTS												
1970.....	1,031	1,109	1,165	1,182	1,133	1,197	1,259	1,263	1,311	1,236	1,406	1,463
1971.....	1,405	1,321	1,505	1,442	1,470	1,512	1,516	1,499	1,510	1,487	1,529	1,471
1972.....	1,563	1,511	1,545	1,537	1,393	1,392	1,456	1,421	1,426	1,492	1,413	1,337
1973.....	1,379	1,398	1,347	1,487	1,421	1,250	1,336	1,382	1,318	1,278	1,259	1,273
1974.....	1,225	1,268	1,256	1,300	1,479	1,459	1,513	1,494	1,649	1,478	1,703	1,756
1975.....	1,879	1,709	1,897	1,937	1,993	1,925	1,872	1,922	1,861	1,930	1,836	1,972
1976.....	1,952	1,900	1,862	1,860	1,791	1,876	1,945	1,994	1,963	1,944	2,077	1,963
1977.....	2,016	2,017	1,999	2,012	2,006	1,979	1,901	1,919	1,921	1,927	1,958	1,906
1978.....	1,865	1,853	1,901	1,745	1,804	1,843	1,936	1,789	1,989	1,727	1,848	1,990
1979.....	1,756	1,819	1,805	1,777	1,754	1,817	1,805	1,862	1,865	1,783	1,767	1,875
1980.....	1,828	1,843	1,843	1,953	1,973	1,902	1,935	1,979	1,946	2,047	1,952	1,940
1981.....	2,051	2,020	2,069	2,044	2,106	2,039	2,078	2,034	2,058	2,178	2,339	2,244
UNEMPLOYED - NEW ENTRANTS												
1970.....	474	476	464	494	450	505	438	507	537	547	590	572
1971.....	578	573	612	612	632	604	649	684	605	657	655	697
1972.....	659	675	675	808	699	715	638	668	656	646	646	646
1973.....	639	664	684	692	674	686	651	608	642	617	609	618
1974.....	654	626	640	591	636	672	688	632	730	776	780	762
1975.....	788	816	769	771	829	756	845	877	824	877	851	888
1976.....	888	868	858	900	856	857	806	914	949	962	936	979
1977.....	929	956	1,001	978	881	1,112	991	959	964	903	919	853
1978.....	933	881	919	911	883	838	908	916	940	851	887	858
1979.....	841	874	826	812	829	809	741	770	836	825	752	894
1980.....	828	841	820	755	869	889	953	898	890	904	920	886
1981.....	1,015	943	988	988	956	973	940	971	977	1,002	996	1,021
UNEMPLOYED - LESS THAN 5 WEEKS												
1970.....	1,800	1,953	1,978	2,139	2,109	2,100	2,132	2,182	2,235	2,386	2,338	2,389
1971.....	2,302	2,178	2,144	2,206	2,229	2,180	2,210	2,337	2,101	2,222	2,304	2,320
1972.....	2,324	2,111	2,303	2,229	2,192	2,279	2,248	2,285	2,353	2,351	2,191	2,003
1973.....	2,035	2,259	2,136	2,260	2,223	2,322	2,271	2,290	2,211	2,063	2,288	2,332
1974.....	2,400	2,432	2,413	2,337	2,457	2,497	2,526	2,609	2,723	2,723	3,052	3,125
1975.....	3,293	2,947	3,193	2,915	3,051	2,872	2,882	2,808	2,878	2,982	2,718	2,762
1976.....	2,749	2,799	2,628	2,938	2,795	2,787	2,965	2,893	2,910	2,945	2,826	2,921
1977.....	2,894	3,015	2,993	3,015	2,754	3,138	2,859	2,896	2,883	2,883	2,924	2,729
1978.....	2,823	2,763	2,870	2,751	2,866	2,788	3,069	2,857	2,943	2,790	2,908	2,972
1979.....	2,791	2,892	2,836	2,935	2,761	2,937	2,889	3,291	2,961	3,053	3,049	3,036
1980.....	3,206	3,121	3,069	3,373	3,732	3,388	3,457	3,422	3,175	3,265	3,176	3,148
1981.....	3,290	3,267	3,277	3,189	3,378	3,303	3,323	3,326	3,529	3,707	3,852	4,037
UNEMPLOYED - 5-14 WEEKS												
1970.....	933	1,048	1,133	1,106	1,241	1,290	1,329	1,348	1,448	1,470	1,713	1,586
1971.....	1,626	1,633	1,637	1,575	1,566	1,606	1,549	1,568	1,568	1,546	1,629	1,518
1972.....	1,489	1,470	1,418	1,500	1,534	1,489	1,515	1,581	1,390	1,472	1,386	1,460
1973.....	1,344	1,263	1,340	1,474	1,320	1,248	1,314	1,260	1,346	1,321	1,256	1,310
1974.....	1,404	1,426	1,403	1,456	1,409	1,517	1,602	1,583	1,680	1,770	1,918	2,151
1975.....	2,648	2,616	2,630	2,719	2,692	2,526	2,268	2,371	2,357	2,392	2,345	2,191
1976.....	2,154	1,980	1,995	2,011	2,049	2,281	2,181	2,323	2,329	2,285	2,449	2,304
1977.....	2,206	2,240	2,213	1,994	2,170	2,078	2,060	2,207	2,125	2,127	2,080	1,981
1978.....	1,988	1,942	1,986	1,889	1,829	1,949	1,880	1,964	1,891	1,835	1,888	2,003
1979.....	1,999	1,959	1,929	1,911	1,902	1,916	1,941	1,820	2,072	2,021	1,923	2,039
1980.....	2,053	2,181	2,255	2,399	2,620	2,888	2,748	2,654	2,654	2,562	2,555	2,247
1981.....	2,324	2,379	2,408	2,472	2,606	2,423	2,312	2,469	2,585	2,686	2,882	3,016
UNEMPLOYED - 15 WEEKS AND OVER												
1970.....	431	470	534	602	591	657	662	705	788	771	871	1,102
1971.....	1,113	1,068	1,098	1,149	1,173	1,167	1,251	1,261	1,239	1,268	1,277	1,283
1972.....	1,257	1,292	1,232	1,203	1,168	1,141	1,158	1,156	1,131	1,123	1,040	1,006
1973.....	947	894	889	809	816	779	756	788	785	793	832	767
1974.....	799	829	849	889	880	926	924	960	1,021	1,072	1,128	1,326
1975.....	1,555	1,841	2,074	2,442	2,643	2,843	2,943	2,862	2,906	2,689	2,789	2,868
1976.....	2,713	2,519	2,441	2,210	2,115	2,332	2,316	2,378	2,296	2,292	2,354	2,375
1977.....	2,200	2,174	2,057	1,936	1,928	1,918	1,907	1,836	1,853	1,789	1,804	1,717
1978.....	1,642	1,583	1,528	1,493	1,422	1,364	1,376	1,245	1,309	1,319	1,241	1,264
1979.....	1,249	1,294	1,363	1,256	1,240	1,201	1,121	1,199	1,168	1,217	1,239	1,278
1980.....	1,352	1,452	1,667	1,743	1,826	1,998	2,149	2,296	2,300	2,341	2,401	
1981.....	2,391	2,322	2,269	2,187	2,231	2,363	2,170	2,217	2,248	2,292	2,364	2,372

NUMBERS IN THOUSANDS	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
UNEMPLOYED - 15-26 WEEKS												
1970	288	309	353	400	360	433	428	454	507	512	539	719
1971	683	620	645	695	665	626	684	711	676	677	698	700
1972	664	641	600	530	588	591	635	619	583	601	570	551
1973	537	522	501	469	467	454	474	454	490	457	482	439
1974	467	495	519	535	524	559	537	572	630	674	698	788
1975	930	1,124	1,305	1,478	1,554	1,538	1,542	1,390	1,308	1,241	1,144	1,282
1976	1,132	986	981	801	896	979	1,066	1,098	1,092	1,061	1,076	1,041
1977	989	969	894	816	859	892	934	938	914	876	908	859
1978	829	912	815	812	728	723	717	634	685	723	708	759
1979	717	739	772	704	718	677	653	667	639	689	690	735
1980	803	841	832	972	1,017	1,048	1,118	1,232	1,338	1,244	1,211	1,249
1981	1,123	1,072	1,057	1,048	1,061	1,227	1,096	1,078	1,146	1,166	1,229	1,189
UNEMPLOYED - 27 WEEKS AND OVER												
1970	143	161	181	202	231	224	234	251	281	259	332	383
1971	430	448	453	454	508	541	567	550	563	591	581	583
1972	593	651	632	673	580	550	519	537	548	522	470	455
1973	410	372	388	340	349	325	282	334	295	336	350	328
1974	332	334	330	354	356	367	387	388	391	398	430	538
1975	625	717	769	964	1,089	1,305	1,401	1,472	1,598	1,448	1,645	1,586
1976	1,581	1,533	1,460	1,409	1,219	1,353	1,250	1,280	1,204	1,231	1,278	1,334
1977	1,211	1,205	1,163	1,120	1,069	1,026	973	898	939	913	896	858
1978	813	671	713	681	694	641	659	611	624	596	533	505
1979	532	555	591	552	522	524	468	532	529	528	549	543
1980	549	511	620	695	726	778	876	917	958	1,056	1,130	1,152
1981	1,268	1,250	1,212	1,139	1,170	1,136	1,074	1,139	1,102	1,126	1,135	1,183
UNEMPLOYED - 15 WEEKS AND OVER AS A PERCENT OF THE CIVILIAN LABOR FORCE												
1970	.5	.6	.6	.7	.7	.8	.8	.9	.9	.9	1.0	1.3
1971	1.3	1.3	1.3	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5
1972	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.1
1973	1.1	1.0	1.0	.9	.9	.9	.8	.9	.9	.9	.9	.8
1974	.9	.9	.9	1.0	1.0	1.0	1.0	1.0	1.1	1.2	1.2	1.4
1975	1.7	2.0	2.2	2.6	2.8	3.0	3.1	3.0	3.1	2.9	3.0	3.0
1976	2.9	2.7	2.6	2.3	2.2	2.4	2.4	2.5	2.4	2.4	2.4	2.4
1977	2.3	2.2	2.1	2.0	2.0	1.9	1.9	1.8	1.9	1.8	1.8	1.7
1978	1.6	1.6	1.5	1.5	1.4	1.3	1.3	1.2	1.3	1.3	1.2	1.2
1979	1.2	1.2	1.3	1.2	1.2	1.1	1.1	1.1	1.1	1.2	1.2	1.2
1980	1.3	1.3	1.4	1.6	1.6	1.7	1.9	2.0	2.1	2.1	2.2	2.2
1981	2.2	2.1	2.1	2.0	2.0	2.2	2.0	2.0	2.1	2.1	2.2	2.2
UNEMPLOYED - AVERAGE DURATION OF UNEMPLOYMENT: WEEKS												
1970	7.9	8.0	8.3	8.2	8.6	8.6	8.9	8.8	8.9	8.7	9.3	9.8
1971	10.5	10.4	10.6	10.9	11.2	11.6	11.5	11.5	11.9	12.6	12.0	11.5
1972	12.1	12.4	12.3	12.4	12.3	12.4	11.8	11.8	12.1	11.7	11.4	11.4
1973	11.0	10.5	10.6	10.0	10.1	9.6	9.6	9.8	9.4	10.2	9.9	9.5
1974	9.5	9.6	9.7	9.8	9.6	9.7	9.9	9.8	9.6	9.9	9.6	10.1
1975	10.7	11.7	11.8	12.9	13.4	15.3	15.0	15.6	16.1	15.4	16.6	16.5
1976	16.6	16.3	16.5	15.9	15.0	16.9	15.7	15.6	15.2	15.2	15.3	15.1
1977	15.2	14.7	14.5	14.4	14.9	14.4	14.3	13.9	14.0	13.7	13.6	13.6
1978	12.9	12.5	12.4	12.3	12.1	12.1	12.1	11.4	11.5	11.7	11.1	10.6
1979	11.1	11.2	11.7	11.0	11.0	10.5	10.3	10.6	10.6	10.5	10.6	10.6
1980	10.5	10.6	11.0	11.3	10.7	11.7	11.9	12.4	13.0	13.2	13.5	13.6
1981	14.4	14.1	13.9	13.7	13.3	14.3	14.1	14.3	13.7	13.6	13.1	12.8
UNEMPLOYED - MEDIAN DURATION OF UNEMPLOYMENT: WEEKS												
1970	4.6	4.5	4.6	4.1	4.7	4.9	5.1	5.4	5.2	5.2	5.6	5.9
1971	6.2	6.3	6.4	6.5	6.7	5.7	6.2	6.4	5.8	6.5	6.4	6.2
1972	6.2	6.6	6.9	6.7	6.6	5.4	6.1	6.0	5.6	5.7	5.7	6.1
1973	5.7	5.2	5.5	5.0	4.9	5.0	5.2	4.9	5.4	5.5	5.1	4.7
1974	5.0	5.1	4.8	5.0	4.6	5.3	5.7	5.0	5.3	5.5	5.2	5.7
1975	6.3	7.1	7.2	8.7	9.4	8.8	8.6	9.2	9.2	8.6	9.5	9.0
1976	9.0	8.2	8.7	8.2	8.3	7.8	7.7	7.9	7.8	7.7	8.4	8.0
1977	7.5	7.2	7.2	7.3	7.9	6.2	7.1	7.0	6.7	6.9	7.0	6.8
1978	6.5	6.7	6.2	6.1	5.8	6.0	5.8	5.8	5.6	5.8	5.5	5.8
1979	5.9	5.9	5.8	5.5	5.8	5.7	5.9	4.7	5.5	5.5	5.3	5.6
1980	5.3	5.8	5.9	5.8	5.9	6.5	7.0	7.3	7.7	7.4	7.6	7.3
1981	7.4	7.0	7.1	7.6	7.3	6.7	7.0	7.0	6.9	6.8	6.9	6.7
UNEMPLOYED - LABOR FORCE TIME LOST												
1970	4.2	4.5	4.7	4.9	5.1	5.1	5.4	5.4	5.8	5.8	6.2	6.4
1971	6.3	6.3	6.3	6.3	6.2	6.0	6.3	6.4	6.2	6.3	6.4	6.3
1972	6.2	5.9	6.1	6.0	6.1	6.0	6.0	6.1	5.9	5.8	5.5	5.4
1973	5.2	5.3	5.2	5.2	5.2	5.3	5.3	5.3	5.2	5.0	5.3	5.4
1974	5.6	5.5	5.4	5.6	5.6	5.8	5.9	6.0	6.5	6.4	7.2	7.8
1975	8.7	8.8	9.3	9.4	9.8	9.2	9.1	8.9	9.1	9.0	8.9	8.7
1976	8.5	8.2	8.2	8.2	8.2	8.1	8.1	8.2	8.3	8.3	8.4	8.3
1977	8.1	8.1	7.9	7.5	7.6	7.7	7.4	7.4	7.3	7.3	7.3	7.0
1978	6.9	6.7	6.7	6.3	6.6	6.4	6.6	6.4	6.5	6.2	6.2	6.4
1979	6.3	6.3	6.2	6.3	6.3	6.2	6.2	6.3	6.3	6.4	6.5	6.5
1980	6.7	6.7	6.9	7.5	8.6	8.1	8.3	8.3	8.2	8.3	8.4	8.2
1981	8.3	8.2	8.2	8.2	8.6	7.9	7.9	7.9	8.5	9.1	9.5	10.1

HOUSEHOLD DATA
SEASONALLY ADJUSTED

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
UNEMPLOYMENT RATE - ALL CIVILIAN WORKERS												
1970.....	3.9	4.2	4.4	4.6	4.8	4.9	5.0	5.1	5.4	5.5	5.9	6.1
1971.....	5.9	5.9	6.0	5.9	5.9	5.9	6.0	6.1	6.0	5.8	6.0	6.0
1972.....	5.8	5.7	5.8	5.7	5.7	5.7	5.6	5.6	5.5	5.6	5.3	5.2
1973.....	4.9	5.0	4.9	5.0	4.9	4.9	4.8	4.8	4.8	4.6	4.8	4.9
1974.....	5.1	5.2	5.1	5.1	5.1	5.4	5.5	5.5	5.9	6.0	6.6	7.2
1975.....	8.1	8.1	8.6	8.8	9.0	8.8	8.6	8.4	8.4	8.4	8.3	8.2
1976.....	7.9	7.7	7.6	7.7	7.4	7.6	7.8	7.8	7.6	7.7	7.8	7.8
1977.....	7.5	7.6	7.4	7.2	7.0	7.2	6.9	7.0	6.8	6.8	6.8	6.4
1978.....	6.4	6.3	6.3	6.1	6.0	5.9	6.2	5.9	6.0	5.8	5.9	6.0
1979.....	5.9	5.9	5.8	5.8	5.7	5.7	5.7	6.0	5.8	6.0	5.9	6.0
1980.....	6.3	6.2	6.3	6.9	7.5	7.5	7.8	7.7	7.5	7.5	7.5	7.3
1981.....	7.4	7.4	7.3	7.3	7.5	7.4	7.2	7.3	7.6	8.0	8.3	8.8
UNEMPLOYMENT RATE - MALES												
1970.....	3.3	3.6	3.7	4.0	4.2	4.5	4.6	4.6	4.8	5.0	5.2	5.6
1971.....	5.4	5.3	5.3	5.2	5.3	5.3	5.4	5.5	5.4	5.2	5.4	5.5
1972.....	5.3	5.3	5.3	5.1	5.1	4.9	4.8	4.9	4.8	4.8	4.6	4.5
1973.....	4.2	4.3	4.3	4.3	4.3	4.1	4.0	4.1	4.0	3.9	4.1	4.2
1974.....	4.4	4.5	4.4	4.5	4.4	4.6	4.7	4.8	5.0	5.3	5.8	6.4
1975.....	7.3	7.4	7.9	8.2	8.4	8.3	8.2	7.9	8.0	7.8	7.8	7.6
1976.....	7.3	7.0	6.9	7.0	6.9	7.1	7.1	6.9	7.0	7.0	7.3	7.2
1977.....	6.8	7.0	6.6	6.4	6.4	6.4	6.1	6.2	5.8	6.0	5.8	5.5
1978.....	5.6	5.6	5.6	5.3	5.2	4.9	5.1	5.0	5.1	5.1	5.0	5.3
1979.....	5.2	5.1	5.1	5.1	4.9	4.8	5.0	5.2	5.2	5.3	5.3	5.4
1980.....	5.8	5.7	5.9	6.7	7.5	7.5	7.7	7.7	7.6	7.5	7.4	7.1
1981.....	7.2	7.2	7.1	6.9	7.3	7.2	6.7	7.1	7.3	7.7	8.3	9.0
UNEMPLOYMENT RATE - FEMALES												
1970.....	4.9	5.1	5.6	5.5	5.7	5.7	5.8	6.0	6.3	6.4	6.9	6.9
1971.....	6.8	6.8	7.1	7.0	6.9	6.9	7.0	7.0	6.9	6.8	7.0	6.8
1972.....	6.7	6.4	6.7	6.7	6.6	6.8	7.0	6.9	6.7	6.8	6.2	6.2
1973.....	6.1	6.2	6.0	6.1	5.7	6.0	6.0	6.0	6.1	5.7	6.0	6.1
1974.....	6.2	6.2	6.1	6.0	6.3	6.5	6.8	6.5	7.1	7.1	7.9	8.3
1975.....	9.2	9.1	9.6	9.6	9.8	9.4	9.3	9.2	9.0	9.2	9.0	9.1
1976.....	8.9	8.8	8.6	8.6	8.1	8.4	8.8	9.0	8.7	8.7	8.7	8.5
1977.....	8.5	8.6	8.6	8.4	7.9	8.4	8.0	8.1	8.1	7.9	8.1	7.5
1978.....	7.6	7.2	7.2	7.2	7.2	7.2	7.6	7.2	7.2	6.7	7.0	7.0
1979.....	6.9	6.9	6.8	6.9	6.7	6.8	6.6	7.1	6.7	6.9	6.7	6.9
1980.....	6.9	7.0	6.9	7.2	7.6	7.5	7.8	7.7	7.3	7.7	7.6	7.7
1981.....	7.7	7.7	7.7	7.7	7.8	7.7	7.8	7.7	8.0	8.2	8.4	8.5
UNEMPLOYMENT RATE - BOTH SEXES 16-19 YEARS												
1970.....	13.5	13.3	13.4	14.7	14.2	16.3	14.7	15.7	16.2	16.7	17.4	17.1
1971.....	16.8	16.3	16.9	16.3	16.8	17.7	17.7	16.8	16.7	16.9	16.9	16.9
1972.....	16.9	16.0	17.2	16.5	15.3	15.9	15.6	16.5	16.3	15.8	15.7	15.6
1973.....	13.7	15.3	14.3	15.5	14.9	13.8	14.3	14.0	14.7	14.4	15.0	14.6
1974.....	14.6	14.9	14.9	14.3	15.4	16.3	16.8	14.9	17.0	17.2	17.8	18.2
1975.....	19.5	19.4	19.9	19.9	20.4	20.9	20.7	20.7	19.5	19.8	19.0	19.8
1976.....	19.6	19.0	18.9	19.5	18.6	18.5	18.3	19.6	18.6	19.0	19.2	19.1
1977.....	18.9	18.4	18.6	18.0	17.8	18.8	17.5	17.4	18.0	17.2	17.2	15.5
1978.....	16.7	17.2	17.3	16.7	16.1	15.1	16.6	15.8	16.4	16.1	16.2	16.7
1979.....	16.1	16.0	15.9	16.4	16.3	15.4	15.6	16.6	16.6	16.5	15.9	16.3
1980.....	16.4	16.5	16.2	16.4	18.8	18.4	19.1	19.1	18.0	18.4	18.4	17.8
1981.....	18.9	19.1	19.2	19.0	19.4	19.2	18.7	19.0	19.7	20.4	21.4	21.5
UNEMPLOYMENT RATE - MALES 16-19 YEARS												
1970.....	12.1	12.9	12.6	14.4	14.4	17.0	15.1	15.5	16.1	16.6	16.2	16.6
1971.....	16.8	16.0	16.5	15.9	16.6	17.8	17.8	16.8	16.1	16.9	16.2	16.9
1972.....	16.9	19.0	17.5	16.1	15.7	14.7	14.0	15.8	15.7	15.0	15.5	15.4
1973.....	13.2	14.1	13.5	14.7	14.5	13.2	13.6	13.7	14.0	14.0	14.5	14.1
1974.....	13.9	14.4	14.3	14.3	14.7	15.8	15.5	14.8	17.1	16.6	17.5	18.0
1975.....	19.6	19.7	19.8	20.7	20.1	22.1	21.3	20.9	19.4	19.7	18.9	19.4
1976.....	20.2	18.9	18.9	20.2	19.5	18.4	18.5	18.7	19.0	19.4	19.6	19.0
1977.....	18.0	18.2	18.3	17.3	17.4	18.4	17.1	17.6	17.4	16.4	16.4	15.0
1978.....	15.7	16.7	16.9	16.4	15.3	13.7	15.7	14.9	15.7	16.2	15.9	16.7
1979.....	16.2	16.3	16.3	16.3	15.9	14.2	15.3	16.2	16.4	15.8	15.7	15.7
1980.....	16.1	15.9	15.4	16.5	19.3	19.1	19.8	20.0	19.1	20.1	19.6	18.6
1981.....	20.0	20.0	19.8	19.5	20.0	20.0	18.8	19.8	19.9	20.1	21.8	22.3
UNEMPLOYMENT RATE - FEMALES 16-19 YEARS												
1970.....	15.1	13.8	14.4	15.2	14.0	15.4	14.4	15.9	16.2	16.8	18.8	17.8
1971.....	16.9	16.5	17.6	16.7	17.0	17.7	18.7	16.9	17.4	17.0	17.8	16.9
1972.....	16.7	16.9	16.9	17.1	14.7	17.3	17.6	17.3	17.1	16.7	16.1	16.0
1973.....	14.3	16.7	15.1	16.4	15.4	14.6	15.1	14.4	15.6	15.0	15.5	15.3
1974.....	15.4	15.5	15.5	14.4	16.2	16.9	18.4	15.1	17.0	17.9	18.1	18.4
1975.....	19.4	19.0	20.1	19.0	20.6	19.4	19.9	20.4	19.6	20.0	19.2	20.3
1976.....	18.9	19.2	18.8	18.6	17.5	18.7	18.0	20.7	18.2	18.4	18.7	19.2
1977.....	20.0	18.6	19.0	18.9	18.4	19.2	17.9	17.2	18.6	18.1	18.1	16.1
1978.....	17.8	17.7	17.8	17.0	17.1	16.7	17.7	16.8	17.2	16.0	16.6	16.7
1979.....	16.0	15.7	15.4	16.6	16.6	16.7	16.0	17.1	16.8	17.2	16.0	17.1
1980.....	16.7	17.3	17.1	16.2	18.3	17.5	18.4	18.0	16.8	16.6	17.1	16.9
1981.....	17.7	18.2	18.5	18.4	18.7	18.4	18.6	18.2	19.5	20.7	20.9	20.5

READEX FICHE

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
UNEMPLOYMENT RATE - BOTH SEXES 20 YEARS AND OVER												
1970	3.0	3.3	3.5	3.6	3.8	3.9	4.1	4.1	4.3	4.4	4.8	5.0
1971	4.9	4.9	4.9	4.9	4.9	4.8	4.8	5.0	4.9	4.8	5.0	4.9
1972	4.7	4.5	4.7	4.6	4.7	4.6	4.6	4.5	4.5	4.5	4.2	4.1
1973	4.1	4.0	4.0	3.9	3.8	3.9	3.8	3.9	3.8	3.5	3.8	3.9
1974	4.1	4.1	4.0	4.1	4.0	4.2	4.3	4.5	4.7	4.8	5.4	6.0
1975	6.8	6.9	7.4	7.6	7.8	7.5	7.4	7.1	7.3	7.2	7.2	7.0
1976	6.7	6.5	6.4	6.4	6.2	6.5	6.6	6.5	6.5	6.5	6.7	6.6
1977	6.3	6.5	6.3	6.0	5.9	6.0	5.8	5.9	5.6	5.7	5.7	5.4
1978	5.4	5.1	5.1	5.0	5.0	4.9	5.1	4.9	4.9	4.7	4.8	4.9
1979	4.8	4.8	4.8	4.8	4.6	4.7	4.7	4.9	4.8	4.9	4.9	5.0
1980	5.3	5.2	5.3	6.0	6.4	6.5	6.7	6.6	6.5	6.5	6.5	6.4
1981	6.4	6.3	6.2	6.2	6.5	6.3	6.2	6.3	6.5	6.9	7.2	7.7
UNEMPLOYMENT RATE - MALES 20 YEARS AND OVER												
1970	2.5	2.8	2.9	3.2	3.3	3.4	3.7	3.7	3.9	4.0	4.3	4.6
1971	4.4	4.4	4.3	4.3	4.4	4.3	4.3	4.5	4.4	4.2	4.5	4.5
1972	4.3	4.1	4.2	4.1	4.1	4.0	4.0	3.9	3.8	3.9	3.6	3.5
1973	3.4	3.4	3.4	3.4	3.4	3.3	3.1	3.2	3.1	2.9	3.1	3.2
1974	3.5	3.6	3.4	3.5	3.4	3.5	3.6	3.8	3.9	4.2	4.6	5.3
1975	6.1	6.3	6.8	7.1	7.3	7.1	7.0	6.7	6.9	6.8	6.8	6.5
1976	6.1	5.9	5.8	5.8	5.7	6.1	6.0	5.8	5.9	5.8	6.1	6.1
1977	5.8	5.9	5.5	5.3	5.4	5.2	5.1	5.1	4.7	5.0	4.8	4.6
1978	4.7	4.6	4.6	4.3	4.3	4.0	4.1	4.1	4.1	4.1	4.0	4.3
1979	4.1	4.1	4.1	4.1	3.9	3.9	4.1	4.2	4.2	4.3	4.4	4.5
1980	4.8	4.8	5.0	5.8	6.4	6.5	6.7	6.6	6.6	6.4	6.3	6.1
1981	6.1	6.0	6.0	5.8	6.3	6.1	5.8	6.0	6.2	6.7	7.1	7.9
UNEMPLOYMENT RATE - FEMALES 20 YEARS AND OVER												
1970	3.7	4.1	4.6	4.4	4.8	4.6	4.8	4.8	5.1	5.2	5.6	5.7
1971	5.7	5.7	5.9	5.9	5.8	5.7	5.6	5.9	5.7	5.7	5.8	5.7
1972	5.5	5.1	5.5	5.4	5.7	5.6	5.7	5.6	5.5	5.6	5.1	5.0
1973	5.1	4.9	4.9	4.8	4.6	5.0	4.9	5.0	4.9	4.5	4.8	5.0
1974	5.1	5.0	5.0	4.9	5.0	5.2	5.3	5.4	5.9	5.7	6.6	7.0
1975	8.0	7.9	8.3	8.5	8.5	8.2	8.0	7.9	7.7	7.9	7.8	7.8
1976	7.7	7.5	7.3	7.4	6.9	7.2	7.6	7.6	7.5	7.5	7.5	7.3
1977	7.1	7.3	7.4	7.1	6.6	7.1	6.9	7.0	6.9	6.7	7.0	6.5
1978	6.4	6.9	6.0	6.0	6.0	6.1	6.4	6.0	6.0	5.6	5.9	5.8
1979	5.8	5.9	5.8	5.7	5.6	5.7	5.5	6.0	5.6	5.7	5.6	5.7
1980	5.9	5.9	5.9	6.3	6.8	6.5	6.7	6.7	6.3	6.7	6.7	6.7
1981	6.7	6.6	6.6	6.6	6.7	6.6	6.7	6.6	6.9	7.3	7.2	7.6
UNEMPLOYMENT RATE - BOTH SEXES 20-24 YEARS												
1970	6.4	7.6	6.9	7.5	7.8	7.8	8.5	8.4	9.3	9.1	9.8	10.0
1971	9.8	10.0	10.1	10.0	10.5	10.4	9.7	10.1	9.7	9.5	10.4	9.9
1972	9.9	9.2	9.8	9.6	9.5	9.1	9.7	9.1	9.2	9.6	8.7	8.5
1973	8.1	8.0	7.8	8.0	7.8	8.0	8.1	7.9	8.1	7.1	7.4	7.7
1974	8.3	8.4	8.0	8.0	8.4	8.7	9.0	9.7	9.6	9.3	10.5	11.6
1975	12.2	13.1	13.8	14.4	14.7	13.3	13.9	13.5	13.9	13.7	13.6	12.9
1976	12.7	11.9	11.9	12.0	11.5	11.9	11.5	12.0	11.7	12.4	12.3	12.1
1977	11.4	12.0	11.4	11.0	11.0	10.9	10.7	11.3	10.7	10.4	10.5	10.1
1978	10.6	10.3	10.3	10.1	9.1	9.4	9.9	9.2	9.4	8.7	9.2	9.2
1979	8.8	9.0	9.1	8.7	8.8	8.9	9.0	9.5	9.3	9.5	9.0	10.0
1980	10.3	10.1	10.0	11.3	12.3	12.1	12.3	12.2	12.1	12.3	12.1	11.5
1981	11.9	11.9	11.8	12.0	12.6	12.1	11.5	12.1	12.3	12.7	13.0	13.5
UNEMPLOYMENT RATE - MALES 20-24 YEARS												
1970	6.1	7.0	6.7	7.5	7.6	7.8	8.9	8.8	10.1	10.3	10.4	10.7
1971	10.3	10.1	10.1	9.9	10.6	10.5	10.1	10.7	10.3	9.9	10.7	10.4
1972	10.3	9.5	10.3	10.1	9.1	8.9	9.5	8.7	8.7	9.3	8.6	8.3
1973	7.7	7.7	7.4	7.7	7.5	7.6	7.2	7.3	7.3	6.7	6.9	7.0
1974	7.8	8.2	7.7	7.7	8.1	8.3	8.8	9.4	9.2	9.5	10.5	11.3
1975	12.5	13.3	14.4	15.5	15.4	14.3	15.0	14.4	15.3	14.6	14.1	13.2
1976	12.7	11.9	12.0	11.7	11.6	12.3	12.0	11.9	11.6	12.5	12.3	12.5
1977	11.2	12.0	11.1	11.1	11.0	10.8	10.6	11.3	10.5	9.9	9.9	9.7
1978	10.5	10.3	10.1	9.5	8.2	8.7	9.0	8.8	8.8	8.5	8.8	9.0
1979	8.5	8.5	8.5	8.1	8.2	8.3	8.9	8.8	9.0	9.4	8.6	9.9
1980	10.6	10.5	10.7	12.2	13.2	13.5	13.4	13.7	13.6	13.8	13.2	12.3
1981	12.9	12.9	13.0	13.0	13.8	12.9	11.6	12.9	13.1	13.8	14.4	14.8
UNEMPLOYMENT RATE - FEMALES 20-24 YEARS												
1970	6.7	7.8	7.2	7.4	7.9	7.9	8.0	8.0	8.4	7.7	9.2	9.1
1971	9.2	9.8	10.0	10.1	10.3	10.2	9.2	9.5	8.9	8.9	10.1	9.3
1972	9.5	8.9	9.2	9.0	9.8	9.4	9.8	9.6	9.7	9.9	8.7	8.7
1973	8.5	8.3	8.4	8.5	8.2	8.5	9.3	8.6	9.1	7.5	7.9	8.5
1974	9.0	8.7	8.3	8.4	9.1	9.3	9.7	10.0	10.2	9.1	10.5	11.9
1975	11.9	12.8	13.1	13.0	14.0	12.2	12.7	12.3	12.3	12.5	12.9	12.6
1976	12.6	12.0	11.9	12.3	11.4	11.5	11.0	12.2	11.7	12.2	12.3	11.6
1977	11.6	12.1	11.6	11.0	11.1	11.1	10.9	11.2	10.9	11.0	11.1	10.6
1978	10.8	10.3	10.6	10.7	10.2	10.2	11.0	9.6	10.1	8.8	9.8	9.5
1979	9.2	9.6	9.7	9.4	9.5	9.5	9.2	10.4	9.8	9.7	9.5	10.1
1980	9.9	9.5	9.3	10.2	11.2	10.6	10.9	10.5	10.3	10.6	10.9	10.6
1981	10.9	10.9	10.5	10.9	11.2	11.2	11.3	11.1	11.4	11.5	11.3	12.0

HOUSEHOLD DATA
SEASONALLY ADJUSTED

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
UNEMPLOYMENT RATE - BOTH SEXES 25 YEARS AND OVER												
1970.....	2.4	2.7	3.0	3.0	3.2	3.3	3.4	3.4	3.5	3.7	3.9	4.2
1971.....	4.0	4.0	4.0	4.0	3.9	3.8	4.0	4.1	4.1	4.0	4.0	4.0
1972.....	3.8	3.6	3.7	3.7	3.8	3.8	3.7	3.7	3.6	3.7	3.3	3.2
1973.....	3.3	3.2	3.2	3.1	3.1	3.1	3.0	3.1	3.0	2.9	3.1	3.1
1974.....	3.2	3.3	3.2	3.3	3.2	3.3	3.4	3.5	3.8	4.0	4.4	4.9
1975.....	5.7	5.7	6.1	6.3	6.5	6.4	6.2	5.9	6.1	6.1	5.9	5.8
1976.....	5.5	5.4	5.3	5.3	5.1	5.5	5.8	5.5	5.6	5.5	5.5	5.5
1977.....	5.3	5.4	5.2	5.1	4.9	5.0	4.9	4.8	4.7	4.8	4.7	4.4
1978.....	4.3	4.1	4.1	4.0	4.1	4.0	4.1	4.0	4.0	3.9	3.9	4.0
1979.....	4.0	4.0	4.0	4.0	3.7	3.8	3.8	4.0	3.9	4.0	4.1	4.0
1980.....	4.3	4.3	4.5	5.0	5.2	5.4	5.6	5.5	5.4	5.4	5.3	5.3
1981.....	5.3	5.2	5.2	5.1	5.2	5.3	5.2	5.2	5.4	5.7	6.0	6.5
UNEMPLOYMENT RATE - MALES 25 YEARS AND OVER												
1970.....	2.1	2.3	2.4	2.6	2.7	2.9	2.9	3.0	3.0	3.2	3.4	3.7
1971.....	3.5	3.5	3.5	3.5	3.4	3.3	3.5	3.6	3.6	3.5	3.5	3.5
1972.....	3.3	3.2	3.2	3.2	3.3	3.3	3.1	3.1	3.1	3.2	2.8	2.7
1973.....	2.7	2.7	2.7	2.8	2.6	2.5	2.5	2.5	2.5	2.4	2.4	2.5
1974.....	2.7	2.7	2.6	2.9	2.6	2.7	2.8	3.0	3.1	3.5	3.6	4.2
1975.....	4.9	5.0	5.4	5.6	5.8	5.8	5.7	5.4	5.7	5.7	5.4	5.2
1976.....	4.9	4.7	4.7	4.7	4.5	5.0	5.0	4.8	5.0	4.8	5.0	4.9
1977.....	4.7	4.8	4.5	4.3	4.2	4.2	4.1	4.0	3.8	4.2	3.8	3.7
1978.....	3.6	3.5	3.6	3.4	3.4	3.2	3.2	3.3	3.3	3.3	3.1	3.4
1979.....	3.3	3.3	3.3	3.3	3.0	3.2	3.2	3.4	3.3	3.5	3.6	3.8
1980.....	3.8	3.8	4.1	4.7	5.0	5.2	5.5	5.4	5.4	5.1	5.0	4.9
1981.....	4.9	4.9	4.8	4.6	4.7	5.0	4.7	4.9	5.0	5.5	5.8	6.5
UNEMPLOYMENT RATE - FEMALES 25 YEARS AND OVER												
1970.....	3.1	3.4	4.0	3.7	4.1	4.0	4.2	4.1	4.4	4.5	4.8	5.0
1971.....	4.9	4.9	5.0	5.0	4.8	4.7	4.9	5.1	5.0	4.9	4.9	4.9
1972.....	4.6	4.3	4.6	4.7	4.8	4.8	4.8	4.7	4.6	4.6	4.3	4.2
1973.....	4.4	4.2	4.1	4.0	3.8	4.2	4.0	4.1	4.0	3.8	4.1	4.2
1974.....	4.2	4.2	4.2	4.1	4.2	4.2	4.4	4.3	4.9	4.9	5.8	5.9
1975.....	7.0	6.8	7.2	7.5	7.5	7.4	7.1	6.8	6.7	6.8	6.6	6.7
1976.....	6.5	6.5	6.3	6.2	6.1	6.2	7.0	6.5	6.6	6.4	6.3	6.3
1977.....	6.7	6.2	6.4	6.2	5.8	6.2	6.0	6.0	6.0	5.7	6.0	5.6
1978.....	5.3	4.9	4.9	4.9	5.2	5.1	5.4	5.1	5.0	4.8	5.0	5.0
1979.....	5.0	5.0	5.0	4.9	4.8	4.8	4.7	5.0	4.7	4.8	4.8	4.8
1980.....	4.9	5.0	5.1	5.4	5.5	5.6	5.7	5.8	5.4	5.9	5.7	5.8
1981.....	5.8	5.6	5.8	5.7	5.8	5.7	5.8	5.6	6.0	6.1	6.4	6.4
UNEMPLOYMENT RATE - BOTH SEXES 25-54 YEARS												
1970.....	2.5	2.8	3.1	3.1	3.2	3.4	3.6	3.6	3.6	3.8	4.1	4.4
1971.....	4.1	4.1	4.2	4.2	4.1	4.0	4.3	4.3	4.3	4.3	4.2	4.3
1972.....	3.9	3.8	3.8	3.8	3.9	3.9	3.9	3.8	3.7	3.7	3.5	3.4
1973.....	3.4	3.4	3.3	3.3	3.2	3.3	3.1	3.2	3.1	3.0	3.1	3.3
1974.....	3.3	3.4	3.4	3.6	3.3	3.4	3.5	3.6	3.9	4.2	4.7	5.2
1975.....	6.1	6.0	6.4	6.7	6.9	6.8	6.5	6.3	6.4	6.4	6.2	6.0
1976.....	5.7	5.6	5.4	5.5	5.4	5.6	5.9	5.7	5.8	5.7	5.8	5.8
1977.....	5.5	5.5	5.5	5.3	5.1	5.2	5.0	5.0	4.8	5.0	4.8	4.6
1978.....	4.5	4.3	4.4	4.2	4.4	4.1	4.3	4.1	4.2	4.1	4.1	4.3
1979.....	4.3	4.2	4.2	4.2	3.9	4.0	4.0	4.3	4.2	4.3	4.4	4.2
1980.....	4.5	4.6	4.9	5.4	5.7	5.8	6.0	6.0	5.9	5.9	5.8	5.7
1981.....	5.7	5.6	5.6	5.4	5.6	5.6	5.5	5.5	5.8	6.2	6.5	6.9
UNEMPLOYMENT RATE - MALES 25-54 YEARS												
1970.....	2.1	2.2	2.3	2.5	2.6	2.9	3.0	3.0	2.9	3.2	3.4	3.7
1971.....	3.5	3.4	3.4	3.4	3.4	3.4	3.6	3.6	3.7	3.6	3.7	3.7
1972.....	3.3	3.2	3.1	3.1	3.3	3.3	3.1	3.1	3.0	3.0	2.8	2.6
1973.....	2.7	2.7	2.8	2.7	2.7	2.5	2.4	2.5	2.4	2.3	2.3	2.6
1974.....	2.7	2.7	2.7	3.0	2.7	2.8	2.9	2.9	3.1	3.6	3.8	4.4
1975.....	5.1	5.2	5.6	5.8	6.1	6.1	6.0	5.8	5.9	5.9	5.7	5.4
1976.....	5.0	4.8	4.6	4.7	4.6	5.0	5.2	4.9	5.1	5.0	5.2	5.2
1977.....	4.8	4.8	4.6	4.4	4.4	4.4	4.2	4.2	3.8	4.2	3.9	3.7
1978.....	3.7	3.6	3.6	3.4	3.5	3.2	3.2	3.4	3.4	3.4	3.3	3.5
1979.....	3.4	3.4	3.4	3.4	3.1	3.2	3.3	3.5	3.5	3.6	3.9	3.6
1980.....	3.9	4.0	4.3	5.0	5.4	5.5	5.9	5.8	5.9	5.5	5.5	5.3
1981.....	5.2	5.2	5.1	4.9	5.1	5.2	5.0	5.2	5.5	5.9	6.3	6.9
UNEMPLOYMENT RATE - FEMALES 25-54 YEARS												
1970.....	3.4	3.7	4.4	4.1	4.3	4.3	4.7	4.6	4.7	4.9	5.4	5.6
1971.....	5.3	5.4	5.4	5.5	5.2	5.1	5.4	5.5	5.4	5.4	5.2	5.3
1972.....	5.0	4.8	5.0	4.9	5.0	5.0	5.1	5.0	4.9	4.9	4.6	4.6
1973.....	4.6	4.4	4.3	4.4	4.2	4.6	4.2	4.4	4.3	4.2	4.5	4.6
1974.....	4.5	4.6	4.4	4.5	4.5	4.5	4.6	4.6	5.2	5.2	6.2	6.3
1975.....	7.6	7.3	7.7	8.1	8.0	7.9	7.3	7.3	7.2	7.2	7.0	7.1
1976.....	6.8	6.9	6.7	6.6	6.5	6.6	7.1	6.9	7.0	6.9	6.7	6.8
1977.....	6.5	6.6	6.9	6.6	6.2	6.5	6.2	6.4	6.4	6.1	6.3	5.9
1978.....	5.7	5.3	5.4	5.4	5.8	5.5	5.8	5.6	5.4	5.1	5.3	5.4
1979.....	5.4	5.4	5.3	5.3	5.1	5.2	5.0	5.3	5.1	5.1	5.1	5.2
1980.....	5.3	5.5	5.6	5.9	6.0	6.1	6.2	6.3	5.9	6.4	6.1	6.2
1981.....	6.3	6.0	6.2	6.1	6.4	6.1	6.1	6.0	6.3	6.5	6.8	6.9

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
UNEMPLOYMENT RATE - BOTH SEXES 25-34 YEARS												
1970	3.2	3.5	3.5	3.9	4.0	4.4	4.5	4.5	4.3	4.7	5.1	5.4
1971	5.3	5.2	5.4	5.2	5.2	5.0	5.3	5.2	5.3	5.4	5.5	5.3
1972	5.0	4.8	4.4	4.7	4.8	4.9	4.6	4.5	4.6	4.6	4.2	4.3
1973	4.4	4.2	4.3	4.2	4.5	4.5	4.2	4.4	4.1	4.0	4.1	4.2
1974	4.3	4.4	4.4	4.7	4.2	4.3	4.6	4.6	4.8	5.4	5.9	6.4
1975	7.3	7.4	7.9	8.2	8.4	8.5	8.1	7.6	7.8	7.6	7.5	7.3
1976	7.1	7.1	6.7	6.6	6.8	7.1	7.3	7.2	7.3	7.2	7.2	7.2
1977	6.9	6.9	6.8	6.8	6.3	6.5	6.4	6.3	6.2	6.4	6.1	5.9
1978	5.7	5.3	5.5	5.4	5.4	5.0	5.3	5.4	5.2	5.1	5.2	5.4
1979	5.4	5.4	5.3	5.1	4.9	5.0	5.0	5.3	5.0	5.1	5.4	5.3
1980	5.6	5.8	6.2	7.0	7.2	7.4	7.6	7.5	7.6	7.5	7.2	7.2
1981	7.2	7.0	6.9	6.8	7.3	7.0	6.9	7.0	7.3	7.6	8.1	8.6
UNEMPLOYMENT RATE - MALES 25-34 YEARS												
1970	2.6	2.7	2.7	3.2	3.3	3.9	3.5	3.7	3.4	4.0	4.3	4.7
1971	4.4	4.1	4.4	4.1	4.2	4.2	4.6	4.4	4.6	4.6	4.7	4.3
1972	4.2	4.2	3.6	4.0	4.0	4.0	3.6	3.6	3.7	3.6	3.3	3.4
1973	3.4	3.4	3.5	3.4	3.6	3.3	3.3	3.5	3.4	3.2	3.0	3.2
1974	3.4	3.4	3.5	4.1	3.6	3.7	3.7	3.8	3.7	4.7	4.8	5.8
1975	6.2	6.6	7.0	7.3	7.4	7.6	7.3	6.8	7.2	6.9	6.9	6.6
1976	6.2	6.2	5.8	5.9	6.0	6.3	6.4	6.2	6.3	6.3	6.5	6.3
1977	6.1	6.1	5.8	5.8	5.7	5.6	5.8	5.6	5.3	5.8	5.2	4.9
1978	4.9	4.6	4.6	4.4	4.3	3.8	4.0	4.3	4.1	4.3	4.2	4.5
1979	4.3	4.4	4.5	4.1	3.9	3.8	4.0	4.5	4.1	4.3	4.8	4.5
1980	5.1	5.0	5.7	6.8	7.1	7.4	7.7	7.4	8.0	7.3	7.0	6.8
1981	6.8	6.7	6.5	6.2	6.5	6.7	6.4	6.7	6.9	7.5	7.9	8.9
UNEMPLOYMENT RATE - FEMALES 25-34 YEARS												
1970	4.4	4.8	5.1	5.3	5.5	5.4	6.5	6.0	6.1	6.0	6.7	6.8
1971	7.0	7.4	7.5	7.3	7.1	6.7	6.7	6.8	6.9	6.8	7.0	7.1
1972	6.5	6.1	6.0	6.1	6.2	6.5	6.5	6.4	6.5	6.4	5.8	5.9
1973	6.2	5.6	5.6	5.7	6.0	6.6	5.7	6.1	5.4	5.4	6.0	5.9
1974	5.9	6.0	5.8	5.7	5.3	5.4	6.1	6.0	6.5	6.6	7.6	7.6
1975	9.2	8.7	9.4	9.7	10.0	9.9	9.4	9.0	8.7	8.8	8.4	8.5
1976	8.5	8.6	8.2	7.8	8.1	8.4	8.6	8.7	8.8	8.6	8.3	8.4
1977	8.0	8.2	8.2	8.3	7.3	7.7	7.4	7.4	7.5	7.4	7.5	7.4
1978	6.8	6.2	6.9	6.8	6.9	6.7	7.1	7.0	6.8	6.1	6.6	6.7
1979	6.9	6.8	6.6	6.5	6.2	6.6	6.3	6.5	6.2	6.4	6.4	6.3
1980	6.3	6.7	6.8	7.2	7.4	7.5	7.4	7.5	7.2	7.7	7.4	7.8
1981	7.8	7.3	7.5	7.5	8.3	7.4	7.6	7.4	7.7	7.9	8.2	
UNEMPLOYMENT RATE - BOTH SEXES 35-44 YEARS												
1970	2.3	2.6	3.0	2.8	3.0	3.0	3.1	3.2	3.3	3.7	3.8	4.3
1971	4.0	3.8	3.6	3.8	3.7	3.8	4.0	4.1	3.9	4.0	3.8	3.9
1972	3.6	3.3	3.8	3.6	3.7	3.6	3.7	3.7	3.5	3.4	3.3	2.9
1973	3.0	2.9	2.9	2.7	2.7	2.7	2.5	2.6	2.7	2.4	2.7	2.9
1974	2.9	3.0	2.8	3.1	3.1	3.2	3.1	3.3	3.6	3.6	4.1	4.6
1975	5.5	5.4	5.8	6.2	6.0	5.8	5.3	5.6	5.5	5.6	5.6	5.3
1976	5.0	5.0	4.7	4.9	4.5	4.8	5.2	4.9	5.1	4.9	4.8	4.9
1977	4.5	4.8	4.7	4.3	4.4	4.5	4.4	4.3	4.1	4.2	4.3	3.8
1978	3.8	3.7	3.7	3.5	4.0	3.7	3.7	3.7	3.5	3.6	3.5	3.7
1979	3.7	3.5	3.4	3.4	3.4	3.4	3.3	3.7	3.8	3.8	3.8	3.8
1980	3.9	4.0	4.0	4.3	4.8	4.8	5.2	5.3	4.8	4.8	4.7	4.8
1981	4.8	4.8	4.9	4.9	4.6	4.8	4.6	4.5	5.1	5.4	5.8	6.1
UNEMPLOYMENT RATE - MALES 35-44 YEARS												
1970	1.8	2.0	2.1	2.1	2.3	2.4	2.5	2.6	2.6	2.8	3.0	3.3
1971	3.0	3.0	2.8	3.0	3.1	3.1	3.2	3.2	3.3	3.2	3.2	3.2
1972	3.0	2.7	3.0	2.7	2.8	2.7	2.9	2.9	2.7	2.7	2.6	2.0
1973	2.2	2.2	2.3	2.2	2.0	2.0	1.8	1.8	1.8	1.7	1.9	2.3
1974	2.2	2.2	2.0	2.2	2.2	2.3	2.4	2.5	2.9	3.0	3.3	3.8
1975	4.4	4.5	5.0	5.3	5.5	5.1	4.9	4.9	4.7	4.8	4.9	4.6
1976	4.2	4.2	3.8	3.9	3.6	4.1	4.4	4.3	4.5	4.2	4.1	4.0
1977	3.8	4.0	3.9	3.4	3.6	3.6	3.5	3.2	2.9	3.3	3.2	2.8
1978	2.8	2.8	3.0	2.8	3.0	2.8	2.7	2.9	2.6	2.7	2.6	2.8
1979	2.9	2.6	2.5	2.8	2.5	2.5	2.7	2.8	3.3	3.2	3.5	3.2
1980	3.3	3.4	3.3	3.7	4.4	4.4	4.8	4.9	4.6	4.3	4.2	4.2
1981	4.2	4.4	4.4	4.3	3.9	4.2	4.0	4.0	4.6	5.0	5.6	6.0
UNEMPLOYMENT RATE - FEMALES 35-44 YEARS												
1970	3.1	3.6	4.4	3.9	4.2	4.2	4.1	4.3	4.5	5.2	5.2	6.1
1971	5.7	5.3	5.0	5.3	4.8	4.9	5.4	5.7	5.0	5.5	4.7	5.0
1972	4.6	4.5	5.1	5.0	5.3	5.3	5.2	5.0	5.0	4.8	4.4	4.5
1973	4.4	4.0	3.9	3.7	3.8	3.7	3.7	3.9	4.2	3.7	4.0	3.8
1974	3.9	4.2	4.2	4.4	4.7	4.5	4.3	4.6	4.7	4.6	5.5	5.8
1975	7.2	6.9	7.0	7.8	6.9	7.0	6.0	6.6	6.7	6.9	6.5	6.5
1976	6.1	6.2	6.1	6.4	6.0	5.9	6.3	6.0	6.1	6.1	5.9	6.2
1977	5.5	6.0	5.9	5.6	5.7	5.9	5.9	5.9	6.0	5.5	5.8	5.3
1978	5.4	5.0	4.8	4.5	5.4	5.0	5.2	5.0	4.7	4.8	4.9	4.9
1979	4.9	4.7	4.7	4.4	4.7	4.6	4.2	5.0	4.5	4.6	4.3	4.6
1980	4.7	4.9	5.0	5.2	5.4	5.3	5.8	5.8	5.2	5.6	5.5	5.6
1981	5.6	5.4	5.6	5.7	5.4	5.6	5.3	5.3	5.8	5.9	6.2	6.3

HOUSEHOLD DATA
SEASONALLY ADJUSTED

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
UNEMPLOYMENT RATE - BOTH SEXES 45-54 YEARS												
1970.....	2.1	2.3	2.7	2.5	2.7	2.7	3.2	3.0	3.0	3.1	3.4	3.
1971.....	3.2	3.3	3.4	3.4	3.3	3.3	3.5	3.5	3.6	3.3	3.3	3.
1972.....	3.2	3.0	3.1	3.0	3.1	3.2	3.1	3.0	2.8	3.0	2.8	2.
1973.....	2.7	2.8	2.7	2.8	2.3	2.5	2.3	2.4	2.2	2.3	2.4	2.
1974.....	2.6	2.7	2.7	2.6	2.5	2.6	2.6	2.6	3.2	3.1	3.7	4.
1975.....	4.9	4.7	5.1	5.2	5.7	5.6	5.5	5.4	5.5	5.5	5.0	5.
1976.....	4.5	4.3	4.3	4.3	4.2	4.3	4.8	4.4	4.5	4.4	4.6	4.
1977.....	4.5	4.3	4.4	4.1	4.0	4.1	3.6	3.9	3.6	3.6	3.5	3.
1978.....	3.4	3.3	3.2	3.0	3.4	3.3	3.4	3.2	3.4	3.3	3.0	3.
1979.....	3.1	3.2	3.3	3.5	3.0	3.1	3.1	3.1	3.2	3.4	3.2	3.
1980.....	3.4	3.4	3.5	3.8	4.0	4.1	4.4	4.4	4.3	4.3	4.6	4.
1981.....	4.1	4.0	4.0	3.8	4.1	4.1	4.2	4.3	4.2	4.5	4.7	4.
UNEMPLOYMENT RATE - MALES 45-54 YEARS												
1970.....	1.7	1.9	2.0	2.2	2.2	2.4	2.9	2.6	2.7	2.7	2.9	2.
1971.....	3.0	2.9	3.0	3.0	2.9	2.9	2.9	3.1	3.1	3.0	2.9	3.
1972.....	2.7	2.6	2.5	2.5	2.8	3.1	2.8	2.7	2.5	2.6	2.4	2.
1973.....	2.4	2.5	2.3	2.4	2.1	2.0	2.1	1.8	1.9	1.6	1.7	2.
1974.....	2.1	2.2	2.3	2.2	2.0	2.1	2.3	2.2	2.5	2.6	3.0	3.
1975.....	4.3	4.0	4.3	4.5	5.2	5.2	5.2	5.3	5.4	5.6	4.7	4.
1976.....	4.0	3.6	3.9	3.9	3.7	4.0	4.2	3.8	4.0	3.8	4.3	4.
1977.....	4.0	3.9	3.5	3.4	3.3	3.2	2.7	2.9	2.5	2.8	2.6	2.
1978.....	2.8	2.9	2.8	2.4	2.9	2.6	2.6	2.6	3.1	2.8	2.7	2.
1979.....	2.7	2.8	2.7	2.9	2.5	2.7	2.7	2.7	2.7	3.1	2.7	2.
1980.....	2.8	2.9	3.1	3.3	3.7	3.7	4.2	4.1	4.0	3.8	4.5	3.
1981.....	3.9	3.7	3.7	3.2	3.8	3.9	4.0	4.2	4.0	4.2	4.4	4.
UNEMPLOYMENT RATE - FEMALES 45-54 YEARS												
1970.....	2.8	2.9	3.7	3.1	3.4	3.3	3.6	3.7	3.6	3.7	4.4	4.
1971.....	3.5	3.8	4.0	4.1	3.8	3.9	4.4	4.2	4.3	3.9	3.9	3.
1972.....	3.9	3.7	4.0	3.8	3.6	3.9	3.5	3.5	3.4	3.6	3.6	3.
1973.....	3.2	3.4	3.2	3.6	2.5	3.2	3.1	3.1	3.1	3.3	3.1	3.
1974.....	3.4	3.5	3.2	3.2	3.3	3.4	3.2	3.1	4.1	4.0	5.0	5.
1975.....	5.8	5.8	6.3	6.3	6.6	6.3	6.0	5.7	5.6	5.4	5.5	5.
1976.....	5.2	5.4	5.0	5.0	4.9	4.7	5.7	5.2	5.2	5.2	5.2	5.
1977.....	5.1	4.9	5.8	5.1	5.0	5.4	4.8	5.3	5.2	4.6	5.0	4.
1978.....	4.2	4.1	3.8	4.1	4.3	4.3	4.5	4.0	3.8	4.0	3.6	4.
1979.....	3.6	4.0	4.1	4.4	3.9	3.7	3.7	3.7	3.9	3.8	3.9	4.
1980.....	4.3	4.2	4.1	4.5	4.5	4.7	4.8	4.8	4.7	3.9	4.7	4.
1981.....	4.4	4.5	4.4	4.1	4.4	4.4	4.5	4.4	4.4	4.8	5.1	5.
UNEMPLOYMENT RATE - BOTH SEXES 55 YEARS AND OVER												
1970.....	2.1	2.4	2.7	2.7	3.1	2.8	2.9	2.8	3.1	3.1	3.3	3.
1971.....	3.7	3.6	3.4	3.5	3.4	3.2	3.1	3.4	3.2	2.9	3.4	3.
1972.....	3.2	3.2	3.3	3.6	3.5	3.5	3.4	3.5	3.2	3.5	2.8	3.
1973.....	2.8	2.8	2.6	2.5	2.5	2.6	2.8	2.7	2.7	2.7	2.7	2.
1974.....	2.8	2.8	2.6	2.5	2.7	2.7	2.8	3.2	3.1	3.1	3.2	3.
1975.....	4.2	4.5	4.6	4.9	5.0	4.9	4.9	4.7	4.6	4.9	4.8	5.
1976.....	4.6	4.6	4.7	4.6	4.3	4.8	4.9	4.7	4.7	4.5	4.5	4.
1977.....	4.3	4.7	4.3	4.1	4.1	3.9	3.9	3.8	4.0	4.2	4.0	3.
1978.....	3.5	3.3	3.2	3.2	3.1	3.2	3.1	2.9	3.3	3.1	3.0	2.
1979.....	2.9	3.0	3.1	3.0	3.1	2.9	3.1	3.1	2.9	3.1	2.9	2.
1980.....	3.3	2.8	2.8	3.3	3.4	3.4	3.4	3.5	3.4	3.3	3.4	3.
1981.....	3.5	3.5	3.6	3.4	3.4	3.5	3.5	3.5	3.8	3.8	3.8	4.
UNEMPLOYMENT RATE - MALES 55 YEARS AND OVER												
1970.....	2.1	2.4	2.8	2.7	3.0	2.8	2.9	3.0	3.2	3.1	3.5	3.
1971.....	3.8	3.8	3.5	3.6	3.4	3.2	3.1	3.3	3.0	2.9	3.1	3.
1972.....	3.1	3.3	3.5	3.5	3.4	3.4	3.1	3.4	3.3	3.5	2.6	2.
1973.....	2.5	2.3	2.3	2.4	2.6	2.7	2.8	2.6	2.7	2.8	2.7	2.
1974.....	2.7	2.9	2.3	2.4	2.3	2.5	2.7	3.2	2.8	2.8	2.7	2.
1975.....	4.0	4.2	4.4	4.8	4.7	4.6	4.6	4.5	4.5	4.7	4.8	3.
1976.....	4.3	4.5	4.7	4.4	4.4	4.8	4.2	4.6	4.5	4.3	4.4	4.
1977.....	4.2	4.6	4.2	3.8	3.8	3.3	3.5	3.4	3.8	4.2	3.8	3.
1978.....	3.3	3.3	3.2	3.3	3.2	3.0	3.2	2.7	2.9	2.9	3.0	2.
1979.....	2.8	2.9	2.9	2.9	2.8	2.9	3.1	2.9	2.9	2.9	2.9	2.
1980.....	3.3	2.8	2.9	3.4	3.4	3.5	3.6	3.7	3.6	3.3	3.4	3.
1981.....	3.4	3.3	3.3	3.2	3.4	3.4	3.4	3.4	3.5	3.7	3.7	4.
UNEMPLOYMENT RATE - FEMALES 55 YEARS AND OVER												
1970.....	2.0	2.5	2.6	2.6	3.4	2.8	2.9	2.5	3.0	3.1	2.9	3.
1971.....	3.4	3.2	3.2	3.3	3.4	3.3	3.2	3.6	3.5	3.0	3.7	3.
1972.....	3.2	3.0	3.0	3.6	3.7	3.7	3.9	3.9	3.0	3.3	3.1	3.
1973.....	3.3	3.5	3.2	2.7	2.3	2.5	2.7	3.0	2.7	2.5	2.7	2.
1974.....	2.9	2.8	3.2	2.9	3.3	3.2	3.1	3.2	3.6	3.7	3.9	4.
1975.....	4.6	4.9	5.0	5.3	5.4	5.4	5.3	4.9	4.6	5.3	4.9	5.
1976.....	5.1	4.7	4.7	5.0	4.3	4.7	6.0	5.0	5.0	4.8	4.6	4.
1977.....	4.4	4.7	4.5	4.6	4.4	4.7	4.6	4.4	4.4	4.3	4.4	4.
1978.....	3.9	3.3	3.1	3.1	3.0	3.4	3.1	3.3	3.8	3.3	3.4	3.
1979.....	3.2	3.3	3.5	3.2	3.5	3.0	3.2	3.3	3.0	3.4	3.0	2.
1980.....	3.4	2.9	2.8	3.3	3.4	3.1	3.2	3.2	3.2	3.3	3.5	3.
1981.....	3.6	3.8	4.2	3.7	3.4	3.5	3.7	3.7	4.3	4.0	3.8	3.

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
UNEMPLOYMENT RATE - BOTH SEXES 55-64 YEARS												
1970	2.0	2.3	2.6	2.6	2.9	2.7	2.7	2.8	3.1	3.1	3.1	3.3
1971	3.5	3.6	3.3	3.4	3.4	3.4	3.2	3.4	3.2	2.9	3.3	3.3
1972	3.2	3.2	3.3	3.5	3.5	3.6	3.4	3.3	2.9	3.3	2.6	2.9
1973	2.8	2.8	2.7	2.5	2.4	2.3	2.6	2.5	2.5	2.7	2.6	2.5
1974	2.6	2.7	2.5	2.4	2.6	2.7	2.8	3.0	3.0	3.0	3.1	3.9
1975	4.2	4.4	4.5	4.8	4.7	4.8	4.8	4.5	4.6	4.8	4.5	4.5
1976	4.3	4.4	4.5	4.6	4.2	4.7	4.7	4.7	4.7	4.4	4.3	4.1
1977	4.0	4.5	4.1	3.9	3.8	3.7	3.7	3.5	3.8	4.0	3.7	3.6
1978	3.3	3.2	2.9	2.9	2.8	2.8	2.8	2.7	3.0	3.1	2.9	2.8
1979	2.8	2.8	2.9	2.9	3.0	2.9	3.2	3.0	2.7	3.0	2.9	2.7
1980	3.4	2.8	2.9	3.4	3.5	3.5	3.4	3.5	3.5	3.8	3.4	3.6
1981	3.5	3.6	3.8	3.4	3.4	3.5	3.7	3.7	4.0	3.9	3.8	4.3
UNEMPLOYMENT RATE - MALES 55-64 YEARS												
1970	1.9	2.3	2.6	2.7	2.9	2.7	2.7	3.0	3.2	3.0	3.4	3.4
1971	3.7	3.8	3.4	3.6	3.4	3.4	3.1	3.2	3.0	2.9	3.1	3.1
1972	3.1	3.2	3.5	3.3	3.3	3.4	3.2	3.4	3.0	3.4	2.3	2.8
1973	2.5	2.3	2.3	2.4	2.6	2.4	2.5	2.3	2.4	2.7	2.7	2.3
1974	2.5	2.8	2.2	2.2	2.2	2.4	2.6	2.9	2.7	2.6	2.6	2.3
1975	3.9	4.1	4.2	4.4	4.5	4.3	4.4	4.3	4.4	4.4	4.4	3.4
1976	4.0	4.2	4.4	4.4	4.2	4.6	4.1	4.4	4.4	4.2	4.1	4.4
1977	3.8	4.2	3.8	3.5	3.5	3.1	3.2	3.1	3.4	3.9	3.3	3.8
1978	3.0	3.1	2.9	2.9	2.8	2.6	2.8	2.2	2.6	3.0	2.6	3.5
1979	2.7	2.7	2.7	2.6	2.6	2.8	3.2	2.8	2.5	2.6	2.8	2.5
1980	3.3	2.7	3.1	3.4	3.5	3.6	3.6	3.6	3.7	3.5	3.3	2.7
1981	3.5	3.4	3.4	3.3	3.6	3.6	3.6	3.6	3.8	3.8	3.9	4.5
UNEMPLOYMENT RATE - FEMALES 55-64 YEARS												
1970	2.2	2.4	2.5	2.5	2.9	2.8	2.7	2.4	3.0	3.2	2.6	3.0
1971	3.3	3.3	3.3	3.2	3.3	3.4	3.3	3.6	3.5	2.8	3.7	3.6
1972	3.2	3.1	3.1	3.7	3.8	3.7	3.7	3.3	2.8	3.2	3.1	3.1
1973	3.3	3.6	3.2	2.7	2.3	2.1	2.7	2.9	2.6	2.7	2.7	2.8
1974	2.7	2.5	3.0	2.8	3.3	3.1	3.0	3.2	3.5	2.7	3.7	4.6
1975	4.7	4.9	5.0	5.3	5.0	5.5	5.4	4.9	4.8	5.5	3.9	4.7
1976	4.9	4.7	4.6	5.1	4.3	4.8	5.6	5.1	5.1	4.9	4.8	4.6
1977	4.5	4.9	4.5	4.5	4.3	4.5	4.6	4.3	4.4	4.6	4.6	4.6
1978	3.8	3.4	2.9	2.8	2.7	3.1	2.9	3.3	3.7	4.2	4.3	3.9
1979	3.1	3.1	3.4	3.3	3.5	3.0	3.2	3.2	3.0	3.2	3.4	3.2
1980	3.4	3.1	2.6	3.3	3.5	3.3	3.1	3.2	3.2	3.5	3.0	2.8
1981	3.6	4.0	4.4	3.6	3.2	3.4	3.8	3.7	4.5	4.0	3.6	3.9
UNEMPLOYMENT RATE - BOTH SEXES 65 YEARS AND OVER												4.0
1970	2.2	2.8	3.1	2.8	3.8	3.1	3.6	2.9	3.1	3.0	3.9	4.2
1971	4.1	3.6	3.6	3.7	3.6	2.7	2.9	3.6	3.2	3.2	3.5	3.8
1972	3.1	3.3	3.2	3.9	3.6	3.4	3.5	4.3	4.0	4.0	3.5	3.3
1973	3.1	2.7	2.4	2.4	2.7	3.6	3.6	3.4	3.4	2.7	2.9	3.0
1974	3.3	3.4	3.2	3.0	3.2	3.0	3.1	3.9	3.5	3.7	3.6	3.7
1975	4.2	4.8	4.8	5.7	6.2	5.5	5.2	5.2	4.6	5.3	5.6	6.8
1976	5.8	5.2	5.6	4.6	4.8	5.2	5.7	5.0	4.7	4.8	5.2	4.4
1977	5.3	5.5	5.2	4.8	4.9	4.8	4.8	4.7	4.9	5.0	5.3	5.1
1978	4.4	3.7	4.2	4.4	4.6	4.4	4.4	3.8	4.2	3.3	3.3	3.6
1979	3.4	3.7	3.9	3.5	3.4	3.1	3.0	3.4	3.7	3.3	2.8	3.0
1980	3.3	3.1	2.5	3.1	3.0	3.0	3.6	3.5	3.1	2.8	3.4	2.9
1981	3.1	3.1	2.9	3.2	3.2	3.4	3.0	2.9	3.0	3.7	3.5	3.5
UNEMPLOYMENT RATE - MALES 65 YEARS AND OVER												
1970	2.5	2.7	3.3	2.8	3.1	3.2	3.4	3.1	3.1	3.3	3.9	4.5
1971	4.2	4.0	3.8	3.8	3.5	2.5	3.1	3.7	3.0	2.8	3.3	2.9
1972	3.1	3.6	3.3	4.3	3.6	3.3	3.0	3.4	4.1	4.0	3.8	3.5
1973	2.9	2.5	2.0	2.4	2.7	3.4	4.0	3.5	3.7	3.2	3.1	2.9
1974	3.2	3.2	2.8	2.9	2.9	2.8	3.0	4.2	3.2	3.6	3.5	3.8
1975	4.3	4.9	4.9	5.9	5.6	5.9	5.5	5.2	5.1	5.7	5.9	6.2
1976	5.7	5.7	5.9	4.6	5.2	5.5	4.5	5.3	4.8	4.9	5.4	4.4
1977	6.0	6.3	5.8	4.7	5.1	4.3	4.8	4.5	5.2	5.1	5.5	5.0
1978	4.5	4.1	4.5	4.5	4.9	4.4	4.7	4.3	4.3	3.0	3.1	3.7
1979	3.2	3.6	3.9	4.0	3.5	3.2	2.9	3.2	4.2	3.7	2.7	2.9
1980	3.4	2.9	2.0	3.2	3.1	3.3	3.7	3.7	3.1	2.5	3.6	2.6
1981	3.0	3.2	2.6	2.7	2.6	2.9	2.7	2.4	2.7	3.3	3.2	4.1
UNEMPLOYMENT RATE - FEMALES 65 YEARS AND OVER												
1970	1.5	2.8	2.6	2.7	5.4	2.9	3.9	2.7	3.1	2.4	4.0	3.7
1971	3.9	3.0	3.1	3.5	3.8	3.1	2.6	3.6	3.6	3.9	4.0	5.3
1972	3.1	2.6	2.8	3.1	3.5	3.4	4.5	6.0	3.7	3.9	3.0	2.9
1973	3.5	3.3	3.1	2.6	2.7	4.0	2.7	3.4	2.8	1.6	2.6	3.2
1974	3.5	4.0	3.8	3.2	3.6	4.3	3.4	3.3	4.1	3.9	3.8	3.4
1975	4.1	4.7	4.6	5.1	7.2	4.8	4.8	5.2	3.7	4.5	5.2	7.9
1976	5.9	4.4	5.2	4.6	4.2	4.5	4.7	4.7	4.6	4.7	4.8	4.3
1977	4.0	4.3	4.1	4.9	4.7	5.6	4.7	4.9	4.4	4.9	5.0	5.2
1978	4.3	2.9	3.7	4.1	4.2	4.8	3.9	3.9	4.2	3.8	3.6	4.3
1979	3.7	3.8	3.8	2.7	3.3	2.8	3.3	3.8	2.9	2.7	3.0	5.2
1980	3.0	3.4	3.2	2.9	2.9	2.5	3.3	3.1	3.2	3.4	3.1	3.2
1981	3.3	3.0	3.5	4.2	4.2	4.1	3.4	3.8	3.5	4.2	4.0	3.4
												2.6

HOUSEHOLD DATA
SEASONALLY ADJUSTED

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
UNEMPLOYMENT RATE - MALES 16-21 YEARS												
1970	10.8	11.4	11.5	12.7	12.7	14.9	14.6	14.6	14.7	15.6	15.0	15.5
1971	16.0	14.4	15.2	14.1	15.0	16.5	15.8	15.5	14.4	15.4	15.2	15.5
1972	15.7	16.5	16.1	14.9	13.9	12.9	13.1	14.1	13.5	13.3	13.4	13.4
1973	11.6	11.7	11.8	12.7	12.4	10.7	11.8	11.9	12.0	12.0	12.5	12.2
1974	12.1	12.3	12.7	12.4	13.1	13.6	13.6	13.9	14.7	14.7	15.4	16.0
1975	17.4	17.6	18.3	19.2	19.2	20.0	20.0	19.0	18.5	18.3	17.8	17.7
1976	18.4	17.3	17.2	17.5	16.8	16.6	17.0	16.8	16.8	17.2	17.8	17.3
1977	15.9	16.7	16.2	15.5	15.6	16.1	15.6	15.8	15.5	14.9	14.8	13.9
1978	14.8	15.2	15.0	14.3	13.1	12.2	13.9	13.0	13.7	13.8	13.9	14.4
1979	13.8	13.8	13.8	13.6	13.2	11.7	13.3	14.1	14.3	13.8	13.7	14.2
1980	14.9	14.4	14.6	15.8	17.4	18.1	18.1	18.2	17.6	18.1	18.1	16.7
1981	17.8	17.9	18.2	17.4	17.7	17.9	16.5	17.5	17.3	18.2	19.5	20.1
UNEMPLOYMENT RATE - MALES 16-21 YEARS; MAJOR ACTIVITY SCHOOL												
1970	13.4	13.3	13.0	15.9	14.8	14.4	17.9	16.8	19.9	20.9	21.3	21.9
1971	23.3	18.1	23.0	22.4	22.9	19.2	18.1	17.6	20.4	22.7	20.3	21.7
1972	21.8	22.4	25.0	19.4	17.5	17.8	18.0	19.0	21.8	19.2	20.1	18.8
1973	16.4	15.2	17.0	19.2	17.0	17.5	19.1	19.2	16.9	17.3	17.1	17.1
1974	17.0	17.7	17.1	17.1	19.6	20.0	20.1	20.1	20.3	19.0	21.1	21.1
1975	21.7	22.2	20.1	22.2	22.0	21.3	20.2	19.9	21.6	22.1	21.5	22.5
1976	23.2	22.0	22.9	22.7	22.8	21.1	20.4	20.5	19.7	22.1	24.1	22.7
1977	20.2	22.6	23.6	20.1	20.4	22.2	20.8	21.3	22.4	20.2	19.5	17.7
1978	20.2	19.9	20.3	19.0	16.7	19.6	20.9	19.9	18.2	18.1	19.7	19.6
1979	18.9	17.8	19.9	18.7	18.3	19.5	19.9	20.6	17.7	19.0	18.5	17.8
1980	17.0	17.4	17.0	18.5	21.9	23.2	21.6	20.9	22.6	23.4	23.0	20.2
1981	23.6	24.3	21.4	22.3	21.3	21.2	20.6	21.7	20.9	22.4	25.9	24.9
UNEMPLOYMENT RATE - MALES 16-21 YEARS; MAJOR ACTIVITY OTHER												
1970	9.6	10.5	10.9	11.3	11.8	15.2	13.3	13.7	13.2	13.8	13.0	13.4
1971	13.8	13.4	13.0	11.8	12.8	15.4	15.0	14.8	12.4	13.2	13.6	13.7
1972	13.9	14.6	13.4	13.5	12.7	11.5	11.6	12.6	11.0	11.6	11.4	11.7
1973	10.4	10.7	10.3	10.7	11.0	9.1	9.8	9.9	10.6	10.5	11.3	10.8
1974	10.8	10.8	11.4	11.4	11.4	11.9	11.7	12.2	13.2	13.5	13.8	14.5
1975	16.1	16.2	17.8	18.2	18.4	19.5	20.0	18.7	17.6	17.2	16.8	16.3
1976	16.9	15.9	15.7	16.2	15.0	15.1	16.1	15.8	16.0	15.8	15.9	15.8
1977	14.7	15.0	14.1	14.2	14.3	14.5	14.2	14.3	13.5	13.3	13.4	12.8
1978	13.2	13.8	13.3	12.8	12.1	10.2	12.0	11.1	12.3	12.6	12.2	12.8
1979	12.4	12.7	12.2	12.3	11.8	9.7	11.4	12.4	13.3	12.4	12.6	13.2
1980	14.3	13.6	13.8	15.0	16.2	16.7	17.2	17.4	16.3	16.7	16.8	15.7
1981	16.1	16.1	17.3	16.0	16.7	16.9	15.3	16.3	16.3	17.1	17.7	18.8
UNEMPLOYMENT RATE - FEMALES 16-21 YEARS												
1970	11.8	11.8	12.0	12.9	11.9	12.8	11.8	13.2	13.1	13.8	15.9	14.8
1971	14.4	14.6	15.1	15.0	15.2	15.6	14.9	14.5	14.8	14.4	15.4	14.7
1972	14.9	14.3	14.7	15.0	13.2	14.7	15.0	14.9	15.0	15.1	14.1	13.7
1973	12.6	13.8	12.7	13.7	13.0	13.0	12.8	12.8	13.4	12.6	13.4	13.6
1974	13.8	14.0	13.6	13.0	14.5	14.1	15.5	14.2	15.1	15.3	15.3	16.0
1975	16.9	17.4	18.5	17.2	19.1	17.3	17.9	18.4	17.4	18.1	17.6	18.3
1976	16.7	16.5	16.2	16.8	15.5	16.4	15.5	17.8	15.7	16.3	16.7	16.7
1977	17.1	16.7	16.8	16.5	16.0	16.3	15.6	15.2	15.9	15.9	16.0	14.8
1978	15.7	15.2	15.6	14.8	15.1	14.8	15.5	14.5	15.0	13.8	14.5	15.0
1979	14.1	13.9	13.6	14.4	14.6	14.5	13.6	15.1	14.4	15.2	14.2	15.3
1980	14.3	14.4	14.5	14.0	16.4	15.0	15.6	15.3	14.5	14.5	15.1	15.4
1981	15.5	16.1	16.0	16.2	16.4	15.7	16.1	15.9	16.8	18.0	17.5	17.5
UNEMPLOYMENT RATE - FEMALES 16-21 YEARS; MAJOR ACTIVITY SCHOOL												
1970	14.2	12.2	12.1	16.5	12.2	12.6	14.1	14.8	15.0	16.1	20.9	19.4
1971	18.6	19.2	20.1	22.0	21.7	19.0	15.9	16.8	19.9	18.4	18.8	18.1
1972	17.8	17.6	16.7	19.7	12.3	17.4	17.1	17.4	18.0	19.1	19.3	16.7
1973	14.1	17.0	15.4	17.2	16.0	16.6	17.6	17.5	15.8	16.2	15.1	16.7
1974	16.3	17.9	15.9	14.9	17.1	18.2	18.5	18.8	18.5	19.2	18.6	19.8
1975	20.8	20.4	22.0	19.3	22.1	19.9	19.3	19.4	19.7	21.7	20.4	21.3
1976	19.1	18.8	19.4	21.1	18.7	19.5	19.6	18.4	19.3	17.9	22.2	20.3
1977	20.1	20.3	21.1	20.6	20.8	18.0	18.4	19.1	20.4	19.9	20.6	18.0
1978	20.6	19.9	18.8	18.0	16.5	17.8	18.5	18.2	16.8	15.9	16.4	18.4
1979	17.2	16.5	16.6	17.3	18.3	15.7	17.6	18.6	15.2	19.3	16.1	20.8
1980	17.3	16.6	16.4	16.2	19.4	17.8	18.8	18.8	18.3	16.6	17.0	18.7
1981	17.7	19.7	19.2	19.7	19.0	20.0	19.6	19.0	20.2	21.1	22.1	20.6
UNEMPLOYMENT RATE - FEMALES 16-21 YEARS; MAJOR ACTIVITY OTHER												
1970	11.1	11.6	11.9	11.7	11.8	12.8	11.1	12.7	12.6	13.1	14.6	13.6
1971	13.3	13.3	13.7	13.4	13.7	14.2	14.5	13.8	13.3	13.2	14.4	13.8
1972	14.1	13.4	13.7	13.7	13.4	14.0	14.4	14.2	14.1	13.9	12.6	12.9
1973	12.2	12.8	11.8	12.6	12.1	12.0	11.4	11.5	12.7	11.6	12.9	12.6
1974	13.1	12.9	13.0	12.6	13.8	13.0	14.6	12.8	14.2	14.2	14.4	14.9
1975	15.7	16.6	17.5	16.6	18.2	16.4	17.5	18.1	16.8	17.0	16.7	17.4
1976	16.0	15.8	15.3	15.7	14.6	15.4	14.3	17.6	14.6	15.8	15.0	15.6
1977	16.2	15.6	15.6	15.2	14.6	15.9	14.7	14.1	14.5	14.8	14.7	13.9
1978	14.2	13.9	14.6	13.7	14.7	14.0	14.7	13.5	14.5	13.2	13.9	13.9
1979	13.2	13.2	12.7	13.6	13.4	14.2	12.3	14.1	14.2	14.0	13.7	13.7
1980	13.4	13.8	14.0	13.4	15.6	14.2	14.6	14.3	13.4	13.8	14.5	14.4
1981	14.9	14.9	15.0	15.1	15.6	14.4	15.1	15.0	15.8	17.1	16.0	16.5

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
UNEMPLOYMENT RATE - WHITE WORKERS												
1970	3.6	3.8	4.0	4.1	4.4	4.5	4.6	4.7	5.0	5.2	5.4	5.6
1971	5.5	5.3	5.5	5.4	5.4	5.5	5.5	5.6	5.4	5.4	5.6	5.4
1972	5.2	5.1	5.2	5.3	5.1	5.1	5.1	5.1	5.0	5.1	4.7	4.6
1973	4.5	4.5	4.4	4.5	4.3	4.3	4.2	4.3	4.3	4.1	4.3	4.4
1974	4.6	4.6	4.5	4.5	4.6	4.8	4.9	5.0	5.4	5.4	6.0	6.4
1975	7.4	7.4	7.6	8.0	8.4	8.1	8.0	7.7	7.7	7.7	7.6	7.4
1976	7.2	6.9	6.9	6.9	6.7	6.9	7.1	7.1	7.0	7.0	7.1	7.0
1977	6.9	6.9	6.7	6.4	6.3	6.4	6.0	6.0	6.0	5.9	5.8	5.5
1978	5.5	5.5	5.4	5.3	5.2	5.0	5.3	5.1	5.2	5.0	5.0	5.2
1979	5.1	5.0	5.1	5.0	4.9	4.9	4.9	5.3	5.2	5.2	5.2	5.2
1980	5.4	5.4	5.5	6.1	6.7	6.7	6.9	6.8	6.6	6.7	6.6	6.4
1981	6.6	6.5	6.4	6.4	6.7	6.4	6.3	6.2	6.6	7.0	7.4	7.7
UNEMPLOYMENT RATE - WHITE WORKERS 16-19 YEARS												
1970	11.7	11.6	11.9	13.1	12.8	14.3	13.0	13.8	14.4	14.9	15.4	15.4
1971	15.3	14.4	15.2	14.7	15.0	15.9	15.8	15.0	15.2	15.2	15.5	14.9
1972	14.8	15.4	15.1	14.8	13.3	14.1	13.7	14.6	14.6	13.6	13.3	13.3
1973	11.9	13.1	12.5	13.5	13.1	11.8	12.0	12.1	12.4	12.8	13.2	12.9
1974	12.9	13.0	12.8	12.5	13.4	14.3	14.2	13.0	12.4	15.0	15.5	15.8
1975	17.2	17.1	17.6	17.7	18.3	19.1	18.8	18.6	15.3	17.7	17.2	17.7
1976	17.7	17.1	16.9	17.1	16.3	16.4	16.4	17.1	17.5	16.7	17.2	17.2
1977	16.9	16.4	16.4	15.9	15.7	16.5	14.7	14.6	16.3	14.7	14.6	12.7
1978	14.0	14.7	14.5	14.2	13.5	12.6	13.9	13.5	15.5	13.9	13.7	14.3
1979	14.0	13.7	13.7	13.9	13.7	13.3	13.6	14.7	13.9	14.5	13.9	14.1
1980	14.1	13.9	13.9	14.6	16.7	16.4	16.8	17.0	14.5	14.3	13.9	15.2
1981	16.6	17.2	16.8	17.0	17.5	16.8	16.4	16.1	15.2	16.2	16.3	19.0
									17.2	17.7	19.0	
UNEMPLOYMENT RATE - WHITE WORKERS 20 YEARS AND OVER												
1970	2.8	3.1	3.3	3.3	3.6	3.6	3.9	3.8	4.0	4.2	4.5	4.6
1971	4.5	4.5	4.6	4.5	4.5	4.5	4.4	4.6	4.5	4.4	4.6	4.5
1972	4.3	4.0	4.2	4.3	4.3	4.2	4.2	4.1	4.1	4.2	3.8	3.7
1973	3.7	3.6	3.5	3.5	3.4	3.5	3.4	3.5	3.4	3.2	3.3	3.5
1974	3.7	3.7	3.6	3.7	3.7	3.8	3.9	4.1	4.3	4.4	4.9	5.4
1975	6.3	6.4	6.8	7.0	7.3	6.9	6.9	6.6	6.7	6.7	6.6	6.4
1976	6.1	5.8	5.8	5.8	5.7	5.9	6.1	6.0	6.0	6.0	6.0	5.9
1977	5.7	5.8	5.6	5.4	5.2	5.3	5.1	5.1	4.9	5.0	4.9	4.7
1978	4.6	4.5	4.4	4.3	4.3	4.2	4.4	4.2	4.3	4.1	4.1	4.3
1979	4.2	4.1	4.2	4.1	4.0	4.0	4.0	4.3	4.2	4.3	4.3	4.3
1980	4.6	4.6	4.7	5.3	5.7	5.7	5.9	5.9	5.8	5.7	5.7	5.5
1981	5.7	5.5	5.5	5.4	5.7	5.5	5.4	5.4	5.6	6.0	6.3	6.7
UNEMPLOYMENT RATE - WHITE MALES												
1970	3.0	3.3	3.4	3.7	3.8	4.1	4.3	4.3	4.5	4.7	4.9	5.1
1971	5.0	4.8	4.9	4.8	5.0	4.9	5.0	5.1	4.9	4.9	5.0	5.0
1972	4.8	4.7	4.8	4.7	4.6	4.6	4.3	4.5	4.5	4.6	4.2	4.0
1973	3.9	3.9	3.8	3.8	3.8	3.7	3.5	3.7	3.7	3.6	3.7	3.8
1974	3.9	4.0	3.8	4.0	4.0	4.1	4.2	4.3	4.6	4.8	5.2	5.7
1975	6.6	6.7	7.1	7.4	7.8	7.7	7.6	7.3	7.5	7.3	7.1	6.8
1976	6.6	6.2	6.2	6.3	6.3	6.4	6.5	6.3	6.5	6.4	6.6	6.4
1977	6.1	6.3	5.9	5.7	5.7	5.7	5.3	5.3	5.1	5.2	5.0	4.8
1978	4.8	4.9	4.9	4.5	4.4	4.2	4.4	4.4	4.4	4.5	4.3	4.6
1979	4.5	4.4	4.4	4.3	4.2	4.2	4.4	4.6	4.6	4.6	4.7	4.7
1980	5.0	4.9	5.2	6.0	6.7	6.7	6.9	6.8	6.7	6.7	6.6	6.2
1981	6.4	6.4	6.3	6.2	6.5	6.2	5.9	6.1	6.4	6.9	7.4	7.9
UNEMPLOYMENT RATE - WHITE MALES 16-19 YEARS												
1970	10.9	11.6	11.4	13.0	13.5	15.4	14.2	14.2	14.6	15.1	15.1	15.1
1971	15.5	14.2	14.9	14.5	14.8	16.0	15.7	15.5	14.9	15.3	15.1	15.5
1972	15.3	16.2	15.7	14.5	13.8	13.5	12.9	14.3	14.5	13.2	13.3	13.1
1973	11.8	12.2	12.1	12.7	12.8	11.6	11.7	12.4	12.4	12.6	12.9	12.5
1974	12.4	12.5	12.0	12.2	13.3	13.7	13.5	12.7	14.9	14.5	15.2	15.7
1975	17.3	17.8	17.9	18.4	18.4	20.5	19.5	18.9	17.9	17.7	17.5	17.8
1976	18.7	17.0	17.4	18.0	17.6	16.6	17.2	16.4	16.6	17.2	17.8	17.0
1977	16.1	16.0	15.9	15.1	15.1	16.8	14.2	14.6	15.2	14.1	13.9	12.3
1978	13.2	14.4	14.1	13.9	12.5	11.9	13.3	12.9	13.3	14.3	13.2	14.4
1979	14.1	14.1	14.0	14.1	13.9	12.5	13.5	14.7	14.5	13.9	14.0	13.7
1980	14.2	13.6	13.3	15.0	17.4	17.7	17.9	18.0	16.2	17.7	17.6	15.8
1981	17.5	18.0	17.7	17.3	17.9	17.7	16.6	16.7	17.5	17.9	19.6	20.2
UNEMPLOYMENT RATE - WHITE MALES 20 YEARS AND OVER												
1970	2.4	2.6	2.7	2.9	3.0	3.2	3.4	3.5	3.6	3.9	4.0	4.2
1971	4.1	4.0	4.0	4.0	4.1	4.0	4.0	4.2	4.1	4.0	4.1	4.0
1972	3.9	3.7	3.8	3.8	3.7	3.8	3.6	3.5	3.6	3.8	3.4	3.2
1973	3.2	3.1	3.1	3.0	3.0	3.0	2.8	2.9	2.9	2.7	2.8	2.9
1974	3.1	3.1	3.0	3.2	3.1	3.2	3.3	3.5	3.6	3.9	4.2	4.8
1975	5.5	5.7	6.1	6.4	6.8	6.5	6.5	6.2	6.5	6.3	6.2	5.8
1976	5.5	5.2	5.2	5.2	5.2	5.5	5.5	5.4	5.5	5.4	5.5	5.4
1977	5.2	5.3	5.0	4.9	4.8	4.6	4.5	4.4	4.2	4.3	4.2	4.1
1978	4.0	4.0	4.0	3.7	3.7	3.5	3.6	3.5	3.6	3.6	3.5	3.7
1979	3.6	3.5	3.5	3.4	3.3	3.4	3.6	3.7	3.7	3.8	3.9	3.8
1980	4.2	4.1	4.4	5.2	5.8	5.7	5.9	5.9	5.9	5.7	5.7	5.4
1981	5.5	5.4	5.3	5.2	5.6	5.3	5.0	5.2	5.5	5.9	6.4	6.9

HOUSEHOLD DATA
SEASONALLY ADJUSTED

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
UNEMPLOYMENT RATE - WHITE FEMALES												
1970.....	4.5	4.7	5.1	4.9	5.3	5.1	5.3	5.4	5.8	5.9	6.4	6.4
1971.....	6.4	6.2	6.5	6.4	6.2	6.4	6.2	6.4	6.3	6.2	6.6	6.2
1972.....	5.9	5.7	6.0	6.2	6.1	6.1	6.3	6.2	6.0	5.9	5.4	5.5
1973.....	5.5	5.5	5.3	5.4	5.2	5.3	5.2	5.3	5.3	5.1	5.3	5.5
1974.....	5.6	5.6	5.6	5.5	5.7	6.0	6.0	6.0	6.7	6.3	7.2	7.5
1975.....	8.6	8.5	8.8	9.0	9.3	8.8	8.7	8.4	8.1	8.4	8.2	8.4
1976.....	8.1	8.0	7.8	7.8	7.4	7.6	7.9	8.2	7.8	7.9	7.9	7.8
1977.....	7.7	7.7	7.8	7.5	7.1	7.5	7.1	7.2	7.2	7.0	7.0	6.5
1978.....	6.6	6.3	6.1	6.3	6.3	6.2	6.5	6.2	6.3	5.8	6.1	6.1
1979.....	5.9	6.0	6.0	5.9	5.8	5.9	5.7	6.2	5.9	6.0	5.9	6.0
1980.....	6.0	6.2	6.0	6.3	6.7	6.6	6.8	6.9	6.5	6.7	6.6	6.6
1981.....	6.8	6.7	6.8	6.8	7.0	6.7	6.8	6.4	6.9	7.1	7.4	7.4
UNEMPLOYMENT RATE - WHITE FEMALES 16-19 YEARS												
1970.....	12.6	11.7	12.6	13.1	12.0	12.9	11.4	13.5	14.2	14.6	15.9	15.7
1971.....	15.0	14.8	15.5	14.9	15.1	15.8	15.9	14.5	15.6	15.0	16.0	14.1
1972.....	14.3	14.3	14.4	15.1	12.8	14.9	14.7	15.1	14.6	14.1	13.2	13.5
1973.....	12.1	14.2	13.0	14.6	13.4	12.0	12.3	11.8	12.4	13.1	13.6	13.4
1974.....	13.5	13.6	13.7	12.9	13.5	15.1	15.2	13.4	15.7	15.5	15.8	16.0
1975.....	17.1	16.2	17.4	16.8	18.3	17.5	17.9	18.3	17.0	17.8	16.7	17.7
1976.....	16.5	17.1	16.3	16.0	14.9	16.1	15.6	18.0	16.0	16.2	16.4	17.3
1977.....	17.8	16.8	17.0	16.8	16.5	16.2	15.2	14.6	15.9	15.5	15.5	13.0
1978.....	14.9	15.0	14.9	14.6	14.6	13.3	14.4	14.2	14.6	13.5	14.3	14.3
1979.....	13.8	13.3	13.4	13.7	13.5	14.1	13.7	14.6	14.4	14.7	13.8	14.6
1980.....	14.0	14.3	14.8	14.1	16.0	15.0	15.5	15.9	14.0	14.6	14.8	14.6
1981.....	15.5	16.3	15.7	16.6	17.0	15.9	16.2	15.4	16.8	17.5	18.3	17.7
UNEMPLOYMENT RATE - WHITE FEMALES 20 YEARS AND OVER												
1970.....	3.5	3.8	4.2	4.0	4.5	4.2	4.6	4.4	4.8	4.8	5.3	5.4
1971.....	5.4	5.2	5.5	5.4	5.2	5.3	5.1	5.4	5.2	5.1	5.5	5.3
1972.....	4.9	4.6	4.9	5.1	5.3	5.0	5.3	5.1	4.9	4.9	4.5	4.5
1973.....	4.7	4.4	4.3	4.3	4.1	4.4	4.4	4.5	4.4	4.0	4.2	4.4
1974.....	4.5	4.6	4.6	4.5	4.7	4.8	4.8	5.0	5.5	5.1	6.1	6.4
1975.....	7.5	7.5	7.7	8.0	8.1	7.7	7.5	7.2	7.0	7.2	7.2	7.3
1976.....	7.1	6.8	6.8	6.8	6.5	6.6	7.0	7.0	6.8	6.9	6.8	6.6
1977.....	6.5	6.6	6.6	6.3	5.9	6.4	6.2	6.2	6.1	6.0	6.0	5.7
1978.....	5.6	5.3	5.1	5.3	5.3	5.3	5.5	5.2	5.3	4.8	5.1	5.1
1979.....	5.0	5.1	5.1	4.9	4.9	4.9	4.7	5.2	4.9	5.0	4.9	5.0
1980.....	5.1	5.2	5.0	5.5	5.6	5.7	5.8	5.9	5.7	5.8	5.7	5.8
1981.....	5.9	5.7	5.7	5.7	5.9	5.7	5.8	5.5	5.9	6.1	6.3	6.4
UNEMPLOYMENT RATE - BLACK AND OTHER WORKERS												
1970.....	6.7	7.2	7.3	8.1	7.9	8.7	8.1	8.5	8.6	8.9	9.2	9.6
1971.....	9.8	9.7	9.4	9.7	10.1	9.6	10.1	10.0	10.2	10.3	9.6	10.3
1972.....	10.8	10.5	10.2	9.4	10.0	9.7	10.0	9.9	10.0	10.1	10.0	9.4
1973.....	8.8	9.0	8.9	9.2	9.1	9.1	9.5	9.0	9.3	8.5	9.0	8.5
1974.....	9.2	9.3	9.2	8.8	9.2	9.3	9.9	9.5	10.0	10.9	11.6	12.4
1975.....	13.1	13.3	14.0	14.2	14.2	14.1	13.4	14.0	14.4	13.9	13.6	13.6
1976.....	13.2	13.6	12.7	13.0	12.3	13.4	12.9	13.3	12.9	13.1	13.2	13.4
1977.....	12.7	13.1	12.9	12.3	12.8	13.1	13.0	14.0	13.2	13.3	13.6	12.6
1978.....	12.8	11.9	12.5	11.9	12.2	11.9	12.3	11.6	11.4	11.1	11.8	11.5
1979.....	11.3	11.9	11.3	11.8	11.4	11.2	10.9	11.1	10.7	11.3	11.0	11.4
1980.....	11.9	11.8	11.9	12.7	13.6	13.4	14.0	13.5	13.8	13.9	13.8	13.6
1981.....	12.8	13.2	13.6	13.2	13.7	14.2	13.8	14.7	14.8	15.2	15.2	15.7
UNEMPLOYMENT RATE - BLACK AND OTHER WORKERS 16-19 YEARS												
1970.....	26.5	25.8	24.8	28.0	25.6	31.6	28.7	30.9	31.2	31.8	32.8	31.1
1971.....	30.8	30.9	31.5	30.7	31.3	35.3	32.8	33.1	30.1	31.6	29.1	33.4
1972.....	34.5	39.2	34.7	32.4	31.2	30.1	30.5	31.3	31.9	34.0	36.4	35.2
1973.....	29.2	31.3	28.7	31.5	29.8	30.3	31.5	29.5	33.4	27.7	29.5	29.1
1974.....	29.1	30.1	32.3	29.6	31.0	32.3	37.3	31.0	31.7	34.1	37.4	37.5
1975.....	39.4	36.5	39.2	37.4	36.4	35.4	34.8	37.5	35.6	36.3	38.7	36.2
1976.....	35.2	35.4	35.1	38.3	37.3	39.9	33.3	40.1	37.8	37.6	36.1	34.9
1977.....	36.0	36.7	38.2	36.0	37.6	38.9	39.7	40.2	37.4	37.2	38.7	37.4
1978.....	38.6	37.0	38.5	35.8	37.7	36.1	36.1	33.5	34.8	33.4	35.9	34.0
1979.....	32.6	34.1	31.6	35.3	36.4	33.3	31.1	32.1	31.7	34.0	32.5	33.4
1980.....	34.2	36.8	33.2	31.5	35.6	34.2	36.5	35.9	37.5	36.2	35.5	37.0
1981.....	36.3	35.5	36.6	35.6	34.3	38.2	36.7	42.8	37.7	41.7	40.1	39.0
UNEMPLOYMENT RATE - BLACK AND OTHER WORKERS 20 YEARS AND OVER												
1970.....	4.7	5.3	5.6	6.1	6.2	6.4	6.2	6.5	6.5	6.7	6.9	7.5
1971.....	7.9	7.8	7.3	7.8	8.1	7.5	7.9	7.9	8.4	8.4	7.9	8.1
1972.....	8.5	7.8	7.8	7.2	8.0	7.7	8.0	7.7	7.9	7.9	7.4	6.9
1973.....	6.8	6.8	7.0	6.9	7.0	6.9	7.3	7.0	6.9	6.6	7.0	6.5
1974.....	7.1	7.2	6.9	6.8	7.1	7.0	7.2	7.4	7.7	8.5	9.1	9.9
1975.....	10.5	10.9	11.5	11.8	12.0	12.0	11.4	11.8	12.3	11.7	11.6	11.8
1976.....	11.1	11.5	10.5	10.5	10.0	11.2	11.0	10.7	10.6	10.8	11.1	11.5
1977.....	10.6	11.1	10.7	10.3	10.8	10.7	10.5	11.4	10.9	11.0	11.2	10.2
1978.....	10.4	9.5	10.1	9.7	9.8	9.6	9.9	9.4	9.2	9.0	9.5	9.4
1979.....	9.3	9.8	9.5	9.5	9.1	9.2	9.1	9.2	8.9	9.3	9.1	9.4
1980.....	9.9	9.5	10.0	11.1	11.7	11.6	12.0	11.6	11.7	12.0	11.9	11.7
1981.....	10.7	11.4	11.7	11.3	11.9	12.2	12.0	12.5	13.0	13.1	13.3	13.9

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
UNEMPLOYMENT RATE - BLACK AND OTHER MALES												
1970	5.7	6.2	6.3	7.1	6.9	8.0	7.4	7.5	8.1	8.2	7.9	9.0
1971	9.6	9.0	8.5	8.5	8.6	9.1	9.2	9.2	9.4	9.9	9.3	9.4
1972	9.6	10.2	9.3	8.7	9.4	8.0	9.2	8.9	8.5	8.3	8.6	8.5
1973	7.2	7.5	7.6	8.2	8.2	7.7	8.5	7.7	7.7	7.6	7.7	7.1
1974	8.0	8.7	9.0	8.3	8.0	9.1	8.7	9.0	9.8	10.0	10.9	11.7
1975	12.8	12.9	13.6	14.3	14.0	14.3	13.7	13.8	14.2	13.7	13.5	13.5
1976	12.9	13.1	12.4	12.4	11.9	13.4	12.1	12.4	12.3	12.6	13.1	13.3
1977	12.1	12.3	12.2	10.7	12.2	12.4	12.7	13.9	12.6	13.0	12.3	11.5
1978	12.0	11.3	11.4	11.2	11.3	10.5	10.6	10.5	10.5	10.1	11.0	10.8
1979	10.2	11.1	11.1	10.7	10.3	10.0	10.1	9.8	9.7	10.5	10.4	10.7
1980	11.4	11.7	11.4	12.4	13.4	13.8	14.3	14.2	15.0	14.0	13.7	13.5
1981	12.8	12.9	12.8	12.9	13.6	14.3	13.7	14.8	14.5	15.0	15.6	16.3
UNEMPLOYMENT RATE - BLACK AND OTHER MALES 16-19 YEARS												
1970	21.7	21.4	20.6	24.3	21.2	28.4	24.3	26.3	29.3	28.5	26.3	28.1
1971	29.1	29.5	29.1	27.6	29.7	33.5	29.9	28.4	27.2	29.6	25.7	27.9
1972	31.4	39.4	31.5	28.0	29.9	23.5	23.7	27.8	26.6	29.3	33.3	32.9
1973	25.3	26.6	25.2	29.0	27.4	26.7	29.1	25.1	27.4	24.6	27.7	27.6
1974	26.5	28.8	32.7	28.5	25.4	33.1	32.1	31.4	34.3	31.5	35.9	36.7
1975	39.1	32.8	36.5	36.3	38.8	36.7	34.7	37.9	32.8	35.7	31.2	32.7
1976	32.8	34.4	31.8	35.7	35.5	39.4	28.9	38.1	38.3	37.6	34.6	34.5
1977	33.8	36.8	38.6	34.3	37.5	36.6	39.0	39.4	38.5	35.7	37.1	34.9
1978	35.6	34.1	36.7	34.0	37.5	32.6	32.5	30.9	34.1	31.2	36.6	32.8
1979	33.2	33.3	32.0	32.2	31.1	31.5	30.4	27.8	29.2	30.9	31.1	31.8
1980	31.9	34.3	31.5	28.8	33.1	32.7	34.7	36.9	37.4	37.3	38.9	38.3
1981	38.6	35.7	33.6	36.5	34.6	38.8	37.4	43.5	36.8	38.4	39.0	37.4
UNEMPLOYMENT RATE - BLACK AND OTHER MALES 20 YEARS AND OVER												
1970	4.1	4.7	4.8	5.4	5.5	5.9	5.9	5.8	6.1	6.3	6.2	7.2
1971	7.7	7.0	6.5	6.7	6.6	7.0	7.2	7.4	7.8	8.0	7.7	7.7
1972	7.5	7.3	7.1	6.8	7.3	6.4	7.8	6.9	6.7	6.3	6.1	5.9
1973	5.5	5.6	5.8	6.0	6.3	5.8	6.4	6.0	5.7	5.9	5.7	5.0
1974	6.0	6.7	6.5	6.3	6.3	6.6	6.3	6.8	7.2	7.7	8.3	9.3
1975	10.2	10.9	11.4	12.1	12.0	12.1	11.8	11.6	12.5	11.6	11.9	11.8
1976	11.0	11.0	10.5	10.1	9.7	11.2	10.6	10.0	9.8	10.3	11.0	11.3
1977	10.1	10.1	9.8	8.7	10.0	10.0	10.1	11.2	10.5	10.8	9.8	9.2
1978	9.7	9.0	8.9	9.0	8.8	8.4	8.4	8.6	8.3	8.1	8.6	8.7
1979	9.1	9.0	9.0	8.7	8.3	8.0	8.3	8.1	8.0	8.7	8.6	8.9
1980	9.6	9.7	9.6	11.0	11.6	12.1	12.4	12.3	12.9	11.8	11.7	11.3
1981	10.4	11.0	11.0	10.8	11.7	12.3	11.8	12.4	12.8	13.1	13.7	14.6
UNEMPLOYMENT RATE - BLACK AND OTHER FEMALES												
1970	7.9	8.4	8.5	9.3	9.1	9.5	9.0	9.9	9.2	9.8	10.8	10.2
1971	10.0	10.7	10.6	11.3	11.9	10.2	11.2	11.0	11.1	10.9	10.0	11.3
1972	12.2	10.9	11.4	10.3	10.9	11.7	11.1	11.2	11.8	12.4	11.6	10.6
1973	10.6	10.9	10.6	10.5	10.1	11.0	10.7	10.6	11.3	9.7	10.5	10.4
1974	10.7	10.0	9.5	9.5	10.7	9.7	11.4	10.0	10.2	11.9	12.5	13.2
1975	13.4	13.7	14.3	14.0	14.5	13.8	13.1	14.3	14.7	14.2	13.6	13.6
1976	13.6	14.1	13.1	13.7	12.8	13.4	13.7	14.3	13.6	13.6	13.8	13.5
1977	13.4	14.1	13.8	14.2	13.5	14.1	13.5	14.2	13.9	13.7	15.1	13.8
1978	13.6	12.6	13.8	12.6	13.3	13.5	14.2	12.7	12.4	12.3	12.7	12.4
1979	12.5	12.8	11.7	13.0	12.7	12.6	11.8	12.5	11.9	12.3	11.6	12.1
1980	12.4	11.9	12.4	13.0	13.9	13.0	13.7	12.7	12.5	13.7	13.8	13.8
1981	12.8	13.5	14.4	13.6	13.8	14.0	13.9	14.7	15.0	15.5	14.9	15.0
UNEMPLOYMENT RATE - BLACK AND OTHER FEMALES 16-19 YEARS												
1970	32.5	31.6	30.9	33.1	31.3	35.7	38.2	36.8	33.6	36.0	40.3	35.1
1971	33.3	32.7	34.5	34.6	33.4	37.8	36.7	39.8	33.8	34.5	33.7	40.0
1972	38.4	38.9	38.9	38.2	33.1	40.1	39.6	36.1	39.1	40.1	40.7	38.6
1973	34.5	37.1	33.2	34.8	33.0	34.4	34.4	34.8	40.5	32.0	31.9	31.1
1974	32.5	31.7	31.8	31.1	37.8	31.4	43.8	30.5	28.4	37.5	39.4	38.4
1975	39.7	40.9	42.4	38.8	38.3	33.8	34.9	37.0	38.6	37.0	38.7	40.0
1976	38.0	36.5	38.9	41.4	39.5	40.5	38.5	42.4	37.2	37.7	38.0	35.5
1977	38.8	36.5	37.6	38.0	37.8	41.6	40.7	41.2	40.7	39.1	40.6	40.6
1978	42.2	40.6	40.6	38.0	37.9	40.0	40.2	36.4	35.7	35.9	35.1	35.3
1979	32.1	35.0	31.2	38.5	42.6	35.4	31.8	37.5	34.7	37.5	34.0	35.0
1980	36.6	39.4	35.1	34.6	38.6	36.1	38.7	34.8	37.6	34.8	36.3	35.3
1981	33.5	35.2	40.1	34.6	34.0	37.6	35.8	41.8	38.8	45.0	41.3	40.8
UNEMPLOYMENT RATE - BLACK AND OTHER FEMALES 20 YEARS AND OVER												
1970	5.4	6.1	6.6	7.1	6.9	7.0	6.7	7.3	6.9	7.2	7.7	7.9
1971	8.0	8.8	8.3	9.1	10.0	8.1	8.9	8.6	9.0	8.9	8.0	8.5
1972	9.8	8.4	8.8	7.7	8.9	9.2	8.4	8.7	9.4	9.9	8.9	8.1
1973	8.5	9.3	8.4	8.0	7.9	8.4	8.3	8.1	8.2	7.6	8.5	8.4
1974	8.5	8.0	7.4	7.5	8.0	7.5	8.2	8.1	8.4	9.4	10.0	10.8
1975	10.8	10.9	11.6	11.5	12.0	11.9	10.9	12.1	12.2	11.9	11.2	10.9
1976	11.2	12.0	10.6	11.0	10.3	11.2	11.5	11.6	11.5	11.5	11.2	11.7
1977	11.1	12.2	11.8	12.1	11.7	11.5	11.0	11.7	11.5	11.3	12.7	11.4
1978	11.1	10.1	11.4	10.4	11.0	10.9	11.6	10.4	10.2	10.1	10.6	10.2
1979	10.7	10.7	9.9	10.5	10.0	10.5	10.0	10.4	9.9	10.0	9.6	10.0
1980	10.2	9.4	10.4	11.2	11.8	11.1	11.5	10.9	10.4	12.1	12.1	12.1
1981	11.1	11.8	12.4	11.9	12.2	12.2	12.2	12.7	13.2	13.0	12.8	13.1

HOUSEHOLD DATA
SEASONALLY ADJUSTED

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
UNEMPLOYMENT RATE - BLACK WORKERS												
1972.....	11.1	10.9	10.5	9.9	10.3	10.2	10.5	10.6	10.4	10.6	10.1	9.4
1973.....	9.0	10.5	10.3	10.0	9.7	9.8	9.9	9.2	9.7	8.9	9.3	9.0
1974.....	9.5	9.6	9.6	9.5	9.8	10.1	10.4	10.0	10.8	11.5	12.5	13.1
1975.....	14.1	14.2	15.0	15.3	15.2	15.0	14.2	15.2	15.4	14.9	14.6	14.5
1976.....	14.2	14.4	13.5	13.7	13.2	14.3	14.0	14.3	13.7	13.9	14.0	14.1
1977.....	13.7	14.2	13.8	12.8	13.6	13.9	13.9	15.1	14.5	14.5	14.7	13.6
1978.....	13.9	13.0	13.1	12.8	13.0	12.7	13.0	12.3	12.0	11.8	12.7	12.4
1979.....	12.3	13.3	12.4	12.8	12.4	12.2	12.1	12.3	11.9	12.3	11.9	12.2
1980.....	12.9	12.8	12.8	13.8	14.5	14.6	15.2	14.6	15.1	15.2	15.1	15.1
1981.....	14.3	14.6	15.0	14.7	15.0	15.6	14.9	16.3	16.3	16.8	16.8	17.3
UNEMPLOYMENT RATE - BLACK WORKERS 16-19 YEARS												
1972.....	36.3	39.0	35.0	35.6	34.2	32.8	33.7	35.3	33.9	36.4	37.1	36.5
1973.....	30.3	38.5	36.7	33.6	33.0	32.5	34.2	30.4	34.4	29.6	30.6	31.2
1974.....	31.1	31.0	34.2	32.3	33.7	34.5	39.6	32.4	34.7	35.7	40.1	39.6
1975.....	42.7	37.7	40.4	40.8	39.3	38.5	36.2	42.8	40.0	40.1	36.8	38.0
1976.....	37.3	36.7	37.2	38.1	40.1	42.7	37.2	42.4	40.0	40.2	39.3	38.7
1977.....	40.3	40.2	40.9	38.0	40.3	42.4	43.5	43.3	40.5	40.3	41.5	40.3
1978.....	41.4	40.2	41.8	39.7	40.3	38.7	37.9	37.1	36.7	34.6	38.3	36.4
1979.....	34.5	37.0	34.0	38.4	38.1	37.7	35.4	36.4	36.1	38.0	36.0	36.2
1980.....	37.5	39.0	36.6	34.6	38.4	37.3	39.5	39.7	40.7	39.7	38.1	40.4
1981.....	39.7	38.3	39.7	40.2	36.9	40.9	40.0	49.0	40.8	45.6	44.1	42.2
UNEMPLOYMENT RATE - BLACK WORKERS 20 YEARS AND OVER												
1972.....	9.7	8.2	8.1	7.3	7.9	7.9	8.2	8.1	8.1	8.1	7.4	6.7
1973.....	7.0	7.2	7.3	7.5	7.3	7.4	7.4	7.1	7.1	6.7	7.1	6.8
1974.....	7.2	7.4	7.1	7.3	7.3	7.6	7.4	7.8	8.3	8.9	9.7	10.5
1975.....	11.2	11.8	12.5	12.7	12.7	12.7	12.0	12.7	13.0	12.4	12.4	12.2
1976.....	11.9	12.2	11.1	11.2	10.5	11.7	11.8	11.5	11.2	11.5	11.6	11.8
1977.....	11.4	11.9	11.5	10.6	11.2	11.1	11.1	12.2	11.9	12.0	11.9	11.0
1978.....	11.2	10.4	10.3	10.3	10.3	10.2	10.4	9.8	9.7	9.6	10.2	10.1
1979.....	10.2	11.0	10.3	10.3	10.0	9.8	9.9	10.1	9.7	10.0	9.7	10.1
1980.....	10.6	10.4	10.7	12.0	12.3	12.5	13.0	12.5	12.7	13.0	13.1	12.8
1981.....	11.9	12.6	12.8	12.5	13.1	13.6	12.9	13.7	14.3	14.3	14.6	15.3
UNEMPLOYMENT RATE - BLACK MALES												
1972.....	10.3	10.3	9.1	9.0	9.5	8.4	9.6	9.6	9.1	9.0	8.9	8.6
1973.....	7.5	9.5	9.5	8.7	8.9	8.2	8.8	7.9	8.1	8.0	7.9	7.4
1974.....	8.4	8.8	9.4	8.9	8.7	9.9	9.0	9.7	10.7	10.8	11.8	12.6
1975.....	13.9	13.7	14.7	15.6	14.9	15.6	14.5	15.1	15.3	14.8	14.7	14.8
1976.....	14.1	13.9	13.2	13.2	13.1	14.3	13.4	13.5	13.4	13.7	14.0	13.9
1977.....	13.0	13.0	13.0	10.9	13.3	13.0	13.6	15.3	13.9	14.2	13.5	12.6
1978.....	13.4	12.4	12.1	12.1	11.9	11.2	11.3	11.2	11.0	10.8	12.1	11.6
1979.....	11.4	12.3	12.2	11.6	11.2	11.0	11.2	11.0	10.8	11.5	11.3	11.8
1980.....	12.8	12.6	12.4	13.7	14.5	15.2	15.8	15.6	16.8	15.4	15.0	14.8
1981.....	14.3	14.2	14.0	14.6	15.1	15.9	14.9	16.5	16.4	16.8	17.5	18.1
UNEMPLOYMENT RATE - BLACK MALES 16-19 YEARS												
1972.....	33.1	36.9	30.5	31.2	33.0	25.8	27.8	31.3	29.9	32.9	34.1	33.5
1973.....	25.6	38.7	38.0	30.9	32.2	30.0	32.2	25.4	28.5	26.8	27.9	28.7
1974.....	28.2	27.8	32.9	30.6	28.1	35.4	34.8	33.0	36.6	32.4	38.1	37.8
1975.....	42.3	33.5	37.5	40.4	38.0	39.3	35.6	44.4	37.3	39.9	34.0	35.7
1976.....	34.7	34.6	33.5	33.7	39.5	43.6	33.6	39.7	39.7	39.5	36.7	37.3
1977.....	37.5	39.5	40.7	36.9	40.4	38.4	41.4	43.0	37.2	38.5	39.4	36.8
1978.....	38.3	37.7	40.4	38.2	40.0	34.7	34.2	35.1	36.0	31.3	38.2	34.3
1979.....	34.4	35.9	34.0	34.5	32.1	35.7	34.2	31.4	33.2	34.6	34.7	35.1
1980.....	35.1	36.2	34.6	31.6	35.8	35.5	37.8	41.0	40.8	40.2	37.2	41.8
1981.....	41.8	38.2	35.7	41.5	37.6	40.6	41.8	49.9	38.5	41.6	41.9	39.6
UNEMPLOYMENT RATE - BLACK MALES 20 YEARS AND OVER												
1972.....	8.1	7.6	7.0	6.7	7.0	6.5	7.8	7.2	7.0	6.6	6.3	6.0
1973.....	5.7	5.8	6.1	6.3	6.4	6.1	6.4	6.1	5.9	6.0	5.8	5.2
1974.....	6.3	6.9	6.8	6.7	6.7	7.2	6.3	7.3	7.9	8.4	9.0	10.0
1975.....	11.1	11.6	12.5	13.0	12.6	13.1	12.5	12.5	13.2	12.4	12.9	12.9
1976.....	12.0	11.9	11.2	10.9	10.4	11.7	11.5	10.9	10.8	11.1	11.9	11.6
1977.....	10.8	10.6	10.5	8.9	10.8	10.4	10.6	12.1	11.5	11.7	10.7	10.0
1978.....	10.8	9.8	9.2	9.6	9.2	8.9	8.8	9.0	8.6	8.8	9.4	9.4
1979.....	9.1	9.9	9.9	9.4	9.1	8.7	9.1	9.1	8.7	9.4	9.3	9.8
1980.....	10.8	10.5	10.4	12.1	12.5	13.2	13.7	13.5	14.4	13.0	12.9	12.2
1981.....	11.5	12.0	12.1	12.1	13.0	13.7	12.7	13.6	14.5	14.7	15.5	16.5

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
UNEMPLOYMENT RATE - BLACK FEMALES												
1972.....	12.1	11.7	12.1	11.0	11.2	12.5	11.7	12.0	12.1	12.7	11.4	10.4
1973.....	11.0	11.6	11.2	11.6	10.7	11.8	11.2	10.9	11.7	9.9	11.0	11.0
1974.....	10.8	10.5	10.0	10.3	11.1	10.5	12.0	10.4	11.0	12.4	13.3	13.8
1975.....	14.2	14.9	15.3	15.1	15.4	14.4	13.7	15.4	15.5	15.0	14.4	14.2
1976.....	14.4	14.9	13.8	14.4	13.4	14.2	14.6	15.2	14.0	14.3	13.9	14.2
1977.....	14.6	15.6	14.8	14.9	13.8	15.1	14.3	14.9	15.1	14.8	15.9	14.7
1978.....	14.5	13.7	14.2	13.6	14.1	14.4	14.8	13.3	13.2	12.9	13.5	13.3
1979.....	13.4	14.5	12.7	14.0	13.7	13.5	13.0	13.8	13.0	13.3	12.4	12.7
1980.....	12.9	13.1	13.3	13.9	14.5	14.0	14.6	13.6	13.3	14.9	15.1	15.3
1981.....	14.2	15.1	16.0	14.8	14.9	15.4	14.8	16.1	16.2	16.7	16.1	16.3
UNEMPLOYMENT RATE - BLACK FEMALES 16-19 YEARS												
1972.....	40.2	41.8	40.7	41.7	36.0	43.1	41.8	48.9	39.2	40.9	41.1	40.6
1973.....	36.4	38.1	34.8	37.0	34.1	35.1	36.6	36.4	41.4	33.4	34.0	36.2
1974.....	34.9	35.1	36.1	34.7	40.6	33.4	45.5	31.7	32.3	40.1	42.7	42.1
1975.....	43.2	42.7	43.8	41.3	40.8	37.4	37.0	41.0	43.0	40.3	39.7	40.4
1976.....	40.2	38.9	41.2	43.6	40.9	41.7	41.4	45.5	40.2	41.0	42.4	40.7
1977.....	43.4	41.1	41.2	41.4	40.1	47.1	46.5	43.6	44.3	42.5	44.2	44.6
1978.....	45.0	43.3	43.5	41.5	40.7	42.9	42.1	39.2	37.5	38.1	38.3	38.6
1979.....	34.5	38.4	34.0	42.5	45.2	40.0	36.7	42.5	39.4	41.6	37.3	37.1
1980.....	40.1	41.8	38.9	38.2	41.4	39.4	41.5	38.2	40.6	39.0	39.2	38.8
1981.....	37.0	38.4	43.9	38.6	36.0	41.2	37.9	47.8	43.4	49.5	46.6	45.1
UNEMPLOYMENT RATE - BLACK FEMALES 20 YEARS AND OVER												
1972.....	9.1	8.9	9.4	8.2	9.1	9.7	8.8	9.2	9.5	9.9	8.7	7.6
1973.....	8.6	9.0	8.9	8.9	8.4	9.1	8.6	8.3	8.4	7.6	8.8	8.6
1974.....	8.3	8.1	7.4	8.0	8.2	8.0	8.6	8.3	8.9	9.6	10.5	11.1
1975.....	11.3	12.0	12.5	12.4	12.8	12.2	11.5	12.9	12.7	12.4	11.8	11.4
1976.....	11.9	12.5	11.0	11.5	10.7	11.8	12.2	12.2	11.7	11.9	11.2	12.0
1977.....	12.0	13.4	12.6	12.5	11.8	11.9	11.5	12.3	12.4	12.2	13.3	12.0
1978.....	11.7	11.0	11.5	11.0	11.5	11.5	12.1	10.8	10.8	10.5	11.0	10.8
1979.....	11.4	12.2	10.8	11.2	10.9	11.1	10.8	11.3	10.7	10.7	10.1	10.3
1980.....	10.5	10.4	11.0	11.9	12.2	11.8	12.2	11.6	10.9	13.0	13.2	13.4
1981.....	12.3	13.2	13.6	12.9	13.1	13.3	13.1	13.8	14.0	13.9	13.6	14.1
UNEMPLOYMENT RATE - MARRIED WORKERS, SPOUSE PRESENT												
1970.....	2.5	2.8	3.1	3.1	3.2	3.2	3.4	3.4	3.7	3.7	4.0	4.1
1971.....	4.1	4.0	4.1	4.0	4.0	3.9	3.9	4.0	4.0	3.9	4.1	4.0
1972.....	3.8	3.7	3.7	3.7	3.7	3.7	3.7	3.6	3.6	3.6	3.4	3.3
1973.....	3.2	3.2	3.1	3.1	3.1	3.0	3.0	3.1	3.0	2.9	3.0	3.1
1974.....	3.2	3.3	3.1	3.1	3.0	3.3	3.5	3.6	3.8	3.8	4.4	4.9
1975.....	5.8	5.8	6.2	6.6	6.8	6.4	6.2	6.0	6.1	6.0	5.7	5.6
1976.....	5.4	5.3	5.1	5.1	5.1	5.3	5.4	5.3	5.4	5.3	5.3	5.2
1977.....	5.0	5.1	5.0	4.8	4.6	4.6	4.5	4.5	4.4	4.5	4.4	4.3
1978.....	4.1	3.9	3.9	3.7	3.9	3.8	3.7	3.8	3.8	3.6	3.6	3.8
1979.....	3.7	3.7	3.6	3.7	3.4	3.5	3.5	3.8	3.6	3.8	3.7	3.8
1980.....	4.1	4.1	4.2	4.7	5.1	5.2	5.4	5.4	5.1	5.1	5.0	4.9
1981.....	4.9	4.8	4.8	4.6	4.7	4.8	4.6	4.6	5.0	5.1	5.7	6.0
UNEMPLOYMENT RATE - MARRIED MEN, SPOUSE PRESENT												
1970.....	1.9	2.0	2.2	2.3	2.5	2.5	2.7	2.8	2.9	3.0	3.2	3.4
1971.....	3.3	3.2	3.2	3.1	3.2	3.1	3.1	3.2	3.3	3.0	3.4	3.2
1972.....	3.0	2.9	2.8	2.8	2.8	2.8	2.8	2.7	2.8	2.8	2.5	2.4
1973.....	2.4	2.4	2.4	2.4	2.3	2.2	2.1	2.2	2.1	2.2	2.2	2.3
1974.....	2.4	2.4	2.3	2.4	2.2	2.5	2.7	2.8	2.8	3.0	3.4	3.8
1975.....	4.6	4.7	5.1	5.5	5.7	5.5	5.4	5.2	5.3	5.2	4.9	4.7
1976.....	4.4	4.2	4.2	4.1	4.1	4.4	4.4	4.1	4.4	4.2	4.3	4.2
1977.....	4.1	4.1	3.8	3.7	3.6	3.5	3.4	3.4	3.3	3.6	3.3	3.2
1978.....	3.1	3.0	3.1	2.8	2.8	2.8	2.6	2.7	2.7	2.6	2.5	2.7
1979.....	2.7	2.7	2.7	2.8	2.4	2.6	2.7	2.9	2.8	2.9	3.0	3.0
1980.....	3.5	3.2	3.5	4.1	4.5	4.6	4.9	4.9	4.7	4.6	4.4	4.3
1981.....	4.2	4.1	4.1	3.8	4.0	4.2	3.9	4.0	4.4	4.8	5.2	5.7
UNEMPLOYMENT RATE - MARRIED WOMEN, SPOUSE PRESENT												
1970.....	3.8	4.3	4.9	4.6	4.8	4.7	5.0	4.7	5.3	5.2	5.6	5.6
1971.....	5.7	5.7	6.0	6.0	5.7	5.7	5.6	5.6	5.6	5.7	5.7	5.5
1972.....	5.3	5.3	5.4	5.5	5.6	5.6	5.7	5.6	5.3	5.2	5.0	5.0
1973.....	4.9	4.8	4.6	4.6	4.6	4.7	4.7	5.0	4.7	4.3	4.6	4.7
1974.....	4.8	5.0	4.7	4.5	4.7	4.8	5.1	5.3	5.8	5.3	6.5	7.0
1975.....	8.1	8.0	8.4	8.7	8.7	8.2	7.6	7.6	7.6	7.5	7.3	7.2
1976.....	7.2	7.2	6.9	7.0	6.8	7.0	7.3	7.4	7.2	7.2	7.0	6.9
1977.....	6.6	6.9	7.0	6.7	6.5	6.7	6.5	6.4	6.4	6.2	6.4	6.0
1978.....	5.8	5.5	5.4	5.1	5.8	5.5	5.6	5.6	5.6	5.2	5.5	5.6
1979.....	5.4	5.3	5.3	5.2	5.0	5.1	4.9	5.4	4.9	5.2	4.9	5.1
1980.....	5.2	5.5	5.3	5.7	6.1	6.0	6.2	6.2	5.8	6.0	5.8	5.8
1981.....	6.0	5.8	5.9	5.9	5.8	5.7	5.7	5.5	6.0	6.1	6.5	6.6

HOUSEHOLD DATA
SEASONALLY ADJUSTED

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
UNEMPLOYMENT RATE - WOMEN WHO MAINTAIN FAMILIES												
1970.....	4.4	4.5	5.3	3.8	4.9	4.7	5.9	6.0	5.6	6.5	6.4	6.2
1971.....	6.4	7.3	6.9	7.1	7.8	7.3	7.2	7.3	7.6	7.3	7.3	8.5
1972.....	7.2	7.0	7.0	7.2	7.0	7.7	7.3	7.3	7.2	8.3	6.5	6.3
1973.....	7.1	6.6	7.0	6.9	6.7	8.0	7.0	6.5	6.8	7.0	8.0	7.1
1974.....	6.7	6.4	6.5	6.6	7.0	6.7	6.2	6.6	7.4	7.3	8.5	8.3
1975.....	9.0	9.7	9.9	9.6	10.5	10.2	10.4	9.8	9.8	10.4	10.1	10.4
1976.....	10.6	10.2	9.5	9.6	9.2	9.6	10.1	10.5	10.6	10.5	9.8	10.3
1977.....	9.5	9.5	9.7	9.3	8.9	9.4	9.2	9.9	10.4	9.3	9.4	8.1
1978.....	8.3	7.8	8.7	9.9	9.1	8.8	9.8	8.2	8.4	7.6	7.8	8.0
1979.....	7.9	8.4	8.3	8.1	8.6	9.1	8.1	8.2	8.1	8.4	8.4	8.4
1980.....	8.9	8.6	8.8	9.1	8.4	8.6	8.8	9.3	9.1	10.2	9.8	10.2
1981.....	10.3	9.8	9.6	9.9	10.4	10.7	11.2	10.1	10.7	10.6	10.8	10.5
UNEMPLOYMENT RATE - FULL-TIME WORKERS												
1970.....	3.4	3.8	3.9	4.2	4.5	4.5	4.6	4.7	4.9	5.1	5.4	5.6
1971.....	5.4	5.4	5.4	5.4	5.5	5.5	5.6	5.6	5.6	5.5	5.6	5.6
1972.....	5.3	5.2	5.3	5.2	5.3	5.1	5.2	5.2	5.0	5.1	4.6	4.6
1973.....	4.5	4.5	4.5	4.5	4.4	4.2	4.2	4.3	4.3	4.1	4.4	4.4
1974.....	4.6	4.6	4.6	4.6	4.7	4.8	5.0	4.9	5.4	5.6	6.1	6.6
1975.....	7.6	7.7	8.2	8.5	8.8	8.5	8.4	8.0	8.3	8.2	8.0	7.8
1976.....	7.5	7.2	7.2	7.2	7.0	7.3	7.2	7.3	7.4	7.3	7.4	7.4
1977.....	7.0	7.0	6.9	6.7	6.6	6.6	6.5	6.5	6.3	6.4	6.2	5.9
1978.....	6.0	5.8	5.8	5.5	5.6	5.3	5.7	5.4	5.5	5.2	5.3	5.4
1979.....	5.3	5.4	5.3	5.3	5.1	5.2	5.2	5.4	5.4	5.5	5.5	5.5
1980.....	5.8	5.8	6.0	6.6	7.2	7.3	7.6	7.5	7.3	7.3	7.3	7.2
1981.....	7.2	7.1	7.1	6.9	7.1	7.1	6.8	6.9	7.3	7.7	8.1	8.7
UNEMPLOYMENT RATE - FULL-TIME WORKERS 16-19 YEARS												
1970.....	13.5	13.9	14.6	15.7	15.5	18.5	16.4	17.5	16.0	17.1	18.2	17.2
1971.....	17.4	17.0	17.7	16.6	17.5	21.3	20.1	18.2	17.6	17.8	18.2	18.2
1972.....	17.9	18.7	17.8	18.2	16.7	16.0	16.4	17.1	16.4	15.8	15.2	16.2
1973.....	14.7	15.4	14.8	15.3	14.6	11.6	13.6	13.6	14.9	14.7	16.0	15.3
1974.....	15.4	15.3	15.5	14.9	15.4	16.1	17.1	15.4	17.4	17.9	18.5	18.2
1975.....	21.0	20.7	21.7	21.7	22.1	24.1	23.1	22.5	21.2	21.2	20.4	21.2
1976.....	21.3	19.6	20.1	21.2	19.8	21.4	18.0	21.2	20.7	20.6	19.5	19.9
1977.....	19.2	19.5	18.9	18.9	18.4	19.0	18.1	18.0	17.6	17.2	17.6	16.3
1978.....	16.9	17.6	17.7	16.9	16.5	13.8	17.1	15.0	16.8	16.6	17.0	17.2
1979.....	16.1	16.5	16.2	16.7	16.1	15.1	15.7	16.9	17.8	17.1	16.7	17.0
1980.....	17.2	17.7	17.4	17.1	20.9	20.5	21.2	20.9	19.5	19.7	20.5	19.5
1981.....	20.8	20.1	20.9	20.3	21.0	21.9	20.6	20.0	21.2	22.3	22.4	24.0
UNEMPLOYMENT RATE - FULL-TIME WORKERS, MALES 20 YEARS AND OVER												
1970.....	2.4	2.7	2.8	3.0	3.2	3.3	3.5	3.6	3.8	4.0	4.1	4.5
1971.....	4.2	4.2	4.1	4.1	4.2	4.2	4.2	4.4	4.4	4.3	4.4	4.4
1972.....	4.1	3.9	3.9	3.9	3.9	3.8	3.9	3.7	3.7	3.9	3.5	3.4
1973.....	3.3	3.3	3.3	3.2	3.2	3.1	3.0	3.0	2.9	2.9	3.0	3.0
1974.....	3.2	3.3	3.2	3.4	3.3	3.4	3.5	3.7	3.8	4.2	4.5	5.2
1975.....	5.9	6.1	6.6	7.0	7.1	7.0	7.0	6.6	7.1	6.9	6.7	6.3
1976.....	5.9	5.6	5.6	5.5	5.5	5.9	5.9	5.7	5.9	5.8	6.0	6.0
1977.....	5.5	5.6	5.4	5.2	5.1	5.0	5.0	5.0	4.7	4.9	4.6	4.4
1978.....	4.5	4.4	4.4	4.1	4.1	3.9	4.0	4.0	4.0	4.0	3.9	4.1
1979.....	4.0	4.0	4.0	3.9	3.7	3.8	4.0	4.1	4.1	4.2	4.3	4.4
1980.....	4.7	4.7	5.0	5.8	6.2	6.5	6.7	6.6	6.7	6.4	6.3	6.2
1981.....	6.0	6.0	6.0	5.8	5.9	6.2	5.7	5.9	6.2	6.7	7.1	7.8
UNEMPLOYMENT RATE - FULL-TIME WORKERS, FEMALES 20 YEARS AND OVER												
1970.....	3.8	4.1	4.4	4.5	5.1	4.6	4.9	4.9	5.1	5.3	5.8	5.9
1971.....	5.8	5.7	5.9	5.9	6.0	5.8	5.7	5.8	6.0	5.7	5.8	5.7
1972.....	5.6	5.4	5.6	5.4	6.0	5.6	5.9	5.7	5.5	5.5	5.0	4.7
1973.....	5.1	5.0	4.9	4.9	4.6	4.9	4.8	4.9	4.9	4.5	4.9	5.0
1974.....	5.1	5.0	5.0	5.0	5.2	5.3	5.4	5.3	5.9	5.8	6.8	7.2
1975.....	8.2	8.3	8.6	8.9	9.3	8.5	8.4	7.9	8.1	8.3	8.1	7.9
1976.....	7.9	7.8	7.7	7.5	7.3	7.5	7.7	7.7	7.7	7.7	7.6	7.6
1977.....	7.3	7.3	7.4	7.3	7.1	7.1	7.0	7.2	7.1	6.9	7.0	6.6
1978.....	6.6	6.2	6.1	6.0	6.2	6.2	6.5	6.0	6.0	5.4	5.7	5.8
1979.....	5.6	6.0	5.7	5.8	5.6	5.7	5.6	5.9	5.6	5.7	5.5	5.6
1980.....	5.8	5.7	5.8	6.3	6.7	6.7	6.9	6.9	6.5	7.0	7.0	7.0
1981.....	6.9	6.9	6.9	6.8	7.0	6.7	6.8	6.7	7.1	7.4	7.6	7.9
UNEMPLOYMENT RATE - PART-TIME WORKERS												
1970.....	6.7	6.6	7.1	7.1	6.8	7.4	7.6	7.6	8.3	8.4	8.6	8.9
1971.....	8.9	8.6	9.0	9.2	8.9	8.1	8.7	8.8	8.2	8.6	8.8	8.5
1972.....	8.6	8.4	8.9	8.9	8.0	8.9	8.2	8.4	8.6	8.9	8.8	8.6
1973.....	7.3	7.7	7.6	8.4	8.1	8.7	8.5	8.0	7.9	7.7	7.5	7.7
1974.....	7.9	8.2	7.9	7.7	8.4	8.7	8.5	8.5	9.2	8.9	9.5	9.8
1975.....	10.3	10.1	10.6	10.4	10.6	10.2	9.9	10.6	10.3	10.4	10.1	10.5
1976.....	10.3	10.4	9.9	10.5	10.0	9.2	10.9	10.2	9.9	10.2	10.4	9.8
1977.....	10.2	10.8	10.7	9.7	9.6	10.7	9.6	9.2	9.9	9.4	9.6	8.8
1978.....	9.0	8.8	9.4	9.3	8.8	9.0	9.1	8.9	9.1	8.8	9.1	9.3
1979.....	9.0	8.8	9.1	8.7	9.1	8.7	8.4	8.9	8.6	8.7	8.4	8.7
1980.....	8.6	8.9	8.5	8.9	9.0	8.8	8.8	8.6	8.8	9.2	8.7	8.2
1981.....	9.1	9.1	9.1	9.2	9.6	9.2	9.3	9.6	9.6	9.5	10.2	9.2

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
UNEMPLOYMENT RATE - PART-TIME WORKERS 16-19 YEARS												
1970.....	13.6	11.8	12.0	13.7	12.6	13.8	13.5	14.0	16.0	16.2	16.5	17.2
1971.....	16.5	14.4	16.0	16.1	15.6	14.3	15.5	15.5	15.3	15.8	15.5	15.4
1972.....	16.0	16.6	16.6	15.1	13.5	15.7	15.1	15.7	16.0	15.6	16.5	14.9
1973.....	12.6	14.5	13.7	16.1	15.2	16.9	15.7	14.7	14.3	14.2	13.9	13.8
1974.....	14.0	14.2	14.3	14.2	15.2	16.3	16.6	14.1	16.5	16.2	17.1	17.9
1975.....	17.9	17.6	17.9	18.0	17.8	17.0	17.5	18.1	17.5	18.2	17.4	17.8
1976.....	17.7	18.3	17.4	17.5	16.9	15.4	18.4	17.1	16.4	17.0	18.7	17.8
1977.....	18.6	17.0	18.7	17.0	17.2	18.8	16.8	16.0	18.7	17.1	16.8	14.5
1978.....	16.4	16.6	17.1	16.5	15.7	17.2	16.1	16.1	16.1	15.5	15.5	16.1
1979.....	15.9	15.7	15.8	16.0	16.5	15.9	15.5	15.5	15.3	15.7	15.0	15.3
1980.....	15.4	15.3	15.0	15.5	16.5	16.2	16.4	16.3	16.4	17.0	16.4	15.5
1981.....	16.8	18.1	17.4	17.7	17.7	16.8	16.6	17.3	18.1	18.2	20.4	17.8
UNEMPLOYMENT RATE - PART-TIME WORKERS, MALES 20 YEARS AND OVER												
1970.....	4.9	5.2	5.4	5.6	5.5	5.7	6.3	6.7	6.4	6.5	6.9	7.5
1971.....	7.8	7.7	7.9	7.0	7.8	5.9	6.9	5.9	6.7	6.6	6.9	6.7
1972.....	7.5	7.1	7.5	7.7	7.3	8.0	6.6	6.6	6.4	7.0	6.5	6.2
1973.....	5.3	5.2	5.2	7.2	5.8	6.6	7.0	6.8	6.9	6.1	5.4	6.5
1974.....	6.6	7.0	5.8	5.9	6.1	7.4	6.2	8.0	7.0	6.8	7.2	7.8
1975.....	7.3	7.8	8.5	8.4	10.3	8.2	8.3	8.7	9.2	9.2	9.1	8.9
1976.....	9.0	8.8	9.1	9.8	8.7	8.9	8.7	8.6	8.0	8.6	8.3	8.3
1977.....	8.8	9.3	8.2	8.0	8.9	8.6	7.5	7.7	6.8	7.3	7.5	8.2
1978.....	7.5	6.2	7.9	7.5	6.3	6.4	7.0	6.8	7.0	6.5	6.6	7.4
1979.....	5.9	6.1	7.1	6.5	6.3	6.6	6.8	6.9	6.9	6.6	5.7	6.3
1980.....	6.6	6.3	6.1	6.6	7.1	6.9	6.5	6.0	6.6	7.0	6.7	5.4
1981.....	7.4	6.9	6.8	6.6	8.4	6.2	7.7	8.9	8.2	7.9	8.5	8.5
UNEMPLOYMENT RATE - PART-TIME WORKERS, FEMALES 20 YEARS AND OVER												
1970.....	3.5	4.3	5.0	4.0	4.1	4.3	4.8	4.4	4.8	4.7	4.8	4.7
1971.....	5.1	5.6	5.6	6.0	5.5	5.3	5.5	6.1	4.6	5.4	5.6	5.8
1972.....	4.8	4.1	4.9	5.6	5.1	5.4	4.9	5.0	5.3	5.8	5.3	5.8
1973.....	5.3	4.8	5.0	4.3	5.0	5.1	5.3	4.8	4.7	4.6	4.6	4.6
1974.....	4.9	5.2	5.0	4.8	5.4	4.8	5.0	5.7	5.8	5.5	6.1	5.9
1975.....	7.0	6.7	7.1	6.9	6.6	7.1	6.3	7.0	6.4	6.6	6.3	6.9
1976.....	6.6	6.6	6.0	6.8	6.5	5.6	7.3	6.8	6.9	7.0	6.6	5.8
1977.....	6.2	7.9	7.1	6.3	5.7	6.9	6.3	5.9	6.2	6.0	6.5	6.0
1978.....	5.5	5.3	5.5	6.0	5.9	5.7	6.1	5.6	5.8	5.9	6.3	6.1
1979.....	6.3	6.0	6.2	5.5	6.0	5.5	5.1	6.1	5.6	5.7	5.8	6.1
1980.....	5.8	6.5	5.9	6.4	5.7	5.5	5.3	5.4	5.5	5.8	5.4	5.5
1981.....	5.7	5.3	5.7	5.7	5.9	6.4	6.3	6.0	6.0	5.9	5.8	5.3
UNEMPLOYMENT RATE - WHITE-COLLAR WORKERS												
1970.....	2.2	2.4	2.6	2.8	2.8	2.8	3.0	2.8	2.9	3.0	3.5	3.6
1971.....	3.5	3.5	3.7	3.6	3.6	3.4	3.5	3.5	3.4	3.4	3.5	3.4
1972.....	3.5	3.4	3.5	3.3	3.5	3.4	3.4	3.5	3.4	3.5	3.1	3.2
1973.....	3.0	3.0	3.0	3.1	2.8	3.0	2.9	3.0	3.0	2.7	2.8	3.1
1974.....	3.1	3.1	2.9	2.9	3.1	3.2	3.3	3.2	3.6	3.3	3.8	4.1
1975.....	4.4	4.4	4.6	4.8	5.3	4.9	4.8	4.6	4.8	4.8	4.7	4.8
1976.....	4.6	4.6	4.6	4.8	4.6	4.5	4.8	4.9	4.5	4.5	4.6	4.5
1977.....	4.5	4.7	4.7	4.5	4.3	4.3	4.1	4.1	4.2	4.1	4.2	4.0
1978.....	3.7	3.6	3.5	3.6	3.6	3.6	3.8	3.4	3.5	3.2	3.3	3.5
1979.....	3.4	3.4	3.4	3.3	3.2	3.4	3.3	3.6	3.3	3.4	3.2	3.3
1980.....	3.4	3.5	3.4	3.7	3.8	3.8	3.8	3.8	3.8	3.9	3.9	3.9
1981.....	3.9	3.8	3.9	4.0	4.0	3.9	4.0	3.9	4.1	4.1	4.2	4.5
UNEMPLOYMENT RATE - PROFESSIONAL AND TECHNICAL WORKERS												
1970.....	1.6	1.7	2.0	2.0	2.0	1.8	2.1	1.9	2.1	1.9	2.5	2.6
1971.....	2.8	3.2	3.1	3.1	3.1	2.8	2.8	3.1	2.8	2.8	3.0	2.6
1972.....	2.7	2.5	2.4	2.2	2.3	2.4	2.5	2.4	2.3	2.6	2.2	2.4
1973.....	2.1	2.0	2.3	2.1	2.1	2.3	1.9	2.3	2.2	2.2	2.0	2.3
1974.....	2.3	2.0	2.0	2.2	2.2	2.1	2.1	2.2	2.6	2.4	2.5	2.6
1975.....	2.8	3.1	3.0	3.2	3.6	3.4	3.5	3.0	3.3	3.2	3.4	3.1
1976.....	3.0	3.5	3.6	3.3	3.2	3.0	3.2	3.1	3.0	3.1	3.3	3.2
1977.....	3.2	3.3	3.2	3.3	3.1	3.1	2.9	2.9	2.9	2.8	2.8	2.7
1978.....	2.7	2.6	2.7	2.6	2.5	2.5	2.5	2.6	2.6	2.6	2.4	3.0
1979.....	2.5	2.5	2.2	2.3	2.0	2.5	2.5	2.6	2.5	2.6	2.4	2.3
1980.....	2.2	2.3	2.4	2.4	2.5	2.5	2.4	2.5	2.5	2.7	2.6	2.6
1981.....	2.8	2.6	2.7	3.1	2.8	2.8	2.8	2.5	2.8	2.6	2.7	3.4
UNEMPLOYMENT RATE - MANAGERS AND ADMINISTRATORS, EXCEPT FARM												
1970.....	1.0	1.0	1.2	1.2	1.2	1.3	1.4	1.4	1.5	1.4	1.6	1.6
1971.....	1.5	1.6	1.8	1.7	1.6	1.7	1.6	1.5	1.6	1.6	1.8	1.8
1972.....	1.8	1.7	2.0	1.8	1.6	1.4	1.8	2.0	1.8	2.0	1.9	1.7
1973.....	1.5	1.6	1.3	1.5	1.4	1.4	1.5	1.3	1.3	1.5	1.3	1.4
1974.....	1.6	1.7	1.6	1.6	1.7	1.8	1.4	2.0	2.1	2.0	2.3	2.6
1975.....	3.1	2.7	2.8	3.2	3.2	3.0	2.9	3.0	3.3	3.0	2.9	3.0
1976.....	2.9	3.0	2.8	2.8	3.1	3.2	3.4	3.5	3.1	3.0	3.0	3.1
1977.....	2.9	3.0	3.2	2.9	2.7	2.8	2.7	2.5	2.4	2.6	3.0	2.5
1978.....	2.5	2.0	2.1	2.0	2.0	2.0	2.3	1.9	2.1	1.7	2.2	2.0
1979.....	2.1	2.0	2.1	2.2	2.1	2.1	2.0	2.3	2.2	2.2	1.9	2.1
1980.....	2.0	2.3	2.4	2.6	2.6	2.4	2.5	2.5	2.5	2.5	2.5	2.5
1981.....	2.5	2.5	2.5	2.4	2.6	2.7	2.6	2.7	2.7	2.8	3.0	3.1

HOUSEHOLD DATA
SEASONALLY ADJUSTED

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
UNEMPLOYMENT RATE - SALES WORKERS												
1970.....	2.9	3.5	3.4	3.9	3.9	3.7	3.8	3.8	4.0	4.2	4.8	4.8
1971.....	4.2	4.1	4.6	4.5	4.8	4.3	4.6	4.2	4.0	4.1	3.9	3.8
1972.....	4.4	4.1	4.1	3.8	4.1	4.3	4.3	4.6	4.7	4.4	4.3	3.9
1973.....	3.7	3.8	3.6	4.0	3.6	3.5	3.7	3.8	3.7	3.1	3.3	4.2
1974.....	3.7	4.2	3.9	3.4	4.2	4.6	4.1	3.7	4.3	4.6	4.9	5.6
1975.....	5.3	5.4	6.0	6.0	6.0	6.0	5.1	5.7	5.8	5.9	6.0	6.2
1976.....	6.0	5.3	5.1	5.2	4.9	5.3	5.3	5.7	5.5	5.4	5.6	5.2
1977.....	5.6	5.6	5.6	5.3	5.4	5.2	5.3	5.2	5.0	4.9	5.0	4.9
1978.....	3.9	4.3	4.5	4.3	4.4	4.4	4.3	4.1	4.3	4.1	3.2	3.8
1979.....	3.8	4.2	4.2	4.0	3.9	4.5	3.5	4.1	3.8	3.8	3.6	3.9
1980.....	4.3	4.4	4.2	4.7	4.4	4.6	4.1	4.2	4.2	4.4	4.6	4.6
1981.....	4.3	4.1	4.1	4.2	4.6	4.3	4.9	4.7	5.0	4.9	5.0	4.9
UNEMPLOYMENT RATE - CLERICAL WORKERS												
1970.....	3.2	3.4	3.6	3.9	3.9	4.1	4.3	3.8	4.1	4.5	4.9	5.1
1971.....	5.0	4.9	4.9	5.0	4.7	4.8	5.0	4.8	4.8	4.8	4.7	4.8
1972.....	4.6	4.8	4.9	4.9	5.1	4.8	4.6	4.9	4.7	4.8	4.1	4.4
1973.....	4.3	4.3	4.2	4.5	3.9	4.2	4.1	4.2	4.2	3.6	4.2	4.3
1974.....	4.3	4.4	4.1	4.1	4.4	4.5	5.0	4.5	5.0	4.4	5.3	5.5
1975.....	6.1	6.1	6.5	6.5	7.6	6.7	6.7	6.4	6.5	6.7	6.4	6.7
1976.....	6.5	6.2	6.3	7.0	6.4	6.2	6.6	6.9	6.2	6.2	6.2	6.1
1977.....	6.1	6.4	6.4	6.0	5.7	5.8	5.5	5.7	6.0	5.7	5.8	5.5
1978.....	5.1	5.1	4.5	5.1	5.2	5.1	5.5	4.8	4.8	4.2	4.7	4.7
1979.....	4.7	4.8	4.8	4.5	4.5	4.6	4.5	4.9	4.6	4.6	4.5	4.6
1980.....	4.8	4.8	4.6	5.1	5.3	5.4	5.4	5.6	5.5	5.5	5.6	5.7
1981.....	5.6	5.4	5.7	5.6	5.6	5.4	5.7	5.7	5.8	6.0	6.0	6.2
UNEMPLOYMENT RATE - BLUE-COLLAR WORKERS												
1970.....	4.6	5.0	5.3	5.6	6.0	6.4	6.6	6.9	7.0	7.3	7.4	7.8
1971.....	7.6	7.4	7.4	7.4	7.4	7.2	7.3	7.6	7.7	7.3	7.5	7.4
1972.....	6.8	6.8	6.6	6.5	6.6	6.5	6.8	6.7	6.3	6.3	5.9	5.7
1973.....	5.8	5.5	5.3	5.2	5.4	5.3	5.5	5.5	5.4	5.4	5.6	5.3
1974.....	5.8	6.0	5.9	6.1	5.8	6.3	6.4	6.7	7.2	7.5	8.3	9.5
1975.....	10.8	11.2	12.2	12.7	12.9	12.6	12.2	11.7	11.7	11.3	10.9	10.4
1976.....	9.7	9.5	9.3	9.2	9.1	9.5	9.5	9.5	9.6	9.4	9.4	9.4
1977.....	8.8	8.9	8.6	8.2	8.0	8.0	8.0	8.0	7.7	7.9	7.7	7.2
1978.....	7.5	7.4	7.4	6.8	6.6	6.6	6.8	6.6	6.9	6.8	6.6	6.9
1979.....	6.7	6.7	6.8	7.0	6.6	6.5	6.8	7.2	7.1	7.2	7.7	7.5
1980.....	8.2	8.0	8.3	9.7	10.8	11.0	11.4	11.2	10.8	10.8	10.6	10.4
1981.....	10.2	10.2	10.0	9.7	9.9	9.8	9.5	9.5	10.2	10.9	11.8	12.7
UNEMPLOYMENT RATE - CRAFT AND KINDRED WORKERS												
1970.....	2.4	2.8	3.1	3.5	3.8	4.1	4.3	4.2	4.6	4.2	4.6	5.0
1971.....	5.1	4.6	5.0	4.6	4.0	4.0	5.1	5.2	5.1	4.9	4.6	4.7
1972.....	4.5	4.5	4.2	4.3	4.4	4.4	4.2	4.3	4.0	4.2	4.1	4.0
1973.....	3.8	3.9	3.8	3.7	3.8	3.5	3.9	3.9	3.7	3.7	3.9	3.3
1974.....	3.9	3.9	3.7	3.9	3.8	4.1	4.1	4.4	4.9	5.2	5.2	6.4
1975.....	7.3	7.7	8.5	8.8	9.3	9.1	9.1	8.5	8.7	8.5	7.9	7.1
1976.....	6.9	6.7	6.7	7.2	6.4	7.2	7.2	6.9	7.0	6.6	6.9	6.8
1977.....	6.3	6.4	6.0	5.2	5.7	5.7	5.6	5.4	5.2	5.2	5.2	5.2
1978.....	5.4	5.0	5.0	4.6	4.3	4.3	4.2	4.3	4.8	4.8	4.2	4.9
1979.....	4.6	4.7	4.6	4.4	3.9	4.2	4.5	4.6	4.2	4.7	5.2	4.7
1980.....	5.2	5.0	5.5	6.6	7.2	7.4	7.5	7.8	7.5	7.0	7.2	7.0
1981.....	6.9	7.1	7.1	6.8	7.2	7.1	6.9	7.0	7.7	8.3	8.5	9.3
UNEMPLOYMENT RATE - OPERATIVES, EXCEPT TRANSPORT												
1972.....	7.6	7.8	7.4	7.5	8.0	8.0	8.9	7.7	7.5	7.2	6.8	6.6
1973.....	6.2	6.1	5.8	5.9	6.1	6.1	6.3	6.3	6.4	6.4	6.4	6.3
1974.....	7.1	7.1	7.4	7.2	7.0	7.3	7.5	8.3	8.7	9.1	10.9	12.1
1975.....	14.1	14.7	15.7	16.4	16.2	16.0	15.1	14.3	13.9	13.0	12.9	12.7
1976.....	11.0	10.9	10.8	10.4	10.7	10.9	10.8	10.7	10.8	11.0	10.8	10.8
1977.....	10.0	10.1	9.9	9.9	9.0	9.5	9.7	9.3	9.5	9.6	9.3	8.4
1978.....	8.7	8.6	8.5	8.1	8.3	8.1	8.2	8.4	8.0	7.5	7.7	8.0
1979.....	8.0	8.1	8.1	8.7	8.1	7.7	8.2	8.7	9.0	9.1	9.2	9.2
1980.....	10.1	9.5	9.7	11.7	13.6	13.5	14.4	13.3	13.0	13.1	12.8	12.6
1981.....	12.2	12.1	11.7	11.6	11.8	11.1	11.1	11.1	11.6	12.8	14.1	15.5
UNEMPLOYMENT RATE - TRANSPORT EQUIPMENT OPERATIVES												
1972.....	5.5	5.1	4.6	4.9	4.3	4.1	4.3	5.4	4.9	5.8	3.8	3.8
1973.....	4.0	4.8	4.2	3.1	4.4	4.4	4.2	4.0	3.3	3.8	4.0	4.7
1974.....	4.4	4.5	4.8	5.0	4.7	5.3	4.9	4.6	5.2	5.7	6.3	6.2
1975.....	7.4	7.9	7.7	8.7	8.6	8.6	8.4	8.7	9.4	9.2	9.0	8.8
1976.....	8.7	7.7	7.9	6.7	6.4	7.8	7.7	7.4	7.7	8.0	8.4	7.9
1977.....	7.4	7.9	7.3	6.5	6.6	6.2	6.9	6.7	5.5	6.2	5.8	5.8
1978.....	5.6	5.3	5.4	5.3	5.6	4.9	5.7	5.1	4.9	4.9	4.7	5.7
1979.....	5.1	5.3	5.3	5.7	5.3	5.4	5.1	5.9	5.9	5.8	5.5	5.6
1980.....	7.0	7.1	6.8	8.5	8.7	9.7	10.4	9.7	9.9	10.5	10.1	9.2
1981.....	9.1	8.6	9.1	8.1	8.2	8.1	7.3	8.0	8.7	8.0	10.4	10.5

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
UNEMPLOYMENT RATE - NONFARM LABORERS												
1970.....	8.1	7.7	7.9	8.7	9.0	10.1	9.9	10.2	10.8	11.3	10.8	11.2
1971.....	10.4	10.8	10.6	10.2	11.0	11.2	9.4	10.6	11.2	11.0	11.8	12.1
1972.....	11.5	11.3	12.3	10.5	10.4	9.7	9.6	10.9	9.7	9.6	9.2	8.9
1973.....	8.5	8.7	8.5	8.4	8.4	8.7	8.4	8.3	8.4	8.3	9.0	8.5
1974.....	8.5	9.2	8.9	9.9	8.5	9.9	10.8	10.4	10.6	10.9	11.4	13.1
1975.....	14.3	14.2	16.0	16.4	16.8	16.5	16.2	15.7	15.6	16.0	15.2	14.6
1976.....	14.5	14.1	13.2	13.3	13.5	13.6	13.5	14.2	14.6	13.5	12.7	13.6
1977.....	13.3	13.1	13.2	12.9	12.4	11.9	10.8	12.2	11.2	11.7	11.4	10.4
1978.....	11.5	11.9	11.9	10.4	8.8	10.3	10.6	9.3	10.8	11.1	11.3	10.6
1979.....	9.9	10.0	10.5	10.8	11.1	10.4	10.8	11.0	11.1	10.6	12.1	12.4
1980.....	12.6	12.5	13.4	14.2	15.2	15.6	15.9	16.2	15.3	15.3	14.7	14.5
1981.....	14.8	14.9	14.2	14.0	13.5	14.7	14.4	13.2	14.6	15.6	16.0	16.9
UNEMPLOYMENT RATE - SERVICE WORKERS												
1970.....	4.5	4.9	5.0	4.9	5.0	5.2	5.2	5.5	5.5	5.8	5.9	6.2
1971.....	6.5	6.1	6.0	6.2	6.4	6.5	6.4	6.6	6.2	6.2	6.5	6.3
1972.....	6.3	6.0	6.5	6.2	6.2	6.1	6.6	6.5	6.9	6.5	6.3	6.1
1973.....	5.6	6.1	6.0	6.1	5.8	5.3	5.	5.6	5.8	5.1	5.9	6.1
1974.....	5.6	6.0	6.0	5.9	6.6	6.1	6.4	6.3	6.5	6.6	7.0	7.1
1975.....	7.9	7.7	8.4	8.4	8.6	8.6	8.6	9.3	8.9	8.9	8.6	9.1
1976.....	9.0	9.0	8.8	8.5	8.0	8.7	8.6	8.5	8.8	9.1	9.2	8.8
1977.....	8.6	8.7	8.2	8.3	8.7	8.3	7.7	8.4	7.9	8.0	7.8	7.8
1978.....	7.6	7.5	7.9	7.6	7.5	7.3	7.4	7.1	7.5	7.0	7.5	7.9
1979.....	7.9	7.5	7.5	7.3	7.0	7.2	7.1	7.0	6.9	6.9	6.7	7.0
1980.....	7.1	7.1	7.3	7.9	8.2	8.0	8.3	8.5	8.2	8.4	8.3	7.9
1981.....	8.2	8.7	8.3	8.5	9.4	8.9	8.0	8.9	9.0	9.3	9.7	9.6
UNEMPLOYMENT RATE - PRIVATE HOUSEHOLD WORKERS												
1970.....	2.7	3.9	4.2	3.5	4.0	4.5	4.1	5.7	5.1	4.5	4.2	4.5
1971.....	4.7	3.9	3.9	4.8	4.6	4.7	5.0	4.2	4.0	4.4	4.8	4.3
1972.....	4.9	4.1	5.2	2.3	4.0	3.0	3.4	6.2	4.3	3.8	2.8	4.2
1973.....	3.5	4.0	4.5	5.0	4.7	5.4	3.1	4.4	4.3	4.4	4.5	4.6
1974.....	4.7	4.3	4.3	4.1	3.9	4.2	4.6	4.0	4.3	4.3	4.9	4.2
1975.....	4.6	4.7	4.9	4.8	5.6	3.2	5.1	6.0	7.0	5.9	5.8	7.0
1976.....	5.8	6.9	6.0	5.9	5.4	5.5	5.4	5.7	3.6	6.8	6.1	5.2
1977.....	5.2	5.2	5.3	5.1	5.9	5.6	6.9	4.2	4.7	4.2	4.7	4.2
1978.....	5.1	5.1	5.3	4.3	4.8	4.8	5.6	5.6	3.9	5.1	5.8	6.0
1979.....	5.5	4.8	4.8	5.1	4.8	4.0	4.8	4.3	4.7	4.5	4.1	5.7
1980.....	4.6	4.4	4.9	4.9	4.6	5.5	3.5	4.5	4.5	5.1	4.8	4.6
1981.....	4.3	4.6	4.5	6.4	4.9	4.7	4.6	5.3	4.6	6.4	4.3	3.8
UNEMPLOYMENT RATE - OTHER SERVICE WORKERS												
1970.....	4.9	5.1	5.2	5.1	5.2	5.3	5.4	5.4	5.5	6.0	6.2	6.5
1971.....	6.8	6.4	6.4	6.4	6.7	6.8	6.6	7.0	6.5	6.5	6.7	6.6
1972.....	6.5	6.3	6.7	6.8	6.5	6.5	7.0	6.5	7.3	6.8	6.7	6.3
1973.....	5.9	6.4	6.2	6.3	5.9	5.3	6.0	5.7	6.0	5.2	6.1	6.3
1974.....	5.7	6.3	6.2	6.1	7.0	6.3	6.6	6.5	6.8	6.8	7.2	7.4
1975.....	8.3	8.1	8.7	8.8	8.9	9.2	8.9	9.7	9.1	9.2	8.9	9.3
1976.....	9.4	9.2	9.0	8.7	8.3	9.0	8.9	8.8	9.3	9.5	9.6	9.2
1977.....	9.0	9.1	8.4	8.6	9.8	8.6	8.0	8.8	8.3	8.4	8.2	8.2
1978.....	7.9	7.7	8.1	8.0	7.7	7.5	7.5	7.3	7.9	7.2	7.7	8.1
1979.....	8.1	7.7	7.7	7.5	7.2	7.5	7.3	7.3	7.1	7.1	7.0	7.1
1980.....	7.3	7.3	7.5	8.1	8.5	8.2	8.7	8.8	8.5	8.8	8.6	8.2
1981.....	8.5	9.0	8.6	8.7	9.8	9.3	8.3	9.2	9.3	9.5	10.2	10.1
UNEMPLOYMENT RATE - FARM WORKERS												
1970.....	2.0	2.1	2.4	2.2	3.4	2.0	2.4	2.6	3.6	2.9	2.4	3.3
1971.....	3.2	3.1	2.5	1.9	2.0	2.3	2.8	2.8	2.7	2.1	3.0	2.9
1972.....	2.8	2.6	2.2	2.4	2.7	2.7	2.4	2.6	2.8	3.3	3.0	2.5
1973.....	2.7	2.6	2.3	2.8	3.4	2.6	2.0	2.7	2.6	2.6	2.4	2.5
1974.....	2.1	2.2	2.6	2.4	2.5	2.8	3.2	2.8	2.7	2.8	2.8	2.5
1975.....	3.9	3.1	3.6	3.6	3.3	3.3	3.1	4.1	3.8	4.0	3.9	4.3
1976.....	4.4	3.7	4.3	4.6	4.7	4.5	4.6	4.0	4.0	4.3	5.2	6.2
1977.....	5.0	5.7	5.1	5.0	4.5	5.3	4.1	4.2	4.6	4.4	4.3	4.2
1978.....	4.3	4.1	4.8	3.4	3.6	3.6	3.8	3.6	3.9	4.5	3.5	3.5
1979.....	3.0	3.6	3.4	3.6	3.6	3.5	4.4	3.7	4.1	4.3	4.7	4.5
1980.....	4.5	4.1	4.2	5.1	4.6	4.7	4.9	5.3	4.5	4.5	4.2	4.2
1981.....	5.0	4.9	5.2	3.9	5.2	6.2	4.8	5.4	4.0	6.2	6.2	6.4
UNEMPLOYMENT RATE - FARM LABORERS AND SUPERVISORS												
1970.....	4.4	4.5	5.1	4.6	7.3	4.4	5.0	5.5	7.4	6.2	5.6	6.3
1971.....	6.1	6.4	5.3	4.1	4.1	4.6	5.9	5.7	5.6	4.4	6.3	5.6
1972.....	6.1	5.8	4.5	4.9	5.5	5.7	5.0	4.7	5.9	6.9	6.0	5.1
1973.....	5.5	5.4	4.7	5.9	7.1	5.5	4.1	5.6	5.5	5.4	5.1	5.2
1974.....	4.3	4.4	5.1	4.8	4.6	5.3	6.4	5.8	5.5	5.6	5.3	5.1
1975.....	7.7	6.5	7.3	7.8	6.6	7.0	6.2	8.2	7.6	7.9	8.1	8.7
1976.....	8.9	7.2	8.5	8.7	9.7	9.0	9.2	8.1	7.9	8.6	10.3	11.6
1977.....	9.9	11.2	10.2	9.6	8.7	10.2	7.9	8.2	8.9	8.5	8.3	8.2
1978.....	8.3	8.0	9.0	6.8	7.3	7.2	7.6	7.1	7.5	8.9	6.7	7.0
1979.....	6.1	7.3	6.8	7.3	7.1	7.1	8.8	7.4	8.3	8.5	9.4	8.9
1980.....	8.9	8.0	8.2	10.3	9.4	9.1	9.7	11.2	9.2	9.1	8.5	8.5
1981.....	9.7	10.0	10.7	7.8	10.7	12.4	9.5	10.9	8.4	12.3	12.3	12.8

HOUSEHOLD DATA
SEASONALLY ADJUSTED

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
UNEMPLOYMENT RATE - TOTAL WAGE AND SALARY WORKERS												
1970.....	3.6	4.0	4.2	4.4	4.6	4.7	4.9	5.0	5.2	5.4	5.7	5.9
1971.....	5.7	5.7	5.7	5.7	5.7	5.6	5.6	5.7	5.6	5.6	5.8	5.7
1972.....	5.5	5.4	5.5	5.3	5.4	5.2	5.3	5.4	5.2	5.3	4.9	4.8
1973.....	4.6	4.7	4.5	4.6	4.5	4.5	4.5	4.5	4.5	4.3	4.5	4.6
1974.....	4.7	4.9	4.7	4.8	4.9	5.0	5.2	5.2	5.6	5.7	6.3	6.9
1975.....	7.7	7.8	8.3	8.6	9.0	8.7	8.4	8.2	8.3	8.2	8.0	7.9
1976.....	7.6	7.4	7.2	7.3	7.2	7.3	7.4	7.4	7.3	7.3	7.4	7.1
1977.....	7.1	7.2	7.0	6.7	6.7	6.6	6.4	6.4	6.3	6.3	6.3	6.0
1978.....	6.0	5.8	5.9	5.6	5.6	5.5	5.7	5.4	5.6	5.4	5.4	5.7
1979.....	5.5	5.5	5.5	5.4	5.3	5.3	5.4	5.6	5.5	5.6	5.6	5.6
1980.....	5.9	5.9	6.1	6.7	7.3	7.3	7.4	7.4	7.3	7.3	7.2	7.1
1981.....	7.1	7.1	7.0	6.9	7.2	7.0	6.8	6.9	7.3	7.6	8.0	8.5
UNEMPLOYMENT RATE - WAGE AND SALARY WORKERS IN AGRICULTURAL INDUSTRIES												
1970.....	6.4	6.5	7.1	6.5	9.1	5.7	7.9	7.6	8.6	8.5	8.2	9.6
1971.....	9.7	9.3	7.4	6.8	7.2	6.3	8.4	8.9	8.3	7.3	8.2	7.8
1972.....	8.6	8.1	6.9	6.3	8.0	7.6	6.7	6.7	8.9	9.9	8.2	7.1
1973.....	6.8	7.3	6.6	7.4	8.9	7.0	5.7	7.5	6.4	6.8	7.4	6.7
1974.....	6.7	6.9	7.0	7.3	7.0	7.4	8.3	7.4	7.3	8.3	7.6	7.7
1975.....	10.7	9.1	10.6	11.3	9.4	10.4	9.0	11.3	11.1	10.8	10.3	11.7
1976.....	11.4	10.6	10.9	11.5	12.9	11.5	11.7	11.0	11.3	11.2	13.5	13.6
1977.....	13.0	12.8	12.7	12.5	11.6	11.8	9.4	10.1	10.5	10.0	9.6	10.0
1978.....	9.5	9.7	10.1	8.2	8.0	9.0	9.2	8.5	8.6	9.4	8.2	8.4
1979.....	7.7	8.9	8.2	8.9	9.2	8.5	9.8	9.4	10.2	9.4	10.6	9.9
1980.....	10.4	9.4	10.3	12.0	11.5	10.6	11.2	12.9	11.1	11.2	10.3	10.9
1981.....	11.5	11.9	12.1	9.4	11.0	13.3	10.7	12.0	11.0	13.4	14.1	14.8
UNEMPLOYMENT RATE - WAGE AND SALARY WORKERS IN NONAGRICULTURAL INDUSTRIES												
1970.....	3.6	3.9	4.1	4.3	4.6	4.7	4.9	5.0	5.1	5.3	5.6	5.8
1971.....	5.7	5.6	5.7	5.7	5.7	5.6	5.6	5.7	5.6	5.5	5.7	5.6
1972.....	5.5	5.4	5.4	5.3	5.3	5.2	5.3	5.3	5.1	5.3	4.9	4.8
1973.....	4.5	4.6	4.5	4.6	4.4	4.4	4.4	4.5	4.5	4.3	4.5	4.6
1974.....	4.7	4.9	4.7	4.9	4.8	5.0	5.1	5.2	5.5	5.6	6.3	6.9
1975.....	7.7	7.7	8.2	8.6	9.0	8.6	8.4	8.2	8.2	8.1	7.9	7.8
1976.....	7.5	7.4	7.2	7.2	7.1	7.2	7.4	7.3	7.2	7.2	7.3	7.2
1977.....	6.9	7.1	6.9	6.6	6.6	6.5	6.3	6.4	6.3	6.3	6.3	5.9
1978.....	5.9	5.8	5.8	5.6	5.6	5.4	5.6	5.3	5.6	5.3	5.4	5.6
1979.....	5.5	5.4	5.5	5.3	5.2	5.2	5.3	5.6	5.4	5.6	5.5	5.6
1980.....	5.9	5.9	6.0	6.6	7.2	7.2	7.4	7.3	7.2	7.2	7.1	7.0
1981.....	7.0	7.0	7.0	6.8	7.2	6.9	6.8	6.8	7.2	7.5	7.9	8.4
UNEMPLOYMENT RATE - GOVERNMENT WAGE AND SALARY WORKERS IN NONAGRICULTURAL INDUSTRIES												
1970.....	2.0	2.0	2.1	2.2	2.2	2.2	2.1	2.2	2.0	2.2	2.6	2.8
1971.....	2.8	2.8	2.9	2.9	3.0	2.9	3.0	3.1	2.9	3.0	3.1	3.1
1972.....	3.0	2.9	2.9	2.9	2.9	2.9	2.9	3.0	3.1	3.0	2.8	3.1
1973.....	2.5	2.7	2.7	3.3	2.7	2.8	2.8	2.7	2.9	2.7	2.6	2.6
1974.....	2.7	2.9	2.8	2.9	3.3	3.0	3.0	2.9	3.1	3.1	3.5	3.3
1975.....	3.5	3.6	3.9	3.8	4.6	4.0	4.2	4.0	4.3	4.3	3.9	4.3
1976.....	4.2	4.5	4.5	5.0	4.6	4.3	4.5	4.4	4.1	4.4	4.3	4.3
1977.....	4.3	4.7	4.1	4.2	4.1	4.2	4.0	4.3	4.3	4.1	4.4	4.2
1978.....	4.1	3.7	3.7	3.8	4.1	4.1	4.2	3.6	4.1	3.9	3.9	4.1
1979.....	3.9	3.9	4.0	3.6	3.5	3.7	3.6	3.8	3.4	4.1	3.7	3.8
1980.....	3.8	4.1	4.0	4.2	4.1	3.6	4.1	4.2	4.3	4.5	4.2	4.2
1981.....	4.4	4.3	4.6	4.7	4.7	4.6	4.6	4.5	4.7	4.7	5.2	5.0
UNEMPLOYMENT RATE - PRIVATE WAGE AND SALARY WORKERS IN NONAGRICULTURAL INDUSTRIES												
1970.....	3.9	4.3	4.6	4.8	5.1	5.3	5.5	5.5	5.7	6.0	6.3	6.5
1971.....	6.3	6.2	6.3	6.3	6.3	6.2	6.2	6.3	6.2	6.1	6.3	6.2
1972.....	6.0	5.9	6.0	5.8	5.9	5.7	5.8	5.9	5.6	5.7	5.3	5.1
1973.....	5.0	5.0	4.9	4.9	4.8	4.8	4.8	4.8	4.8	4.6	4.9	5.0
1974.....	5.1	5.3	5.1	5.2	5.2	5.5	5.6	5.7	6.1	6.2	6.9	7.6
1975.....	8.6	8.7	9.2	9.7	10.0	9.7	9.4	9.1	9.1	9.0	8.9	8.7
1976.....	8.3	8.0	7.8	7.7	7.6	7.9	8.0	8.0	7.9	7.9	8.0	7.9
1977.....	7.6	7.7	7.5	7.1	7.2	7.0	6.8	6.9	6.7	6.8	6.7	6.3
1978.....	6.3	6.2	6.3	6.0	5.9	5.7	5.9	5.7	5.9	5.6	5.7	6.0
1979.....	5.8	5.8	5.8	5.7	5.6	5.6	5.7	5.9	5.9	5.9	5.9	5.9
1980.....	6.3	6.2	6.4	7.1	7.9	8.0	8.0	7.9	7.8	7.8	7.8	7.6
1981.....	7.6	7.6	7.5	7.3	7.7	7.4	7.2	7.3	7.7	8.1	8.4	9.1
UNEMPLOYMENT RATE - PRIVATE WAGE AND SALARY WORKERS IN CONSTRUCTION												
1970.....	7.4	7.9	8.1	8.7	10.8	10.5	10.7	11.3	12.0	11.2	10.6	11.6
1971.....	11.5	11.1	11.1	10.1	9.9	10.5	9.5	9.6	9.4	9.8	10.3	10.9
1972.....	10.3	10.8	10.3	10.5	10.9	9.7	10.4	11.3	8.9	10.1	10.1	9.7
1973.....	9.4	9.3	8.9	9.1	8.8	8.0	9.1	8.4	9.0	8.9	9.0	8.4
1974.....	9.5	8.5	8.6	9.9	9.5	9.9	10.2	10.9	11.6	12.1	13.6	15.3
1975.....	15.7	16.3	17.8	19.2	21.5	19.8	19.5	19.1	18.5	17.8	17.4	16.8
1976.....	15.5	15.4	15.7	15.6	14.7	16.3	16.8	16.6	15.7	14.7	15.4	14.3
1977.....	14.8	14.7	13.9	12.5	13.4	12.6	12.0	11.5	10.5	11.8	11.4	10.8
1978.....	11.6	11.1	11.0	9.8	9.7	9.6	9.8	9.2	10.9	11.2	10.8	12.3
1979.....	10.9	11.4	10.2	10.4	9.6	9.6	9.7	9.2	9.2	10.0	10.5	11.2
1980.....	11.7	11.3	13.1	14.6	16.1	15.2	15.8	16.7	15.8	14.2	14.5	13.8
1981.....	13.7	13.7	14.7	14.5	15.7	16.1	15.2	16.2	16.3	17.6	17.8	18.1

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
UNEMPLOYMENT RATE - PRIVATE WAGE AND SALARY WORKERS IN MANUFACTURING												
1970.....	3.9	4.6	4.7	4.8	5.1	5.5	5.9	5.9	6.1	6.7	7.1	7.4
1971.....	6.9	6.9	6.8	7.0	6.8	6.7	6.7	7.1	7.1	6.5	6.7	6.7
1972.....	6.1	6.0	6.0	5.8	5.9	5.7	5.9	5.6	5.3	5.4	4.8	4.6
1973.....	4.8	4.4	4.4	4.3	4.5	4.4	4.0	4.2	4.4	4.1	4.4	4.4
1974.....	4.8	5.1	5.0	4.9	4.8	5.2	5.4	5.7	6.0	6.5	7.5	8.7
1975.....	10.4	10.7	11.3	12.0	12.3	12.1	11.4	10.7	10.5	10.1	9.9	9.2
1976.....	8.5	8.2	7.7	7.8	7.7	7.8	7.7	7.8	7.7	7.8	7.7	8.1
1977.....	7.3	7.5	7.0	6.9	6.5	6.5	6.5	6.6	6.7	6.6	6.4	5.8
1978.....	5.9	6.0	5.7	5.4	5.6	5.6	5.4	5.4	5.3	5.1	5.2	5.3
1979.....	5.2	5.1	5.4	5.5	5.3	5.1	5.5	5.9	6.1	6.0	6.0	6.1
1980.....	6.8	6.8	6.7	8.1	9.6	9.4	9.7	9.2	9.2	9.2	8.9	8.8
1981.....	8.5	8.5	8.1	7.6	7.8	7.4	7.3	7.0	7.9	8.6	9.4	11.0
UNEMPLOYMENT RATE - PRIVATE WAGE AND SALARY WORKERS IN DURABLE GOODS												
1970.....	3.8	4.7	4.7	4.9	4.8	5.3	5.9	6.0	6.3	7.2	7.8	7.8
1971.....	7.0	7.2	7.0	7.4	7.1	7.1	6.8	7.3	7.2	6.8	6.8	6.8
1972.....	6.3	6.1	5.9	5.7	6.0	5.7	6.0	5.4	4.9	4.8	4.5	4.1
1973.....	4.4	4.1	4.2	3.7	4.0	3.7	3.5	3.8	4.2	3.9	3.9	4.0
1974.....	4.6	4.9	4.8	4.8	4.4	4.8	4.9	5.1	5.3	6.2	7.1	8.5
1975.....	10.4	10.7	11.2	12.4	12.6	12.8	12.1	11.5	11.2	10.5	10.2	9.5
1976.....	8.6	8.1	7.9	7.8	7.7	7.7	7.3	7.2	7.1	7.6	7.2	7.9
1977.....	6.8	7.3	6.7	6.3	6.1	5.8	5.9	5.9	6.1	5.9	5.8	5.7
1978.....	5.5	5.4	5.2	4.7	5.2	4.9	4.7	5.1	4.7	4.6	4.7	4.6
1979.....	4.6	4.5	4.6	4.8	4.5	4.6	5.0	5.2	5.2	5.6	5.8	5.9
1980.....	6.8	6.7	6.6	8.5	10.4	10.5	10.3	10.0	9.9	9.5	9.1	9.1
1981.....	8.4	8.7	8.0	7.5	7.4	7.1	7.1	6.5	7.7	8.6	9.5	11.8
UNEMPLOYMENT RATE - PRIVATE WAGE AND SALARY WORKERS IN NONDURABLE GOODS												
1970.....	3.9	4.5	4.6	4.6	5.6	5.7	5.9	5.8	5.8	6.0	6.2	6.8
1971.....	6.8	6.4	6.5	6.4	6.4	6.3	6.6	6.7	6.9	6.2	6.5	6.6
1972.....	5.9	6.0	6.0	5.9	5.7	5.7	5.8	5.9	5.7	6.2	5.2	5.1
1973.....	5.3	4.8	4.8	5.1	5.2	5.4	4.7	4.9	4.6	4.2	5.3	5.0
1974.....	5.2	5.4	5.3	5.1	5.3	5.9	6.2	6.6	7.1	6.8	7.9	9.0
1975.....	10.3	10.8	11.4	11.4	11.8	11.1	10.5	9.6	9.6	9.6	9.4	8.9
1976.....	8.4	8.2	7.3	7.8	7.7	8.0	8.3	8.7	8.4	8.0	8.6	8.4
1977.....	8.0	7.7	7.6	7.8	7.2	7.4	7.4	7.6	7.7	7.5	7.2	5.9
1978.....	6.5	6.9	6.5	6.5	6.3	6.7	6.4	5.8	6.1	5.8	6.0	6.2
1979.....	6.1	6.1	6.6	6.5	6.7	6.3	6.2	6.9	7.4	6.6	6.3	6.5
1980.....	6.9	7.0	6.9	7.6	8.4	7.9	8.7	8.1	8.1	8.8	8.5	8.4
1981.....	8.5	8.3	8.3	7.8	8.6	7.9	7.6	7.9	8.3	9.6	9.3	9.6
UNEMPLOYMENT RATE - PRIVATE WAGE AND SALARY WORKERS IN TRANSPORTATION AND PUBLIC UTILITIES												
1970.....	2.6	2.6	3.0	3.5	3.1	3.4	3.5	3.3	3.1	3.3	3.6	4.1
1971.....	4.2	4.1	3.2	3.8	4.4	3.5	3.2	3.3	3.8	4.2	4.4	4.2
1972.....	3.9	3.8	3.7	3.7	3.6	3.2	3.8	3.8	3.8	3.4	2.9	2.8
1973.....	2.9	3.1	3.1	2.7	2.9	3.5	2.7	2.9	2.8	3.0	3.3	3.2
1974.....	3.0	3.0	2.9	3.1	2.9	3.2	3.4	3.5	3.3	3.4	3.6	4.1
1975.....	5.9	5.2	5.7	6.5	6.2	5.8	5.5	5.6	5.6	5.4	4.7	5.0
1976.....	5.0	4.9	4.7	4.3	5.2	5.3	5.1	4.7	5.1	5.3	5.4	4.9
1977.....	4.7	4.9	5.2	4.7	4.8	4.4	4.5	4.7	4.7	4.7	4.5	4.7
1978.....	4.2	3.5	3.8	4.0	3.9	4.0	3.9	3.7	3.5	3.6	3.3	3.4
1979.....	3.4	3.3	4.0	3.1	3.5	3.2	3.7	3.7	4.1	4.0	4.4	4.2
1980.....	4.3	4.4	3.8	4.6	4.9	5.3	5.7	5.7	5.5	5.6	5.0	4.8
1981.....	5.5	5.4	6.1	5.5	5.7	4.9	4.1	4.8	4.2	4.8	5.5	6.0
UNEMPLOYMENT RATE - PRIVATE WAGE AND SALARY WORKERS IN WHOLESALE AND RETAIL TRADE												
1970.....	4.5	4.7	4.7	5.4	5.1	5.3	5.3	5.5	5.7	5.9	6.1	6.4
1971.....	6.2	6.3	6.7	6.6	6.8	6.6	6.4	6.2	6.2	6.3	6.6	6.2
1972.....	6.3	6.3	6.7	6.3	6.3	6.7	6.5	6.6	6.7	6.5	6.3	5.9
1973.....	5.5	6.0	5.4	5.7	5.6	5.4	6.0	6.0	5.7	5.2	5.6	5.9
1974.....	5.9	6.1	5.9	5.9	6.3	6.4	6.5	6.1	6.7	6.9	7.1	7.9
1975.....	9.2	8.0	8.6	9.0	8.9	8.7	8.6	8.7	8.9	8.8	9.1	9.2
1976.....	8.7	8.5	8.7	8.4	8.2	8.5	8.8	8.7	8.8	8.6	8.9	8.2
1977.....	8.5	8.7	8.5	7.8	8.4	8.0	8.0	8.1	7.6	7.8	7.4	7.2
1978.....	7.2	7.2	7.6	7.1	6.9	6.3	7.0	6.6	6.8	6.7	6.4	6.8
1979.....	6.6	6.7	6.6	6.7	6.3	6.6	6.4	6.6	6.4	6.4	6.4	6.3
1980.....	6.7	6.6	6.7	7.1	7.5	7.9	7.6	7.7	7.6	7.7	8.0	8.0
1981.....	7.7	7.7	7.6	7.5	8.3	7.7	7.9	7.9	8.5	8.4	8.6	8.9
UNEMPLOYMENT RATE - PRIVATE WAGE AND SALARY WORKERS IN FINANCE AND SERVICE INDUSTRIES												
1970.....	3.1	3.3	3.9	3.7	4.1	4.2	4.4	4.4	4.7	4.6	5.0	5.0
1971.....	5.0	4.9	5.0	5.0	5.0	5.0	5.2	5.3	5.0	5.1	5.2	5.0
1972.....	5.2	4.9	5.0	4.8	4.9	4.6	4.7	4.8	4.8	5.1	4.5	4.7
1973.....	4.3	4.4	4.5	4.4	4.1	4.2	4.2	4.3	4.1	4.2	4.3	4.6
1974.....	4.3	4.6	4.3	4.3	4.3	4.5	4.5	4.6	5.0	4.7	5.4	5.4
1975.....	6.1	6.2	6.6	6.6	6.9	6.6	6.6	6.3	6.6	6.9	6.8	6.8
1976.....	6.9	6.7	6.2	6.3	6.2	6.4	6.5	6.6	6.4	6.5	6.7	6.7
1977.....	6.2	6.3	6.5	6.2	6.3	6.1	5.7	5.6	5.7	5.7	6.0	5.4
1978.....	5.4	5.3	5.3	5.2	5.1	4.8	5.3	5.1	5.2	4.5	5.1	5.2
1979.....	5.1	4.9	4.9	4.8	4.8	4.7	4.8	5.2	4.8	4.8	4.8	4.8
1980.....	4.7	4.7	5.0	5.1	5.5	5.6	5.7	5.6	5.5	5.6	5.6	5.5
1981.....	5.8	5.9	5.6	5.8	5.8	5.8	5.7	5.7	6.0	6.2	6.1	6.4

HOUSEHOLD DATA
SEASONALLY ADJUSTED

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
NUMBERS IN THOUSANDS												
CIVILIAN LABOR FORCE - TOTAL HISPANIC ORIGIN												
1973	--	--	3,740	3,689	3,663	3,621	3,604	3,624	3,612	3,598	3,659	3,672
1974	3,678	3,733	4,000	3,932	4,052	4,091	4,086	4,075	4,076	4,084	4,119	4,248
1975	4,180	4,139	4,108	4,155	4,227	4,045	4,122	4,168	4,231	4,266	4,223	4,209
1976	4,210	4,178	4,031	4,177	4,112	4,215	4,261	4,314	4,392	4,436	4,451	4,591
1977	4,416	4,437	4,300	4,351	4,451	4,575	4,630	4,676	4,683	4,660	4,682	4,687
1978	4,785	4,825	4,912	4,909	5,003	5,022	5,039	5,047	5,010	5,089	5,017	5,082
1979	5,097	5,175	5,173	5,237	5,199	5,204	5,213	5,240	5,209	5,262	5,224	5,427
1980	5,524	5,503	5,573	5,562	5,658	5,688	5,783	5,802	5,781	5,795	5,890	5,864
1981	5,979	6,019	5,797	5,882	5,960	5,912	5,905	5,924	5,964	6,074	6,151	6,095
CIVILIAN LABOR FORCE PARTICIPATION RATE - TOTAL HISPANIC ORIGIN												
1973	--	--	59.0	60.0	59.3	59.7	59.8	58.4	59.5	60.0	60.7	61.2
1974	61.3	61.0	59.8	61.2	61.7	61.9	63.0	60.6	60.4	59.9	60.6	62.1
1975	62.4	61.3	60.2	61.0	62.0	59.8	60.5	60.7	60.6	60.5	59.6	61.1
1976	61.7	61.7	59.5	61.0	60.3	60.2	60.9	59.6	60.5	60.1	60.7	62.6
1977	61.9	62.4	60.9	61.4	61.5	61.2	61.0	60.3	61.1	60.8	62.1	63.0
1978	63.0	62.3	62.6	61.9	62.7	62.1	61.9	61.9	62.2	64.2	64.7	65.5
1979	65.7	65.5	63.8	63.5	62.6	62.4	62.6	62.1	62.7	63.2	63.9	65.5
1980	66.2	64.9	64.4	64.1	64.0	63.4	63.7	63.2	63.0	63.6	64.2	64.4
1981	65.3	65.8	64.1	64.4	64.6	64.0	63.6	63.0	63.0	63.5	64.4	64.0
EMPLOYED - TOTAL HISPANIC ORIGIN												
1973	--	--	3,467	3,398	3,367	3,335	3,346	3,355	3,334	3,309	3,361	3,393
1974	3,398	3,442	3,697	3,658	3,758	3,740	3,725	3,743	3,746	3,748	3,763	3,860
1975	3,734	3,674	3,612	3,641	3,622	3,572	3,644	3,665	3,693	3,712	3,701	3,699
1976	3,730	3,729	3,586	3,688	3,682	3,749	3,761	3,779	3,875	3,921	3,931	4,055
1977	3,922	3,932	3,820	3,933	4,010	4,113	4,190	4,237	4,230	4,222	4,245	4,273
1978	4,339	4,347	4,445	4,495	4,525	4,566	4,559	4,590	4,564	4,659	4,596	4,643
1979	4,677	4,774	4,764	4,821	4,783	4,768	4,789	4,782	4,808	4,807	4,739	4,939
1980	5,037	5,000	5,047	5,012	5,075	5,112	5,158	5,184	5,125	5,178	5,289	5,304
1981	5,332	5,312	5,187	5,345	5,356	5,307	5,314	5,340	5,393	5,422	5,446	5,426
UNEMPLOYED - TOTAL HISPANIC ORIGIN												
1973	--	--	273	291	296	286	258	269	278	289	298	279
1974	280	291	303	274	294	351	361	332	330	336	356	388
1975	446	465	496	514	605	473	478	503	538	554	522	510
1976	480	449	445	489	430	466	500	535	517	515	520	536
1977	494	505	480	418	441	462	440	439	453	438	437	414
1978	446	478	467	414	478	456	480	457	446	430	421	439
1979	420	401	409	416	416	436	424	458	401	455	485	488
1980	487	503	526	550	583	576	625	618	656	617	601	560
1981	647	707	610	537	604	605	591	584	571	652	705	669
UNEMPLOYMENT RATE - TOTAL HISPANIC ORIGIN												
1973	--	--	7.3	7.9	8.1	7.9	7.2	7.4	7.7	8.0	8.1	7.6
1974	7.6	7.8	7.6	7.0	7.3	8.6	8.8	8.1	8.1	8.2	8.6	9.1
1975	10.7	11.2	12.1	12.4	14.3	11.7	11.6	12.1	12.7	13.0	12.4	12.1
1976	11.4	10.7	11.0	11.7	10.5	11.1	11.7	12.4	11.8	11.6	11.7	11.7
1977	11.2	11.4	11.2	9.6	9.9	10.1	9.5	9.4	9.7	9.4	9.3	8.8
1978	9.3	9.9	9.5	8.4	9.6	9.1	9.5	9.1	8.9	8.4	8.4	8.6
1979	8.2	7.7	7.9	7.9	8.0	8.4	8.1	8.7	7.7	8.6	9.3	9.0
1980	8.8	9.1	9.4	9.9	10.3	10.1	10.8	10.7	11.3	10.6	10.2	9.5
1981	10.8	11.7	10.5	9.1	10.1	10.2	10.0	9.9	9.6	10.7	11.5	11.0

Explanatory Notes

Introduction

The statistics in this periodical are compiled from two major sources: (1) Household interviews, and (2) reports from employers.

Data based on household interviews are obtained from a sample survey of the population 16 years of age and over. The survey is conducted each month by the Bureau of the Census for the Bureau of Labor Statistics and provides comprehensive data on the labor force, the employed, and the unemployed, including such characteristics as age, sex, race, family relationship, marital status, occupation, and industry attachment. The survey also provides data on the characteristics and past work experience of those not in the labor force. The information is collected by trained interviewers from a sample of about 60,000 households, representing 629 areas in 1,148 counties and independent cities, with coverage in 50 States and the District of Columbia. The data collected are based on the activity or status reported for the calendar week including the 12th of the month.

Data based on establishment records are compiled each month from mail questionnaires by the Bureau of Labor Statistics, in cooperation with State agencies. The establishment survey is designed to provide industry information on nonagricultural wage and salary employment, average weekly hours, average hourly and weekly earnings, and labor turnover for the Nation, States, and metropolitan areas. The employment, hours, and earnings series are based on payroll reports from a sample of establishments employing over 30 million nonagricultural wage and salary workers. The data relate to all workers, full- or part-time, who received pay during the payroll period which includes the 12th day of the month. Based on a somewhat smaller sample, labor turnover data relate to actions occurring during the entire month.

RELATION BETWEEN THE HOUSEHOLD AND ESTABLISHMENT SERIES

The household and establishment data supplement one another, each providing significant types of information that the other cannot suitably supply. Population characteristics, for example, are readily obtained only from the household survey whereas detailed industrial classifications can be reliably derived only from establishment reports.

Data from these two sources differ from each other because of differences in definition and coverage, sources of information, methods of collection, and estimating procedures. Sampling variability and response errors are additional reasons for discrepancies. The major factors which have a differential effect on levels and trends of the two series are as follows.

Employment

Coverage. The household survey definition of employment comprises wage and salary workers (including domestics and other private household workers), self-employed persons, and unpaid workers who worked 15 hours or more during the survey week in family-operated enterprises. Employment in both agricultural and nonagricultural industries is included. The payroll survey covers only wage and salary employees on the payrolls of nonagricultural establishments.

Multiple jobholding. The household approach provides information on the work status of the population without duplication, since each person is classified as employed, unemployed, or not in the labor force. Employed persons holding more than one job are counted only once and are classified according to the job at which they worked the greatest number of hours during the survey week. In the figures based on establishment reports, persons who worked in more than one establishment during the reporting period are counted each time their names appear on payrolls.

Unpaid absences from jobs. The household survey includes among the employed all persons who had jobs but were not at work during the survey week—that is, were not working but had jobs from which they were temporarily absent because of illness, bad weather, vacation, labor-management dispute, or because they were taking time off for various other reasons, even if they were not paid by their employers for the time off. In the figures based on payroll reports, persons on leave paid for by the company are included, but not those on leave without pay for the entire payroll period.

For a comprehensive discussion of the differences between household and establishment survey employment data, see Gloria P. Green's article "Comparing Employment Estimates from Household and Payroll Surveys," *Monthly Labor Review*, December 1969.

Hours of work

The household survey measures hours actually worked whereas the payroll survey measures hours paid for by employers. In the household survey data, all persons with a job but not at work are excluded from the hours distributions and the computations of average hours. In the payroll survey, production or nonsupervisory employees on paid vacation, paid holiday, or paid sick leave are included and assigned the number of hours for which they were paid during the reporting period.

Earnings

The household survey measures median earnings of wage and salary workers in all occupations and industries in both the private and public sectors. Data refer to the usual earnings received from the worker's sole or primary job. Data from the establishment survey generally refer to mean earnings of production and related workers in mining and manufacturing, construction workers in construction, and nonsupervisory employees in private service-producing industries. For a comprehensive discussion of the household survey earnings series, see "Technical Description of the Quarterly Data on Weekly Earnings from the Current Population Survey," BLS Report 601.

COMPARABILITY OF THE HOUSEHOLD DATA WITH OTHER SERIES

Unemployment insurance data. The unemployed total from the household survey includes all persons who did not have a job at all during the survey week and were looking for work or were waiting to be called back to a job from which they had been laid off, whether or

not they were eligible for unemployment insurance. Figures on unemployment insurance claims, prepared by the Employment and Training Administration of the Department of Labor, exclude persons who have exhausted their benefit rights, new workers who have not earned rights to unemployment insurance, and persons losing jobs not covered by unemployment insurance systems (some workers in agriculture, domestic services, and religious organizations, and self-employed and unpaid family workers). Beginning in January 1978, coverage was extended to include domestic workers whose employers paid $1,000 or more in wages in any calendar quarter, agricultural employees whose employers engaged 10 or more workers in 20 weeks or paid a total of $20,000 or more in wages in any calendar quarter, and almost all State and local government employees.

In addition, the qualifications for drawing unemployment compensation differ from the definition of unemployment used in the household survey. For example, persons with a job but not at work and persons working only a few hours during the week are sometimes eligible for unemployment compensation but are classified as employed rather than unemployed in the household survey.

For an examination of the similarities and differences between State insured unemployment and total unemployment, see "Measuring Total and State Insured Unemployment" by Gloria P. Green in the June 1971 issue of the *Monthly Labor Review*.

Agricultural employment estimates of the Department of Agriculture. The principal differences in coverage are the inclusion of persons under 16 in the Statistical Research Service (SRS) series and the treatment of dual jobholders who are counted more than once if they work on more than one farm during the reporting period. There are also wide differences in sampling techniques and collecting and estimating methods, which cannot be readily measured in terms of impact on differences in level and trend of the two series.

COMPARABILITY OF THE PAYROLL EMPLOYMENT DATA WITH OTHER SERIES

Statistics on manufactures and business, Bureau of the Census. BLS establishment statistics on employment differ from employment counts derived by the Bureau of Census from its censuses of annual business establishments. The major reasons for some noncomparability are different treatment of business units considered parts of an establishment, such as central administrative offices and auxiliary units, the industrial classification of establishments, and different reporting patterns by multiunit companies. There are also differences in the scope of the industries covered, e.g., the Census of Business excludes professional services, public utilities, and financial establishments, whereas these are included in the BLS statistics.

County Business Patterns. Data in County Business Patterns (CBP), published by the Bureau of the Census, U.S. Department of Commerce, differ from BLS establishment statistics in the treatment of central administrative offices and auxiliary units. Differences may also arise because of industrial classification and reporting practices. In addition, CBP excludes interstate railroads and government, and coverage is incomplete for some of the nonprofit activities.

Employment covered by State unemployment insurance programs. Most nonagricultural wage and salary workers are covered by the unemployment insurance programs. Beginning in January 1972, coverage was expanded to include employees of small firms and selected nonprofit activities who had not been covered previously. However, certain activities, such as interstate railroads, parochial schools, and churches are not covered by unemployment insurance whereas these included in the BLS establishment statistics. Beginning in January 1978, coverage was extended to include domestic workers whose employers paid $1,000 or more in wages in any calendar quarter, agricultural employees whose employers engaged 10 or more workers in 20 weeks or paid a total of $20,000 or more in wages in any calendar quarter, and almost all State and local government employees.

Household Data (A tables)

COLLECTION AND COVERAGE

Statistics on the employment status of the population, the personal, occupational, and other characteristics of the employed, the unemployed, and persons not in the labor force, and related data are compiled for the BLS by the Bureau of the Census in its Current Population Survey (CPS). A detailed description of this survey appears in *Concepts and Methods Used in Labor Force Statistics Derived from the Current Population Survey*, BLS Report 463. This report is available from BLS upon request.

These monthly surveys of the population are conducted with a scientifically selected sample designed to represent the civilian noninstitutional population. Respondents are interviewed to obtain information about the employment status of each member of the household 16 years of age and over. Separate statistics are also collected and published for 14- and 15-year-olds. The inquiry relates to activity or status during the calendar week, Sunday through Saturday, which includes the 12th of the month. This is known as the survey week. Actual field interviewing is conducted in the following week.

Inmates of institutions, members of the Armed Forces, and persons under 14 years of age are not covered in the regular monthly enumerations and are excluded from the population and labor force statistics shown in this report. Data on members of the Armed Forces, who are included as part of the categories "total noninstitutional population" and "total labor force," are, however, obtained from the Department of Defense.

Each month about 60,000 occupied units are eligible for interview. About 2,500 of these households are visited but interviews are not obtained because the occupants are not at home after repeated calls or are unavailable for other reasons. This represents a noninterview rate for the survey of between 4 or 5 percent. In addition to the 60,000 occupied units, there are 11,000 sample units in an average month which are visited but found to be vacant or otherwise not to be enumerated. Part of the sample is changed each month. The rotation plan provides for three-fourths of the sample to be common from 1 month to the next and one-half to be common with the same month a year earlier.

Beginning in September 1975, the sample was enlarged by 9,000 households in order to provide greater reliability for smaller States and thus permit the publication of annual statistics for all 50 States and the District of Columbia. These supplementary households were added to the national 47,000 household sample in January 1978.

Over the period November 1978 to April 1979 the sample was again enlarged by 9,000 households. These supplementary households were added to the 56,000 household sample in January 1980.

Beginning in May 1981, the sample size was cut by about 6,000 occupied housing units. The reduction did not affect the ability to

publish reliable State and local estimates and had practically no effect on the reliability of national estimates.

Beginning in January 1982, the sample was expanded by about 100 households in 15 counties. The expanded sample provides sufficient coverage of counties added to 7 of the 30 largest SMSA's redefined in 1973. The additional sample had practically no effect on the reliability of national or State estimates.

CONCEPTS

Employed persons comprise (a) all those who during the survey week did any work at all as paid employees, in their own business, profession, or farm, or who worked 15 hours or more as unpaid workers in an enterprise operated by a member of the family, and (b) all those who were not working but who had jobs or businesses from which they were temporarily absent because of illness, bad weather, vacation, labor-management dispute, or personal reasons, whether or not they were paid by their employers for the time off, and whether or not they were seeking other jobs.

Each employed person is counted only once. Those who held more than one job are counted in the job at which they worked the greatest number of hours during the survey week.

Included in the total are employed citizens of foreign countries, temporarily in the United States, who are not living on the premises of an embassy.

Excluded are persons whose only activity consisted of work around the house (such as home housework, and painting or repairing own home) or volunteer work for religious, charitable, and similar organizations.

Unemployed persons comprise all persons who did not work during the survey week, who made specific efforts to find a job within the past 4 weeks, and who were available for work during the survey week (except for temporary illness). Also included as unemployed are those who did not work at all, were available for work, and (a) were waiting to be called back to a job from which they had been laid off; or (b) were waiting to report to a new wage or salary job within 30 days.

Duration of unemployment represents the length of time (through the current survey week) during which persons classified as unemployed had been continuously looking for work. For persons on layoff, duration of unemployment represents the number of full weeks since the termination of their most recent employment. A period of 2 weeks or more during which a person was employed or ceased looking for work is considered to break the continuity of the present period of seeking work. Measurements of mean and median duration are computed from a distribution of single weeks of unemployment.

Unemployed persons by reasons for unemployment are divided into four major groups. (1) Job losers are persons whose employment ended involuntarily who immediately began looking for work and persons on layoff. (2) Job leavers are persons who quit or otherwise terminated their employment voluntarily and immediately began looking for work. (3) Reentrants are persons who previously worked at a full-time job lasting 2 weeks or longer but were out of the labor force prior to beginning to look for work. (4) New entrants are persons who never worked at a full-time job lasting 2 weeks or longer.

Jobseekers are all unemployed persons who made specific efforts to find a job, sometime during the 4-week period preceding the survey week. Jobseekers do not include persons unemployed because they (a) were waiting to be called back to a job from which they had been laid off or (b) were waiting to report to a new wage or salary job within 30 days. Jobseekers are grouped by the methods used to seek work, including going to a public or private employment agency or to an employer directly, seeking assistance from friends or relatives, placing or answering ads, or utilizing some "other" method. Examples of the "other" category include being on a union or professional register, obtaining assistance from a community organization, or waiting at a designated pick-up point.

The civilian labor force comprises the total of all civilians classified as employed or unemployed in accordance with the criteria described above. The "total labor force" also includes members of the Armed Forces stationed either in the United States or abroad.

The unemployment rate represents the number unemployed as a percent of the civilian labor force. This measure can also be computed for groups within the labor force classified by sex, age, marital status, race, occupation, industry, etc. The job-loser, job-leaver, reentrant, and new entrant rates are each calculated as a percent of the civilian labor force; the sum of the rates for the four groups thus equals the total unemployment rate.

Participation rates represent the proportion of the noninstitutional population that is in the labor force. Two types of participation rates are published. The total labor force participation rate, which is the ratio of the total labor force and the total noninstitutional population; and the civilian labor force participation rate, which is the ratio of the civilian labor force and the civilian noninstitutional population. Participation rates are usually published for sex-age groups, often cross-classified by other demographic characteristics such as race and educational attainment.

Employment-population ratios represent the proportion of the total noninstitutional population that is employed.

Not in labor force includes all civilians 16 years and over who are not classified as employed or unemployed. These persons are further classified as "engaged in own home housework," "in school," "unable to work" because of long-term physical or mental illness, and "other." The "other" group includes, for the most part retired persons, those reported as too old to work, the voluntarily idle, and seasonal workers for whom the survey week fell in an "off" season and who were not reported as unemployed. Persons doing only incidental unpaid family work (less than 15 hours) are also classified as not in the labor force.

For persons not in the labor force, data on previous work experience, intentions to seek work again, desire for a job at the time of interview, and reasons for not looking for work are compiled on a quarterly basis. As of January 1970, the detailed questions for persons not in the labor force are asked only in those households that are in the fourth and eighth months of the sample, i.e., the "outgoing" groups, those which had been in the sample for 3 previous months and would not be in for the subsequent month. Between 1967 and 1969, the detailed not-in-labor force questions were asked of persons in the first and fifth months in the sample, i.e., the "incoming" groups.

Occupation, industry, and class of worker for the employed apply to the job held in the survey week. Persons with two or more jobs are classified in the job at which they worked the greatest number of hours during the survey week. The unemployed are classified according to their last full-time civilian job lasting 2 weeks or more. The occupation and industry groups used in the CPS are defined as in the 1970 Census of Population. Information on the detailed categories included in these groups is available upon request.

The class-of-worker breakdown specifies "wage and salary workers," subdivided into private and government workers, "self-employed workers," and "unpaid family workers." Wage and salary workers receive wages, salary, commission, tips, or pay in kind from a private employer or from a government unit. Self-employed persons are those who work for profit or fees in their own business, profession, or trade, or operate a farm. Unpaid family workers are persons working without pay for 15 hours a week or more on a farm or in a business operated by a member of the household to whom they are related by blood or marriage.

Hours of work statistics relate to the actual number of hours worked during the survey week. For example, a person who normally works 40 hours a week but who was off on the Columbus Day holiday would be reported as working 32 hours even though he/she was paid for the holiday.

For persons working in more than one job, the figures relate to the number of hours worked in all jobs during the week. However, all the hours are credited to the major job.

The distribution of employment by hours worked relates to persons "at work" during the survey week. At-work data differ from data on total employment because the latter include persons in the zero-hours worked category, "with a job but not at work." Included in this latter group are persons who were on vacation, ill, involved in a labor dispute, or otherwise absent from their jobs for voluntary, noneconomic reasons.

Persons who worked 35 hours or more in the survey week are designated as working "full time," correspondingly persons who worked between 1 and 34 hours are designated as working "part time." Part-time workers are classified by their usual status at their present job (either full or part time) and by their reason for working part time during the survey week (economic or other reasons). "Economic reasons" include: Slack work, material shortages, repairs to plant or equipment, start or termination of a job during the week, and inability to find full-time work. "Other reasons" include: Labor dispute, bad weather, own illness, vacation, demands of home, housework, school, no desire for full-time work, and full-time worker only during the peak season. Persons on full-time schedules include, in addition to those working 35 hours or more, those who worked from 1 to 34 hours for noneconomic reasons and usually work full time.

The *full-time labor force* consists of persons working on full-time schedules, persons involuntarily working part-time (part time for economic reasons), and unemployed persons seeking full-time jobs. The *part-time labor force* consists of persons working part time voluntarily and unemployed persons seeking part-time work. Persons with a job b ut not at work during the survey week are classified according to whether they usually work full or part-time.

Labor force time lost is a measure of aggregate hours lost to the economy through unemployment and involuntary part-time employment and is expressed as a percent of potentially available aggregate hours. It is computed by assuming: (1) That unemployed persons looking for full-time work lost an average of 37.5 hours (2) that those looking for part-time work lost the average number of hours actually worked by voluntary part-time workers during the survey week, and (3) that persons on part time for economic reasons lost the difference between 37.5 hours and the actual number of hours they worked.

White and *black and other* are terms used to describe the race of workers. The "black-and-other category," includes all persons who identified themselves in the enumeration process to be other than white. At the time of the 1980 Census of Population, 83 percent of the black-and-other civilian noninstitutional population 16 years and over were black; the remainder were primarily American Indians, Alaskan Natives, and Asians and Pacific Islanders. The term "black" is used in this volume when the relevant data are provided exclusively for the black population.

Hispanic origin refers to persons who identified themselves in the enumeration process as Mexican, Puerto Rican living on the mainland, Cuban, Central or South American, or of other Hispanic origin or descent.

Major activity: going to school and *major activity: other* are terms used to describe whether the activity of young persons during the reference week is primarily one of going to school or not. Statistics on major activity are published every month in table A-7 for 16- to 21-year-olds by employment status, race, and sex, and, if unemployed, whether seeking full- or part-time work.

Vietnam-era veterans are those who served in the Armed Forces of the United States between August 5, 1964, and May 7, 1975. Tables for veterans in this volume are limited to males in the civilian noninstitutional population, i.e., veterans in institutions and females are excluded.

Nonveterans are males who never served in the Armed Forces.

The *poverty areas* classification consists of all Census geographical divisions in which 20 percent or more of the residents were poor according to the 1970 Decennial Census. Persons were classified as poor or nonpoor by using income thresholds adopted by a Federal interagency committee in 1969. These thresholds vary by family size, composition, and residence (farm-nonfarm). While poverty areas have a substantial concentration of low-income residents, many poor persons live outside these areas and, conversely, the areas include many people who are not poor.

The *metropolitan areas* classification consists of the total of all areas encompassed by Standard Metropolitan Statistical Areas (SMSA's). The metropolitan area total is based on the number of SMSA's as defined in the 1970 Decennial Census and does not include any subsequent additions or changes. Nonmetropolitan areas refer to the total of all areas outside SMSA's. The nonmetropolitan total is disaggregated into farm and nonfarm components.

Usual weekly earnings data are provided from responses to the question "How much does. . .USUALLY earn per week at this job before deductions?" Included are any overtime pay, commissions, or tips usually received. Data refer to the sole or primary job of wage and salary workers. The term "usual" is as perceived by the respondent. If the respondent asks for a definition of "usual," interviewers are instructed to define the term as more than half the weeks worked during the past 4 or 5 months.

A *household* consists of all persons—related family members and all unrelated persons—who occupy a housing unit. A house, an apartment, a group of rooms, or a single room are regarded as a housing unit when occupied or intended for occupancy as separate living quarters.

A *householder* is the person (or one of the persons) in whose name the housing unit is owned or rented. The term is never applied to either husbands or wives in married-couple families but only to persons in families maintained by either men or women without a spouse.

Family refers to a group of two or more persons residing together who are related by blood, marriage, or adoption; all such persons are considered as members of one family even though they may include a "subfamily," that is, a married couple or a parent-child group related by blood or marriage to the householder and sharing the living quarters. The counts of families used in this volume refer to primary families only, that is, all persons in the household who are related to the householder. Families are classified either as married-couple families or as those maintained by women or men without spouses. Data on the earnings of families exclude all those in which there is no wage or salary earner or in which the husband, wife, or other persons maintaining the family is either self-employed or in the Armed Forces.

HISTORIC COMPARABILITY

Raised lower age limit

Beginning with data for 1967, the lower age limit for official statistics on persons in the labor force was raised from 14 to 16 years. A detailed discussion of this and other definitional changes introduced at that time including estimates of their effect on the various series, is contained in "New Definitions for Employment and Unemployment" by Robert L. Stein in the February 1967 issue of *Employment and Earnings and Monthly Report on the Labor Force.*

Noncomparability of labor force levels

Before the changes introduced in 1967, the labor force data were not comparable for three earlier periods: (1) Beginning in 1953, as a result of the introduction of data from the 1950 census into the estimation procedure, population levels were raised by about 600,000; labor force, total employment, and agricultural employment by about 350,000, primarily affecting the figures for totals and males; other categories were relatively unaffected; (2) beginning in 1960, the inclusion of Alaska and Hawaii resulted in an increase of about 500,000 in the population and about 300,000 in the labor force, four-fifths of this in nonagricultural employment; other labor force categories were not appreciably affected; (3) beginning in 1962, the introduction of figures from the 1960 census reduced the population by about 50,000, labor force and employment by about 200,000; unemployment totals were

virtually unchanged. In addition, beginning in 1972, information from the 1970 census was introduced into the estimation procedures, producing an increase in the civilian noninstitutional population of about 800,000; labor force and employment totals were raised by a little more than 300,000, and unemployment levels and rates were essentially unchanged. A subsequent population adjustment based on the 1970 census was introduced in March 1973. This adjustment affected the white and black and other groups but had little effect on totals. The adjustment resulted in the reduction of nearly 300,000 in the white population and an increase of the same magnitude in the black and other population. Civilian labor force and total employment figures were affected to a lesser degree; the white labor force was reduced by 150,000, and the black and other labor force rose by about 210,000. Unemployment levels and rates were not significantly affected.

Beginning in January 1974, the methodology used to prepare independent estimates of the civilian noninstitutional population was modified to an "inflation-deflation" approach. This change in the derivation of the population estimates had its greatest impact on estimates of 20- to 24-year-old males—particularly those of the black-and-other population—but had little effect on 16 and over totals. Additional information on the adjustment procedure appears in "CPS Population Controls Derived from Inflation-Deflation Method of Estimation" in the February 1974 issue of *Employment and Earnings*.

Effective July 1975, as a result of the immigration of Vietnamese refugees into the United States, the total and black-and-other independent population controls for persons 16 years and over were adjusted upward by 76,000—30,000 males and 46,000 females. The addition of the refugees increased the black-and-other population by less than 1 percent in any age-sex group, and all of the changes were in the "other" population.

Beginning in 1978, the introduction of an expansion of the sample and revisions in the estimation procedures resulted in an increase of roughly a quarter of a million in the overall civilian labor force and employment totals; unemployment levels and rates were essentially unchanged. An explanation of the procedural changes and an indication of the differences appear in "Revisions in the Current Population Survey in January 1978" in the February 1978 issue of *Employment and Earnings*.

Beginning in October 1978, the race of the individual was determined by the household respondent for the incoming rotation group households, rather than determined by the interviewer as before. The purpose of this change was to provide more accurate estimates of characteristics by race. Thus, in October 1978, one-eighth of the sample households had race determined by the household respondent and seven-eighths of the sample households had race determined by interviewer observation. It was not until January 1980 that the entire sample had race determined by the household respondent. The new procedure had no significant effect on the estimates.

Beginning in 1979, the first-stage ratio estimation method was changed in the CPS estimation procedure. The new procedure is described in the Estimating Methods section. The reasoning behind the change and an indication of the differences appear in "Change in the Estimation Procedure for the Current Population Survey beginning in January 1979" in the February 1979 issue of *Employment and Earnings*. Differences between the old and new procedures exist only for metropolitan and nonmetropolitan estimates, not for the total U.S.

Beginning in January 1982, the second-stage ratio adjustment methodology was changed in the CPS estimation procedure. The new procedure is described in the *Estimating Methods* section. The purpose of the change and an indication of its effect on national estimates of labor force characteristics appear in "Revisions in the Current Population Survey in January 1982" in the February 1982 issue of *Employment and Earnings*. In addition, current population estimates used in the second-stage estimation procedure are derived from information obtained from the 1980 census, rather than the 1970 census. This change caused substantial increases in total population and estimates of persons in all labor force categories. Rates on labor force characteristics, however, remained virtually unchanged. Some 30,000 labor force series were adjusted back to 1970 to avoid major breaks in series. The adjustment procedure used is also described in the February 1982 article referenced above. The revisions did not, however, smooth out the breaks in series occurring between 1972 and 1979 that are described above, and data users should make allowances for them in making certain data comparisons.

Changes in the occupational classification system

Beginning with 1971, the comparability of occupational employment data was affected as a result of changes in census occupational classifications introduced into the Current Population Survey (CPS). These changes stemmed from an exhaustive review of the classification system to be used for the 1970 Census of Population. This review, the most comprehensive since the 1940 census, was to reduce the size of large groups, to be more specific about general and "not elsewhere classified" groups, and to provide information on emerging significant occupations. Differences in March 1970 employment levels tabulated on both the 1960 and 1970 classification systems ranged from a drop of 650,000 in operatives to an increase of 570,000 in service workers, much of which resulted from a shift between these two groups; the nonfarm laborers group increased by 420,000, and changes in other groups amounted to 220,000 or less.

An additional major group was created by splitting the operatives category into two: Operatives, except transport, and transport equipment operatives. Separate data for these two groups first became available in January 1972. At the same time, several changes in titles, as well as in order of presentation, were introduced; for example, the title of the managers, officials, and proprietors group was changed to "managers and administrators, except farm," since only proprietors performing managerial duties are included in the category.

Apart from the effects of revisions in the occupational classification system beginning in 1971, comparability of occupational employment data was further affected in December 1971, when a question eliciting information on major activities or duties was added to the monthly CPS questionnaire in order to determine more precisely the occupational classification of individuals. This change resulted in several dramatic occupational shifts, particularly from managers and administrators to other groups. Thus, meaningful comparisons of occupational levels cannot always be made for 1972 and subsequent years with earlier periods. However, revisions in the occupational classification system as well as in the CPS questionnaire are believed to have had but a negligible impact on unemployment rates.

Additional information on changes in the occupational classification system of the CPS appears in "Revisions in Occupational Classifications for 1971" and "Revisions in the Current Population Survey" in the February 1971 and February 1972 issues, respectively, of *Employment and Earnings*.

Changes in sample design

Since the inception of the survey, there have been various changes in the design of the CPS sample. Most of these changes were made in order to improve the efficiency of the sample design and/or to increase the reliability of the sample estimates.

One major change made after every decennial census is to change the sample design to make use of the recently collected census materials. Also, occasionally the sample is expanded in terms of number of sample areas and number of sample persons. In 1953, a rotation plan was introduced in which a sample unit would be interviewed for 4 months, leave the sample for 8 months, and then return to the sample for another 4 months. When Alaska and Hawaii achieved statehood, three more sample areas were added to the sample to account for the population in these States. After the 1960 census, selection of a major portion of the sample from census address lists was begun, though a portion of the sample is still collected using area

sampling. Following the 1970 census, the ultimate sampling unit was changed from a noncontiguous cluster of six housing units to a usually contiguous cluster of four housing units. In January 1978, a supplemental sample of 9,000 housing units, selected in 24 States and the District of Columbia and designed to provide more reliable annual average estimates for States, was incorporated with the existing design. A coverage improvement sample, composed of approximately 450 sample household units which represent 237,000 occupied mobile homes and 600,000 new construction housing units, was included in computing the estimates beginning in October 1978 in order to provide coverage of mobile homes and new construction housing units that previously had no chance for selection in the CPS sample. In January 1980 another supplemental sample of 9,000 households selected in 32 States and the District of Columbia was added to the existing sample. A sample reduction of about 6,000 units was implemented in May 1981. In January 1982, about 100 occupied units were added to provide sufficient coverage in counties added to SMSA's which were redefined in 1973.

Table A provides a description of some aspects of the CPS sample design in use during the different data collection periods. For a more detailed account of the history of the CPS sample design, see *The Current Population Survey: Design and Methodology*, Technical Paper No. 40, Bureau of the Census, U.S. Department of Commerce, or *Concepts and Methods used in Labor Force Statistics Derived from the Current Population Survey*, BLS Report 463.

ESTIMATING METHODS

Under the estimating methods used in the CPS, all of the results for a given month become available simultaneously and are based on returns from the entire panel of respondents.

The CPS estimation procedure involves weighting the data from each sample person. The basic weight, which is the inverse of the probability of the person being in the sample, is a rough measure of the number of actual persons that the sample person represents. In States supplemented in the 1978 and 1980 expansions, almost all sample persons within the same sample area have the same basic weight, but the weight may differ across sample areas. The basic weight is the same for almost all sample persons in unsupplemented States. The basic weights are then adjusted for noninterview, and the ratio estimation procedure is applied.

1. *Noninterview adjustment.* The weights for all interviewed households are adjusted to the extent needed to account for occupied sample households for which no information was obtained because of absence, impassable roads, refusals, or unavailability of the respondent for other reasons. This adjustment is made separately by combinations of sample areas within each State and the District of Columbia, and within these, for six groups—two race categories (white, and black and other) within three residence categories. For sample areas which are Standard Metropolitan Statistical Areas (SMSA's), these residence categories are the central cities, and the urban and the rural balance of the SMSA's. For other sample areas, the residence categories are urban, rural nonfarm, and rural farm. The proportion of sample households not interviewed varies from 4 to 5 percent depending on weather, vacations, etc.

2. *Ratio estimates.* The distribution of the population selected for the sample may differ somewhat, by chance, from that of the population as a whole, in such characteristics as age, race, sex, and residence. Since these characteristics are closely correlated with labor force participation and other principal measurements made from the sample, the survey estimates can be substantially improved when weighted appropriately by the known distribution of these population characteristics. This is accomplished through two stages of ratio estimates as follows:

a. *First-stage ratio estimate.* In the CPS, a portion of the 629 sample areas is chosen to represent other areas not in the sample; the remainder of the sample areas represent only themselves. The first-stage ratio estimation procedure was designed to reduce the portion of the variance resulting from requiring sample areas to represent nonsample areas. Therefore, this procedure is not applied to sample areas which represent only themselves. The procedure is performed at two geographic levels: First, by the four census regions (Northeast, North Central, South, and West), and second, for each of the 46 States which contains nonsample areas. The procedure corrects for the differences that existed at the time of the 1970 census between the distribution by race and residence of the population in the sample areas and the known race-residence distribution in the portions of the census region or State represented by these areas. The regional adjustment is performed by metropolitan-nonmetropolitan residence and race, while the State adjustment is done by urban-rural status and race.

b. *Second-stage ratio estimate.* In this stage, the sample proportions in the categories described below are adjusted to the distribution of independent current estimates of the civilian noninstitutional population in the same categories. The second-stage ratio estimate is performed in order to increase the reliability of the estimates and is carried out in two steps. In the first step, the sample estimates are adjusted within each State and the District of Columbia to an independent control for the population 16 years and over, for the State. The second step of the adjustment is applied to all sample persons and is a weighting to nationwide independent population estimates of the civilian noninstitutional population within 68 age-sex-race groups. The entire second-stage ratio estimation procedure is iterated six times, each time beginning at the weights developed the previous time. This iteration ensures that the sample estimates both of the State population and of the national age-sex-race categories will be virtually equal to the independent population estimates. This second stage adjustment procedure incorporates changes instituted in January 1982. The nature of these changes is discussed in detail in "Revisions in the

Table A. Characteristics of the CPS sample

Time period	Number of sample areas	Households eligible		Households visited not eligible
		Interviewed	Not interviewed	
Aug. 1947 to Jan. 1954	68	21,000	500–1,000	3,000–3,500
Feb. 1954 to Apr. 1956	230	21,000	500–1,000	3,000–3,500
May 1956 to Dec. 1959	330	33,500	1,500	6,000
Jan. 1960 to Feb. 1963	333	33,500	1,500	6,000
Mar. 1963 to Dec. 1966	357	33,500	1,500	6,000
Jan. 1967 to July 1971	449	48,000	2,000	8,500
Aug. 1971 to July 1972	449	45,000	2,000	8,000
Aug. 1972 to Dec. 1977	461	45,000	2,000	8,000
Jan. 1978 to Dec. 1979	614	53,500	2,500	10,000
Jan. 1980 to Apr. 1981	629	62,200	2,800	12,000
May 1981 to present	629	57,800	2,500	11,000

Beginning in May 1956, these areas were chosen to provide coverage in each State and the District of Columbia.

Three sample areas were added in 1960 to represent Alaska and Hawaii after statehood.

Current Population Survey Beginning in January 1982" in the February issue of *Employment and Earnings*.

The controls by State for the civilian noninstitutional population 16 years and over are an arithmetic extrapolation of the trend in the growth of this segment of the population from the April 1, 1980 census through the lastest available July 1 estimate, adjusted as a last step to a current estimate of the U.S. population of this group. State estimates by age for July 1 are published annually in *Current Population Reports*, Series P-25. For a description of the methodology used in developing the State total, use Report 640 of that series. Descriptions of the age estimates methodology are available on request from the Chief of the Population Division, U.S. Bureau of the Census; Washington, D.C. 20233.

Beginning with the January 1982 estimates, the independent national controls used for the age-sex-race groups in the final step of the second-stage ratio adjustment are prepared by carrying forward the April 1, 1980 total population by age, race, and sex, taking account of the subsequent aging of the population, fertility, mortality, and net immigration, and then subtracting the estimate for the institutional population and Armed Forces. The April 1, 1980, total population was computed by adding together the resident population, consistent with that published for the 1980 census in *Advance Reports, Series*, PHC80-V, and the Armed Forces overseas, as compiled from Department of Defense reports.

Data on births and deaths between April 1, 1980 and the estimate data are based on tabulations of vital statistics for the resident population made by the National Center for Health Statistics and data on deaths of military personnel overseas from the Department of Defense. Estimates of net civilian immigration are based on data provided by the Immigration and Naturalization Service, the Department of Defense, the Office of Personnel Management, and the Puerto Rico Planning Board. The civilian noninstitutional population for the estimate date is derived by subtracting the Armed Forces and the institutional population from the total population including Armed Forces overseas. The institutional population is computed by applying institutional proportions derived from the 1980 census to the total population including Armed Forces overseas for the estimate date. All computations described above are performed in cells defined by single year of age, race, and sex. The independent national controls totals are then obtained by collapsing these cells into broader age groups for the population 16 years and older.

3. *Composite estimate procedure.* In deriving statistics for a given month, a composite estimating procedure is used which takes account of net changes from the previous month for continuing parts of the sample (75 percent) as well as the sample results for the current month. Almost all estimates of month-to-month change are improved by this procedure, and most estimates of levels are also improved, but to a lesser extent.

Rounding of estimates

The sums of individual items may not always equal the totals shown in the same tables because of independent rounding of totals and components to the nearest thousand. Differences, however, are insignificant.

Reliability of the estimates

There are two types of errors possible in an estimate based on a sample survey—sampling and nonsampling. The standard errors provided primarily indicate the magnitude of the sampling error. They also partially measure the effect of some nonsampling errors in response and enumeration but do not measure any systematic biases in the data.

Nonsampling errors. The full extent of nonsampling error is unknown, but special studies have been conducted to quantify some sources of nonsampling error in the CPS as discussed below. The effect of nonsampling error should be small on estimates of relative change, such as month-to-month change. Estimates of monthly levels would be more severely affected by the nonsampling error.

Nonsampling errors in surveys can be attributed to many sources, e.g., inability to obtain information about all cases in the sample, definitional difficulties, differences in the interpretation of questions, inability or unwillingness of respondents to provide correct information, inability to recall information, errors made in collection such as in recording or coding the data, errors made in processing the data, errors made in estimating values for missing data, and failure to represent all sample households and all persons within sample households (undercoverage).

Nonsampling errors occurring in the interview phase of the survey have been studied by means of a reinterview program. This program is used to estimate various sources of error as well as to evaluate and control the work of the interviewers. A random sample of each interviewer's work is inspected through reinterview at regular intervals. The results indicate, among other things, that the data published from the CPS are subject to moderate systematic biases. A description of the CPS reinterview program and some of the other results may be found in the *Current Population Survey Reinterview Program, January 1961 through December 1966*, Technical Paper No. 19, Bureau of the Census, U.S. Department of Commerce.

The effects of some components of nonsampling error in the CPS data can be examined as a result of the rotation plan used for the sample, since the level of the estimates varies by rotation group. A description of these effects appears in the article "The Effects of Rotation Group Bias on Estimates from Panel Sureys," by Barbara A. Bailar, *Journal of the American Statistical Association*, Volume 70, No. 349, March 1975.

Undercoverage in the CPS results from missed housing units and missed persons within sample households. Overall undercoverage as compared to the level of the decennial census, is about 5 percent. It is known that the CPS undercoverage varies with age, sex, and race. Generally, undercoverage is larger for males than for females, and larger for black and other races combined than for whites. Ratio estimation to independent age-sex-race population controls, as described previously, partially corrects for the biases due to survey undercoverage. However, biases exist in the estimates to the extent that missed persons in missed households or missed persons in interviewed households have different characteristics than interviewed persons in the same age-sex-race group. Further, the independent population controls used have not been adjusted for undercoverage in the 1980 census.

Additional information on nonsampling error in the CPS appears in the paper, "An Error Profile: Employment as Measured by the Current Population Survey," by Camilla Brooks and Barbara Bailar, Statistical Policy Working Paper 3, U.S. Department of Commerce, Office of Federal Statistical Policy and Standards; in the paper "The Current Population Survey: An Overview," by Marvin Thompson and Gary Shapiro, *Annals of Economic and Social Measurement*, Vol. 2, April 1973; and in *The Current Population Survey, Design and Methodology*, Technical Paper No. 40, Bureau of the Census, U.S. Department of Commerce. This last document includes a comprehensive and up-to-date discussion of various sources of error, and describes attempts to measure them in the CPS.

Sampling error. The standard error is primarily a measure of sampling variability, that is, of the variation that occurs by chance because a sample rather than the entire population is surveyed. The sample estimate and its estimated standard error enable one to construct confidence intervals, ranges that would include the average of all possible samples with a known probability. For example, if all possible samples were selected, each of these surveyed under essentially the

same general conditions and using the same sample design, and an estimate and its estimated error were calculated from each sample, then:

1. Approximately 68 percent of the intervals from one standard error below the estimate to one standard error above the estimate would include the average result of all possible samples.

2. Approximately 90 percent of the intervals from 1.6 standard errors below the estmate to 1.6 standard errors above the estimate would include the average of all possible samples.

3. Approximately 95 percent of the intervals from 2 standard errors below the estimate to 2 standard errors above the estimate would include the average result of all possible samples.

In order to derive standard errors that would be applicable to a large number of estimates and could be prepared at a moderate cost, a number of approximations were required. First, the standard errors in this volume reflect the sample design and estimation procedures in effect prior to the expansions for State estimates. Thus, these standard errors may slightly overstate the standard errors applicable to the present design. Second, instead of computing an individual standard error for each estimate, generalized sets of standard errors were computed for various types of characteristics. This generalization yields more stable estimates of the standard errors. Consequently, the sets of standard errors provided give an indication of the order of magnitude of the standard error of an estimate rather than the precise standard error.

Tables B and C show approximate standard errors for major employment status characteristics for monthly estimates and for changes for consecutive months. These standard errors are applicable to the level of the estimates in recent months.

Tables D through H provide generalized standard errors for monthly level and month-to-month change for estimated totals, unemployment rates, and percentages. Table I contains factors for use with table H for computing standard errors, as described below, for monthly level and month-to-month change for percentages. Standard errors for intermediate values not shown in the tables may be approximated by linear interpolation. The standard error for estimated changes from one month to the next is more closely related to the monthly level for the characteristic than to the size of the specific month-to-month change itself. Thus, in order to use the generalized standard errors for month-to-month change as given in the tables of standard errors, it is necessary to obtain the monthly estimate for the not published when the monthly base is less than 75,000 or the annual average base is less than 35,000.

Tables F and G show generalized standard errors for monthly level and month-to-month change for unemployment rates.

Generalized standard errors for estimated monthly percentages and estimated month-to-month change in percentages can be obtained through the use of the standard errors in table H and the factors in table I. First obtain the standard error from table H for the specific percentage and base. The generalized standard error is then calculated by multiplying the standard error from table H by the appropriate factor from table I. When the numerator and denominator of the percentage are in different categories, use the factor indicated by the numerator of the percentage.

Illustration. For example, assume that in a given month 3.6 percent of a total of 90,771,000 employed persons are employed in agriculture. First the standard error on an estimate of 3.6 percent with a base of 90,771,000 is obtained from table H (0.09 percentage point). The appropriate factor from table I for the numerator of the percentage, agricultural employment, is 1.26. The generalized standard error characteristic. It should be noted that the tables of standard errors for month-to-month change apply only to estimates of change between two consecutive months. Estimates of change for nonconsecutive months are subject to higher standard errors. Table J contains factors for use with tables D,F,H,and I to compute approximate standard errors, as described below, for levels, labor force participation rates, and percentages as pertaining to year-to-year change of monthly estimates, quarterly averages, changes in quarterly averages, yearly averages and changes in yearly averages. Note that standard errors for changes in quarterly and yearly estimates apply only to consecutive quarters and years. For years prior to 1967, the standard errors must be adjusted due to the differences in the sample size. For years prior to 1956, the standard errors should be multiplied by 1.50 and for the 1956-66 period they should by multiplied by 1.22. Table K provides generalized standard errors for quarterly estimates of persons and families for use with the CPS earnings data.

Standard errors for estimated totals. Tables D and E provide generalized standard errors for monthly totals and for month-to-month change. The figures given in these tables are to used for the characteristics as indicated.

Illustration. Assume that in a given month the number of persons working a specific number of hours was 12,000,000, an increase of 400,000 over the previous month. Linear interpolation in the second column of table D shows that the standard error on an estimate of 12,000,000 is about 150,000. The 68 percent confidence interval as shown by these data is from 11,850,000 to 12,150,000. Therefore, a conclusion that the average estimate derived from all possible samples lies within a range computed in this way would be correct for roughly 68 percent of all possible samples. Recall that the standard error of a month-to-month change is primarily dependent on the size of the monthly estimate. Thus, using linear interpolation in the first column of table E the standard error on a month-to-month change of 400,000 when the monthly level is approximately 12,000,000 is about 111,000.

Table B. Standard errors for major employment status categories

(In thousands)

Employment status, sex, age, and race	Standard error of-	
	Monthly level	Month-to-month change (consecutive months only)
Total, 16 years and over:		
Civilian labor force	208	161
Employed	229	175
Unemployed	122	123
Males, 20 years and over:		
Civilian labor force	113	95
Employed	131	114
Unemployed	84	85
Females, 20 years and over:		
Civilian labor force	167	124
Employed	168	128
Unemployed	71	74
Both sexes, 16-19 years:		
Civilian labor force	80	85
Employed	85	94
Unemployed	58	72
Black and other, 16 years and over:		
Civilian labor force	73	56
Employed	84	63
Unemployed	59	62
Males, 20 years and over:		
Civilian labor force	40	34
Employed	49	43
Unemployed	40	42
Females, 20 years and over:		
Civilian labor force	62	46
Employed	62	48
Unemployed	36	40
Both sexes, 16-19 years:		
Civilian labor force	33	37
Employed	31	36
Unemployed	28	30

Standard errors for rates and percentages. The reliability of an estimated unemployment rate or an estimated percentage, computed using sample data for both numerator and denominator, depends on both the size of the rate or percentage and the total upon which the rate or percentage is based. Estimated rates and percentages are relatively more reliable than the corresponding estimates of the numerator of the rates or percentages; this is particularly true for percentages of 50 percent or more. As a general rule, percentages are on the estimated 3.6 percent is then approximately 0.09 x 1.26 = 0.1 percentage point.

Standard errors for year-to-year change of monthly estimates, quarterly averages, changes in quarterly averages, yearly averages and changes in yearly averages. The approximate standard errors of levels, rates, and percentages involving year-to-year change of monthly estimates, quarterly averages, changes in quarterly averages, yearly averages and changes in yearly averages may be obtained by using table J in conjunction with the other tables. Standard errors for estimates of change are more closely related to the level of the estimate than to the size of the specific change. Thus, to obtain the standard error of an estimate of an average level, rate, or percentage, or an estimate of a change in level, rate, or percentage, it is first necessary to find the appropriate estimate of level. For an estimate of an average level, rate or percentage, find the standard error of this estimate. For an estimate of change in level, rate or percentage, find the standard error of the average of the two estimates affecting the change. Then, after computing the standard error by treating these estimates as monthly estimates and using the procedures above, multiply this result by a suitable factor from table J to obtain the approximate standard error for the average or change.

Illustration. For example, suppose that one is interested in the year-to-year change of a monthly unemployment rate. Let us assume that for a certain month the unemployment rate is 6.9 percent based on a total of 95,676,000 in the civilian labor force, and that a year prior to this the unemployment rate was 6.1 percent based on a total of 94,254,000 in the civilian labor force for the month. First, the standard error on the average of the two estimates, 6.5 percent with a base of 94,965,000, is obtained from table F (0.11 percentage point). The appropriate factor then from table J is 1.40. The approximate standard error on the change of 0.8 percent is then given by 0.11x1.40 = 0.15 percentage point.

The approximate standard error of levels involving year-to-year change of quarterly estimates pertaining to CPS earnings data for persons and families may be obtained by using table K in conjunction with the following formula:

$$\text{Standard error of year-to-year change} = \sqrt{\left(\begin{matrix}\text{Standard}\\ \text{error}\\ X\end{matrix}\right)^2 + \left(\begin{matrix}\text{Standard}\\ \text{error}\\ Y\end{matrix}\right)^2 - 2(P)\left(\begin{matrix}\text{Standard}\\ \text{error}\\ X\end{matrix}\right)\left(\begin{matrix}\text{Standard}\\ \text{error}\\ Y\end{matrix}\right)}$$

where X is the estimate for one quarter and Y is the estimate for another quarter. The coefficient, P, is a measure of the correlation between the estimates X and Y resulting from the presence of some of the same respondents in the sample for each estimate. For consecutive year-to-year changes of quarterly estimates, the values of P are .30 for persons (total, white, and black) and .35 for families (total, white, and black). The respective values for estimates of Hispanics are .45 and .55.

Illustration:

Assume that in a given quarter the number of women employed as full-time wage and salary workers was 27,000,000 and in the same quarter a year later their number had inreased to 29,000,000. Using linear interpolation in the eighth column of table K, the standard error of an estimate of 27,000,000 is 216,000; for 29,000,000 it is 221,000. Using the above formula, the standard error of the 2,000,000, year-to-year change is:

$$\sqrt{(216{,}000)^2 + (221{,}000)^2 - 2\,(.30)\,(216{,}000)\,(221{,}000)},$$

or about 259,000.

Table C. Standard errors for unemployment rates by major characteristics

Selected categories	Standard error of–	
	Monthly level	Consecutive month change
Total (all civilian workers)	0.12	0.12
Males, 20 years and over	.15	.15
Females, 20 years and over	.17	.18
Both sexes, 16-19 years	.57	.67
White workers	.12	.12
Black (and other) workers	.46	.49
Married men, spouse present	.15	.16
Married women, spouse present	.21	.23
Full-time workers	.12	.13
Part-time workers	.32	.40
Unemployed 15 weeks and over	.06	.07
OCCUPATION		
White-collar workers	.12	.13
Professional and technical	.18	.20
Managers and administrators, except farm	.20	.23
Sales workers	.36	.41
Clerical workers	.23	.25
Blue-collar workers	.24	.26
Craft and kindred workers	.33	.37
Blue-collar workers—Continued		
Operatives, except transport	0.44	0.50
Transport equipment operatives	.70	.77
Nonfarm laborers	.71	.81
Service workers	.32	.36
Farm workers	.54	.62
INDUSTRY		
Nonagricultural private wage and salary workers	.13	.13
Construction	.59	.70
Manufacturing	.27	.30
Durable goods	.37	.41
Nondurable goods	.39	.45
Transportation and public utilities	.38	.42
Wholesale and retail trade	.26	.29
Finance and service industries	.17	.19
Government workers	.20	.23
Agricultural wage and salary workers	1.07	1.26

Table D. Standard errors for estimates of monthly level

(In thousands)

Estimated monthly level	Characteristic[1]								
		Labor force data other than unemployment and agricultural employment data						Unemployment	
	Agricultural employment	Total or white	Black and other	Total or white, 16-19 years	Black and other, 16-19 years	Total or white males only, or females only	Black and other males only, or females only	Total or white	Black and other
50	13	10	10	10	10	9	9	10	11
100	18	14	14	14	14	13	13	14	15
500	41	32	32	32	28	30	29	31	33
1,000	57	45	44	44	33	42	40	44	46
2,000	81	64	60	60	13	59	52	62	63
4,000	113	90	79	77	-	82	60	87	83
6,000	137	109	88	84	-	99	53	106	93
8,000	-	125	90	84	-	113	16	122	-
10,000	-	139	87	76	-	124	-	135	-
15,000	-	166	36	-	-	146	-	163	-
20,000	-	188	-	-	-	161	-	182	-
30,000	-	219	-	-	-	177	-	-	-
40,000	-	249	-	-	-	178	-	-	-
50,000	-	253	-	-	-	164	-	-	-
60,000	-	260	-	-	-	131	-	-	-
70,000	-	260	-	-	-	49	-	-	-
80,000	-	254	-	-	-	-	-	-	-
100,000	-	221	-	-	-	-	-	-	-
120,000	-	143	-	-	-	-	-	-	-

[1] When determining the standard error of an estimate for a group which is a subset of the age, sex, or race groups listed, use the standard error for the next larger group, e.g., when determining the standard error on the estimated number of employed persons age 20 to 54 years, use the column for total employed.

Table E. Standard errors for estimates of month-to-month change

(In thousands)

Estimated monthly level	Characteristic[1]							
	Labor force data other than unemployment and agricultural employment data				Unemployment			
	Total or white	Black and other	Total or white, 16-19 years	Black and other, 16-19 years	Total or white	Both sexes 16-19 years, or part-time labor force[2]	Black and other	Black and other, 16-19 years
50	8	8	12	12	11	12	12	12
100	11	11	17	17	16	17	16	17
500	24	23	37	33	35	39	36	34
1,000	34	33	52	37	48	55	49	39
2,000	47	45	70	-	68	77	65	-
4,000	66	58	89	-	93	107	80	-
6,000	81	65	96	-	110	129	-	-
8,000	93	68	93	-	123	147	-	-
10,000	103	65	78	-	132	162	-	-
15,000	123	33	-	-	145	191	-	-
20,000	130	-	-	-	146	211	-	-
30,000	163	-	-	-	-	-	-	-
40,000	179	-	-	-	-	-	-	-
50,000	189	-	-	-	-	-	-	-
60,000	194	-	-	-	-	-	-	-
70,000	195	-	-	-	-	-	-	-
80,000	191	-	-	-	-	-	-	-
100,000	179	-	-	-	-	-	-	-
120,000	119	-	-	-	-	-	-	-

[1] See footnote 1, table D.

[2] Part-time labor force for unemployment also includes persons reentering the labor force, persons who left their last job, and persons by duration of unemployment.

Table F. Standard errors for unemployment rates

Monthly base of unemployment rate (in thousands)	Monthly unemployment rate (percent)									
	1	2	5	10	15	20	25	30	35	50
50	2.05	2.88	4.49	6.18	7.36	8.25	8.93	9.46	9.85	10.36
100	1.45	2.04	3.18	4.37	5.20	5.83	6.32	6.69	6.97	7.33
500	.65	.91	1.42	1.96	2.33	2.61	2.82	2.99	3.12	3.28
1,000	.46	.65	1.01	1.38	1.65	1.84	2.00	2.12	2.21	2.32
2,000	.32	.46	.71	.98	1.17	1.31	1.42	1.50	1.56	1.64
4,000	.23	.32	.50	.69	.83	.92	1.00	1.06	1.10	1.16
6,000	.19	.26	.41	.57	.67	.75	.82	.86	.90	.94
10,000	.15	.21	.32	.44	.52	.59	.63	.67	.70	.73
20,000	.11	.15	.23	.31	.37	.41	.45	.47	.49	.51
60,000	.06	.08	.12	.17	.20	.23	.25	.26	.27	.28
100,000	.04	.06	.10	.13	.16	.18	.19	.20	.21	.22

Table G. Standard errors for month-to-month change in unemployment rates

Monthly base of unemployment rate (in thousands)	Monthly unemployment rate (percent)									
	1	2	5	10	15	20	25	30	35	50
50	2.32	3.28	5.12	7.10	8.52	9.64	10.05	11.39	11.97	12.55
100	1.64	2.32	3.62	5.02	6.02	6.81	7.11	8.05	8.39	8.87
500	.74	1.04	1.62	2.25	2.69	3.04	3.17	3.58	3.73	3.93
1,000	.52	.73	1.15	1.59	1.90	2.15	2.24	2.52	2.62	2.74
2,000	.37	.52	.81	1.12	1.34	1.51	1.57	1.76	1.83	1.89
4,000	.26	.37	.57	.79	.94	1.06	1.10	1.22	1.26	1.26
6,000	.21	.30	.47	.64	.76	.86	.89	.97	1.00	–
10,000	.16	.13	.36	.49	.59	.65	.67	.72	–	–
20,000	.11	.15	.24	.33	.39	.44	.48	.51	–	–
60,000	.06	.09	.13	.13	.21	.22	.23	–	–	–
100,000	.05	.07	.10	.13	.14	.14	–	–	–	–

Table H. Standard errors for estimated percentages and month-to-month change in percentages for labor force data

Monthly base of percentages (in thousands)	Percentage of monthly level									
	1 or 99	2 or 98	5 or 95	10 or 90	15 or 85	20 or 80	25 or 75	30 or 70	35 or 65	50
50	2.03	2.85	4.44	6.12	7.28	8.15	8.83	9.34	9.72	10.19
100	1.43	2.02	3.14	4.32	5.15	5.77	6.24	6.61	6.88	7.21
500	.64	.90	1.41	1.93	2.30	2.58	2.79	2.95	3.07	3.22
1,000	.45	.64	.99	1.37	1.63	1.82	1.97	2.09	2.17	2.28
2,000	.32	.45	.70	.97	1.15	1.29	1.40	1.48	1.54	1.61
4,000	.23	.32	.50	.68	.81	.91	.99	1.04	1.09	1.14
6,000	.19	.26	.41	.56	.66	.74	.81	.85	.89	.93
10,000	.14	.20	.31	.43	.51	.58	.62	.66	.69	.73
20,000	.10	.14	.22	.31	.36	.41	.44	.47	.49	.51
40,000	.07	.10	.16	.22	.26	.29	.31	.33	.34	.36
60,000	.06	.08	.13	.18	.21	.24	.25	.27	.28	.29
80,000	.05	.07	.11	.15	.18	.20	.22	.23	.24	.25
100,000	.05	.06	.10	.14	.16	.18	.20	.21	.22	.23
160,000	.04	.05	.08	.11	.13	.14	.16	.17	.17	.18

NOTE: The standard errors in this table must be multiplied by the factors in table I to obtain the approximate standard error for a specific characteristic.

Table I. Factors to be used with Table H to compute approximate standard errors for percentages and month-to-month change in percentages

Characteristic	Factor		Characteristic	Factor	
	Monthly level	Month-to-month change		Monthly level	Month-to-month change
Agricultural employment:			Unemployment:		
Total or full-time labor force	1.26	1.05	Part-time labor force, duration of unemployment, left last job, reentering labor force	1.01	1.21
Part-time labor force	1.26	1.50			
Labor force data other than agricultural employment data and unemployment data:			All other unemployment characteristics:		
Total	1.00	.74	Total or white:		
Males only	.93	.84	Total	.97	1.08
Females only	.86	.75	Both sexes, 16-19 years	.97	1.21
Both sexes, 16-19 years	1.00	1.18	Black and other:		
Part-time labor force	1.00	1.18	Total	1.04	1.13
			Both sexes, 16-19 years	1.04	1.24

Table J. Factors to be used with Tables, D, F, H, and I to compute the approximate standard errors for levels, rates, and percentages for year-to-year change of monthly estimates, quarterly averages, change in quarterly averages, yearly averages, and change in yearly averages

Characteristic	Factors				
	Year-to-year change of monthly estimate	Quarterly averages	Change in quarterly averages	Yearly averages	Change in yearly averages
Agricultural employment:					
Total or males	1.30	0.89	0.80	0.72	0.70
Females or teenagers (16-19 years)	1.30	.83	.80	.58	.70
Part time	1.40	.74	.80	.46	.70
Labor force data other than agricultural employment data and unemployment data:					
Total or white	1.30	.88	.88	.67	.70
Black and other or teenagers (16-19 years)	1.30	.82	.88	.57	.70
Part time	1.40	.74	.88	.46	.60
Unemployment:					
Total	1.40	.76	.88	.50	.65
Part time	1.40	.69	.88	.39	.54

Table K. Standard errors for estimates of quarterly level

(In thousands)

Estimated quarterly level	Characteristic								
	Total			Males				Females	
	Part-time workers	Total or full-time workers		Part-time workers	Total or full-time workers			Total, full-time, or part-time workers	
		Total or white	Black		Total	White	Black	Total or white	Black
10	5	5	5	5	5	5	5	5	5
50	11	12	12	11	12	12	12	11	11
75	13	15	15	13	15	15	15	13	13
100	15	17	17	15	17	17	17	15	15
150	19	21	21	19	21	21	21	19	19
200	22	24	24	22	24	24	24	22	21
250	24	27	27	24	27	27	27	24	24
300	26	30	30	26	30	30	29	26	26
500	34	38	38	34	38	38	37	34	33
750	42	47	46	42	47	47	45	42	41
1,000	48	54	53	48	54	54	50	48	46
1,500	59	66	63	59	66	66	59	59	56
2,000	68	76	72	68	76	76	65	68	63
2,500	76	85	79	75	84	84	69	75	69
3,000	83	93	85	82	92	92	71	82	74
5,000	107	119	100	105	117	116	64	105	85
7,500	130	145	107	127	140	138	–	127	–
10,000	149	165	102	144	157	155	–	145	–
15,000	180	198	–	187	183	179	–	173	–
20,000	205	224	–	192	199	193	–	195	–
25,000	226	244	–	207	209	199	–	211	–
30,000	224	261	–	219	212	198	–	224	–
40,000	273	286	–	236	201	174	–	242	–
50,000	296	301	–	–	–	–	–	–	–
75,000	331	304	–	–	–	–	–	–	–
100,000	343	255	–	–	–	–	–	–	–

Establishment Data (B, C, and D tables)

COLLECTION

Payroll reports provide current information on wage and salary employment, hours, earnings, and labor turnover in nonagricultural establishments, by industry and geographic location.

Federal-State cooperation

Under cooperative arrangements, responding establishments report employment, hours, and earnings data and/or labor turnover data to State agencies. State agencies mail the forms to the establishments and examine the returns for consistency, accuracy, and completeness. The States use the reported data to prepare State and area series and also send the reported data to the BLS (Washington Office) for use in preparing the national series. This avoids a duplicate reporting burden on establishments, and together with the use of similar estimating techniques at the national and State levels, promotes increased comparability between estimates.

Shuttle schedules

Two types of data collection schedules are used: Form BLS 790—Report on Employment, Payroll, and Hours; and Form DL 1219—Monthly Report on Labor Turnover. The collection agency returns the schedule to the respondent each month so that the next month's data can be entered on the space allotted for that month. This "shuttle" procedure assures maximum comparability and accuracy of reporting, since the respondent can see the figures that have been reported for previous months.

Form BLS 790 provides for entry of data on the total number of full- and part-time workers on the payrolls of nonagricultural establishments and, for most industries, employment, payroll, and hours of production and related workers or nonsupervisory workers for the pay period which includes the 12th of the month. Form DL 1219 provides for the collection of information on the total number of accessions and separations, by type, during the calendar month, and total employment during the pay period which includes the 12th of the month.

CONCEPTS

Industrial classification

Establishments reporting on Form BLS 790 and Form DL 1219 are classified into industries on the basis of their principal product or activity determined from information on annual sales volume. Since January 1980, this information is collected on a supplement to the quarterly unemployment insurance tax reports filed by employers. For an establishment making more than one product or engaging in more than one activity, the entire employment of the establishment is included under the industry indicated by the principal product or activity.

All data on employment, hours, earnings, and labor turnover for the Nation and for most States and areas are classified in accordance with the 1972 *Standard Industrial Classification Manual* (SICM), Office of Management and Budget. The BLS tabulates and estimates statistics which distinguish between private and public establishments, thus maintaining continuity with previously published statistics for the private and government sectors.

Industry employment

Employment data, except those for the Federal Government, refer to persons on establishment payrolls who received pay for any part of the pay period which includes the 12th of the month. For Federal Government establishments, employment figures represent the number of persons who occupied positions on the last day of the calendar month. Intermittent workers are counted if they performed any service during the month.

The data exclude proprietors, the self-employed, unpaid volunteer or family workers, farm workers, and domestic workers in households. Salaried officers of corporations are included. Government employment covers only civilian employees; military personnel are excluded. Employees of the Central Intelligence and National Security Agencies are also excluded.

Persons on establishment payrolls who are on paid sick leave (when pay is received directly from the firm), on paid holiday or paid vacation, or who work during a part of the pay period even though they are unemployed or on strike during the rest of the period are counted as employed. Not counted as employed are persons who are on layoff, on leave without pay, or on strike for the entire period or who were hired but have not yet reported during the period.

Industry hours and earnings

Average hours and earnings data are derived from reports of payrolls and hours for production and related workers in manufacturing and mining, construction workers in construction, and nonsupervisory employees in private service-producing industries.

Production and related workers include working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (e.g., power plant), and recordkeeping and other services closely associated with the above production operations.

Construction workers include the following employees in the construction division: Working supervisors, qualified craft workers, mechanics, apprentices, laborers, etc., whether working at the site of construction or in shops or yards, at jobs (such as precutting and preassembling) ordinarily performed by members of the construction trades.

Nonsupervisory employees include employees (not above the working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, physicians, lawyers, accountants, nurses, social workers, research aides, teachers, drafters, photographers, beauticians, musicians, restaurant workers, custodial workers, attendants, line installers and repairers, laborers, janitors, guards, and other employees at similar occupational levels whose services are closely associated with those of the employees listed.

Payroll covers the payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of the pay period which includes the 12th of the month. The payroll is reported before deductions of any kind, e.g., for old-age and unemployment insurance, group insurance, withholding tax, bonds, or union dues; also included is pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), other pay not earned in the pay period reported (e.g., retroactive pay), tips, and the value of free rent, fuel, meals, or other payment in kind are excluded. "Fringe benefits" (such as health and other types of insurance, contributions to retirement, etc., paid by the employer) are also excluded.

Hours cover the hours paid for, during the pay period which includes the 12th of the month, for production, construction, or nonsupervisory workers. Included are hours paid for holidays and vacations, and for sick leave when pay is received directly from the firm.

Overtime hours covers hours worked by production or related workers for which overtime premiums were paid because the hours were in excess of the number of hours of either the straight-time workday or the workweek during the pay period which includes the 12th of

the month. Weekend and holiday hours are included only if overtime premiums were paid. Hours for which only shift differential, hazard, incentive, or other similar types of premiums were paid are excluded.

Gross average hourly and weekly earnings. Average hourly earnings are on a "gross" basis. They reflect not only changes in basic hourly and incentive wage rates but also such variable factors as premium pay for overtime and late-shift work and changes in output of workers paid on an incentive plan. They also reflect shifts in the number of employees between relatively high-paid and low-paid work and changes in workers' earnings in individual establishments. Averages for groups and divisions further reflect changes in average hourly earnings for individual industries.

Averages of hourly earnings differ from wage rates. Earnings are the actual return to the worker for a stated period of time; rates are the amount stipulated for a given unit of work or time. The earnings series do not measure the level of total labor costs on the part of the employer since the following are excluded: Irregular bonuses, retroactive items, payments of various welfare benefits, payroll taxes paid by employers, and earnings for those employees not covered under the production worker, construction worker, or nonsupervisory employee definitions.

Gross average weekly earnings estimates are derived by multiplying average weekly hours estimates by average hourly earnings estimates. Therefore, weekly earnings are affected not only by changes in gross average hourly earnings but also by changes in the length of the workweek. Monthly variations in such factors as proportion of part-time workers, stoppages for varying reasons, labor turnover during the survey period, and absenteeism for which employees are not paid may cause the average workweek to fluctuate.

Long-term trends of gross average weekly earnings can be affected by structual changes in the makeup of the work force. For example, persistent long-term increases in the proportion of part-time workers in retail trade and many of the services industries have reduced average workweeks in these industries and have affected the average weekly earnings series.

Average weekly hours. The workweek information relates to the average hours for which pay was received and is different from standard or scheduled hours. Such factors as unpaid absenteeism, labor turnover, part-time work, and stoppages cause average weekly hours to be lower than scheduled hours of work for an establishment. Group averages further reflect changes in the workweek of component industries.

Average overtime hours. The overtime hours represent that portion of the gross average weekly hours which exceeded regular hours and for which overtime premiums were paid. If an employee were to work on a paid holiday at regular rates, receiving as total compensation his or her holiday pay plus straight-time pay for hours worked that day, no overtime hours would be reported.

Since overtime hours are premium hours by definition, gross weekly hours and overtime hours do not necessarily move in the same direction from month to month; for example, overtime premiums may be paid for hours in excess of the straight-time workday although less than a full week is worked. Diverse trends at the industry-group level also may be caused by a marked change in hours for a component industry where little or no overtime was worked in both the previous and current months. In addition, such factors as stoppages, absenteeism, and labor turnover may not have the same influence on overtime hours as on gross hours.

Railroads hours and earnings. The figures for Class I railroads (excluding switching and terminal companies) are based on monthly data summarized in the M-300 report of the Interstate Commerce Commission and relate to all employees except executives, officials, and staff assistants (ICC group I) who received pay during the month. Gross average hourly earnings are computed by dividing total compensation by total hours paid for. Average weekly hours are obtained by dividing the total number of hours paid for, reduced to a weekly basis, by the number of employees, as defined above. Gross average weekly earnings are derived by multiplying average weekly hours by average hourly earnings.

Spendable average weekly earnings. Spendable average weekly earnings in current dollars are obtained by deducting estimated Federal social security and income taxes from average weekly earnings. The amount of income tax liability depends on the number of dependents supported by the worker, the worker's marital status and level of gross income. To reflect these variables, the Bureau calculates two sets of spendable earnings series based on the assumptions that the worker earned the gross average weekly earnings and was taxed at the rates applicable to either (1) a single worker with no dependents, or (2) a married worker with three dependents who files a joint return. The computations are based on gross average weekly earnings for all production or nonsupervisory workers in the industry division excluding other income and income earned by other family members.

The series reflect the spendable earnings of only those workers, with no dependents or three dependents, whose gross weekly pay approximates the average earnings indicated for all production and nonsupervisory workers. It does not reflect, for example, the average earnings of all married workers with three dependents; such workers, in fact, have higher gross average earnings than workers with no dependents.

Since part-time as well as full-time workers are included, and since the proportion of part-time workers has been rising, the series understates the increase in earnings for full-time workers. As noted, "fringe benefits" are not included in the earnings. For a more complete discussion of the uses and limitations of these series, see the article by Paul M. Ryscavage, "Two Divergent Measures of Purchasing Power," in the *Monthly Labor Review* for August 1979. Reprints of this ariticle are available upon request from the Bureau of Labor Statistics.

"Real" earnings, or earnings in constant dollars, are calculated from the earnings averages for the current month using a deflator derived from the Consumer Price Index for Urban Wage Earners and Clerical Workers (CPJ-W).

Average hourly earnings excluding overtime. Average hourly earnings excluding overtime premium pay are computed by dividing the total production-worker payroll for the industry group by the sum of total production-worker hours and one-half of total overtime hours. Prior to January 1956, these data were based on the application of adjustment factors to gross average hourly earnings (as described in the *Monthly Labor Review*, May 1950, pp. 537-40). Both methods eliminate only the earnings due to overtime paid for at 1½ times the straight-time rates. No adjustment is made for other premium payment provisions, such as holiday work, late-shift work, and overtime rates other than time and one-half.

Indexes of aggregate weekly payrolls and hours. The indexes of aggregate weekly payrolls and hours are prepared by dividing the current month's aggregate by the average of the 12 monthly figures for 1977. For basic industries, the hour aggregates are the product of average weekly hours and production-worker or nonsupervisory-worker employment, and the payroll aggregates are the product of hour aggregates and average hourly earnings. At all higher levels of industry aggregation, hour and payroll aggregates are the sum of the component aggregates.

Indexes of diffusion of changes in number of employees on nonagricultural payrolls. These indexes measure the percent of industries which posted increases in employment over the specified time span. The indexes are calculated from 172 unpublished seasonally adjusted employment series (two-digit nonmanufacturing industries and three-digit manufacturing industries) covering all nonagricultural payroll employment in the private sector. A more detailed discussion of these indexes appears in "Introduction of Diffusion Indexes," in the December 1974 issue of *Employment and Earnings.*

Labor turnover

Labor turnover is the gross movement of wage and salary workers into and out of employed status with respect to individual establishments. This movement, which relates to a calendar month, is divided into two broad types: *Accessions* (new hires and rehires) and *separations* (terminations of employment initiated by either employer or employee). Each type of action is cumulated for a calendar month and expressed as a rate per 100 employees. The data relate to all employees, whether full- or part-time, permanent or temporary, including executive, office, sales, other salaried personnel, and production workers. The inclusion of transfers to or from another establishment of the company as separations and accessions began January 1959.

Accessions are the total number of permanent and temporary additions to the employment roll, including both new and rehired employees.

New hires are temporary or permanent additions to the employment roll of persons who have never before been employed in the establishment (except employees transferring from another establishment of the same company) or of former employees not recalled by the employer.

Recalls are permanent or temporary additions to the employment roll of persons specifically recalled to a job in the same establishment of the company following a period of layoff lasting more than 7 consecutive days. (The collection of recalls, as a separate item, began January 1976.)

Other accessions are all additions to the employment roll which are not classified as new hires or recalls. These include transfers from other establishments of the company and former employees returning from military leave or other absences without pay who have been counted as separations. Data on other accessions are not published separately but are included in total accessions.

Separations are terminations of employment during the calendar month and are classified according to cause—quits, layoffs, and other separations—defined as follows:

Quits are terminations of employment initiated by employees, failure to report after being hired (if counted as new hires previously), and unauthorized absences, if, on the last day of the month, the person has been absent more than 7 consecutive calendar days.

Layoffs are suspensions without pay lasting or expected to last more than 7 consecutive calendar days, initiated by the employer without prejudice to the worker.

Other separations, which are not published separately but are included in total separations, are terminations of employment because of discharge, permanent disability, death, retirement, transfer to another establishment of the company, and entrance into the Armed Forces for a period expected to last more than 30 consecutive calendar days.

Relationship of labor turnover to employment series

Month-to-month changes in total employment in manufacturing industries reflected by labor turnover rates are not strictly comparable with the changes shown in the Bureau's employment series for the following reasons: (1) Accessions and separations are computed for the entire calendar month; the employment reports refer to the pay period which includes the 12th of the month; and (2) employees on strike are not counted as turnover actions although such employees are excluded from the employment estimates if the work stoppage extends through the report period.

ESTIMATING METHODS

The principal features of the procedure used to estimate employment for the establishment statistics are (1) the use of the "link relative" technique, which is a form of ratio estimation, (2) periodic adjustment of employment levels to new benchmarks, and (3) the use of size and regional stratification.

The "link relative" technique

From a sample composed of establishments reporting for both the previous and current months, the ratio of current month employment to that of the previous month is computed. This is called a "link relative." The estimates of employment (all employees, including production and nonproduction workers together) for the current month are obtained by multiplying the estimates for the previous month by these "link relatives." In addition, small bias correction factors are applied to selected employment estimates each month. The size of the bias correction factors is determined from past experience. Other features of the general procedures are described in table L.

Size and regional stratification

A number of industries are stratified by size of establishment and/or by region, and the stratified production- or nonsupervisory worker-data are used to weight the hours and earnings into broader industry groupings. Accordingly, the basic estimating cell for an employment, hours, or earnings series, as the term is used in the summary of computational methods in table L, may be a whole industry or a size stratum, a region stratum, or a size stratum of a region within an industry. The labor turnover estimates are stratified by industry only.

Benchmark adjustments

Employment estimates are compared periodically with comprehensive counts of employment which provide "benchmarks" for the various nonagricultural industries, and appropriate adjustments are made as indicated. The industry estimates are currently projected from March 1980 levels. Normally, benchmark adjustments are made annually.

The primary sources of benchmark information are employment data, by industry, compiled quarterly by States agencies from reports of establishments covered under State unemployment insurance laws. These tabulations cover about 98 percent of employees on nonagricultural payrolls in the United States. Benchmark data for the residual are obtained from the records of the Social Security Administration, the Interstate Commerce Commission, and a number of other agencies in private industry or government.

The estimates for the benchmark month are compared with new benchmark levels, industry by industry. If revisions are necessary, the monthly series of estimates between benchmark periods are adjusted between the new benchmark and the preceding one, and the new benchmark for each industry is then carried forward progressively to the current month by use of the sample trends. Thus, under this procedure, the benchmark is used to establish the level of employment; the sample is used to measure the month-to-month changes in the level. A comparison of the actual amounts of revisions made at the time of the March 1980 benchmark adjustment is shown in table M.

Data for all months since the last benchmark to which the series has been adjusted are subject to revision. Revised data are published as soon as possible after each benchmark revision.

THE SAMPLE

Design

The sampling plan used in the current employment statistics program is know as "sampling proportionate to average size of establishment." This design is an optimum allocation design among strata since the sampling variance is proportional to the average size of establishments. Under this type of design, large establishments fall into the sample with certainty. The size of the sample for the various industries is determined empirically on the basis of experience and of cost considerations. In a manufacturing industry in which a high proportion of total employment is concentrated in relatively few establishments, a large percent of total employment is included in the sample. Consequently, the sample design for such industries provides for a complete census of the large establishments with only a few

Table L. Summary of methods for computing industry statistics on employment, hours, earnings, and labor turnover

Item	Basic estimating cell (industry, region, size, or region/size cell)	Aggregate industry levels (divisions, groups and, where stratified, individual cells)
	Monthly data	
All employees	All-employee estimate for previous month multiplied by ratio of all employees in current month to all employees in previous month, for sample establishments which reported for both months.	Sum of all-employee estimates for component cells.
Production or nonsupervisory workers, women employees	All-employee estimate for current month multiplied by (1) ratio of production or nonsupervisory workers to all employees in sample establishments for current month, (2) estimated ratio of women to all employees.	Sum of production- or nonsupervisory-worker estimates, or estimates of women employees, for component cells.
Gross average weekly hours	Production- or nonsupervisory-worker hours divided by number of production or nonsupervisory workers.	Average, weighted by production- or nonsupervisory-worker employment, of the average weekly hours for component cells.
Average weekly overtime hours	Production-worker overtime hours divided by number of production workers.	Average, weighted by production-worker employment, of the average weekly overtime hours for component cells.
Gross average hourly earnings	Total production- or nonsupervisory-worker payroll divided by total production- or nonsupervisory-worker hours.	Average, weighted by aggregate hours, of the average hourly earnings for component cells.
Gross average weekly earnings	Product of gross average weekly hours and average hourly earnings.	Product of gross average weekly hours and average hourly earnings.
Labor turnover rates	The number of particular actions (e.g., quits) in reporting establishmments divided by total employment in those firms. The result is multiplied by 100.	Average, weighted by employment, of the rates for component cells.
	Annual average data	
All employees, women employees, and production or nonsupervisory workers	Sum of monthly estimates divided by 12.	Sum of monthly estimates divided by 12.
Gross average weekly hours	Annual total of aggregate hours (production- or nonsupervisory-worker employment multiplied by average weekly hours) divided by annual sum of employment.	Annual total of aggregate hours for production or nonsupervisory workers divided by annual sum of employment for these workers.
Average weekly overtime hours	Annual total of aggregate overtime hours (production-worker employment multiplied by average weekly overtime hours) divided by annual sum of employment.	Annual total of aggregate overtime hours for production workers divided by annual sum of employment for these workers.
Gross average hourly earnings	Annual total of aggregate payrolls (product of production- or nonsupervisory-worker employment by weekly hours and hourly earnings) divided by annual aggregate hours.	Annual total by aggregate payrolls divided by annual aggregate hours.
Gross average weekly earnings	Product of gross average weekly hours and average hourly earnings.	Product of gross average weekly hours and average hourly earnings.
Labor turnover rates	Annual average aggregate (of each labor turnover action) divided by annual average employment.	Annual averge aggregate (of each labor turnover action) divided by annual average employment.

The estimates result from multiplying the product shown by bias adjustment factors to compensate for the underrepresentation of newly formed enterprises in the sample and other bias sources.

The sample production-worker ratio, women-worker ratio, average weekly hours, average overtime hours, and average hourly earnings are modified by a wedging technique designed to compensate for changes in the sample arising mainly from the voluntary character of the reporting. The wedging procedure accepts the advantage of continuity from the use of the matched sample, and at the same time, tapers or wedges the estimate toward the level of the latest sample average.

Table M. Comparison of nonagricultural employment benchmarks and estimates for March 1980

Industry division	Bench-mark, March 1980	Estimate, March 1980	Percent difference
Total	90,253,000	90,316,000	0.1
Mining	990,000	996,000	6
Construction	4,087,000	4,150,000	1.5
Manufacturing	20,722,000	20,793,000	3
Transportation and public utilities	5,127,000	5,143,000	3
Wholesale and retail trade	20,068,000	20,226,000	7
Finance, insurance, and real estate	5,090,000	5,085,000	-1
Services	17,636,000	17,478,000	-9
Government	16,533,000	16,445,000	-5

chosen from among the smaller establishments or none at all if the concentration of employment is great enough. On the other hand, in an industry in which a large proportion of total employment is in small establishments, the sample design calls for inclusion of all large establishments and also for a substantial number of the small ones. Many industries in the trade and services divisions fall into this category. To keep the sample to a size which can be handled by available resources, it is necessary to design samples for these industries with a smaller proportion of universe employment than is the case for most manufacturing industries. Since individual establishments in these nonmanufacturing divisions generally show less fluctuation from regular cyclical or seasonal patterns than do establishments in manufacturing industries, these smaller samples (in terms of employment) generally produce reliable estimates.

In the context of the BLS employment and labor turnover statistics programs, with their emphasis on producing timely data at minimum cost, a sample must be obtained which will provide coverage of a sufficiently large segment of the universe to provide reasonably reliable estimates that can be published promptly and regularly. The present sample meets these specifications for most industries. With its use, the BLS is able to produce preliminary estimates each month for many industries and for many geographic levels within a few weeks after the reference period, and, at a somewhat later date, statistics in considerably greater industrial detail.

Coverage

The BLS sample of establishment employment and payrolls is the largest monthly sampling operation in the field of social statistics. Table N shows the approximate proportion of total employment in each industry division covered by the group of establishments furnishing monthly employment data. The coverage for individual industries within the division may vary from the proportions shown. Table O shows the approximate coverage, in terms of employment, of the labor turnover sample.

Reliability of the employment estimates

Although the relatively large size of the BLS establishment sample assures a high degree of accuracy, the estimates derived from it may differ from the figures that would be obtained if it were possible to take a complete census using the same schedules and procedures. As discussed under the previous section, a "link relative" technique is used to estimate employment. This requires the use of the previous month's estimate as the base in computing the current month's estimate. Thus, small sampling and response errors may cumulate over several months. To remove this accumulated error, the estimates are usually adjusted annually to new benchmarks. In addition to taking account of sampling and response errors, the benchmark revision

Table N. Approximate size and coverage of BLS employment and payrolls sample, March 1980[1]

Industry division	Number of establishments in sample	Employees	
		Number reported	Percent of total
Total	166,300	35,270,000	38
Mining	2,100	369,000	37
Construction	16,100	739,000	18
Manufacturing	44,200	11,175,000	54
Transportation and public utilities			
Railroad transportation (ICC)	40	482,000	90
Other transportation and public utilities	7,600	2,623,000	57
Wholesale and retail trade	41,100	3,288,000	16
Finance, insurance, and real estate	11,200	1,826,000	36
Services	25,500	3,516,000	20
Government:			
Federal[2]	4,500	2,869,000	100
State and local	13,900	8,383,000	61

[1] Since a few establishments do not report payroll and hours information, hours and earnings estimates may be based on a slightly smaller sample than employment estimates.

[2] National estimates of Federal employment by agency are provided to BLS by the Office of Personnel Management. Detailed industry estimates for the Executive Branch, as well as State and area estimates of Federal employment, are based on a sample of 4,500 reports covering about 55 percent of employment in Federal establishments.

adjusts the estimates for changes in the industrial classification of individual establishments (resulting from changes in their product which are not reflected in the levels of estimates until the data are adjusted to new benchmarks). In fact, at the more detailed industry levels, particularly within manufacturing, changes in classification are the major cause of benchmark adjustments. Another cause of differences arises from improvements in the quality of the benchmark data. Table P presents the average percent revisions of the six most recent benchmarks (excluding the March 1973 adjustment) for major industry divisions. Detailed descriptions of individual benchmark revisions are available from the Bureau upon request.

The hours and earnings estimates for basic estimating cells are not subject to benchmark revisions, although the broader groupings may be affected slightly by changes in employment weights. The hours and earnings estimates, however, are subject to sampling errors which may be expressed as relative errors of the estimates. (A relative error is a standard error expressed as a percent of the estimate.) Relative errors for major industries are presented in table P and for individual industries with the specified number of employees in table Q. The chances are about 2 out of 3 that the hours and earnings estimates from the sample would differ by a smaller percentage than the relative

Table O. Approximate size and coverage of BLS labor turnover sample, March 1980

Industry	Employees	
	Number reported	Percent of total
Total	9,252,000	40
Manufacturing	8,461,000	41
Mining	227,000	23
Telephone communication	744,000	70

Table P. Average benchmark revision in employment estimates and relative errors for average weekly hours and average hourly earnings by industry/division

(In percent)

Industry division	Average benchmark revision in estimates of employment[1]	Relative errors[2]	
		Average weekly hours	Average hourly earnings
Total nonagricultural employment	0.3	–	–
Total private	.3	0.1	0.2
Mining	1.0	.5	.5
Construction	1.7	.2	.3
Manufacturing	.3	.1	.1
Durable goods	.4	.1	.1
Nondurable goods	.4	.1	.1
Transportation and public utilities	.4	.7	.4
Trade	.4	.1	.2
Wholesale	.7	.2	.3
Retail	.4	.2	.2
Finance, insurance, and real estate	.5	.2	.4
Services	.7	.4	.8
Government[3]	.5	–	–

[1] The average percent revision in employment for the following benchmarks: 1970, 1971, 1974, 1978, 1979 and 1980.
[2] Relative errors relate to March 1971 data.
[3] Estimates for government are based on a total count for Federal Government and, prior to the March 1979 revision,samples for State and local government benchmarked to a quinquennial census of government conducted by the Bureau of the Census.

error from the averages that would have been obtained from a complete census.

One measure of the reliability of the employment estimates for individual industries is the root-mean-square error (RMSE). The measure is the standard deviation adjusted for the bias in estimates:

$$\text{RMSE} = \sqrt{(\text{Standard Deviation})^2 + (\text{Bias})^2}$$

If the bias is small, the chances are about 2 out of 3 that an estimate from the sample would differ from its benchmark by less than the root-mean-square error. The chances are about 19 out of 20 that the difference would be less than twice the root-mean-square error.

Approximations of the root-mean-square errors (based on the most recent benchmark revisions) of differences between final estimates and benchmarks are presented in table Q.

Table Q. Root-mean-square errors of differences between benchmarks and estimates of employment and average relative errors for average weekly hours and average hourly earnings

Size of employment estimate	Root-mean-square error of employment estimates[1]	Relative errors[2] (in percent)	
		Average weekly hours	Average hourly earnings
50,000	2,100	0.9	1.5
100,000	4,400	.7	1.1
200,000	7,100	.5	.9
500,000	15,200	.4	.8
1,000,000	17,100	.3	.5
2,000,000	28,500	.3	.5

[1] Assuming 12-month intervals between benchmark revisions.
[2] Relative errors relate to March 1971 data.

For the two most recent months, estimates of employment, hours, and earnings are preliminary and are so footnoted in the tables. These figures are based on less than the total sample and are revised when all the reports in the sample have been received. Table R presents root-mean-square errors of the amounts of revisions that may be expected between the preliminary and final levels of employment and preliminary and final month-to-month changes. Revisions of preliminary hours and earnings estimates are normally not greater than 0.1 of an hour for weekly hours and 1 cent for hourly earnings.

STATISTICS FOR STATES AND AREAS

State and area employment, hours, earnings, and labor turnover data are collected and prepared by State agencies in cooperation with BLS. The area statistics relate to metropolitan areas. Definitions for all areas are published each year in the issue of *Employment and Earnings* that contains State and area annual averages (usually the May issue). Changes in definitions are noted as they occur. Additional industry detail may be obtained from the State agencies listed on the inside back cover of each issue. These statistics are based on the same establishment reports used by BLS for preparing national estimates. For employment, the sum of the State figures may differ slightly from the equivalent official U.S. totals on a national basis, because some States have more recent benchmarks than others and because of the effects of differing industrial and geographic stratification.

For the States and the areas shown in the B and C sections of this periodical, all the annual average data for the detailed industry statistics currently published by each cooperating State agency are presented (from the earliest date of availability of each series) in a summary volume published annually by the BLS.

PRODUCTIVITY DATA

Tables C-10, C-11, and C-12 are compiled by the Bureau of Labor Statistics from establishment data and from estimates of compensa-

Table R. Errors of preliminary employment estimates

Category	Root-mean-square error of—	
	Monthly level	Month-to-month change
INDUSTRY DIVISIONS		
Total nonagricultural employment	83,000	69,000
Mining	5,000	5,000
Construction	19,000	16,000
Manufacturing	29,000	27,000
Durable two-digit industries	3,700	3,500
Nondurable two-digit industries	2,500	2,500
Transportation and public utilities	14,000	14,000
Wholesale and retail trade	30,000	27,000
Finance, insurance, and real estate	8,000	7,000
Services	31,000	26,000
Government	46,000	36,000
DETAILED INDUSTRIES, SIZE OF EMPLOYMENT ESTIMATE		
50,000	300	400
100,000	700	700
200,000	1,100	1,100
500,000	3,900	4,100
1,000,000	3,800	3,900
2,000,000	6,000	6,100

NOTE: Division level data are based on differences from January 1975 through December 1980. Detailed industry data are based on differences from August 1978 through June 1979.

tion and gross national product supplied by the U.S. Department of Commerce and the Federal Reserve Board.

Definitions

Hours of wage and salary workers in nonagricultural establishments refer to hours paid for all employees—production workers, nonsupervisory workers, and salaried workers.

Output is the constant-dollar market value of final goods and services produced in a given period. Indexes of *output per hour* of labor input, or labor productivity, measure changes in the volume of goods and services produced per unit of labor.

Compensation per hour includes wages and salaries of employees plus employers' contributions for social insurance and private benefit plans. The data also include an estimate of wages, salaries, and supplementary payments for the self-employed, except for nonfinancial corporations, in which there are no self-employed.

Real compensation per hour is compensation per hour adjusted to eliminate the effect of changes in the Consumer Price Index for All Urban Consumers (CPI-U).

Unit labor costs measure the labor compensation cost required to produce one unit of output and are derived by dividing compensation per hour by output per hour. *Unit nonlabor payments* include profits, depreciation, interest, and indirect taxes per unit of output. They are computed by subtracting compensation of all persons from the current-dollar gross national product and dividing by output. In these tables, unit nonlabor costs contain all the components of unit nonlabor payments except unit profits. *Unit profits* include corporate profits and inventory valuation adjustments per unit of output.

The *implicit price deflator* is derived by dividing the current-dollar estimate of gross product by the constant-dollar estimate, making the deflator, in effect, a price index for gross product of the sector reported.

Notes on the data

For the private business sector and the nonfarm business sector, these indexes relate to the gross domestic product less household and institutions, owner-occupied housing, and statistical discrepancy. For the nonfinancial coporate sector, the indexes refer to the gross domestic product of nonfiancial coporate business.

Manufacturing data have been revised to reflect revisions in the Federal Reserve Board Index of Industrial Production. Output data are supplied by the Bureau of Economic Analysis, U.S. Department of Commerce, and the Federal Reserve Board. Quarterly measures have been adjusted by the Bureau of Labor Statistics to annual estimates of output (gross product originating) from the Bureau of Economic Analysis. Compensation and hours data are from the Bureau of Economic Analysis and the Bureau of Labor Statistics.

State and Area Unemployment Data
(E table)

FEDERAL-STATE COOPERATIVE PROGRAM

Labor force and unemployment estimates for States, labor market areas (LMA's), and other areas covered under Federal assistance programs are developed by State employment security agencies under a Federal-State cooperative program. The local unemployment estimates which are derived from standardized procedures developed by BLS are the basis for determining eligibility of an area for benefits under Federal programs such as the Comprehensive Employment and Training Act, the Public Works Employment Act, and the Public Works and Economic Development Act.

ESTIMATING METHODS

Labor force and unemployment in 10 large States: New York, California, Illinois, Ohio, New Jersey, Pennsylvania, Michigan, Texas, Massachusetts, and Florida; and two areas: Los Angeles-Long Beach metropolitan area and New York City, are sufficently reliable to be used directly from the CPS. For a description of the CPS concepts see "Household Data," above.

Monthly employment and unemployment estimates in the remaining 40 States and 214 labor market areas are prepared in several stages.

1. *Preliminary estimate—employment:* The total employment estimate is based primarily on data from the survey of establishments which produces an estimate of payroll employment. This place-of-work estimate must be adjusted to refer to place of residences as used in the CPS. Factors for adjusting from place of work to place of residence have been developed for the major categories of employment by class of worker and industry on the basis of employment relationships which existed at the time of the 1970 Decennial Census. These factors are applied to the payroll employment estimates for the current period to obtain adjusted employment estimates.

2. *Preliminary estimate—unemployment:* In the current month, the estimate of unemployment is an aggregate of the estimates for each of three building block categories: (1) Persons who were previously employed in industries covered by State unemployment insurance (UI) laws; (2) those previously employed in industries not covered by these laws; and (3) those who were either entering the labor force for the first time or reentering after a period of separation. This is referred to below as the UI-based estimate.

An estimate for those previously employed in covered industries is derived from a count of current unemployment insurance claimants, plus estimates of claimants whose benefits have been exhausted, those persons disqualified from receiving benefits for nonmonetary reasons (because they quit, were discharged for cause, etc., but would otherwise have been eligible), and persons who either filed claims late or not at all.

The estimate of those previously employed in industries not covered by UI is derived by applying to the employment estimate for each noncovered industry or class of worker subgroup in the State, the ratio of covered unemployment to covered employment weighted by factors reflecting national historical relationships.

For the third category, new entrants and reentrants into the labor force, a composite estimate is developed from equations that relate the total entrants into the labor force to the experienced unemployed and the experienced labor force. For each month, the estimate of entrants into the labor force is a function of: (a) the month of the year; (b) the level of the experienced unemployed; (c) the level of the experienced labor force; and (d) proportion of the working age population that is considered "youth." The composite estimate of total entrants is defined as:

$U = A(X + E) + BX$, where
- U = total entrant unemployment
- E = total employment
- X = total experienced unemployment
- A,B = synthetic factors incoporating seasonal variation and an assumed relationship between the proportion of youths in the working population and the historical relationship of entrants to the experienced unemployed (B factor) or the experienced labor force (A factor).

3. *Correction factors for employment and unemployment* are then applied at the State level to the UI-based estimates obtained above for

each of the 40 States and the District of Columbia. These correction factors are based on the ratio of the CPS to the UI-based estimates for the 6 month period ending in the current month (e.g. a 6-month moving average).

4. *Substate adjustment for additivity.* Independent estimates of employment and unemployment are prepared both for the State (obtained directly from the CPS in the 10 large States or by the UI-based method in the remaining States), and labor market areas (LMA's) within the State. The total of the geographic areas in the LMA's exhausts the geographic boundries of the State. A proportional adjustment is applied to all substate LMA estimates to ensure that the substate estimates of employment and unemployment add to the independent State totals. In California and New York, which also have substate areas taken directly from the CPS, the additivity adjustment for the remaining areas is applied to the State total minus the direct CPS area.

5. *Benchmark correction procedures.* Once each year monthly estimates prepared by State employment security agencies using UI-based estimating procedures are adjusted, or benchmarked, by BLS to the annual average CPS estimates for the 40 States for which monthly CPS estimates are not available. This adjustment is necessary because the State-prepared estimates are not as reliable as the CPS annual averages due to differences in State UI laws, the structual limitations of the UI-based estimating method, and errors in the UI data.

The benchmarked estimates are produced in three stages. First, the monthly UI-based estimates are adjusted by the ratio of the CPS to the UI-based annual averages. Second, the difference between the ratio of annual averages for two consecutive years is wedged into the monthly estimates in order to minimize the disturbance to the original series. Finally, the second-stage estimates are forced into agreement with CPS annual averages. In the 10 States which use CPS estimates monthly, no benchmark correction is required, as the average of the 12 monthly State CPS estimates will equal the CPS annual averages.

Seasonal Adjustment

Over the course of a year, the size of the Nation's labor force, the levels of employment and unemployment, and other measures of labor market activity undergo sharp fluctuations due to such seasonal events as changes in weather, reduced or expanded production, harvests, major holidays, and the opening and closing of schools. Because these seasonal events follow a more or less regular pattern each year, their influence on statistical trends can be eliminated by adjusting the statistics from month to month. These adjustments make it easier to observe the cyclical and other nonseasonal movements in the series. In evaluating changes in a seasonally adjusted series, it is important to note that seasonal adjustment is merely an approximation based on past experience. Seasonally adjusted estimates have a broader margin of possible error than the original data on which they are based, since they are subject not only to sampling and other errors but are also affected by the uncertainties of the seasonal adjustment process itself. Seasonally adjusted series for selected labor force and establishment data are published regularly in *Employment and Earnings*.

The seasonal adjustment programs used for these series are based on an *adaptation* of the standard ratio-to-moving average method. They provide for "moving" adjustment factors to take account of changing seasonal patterns. A detailed description of the method is given in the publication, *The X-11 Variant of the Census Method II Seasonal Adjustment Program*, Technical Paper No. 15, Bureau of the Census (1967).

Beginning in January 1980, the BLS introduced two major modifications in the seasonal adjustment methodology for data from the household survey. First, the data are being seasonally adjusted with a new procedure called X-11 ARIMA, which was developed at Statistics Canada as an extension of the existing standard X-11 method. A detailed description of the procedure appears in *The X-11 ARIMA Seasonal Adjustment Method*, by Estela Bee Dagum, Statistics Canada Catalogue No. 12-564E, February 1980. The X-11 procedure was originally developed at the Bureau of the Census and had been used by the BLS to seasonally adjust labor force series since 1973. Tests have shown that use of the X-11 ARIMA procedure, which essentially places more emphasis on recent data, provides better seasonal adjustments than does the X-11 method alone.

The second change is that seasonal factors are now being calculated for use during the first 6 months of the year rather than for the entire year. In July of each year, the BLS will calculate and publish (in *Employment and Earnings*) a new set of seasonal factors for use in the second half, based on the experience through June. Revisions of historical data for the most recent 5 years will continue to be made once a year, at the beginning of each calendar year. However, as a result of the revisions to the estimates for 1970-81 based on 1980 census population counts, revisions to seasonally adjusted series in early 1982 were carried back to 1970.

All civilian labor force and unemployment rate statistics, as well as the major employment and unemployment estimates, are computed by aggregating independently adjusted series. For example, for each of the three major labor force components—agricultural employment, nonagricultural employment, and unemployment—data for four sex-age groups (males and females under and over 20 years of age) are separately adjusted for seasonal variation and are then added to derive seasonally adjusted total figures. In order to provide seasonally adjusted total employment and civilian labor force estimates, the appropriate series are aggregated. The official unemployment rate for all civilian workers is derived by dividing the estimate for total unemployment (the sum of 4 seasonally adjusted sex-age components) by the civilian labor force (the sum of 12 seasonally adjusted sex-age components).

Revised seasonally adjusted data for selected labor force series based on the experience through December 1981, new seasonal adjustment factors to be used to calculate the overall unemployment rate for the first 6 months of 1982, and a description of the current seasonal adjustment methodology are published in the February 1982 issue of *Employment and Earnings*. Revised seasonally adjusted data covering the 1970-81 revision period for a broader range of labor force series also appear in the February 1982 issue of this publication. Many additional series, which are either components or aggregtes of the series presented, are available from the BLS upon request.

Beginning in July 1980, the BLS also uses the X-11 ARIMA methodology in seasonally adjusting the establishment data, which previously had been computed using the *BLS Seasonal Factor Method*. All series are seasonally adjusted using the multiplicative models under X-11 ARIMA. Seasonal adjustment factors used in calculating the current estimates are based on data through March of 1981. The ARIMA model options for projecting the data series for 1 year ahead have been used in seasonally adjusting the establishment series, introduced with June 1981 data.

Seasonal adjustment factors are directly applied to the component levels. Seasonally adjusted totals for most of these series are then obtained by taking a weighted average of the seasonally adjusted data for the component series. Seasonally adjusted average weekly earnings are the product of seasonally adjusted average hourly earnings and seasonally adjusted weekly hours. Average weekly earnings in constant dollars, seasonally adjusted, are obtained by dividing average weekly earnings, seasonally adjusted, by the seasonally adjusted Consumer Price Index for Urban Wage Earners and Clerical Workers

(CPI-W), and multiplying by 100. Indexes of aggregate weekly hours, seasonally adjusted, are obtained by multiplying average weekly hours, seasonally adjusted, by production or nonsupervisory workers, seasonally adjusted, and dividing by the 1977 base. For total private, total goods-producing, total private service-producing, trade, manufacturing, and durable and nondurable goods industries, the indexes of aggregate weekly hours, seasonally adjusted, are obtained by summing the aggregate weekly hours, seasonally adjusted, for the appropriate component industries and dividing by the 1977 base.

Seasonally adjusted data are not published for a number of series characterized by small seasonal components relative to their trend-cycle and/or irregular components. Beginning with data for July 1981, these failed or unsatisfactory seasonally adjusted series are used in the aggregation to broader level seasonally adjusted series. In prior months, the unadjusted series were used in the aggregation process.

The seasonally adjusted establishment data for Federal Government are based on a series which excludes the Christmas temporary help employed by the Postal Service in December. The employment of these workers constitutes the only significant seasonal change in Federal Government employment during the winter months. Furthermore, the volume of such employment may change substantially from year to year because of administrative decisions by the Postal Service. Hence, it was considered desirable to exclude this group from the data upon which the seasonally adjusted series is based.

For labor turnover rates, seasonal adjustment factors are applied directly to the component series. These series are then aggregated to obtain total levels (total accessions and total separations). These factors are derived by the *X-11 ARIMA Method* using the trading day option except for recalls. As a result, these series are adjusted for the number of times each day of the week occurs in a given month, as well as for the month of the year.

The revised seasonally adjusted series for the establishment data reflect experience through March 1981. Seasonal factors to be used for current adjustment appear in the July 1981 issue of *Employment and Earnings*.

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BUREAU OF LABOR STATISTICS
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Calendar of Features

In addition to the monthly data appearing regularly in *Employment and Earnings*, special features appear in most of the issues as shown below.

Household data

Annual averages	Jan.
Revised seasonally adjusted series	Feb.
Quarterly averages, seasonally adjusted data; persons not in labor force; persons of Hispanic origin; Vietnam-era veterans and nonveterans; poverty-nonpoverty area data; family relationship data; weekly earnings data	Jan., Apr., July, Oct.

Establishment data

National annual averages:	
Industry division (preliminary)	Jan.
Industry detail (final)	Mar.
Women employment detail (final)	Mar.
National data adjusted to new benchmarks	July
Revised historical seasonal data adjusted to new benchmarks	Supplement
Revised seasonally adjusted series	July
State and area annual averages	May
Area definitions	May

State and area unemployment data

Annual averages	May*

*The year that introduces new benchmarks values. The July 1981 issue introduced March 1980 benchmarks.

Month of publication of annual supplement issues. The latest supplement was published in August 1982.

Issue where revised data introduced. July 1981.

Issue where first revised data introduced. July 1981.

Issue where first introduced in the May 1981 issue.

Employment and Earnings

Vol. 29 No. 3 March 1982

Editors: Gloria P. Green, Gloria P. Goings, Rosalie K. Epstein

Editors' note

Effective with data for January 1982, population counts derived from the 1980 decennial census have been introduced into the estimation procedures used in the Current Population Survey (household survey). All data for 1981 have been recalculated. Because the magnitude of the revisions affected the historical continuity of labor force series, differences between estimates based on the 1970 census and those based on the 1980 census have been wedged back to 1970 for most series. Historical revisions for major labor force series appear in tables A-1, A-2, 1, and 2. Revised 1980-81 annual averages for more detailed series are included in tables 3 through 62, beginning on page 124. A description of the adjustment of labor force estimates to 1980 census population controls appeared in the February 1982 issue of this publication.

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Discontinuation of spendable earnings and labor turnover series

With release of final December 1981 data in this issue of *Employment and Earnings*, BLS will discontinue computation and publication of the spendable earnings series published in table C-4, and the labor turnover data published in tables D-1 through D-3. State and area labor turnover data which were published in table D-4 were discontinued in last month's issue with publication of November 1981 preliminary data.

The spendable earnings series has become unrepresentative of the actual earnings situation of workers. An article by Paul O. Flaim in the January 1982 issue of the *Monthly Labor Review* entitled "The Spendable Earnings Series: Has it Outlived its Usefulness?" explains the problems with the series. The decision to discontinue this series is in accord with the recommendations of the National Commission on Employment and Unemployment Statistics and the response of the Secretary of Labor to those recommendations issued in October 1981. The Bureau will continue to publish the real earnings series on a monthly basis.

The labor turnover survey is being discontinued because of budget reductions.

Employment and Unemployment Developments, February 1982

Unemployment rose in February and employment remained near January levels. The Nation's jobless rate returned to the December level of 8.8 percent after declining to 8.5 percent in January.

Total employment—as derived from the monthly survey of households—was 99.6 million in February, about the same as in the prior 2 months. Nonfarm payroll employment—as derived from the monthly survey of establishments—was 90.9 million, also about unchanged from January but down somewhat from the December level. Since the pre-recession peak of last July, the two employment series have declined by 1.3 million and 950,000, respectively.

Unemployment

The number of unemployed persons in February, at 9.6 million, was up 280,000 over the month, after declining by a similar magnitude in January. The jobless total was 1.8 million above the July 1981 level. February's jobless rate was 8.8 percent, equaling the December figure and up from last July's low of 7.2 percent.

Adult women accounted for most of the February increase in unemployment. An over-the-month rise of 0.4 percentage point brought their jobless rate to 7.6 percent, the same as that for adult men. Both white and black women shared in the unemployment increase. Overall unemployment rates for white and black workers returned to their December levels of 7.7 and 17.3 percent, respectively. There was also increased joblessness among white-collar and part-time workers. Unemployment rates for most other worker groups, including adult men, teenagers (22.3 percent), Hispanics (12.6 percent), blue-collar workers (12.5 percent), and workers in the construction (18.1 percent) and manufacturing industries (10.6 percent) showed little or no change. (See tables A-33, A-35, and A-36.)

The February rise in unemployment reflected an increase in the number of persons who left their last job and those who returned to the labor force after a period of absence. The number of workers on layoff fell for the second consecutive month but remained half a million above the July level. (See table A-39.) Workers who have been unemployed for 3 months or more increased in number in February, and the average (mean) duration of joblessness lengthened to 14.1 weeks. (See table A-37.)

The number of persons working part time for economic reasons (sometimes referred to as the "partially unemployed") rose by nearly half a million over the month to a record 5.6 million. Nearly all of the increase was attributable to persons who usually work full time. (See table A-42.)

Total employment and the labor force

Total employment was at the 99.6 million level for the third consecutive month, after declining by 1.3 million between July and December. Virtually all of this drop took place among adult men and teenagers. The employment-population ratio (the percentage of the population employed) continued to edge down and in February was 57.3 percent; the percentage has declined 1.2 percentage points since last July to its lowest level in 4½ years.

The civilian labor force returned to the December level of 109.2 million and was up by only 1.3 million over the year. Adult women comprised the bulk of this gain. (See table A-33.)

Industry payroll employment

Total nonagricultural payroll employment was about unchanged in February at 90.9 million, seasonally adjusted, following 4 months of decline. Employment losses continued to occur in many industries, however, as over-the-month job gains were registered in less than half of the 172 industries comprising the BLS diffusion index of nonagricultural payroll employment. (See tables B-4 and B-7.)

Manufacturing employment fell by about 45,000 in February; this contrasts with declines of more than 200,000 in each of the previous 4 months. The February drop was evenly divided between the durable and nondurable goods industries. Among durables, small declines continued the employment downtrend in most industries, including machinery, primary metals, and fabricated metals, while employment rose slightly in transportation equipment. Transportation equipment jobs had dropped by 185,000 between September and January. In nondurable goods, the largest decrease occurred in rubber and plastics.

Elsewhere in the goods-producing sector, construction employment, which had been severely depressed in January because of especially bad weather conditions, rose by about 80,000 in February. This increase, however, was not large enough to erase the January decline, and construction employment was down by about 45,000 over the 2-month period. Mining jobs edged down for the second month in a row.

In the service-producing sector, retail trade rose in February by about 60,000, following an even larger increase in the previous month; however, these advances may be related to lighter than usual pre-Christmas hiring, and hence the post-Christmas reduction in jobs was less than seasonally expected. Since October, employment in retail trade was up by a modest 25,000. After pausing in January, the services industry job count resumed its upward course, rising by about 55,000 in February. Employment in government—which has been losing jobs over the past year—decreased by about 40,000 over the month, with reductions occurring at both the Federal and the State and local levels.

Hours of work

The average workweek of production or nonsupervisory workers on private nonagricultural payrolls rose by seven-tenths of an hour in February, following a weather-related decline of the same magnitude in January. The manufacturing workweek, at 39.1 hours, was up 0.1 hour over the 2-month period, as a 1.8-hour February increase slightly exceeded the January drop. Factory overtime held steady in February at 2.3 hours. (See table C-6.)

Reflecting principally the over-the-month increase in the length of the workweek, the index of aggregate weekly hours of production or nonsupervisory workers on private nonfarm payrolls rose by 2.3 percent in February to 106.5 (1977 = 100), while the manufacturing index was up by 4.8 percent. Both indexes remained below their December levels. (See table C-7.) Since July, the overall index has dropped by 2.7 percent and the factory index has fallen by 9.1 percent.

Hourly and weekly earnings

Average hourly earnings edged up 0.1 percent in February, while average weekly earnings rose 2.2 percent, seasonally adjusted. Before adjustment for seasonality, average hourly earnings were down 1 cent in February to $7.54, 48 cents above the year-earlier level. Average weekly earnings, at $260.88, rose $5.69 over the month and $13.78 over the year. (See tables C-1 and C-8.)

The Hourly Earnings Index

The Hourly Earnings Index (HEI) was 145.1 (1977 = 100) in February, seasonally adjusted, 0.1 percent higher than in January. For the 12 months ended in February, the increase (before seasonal adjustment) was 7.5 percent. The HEI excludes the effects of two types of changes unrelated to underlying wage rate movements—fluctuations in overtime in manufacturing and interindustry employment shifts. In dollars of constant purchasing power, the HEI increased 0.2 percent during the 12-month period ended in January. (See table C-8.)

Comparison of Nonagricultural Employment Estimates from Two Surveys

Gloria Peterson Green and John Stinson, Jr.

Over 96 percent of the 100.4 million working Americans in 1981 held jobs in the nonagricultural sector of the economy. Statistics on the number of these workers and growth in their employment are vital in assessing current labor market trends and in appraising the overall performance of the economy. Each month, the Bureau of Labor Statistics analyzes and publishes two independently derived estimates of nonagricultural employment, based on data derived from the Current Population Survey (household survey) and the Current Employment Survey (establishment survey). Data from the household survey are obtained from a sample of about 60,000 households and measure the *work status of individuals,* whereas data from the establishment survey are derived from payroll records of approximately 166,000 establishments employing about 35 million workers and are essentially a count of *occupied jobs.*

The levels of the employment estimates from the two surveys differ significantly, but their long-term movements have been strikingly similar. For example, over the 1975-81 period, employment from each series increased by 14.6 million. Differences occur, however, with respect to the magnitude and direction of month-to-month changes, the timing and extent of swings in the business cycle, and other short-run trends. At least some of these differences arise because the series measure somewhat different phenomena—employed individuals versus occupied jobs. Although conceptual differences between the series can be reconciled or explained in part and a number of the differences in scope can be adjusted, the discrepancies which result from differences in sampling techniques, collection, and estimation methodology cannot be readily quantified in terms of their effect on the level or movements of the two series.

This article continues the Bureau's annual practice of providing an analysis of quantifiable differences between the series and a discussion of some major unmeasurable causes of discrepancies between them.[1]

Concepts and coverage

The household survey, although based on a smaller sample, is more comprehensive than the establishment survey in that it covers all wage and salary workers 16 years and over, including private household workers, as well as self-employed and unpaid family workers. The household survey also includes persons who were "with a job but not at work" during the survey week, as a result of such factors as bad weather, illness, vacation, industrial disputes, or various personal reasons, whether or not they were paid for their time off.

In contrast, the establishment survey covers only *paid* wage and salary employees, excludes private household workers, and has no age limitation. Furthermore, employees who appear on more than one payroll are counted separately for each appearance. Such persons are counted only once in the household survey, in the job at which they worked the greatest number of hours.

Quantifiable differences

Table 1 reconciles, to the extent possible, the annual average levels of nonagricultural employment from the two surveys for 1975-81. The household series shown have been revised to reflect population controls from the 1980 census. The reconciliation technique involves a number of adjustments to the household survey estimate of total nonagricultural employment in order to bring it into as close conformity as possible with the concept of nonagricultural employment in the establishment survey. Thus, estimates for the following groups are *subtracted* from the household series—self-employed workers, unpaid family workers, private household workers, and workers on unpaid absences

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[1] Prior analyses of the quantifiable differences between the two series have appeared in the March issues of this publication since 1978. For discussions of the conceptual and definitional differences between the two surveys, as well as long-term trends in their movements, see Gloria P. Green, "Comparing Employment Estimates from Household and Payroll Surveys," *Monthly Labor Review,* December 1969, pp. 9-20, and Christopher G. Gellner, "A 25-Year Look at Employment as Measured by Two Surveys" *Monthly Labor Review,* July 1973, pp. 14-23. Additional information appears in Joseph R. Antos, Anthony J. Barkume, J. Wilson Mixon, and Jack R. Triplett, "Why Employment Estimates Differ: A Study of Discrepancies Between BLS Household and Payroll Estimates," BLS Working Paper No. 65, October 1976, and Alexander Korns, "Cyclical Fluctuations in the Difference Between the Payroll and Household Measures of Employment," and "The Difference Between the Payroll and Household Measures of Employment, 1975-79," in the May and December 1979 issues, respectively, of the *Survey of Current Business,* Bureau of Economic Analysis, U.S. Department of Commerce.

Table 1. Reconciliation of nonagricultural employment estimates from the household and establishment surveys, annual averages, 1975-81

(In thousands)

Item		1975	1976	1977	1978
Payroll series, as published		76,945	79,382	82,471	86,697
Household series, as published		82,438	85,421	88,734	92,661
Less:	Self-employed workers	5,705	5,783	6,114	6,429
	Unpaid family workers	483	464	498	479
	Private household workers	1,362	1,374	1,395	1,384
	Unpaid absentees	2,034	2,159	2,171	2,183
Equals:	Nonagricultural wage and salary workers less private household workers and unpaid absentees	72,854	75,641	78,556	82,186
Plus:	14-and 15-year-olds	609	595	677	709
	Agricultural service workers	268	305	305	325
Equals:	Household series adjusted by above factors	73,731	76,541	79,538	83,220
Difference:	Payroll series less adjusted household series[1]	3,214	2,841	2,933	3,477

Item		1979	1980	1981	Change 1980-81
Payroll series, as published		89,823	90,564	91,543	979
Household series, as published		95,477	95,938	97,030	1,092
Less:	Self-employed workers	6,791	7,000	7,097	97
	Unpaid family workers	463	413	390	-23
	Private household workers	1,264	1,192	1,208	16
	Unpaid absentees	2,243	2,233	2,141	-92
Equals:	Nonagricultural wage and salary workers less private household workers and unpaid absentees	84,716	85,100	86,194	1,094
Plus:	14-and 15-year-olds	707	611	535	-76
	Agricultural service workers	367	380	385	5
Equals:	Household series adjusted by above factors	85,790	86,091	87,114	1,023
Difference:	Payroll series less adjusted household series[1]	4,033	4,473	4,429	-44

[1] As discussed more fully in the text, there are several factors accounting for the remaining difference. One of the largest stems from multiple jobholding in the payroll series. Some idea of the size of this factor can be obtained from supplements to the household survey conducted in May. The estimated number of persons holding a second nonagricultural wage and salary job ranged from 2.5 million in 1975 to 3.0 million in 1980, the latest data available.

NOTE: Household survey estimates have been revised to reflect 1980 census population controls. Moreover, comparisons of 1978 household survey data with data for prior years are affected by the introduction of an expansion in the sample and revisions in the estimation procedure introduced in January 1978. As a result, total nonagricultural employment was raised by about 120,000.

from their jobs during the reference week. Similarly, estimates of the number of employed 14- and 15-year-olds in nonagricultural wage and salary jobs (excluding private households) and workers in agricultural services[2] are *added* to the household series.

After these adjustments were made to take account of the measurable differences in concepts and coverage, the establishment survey estimates exceeded those of the household survey by amounts ranging from 2.8 million in 1976 to 4.5 million in 1980. The 1981 difference was 4.4 million. As explained in detail below, these differences would have been considerably larger without the introduction of the higher population levels from the 1980 census into the household survey estimation procedures. (See table 2.)

The remaining differences stem primarily from multiple job counting in the payroll survey, population undercount in both the decennial census and the household survey itself, and a number of other factors which cannot be quantified with any degree of certainty.

[2] Agricultural services workers are classified in agricultural industries in the household survey; in the establishment survey, they are a subcategory of the services industry. Coverage is limited to those subgroups which are largely nonagricultural in nature, such as veterinary, animal, landscape, and horticultural services. With respect to the age adjustment, data on persons under 14 who may be employed in nonagricultural industries are not collected in the household survey.

Additionally, both surveys are affected by sampling errors of various kinds.

Table 2. Comparison of the differences between the payroll series and the adjusted household series using 1970 and 1980 census-based population controls, 1975-81 annual averages.

(In thousands)

Year	Differences between the payroll and the adjusted household series		Change
	1970 base	1980 base	
1975	4,140	3,214	926
1976	3,945	2,841	1,104
1977	4,217	2,933	1,284
1978	4,940	3,477	1,463
1979	5,674	4,033	1,641
1980	6,247	4,473	1,774
1981	6,248	4,429	1,820

Sources of unquantifiable differences

Multiple counting of workers in the establishment survey stems principally from workers holding two or more jobs at the same time but also results from workers leaving one job and obtaining another one during the same reference period and thus appearing on the payroll records of more than one employer. Additionally, multiple counting may result when a worker is continued on a payroll while being compensated for earned vacation time, even though he or she has left the job. It is virtually impossible to determine the extent of multiple jobholding in the establishment survey without an independent verification, i.e. matching of payroll records and social security numbers. The multiple jobholding phenomenon has been measured to some degree in the household survey through special supplementary surveys that have been conducted annually each May. The number of persons 16 years and over who held second jobs as nonagricultural wage and salary workers ranged from 2.5 million in May 1975 to 3.0 million in May 1980, the most recent date for which comparable data were available.[3] Eliminating this and other types of dual counting, would, of course, substantially reduce the differential between the two series.

Also, there are several groups of workers who are outside the scope of the household survey but are counted on establishment payrolls. These include military personnel who also hold civilian jobs, institutionalized individuals working on payroll jobs in or outside the institution, and foreign workers (such as residents of Canada or Mexico) who commute to jobs in the United States. Adjustments for these unquantifiable differences would further reduce the differences between the two series.

With respect to the population undercount, the decennial population censuses provide the basis for projection of current estimates of the population, which, in turn, serve as monthly controls for the household survey sample. From January 1972 through December 1981, the household survey had used population controls projected forward based on the 1970 decennial census. Because there was an estimated 2.5 percent undercount in the 1970 census, the household survey employment data were understated. This contributed to the large discrepancy between the household and payroll survey employment estimates, although there was no way of directly relating the overall population undercount to the estimate of nonagricultural wage and salary workers.[4]

The 1980 census undoubtedly missed a certain percentage of the population. Although the extent of this undercount has not yet been estimated by Census Bureau statisticians, an initial evaluation indicated that the degree of undercounting in the 1980 census may have been somewhat less than in prior censuses. At the same time, the 1980 census also found many illegal aliens who entered during the 1970's and had not been included in the intercensal estimates of the population. The combination of these factors resulted in some 4.7 million *more* persons being enumerated on April 1, 1980 than had been expected, based on an updating of the population from the 1970 census date. As a consequence, when the new population controls based on the 1980 census were introduced into the household survey estimation procedures in January 1982, total nonagricultural employment was raised considerably. For example, the annual average increase for 1981 was 2.0 million. In order to maintain the historical comparability and continuity of major estimates, household survey data have been revised back to 1970.[5]

The upward revision in the household survey employment estimates had the effect of considerably reducing the gap between the household and payroll employment series. Table 2 quantifies this reduction by comparing the differences in the payroll series and the household series (as adjusted to the payroll survey concept) using data based on both the 1970 and 1980 census population controls. Because the adjustment was wedged back to 1970, the gap between the two series was reduced by the largest amount in 1981—over 1.8 million—and it was about half that in 1975.

Sampling variability

Statistics derived from the household and establishment surveys are subject to sampling error; that is,

[3] As a result of budget cutbacks, the sample size of the May 1981 supplement was reduced by three-fourths, and the supplement will be discontinued altogether in May 1982.

[4] "Coverage of Population in the 1970 Census and Some Implications for Public Programs," *Current Population Reports*, Series P-23, No. 56 (Bureau of the Census, 1975).

[5] For a more complete discussion of the new population controls and the revisions in the household survey data, see Kenneth D. Buckley, Jennifer Marks, and Ronald J. Statt, "Revisions in the Current Population Survey Beginning in January 1982," *Employment and Earnings*, February 1982, pp. 7-15.

estimates of the number of employed persons and other measures provided from these surveys may differ from the figures that would be obtained if a complete census were taken using the same schedules, instructions, and enumerators. In the household survey, the amount of the differences arising from sampling can be expressed in terms of standard error. The chances are 68 out of 100 that an estimate will differ by no more than one standard error from the results of a complete census; the chances are 90 out of 100 that an estimate based on the sample will differ from the results of a complete census by no more than 1.6 times the standard error. At this 90-percent level of confidence—the limits used by the BLS in its analyses—the monthly sampling error for the household survey estimate of nonagricultural wage and salary employment is on the order of plus or minus 390,000. (On an annual average basis, the error is about 260,000.) As in any sample survey, the results are also subject to errors of nonsampling, response, reporting, processing, and coverage.

In the establishment survey, sampling and response errors may accumulate over several months, because the estimating procedure employs the previous month's estimate as the base in computing the current month's level (link-relative technique). Moreover, estimates for the 2 most current months are based on incomplete returns and are revised when all of the returns in the sample are received. To remove any errors that accumulate over time, the employment estimates are adjusted annually to new benchmarks (comprehensive counts of employment). In addition to increasing the reliability of the sample estimates, the benchmark revisions adjust the estimates for intervening changes in industrial classification and the formation of new establishments. Employment estimates are currently projected from March 1980 benchmark levels, which were introduced in the July 1981 issue of this publication.[4] Approximations of the standard errors for the household survey data and measures of the reliability of the establishment survey data and the actual amounts of revisions due to benchmark adjustments are provided in the Explanatory Notes of this publication.

[4] See Carol M. Utter and John B. Farrell, "BLS Establishment Estimates Revised to March 1980 Benchmarks," *Employment and Earnings*, July 1981, pp. 7-26.

Labor Turnover Survey Discontinued

*Carol M. Utter

With the publication of national data for the month of December and annual averages for 1981 in this issue of *Employment and Earnings*, the Bureau of Labor Statistics is discontinuing publication of monthly labor turnover survey data. The elimination of the labor turnover survey was caused by the severe budget constraints under which the Bureau is operating.

The labor turnover survey has been conducted by BLS continuously since 1929. State agencies have cooperated with BLS in collecting and disseminating State and major labor market area data since the mid-1950's.

Uses of labor turnover data

The original purpose of the survey was to provide personnel managers with national figures on labor turnover rates for manufacturing industries against which they could measure the experience of their own plants. In recent years, the major use of the labor turnover rates has been as an economic indicator series. The layoff rate, one of 6 published labor turnover rates, was the most widely used. The layoff rate, which signals changes in the economy several months before cyclical turning points, was included by the Bureau of Economic Analysis as 1 of the 12 components of its Composite Index of Leading Indicators.

The labor turnover rates were also widely used by State employment security agencies to plan and appraise their operations. For example, the State employment security agencies compared the number of employees placed through their services with the total number of new hires reported by employers within the labor market served by a particular local employment service office. Thus, the number of job placements by each local office could be measured relative to the potential for placement in the local job market.

Shortcomings of the data

The limited scope of the turnover data—covering manufacturing, mining, and telephone communications only—has been considered a major shortcoming of the survey, particularly during the past 20 years when the service sector has provided most of the growth in the economy. The lack of data by occupation has also been considered a problem by many users, and has limited the usefulness of the series to assist in the development of occupational training programs.

Alternative sources

Alternative sources of labor turnover information have been developed by the Employment and Training Administration of the Department of Labor through the operations of State unemployment insurance systems. Several private organizations also collect and disseminate labor turnover information. The most important of these are the Bureau of National Affairs, which has been conducting a quarterly labor turnover survey since 1974, and the Administrative Management Society, which has been conducting a biennial survey on separations by office employees since 1969.

More detailed information regarding the Bureau's discontinued labor turnover survey and alternative sources of labor turnover information will appear in an article to be published in the May 1982 issue of the *Monthly Labor Review*.

Historical data

Historical data on the BLS national labor turnover series will be maintained in the BLS data base and will be provided to users who request all or part of the file. The data can be provided as listings or on tape. The Bureau does not maintain a data base for any of the State and area series which were previously published in table D-4 of *Employment and Earnings*, but some of the State agencies which have cooperated in the survey may be able to provide these data to interested users. Addresses for the State agencies can be found on the inside back cover.

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HOUSEHOLD DATA
HISTORICAL

A-1. Employment status of the noninstitutional population 16 years and over, 1947 to date

(Numbers in thousands)

Year and month	Total noninstitutional population	Total labor force		Civilian labor force						
					Employed			Unemployed		
		Number	Percent of population	Total	Total	Agriculture	Nonagricultural industries	Number	Percent of labor force	
	Annual averages									
1947	103,418	60,941	59.0	59,350	57,038	7,890	49,148	2,311	3.9	4
1948	104,527	62,080	59.4	60,621	58,343	7,629	50,714	2,276	3.8	4
1949	105,611	62,903	59.6	61,286	57,651	7,658	49,993	3,637	5.9	4
1950	106,645	63,858	59.9	62,208	58,918	7,160	51,758	3,288	5.3	4
1951	107,721	65,117	60.4	62,017	59,961	6,726	53,235	2,055	3.3	4
1952	108,823	65,730	60.4	62,138	60,250	6,533	53,749	1,883	3.0	4
1953[1]	110,031	66,560	60.5	63,015	61,179	6,260	54,919	1,834	2.9	4
1954	111,671	66,993	60.0	63,643	60,109	6,205	53,904	3,532	5.5	4
1955	112,732	68,072	60.4	65,023	62,170	6,450	55,722	2,852	4.4	4
1956	113,811	69,409	61.0	66,552	63,799	6,283	57,514	2,750	4.1	4
1957	115,065	69,729	60.6	66,929	64,071	5,947	58,124	2,859	4.3	4
1958	116,363	70,275	60.4	67,639	63,036	5,586	57,450	4,602	6.8	4
1959	117,881	70,921	60.2	68,369	64,630	5,565	59,065	3,740	5.5	4
1960[1]	119,759	72,142	60.2	69,628	65,778	5,458	60,319	3,852	5.5	4
1961	121,343	73,031	60.2	70,459	65,746	5,233	60,513	4,714	6.7	4
1962	122,981	73,442	59.7	71,614	66,702	4,944	61,759	3,911	5.5	4
1963	125,154	74,571	59.6	71,931	67,762	4,687	63,075	4,070	5.7	5
1964	127,224	75,830	59.6	73,091	69,305	4,523	64,782	3,786	5.2	5
1965	129,236	77,178	59.7	74,455	71,088	4,361	66,726	3,366	4.5	5
1966	131,180	78,893	60.1	75,770	72,895	3,979	68,915	2,875	3.8	5
1967	133,319	80,793	60.6	77,347	74,372	3,844	70,527	2,975	3.8	5
1968	135,562	82,272	60.7	78,737	75,920	3,817	72,103	2,817	3.6	5
1969	137,841	84,240	61.1	80,734	77,902	3,606	74,295	2,832	3.5	5
1970	140,182	85,959	61.3	82,771	79,573	3,463	76,110	4,097	4.9	5
1971	142,349	87,178	61.3	84,382	79,367	3,394	75,972	5,016	5.9	5
1972[1]	144,574	89,484	61.9	87,034	82,153	3,484	78,669	4,882	5.6	5
1973[1]	147,423	91,750	61.4	88,429	85,064	3,470	81,594	4,365	4.9	5
1974	150,349	94,179	61.9	91,011	86,794	3,515	83,279	5,156	5.6	5
1975	153,333	95,955	61.9	91,775	85,846	3,408	82,483	7,929	8.5	5
1976	156,394	98,302	62.1	93,756	88,752	3,331	85,421	7,406	7.7	5
1977	161,156	101,142	62.8	99,009	92,017	3,283	88,734	6,991	7.1	5
1978[1]	164,027	104,368	63.6	102,251	96,048	3,387	92,661	6,232	6.1	5
1979	166,951	107,050	64.1	104,962	98,924	3,347	95,477	6,137	5.8	5
1980	169,849	109,042	64.2	106,940	99,303	3,364	95,939	7,637	7.1	5
1981	172,271	110,812	64.3	108,670	100,397	3,368	97,030	8,273	7.6	5
	Monthly data, seasonally adjusted[2]									
1981:										
February	171,430	110,155	64.3	108,334	100,337	3,345	96,728	7,995	7.4	5
March	171,581	110,492	64.4	108,364	100,435	3,343	97,053	7,958	7.3	5
April	171,770	110,906	64.5	108,777	100,875	3,473	97,439	7,899	7.3	5
May	171,956	111,420	64.8	109,293	101,045	3,435	97,643	8,248	7.5	5
June	172,172	110,565	64.2	108,614	100,832	3,348	97,532	7,824	7.2	5
July	172,335	110,827	64.3	108,598	100,864	3,342	97,522	7,824	7.2	5
August	172,559	110,978	64.3	108,816	100,942	3,434	97,416	7,978	7.3	5
September	172,758	110,659	64.1	108,494	100,258	3,356	96,903	8,236	7.6	5
October	172,956	111,170	64.3	109,012	100,843	3,373	97,469	8,169	7.5	5
November	173,155	111,430	64.4	109,272	100,172	3,372	96,800	9,100	8.3	5
December	173,330	111,348	64.2	109,184	99,913	3,229	96,684	9,271	8.5	5
1982:										
January	173,495	111,038	64.0	108,879	99,581	3,411	96,170	9,298	8.5	5
February	173,657	111,333	64.1	109,165	99,590	3,373	96,217	9,575	8.8	5

[1] Not strictly comparable with prior years. For an explanation, see "Historic Comparability" under Household Data section of Explanatory Notes.

[2] Because seasonality, by definition, does not exist in population figures, data for "to... stitutional population" are not seasonally adjusted.

NOTE: Beginning with data for January 1982, population counts derived from t... census have been incorporated into the estimation procedures used in the ... Population Survey. All data for 1981 have been revised based on the new census ... tion counts, and adjustments have been made in the major data series for 1980 ... 1970. Seasonally adjusted data have been revised back to 1970, based on the ... tion of new seasonal adjustment factors which incorporate data through De... 1981. For additional information, see "Revision in the Current Population Surve... ning in January 1982" and "Revision of Seasonally Adjusted Labor Force Series ... February 1982 issue of this publication.

A-2. Employment status of the noninstitutional population 16 years and over by sex, 1972 to date

(Numbers in thousands)

Sex, year, and month	Total noninstitutional population	Total labor force		Civilian labor force						Not in labor force
					Employed			Unemployed		
		Number	Percent of population	Total	Total	Agriculture	Nonagricultural industries	Number	Percent of labor force	
MALES										
				Annual averages						
1972[1]	73,241	55,961	76.4	53,555	50,896	2,343	48,347	2,659	5.0	14,283
1973[1]	74,567	56,900	76.3	54,529	52,349	2,847	49,502	2,275	4.2	14,667
1974	72,971	57,902	79.3	55,739	53,024	2,919	50,105	2,714	4.9	15,069
1975	74,383	58,390	78.5	56,289	51,857	2,824	49,032	4,442	7.9	15,993
1976	75,798	59,212	78.1	57,174	53,138	2,744	50,394	4,036	7.1	16,585
1977	77,211	60,414	78.2	58,386	54,728	2,671	52,057	3,667	6.3	16,797
1978[1]	78,569	61,613	78.4	59,523	56,479	2,713	53,761	3,142	5.3	16,955
1979	79,903	62,676	78.4	60,726	57,607	2,685	54,921	3,120	5.1	17,293
1980	81,341	63,396	77.9	61,453	57,185	2,733	54,477	4,267	6.9	17,985
1981	82,476	63,939	77.5	61,374	57,197	2,733	54,687	4,577	7.4	18,537
				Monthly data, seasonally adjusted[2]						
1981:										
February	82,062	63,730	77.6	61,750	57,331	2,551	54,693	4,419	7.2	18,362
March	82,147	63,860	77.7	61,836	57,581	2,663	54,858	4,375	7.1	18,287
April	82,236	64,047	77.9	62,092	57,792	2,793	55,032	4,300	6.9	18,133
May	82,324	64,317	78.1	62,364	57,793	2,729	55,065	4,571	7.3	18,037
June	82,428	63,847	77.2	61,694	57,279	2,734	54,575	4,415	7.2	18,731
July	82,529	63,771	77.3	61,511	57,640	2,695	54,944	4,171	6.7	18,753
August	82,613	63,916	77.4	61,936	57,551	2,738	54,813	4,385	7.1	18,697
September	82,707	63,960	77.3	61,977	57,471	2,687	54,784	4,506	7.3	18,747
October	82,807	64,040	77.3	62,069	57,266	2,715	54,551	4,798	7.7	18,767
November	82,935	64,158	77.4	62,184	57,051	2,668	54,383	5,133	8.3	18,777
December	82,978	64,283	77.5	62,283	56,725	2,593	54,135	5,578	9.0	18,695
1982:										
January	83,054	63,941	77.3	61,956	56,629	2,593	53,931	5,338	8.6	19,113
February	83,129	64,025	77.3	62,342	56,858	2,593	53,965	5,384	8.7	19,134
FEMALES										
				Annual averages						
1972[1]	79,333	33,522	43.4	33,479	31,257	535	30,622	2,222	6.6	42,811
1973[1]	77,855	34,855	44.8	34,804	32,715	622	32,093	2,089	6.0	43,000
1974	79,379	36,278	45.7	35,211	33,769	595	33,171	2,441	6.7	43,101
1975	80,943	37,565	46.4	37,475	33,989	584	33,404	3,486	9.3	43,336
1976	82,496	39,089	47.4	38,983	35,615	589	35,027	3,369	8.6	43,406
1977	83,955	40,720	48.5	40,513	37,289	612	36,677	3,224	8.2	43,227
1978[1]	85,459	42,755	50.0	42,531	38,569	669	38,900	3,961	7.2	42,733
1979	86,983	44,375	51.0	44,235	41,217	561	40,656	3,018	6.8	42,635
1980	88,537	45,646	51.6	45,487	42,117	653	41,451	3,370	7.4	42,861
1981	90,796	46,873	52.2	46,596	43,330	657	42,331	3,696	7.9	42,922
				Monthly data, seasonally adjusted[2]						
1981:										
February	89,333	46,454	52.3	45,284	42,739	595	42,043	3,546	7.7	42,883
March	89,434	46,632	52.1	45,458	42,875	583	42,195	3,583	7.7	42,802
April	89,535	46,859	52.3	45,635	43,066	583	42,435	3,599	7.7	42,675
May	89,632	47,103	52.5	45,929	43,252	677	42,575	3,677	7.8	42,529
June	89,744	46,916	52.3	45,760	43,151	644	42,507	3,589	7.7	42,827
July	89,856	47,056	52.4	45,877	43,224	646	42,578	3,653	7.8	42,800
August	89,960	47,062	52.3	45,882	43,289	665	42,623	3,593	7.7	42,898
September	90,051	46,699	51.9	45,517	42,767	571	42,196	3,730	8.0	43,352
October	90,159	47,129	52.3	45,968	43,077	563	42,414	3,871	8.2	43,030
November	90,259	47,272	52.4	47,388	43,121	704	42,417	3,967	8.4	42,987
December	90,352	47,066	52.1	45,981	42,888	619	42,269	3,993	8.5	43,286
1982:										
January	90,441	47,097	52.1	45,813	42,352	713	42,239	3,960	8.4	43,341
February	90,523	47,308	52.3	47,123	42,932	683	42,251	4,191	8.9	43,223

[1] Not strictly comparable with prior years. For an explanation, see "Historic Comparability" under Household Data section of Explanatory Notes.

[2] Because seasonality, by definition, does not exist in population figures, data for "total noninstitutional population" are not seasonally adjusted.

NOTE: See note table A-1.

A-3. Employment status of the noninstitutional population by sex, age, and race

(Numbers in thousands)

Sex, age, and race	February 1982										
	Total labor force		Civilian labor force				Not in labor force				
	Number	Percent of population	Total	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
					Number	Percent of labor force					
MALES											
16 years and over	63,436	76.3	61,453	55,269	6,184	10.1	19,593	372	5,153	1,454	12,7
16 to 21 years	7,907	62.5	7,251	5,556	1,695	23.4	4,715	17	4,246	33	4
16 to 19 years	4,411	53.5	4,125	3,069	1,076	26.1	3,312	15	3,516	7	4
16 to 17 years	1,607	40.2	1,587	1,157	430	27.1	2,387	13	2,263	2	1
18 to 19 years	2,804	66.3	2,538	1,911	647	25.5	1,425	5	1,253	5	1
20 to 64 years	57,226	88.5	55,329	50,882	5,046	9.1	7,388	176	1,634	1,354	4,5
20 to 24 years	9,210	84.5	8,962	8,006	1,456	17.7	1,689	33	1,234	58	3
25 to 54 years	40,931	94.3	39,982	36,842	3,141	7.9	2,533	98	391	533	1,5
25 to 29 years	9,518	94.1	9,343	8,351	1,068	11.4	631	19	241	57	2
30 to 34 years	8,803	95.8	8,638	7,926	712	8.3	339	11	84	56	2
35 to 39 years	7,128	95.9	6,943	6,449	494	7.1	333	14	25	78	1
40 to 44 years	5,671	94.5	5,584	5,274	311	5.6	325	19	21	99	1
45 to 49 years	4,936	92.4	4,837	4,623	284	5.8	435	18	16	95	2
50 to 54 years	4,874	89.5	4,867	4,539	257	5.3	573	13	5	149	4
55 to 64 years	7,087	69.5	7,085	6,574	411	5.8	3,136	67	19	474	2,5
55 to 59 years	4,401	81.4	4,400	4,128	272	6.2	1,333	32	5	249	1
60 to 64 years	2,685	56.1	2,685	2,546	139	5.2	2,134	36	5	224	1,8
65 years and over	1,799	17.5	1,799	1,739	60	3.3	9,493	180	3	332	7,9
65 to 69 years	1,018	26.1	1,313	984	34	3.3	2,838	34	2	329	2,3
70 years and over	781	12.2	781	755	26	3.3	5,534	147	--	294	5,2
White											
16 years and over	55,864	77.1	54,339	49,432	4,933	9.1	16,535	298	4,385	1,183	11,6
16 to 21 years	6,842	64.9	6,498	4,998	1,344	21.2	3,736	9	3,402	29	2
16 to 19 years	3,872	56.4	3,647	2,770	878	23.8	2,388	5	2,259	3	1
16 to 17 years	1,472	44.3	1,455	1,088	369	25.3	1,376	4	1,291	2	
18 to 19 years	2,399	68.3	2,192	1,690	502	22.9	1,012	4	968	1	1
20 to 64 years	53,366	89.4	49,366	45,335	4,031	8.2	5,960	134	1,293	929	3,7
20 to 24 years	7,894	85.5	7,348	6,187	1,157	15.7	1,326	5	1,019	93	2
25 to 54 years	36,031	95.0	35,283	32,768	2,515	7.1	1,334	75	270	612	1,3
25 to 34 years	15,960	95.8	15,669	14,554	1,416	9.2	701	25	235	88	1
35 to 44 years	11,322	96.2	11,196	10,446	650	5.9	443	26	22	127	2
45 to 54 years	8,749	92.3	8,717	8,258	849	5.2	760	22	13	397	5
55 to 64 years	6,441	70.2	6,443	5,381	859	5.5	2,733	54	5	377	2,2
55 to 59 years	3,994	82.4	3,993	3,752	241	6.0	854	24	5	199	6
60 to 64 years	2,447	56.5	2,447	2,329	118	4.8	1,877	30	--	177	1,6
65 years and over	1,626	17.5	1,626	1,589	37	2.3	7,551	155	3	328	7,0
Black and other											
16 years and over	7,572	71.0	7,114	5,838	1,276	17.5	3,095	74	1,069	313	1,6
16 to 21 years	1,064	51.3	909	557	352	38.7	1,311	8	833	11	
16 to 19 years	539	39.5	477	271	206	43.2	924	8	727	4	
16 to 17 years	135	20.9	132	70	62	47.0	511	6	472	--	
18 to 19 years	404	56.3	345	201	145	41.8	413	2	255	4	
20 to 64 years	6,860	82.8	6,483	5,446	1,037	15.7	1,426	62	341	235	
20 to 24 years	1,315	78.3	1,113	779	333	33.4	353	5	215	19	
25 to 54 years	4,930	87.7	4,599	4,074	525	13.3	589	23	120	121	
25 to 34 years	2,362	89.1	2,282	1,933	379	17.1	288	4	89	36	
35 to 44 years	1,477	88.3	1,431	1,277	154	10.8	185	11	24	43	
45 to 54 years	1,061	83.2	1,056	964	92	8.7	216	9	7	40	
55 to 64 years	645	63.2	645	593	52	8.1	376	13	6	97	
55 to 59 years	407	73.2	407	376	31	7.7	149	5	2	53	
60 to 64 years	238	51.2	238	217	21	8.9	227	9	4	47	
65 years and over	173	17.1	173	151	23	13.1	942	29	--	74	

A-3. Employment status of the noninstitutional population by sex, age, and race—Continued

(Numbers in thousands)

Sex, age, and race	February 1982										
	Total labor force		Civilian labor force				Not in labor force				
	Number	Percent of population	Total	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
					Number	Percent of labor force					
FEMALES											
16 years and over	47,056	54.3	45,871	42,677	4,194	9.9	43,472	31,398	4,963	1,328	5,583
16 to 21 years	6,533	53.3	6,483	5,227	1,236	19.1	5,793	1,303	4,123	15	351
16 to 19 years	3,760	47.3	3,731	2,889	842	22.6	4,245	594	3,389	4	259
16 to 17 years	1,409	36.4	1,407	1,088	319	22.7	2,467	133	2,234	--	133
18 to 19 years	2,351	56.9	2,324	1,800	524	22.5	1,778	463	1,154	4	156
20 to 64 years	42,104	62.4	42,005	38,686	3,320	7.9	25,871	21,173	1,573	377	2,255
20 to 24 years	7,383	68.3	7,294	6,376	919	12.6	3,424	2,087	1,063	26	252
25 to 54 years	29,982	66.4	29,915	27,756	2,159	7.2	15,190	13,382	492	282	1,064
25 to 29 years	7,040	68.7	6,993	6,465	533	8.3	3,213	2,760	214	28	212
30 to 34 years	6,309	67.1	6,293	5,837	456	7.2	3,093	2,783	122	26	155
35 to 39 years	5,200	67.7	5,196	4,827	369	7.1	2,477	2,219	76	29	153
40 to 44 years	4,341	69.3	4,343	4,054	286	6.6	1,923	1,719	37	32	135
45 to 49 years	3,653	64.5	3,653	3,443	213	5.7	2,336	1,742	23	51	193
50 to 54 years	3,439	58.2	3,438	3,241	198	5.7	2,470	2,162	19	91	298
55 to 64 years	4,797	41.1	4,797	4,544	253	5.3	6,867	5,702	17	239	908
55 to 59 years	2,956	48.7	2,955	2,804	152	5.1	3,116	2,663	12	93	353
60 to 64 years	1,841	32.9	1,841	1,740	101	5.5	3,749	3,039	5	119	586
65 years and over	1,134	7.5	1,134	1,132	32	2.8	13,756	13,135	5	547	3,069
65 to 69 years	694	14.2	694	672	22	3.1	4,196	3,255	5	119	817
70 years and over	440	4.4	440	430	10	2.3	9,560	6,879	--	429	2,252
White											
16 years and over	40,408	53.9	40,276	37,308	3,186	7.9	37,681	28,248	3,867	937	4,729
16 to 21 years	5,709	55.9	5,661	4,698	963	17.0	4,531	1,330	3,229	8	234
16 to 19 years	3,313	50.2	3,293	2,630	663	20.1	3,298	679	2,643	4	155
16 to 17 years	1,271	39.9	1,273	995	275	21.6	1,920	111	1,735	--	74
18 to 19 years	2,042	59.9	2,023	1,634	388	14.2	1,358	368	905	4	81
20 to 64 years	34,078	62.2	33,967	33,473	2,493	6.9	21,336	19,482	1,222	379	1,814
20 to 24 years	6,371	70.2	6,309	5,640	669	10.6	2,959	1,835	823	17	195
25 to 54 years	25,404	66.1	25,435	23,827	1,608	5.3	13,991	11,580	384	345	832
25 to 34 years	11,235	67.7	11,191	10,433	758	7.3	5,349	4,768	253	46	282
35 to 44 years	8,092	67.7	8,088	7,597	491	6.1	3,853	3,486	91	56	229
45 to 54 years	6,157	61.3	6,155	5,826	330	5.4	3,379	3,326	39	93	321
55 to 64 years	4,223	40.7	4,223	4,007	216	5.1	6,147	5,168	15	157	737
55 to 59 years	2,585	48.2	2,584	2,454	131	5.1	2,779	2,396	12	73	298
60 to 64 years	1,638	32.7	1,638	1,553	85	5.2	3,368	2,771	3	84	510
65 years and over	1,017	7.5	1,017	988	30	2.9	12,457	9,267	5	455	2,729
Black and other											
16 years and over	6,648	53.3	6,595	5,586	1,008	15.3	5,831	3,570	1,096	193	875
16 to 21 years	824	38.9	822	529	293	34.0	1,291	273	893	8	117
16 to 19 years	447	31.1	438	269	174	43.9	957	115	749	--	94
16 to 17 years	137	20.1	137	93	44	32.0	547	19	499	--	29
18 to 19 years	309	43.3	301	176	135	44.9	411	96	249	--	55
20 to 64 years	6,085	63.3	6,343	5,212	827	13.7	3,575	2,589	347	98	441
20 to 24 years	1,012	58.9	986	736	249	25.3	766	452	237	9	69
25 to 54 years	4,498	68.8	4,493	3,940	541	12.1	2,333	1,703	108	47	232
25 to 34 years	2,113	68.9	2,096	1,799	298	14.2	954	772	83	9	95
35 to 44 years	1,449	72.9	1,449	1,284	165	11.4	538	452	22	4	59
45 to 54 years	935	61.9	933	857	78	8.3	597	479	3	33	77
55 to 64 years	575	44.4	575	537	37	6.5	719	534	2	42	141
55 to 59 years	371	52.3	371	350	21	5.7	338	266	--	16	55
60 to 64 years	203	34.8	203	187	16	8.0	381	267	2	25	86
65 years and over	116	8.2	115	115	2	1.5	1,239	857	--	92	343

HOUSEHOLD DATA

A-4. Labor force by sex, age, and race

Sex, age, and race	Total labor force				Civilian labor force			
	Thousands of persons		Participation rates		Thousands of persons		Participation rates	
	Feb. 1981	Feb. 1982	Feb. 1981	Feb. 1982	Feb. 1981	Feb. 1982	Feb. 1981	Feb. 198
MALES								
16 years and over	62,960	63,436	75.7	75.3	61,013	61,453	76.2	75
16 to 19 years	4,755	4,411	56.2	53.6	4,452	4,125	54.7	52
16 to 17 years	1,796	1,537	43.2	40.2	1,775	1,587	43.0	39
18 to 19 years	2,959	2,804	68.8	66.3	2,587	2,538	65.7	64
20 to 24 years	9,167	9,213	84.7	84.5	8,435	8,462	83.6	83
25 to 54 years	39,981	40,931	93.9	94.0	39,057	39,982	93.8	93
25 to 34 years	17,859	18,321	94.7	94.9	17,239	17,681	94.5	94
35 to 44 years	12,233	12,739	95.2	95.3	11,965	12,527	95.1	95
45 to 54 years	9,889	9,813	91.3	91.3	9,853	9,774	91.0	90
55 to 64 years	7,223	7,087	71.3	69.5	7,222	7,085	71.3	69
55 to 59 years	4,425	4,431	81.5	81.4	4,424	4,403	81.5	81
60 to 64 years	2,798	2,685	59.6	56.1	2,798	2,685	59.6	56
65 years and over	1,833	1,799	18.2	17.5	1,833	1,799	18.2	17
White								
16 years and over	55,573	55,864	77.5	77.1	54,059	54,339	77.1	76
16 to 19 years	4,190	3,872	54.5	50.4	3,967	3,647	53.2	55
16 to 17 years	1,628	1,472	47.2	44.0	1,611	1,455	46.9	43
18 to 19 years	2,562	2,399	71.3	68.3	2,356	2,192	69.6	55
20 to 24 years	7,904	7,394	86.3	85.6	7,362	7,344	85.4	84
25 to 54 years	35,228	36,031	94.8	95.0	34,489	35,283	94.7	94
25 to 34 years	15,602	15,960	95.6	95.8	15,117	15,469	95.5	95
35 to 44 years	10,780	11,322	96.1	96.2	10,537	11,096	95.0	96
45 to 54 years	8,846	8,749	92.3	92.0	8,815	8,717	92.0	92
55 to 64 years	6,596	6,441	72.3	70.2	6,595	6,440	72.3	70
55 to 59 years	4,035	3,994	82.7	82.4	4,034	3,993	82.6	82
60 to 64 years	2,561	2,447	60.4	56.6	2,561	2,447	60.4	56
65 years and over	1,655	1,626	18.1	17.5	1,655	1,626	18.1	17
Black and other								
16 years and over	7,387	7,572	70.6	71.0	6,942	7,114	69.2	69
16 to 19 years	565	539	40.3	39.5	495	477	36.9	35
16 to 17 years	168	135	23.9	20.9	164	132	23.5	20
18 to 19 years	397	404	56.0	56.3	331	346	51.5	52
20 to 24 years	1,263	1,315	76.3	78.3	1,173	1,119	72.9	75
25 to 54 years	4,753	4,933	87.5	87.7	4,568	4,699	87.2	87
25 to 34 years	2,257	2,352	88.8	89.1	2,122	2,212	88.2	88
35 to 44 years	1,453	1,477	88.2	88.9	1,439	1,431	88.9	88
45 to 54 years	1,043	1,051	83.3	83.2	1,039	1,056	83.2	83
55 to 64 years	627	645	62.7	63.2	627	645	62.7	63
55 to 59 years	390	407	71.1	73.2	390	407	71.1	73
60 to 64 years	237	238	52.5	51.2	237	238	52.5	51
65 years and over	179	173	18.3	17.1	179	173	18.3	17

A-4. Labor force by sex, age, and race—Continued

Sex, age, and race	Total labor force				Civilian labor force			
	Thousands of persons		Participation rates		Thousands of persons		Participation rates	
	Feb. 1981	Feb. 1982	Feb. 1981	Feb. 1982	Feb. 1981	Feb. 1982	Feb. 1981	Feb. 1982
FEMALES								
16 years and over	46,176	47,055	51.7	52.0	45,335	46,871	51.6	51.9
16 to 19 years	3,962	3,750	48.1	47.0	3,932	3,731	47.9	46.8
16 to 17 years	1,542	1,403	38.3	35.4	1,581	1,407	38.2	35.3
18 to 19 years	2,420	2,351	57.6	56.9	2,391	2,324	57.3	56.5
20 to 24 years	7,371	7,333	68.5	68.3	7,289	7,294	68.3	68.1
25 to 54 years	28,895	29,982	65.3	65.8	28,837	29,915	65.3	65.3
25 to 34 years	12,758	13,349	66.4	67.9	12,734	13,288	66.3	67.8
35 to 44 years	8,912	9,542	66.7	68.4	8,907	9,535	66.7	68.3
45 to 54 years	7,225	7,092	61.9	61.3	7,224	7,091	61.9	61.3
55 to 64 years	4,794	4,797	41.4	41.1	4,794	4,797	41.4	41.1
55 to 59 years	2,990	2,956	49.0	48.7	2,990	2,956	49.0	48.7
60 to 64 years	1,804	1,841	33.0	32.9	1,804	1,841	33.0	32.9
65 years and over	1,154	1,134	7.9	7.6	1,154	1,134	7.9	7.6
White								
16 years and over	39,755	40,438	51.5	51.8	39,631	40,276	51.4	51.7
16 to 19 years	3,556	3,313	51.9	50.2	3,535	3,293	51.7	50.0
16 to 17 years	1,411	1,271	42.1	39.8	1,410	1,270	42.1	39.8
18 to 19 years	2,144	2,042	61.3	59.9	2,125	2,023	61.1	59.7
20 to 24 years	6,353	6,371	70.6	70.6	6,294	6,309	70.4	70.4
25 to 54 years	24,591	25,434	65.0	66.1	24,547	25,436	65.0	66.0
25 to 34 years	10,750	11,235	66.1	67.7	10,711	11,191	66.0	67.7
35 to 44 years	7,574	8,092	66.4	67.7	7,570	8,088	66.3	67.7
45 to 54 years	6,267	6,157	61.8	61.3	6,256	6,155	61.8	61.3
55 to 64 years	4,231	4,223	41.0	40.7	4,231	4,223	41.0	40.7
55 to 59 years	2,642	2,585	48.8	48.2	2,642	2,584	48.8	48.2
60 to 64 years	1,589	1,638	32.5	32.7	1,589	1,638	32.5	32.7
65 years and over	1,025	1,017	7.8	7.6	1,025	1,017	7.8	7.6
Black and other								
16 years and over	6,421	6,616	52.8	53.3	6,374	6,595	52.6	53.1
16 to 19 years	407	447	29.5	31.8	397	438	29.0	31.4
16 to 17 years	131	137	19.4	20.1	131	137	19.3	20.0
18 to 19 years	275	309	39.3	43.0	267	301	38.5	42.3
20 to 24 years	1,018	1,012	57.7	56.9	995	986	57.2	56.3
25 to 54 years	4,304	4,498	67.1	68.3	4,293	4,483	67.1	68.2
25 to 34 years	2,007	2,113	68.1	68.9	1,993	2,095	68.0	68.7
35 to 44 years	1,339	1,449	69.1	72.3	1,338	1,448	69.0	72.3
45 to 54 years	959	935	62.7	61.0	958	935	62.7	61.0
55 to 64 years	563	575	44.9	44.4	563	575	44.9	44.4
55 to 59 years	348	371	51.1	52.3	348	371	51.1	52.3
60 to 64 years	215	203	37.5	34.8	215	203	37.5	34.8
65 years and over	129	116	9.5	8.2	129	116	9.5	8.2

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A-5 Employment status of black workers by sex and age

(Numbers in thousands)

Sex and age	February 1982						
	Civilian labor force						Not in labor force
	Total	Employed			Unemployed		
		Total	Agriculture	Nonagricultural industries	Number	Percent of labor force	
TOTAL							
16 years and over	11,060	9,260	235	8,853	1,977	17.9	7,413
16 to 19 years	739	409	5	404	331	44.7	1,522
16 to 17 years	217	122	1	121	95	43.9	916
18 to 19 years	522	287	4	282	235	45.1	606
20 to 24 years	1,749	1,212	19	1,193	537	30.7	932
25 to 54 years	7,299	6,291	184	6,157	1,008	13.8	2,184
25 to 34 years	3,445	2,943	54	2,783	503	12.5	992
35 to 44 years	2,269	2,013	42	1,973	254	11.4	568
45 to 54 years	1,587	1,441	43	1,421	146	9.2	675
55 to 64 years	999	924	26	895	75	7.5	927
55 to 59 years	637	593	24	569	44	6.9	402
60 to 64 years	363	331	3	327	31	8.6	525
65 years and over	249	225	10	207	25	10.0	1,948
Males							
16 years and over	5,072	4,553	199	4,358	1,117	19.7	2,549
16 to 19 years	398	213	3	208	192	48.2	704
16 to 17 years	112	58	1	57	58	51.8	451
18 to 19 years	282	160	4	154	123	43.5	253
20 to 24 years	935	623	14	609	314	33.6	279
25 to 54 years	3,676	3,325	127	3,198	353	9.6	544
25 to 34 years	1,741	1,595	49	1,546	346	19.9	218
35 to 44 years	1,110	967	43	947	123	11.1	153
45 to 54 years	825	743	34	705	82	9.9	176
55 to 64 years	519	473	29	443	46	8.9	327
55 to 59 years	330	301	24	277	29	8.8	129
60 to 64 years	190	172	5	166	17	8.9	198
65 years and over	147	123	17	106	23	15.6	695
Females							
16 years and over	5,384	4,504	37	4,497	859	15.9	4,864
16 to 19 years	345	196	--	196	149	43.2	818
16 to 17 years	105	64	--	64	37	34.8	465
18 to 19 years	239	127	--	126	112	46.8	353
20 to 24 years	814	592	--	592	223	27.3	653
25 to 54 years	3,623	2,966	57	2,959	658	12.6	1,640
25 to 34 years	1,702	1,448	5	1,443	257	15.1	774
35 to 44 years	1,159	1,046	--	1,026	136	11.8	416
45 to 54 years	762	698	2	696	64	8.4	497
55 to 64 years	480	451	--	451	28	6.0	600
55 to 59 years	307	292	--	292	15	4.9	273
60 to 64 years	173	159	--	159	14	8.1	327
65 years and over	102	103	1	99	2	1.9	1,153

A-6 Employment status of the noninstitutional population by race, sex, and age

(Numbers in thousands)

Employment status and race	Total		Males, 20 years and over		Females, 20 years and over		Both sexes, 16-19 years	
	Feb. 1981	Feb. 1982	Feb. 1981	Feb. 1982	Feb. 1981	Feb. 1982	Feb. 1981	Feb. 1982
TOTAL								
Total noninstitutional population	171,433	173,057	73,637	74,935	81,122	82,523	16,686	16,228
Total labor force	109,186	110,494	58,205	59,325	42,214	43,296	8,767	8,171
Percent of population	63.7	63.8	79.1	79.2	52.0	52.5	52.2	50.4
Civilian labor force	107,315	108,324	56,948	57,929	42,273	43,143	8,094	7,856
Employed	99,431	97,946	52,505	52,221	39,243	38,788	6,647	5,917
Agriculture	2,521	2,853	2,136	2,194	457	476	218	235
Nonagricultural industries	96,910	95,093	50,369	50,032	38,792	38,312	6,428	5,724
Unemployed	7,884	10,378	4,443	5,708	2,825	3,852	1,747	1,938
Percent of labor force	7.3	9.6	7.1	9.8	6.7	7.9	20.8	24.4
Not in labor force	62,254	63,165	15,433	15,591	38,933	39,227	7,959	8,057
White								
Total noninstitutional population	144,781	146,582	64,548	65,638	73,315	74,448	13,896	13,460
Total labor force	93,328	95,272	51,384	51,992	35,233	37,295	7,746	7,185
Percent of population	64.1	64.9	79.6	79.6	51.5	50.9	55.7	53.4
Civilian labor force	91,599	94,615	50,131	50,972	35,097	36,984	7,502	6,943
Employed	84,902	83,492	45,882	45,624	33,955	34,461	6,384	5,437
Agriculture	2,368	2,583	1,927	1,927	442	454	199	232
Nonagricultural industries	82,534	80,909	43,955	43,697	33,513	34,007	5,486	5,205
Unemployed	6,697	9,124	4,249	6,349	2,111	2,523	1,118	1,506
Percent of labor force	7.3	9.6	8.3	9.2	6.0	6.8	14.9	21.7
Not in labor force	51,453	50,967	13,164	13,646	38,082	37,153	6,150	6,275
Black and other								
Total noninstitutional population	26,652	26,475	9,089	9,297	7,807	8,075	2,790	2,768
Total labor force	15,858	15,222	6,823	7,333	6,981	6,001	971	886
Percent of population	59.5	57.5	75.1	78.9	89.4	74.3	34.8	32.0
Civilian labor force	15,716	15,710	6,817	6,938	6,777	6,159	892	913
Employed	14,529	14,454	6,623	6,597	6,453	6,327	582	583
Agriculture	154	270	209	241	25	22	20	7
Nonagricultural industries	14,375	14,184	6,414	6,355	6,428	6,305	562	576
Unemployed	1,187	1,254	774	1,241	324	829	310	306
Percent of labor force	13.5	16.4	12.0	19.7	11.9	14.5	37.0	42.1
Not in labor force	6,932	6,966	2,267	2,273	4,775	4,974	1,918	1,792

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A-7. Employment status of the noninstitutional population 16 to 21 years of age by major activity, sex, and race

(Numbers in thousands)

Employment status and major activity	February 1982								
	Total			White			Black and other		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
TOTAL									
Total noninstitutional population	24,947	12,622	12,326	20,759	10,547	10,211	4,190	2,075	2,11
Total labor force	14,438	7,937	6,501	12,552	6,842	5,709	1,888	1,094	79
Percent of population	57.9	62.9	51.8	60.5	64.9	55.9	45.1	51.3	38.
Civilian labor force	13,784	7,251	6,533	12,033	6,342	5,691	1,711	909	80
Employed	10,788	5,555	5,227	9,595	4,998	4,698	1,086	557	52
Agriculture	339	295	44	317	273	44	22	22	-
Nonagricultural industries	10,444	5,260	5,183	9,279	4,725	4,554	1,065	535	53
Unemployed	2,997	1,695	1,302	2,337	1,344	993	625	352	27
Looking for full-time work	1,959	1,155	804	1,467	897	569	422	256	16
Looking for part-time work	1,038	541	532	870	447	423	203	96	11
Percent of labor force	21.4	23.4	19.1	19.2	21.2	17.3	36.5	38.7	34.
Not in labor force	10,534	4,715	5,793	8,206	3,704	4,501	2,302	1,011	1,29
Major activity: going to school									
Civilian labor force	4,687	2,231	2,236	3,973	2,019	1,953	465	212	25
Employed	3,429	1,661	1,768	3,134	1,559	1,594	265	111	15
Agriculture	114	103	11	105	103	11	--	--	-
Nonagricultural industries	3,314	1,578	1,737	3,049	1,456	1,583	265	112	15
Unemployed	1,259	551	658	839	460	354	230	100	13
Looking for full-time work	325	93	45	79	44	32	29	17	1
Looking for part-time work	934	458	413	759	407	327	170	84	8
Percent of labor force	22.7	24.7	20.9	20.4	22.3	18.4	43.0	47.4	39.
Not in labor force	8,459	4,249	4,123	6,932	3,832	3,229	1,737	961	89
Major activity: other									
Civilian labor force	9,677	5,223	4,257	8,333	4,325	3,707	1,246	697	54
Employed	7,359	3,895	3,479	6,583	3,439	3,133	821	446	37
Agriculture	225	192	32	213	173	33	22	22	-
Nonagricultural industries	7,129	3,833	3,447	6,383	3,259	3,071	800	424	37
Unemployed	1,926	1,345	776	1,437	893	634	425	451	17
Looking for full-time work	1,234	1,095	659	1,351	859	508	393	241	15
Looking for part-time work	104	33	119	107	43	96	32	10	2
Percent of labor force	23.7	22.9	18.3	19.1	23.7	16.3	34.1	36.1	31.
Not in labor force	2,142	673	1,079	1,574	332	1,272	566	159	39

A-8. Full- and part-time status of the civilian labor force by sex, age, and race

(Numbers in thousands)

Sex, age, and race	February 1982								
	Full-time labor force					Part time labor force			
	Total	Employed		Unemployed (looking for full time work)		Total	Employed on voluntary part time[1]	Unemployed (looking for part time work)	
		Full time schedules[1]	Part time for economic reasons	Number	Percent of full time labor force			Number	Percent of part time labor force
TOTAL									
Both sexes, 16 years and over	91,901	77,836	5,540	3,557	3.8	15,923	14,502	1,421	11.1
16 to 21 years	8,024	5,204	961	1,859	23.2	5,691	4,518	1,173	18.8
16 to 19 years	3,493	1,943	553	997	29.5	4,363	3,442	921	21.1
16 to 17 years	522	233	99	193	37.0	2,472	1,917	555	22.5
18 to 19 years	2,970	1,711	454	804	27.1	1,892	1,525	367	19.4
20 years and over	88,408	75,861	4,587	7,558	9.5	12,063	11,160	903	7.5
20 to 24 years	13,283	10,136	1,332	2,145	15.2	2,493	2,220	273	10.9
25 years and over	75,125	65,725	3,385	5,415	7.2	9,587	8,957	630	6.6
25 to 54 years	63,247	55,093	3,341	4,812	7.6	8,653	8,179	477	7.2
55 years and over	11,878	10,632	644	632	5.1	2,937	2,783	153	5.2
Males, 16 years and over	56,148	48,083	2,838	5,226	9.7	5,835	5,548	358	16.3
16 to 21 years	4,525	2,921	449	1,155	25.5	2,726	2,186	541	19.8
16 to 19 years	1,957	1,085	267	604	33.9	2,169	1,696	472	21.8
20 years and over	54,191	45,993	2,371	4,822	9.8	3,137	2,951	186	5.1
20 to 24 years	7,454	5,585	503	1,366	18.6	1,328	1,202	127	9.1
25 years and over	46,738	41,413	1,869	3,456	7.8	4,128	1,973	155	7.3
25 to 54 years	39,048	34,458	1,538	3,050	7.9	938	846	93	9.6
55 years and over	7,692	6,955	331	406	5.6	1,192	1,127	65	5.5
Females, 16 years and over	35,753	29,721	2,702	3,330	9.9	11,118	10,354	1,064	9.6
16 to 21 years	3,499	2,283	512	704	23.1	2,964	2,432	532	17.9
16 to 19 years	1,536	857	286	393	45.9	2,195	1,745	450	20.5
20 years and over	34,217	23,884	2,216	2,739	9.3	8,923	8,339	614	6.9
20 to 24 years	5,830	4,550	830	780	13.9	1,165	1,326	139	9.5
25 years and over	28,387	24,313	2,116	1,958	6.9	7,458	6,983	475	6.4
25 to 54 years	24,201	20,635	1,804	1,762	7.3	5,713	5,326	387	6.8
55 years and over	4,186	3,678	312	195	4.7	1,745	1,657	88	5.0
White									
Males, 16 years and over	49,575	43,005	2,246	4,327	8.7	4,754	4,153	510	12.8
16 to 21 years	3,872	2,631	374	867	28.2	2,431	2,324	967	18.1
16 to 19 years	1,882	984	259	639	29.4	1,955	1,574	392	19.9
20 years and over	47,894	42,016	2,026	3,649	8.3	2,744	2,560	219	7.8
20 to 24 years	6,994	6,057	451	1,086	15.4	933	799	131	11.2
25 years and over	41,453	37,062	1,596	2,794	6.7	1,868	1,760	118	6.8
25 to 54 years	34,470	30,724	1,330	2,443	7.1	811	737	75	4.2
55 years and over	6,980	6,338	290	351	5.1	1,386	1,342	41	4.0
Females, 16 years and over	30,222	25,491	2,424	2,806	7.6	13,054	9,176	878	8.7
16 to 21 years	3,042	2,062	440	540	17.7	2,618	2,195	423	16.2
16 to 19 years	1,354	793	251	310	22.9	1,939	1,585	353	18.2
20 years and over	28,869	24,697	2,173	1,998	6.9	8,115	7,541	574	6.5
20 to 24 years	5,004	4,023	420	558	11.2	1,335	1,194	141	9.5
25 years and over	23,865	20,672	1,754	1,441	6.3	6,811	6,347	434	6.1
25 to 54 years	20,182	17,404	1,526	1,273	6.3	5,254	4,918	335	6.4
55 years and over	3,683	3,268	248	168	4.5	1,557	1,479	78	5.3
Black and other									
Males, 16 years and over	6,573	5,081	593	1,099	16.7	581	399	182	27.2
16 to 21 years	653	320	76	258	39.5	255	162	94	36.7
16 to 19 years	275	101	48	126	45.3	232	122	80	34.5
20 years and over	6,297	4,980	345	973	15.4	333	272	62	18.8
20 to 24 years	1,010	624	72	338	33.7	106	78	28	27.8
25 years and over	5,288	4,351	273	663	12.5	281	193	86	30.6
25 to 54 years	4,575	3,734	231	610	13.9	124	109	15	12.1
55 years and over	712	617	42	53	7.4	157	84	72	45.9
Females, 16 years and over	5,530	4,230	478	822	19.4	1,264	878	385	30.5
16 to 21 years	456	221	71	164	36.3	346	237	109	31.5
16 to 19 years	182	84	35	63	45.6	255	160	95	37.5
20 years and over	5,348	4,166	443	739	18.9	925	718	93	13.1
20 to 24 years	825	524	80	221	29.9	153	132	29	17.5
25 years and over	4,522	3,643	363	518	11.5	649	586	61	9.4
25 to 54 years	4,020	3,232	299	499	12.2	483	438	53	11.1
55 years and over	503	413	64	29	5.8	189	177	13	5.3

[1] Employed persons with a job but not at work are distributed proportionately among the full- and part-time employed categories.

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A-9. Employment status of the noninstitutional population by family relationship

[Numbers in thousands]

Family relationship	February 1982									
	Civilian labor force					Not in labor force				
	Total	Percent of population	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	
				Number	Percent of labor force					
Total, 16 years and over	108,324	63.2	97,946	10,378	9.6	63,165	32,271	10,116	2,482	18,
Husbands	59,381	79.8	56,952	2,429	4.2	9,954	119	202	847	8,
With employed wife	51,606	81.6	49,800	1,807	3.5	1,926	41	107	256	1,
With unemployed wife	3,403	81.9	3,116	287	17.9	141	1	9	33	
With wife not in labor force	4,373	67.3	4,058	315	7.2	7,886	69	86	560	7,
Wives	55,775	51.2	51,533	4,242	7.6	54,059	31,987	366	293	2,
With employed husband	51,606	58.7	49,800	1,806	3.5	15,758	14,042	110	85	
With unemployed husband	3,534	67.3	3,257	287	19.0	915	855	22	6	
With husband not in labor force	7,068	70.9	6,976	141	6.9	7,886	6,490	34	192	1,
Relatives in married couple families	13,997	58.9	13,612	2,385	18.3	9,079	938	6,509	251	1,
16 to 19 years	5,743	49.8	5,156	1,317	21.3	5,502	148	5,066	5	
20 to 24 years	4,993	73.2	4,551	842	16.9	1,830	176	1,369	43	
25 years and over	3,762	61.3	3,335	426	11.4	1,747	614	94	203	
Females who maintain families	5,779	60.5	5,163	615	10.6	3,820	2,971	160	138	
Relatives in families maintained by females	4,617	56.9	3,434	1,184	25.6	3,796	808	1,813	254	
16 to 19 years	1,301	43.5	839	462	35.5	1,687	98	1,439	5	
20 to 24 years	1,508	69.1	1,089	419	27.8	669	131	338	28	
25 years and over	1,808	55.7	1,506	303	16.8	1,440	579	37	221	
Males who maintain families	1,805	77.3	1,593	213	11.8	531	29	42	54	
Relatives in families maintained by males	1,375	57.4	1,098	277	20.2	1,019	434	275	57	
16 to 19 years	289	33.3	198	91	31.5	233	20	193	3	
20 to 24 years	367	72.5	271	96	26.1	139	19	77	1	
25 years and over	719	52.7	629	90	12.5	647	375	4	54	
Persons living alone	10,445	33.3	9,684	761	7.3	9,139	4,993	358	643	1,
Males	5,514	71.7	5,209	305	5.5	2,281	757	197	334	1,
Females	4,931	51.7	4,474	456	9.2	6,858	4,053	161	309	1,
All others[1]	6,411	70.	6,109	301	4.7	1,744	709	63	114	

[1] The majority of these persons are living with nonrelatives. Also included are persons in married couple families where the husband is in the Armed Forces, persons in secondary families, and some whose family status is unknown.

A-10. Unemployed persons by marital status, race, age, and sex

Marital status, race, and age	Males				Females			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	Feb. 1981	Feb. 1982	Feb. 1981	Feb. 1982	Feb. 1981	Feb. 1982	Feb. 1981	Feb. 1982
Total, 16 years and over	5,373	6,184	6.1	10.1	3,582	4,193	7.7	8.
Married, spouse present	2,033	2,584	3.3	5.4	1,523	1,837	6.0	7.
Widowed, divorced, or separated	552	686	10.5	12.3	703	823	7.9	8.
Single (never married)	2,984	2,914	15.1	13.9	1,318	1,534	11.4	13.
White, 16 years and over	4,133	4,938	7.5	9.1	2,697	3,186	6.8	7.
Married, spouse present	1,751	2,193	4.9	6.3	1,294	1,557	5.7	6.
Widowed, divorced, or separated	434	528	10.1	11.6	691	593	6.9	7.
Single (never married)	1,915	2,221	14.7	15.8	912	1,038	9.4	10.
Black and other, 16 years and over	974	1,246	14.3	17.5	885	1,008	13.3	15.
Married, spouse present	435	392	7.5	13.3	226	279	8.3	10.
Widowed, divorced, or separated	118	162	12.1	15.6	292	233	11.9	12.
Single (never married)	569	692	25.3	29.6	437	496	21.7	24.
Total, 20 to 64 years of age	3,976	5,048	7.3	9.1	2,790	3,320	6.8	7.
Married, spouse present	1,956	2,524	3.1	5.5	1,423	1,735	5.9	7.
Widowed, divorced, or separated	537	659	10.7	12.4	657	775	7.9	9.
Single (never married)	1,473	1,867	13.5	15.2	710	810	8.1	9.
White, 20 to 64 years of age	3,212	4,333	5.5	8.2	2,372	2,893	5.9	6.
Married, spouse present	1,592	2,143	4.3	5.1	1,211	1,463	5.5	6.
Widowed, divorced, or separated	421	507	10.6	11.6	452	566	6.8	7.
Single (never married)	1,099	1,361	12.3	14.3	408	484	5.9	7.
Black and other, 20 to 64 years of age	763	1,017	12.2	15.7	707	847	12.1	13.
Married, spouse present	273	379	7.5	13.3	211	271	8.3	9.
Widowed, divorced, or separated	116	152	12.5	15.7	206	229	12.0	13.
Single (never married)	374	485	21.4	25.2	230	326	12.5	20.

A-11. Unemployed persons by occupation and sex

Occupation	Thousands of persons		Unemployment rates					
			Total		Males		Females	
	Feb. 1981	Feb. 1982	Feb. 1981	Feb. 1982	Feb. 1981	Feb. 1982	Feb. 1981	Feb. 1982
Total, 16 years and over	9,514	13,378	8.0	9.5	8.3	10.1	7.7	8.9
White collar workers	2,378	2,557	3.3	4.6	2.8	3.6	4.7	5.4
Professional and technical	339	478	2.3	2.7	2.1	2.6	2.6	2.9
Managers and administrators, except farm	337	379	2.3	3.3	2.1	3.0	3.9	4.1
Sales workers	320	383	4.3	5.5	3.8	4.4	6.1	7.1
Clerical workers	1,381	1,317	5.4	5.7	4.9	6.7	5.6	6.7
Blue collar workers	4,442	5,137	12.3	15.3	11.9	14.6	14.1	16.6
Craft and kindred workers	1,241	1,520	9.3	11.2	9.7	11.4	7.5	8.6
Carpenters and other construction craft workers	535	857	15.1	23.8	15.9	20.8	(1)	24.1
All other	626	663	6.5	7.3	6.7	7.0	5.9	7.1
Operatives, except transport	1,630	2,021	13.5	17.2	12.8	16.4	15.3	18.3
Transport equipment operatives	333	475	10.8	12.2	11.7	12.3	5.8	11.3
Nonfarm laborers	513	1,120	18.7	22.2	19.3	22.6	17.7	18.9
Construction laborers	299	351	29.5	36.7	29.3	38.6	(1)	(1)
All other	514	769	15.3	18.5	15.7	18.6	16.7	18.5
Service workers	1,239	1,494	9.3	10.3	8.9	10.8	8.5	9.5
Private household	48	65	4.2	5.0	(1)	(1)	4.2	6.2
All other	1,241	1,428	9.1	10.3	9.9	10.8	9.2	9.9
Farm workers	159	174	6.9	6.9	5.8	6.0	12.1	11.8
No previous work experience	957	1,017	--	--	--	--	--	--
16 to 19 years	635	717	--	--	--	--	--	--
20 to 24 years	157	206	--	--	--	--	--	--
25 years and over	65	93	--	--	--	--	--	--

[1] Percent not shown where base is less than 75,000.

A-12. Unemployed persons by industry and sex

Industry	Percent distribution		Unemployment rates					
			Total		Males		Females	
	Feb. 1981	Feb. 1982	Feb. 1981	Feb. 1982	Feb. 1981	Feb. 1982	Feb. 1981	Feb. 1982
Total, 16 years and over	100.0	100.0	8.0	9.5	8.3	10.1	7.7	8.9
Nonagricultural private wage and salary workers	78.2	78.1	8.2	10.1	9.0	10.9	9.0	9.1
Mining	1.0	1.1	7.3	10.0	8.1	11.2	2.9	3.1
Construction	11.7	12.6	20.1	25.8	23.8	26.9	10.8	14.1
Manufacturing	25.0	24.9	9.2	11.8	9.2	13.8	11.4	13.5
Durable goods	15.0	15.8	9.8	12.0	8.7	11.9	11.3	13.8
Lumber and wood products	1.1	1.3	14.2	21.1	15.0	20.1	8.9	27.3
Furniture and fixtures	.8	.7	11.5	14.1	9.2	13.4	17.1	15.8
Stone, clay, and glass products	1.1	.9	14.0	13.9	13.8	13.5	14.7	15.6
Primary metal industries	1.3	1.6	7.0	13.5	7.3	14.2	7.4	8.3
Fabricated metal products	2.3	2.1	10.5	13.2	10.7	11.9	11.3	16.9
Machinery, except electrical equipment	2.1	2.3	5.3	8.2	5.4	7.8	9.2	9.9
Electrical equipment	1.9	2.1	6.1	8.3	3.9	7.1	9.5	11.3
Transportation equipment	4.7	3.4	14.2	15.5	14.5	15.2	13.2	16.7
Automobiles	2.3	2.6	20.2	21.8	19.6	20.7	21.3	26.7
Other transportation equipment	.9	.9	7.3	9.0	9.1	9.3	4.5	7.5
Instruments and related products	.8	.6	6.4	13.3	3.2	6.9	10.7	19.3
Other durable goods industries	.9	1.0	9.7	13.2	8.5	8.6	14.6	20.1
Nondurable goods	10.3	9.1	9.2	10.4	7.8	8.3	11.7	13.2
Food and kindred products	2.3	2.2	12.1	12.5	9.4	9.6	18.3	20.2
Textile mill products	1.2	.9	11.3	11.3	11.4	12.1	12.3	11.7
Apparel and other textile products	1.7	2.1	10.3	15.9	5.7	12.1	12.3	16.2
Paper and allied products	.9	.6	9.5	8.5	9.4	8.5	11.9	13.9
Printing and publishing	.9	.9	5.1	5.5	5.1	5.3	5.2	5.9
Chemicals and allied products	1.3	.8	5.9	9.2	5.2	5.3	7.9	8.1
Rubber and plastics products	1.1	.9	12.9	14.7	12.7	12.5	14.3	15.5
Other nondurable goods industries	.9	.8	10.2	12.3	7.4	11.0	13.5	13.9
Transportation and public utilities	4.1	3.7	6.2	8.8	7.4	7.3	3.2	5.3
Railroads and railway express	.7	.6	13.7	11.1	10.9	11.8	(1)	(1)
Other transportation	2.1	2.0	6.3	9.8	9.9	10.3	5.7	8.1
Communication and other public utilities	.8	.9	2.1	2.5	2.1	1.9	1.5	3.5
Wholesale and retail trade	19.4	19.4	8.7	10.1	7.9	9.5	9.5	10.8
Finance, insurance, and real estate	6.4	6.4	3.5	4.2	2.6	3.4	4.3	4.9
Service industries	19.5	19.9	5.7	7.4	7.4	8.5	6.3	6.7
Professional services	5.2	5.4	4.1	4.8	3.2	3.8	4.8	5.2
All other service industries	9.3	8.5	10.3	11.2	11.3	12.7	9.9	9.7
Agricultural wage and salary workers	2.7	2.5	10.3	10.1	10.1	11.4	10.5	11.5
All other classes of workers	9.2	9.5	3.1	3.9	3.3	3.8	3.2	4.3
No previous work experience	9.9	9.8	--	--	--	--	--	--

[1] Percent not shown where base is less than 75,000.

HOUSEHOLD DATA

A-13. Unemployed persons by reason for unemployment, sex, age, and race

Reason for unemployment	Total unemployed		Males, 20 years and over		Females, 20 years and over		Both sexes, 16 to 19 years		White		Black a
	Feb. 1981	Feb. 1982	Feb. 1981	Feb. 1982	Feb. 1981	Feb. 1982	Feb. 1981	Feb. 1982	Feb. 1981	Feb. 1982	Feb. 1981
NUMBER OF UNEMPLOYED											
Total unemployed, in thousands	8,614	10,379	4,043	5,138	2,825	3,356	1,747	1,918	5,797	8,123	1,817
Job losers	4,835	6,132	2,995	3,933	1,439	1,890	432	549	3,481	4,893	954
On layoff	1,781	2,344	1,235	1,574	477	625	93	145	1,543	1,989	238
Other job losers	3,054	3,788	1,783	2,329	932	1,266	338	395	2,338	2,905	716
Job leavers	882	931	351	400	352	393	159	137	741	813	141
Reentrants	2,041	2,333	531	680	927	1,095	583	526	1,556	1,698	397
New entrants	856	1,015	85	125	137	178	534	715	521	721	235
PERCENT DISTRIBUTION											
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers	56.2	59.1	74.1	76.6	49.9	56.4	24.7	28.6	57.1	60.3	52.6
On layoff	20.7	22.6	29.8	30.8	16.9	18.7	5.3	7.5	22.7	24.5	13.1
Other job losers	35.5	36.5	44.3	45.6	33.0	37.7	19.1	20.6	34.4	35.9	39.5
Job leavers	10.2	9.0	8.9	7.8	12.5	11.7	9.5	7.1	10.9	10.0	7.8
Reentrants	23.7	22.4	14.9	13.3	32.8	32.7	29.4	27.4	22.9	20.9	26.8
New entrants	9.9	9.8	2.1	2.5	4.9	5.2	36.3	37.3	9.1	8.9	12.9
UNEMPLOYMENT RATE											
Total unemployment rate	8.0	9.6	7.1	8.9	6.7	7.9	23.3	24.9	7.3	8.6	13.6
Job loser rate[1]	4.6	5.7	5.3	6.8	3.3	4.0	5.2	6.8	4.1	5.2	7.2
Job leaver rate	.8	.9	.5	.7	.8	.9	2.0	1.7	.8	.9	1.1
Reentrant rate	1.9	2.1	1.1	1.2	2.2	2.5	6.1	6.7	1.7	1.8	3.7
New entrant rate[1]	.8	.9	.2	.2	.3	.4	7.5	9.1	.7	.8	1.8

[1] Unemployment rates are calculated as a percent of the civilian labor force.

A-14. Unemployed persons by reason for unemployment, sex, age, and duration of unemployment

Percent distribution

Reason, sex, and age	February 1982						
	Total unemployed		Duration of unemployment				
	Thousands of persons	Percent	Less than 5 weeks	5 to 14 weeks	15 weeks and over		
					Total	15 to 26 weeks	27 we and o
Total, 16 years and over	10,378	100.0	34.5	36.4	29.1	15.2	12.
Job losers	6,132	100.0	29.0	33.2	38.0	17.2	13.
On layoff	2,344	100.0	34.2	43.0	23.0	15.0	5.
Other job losers	3,788	100.0	25.7	27.2	47.1	18.6	18.
Job leavers	931	100.0	39.8	29.4	31.1	11.6	12.
Reentrants	2,333	100.0	42.1	32.2	25.7	14.0	11.
New entrants	1,015	100.0	46.2	29.9	23.9	12.7	11.
Males, 20 years and over	5,138	100.0	28.6	39.3	33.0	17.7	15.
Job losers	3,933	100.0	26.5	41.2	32.3	17.7	14.
On layoff	1,574	100.0	32.8	45.5	21.8	15.4	5.
Other job losers	2,359	100.0	22.6	37.6	39.8	19.3	20.
Job leavers	400	100.0	33.7	28.7	37.6	22.3	15.
Reentrants	680	100.0	37.5	27.6	34.7	13.9	20.
New entrants	125	100.0	29.8	35.9	34.3	20.7	13.
Females, 20 years and over	3,356	100.0	37.9	34.8	27.4	15.6	11.
Job losers	1,890	100.0	32.6	35.0	31.9	17.0	14.
On layoff	625	100.0	37.9	38.6	23.5	15.9	7.
Other job losers	1,266	100.0	29.5	33.8	36.7	17.7	19.
Job leavers	393	100.0	39.2	31.6	29.2	18.3	10.
Reentrants	1,095	100.0	43.8	33.6	21.3	13.3	7.
New entrants	178	100.0	49.5	30.0	20.5	9.6	10.
Both sexes, 16 to 19 years	1,918	100.0	49.4	36.3	14.3	13.3	8.
Job losers	549	100.0	33.0	47.4	17.5	13.7	3.
On layoff	145	100.0	38.1	55.4	6.1	6.3	
Other job losers	395	100.0	31.9	44.5	21.5	16.4	5.
Job leavers	137	100.0	56.5	24.6	18.9	9.3	9.
Reentrants	526	100.0	63.4	31.0	15.7	15.7	8.
New entrants	715	100.0	63.4	28.6	28.3	12.0	11.

A-15. Unemployed jobseekers by sex, age, race, and jobsearch methods used

Sex, age, and race	February 1982								
	Thousands of persons		Methods used as a percent of total jobseekers						
	Total unemployed	Total jobseekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives	Other	Average number of methods used
Total, 16 years and over	10,378	7,919	28.1	5.5	74.5	34.9	35.7	5.0	1.63
16 to 19 years	1,980	1,759	16.6	2.5	69.1	29.5	33.8	3.9	1.45
20 to 24 years	2,415	1,905	31.8	5.9	75.2	33.9	35.7	4.8	1.69
25 to 34 years	2,888	2,287	33.9	6.2	73.2	37.5	36.2	4.5	1.71
35 to 44 years	1,460	1,333	28.9	6.7	71.8	35.6	37.7	5.8	1.73
45 to 54 years	949	874	26.1	8.3	73.2	36.9	36.9	5.1	1.65
55 to 64 years	565	483	22.3	8.2	82.5	35.0	37.5	11.2	1.57
65 years and over	91	69	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Males, 16 years and over	5,184	4,445	28.9	6.9	74.7	33.4	36.4	6.9	1.69
16 to 19 years	1,076	975	16.7	4.2	68.3	29.0	35.9	4.3	1.49
20 to 24 years	1,496	1,121	37.2	6.9	74.6	34.3	36.6	5.5	1.74
25 to 34 years	1,794	1,378	32.8	11.4	71.4	33.4	39.3	6.3	1.76
35 to 44 years	835	785	32.4	7.2	73.3	37.5	43.5	9.1	1.81
45 to 54 years	541	498	23.3	9.5	77.3	32.6	37.5	13.1	1.75
55 to 64 years	441	386	17.7	5.3	86.5	32.3	35.3	19.4	1.59
65 years and over	60	49	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Females, 16 years and over	5,194	3,473	26.5	5.2	76.4	37.0	34.5	4.5	1.55
16 to 19 years	842	784	16.3	3.1	69.9	29.1	33.1	3.8	1.38
20 to 24 years	919	784	25.3	3.8	75.3	33.0	34.3	4.8	1.61
25 to 34 years	1,094	909	28.4	6.5	75.3	43.6	32.1	2.7	1.65
35 to 44 years	655	548	25.2	6.5	72.3	39.2	32.2	6.5	1.62
45 to 54 years	408	377	27.6	7.3	68.5	42.1	34.4	1.8	1.55
55 to 64 years	253	159	30.8	7.1	55.2	44.4	35.5	--	1.55
65 years and over	32	20	(1)	(1)	(1)	(1)	(1)	(1)	(1)
White, 16 years and over	8,124	6,225	24.4	5.5	75.2	37.4	36.3	5.2	1.64
Males	4,038	3,437	25.9	6.3	75.5	34.9	35.4	7.2	1.69
Females	4,186	2,789	23.5	4.8	74.2	39.7	37.0	2.3	1.56
Black and other, 16 years and over	2,254	1,694	36.3	6.5	73.5	25.2	34.7	4.8	1.63
Males	1,146	1,008	35.4	6.3	71.9	27.4	37.5	6.3	1.67
Females	1,108	687	37.3	6.4	75.2	28.3	31.7	3.2	1.52

(1) Percents not shown where base is less than 75,000.

NOTE: The jobseekers total is less than the total unemployed because persons on layoff or waiting to begin a new wage and salary job within 30 days are not actively seeking work. It should also be noted that the percents using each method will always total more than 100 because many jobseekers use more than one method.

A-16. Unemployed jobseekers by sex, reason for unemployment, and jobsearch methods used

Sex and reason	February 1982								
	Thousands of persons		Methods used as a percent of total jobseekers						
	Total unemployed	Total jobseekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives	Other	Average number of methods used
Total, 16 years and over	10,378	7,919	28.1	5.5	74.5	34.9	35.7	5.0	1.63
Job losers	6,132	5,332	33.9	7.4	76.1	35.6	34.9	6.3	1.79
Job leavers	931	759	19.7	6.9	71.2	43.1	33.5	4.4	1.82
Reentrants	2,300	1,792	19.4	3.5	69.0	34.6	32.3	2.5	1.47
New entrants	1,015	1,032	17.2	3.1	68.1	23.6	34.1	2.0	1.43
Males, 16 years and over	5,184	4,445	28.9	6.9	74.7	33.4	36.4	6.9	1.69
Job losers	4,467	4,022	33.7	7.9	75.9	34.1	36.4	7.9	1.79
Job leavers	471	453	16.2	11.4	72.9	40.4	37.4	6.2	1.88
Reentrants	963	595	18.3	5.2	73.8	32.5	37.4	6.4	1.74
New entrants	483	454	19.9	5.9	78.3	27.4	35.9	4.3	1.61
Females, 16 years and over	5,194	3,473	26.5	5.2	76.4	37.0	34.5	4.5	1.55
Job losers	1,665	1,233	34.3	6.9	76.9	42.7	33.4	3.2	1.76
Job leavers	460	283	23.4	6.5	77.5	46.8	26.8	3.3	1.65
Reentrants	1,337	1,268	19.9	3.4	66.8	35.2	30.9	2.7	1.41
New entrants	532	569	15.1	4.8	60.0	20.8	32.7	1.5	1.39

NOTE: See note, table A-15.

HOUSEHOLD DATA

A-17. Unemployed persons by duration of unemployment

Duration of unemployment	Total				Full time workers		
	Thousands of persons		Percent distribution		Thousands of persons		
	Feb. 1981	Feb. 1982	Feb. 1981	Feb. 1982	Feb. 1981	Feb. 1982	Feb. 1981
Total, 16 years and over	8,614	10,378	100.0	100.0	7,234	8,557	100.
Less than 5 weeks	3,089	3,581	35.9	34.5	2,625	2,934	36.
5 to 14 weeks	2,951	3,792	34.3	36.5	2,539	3,221	35.
5 to 10 weeks	2,146	2,649	24.9	25.5	1,821	2,214	25.
11 to 14 weeks	805	1,133	9.3	10.9	717	1,006	10.
15 weeks and over	2,574	3,005	29.9	29.0	2,069	2,402	32.
15 to 26 weeks	1,267	1,678	14.7	16.2	1,084	1,478	15.
27 weeks and over	1,307	1,327	15.2	12.8	1,025	1,225	17.
27 to 51 weeks	751	708	8.7	6.8	737	649	10.
52 weeks and over	557	628	6.5	6.1	319	576	7.
Average (mean) duration, in weeks	14.3	14.3	--	--	13.6	15.4	--
Median duration, in weeks	8.2	8.5	--	--	9.2	9.4	--

A-18. Unemployed persons by sex, age, race, marital status, and duration of unemployment

Sex, age, race, and marital status	Thousands of persons					Average (mean) duration, in weeks	Median duration, in weeks	Less than 5 weeks as percent of unemployment in group	
	Total	Less than 5 weeks	5 to 14 weeks	15 to 26 weeks	27 weeks and over				
	February 1982							Feb. 1981	Feb. 1982
Total, 16 years and over	10,378	3,581	3,792	1,678	1,327	14.3	8.5	35.9	34.5
16 to 21 years	2,931	1,199	1,251	392	240	11.5	5.9	43.1	40.9
16 to 19 years	1,998	852	857	255	155	10.5	6.2	47.7	44.4
20 to 24 years	2,415	793	963	356	303	13.8	8.5	35.5	32.8
25 to 34 years	2,880	939	974	564	373	15.5	9.4	33.5	33.3
35 to 44 years	1,468	484	552	233	227	15.7	9.3	33.4	30.3
45 to 54 years	949	291	357	149	153	16.1	9.3	34.6	29.6
55 to 64 years	665	239	236	114	111	15.4	9.4	29.7	31.2
65 years and over	91	37	29	15	11	15.9	9.1	29.5	40.4
Males, 16 years and over	6,184	1,924	2,333	1,053	874	15.4	9.4	32.6	31.1
16 to 21 years	1,695	656	813	245	182	12.2	7.4	39.9	38.7
16 to 19 years	1,070	451	376	151	99	11.9	6.5	45.1	42.8
20 to 24 years	1,496	442	614	248	197	14.4	9.8	31.3	29.5
25 to 34 years	1,794	545	653	358	259	16.7	10.2	28.2	29.3
35 to 44 years	805	283	333	127	143	17.8	10.5	28.6	28.8
45 to 54 years	541	151	193	105	93	17.3	9.5	27.1	27.9
55 to 64 years	413	121	153	55	82	16.2	10.9	28.9	29.4
65 years and over	60	24	10	14	13	13.9	9.5	(1)	(1)
Females, 16 years and over	4,194	1,657	1,459	625	452	12.7	7.1	40.6	39.5
16 to 21 years	1,236	543	439	147	108	10.5	6.2	48.0	43.9
16 to 19 years	842	401	281	104	57	10.2	5.8	51.4	46.4
20 to 24 years	919	351	349	133	106	12.7	7.1	42.2	38.2
25 to 34 years	1,086	444	321	207	115	13.5	7.7	38.2	40.9
35 to 44 years	655	242	232	106	79	13.1	7.4	32.8	37.0
45 to 54 years	408	131	159	44	55	14.9	8.2	43.6	32.0
55 to 64 years	253	97	83	33	29	13.5	7.5	33.8	38.2
65 years and over	32	13	14	2	2	13.2	7.3	(1)	(1)
White, 16 years and over	8,124	2,787	3,139	1,295	950	13.7	8.4	36.5	34.1
Males	4,938	1,695	1,936	843	616	14.6	9.3	33.1	30.3
Females	3,186	1,092	1,203	455	335	12.3	7.3	41.7	39.9
Black and other, 16 years and over	2,254	794	654	383	377	15.5	9.8	33.6	36.1
Males	1,246	429	348	213	260	16.7	9.5	30.6	34.4
Females	1,008	365	306	171	117	14.1	7.5	37.2	38.2
Males, 16 years and over									
Married, spouse present	2,584	715	1,057	461	359	15.9	9.9	31.2	27.7
Widowed, divorced, or separated	686	198	267	127	123	18.7	11.1	41.7	28.7
Single (never married)	2,914	1,024	1,009	466	377	14.2	9.5	36.1	35.1
Females, 16 years and over									
Married, spouse present	1,667	742	646	269	193	12.1	6.8	39.5	40.9
Widowed, divorced, or separated	823	275	283	147	122	14.9	8.5	35.5	33.9
Single (never married)	1,534	641	523	210	161	12.4	6.7	46.6	41.8

(1) Percent not shown where base is less than 75,000.

A-19. Unemployed persons by occupation, industry, and duration of unemployment

Occupation and industry	Thousands of persons					Average (mean) duration, in weeks	Median duration, in weeks	Less than 5 weeks as a percent of unemployed in group		15 weeks and over as a percent of unemployed in group	
	Total	Less than 5 weeks	5 to 14 weeks	15 to 26 weeks	27 weeks and over						
	February 1982							Feb. 1981	Feb. 1982	Feb. 1981	Feb. 1982
OCCUPATION											
White-collar workers	2,557	930	818	434	335	14.1	8.3	37.9	35.2	30.3	29.3
Professional and managerial	857	289	293	150	124	14.8	9.1	35.1	33.7	31.9	32.1
Sales workers	383	122	168	53	40	12.9	7.5	40.2	31.9	26.9	29.3
Clerical workers	1,317	493	457	231	173	14.3	7.5	39.2	37.1	29.7	29.2
Blue-collar workers	5,187	1,979	1,973	934	584	15.2	9.3	30.9	30.7	33.1	30.9
Craft and kindred workers	1,520	445	642	245	189	16.7	9.3	30.8	29.3	29.3	28.5
Operatives, except transport	2,021	554	714	376	257	15.4	9.2	29.8	32.9	37.0	31.9
Transport equipment operatives	475	185	185	80	75	15.9	10.2	30.1	29.4	33.5	32.5
Nonfarm laborers	1,120	335	429	233	153	15.1	9.5	33.3	29.9	32.9	31.9
Service workers	1,494	563	539	224	195	13.5	7.7	41.3	37.9	24.0	28.3
INDUSTRY											
Agriculture	457	94	123	28	82	13.3	6.9	31.8	35.6	23.8	15.5
Construction	1,344	331	633	227	183	13.6	9.3	29.7	28.4	28.8	26.8
Manufacturing	2,593	780	917	498	398	16.7	13.1	30.6	30.1	39.5	38.5
Durable goods	1,646	479	599	331	257	17.5	13.3	29.9	29.1	41.9	38.5
Nondurable goods	947	300	319	167	141	15.3	12.1	31.8	31.7	36.1	38.5
Transportation and public utilities	429	153	143	73	59	15.1	8.1	33.6	35.2	35.6	30.3
Wholesale and retail trade	2,016	784	775	259	233	12.3	5.9	41.1	38.8	25.3	22.7
Finance and service industries	2,099	761	680	336	321	14.7	8.8	36.8	36.3	27.6	31.3
Public administration	482	55	87	74	65	13.7	14.7	34.4	19.5	38.7	49.8
No previous work experience	1,917	471	323	128	114	12.3	6.2	47.3	45.4	23.1	23.9

(1) Includes wage and salary workers only.

A-20. Employed persons by industry, age, and sex

(In thousands)

Industry and age	Total		Males		Females	
	Feb. 1981	Feb. 1982	Feb. 1981	Feb. 1982	Feb. 1981	Feb. 1982
All industries						
16 to 19 years	99,421	97,945	55,987	55,259	42,464	42,677
16 to 17 years	5,347	5,937	3,432	3,049	3,215	2,989
18 to 19 years	2,549	2,246	1,319	1,157	1,230	1,088
20 to 24 years	6,385	6,692	2,113	1,991	1,995	1,800
25 to 54 years	13,877	13,342	7,173	6,966	6,504	6,376
25 to 34 years	53,733	54,508	33,651	34,042	27,050	27,766
35 to 44 years	27,934	28,089	15,885	15,887	11,746	12,202
45 to 54 years	13,777	13,981	11,342	11,723	8,435	8,881
55 to 64 years	15,294	15,916	9,425	9,232	6,869	6,684
55 to 59 years	11,499	11,249	6,912	6,674	4,586	4,544
60 to 64 years	3,795	4,667	4,299	4,128	2,856	2,804
65 years and over	4,397	4,285	2,665	2,546	1,730	1,740
	2,875	2,961	1,766	1,739	1,109	1,102
Nonagricultural industries						
16 to 19 years	93,583	93,091	53,621	54,918	41,958	42,176
16 to 17 years	5,428	5,749	3,252	2,966	3,177	2,863
18 to 19 years	2,442	2,138	1,229	1,065	1,214	1,073
20 to 24 years	8,980	9,391	4,024	4,031	4,963	4,790
25 to 54 years	68,356	68,376	34,923	34,736	33,438	33,640
25 to 34 years	62,185	63,001	35,436	35,560	26,749	27,440
35 to 44 years	27,399	27,415	15,443	15,352	11,956	12,063
45 to 54 years	18,271	20,122	10,953	11,334	8,321	8,788
55 to 64 years	15,883	15,463	9,388	8,874	6,772	6,590
55 to 59 years	11,039	10,766	6,491	6,289	4,516	4,477
60 to 64 years	4,844	4,697	4,037	3,931	2,812	2,769
65 years and over	2,503	2,572	2,457	2,358	1,734	1,708
			1,523	1,497	1,083	1,076
Agriculture						
16 to 19 years	2,823	2,853	2,315	2,351	505	501
16 to 17 years	283	288	193	193	88	95
18 to 19 years	187	187	91	92	96	95
20 to 24 years	112	101	89	90	23	11
25 to 54 years	323	315	254	260	70	56
25 to 34 years	1,518	1,508	1,217	1,292	301	216
35 to 44 years	533	573	443	536	90	139
45 to 54 years	536	482	393	389	113	93
55 to 64 years	479	453	391	359	98	94
55 to 59 years	439	452	419	385	70	67
60 to 64 years	253	232	239	197	44	35
65 years and over	236	220	213	187	27	32
	272	269	267	253	26	26

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A-21. Employed persons by occupation, sex, and age

[In thousands]

Occupation	Total		Males, 20 years and over		Females, 20 years and over		Males, 16-19 years		Females, 16-19 years	
	Feb. 1991	Feb. 1992	Feb. 1991	Feb. 1992	Feb. 1991	Feb. 1992	Feb. 1991	Feb. 1992	Feb. 1991	Feb. 1992
TOTAL	99,431	97,946	52,585	52,221	39,269	39,785	3,432	3,049	3,215	2,9
White collar workers	52,978	52,986	23,930	23,995	26,587	26,927	593	562	1,745	1,5
Professional and technical	18,541	18,877	8,943	9,183	7,474	7,735	83	58	43	
Health workers	3,115	3,244	994	1,039	2,102	2,167	4	5	16	
Teachers, except college	3,353	3,498	981	1,022	2,383	2,432	5	3	11	
Other professional and technical	12,065	12,265	6,969	7,084	2,989	3,137	74	50	16	
Managers and administrators, except farm	11,037	11,240	8,158	8,361	2,853	2,981	61	43	42	
Salaried workers	9,695	9,867	6,979	7,037	2,621	2,753	56	33	39	
Self-employed workers in retail trade	317	314	242	251	369	262	3	1	1	
Self-employed workers, except retail trade	995	960	882	794	191	165	1	1	1	
Sales workers	6,276	6,426	3,271	3,334	2,183	2,539	208	202	435	
Retail trade	3,163	3,212	1,014	1,042	1,617	1,701	159	149	373	
Other industries	3,113	3,214	2,257	2,292	776	839	49	52	14	
Clerical workers	18,453	18,340	3,275	3,335	13,039	13,201	330	264	1,236	1,0
Stenographers, typists, and secretaries	5,024	4,794	58	69	4,588	4,493	8	4	274	
Other clerical workers	13,429	13,548	3,217	3,268	8,955	9,211	322	263	962	
Blue collar workers	33,034	29,142	22,724	22,178	5,348	5,287	1,561	1,437	221	
Craft and kindred workers	12,263	12,331	11,141	11,315	745	835	330	263	43	
Carpenters	1,063	1,011	1,015	973	19	15	25	24	--	
Construction craft workers, except carpenters	2,392	2,250	2,301	2,159	28	45	53	45	--	
Mechanics and repairers	3,474	3,467	3,269	3,272	61	77	143	112	2	
Metal craft workers	1,253	1,198	1,177	1,088	55	49	36	29	1	
Blue collar worker supervisors, not elsewhere classified	1,746	1,727	1,529	1,532	217	194	5	1	4	
All other	2,313	2,429	1,850	1,800	365	455	55	52	32	
Operatives, except transport	13,432	9,756	5,815	5,443	3,939	3,757	518	435	163	
Durable goods manufacturing	6,563	4,812	2,956	2,745	1,537	1,427	154	125	50	
Nondurable goods manufacturing	3,359	3,027	1,341	1,162	1,040	1,726	105	61	73	
Other industries	3,483	2,416	1,522	1,536	363	605	259	229	35	
Transport equipment operatives	3,377	3,433	2,951	2,959	287	339	127	126	12	
Drivers, motor vehicles	2,935	2,942	2,541	2,551	272	295	115	109	11	
All other	442	491	410	407	15	44	12	17	1	
Nonfarm laborers	3,962	3,922	2,817	2,883	435	385	580	641	63	
Construction	713	556	626	479	14	10	71	62	--	
Manufacturing	925	819	691	734	158	139	72	45	5	
Other industries	2,341	2,426	1,500	1,623	263	237	539	509	54	
Service workers	13,213	13,473	6,127	6,282	6,987	7,257	916	887	1,176	
Private household workers	1,394	1,321	25	32	984	777	11	8	191	
Service workers, except private household	10,318	10,462	4,132	4,173	5,124	5,480	569	593	984	
Food service workers	4,451	4,545	982	961	2,263	2,851	171	23	12	
Protective service workers	1,457	1,512	1,209	1,214	146	171	23	29	312	
All other	4,203	4,395	1,941	1,995	2,715	2,458	295	283	20	
Farm workers	2,193	2,245	1,586	1,548	316	317	160	163	20	
Farmers and farm managers	1,393	1,394	1,240	1,198	121	139	15	8	--	
Farm laborers and supervisors	923	1,003	573	651	193	178	144	155	23	
Paid workers	742	740	539	610	84	66	107	105	13	
Unpaid family workers	181	263	82	42	135	112	37	51	8	

A-22. Employed persons by occupation, race, and sex

(Percent distribution)

Occupation and race	Total		Male		Female	
	Feb. 1981	Feb. 1982	Feb. 1981	Feb. 1982	Feb. 1981	Feb. 1982
TOTAL						
Total, 16 years and over (thousands)	98,431	97,945	55,937	55,259	42,494	42,677
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White collar workers	53.7	54.1	43.9	44.4	66.7	66.6
Professional and technical	15.8	17.3	15.1	15.6	17.7	18.2
Managers and administrators, except farm	11.8	11.5	15.0	14.9	7.5	7.1
Sales workers	6.4	6.6	6.2	6.4	6.6	6.8
Clerical workers	19.7	18.7	6.4	6.5	35.0	34.5
Blue collar workers	33.5	29.8	43.6	42.7	13.2	13.0
Craft and kindred workers	12.5	12.3	23.5	23.2	1.9	2.0
Operatives, except transport	13.6	13.0	11.3	10.6	9.6	9.2
Transport equipment operatives	3.4	3.5	6.5	6.6	.7	.7
Nonfarm laborers	4.0	4.0	6.3	6.3	1.1	1.0
Service workers	13.4	13.8	9.3	9.2	19.2	19.6
Private household workers	1.1	1.0	.1	.1	2.5	2.3
Other service workers	12.3	12.7	9.3	9.1	16.7	17.3
Farm workers	2.4	2.4	3.5	3.6	.8	.8
Farmers and farm managers	1.4	1.4	2.3	2.2	.3	.3
Farm laborers and supervisors	.9	1.0	1.3	1.5	.5	.5
White						
Total, 16 years and over (thousands)	86,932	86,492	49,968	49,432	36,938	37,091
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White collar workers	55.3	55.9	45.5	45.9	68.7	68.8
Professional and technical	17.2	17.6	15.7	17.1	18.9	18.7
Managers and administrators, except farm	12.5	12.2	15.9	15.7	8.0	7.6
Sales workers	6.9	7.0	6.7	6.8	7.1	7.3
Clerical workers	18.7	18.7	6.3	6.3	35.6	35.3
Blue collar workers	33.3	29.6	42.8	42.0	12.8	12.3
Craft and kindred workers	12.9	12.7	21.3	20.7	1.9	2.1
Operatives, except transport	13.1	9.4	13.9	10.1	9.1	8.5
Transport equipment operatives	3.3	3.4	5.2	5.3	.7	.8
Nonfarm laborers	3.7	3.7	5.7	5.8	1.1	1.0
Service workers	12.2	12.5	9.2	8.9	17.7	18.0
Private household workers	.9	.8	(1)	.1	2.0	1.8
Other service workers	11.3	11.7	9.1	8.9	15.7	16.2
Farm workers	2.4	2.5	3.6	3.7	.9	.9
Farmers and farm managers	1.6	1.5	2.4	2.4	.3	.4
Farm laborers and supervisors	.9	1.0	1.2	1.3	.5	.5
Black and other						
Total, 16 years and over (thousands)	11,499	11,454	5,970	5,828	5,529	5,586
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White collar workers	41.6	41.7	32.2	32.0	53.9	52.0
Professional and technical	13.7	13.9	11.8	12.5	15.7	15.3
Managers and administrators, except farm	6.3	5.7	7.9	7.8	4.6	3.5
Sales workers	2.8	3.3	2.5	3.2	3.1	3.4
Clerical workers	18.9	18.9	9.9	8.5	30.5	29.8
Blue collar workers	36.1	33.5	53.6	49.0	16.2	17.2
Craft and kindred workers	9.2	8.8	15.5	15.9	1.8	1.3
Operatives, except transport	14.3	14.0	14.8	14.2	13.1	13.9
Transport equipment operatives	4.7	4.5	8.4	8.2	.6	.7
Nonfarm laborers	9.2	9.1	13.9	10.7	1.1	1.3
Service workers	22.6	23.9	15.2	15.7	29.5	30.6
Private household workers	2.2	2.9	.2	.3	5.9	5.6
Other service workers	18.7	20.1	15.0	15.5	23.6	25.0
Farm workers	1.7	1.8	2.9	3.3	.3	.3
Farmers and farm managers	.3	.3	.6	.5	(1)	.1
Farm laborers and supervisors	1.3	1.5	2.3	2.8	.3	.2

(1) Less than 0.05 percent

HOUSEHOLD DATA

A-23. Employed persons by age, sex, and class of worker

(In thousands)

FEBRUARY 1982

Age and sex	Nonagricultural industries						Agriculture		
	Wage and salary workers				Self employed	Unpaid family workers	Wage and salary workers	Self employed	Unpaid family workers
	Total	Private household workers	Government	Other					
Total, 16 years and over	87,700	1,113	15,760	70,827	7,327	355	1,161	1,456	235
16 to 19 years	5,610	244	363	5,005	90	29	140	9	59
16 to 17 years	2,078	180	105	1,793	54	6	64	5	38
18 to 19 years	3,532	64	258	3,212	36	23	75	4	21
20 to 24 years	12,659	133	1,336	11,192	383	25	213	69	33
25 to 34 years	25,634	143	4,622	20,867	1,730	54	343	276	55
35 to 44 years	18,232	143	3,924	14,165	1,792	98	198	252	32
45 to 54 years	13,943	158	3,119	10,655	1,443	78	136	287	35
55 to 64 years	9,621	157	2,223	7,431	1,372	73	106	329	11
55 to 59 years	6,004	133	1,243	4,660	932	49	57	155	1
60 to 64 years	3,617	57	780	2,771	620	29	39	174	
65 years and over	2,004	148	315	1,541	557	11	26	234	
Males, 16 years and over	48,108	113	7,666	40,333	4,755	58	962	1,288	10
16 to 19 years	2,799	37	154	2,608	53	18	125	8	5
16 to 17 years	1,032	24	51	958	23	4	55	4	3
18 to 19 years	1,766	13	104	1,650	21	14	70	3	1
20 to 24 years	6,477	13	553	5,935	221	8	179	60	2
25 to 34 years	14,411	14	2,164	12,034	1,136	5	276	240	1
35 to 44 years	10,136	7	1,943	8,188	1,193	5	163	215	
45 to 54 years	7,869	13	1,633	6,222	1,331	4	113	246	
55 to 64 years	5,508	9	1,033	4,459	773	8	82	302	
55 to 59 years	3,456	2	635	2,819	670	5	58	139	
60 to 64 years	2,052	4	398	1,651	403	3	25	162	
65 years and over	1,109	15	189	936	382	5	24	215	1
Females, 16 years and over	39,592	1,033	8,095	30,494	2,271	332	200	168	
16 to 19 years	2,811	207	236	2,397	41	12	15	1	
16 to 17 years	1,045	156	54	835	26	2	9	1	
18 to 19 years	1,766	51	182	1,562	15	9	5	1	
20 to 24 years	6,182	82	843	5,257	121	15	34	9	
25 to 34 years	11,421	129	2,459	8,833	594	48	67	36	
35 to 44 years	8,096	135	1,984	5,976	539	93	35	35	
45 to 54 years	6,074	134	1,486	4,454	892	74	24	40	
55 to 64 years	4,113	161	993	2,960	633	64	24	27	
55 to 59 years	2,548	93	508	1,942	382	39	10	15	
60 to 64 years	1,565	53	382	1,120	118	25	14	12	
65 years and over	895	134	126	633	175	5	2	18	

A-24. Employed persons by industry and occupation

(In thousands)

FEBRUARY 1982

Industry	Total employed	White-collar workers				Blue-collar workers				Service workers		
		Professional and technical workers	Managers and administrators, except farm	Sales workers	Clerical workers	Craft and kindred workers	Operatives, except transport	Transport equipment operatives	Nonfarm laborers	Private household workers	Other service workers	
Agriculture	2,851	53	35	8	93	52	15	24	212	--	3	
Mining	1,095	133	110	4	144	251	335	53	25	--	16	
Construction	5,263	139	739	40	462	2,933	218	175	556	--	41	
Manufacturing	20,640	2,513	1,679	486	2,582	3,999	7,340	694	939	--	393	
Durable goods	12,383	1,381	1,013	173	1,529	2,509	4,312	346	503	--	211	
Nondurable goods	8,257	949	653	313	1,051	1,390	3,027	348	436	--	183	
Transportation and public utilities	6,477	475	673	96	1,506	1,351	139	1,431	421	--	234	
Wholesale and retail trade	19,992	453	3,883	4,194	3,493	1,437	899	774	1,138	--	3,698	
Wholesale trade	4,063	132	865	982	844	306	215	406	251	--	28	
Retail trade	15,929	293	3,033	3,212	2,650	1,131	683	368	887	--	3,670	
Finance, insurance, and real estate	6,351	431	1,281	1,432	2,815	124	13	5	42	--	251	
Services	30,173	11,532	2,175	193	5,454	1,623	754	212	446	1,021	6,733	
Private households	1,156	9	--	--	11	4	1	5	63	1,021	40	
Other service industries	29,017	11,523	2,175	193	5,443	1,619	753	207	383	--	6,693	
Public administration	5,103	997	661	2	1,797	274	75	65	121	--	1,111	

A-25. Employed persons with a job but not at work by reason, sex, and pay status

(In thousands)

Reason not working and sex	All industries		Nonagricultural industries					
			Total		Wage and salary workers[1]			
					Paid absences[2]		Unpaid absences[2]	
	Feb. 1981	Feb. 1982	Feb. 1981	Feb. 1982	Feb. 1981	Feb. 1982	Feb. 1981	Feb. 1982
Total, 16 years and over	4,116	4,05[illegible]	3,897	3,845	1,559	1,496	1,753	1,676
Vacation	1,178	1,[illegible]	1,122	1,148	783	560	241	223
Illness	1,622	1,[illegible]	1,572	1,454	613	608	814	702
Bad weather	314	336	254	302	--	--	--	--
Industrial dispute	48	17	47	17	--	--	--	--
All other reasons	954	1,058	901	1,015	236	228	598	745
Males, 16 years and over	2,362	2,287	2,169	2,197	826	851	974	805
Vacation	713	652	666	635	456	402	108	101
Illness	898	779	856	753	347	328	423	341
All other reasons[3]	752	855	647	737	114	121	394	363
Females, 16 years and over	1,754	1,761	1,728	1,748	634	645	880	871
Vacation	466	444	456	443	273	258	134	128
Illness	724	713	716	709	263	279	392	361
All other reasons[3]	565	605	555	597	33	108	354	382

[1] Excludes private household workers.

[2] Pay status not available separately for bad weather and industrial dispute; these categories are included in "all other reasons."

[3] Includes bad weather and industrial dispute, not shown separately.

NOTE: Estimates for "all other reasons" by pay status may be biased because of high response variance; data should be used with caution.

A-26. Persons at work by hours of work and industry

Hours of work	February 1982					
	Thousands of persons			Percent distribution		
	All industries	Nonagricultural industries	Agriculture	All industries	Nonagricultural industries	Agriculture
Total, 16 years and over	94,837	91,298	2,539	100.0	100.0	100.0
1-34 hours	26,117	25,225	893	27.6	27.6	35.8
1-4 hours	851	822	29	.9	.9	1.1
5-14 hours	4,757	4,519	239	5.1	5.0	9.1
15-29 hours	12,115	11,668	448	12.9	12.8	17.0
30-34 hours	8,393	8,216	177	8.9	9.0	6.7
35 hours and over	67,759	66,023	1,745	72.2	72.8	66.2
35-39 hours	6,501	6,439	162	7.0	7.1	6.1
40 hours	39,438	38,955	483	42.3	42.7	18.3
41 hours and over	21,730	20,629	1,101	23.1	22.6	41.7
41 to 48 hours	8,547	8,298	249	9.1	9.1	9.4
49 to 59 hours	7,750	7,418	332	8.3	8.1	12.6
60 hours and over	5,443	4,923	520	5.8	5.4	19.7
Average hours, total at work	37.7	37.6	41.0	--	--	--
Average hours, workers on full-time schedules	42.3	42.2	43.3	--	--	--

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A-27. Persons at work 1 to 34 hours by reason for working less than 35 hours and usual status

(Numbers in thousands)

Reason for working less than 35 hours	February 1982					
	All industries			Nonagricultural industries		
	Total	Usually work full time	Usually work part time	Total	Usually work full time	Usually work part time
Total, 16 years and over	26,117	9,383	16,734	23,225	6,945	16,280
Economic reasons						
Slack work	5,340	2,174	3,161	5,289	2,232	3,057
Material shortages or repairs to plant and equipment	3,062	1,933	1,128	3,046	1,909	1,137
New job started during week	43	43	--	43	43	--
Job terminated during week	130	130	--	106	106	--
Could find only part time work	83	83	--	77	77	--
	2,352	--	2,352	2,021	--	2,021
Other reasons						
Does not want or unavailable for full time work	13,176	5,114	13,322	10,935	3,712	13,223
Vacation	11,854	--	11,854	11,364	--	11,364
Illness	774	774	--	768	768	--
Bad weather	1,436	1,275	161	1,406	1,260	146
Holiday or leisure	1,959	1,959	--	891	891	--
Child or relative looking	5	5	--	5	5	--
Full time job only	2,353	2,353	--	2,353	2,353	--
All other reasons	1,427	--	1,427	1,427	--	1,427
	1,511	1,293	524	1,825	1,238	587
Average hours						
Economic reasons	22.1	25.3	23.3	22.3	25.3	23.6
Other reasons	21.4	27.3	19.4	21.5	27.5	19.4
Worked 35 to 39 hours						
Economic reasons	1,831	1,132	651	1,785	1,126	659
Other reasons	5,562	4,288	2,273	5,431	4,203	2,228

A-28. Nonagricultural workers by industry and full- or part-time status

(Numbers in thousands)

Industry	February 1982							
	Full- or part-time status						Average hours, total at work	Average hours, workers on full time schedules
	Total at work	On part-time for economic reasons	On voluntary part time	On full time schedules				
				Total	40 hours or less	41 to 48 hours	49 hours or more	
Total, 16 years and over	71,243	5,259	13,223	72,711	53,127	8,259	12,341	37.5	42.2
Wage and salary workers	64,474	4,594	11,596	47,984	33,286	2,791	10,407	37.5	41.8
Construction	3,940	343	156	3,432	2,629	302	471	37.7	40.4
Manufacturing	19,528	959	527	17,934	13,533	2,394	1,981	39.9	41.3
Durable goods	11,685	435	239	11,243	8,428	1,419	1,193	40.3	41.2
Nondurable goods	7,833	524	288	6,691	5,104	975	789	39.2	41.4
Transportation and public utilities	5,881	214	358	5,311	3,787	598	924	40.5	42.8
Wholesale and retail trade	17,236	1,489	4,344	11,588	7,529	1,651	2,419	35.3	43.3
Finance, insurance, and real estate	5,851	129	492	5,353	3,926	425	939	38.5	43.7
Service industries	26,329	1,353	5,393	19,173	14,383	1,819	3,171	35.3	41.7
Private households	1,059	173	567	318	233	33	67	22.6	43.4
All other industries	25,271	1,180	4,826	18,853	13,972	1,786	3,104	36.1	41.7
Public administration	4,957	75	311	4,571	3,532	465	504	39.3	40.8
Self-employed workers	6,439	573	1,171	4,361	2,733	432	1,883	33.2	41.7
Unpaid family workers	330	11	156	192	126	15	50	34.3	45.3

[1] Includes mining, not shown separately.

A-29. Persons at work in nonagricultural industries by sex, age, race, marital status, and full- or part-time status

(Numbers in thousands)

Sex, age, race, and marital status	February 1982							
	Total at work	On part time for economic reasons	On voluntary part time	On full time schedules			Average hours, total at work	Average hours, workers on full time schedules
				Total	40 hours or less	41 hours or more		
TOTAL								
Both sexes, 16 years and over	91,243	3,239	13,223	72,781	52,137	20,629	37.6	42.2
16 to 21 years	13,153	931	4,319	7,895	3,987	898	28.1	40.2
16 to 19 years	9,398	588	3,240	5,812	1,513	302	23.7	39.5
16 to 17 years	2,384	99	1,790	195	162	33	18.6	38.2
18 to 19 years	7,015	489	1,450	5,616	1,346	270	27.9	39.7
20 years and over	80,538	4,751	9,983	70,924	53,597	20,327	38.5	42.2
20 to 24 years	12,615	960	2,059	9,596	7,343	2,253	36.1	41.2
25 years and over	73,342	3,790	7,924	61,328	43,254	18,074	38.9	42.5
25 to 44 years	45,826	2,419	4,269	39,138	27,782	11,356	39.3	42.5
45 to 64 years	24,877	1,293	2,513	21,130	15,329	5,784	39.0	42.2
65 years and over	2,640	139	1,145	1,386	752	634	29.2	43.3
Males, 16 years and over	50,821	2,426	3,970	44,425	29,913	15,515	40.5	43.5
16 to 21 years	5,182	828	2,018	2,690	2,052	638	29.7	40.4
16 to 19 years	4,006	453	1,568	985	756	229	24.9	40.3
16 to 17 years	1,240	50	873	117	98	19	17.7	38.1
18 to 19 years	1,767	233	595	859	659	210	29.1	40.6
20 years and over	48,314	2,172	2,433	43,439	29,153	15,286	41.4	43.6
20 to 24 years	6,513	466	822	5,222	3,677	1,545	37.9	42.3
25 years and over	41,524	1,736	1,581	38,217	24,477	13,740	42.0	43.7
25 to 44 years	29,883	1,185	571	24,147	15,112	9,035	42.5	44.3
45 to 64 years	14,317	532	439	13,366	8,907	4,459	42.0	43.8
65 years and over	1,324	59	591	704	455	248	31.1	43.7
Females, 16 years and over	40,427	2,863	9,253	29,311	23,197	5,114	33.9	40.1
16 to 21 years	7,923	537	2,321	5,195	1,935	260	26.4	39.2
16 to 19 years	5,393	288	1,672	825	751	74	22.6	38.6
16 to 17 years	1,345	53	917	79	64	14	15.5	38.2
18 to 19 years	4,049	236	755	748	687	61	26.6	38.6
20 years and over	32,504	2,326	6,931	24,116	21,262	4,854	36.7	40.1
20 to 24 years	6,102	495	1,237	4,373	3,665	708	34.1	39.9
25 years and over	26,402	1,832	5,694	19,743	17,597	2,146	36.8	40.2
25 to 44 years	15,943	1,232	3,698	10,992	8,071	2,921	35.2	40.2
45 to 64 years	10,559	732	2,092	7,735	6,611	1,124	38.9	40.1
65 years and over	897	68	554	385	298	87	26.5	41.9
RACE								
White	82,598	6,448	12,398	64,322	44,922	19,100	37.7	42.4
Males	45,422	2,061	3,625	39,736	25,285	14,451	40.7	43.7
Females	35,146	2,387	8,473	24,286	19,637	4,649	33.8	40.2
Black and other	10,681	841	1,125	8,715	7,185	1,529	36.8	40.6
Males	5,399	364	345	4,688	3,628	1,062	38.8	41.7
Females	5,282	476	780	4,026	3,563	466	34.8	39.4
MARITAL STATUS								
Males, 16 years and over								
Married, spouse present	34,545	1,297	1,119	32,229	20,320	11,900	42.3	43.8
Widowed, divorced, or separated	4,486	296	217	3,973	2,585	1,388	41.0	43.7
Single (never married)	11,790	833	2,635	8,232	6,006	2,226	35.2	42.2
Females, 16 years and over								
Married, spouse present	22,626	1,559	5,413	15,653	12,815	2,844	33.3	40.3
Widowed, divorced, or separated	8,385	631	1,385	6,389	5,075	1,324	36.3	40.3
Single (never married)	9,417	737	2,754	5,956	5,309	1,147	32.0	40.3

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A-30. Persons at work in nonfarm occupations by sex and full- or part-time status

Numbers in thousands

Occupation and sex	February 1982							
	Total at work	On part time for economic reasons	On voluntary part time	On full time schedules			Average hours, total at work	Average hours, workers on full time schedules
				Total	40 hours or less	41 to 48 hours	49 hours or more	
Total, 16 years and over	91,704	5,334	13,296	73,376	52,308	8,334	12,434	37.5	42.2
White-collar workers	51,055	1,695	7,349	41,974	29,273	4,338	8,363	38.4	42.3
Professional and technical	16,437	392	2,382	13,363	9,467	1,574	2,922	39.1	42.8
Managers and administrators, except farm	10,783	170	564	10,054	5,278	1,230	3,546	44.3	46.1
Sales workers	6,121	394	1,470	4,257	2,680	513	1,064	35.9	43.3
Clerical workers	17,712	739	3,273	13,730	11,548	1,421	831	35.2	39.6
Blue-collar workers	27,682	2,196	1,828	23,658	17,449	3,384	3,125	39.7	41.6
Craft and kindred workers	11,414	594	399	10,421	7,304	1,574	1,443	39.9	41.9
Operatives, except transport	9,337	870	512	7,955	5,673	928	654	38.2	40.7
Transport equipment operatives	3,229	249	266	2,714	1,928	327	759	43.8	44.8
Nonfarm laborers	3,702	383	650	2,569	2,145	255	269	34.3	40.3
Service workers	12,966	1,443	4,381	7,449	5,786	712	945	31.9	41.6
Private household	483	160	511	297	203	34	60	23.1	43.6
Other service workers	11,993	1,283	3,571	7,145	5,581	678	886	32.6	41.5
Males, 16 years and over	51,120	2,458	3,990	44,672	29,351	5,592	9,929	40.5	43.5
White-collar workers	23,718	532	1,543	21,643	12,545	2,546	6,452	42.7	44.9
Professional and technical	8,839	137	538	8,264	5,118	947	2,199	42.4	44.3
Managers and administrators, except farm	7,875	128	226	7,522	3,588	941	2,993	45.9	47.1
Sales workers	3,415	133	384	2,901	1,504	381	915	41.3	44.9
Clerical workers	3,589	136	396	2,957	2,234	378	345	38.3	41.4
Blue-collar workers	22,451	1,585	1,289	19,577	13,355	2,563	2,919	39.3	42.1
Craft and kindred workers	12,615	938	805	9,871	6,806	1,475	1,390	40.1	42.0
Operatives, except transport	5,628	406	284	4,935	3,753	638	545	39.2	41.5
Transport equipment operatives	2,934	213	155	2,566	1,515	315	736	41.9	45.1
Nonfarm laborers	1,273	329	344	2,403	1,919	236	248	34.5	40.3
Service workers	4,951	341	1,158	3,452	2,511	383	558	35.6	42.8
Private household	43	9	23	12	9	2	1	22.6	38.2
Other service workers	4,911	334	1,139	3,438	2,530	381	557	35.7	42.8
Females, 16 years and over	40,584	2,874	9,307	29,037	23,251	2,941	2,505	33.9	40.1
White-collar workers	27,340	1,163	5,845	20,331	16,530	1,991	1,910	34.7	40.1
Professional and technical	7,599	255	1,844	5,730	4,350	627	723	35.2	40.6
Managers and administrators, except farm	2,914	42	338	2,532	1,690	289	553	40.2	43.1
Sales workers	2,706	261	1,085	1,358	1,177	132	149	29.2	40.1
Clerical workers	14,224	602	2,878	10,744	9,414	943	887	34.5	39.1
Blue-collar workers	5,231	610	538	4,081	3,456	421	206	36.0	39.7
Craft and kindred workers	799	56	93	650	498	99	53	36.9	40.5
Operatives, except transport	3,709	462	226	3,019	2,619	291	109	36.7	39.4
Transport equipment operatives	295	37	111	147	113	12	22	29.7	41.3
Nonfarm laborers	429	56	107	265	225	19	21	32.4	40.2
Service workers	8,017	1,101	2,923	3,993	3,275	329	389	29.6	40.5
Private household	929	152	491	286	193	33	60	23.1	44.0
Other service workers	7,089	949	2,432	3,707	3,080	297	330	30.4	40.3

A-31. Employment status of 14- and 15-year-olds by sex and race

(Numbers in thousands)

Employment status	February 1982								
	Total [1]			White			Black and other		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Civilian noninstitutional population	7,222	3,576	3,646	5,966	2,952	3,014	1,256	624	632
Civilian labor force	1,023	498	525	973	469	504	52	29	23
Employed	853	437	451	843	393	450	25	14	11
Agriculture	54	41	12	50	38	12	3	3	--
Nonagricultural industries	815	396	459	793	355	439	22	11	11
Unemployed	154	91	64	130	76	54	25	15	10
Unemployment rate	15.1	18.3	12.2	13.4	16.2	10.7	(1)	(1)	(1)
Not in labor force	6,233	3,178	3,021	4,993	2,583	2,410	1,237	595	611
Keeping house	31	5	25	24	4	20	7	2	5
Going to school	6,063	3,103	2,959	4,884	2,523	2,362	1,178	580	599
Unable to work	4	1	2	2	1	1	2	1	1
All other reasons	102	69	34	83	55	28	19	13	6

[1] Percent not shown where base is less than 75,000

A-32. Employed 14- and 15-year-olds by class of worker, occupation, and sex

Class of worker and occupation	February 1982					
	Thousands of persons			Percent distribution		
	Both sexes	Males	Females	Both sexes	Males	Females
CLASS OF WORKER						
Total	868	437	431	100.0	100.0	100.0
Nonagricultural industries	815	396	459	93.8	89.9	97.4
Wage and salary workers	729	325	424	83.9	74.3	91.8
Private household workers	321	39	282	36.9	8.5	61.0
Government workers	27	16	11	3.1	3.7	2.4
Other wage and salary workers	381	253	131	43.8	61.4	28.4
Self-employed workers	82	57	25	9.4	14.3	5.4
Unpaid family workers	5	4	1	.6	1.0	.2
Agriculture	53	41	12	6.1	10.1	2.6
Wage and salary workers	24	20	4	2.8	4.8	.9
Self-employed workers	3	2	1	.3	.5	.2
Unpaid family workers	26	19	7	3.0	4.7	1.5
OCCUPATION						
Total	868	437	431	100.0	100.0	100.0
White collar workers	271	181	90	31.3	44.5	19.5
Professional and technical	13	3	10	1.5	.7	2.2
Managers and administrators, except farm	--	1	--	--	.2	--
Sales workers	219	156	61	25.3	38.5	13.2
Clerical workers	39	19	20	4.5	4.7	4.3
Blue collar workers	93	81	8	10.4	19.9	1.7
Craft and kindred workers	3	3	--	.7	1.5	--
Operatives, except transport	19	14	4	2.2	3.4	.8
Transport equipment operatives	5	5	--	.5	1.1	--
Nonfarm laborers	59	59	4	6.9	13.9	.9
Service workers	456	185	353	52.6	45.5	76.4
Private household workers	336	39	297	38.3	8.7	62.1
Other service workers	152	80	66	17.5	21.1	14.3
Farm workers	53	40	13	5.8	9.8	2.2
Farmers and farm managers	2	2	1	.2	.5	.2
Farm laborers and supervisors	47	38	9	5.4	9.3	1.9

HOUSEHOLD DATA
SEASONALLY ADJUSTED

A-33. Employment status of the noninstitutional population by sex and age, seasonally adjusted

(Numbers in thousands)

Employment status, sex, and age	1981											198
	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
TOTAL												
Total noninstitutional population [1]	171,400	171,581	171,773	171,956	172,172	172,385	172,559	172,753	172,965	173,155	173,333	173,495
Armed Forces [1]	2,121	2,128	2,129	2,127	2,131	2,139	2,160	2,165	2,158	2,158	2,164	2,154
Civilian noninstitutional population [1]	169,280	169,453	169,641	169,829	170,042	170,246	170,399	170,593	170,809	170,996	171,165	171,345
Civilian labor force	108,034	108,384	108,777	109,293	108,934	108,698	108,818	108,494	109,312	109,272	109,169	108,879
Percent of civilian population	63.8	63.9	64.1	64.4	63.8	63.8	63.9	63.6	64.0	63.9	63.8	63.5
Employed	100,069	100,406	100,979	101,365	100,430	100,864	100,843	100,258	100,343	100,172	99,613	99,581
Percent of total population	58.4	58.5	58.7	58.8	58.3	58.5	58.4	58.0	58.0	57.9	57.5	57.4
Agriculture	3,346	3,343	3,473	3,435	3,348	3,382	3,404	3,358	3,379	3,372	3,209	3,411
Nonagricultural industries	96,723	97,063	97,506	97,930	97,082	97,522	97,439	96,900	96,965	96,800	96,404	96,173
Unemployed	7,965	7,958	7,899	8,248	8,334	7,826	7,975	8,236	8,559	9,100	9,571	9,298
Unemployment rate	7.4	7.3	7.3	7.5	7.4	7.2	7.3	7.5	8.0	8.3	8.8	8.5
Not in labor force	61,246	61,069	60,864	60,536	61,038	61,558	61,581	62,099	61,797	61,724	61,982	62,466
Males, 20 years and over												
Total noninstitutional population [1]	73,607	73,710	73,817	73,924	74,045	74,168	74,269	74,382	74,502	74,610	74,719	74,813
Civilian noninstitutional population [1]	71,951	72,037	72,142	72,251	72,359	72,472	72,559	72,670	72,795	72,921	73,020	73,120
Civilian labor force	56,816	57,028	57,157	57,479	57,334	57,172	57,258	57,262	57,355	57,459	57,665	57,368
Percent of civilian population	79.0	79.2	79.2	79.6	78.9	78.9	78.9	78.8	78.8	78.8	79.0	78.5
Employed	53,383	53,618	53,823	53,884	53,597	53,874	53,791	53,693	53,504	53,354	53,122	53,047
Percent of total population	72.5	72.7	72.9	72.9	72.4	72.6	72.4	72.2	71.9	71.5	71.1	70.9
Agriculture	2,349	2,352	2,419	2,393	2,379	2,383	2,422	2,383	2,413	2,382	2,311	2,390
Nonagricultural industries	51,034	51,266	51,404	51,494	51,218	51,491	51,369	51,310	51,091	50,972	50,811	50,657
Unemployed	3,433	3,410	3,337	3,595	3,737	3,298	3,459	3,569	3,851	4,105	4,543	4,322
Unemployment rate	6.0	6.0	5.8	6.3	6.5	5.8	6.0	6.2	6.7	7.1	7.9	7.5
Not in labor force	15,135	15,009	14,985	14,772	15,265	15,300	15,333	15,408	15,440	15,462	15,355	15,752
Females, 20 years and over												
Total noninstitutional population [1]	81,107	81,221	81,333	81,453	81,583	81,711	81,822	81,945	82,074	82,193	82,306	82,415
Civilian noninstitutional population [1]	80,966	81,076	81,193	81,303	81,436	81,561	81,671	81,792	81,920	82,038	82,151	82,260
Civilian labor force	41,974	42,152	42,332	42,603	42,581	42,662	42,666	42,344	42,931	42,987	42,888	42,868
Percent of civilian population	51.8	52.0	52.1	52.4	52.3	52.3	52.2	51.8	52.3	52.4	52.2	52.1
Employed	39,211	39,365	39,536	39,737	39,757	39,810	39,841	39,426	39,318	39,378	39,213	39,764
Percent of total population	48.3	48.5	48.6	48.9	48.7	48.7	48.7	48.1	48.5	48.5	48.3	48.2
Agriculture	616	610	539	635	585	590	539	533	595	635	572	644
Nonagricultural industries	38,595	38,755	38,927	39,132	39,172	39,220	39,232	38,813	39,218	39,243	39,141	39,115
Unemployed	2,763	2,787	2,796	2,871	2,824	2,872	2,825	2,913	3,317	3,109	3,175	3,104
Unemployment rate	6.6	6.6	6.6	6.7	6.6	6.7	6.5	6.9	7.0	7.2	7.4	7.2
Not in labor force	38,992	38,924	38,861	38,700	38,853	38,879	39,005	39,448	39,089	39,051	39,263	39,392
Both sexes, 16-19 years												
Total noninstitutional population [1]	16,686	16,650	16,615	16,579	16,544	16,513	16,469	16,429	16,390	16,351	16,313	16,269
Civilian noninstitutional population [1]	16,363	16,341	16,335	16,273	16,249	16,213	16,169	16,131	16,093	16,037	15,995	15,955
Civilian labor force	9,244	9,184	9,238	9,236	8,759	8,834	8,902	8,888	8,925	8,826	8,631	8,643
Percent of civilian population	56.5	56.2	57.0	56.6	53.9	54.5	55.1	55.1	54.8	55.0	54.0	54.2
Employed	7,475	7,423	7,522	7,424	7,376	7,180	7,203	7,133	7,325	6,940	6,778	5,771
Percent of total population	44.8	44.6	45.3	44.8	42.8	43.5	43.8	43.5	42.3	42.4	41.6	41.6
Agriculture	381	381	442	413	384	369	373	367	369	355	325	373
Nonagricultural industries	7,094	7,042	7,080	7,011	6,992	6,811	6,830	6,772	6,956	6,585	5,452	6,398
Unemployed	1,769	1,761	1,766	1,782	1,683	1,654	1,699	1,743	1,901	1,886	1,853	1,872
Unemployment rate	19.1	19.2	19.3	19.4	19.2	18.7	19.0	19.7	20.4	21.4	21.5	21.7
Not in labor force	7,119	7,157	7,117	7,064	7,490	7,379	7,267	7,243	7,267	7,211	7,364	7,312

[1] The population and Armed Forces figures are not adjusted for seasonal variations.

NOTE: Detail for the household data shown in tables A-33 through A-42 will not necessarily add to totals, because of the independent seasonal adjustment of the various series.

A-34. Full- and part-time status of the civilian labor force, seasonally adjusted

(Numbers in thousands)

Full- and part-time status	1981										1982	
	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.
FULL TIME													
Total, 16 years and over													
Civilian labor force	92,209	92,349	92,925	93,324	92,525	92,971	92,773	92,881	93,359	93,607	93,356	93,129	93,421
Employed	85,672	85,996	86,383	86,693	85,949	86,506	86,378	86,044	86,155	86,062	85,729	85,324	85,523
Unemployed	6,537	6,353	6,542	6,631	6,577	6,465	6,400	6,757	7,204	7,545	8,127	7,805	7,897
Unemployment rate	7.1	7.1	6.9	7.1	7.1	6.8	6.9	7.3	7.7	8.1	8.7	8.4	8.5
PART TIME													
Total, 16 years and over													
Civilian labor force	15,701	15,751	15,950	15,868	15,924	15,808	16,371	15,652	15,590	15,721	15,399	15,853	15,832
Employed	14,268	14,319	14,499	14,353	14,462	14,337	14,525	14,160	14,198	14,125	13,982	14,337	13,951
Unemployed	1,433	1,432	1,451	1,518	1,462	1,471	1,846	1,502	1,392	1,596	1,417	1,515	1,881
Unemployment rate	9.1	9.1	9.2	9.6	9.2	9.3	9.6	9.6	8.9	10.2	9.2	9.6	11.9

NOTE: Persons on part-time schedules for economic reasons are included in the full-time employed category; unemployed persons are allocated by whether seeking full- or part-time work.

A-35. Employment status by race, sex, and age, seasonally adjusted

(Numbers in thousands)

Race, sex, and age	1981										1982	
	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.
WHITE													
Total, 16 years and over													
Civilian labor force	94,552	94,756	95,199	95,666	94,887	95,126	95,163	94,884	95,365	95,535	95,329	95,120	95,333
Employed	88,388	88,653	89,080	89,237	88,799	89,170	89,221	88,623	88,734	88,498	88,010	87,955	87,990
Unemployed	6,164	6,103	6,119	6,429	6,088	5,955	5,942	6,255	6,631	7,037	7,319	7,165	7,344
Unemployment rate	6.5	6.4	6.4	6.7	6.4	6.3	6.2	6.6	7.0	7.4	7.7	7.5	7.7
Males, 20 years and over													
Civilian labor force	50,344	50,505	50,718	50,923	50,633	50,598	50,731	50,712	50,811	50,881	50,948	50,757	50,812
Employed	47,633	47,814	48,070	48,092	47,939	48,157	48,153	47,948	47,790	47,649	47,449	47,410	47,430
Unemployed	2,711	2,691	2,648	2,828	2,694	2,541	2,651	2,764	3,021	3,232	3,499	3,347	3,382
Unemployment rate	5.4	5.3	5.2	5.5	5.3	5.0	5.2	5.5	5.9	6.4	6.9	6.6	6.7
Females, 20 years and over													
Civilian labor force	35,978	36,136	36,274	36,597	36,490	36,512	36,554	36,294	36,742	36,832	36,733	36,698	36,963
Employed	33,939	34,061	34,197	34,422	34,404	34,481	34,534	34,155	34,317	34,513	34,368	34,380	34,427
Unemployed	2,039	2,045	2,077	2,175	2,086	2,031	2,020	2,139	2,225	2,319	2,365	2,319	2,433
Unemployment rate	5.7	5.7	5.7	5.9	5.7	5.6	5.5	5.9	6.1	6.3	6.4	6.3	6.6
Both sexes, 16 to 19 years													
Civilian labor force	8,230	8,145	8,207	8,146	7,764	7,816	7,908	7,878	7,812	7,822	7,648	7,665	7,662
Employed	6,816	6,778	6,813	6,723	6,456	6,532	6,537	6,525	6,427	6,336	6,193	6,166	6,133
Unemployed	1,414	1,367	1,394	1,426	1,308	1,284	1,271	1,353	1,385	1,486	1,455	1,499	1,529
Unemployment rate	17.2	16.8	17.0	17.5	16.9	16.4	16.1	17.2	17.7	19.0	19.0	19.5	20.0
BLACK AND OTHER													
Total, 16 years and over													
Civilian labor force	13,476	13,586	13,633	13,649	13,565	13,539	13,532	13,617	13,697	13,757	13,773	13,704	13,857
Employed	11,697	11,742	11,827	11,781	11,643	11,572	11,628	11,607	11,611	11,661	11,610	11,532	11,653
Unemployed	1,779	1,844	1,806	1,868	1,922	1,967	2,009	2,010	2,086	2,096	2,163	2,072	2,204
Unemployment rate	13.2	13.6	13.2	13.7	14.2	13.8	14.7	14.9	15.2	15.2	15.7	15.1	15.9
Males, 20 years and over													
Civilian labor force	6,477	6,517	6,498	6,547	6,479	6,484	6,536	6,551	6,573	6,595	6,514	6,563	6,649
Employed	5,766	5,800	5,736	5,779	5,682	5,722	5,745	5,715	5,711	5,694	5,547	5,630	5,688
Unemployed	711	717	732	768	797	762	811	836	862	901	967	933	961
Unemployment rate	11.0	11.0	10.8	11.7	12.3	11.8	12.4	12.3	13.1	13.7	14.6	14.2	14.5
Females, 20 years and over													
Civilian labor force	5,981	5,932	6,057	6,041	6,081	5,962	6,087	6,085	6,196	6,147	6,163	6,152	6,153
Employed	5,274	5,285	5,337	5,305	5,340	5,321	5,313	5,281	5,301	5,359	5,355	5,338	5,338
Unemployed	707	747	720	736	741	741	774	804	795	788	808	764	825
Unemployment rate	11.8	12.4	11.9	12.2	12.2	12.2	12.7	13.2	13.0	12.8	13.1	12.4	13.4
Both sexes, 16 to 19 years													
Civilian labor force	1,018	1,037	1,078	1,061	1,005	993	989	981	1,028	1,015	996	989	1,055
Employed	657	657	694	697	621	629	565	611	599	608	608	614	627
Unemployed	361	380	384	364	384	364	423	370	429	407	388	375	417
Unemployment rate	35.5	36.6	35.6	34.3	38.2	36.7	42.8	37.7	41.7	40.1	39.0	37.9	39.9

HOUSEHOLD DATA
SEASONALLY ADJUSTED

A-36. Major unemployment indicators, seasonally adjusted

[Unemployment rates]

Category	1981											1982	
	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.
CHARACTERISTIC													
Total (all civilian workers)	7.4	7.3	7.3	7.5	7.4	7.4	7.3	7.5	8.0	8.3	8.9	8.5	8.9
Males, 20 years and over	6.0	6.0	5.8	6.3	6.1	5.8	6.0	6.2	6.7	7.1	7.9	7.5	7.9
Females, 20 years and over	6.3	6.6	6.6	6.7	6.5	6.7	6.6	6.9	7.0	7.2	7.4	7.2	7.5
Both sexes, 16-19 years	19.1	19.4	19.0	19.4	19.2	18.7	19.0	19.7	20.4	21.4	21.5	21.7	22.3
White	6.5	6.4	6.4	6.7	6.4	6.3	6.2	6.6	7.0	7.4	7.7	7.5	7.7
Black and other	13.2	13.6	13.2	13.7	14.2	13.8	14.7	14.8	15.2	15.2	15.7	15.1	15.9
Married men, spouse present	4.1	4.1	3.9	4.0	4.2	3.9	4.0	4.4	4.8	5.2	5.7	5.3	5.4
Married women, spouse present	5.8	5.9	5.9	5.8	5.7	5.7	5.5	5.9	6.1	6.5	6.6	6.2	7.3
Women who maintain families	9.8	9.8	9.9	10.4	10.7	11.2	10.1	10.7	10.6	10.8	10.5	10.4	11.2
Full-time workers	7.1	7.1	6.9	7.1	7.1	6.8	6.9	7.3	7.7	8.1	8.7	8.4	8.5
Part-time workers	9.1	9.1	9.2	9.5	9.2	9.3	9.6	9.5	9.5	10.2	9.2	9.6	10.3
Unemployed 15 weeks and over[1]	2.1	2.1	2.0	2.0	2.2	2.0	2.0	2.1	2.1	2.2	2.2	2.2	2.5
Labor force time lost[2]	8.2	8.2	8.2	8.6	7.9	7.9	7.9	8.5	9.1	9.5	10.1	10.0	9.3
OCCUPATION													
White-collar workers	3.8	3.9	4.0	4.0	3.9	4.0	3.9	4.1	4.1	4.2	4.5	4.2	4.5
Professional and technical	2.5	2.7	3.1	2.8	2.8	2.8	2.5	2.9	2.6	2.7	3.4	2.9	3.1
Managers and administrators, except farm	2.5	2.5	2.4	2.6	2.7	2.6	2.7	2.7	2.8	3.0	3.1	2.7	3.1
Sales workers	4.1	4.1	4.2	4.5	4.3	4.9	4.7	5.3	4.9	5.0	4.9	4.5	4.9
Clerical workers	5.4	5.7	5.5	5.5	5.4	5.7	5.7	5.3	6.0	6.0	6.2	6.3	6.7
Blue-collar workers	10.2	10.0	9.7	9.9	9.9	9.5	9.5	10.2	10.9	11.6	12.7	12.5	12.5
Craft and kindred workers	7.1	7.1	6.8	7.2	7.1	6.9	7.0	7.7	8.3	8.5	9.3	9.0	9.4
Operatives, except transport	12.1	11.7	11.6	11.8	11.1	11.1	11.1	11.5	12.8	14.1	15.5	15.4	15.4
Transport equipment operatives	8.6	9.1	8.1	8.2	8.1	7.3	8.0	8.7	9.0	10.4	10.5	10.2	10.3
Nonfarm laborers	14.9	14.2	14.0	13.5	14.7	14.4	13.2	14.6	15.6	16.0	16.9	16.9	17.9
Service workers	8.7	8.3	8.5	9.4	8.9	8.0	8.9	9.3	9.3	9.7	9.6	9.2	9.8
Farm workers	4.3	5.2	3.9	5.2	6.2	4.8	5.4	4.3	5.2	6.2	6.4	6.9	4.9
INDUSTRY													
Nonagricultural private wage and salary workers[3]	7.5	7.5	7.3	7.7	7.4	7.2	7.3	7.7	8.1	8.4	9.1	8.8	9.3
Construction	13.7	14.7	14.5	15.7	15.1	15.2	15.2	16.3	17.6	17.8	19.1	18.7	18.1
Manufacturing	8.5	8.1	7.6	7.8	7.6	7.3	7.3	7.9	8.6	9.4	11.0	10.4	10.5
Durable goods	8.7	8.0	7.5	7.4	7.1	7.1	6.5	7.7	8.6	9.5	11.8	11.0	11.3
Nondurable goods	8.3	8.3	7.8	8.6	7.9	7.6	7.9	8.3	8.6	9.3	9.6	9.5	9.5
Transportation	5.4	6.1	5.5	5.7	4.9	4.1	4.8	4.2	4.8	5.5	6.0	6.4	5.9
Wholesale and retail trade	7.7	7.6	7.5	8.3	7.7	7.9	7.9	8.5	8.4	8.6	8.9	8.7	9.0
Finance and service industries	5.9	5.6	5.8	5.8	5.3	5.7	5.7	6.0	6.2	6.1	6.4	5.9	6.5
Government workers	4.3	4.6	4.7	4.7	4.5	4.6	4.5	4.7	4.7	5.2	5.0	4.8	5.2
Agricultural wage and salary workers	11.9	12.1	9.4	11.0	13.3	10.7	12.0	11.0	13.4	14.1	14.8	16.2	12.8

[1] Unemployment as a percent of the civilian labor force.

[2] Aggregate hours lost by the unemployed and persons on part time for economic reasons as a percent of potentially available labor force hours.

[3] Includes mining, not shown separately.

A-37. Unemployed persons by duration of unemployment, seasonally adjusted

[Numbers in thousands]

Weeks of unemployment	1981											1982	
	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.
DURATION													
Less than 5 weeks	3,267	3,277	3,159	3,378	3,303	3,323	3,326	3,529	3,707	3,852	4,037	3,852	3,789
5 to 14 weeks	2,379	2,408	2,472	2,606	2,423	2,312	2,469	2,585	2,586	2,882	3,016	3,068	3,052
15 weeks and over	2,322	2,259	2,197	2,231	2,363	2,170	2,217	2,248	2,292	2,364	2,372	2,399	2,724
15 to 26 weeks	1,072	1,057	1,048	1,061	1,227	1,096	1,078	1,146	1,166	1,229	1,139	1,210	1,445
27 weeks and over	1,250	1,212	1,139	1,173	1,136	1,074	1,139	1,102	1,126	1,135	1,183	1,190	1,278
Average (mean) duration, in weeks	14.1	13.9	13.7	13.3	14.3	14.1	13.3	13.7	13.6	13.1	12.8	13.5	14.1
Median duration, in weeks	7.0	7.1	7.6	7.3	6.7	7.0	7.0	6.9	6.8	6.9	6.7	7.2	7.3
PERCENT DISTRIBUTION													
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5 weeks	41.0	41.2	40.6	41.1	40.8	42.6	41.5	42.2	42.7	42.3	42.8	41.3	39.5
5 to 14 weeks	29.9	30.3	31.5	31.7	30.0	29.6	30.8	30.9	30.9	31.7	32.0	32.9	31.9
15 weeks and over	29.1	28.5	27.9	27.2	29.2	27.8	27.7	26.9	26.4	26.0	25.2	25.7	28.5
15 to 26 weeks	13.5	13.3	13.4	12.9	15.2	14.0	13.5	13.7	13.4	13.5	12.6	13.0	15.1
27 weeks and over	15.7	15.2	14.5	14.2	14.0	13.8	14.2	13.2	13.0	12.5	12.6	12.8	13.4

A-38. Unemployment rates by sex and age, seasonally adjusted

Sex and age	1981											1982	
	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.
Total, 16 years and over	7.4	7.3	7.4	7.5	7.4	7.2	7.3	7.2	8.3	8.3	8.8	8.5	8.8
16 to 19 years	19.1	19.2	19.3	19.4	19.2	18.7	19.3	19.7	20.4	21.4	21.5	21.7	22.1
16 to 17 years	21.3	21.4	21.6	21.3	22.6	19.8	22.8	21.3	21.5	22.6	21.9	21.9	22.7
18 to 19 years	17.7	17.6	17.2	17.7	17.3	17.8	17.6	18.5	20.0	20.5	21.2	21.3	22.0
20 to 24 years	11.3	11.8	12.3	12.6	12.1	11.5	12.1	12.3	12.7	13.0	13.5	13.5	14.1
25 years and over	5.2	5.2	5.1	5.2	5.3	5.2	5.2	5.4	5.7	6.0	6.5	6.3	6.4
25 to 54 years	5.5	5.6	5.4	5.5	5.6	5.5	5.5	5.8	6.2	6.5	6.9	6.7	6.8
55 years and over	3.5	3.6	3.4	3.4	3.5	3.5	3.5	3.8	3.8	3.8	4.1	4.2	4.3
Males, 16 years and over	7.2	7.1	6.9	7.3	7.2	6.7	7.1	7.3	7.7	8.3	9.0	8.6	8.7
16 to 19 years	19.3	19.8	19.5	20.0	20.3	19.6	19.8	19.9	21.1	21.8	22.3	22.1	22.5
16 to 17 years	22.1	21.7	22.5	22.3	24.3	19.9	21.5	21.5	21.1	22.7	22.6	23.0	23.3
18 to 19 years	18.5	18.5	17.4	18.0	18.2	17.8	18.3	18.7	19.3	21.0	22.2	21.4	22.1
20 to 24 years	12.9	13.0	13.0	13.8	12.9	11.6	12.9	13.1	13.8	14.4	14.8	14.9	15.4
25 years and over	4.8	4.8	4.6	4.7	5.3	4.7	4.9	5.3	5.5	5.8	6.5	6.3	6.3
25 to 54 years	5.2	5.1	4.9	5.1	5.2	5.0	5.2	5.5	5.9	6.3	6.9	6.7	6.7
55 years and over	3.3	3.3	3.2	3.4	3.4	3.4	3.4	3.5	3.7	3.7	4.4	4.3	4.2
Females, 16 years and over	7.7	7.7	7.7	7.8	7.7	7.8	7.7	8.3	9.2	8.4	8.5	8.4	8.9
16 to 19 years	18.2	18.5	18.4	18.7	18.4	18.6	18.8	19.5	20.7	20.9	20.5	21.2	22.1
16 to 17 years	20.3	21.2	20.5	20.2	21.1	19.7	20.0	21.2	21.9	22.5	21.1	20.6	22.5
18 to 19 years	16.8	16.6	17.1	17.4	16.8	17.7	16.9	18.3	20.6	19.9	20.0	21.1	21.9
20 to 24 years	10.9	10.5	10.9	11.2	11.2	11.3	11.1	11.4	11.5	11.3	12.3	11.9	12.7
25 years and over	5.5	5.6	5.7	5.9	5.7	5.8	5.6	6.3	6.1	6.4	6.8	6.3	6.5
25 to 54 years	6.3	6.2	6.1	6.4	6.1	6.1	6.0	6.3	6.5	6.8	6.9	6.7	7.0
55 years and over	3.9	4.2	3.7	3.4	3.5	3.7	3.7	4.3	3.3	3.8	3.7	4.1	4.1

A-39. Unemployed persons by reason for unemployment, seasonally adjusted

Numbers in thousands

Reason for unemployment	1981											1982	
	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.
NUMBER OF UNEMPLOYED													
Both sexes, 16 years and over	4,050	3,989	3,958	4,032	4,171	3,967	4,105	4,426	4,571	4,905	5,383	5,235	5,151
Job losers	1,312	1,323	1,303	1,457	1,302	1,225	1,276	1,452	1,531	1,826	2,082	1,860	1,780
On layoff	2,738	2,666	2,655	2,675	2,871	2,742	2,833	2,974	2,942	3,079	3,301	3,345	3,413
Other job losers	911	931	933	1,304	896	926	879	921	975	916	923	835	964
Job leavers	2,020	2,059	2,044	2,106	2,039	2,078	2,334	2,058	2,178	2,339	2,284	2,079	2,277
Reentrants	943	988	988	956	973	940	971	977	1,302	996	1,321	1,355	1,100
New entrants													
PERCENT DISTRIBUTION													
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers	51.1	50.2	53.1	49.8	51.6	49.5	51.4	52.9	52.4	53.6	55.1	56.7	54.3
On layoff	16.6	16.6	16.5	16.3	16.1	15.7	15.0	17.3	18.7	19.9	21.4	20.3	19.3
Other job losers	34.6	33.5	33.6	33.0	35.5	33.8	35.4	35.5	33.7	33.6	34.6	36.5	35.9
Job leavers	11.5	11.3	11.4	12.4	11.1	11.9	11.3	11.3	11.2	11.0	9.7	9.1	10.2
Reentrants	25.5	26.0	25.9	25.3	25.2	25.6	25.5	24.6	25.0	25.5	23.5	22.7	24.0
New entrants	11.9	12.4	12.5	11.9	12.0	12.3	12.2	11.7	11.5	10.9	13.7	11.5	11.6
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE													
Job losers	3.7	3.7	3.6	3.7	3.8	3.6	3.9	4.1	4.2	4.5	4.9	4.8	4.7
Job leavers	.8	.8	.8	.9	.8	.9	.9	.8	.9	.8	.8	.8	.9
Reentrants	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.1	2.1	1.9	2.1
New entrants	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	1.0	1.0

HOUSEHOLD DATA
SEASONALLY ADJUSTED

A-40. Employed persons by sex and age, seasonally adjusted

(In thousands)

Sex and age	1981											1982	
	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	F
Total, 16 years and over	100,069	100,406	100,879	101,065	100,430	100,864	100,843	100,259	100,343	100,172	99,613	99,581	9
16 to 19 years	7,475	7,423	7,522	7,424	7,376	7,180	7,208	7,139	7,325	6,943	6,773	6,771	
16 to 17 years	2,997	2,976	3,012	2,949	2,739	2,835	2,843	2,835	2,769	2,758	2,703	2,705	
18 to 19 years	4,477	4,453	4,496	4,484	4,350	4,326	4,345	4,326	4,260	4,192	4,088	4,055	
20 to 24 years	14,137	14,166	14,179	14,178	14,094	14,264	14,194	14,265	14,273	13,970	13,935	13,816	1
25 years and over	78,429	78,807	79,183	79,462	79,330	79,404	79,453	79,328	79,228	79,202	78,861	78,963	7
25 to 54 years	63,940	64,246	64,563	64,793	64,754	64,930	65,014	64,876	64,829	64,868	64,567	64,722	6
55 years and over	14,474	14,552	14,596	14,649	14,542	14,335	14,431	14,372	14,377	14,337	14,332	14,282	1
Males, 16 years and over	57,331	57,531	57,792	57,793	57,279	57,640	57,551	57,471	57,266	57,051	56,725	56,629	5
16 to 19 years	3,948	3,913	3,972	3,939	3,682	3,766	3,760	3,778	3,762	3,697	3,603	3,582	
16 to 17 years	1,605	1,577	1,582	1,563	1,412	1,498	1,501	1,533	1,522	1,495	1,448	1,446	
18 to 19 years	2,347	2,343	2,374	2,379	2,260	2,261	2,257	2,265	2,241	2,208	2,163	2,134	
20 to 24 years	7,504	7,532	7,521	7,531	7,483	7,546	7,562	7,523	7,469	7,373	7,383	7,321	
25 years and over	45,843	46,097	46,333	46,374	46,168	46,253	46,244	46,153	46,046	45,940	45,709	45,686	4
25 to 54 years	37,038	37,274	37,452	37,563	37,448	37,507	37,565	37,519	37,406	37,364	37,092	37,127	3
55 years and over	8,792	8,825	8,841	8,814	8,729	8,736	8,679	8,658	8,621	8,590	8,608	8,582	
Females, 16 years and over	42,738	42,875	43,086	43,252	43,151	43,224	43,293	42,787	43,077	43,121	42,888	42,952	4
16 to 19 years	3,527	3,510	3,550	3,515	3,394	3,414	3,448	3,361	3,263	3,243	3,175	3,189	
16 to 17 years	1,392	1,399	1,430	1,406	1,297	1,337	1,339	1,303	1,247	1,273	1,255	1,259	
18 to 19 years	2,130	2,110	2,120	2,105	2,090	2,065	2,088	2,063	2,019	1,984	1,925	1,931	
20 to 24 years	6,633	6,634	6,657	6,647	6,611	6,618	6,632	6,553	6,629	6,597	6,555	6,495	
25 years and over	32,581	32,710	32,980	33,088	33,162	33,211	33,209	32,863	33,182	33,262	33,172	33,274	3
25 to 54 years	26,902	26,972	27,111	27,238	27,306	27,423	27,483	27,157	27,423	27,504	27,475	27,595	2
55 years and over	5,682	5,727	5,755	5,826	5,813	5,799	5,792	5,718	5,756	5,747	5,724	5,701	

A-41. Unemployed persons by sex and age, seasonally adjusted

(In thousands)

Sex and age	1981											1982	
	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb
Total, 16 years and over	7,965	7,958	7,939	8,248	8,034	7,829	7,973	8,236	8,669	9,100	9,571	9,298	9,
16 to 19 years	1,769	1,761	1,766	1,782	1,683	1,654	1,698	1,749	1,801	1,886	1,853	1,872	1,
16 to 17 years	810	812	828	799	731	699	746	772	757	808	759	760	
18 to 19 years	961	952	937	984	924	938	931	983	1,062	1,080	1,098	1,098	1,
20 to 24 years	1,916	1,896	1,933	2,047	1,962	1,847	1,949	1,972	2,359	2,088	2,168	2,161	2,
25 years and over	4,309	4,343	4,213	4,331	4,398	4,324	4,328	4,540	4,828	5,091	5,481	5,282	5,
25 to 54 years	3,768	3,793	3,683	3,871	3,845	3,786	3,819	4,013	4,255	4,536	4,804	4,649	4,
55 years and over	526	549	539	509	522	534	525	572	574	562	620	624	
Males, 16 years and over	4,419	4,375	4,309	4,571	4,415	4,171	4,385	4,505	4,798	5,133	5,578	5,338	5,
16 to 19 years	986	965	963	976	918	873	926	937	947	1,028	1,035	1,016	1,
16 to 17 years	455	436	459	442	445	372	411	421	408	438	424	433	
18 to 19 years	532	531	499	521	502	494	505	521	537	587	616	581	
20 to 24 years	1,108	1,121	1,122	1,206	1,136	1,005	1,123	1,131	1,194	1,245	1,279	1,284	1,
25 years and over	2,360	2,321	2,237	2,283	2,405	2,292	2,361	2,455	2,670	2,834	3,199	3,055	3,
25 to 54 years	2,042	2,020	1,927	2,001	2,065	1,990	2,067	2,173	2,346	2,522	2,762	2,662	2,
55 years and over	303	298	289	307	311	310	303	317	333	333	397	383	
Females, 16 years and over	3,546	3,583	3,599	3,677	3,589	3,653	3,593	3,733	3,871	3,967	3,993	3,960	4,
16 to 19 years	783	796	803	806	765	781	768	812	854	858	818	856	
16 to 17 years	355	376	369	357	346	327	335	351	349	370	335	327	
18 to 19 years	429	421	438	449	422	448	426	462	525	493	482	517	
20 to 24 years	808	775	817	841	836	842	829	841	863	843	890	877	
25 years and over	1,949	2,022	1,976	2,051	1,933	2,032	1,957	2,085	2,158	2,257	2,282	2,228	2,
25 to 54 years	1,726	1,773	1,756	1,870	1,780	1,796	1,752	1,837	1,909	2,014	2,042	1,987	2,
55 years and over	223	251	220	202	211	226	223	255	241	229	223	241	

A-42. Employed persons by selected social and economic categories, seasonally adjusted

(In thousands)

Category	1981											1982	
	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.
CHARACTERISTIC													
Total, 16 years and over	100069	100406	100378	101045	100430	100864	100843	100259	100343	100172	99,613	99,581	99,593
Married men, spouse present	38,944	39,036	39,186	39,123	38,930	38,961	38,961	38,855	38,746	38,553	38,342	38,234	38,255
Married women, spouse present	23,824	23,920	23,979	24,192	24,106	24,159	24,343	23,826	23,874	23,820	23,691	23,748	23,727
OCCUPATION													
White-collar workers	52,739	52,850	52,355	53,316	52,957	52,907	53,141	52,903	53,199	53,086	53,084	52,936	52,841
Professional and technical	16,185	16,219	16,178	16,093	16,413	16,364	16,621	16,598	16,581	16,657	16,774	16,803	16,512
Managers and administrators, except farm	11,629	11,725	11,616	11,488	11,411	11,578	11,463	11,533	11,516	11,461	11,424	11,391	11,253
Sales workers	6,397	6,372	6,290	6,562	6,513	6,373	6,490	6,441	6,400	6,418	6,450	6,520	6,584
Clerical workers	18,528	18,544	18,771	18,873	18,623	18,592	18,573	18,335	18,502	18,550	18,436	18,423	18,432
Blue-collar workers	31,193	31,288	31,685	31,796	31,539	31,580	31,611	31,266	30,953	30,683	30,344	30,203	30,309
Craft and kindred workers	12,684	12,826	12,925	12,911	12,749	12,787	12,724	12,514	12,406	12,411	12,446	12,370	12,454
Operatives, except transport	10,618	10,464	10,591	10,716	10,703	10,719	10,658	10,524	10,410	10,220	10,169	9,966	9,955
Transport equipment operatives	3,446	3,447	3,493	3,466	3,493	3,526	3,530	3,506	3,580	3,438	3,368	3,415	3,533
Nonfarm laborers	4,445	4,551	4,686	4,703	4,593	4,548	4,599	4,722	4,517	4,614	4,361	4,451	4,397
Service workers	13,347	13,478	13,468	13,470	13,214	13,526	13,282	13,391	13,525	13,670	13,639	13,739	13,612
Farm workers	2,728	2,730	2,826	2,748	2,710	2,727	2,753	2,743	2,770	2,802	2,663	2,817	2,737
MAJOR INDUSTRY AND CLASS OF WORKER													
Agriculture													
Wage and salary workers	1,389	1,331	1,563	1,499	1,437	1,495	1,501	1,461	1,502	1,436	1,352	1,377	1,426
Self-employed workers	1,637	1,638	1,561	1,654	1,684	1,593	1,538	1,643	1,531	1,641	1,602	1,674	1,596
Unpaid family workers	306	299	286	235	263	244	255	256	261	321	228	380	359
Nonagricultural industries													
Wage and salary workers	89,104	89,592	89,913	90,402	89,508	89,371	89,395	89,376	89,460	89,238	88,991	88,759	88,585
Government	15,875	15,930	15,885	15,776	15,707	15,637	15,526	15,475	15,491	15,397	15,585	15,578	15,527
Private industries	73,229	73,662	74,028	74,626	73,801	74,334	73,869	73,901	73,969	73,841	73,406	73,181	73,059
Private households	1,190	1,242	1,249	1,192	1,177	1,216	1,259	1,102	1,162	1,204	1,291	1,248	1,161
Other industries	72,039	72,420	72,779	73,434	72,624	73,118	73,210	72,799	72,807	72,637	72,115	71,932	71,898
Self-employed workers	7,080	7,055	7,153	6,966	7,128	7,371	7,133	7,217	7,152	7,141	7,057	6,971	7,055
Unpaid family workers	384	374	325	356	376	389	387	399	451	425	410	410	408
PERSONS AT WORK[1]													
Nonagricultural industries	91,287	91,405	91,394	91,745	91,500	92,532	91,569	93,873	91,384	91,323	90,922	90,125	90,392
Full-time schedules	74,482	74,453	74,259	74,871	74,693	75,620	74,467	73,794	73,886	73,915	73,360	72,803	73,028
Part-time for economic reasons	4,227	4,290	4,230	4,264	4,033	4,374	4,350	4,656	5,309	5,026	5,288	5,071	5,563
Usually work full-time	1,650	1,550	1,593	1,657	1,465	1,583	1,729	1,759	2,336	1,945	2,121	1,783	2,193
Usually work part-time	2,577	2,530	2,537	2,607	2,568	2,694	2,621	2,897	3,303	3,081	3,167	3,287	3,370
Part time for noneconomic reasons	12,578	12,562	12,535	12,613	12,774	12,538	12,752	12,423	12,489	12,382	12,274	12,251	12,303

[1] Excludes persons "with a job but not at work" during the survey period for such reasons as vacation, illness, or industrial dispute.

HOUSEHOLD DATA

A-43. Employment status of male Vietnam-era veterans and nonveterans by age

(Numbers in thousands)

Veteran status and age	Not seasonally adjusted									
	Civilian noninstitutional population		Civilian labor force				Unemployed			
			Total		Employed		Number		Percent of labor force	
	Feb. 1981	Feb. 1982	Feb. 1981	Feb. 1982	Feb. 1981	Feb. 1982	Feb. 1981	Feb. 1982	Feb. 1981	Feb. 1982
VETERANS										
Total, 25 years and over	8,406	8,660	7,993	8,181	7,483	7,462	510	719	6.4	8.
25 to 39 years	7,325	7,236	7,006	6,933	6,529	6,273	477	663	6.8	9.
25 to 29 years	1,571	1,326	1,456	1,215	1,293	1,043	161	172	11.1	14.
30 to 34 years	3,450	3,094	3,327	2,978	3,113	2,699	214	279	6.4	9.
35 to 39 years	2,304	2,816	2,225	2,740	2,123	2,528	102	212	4.6	7.
40 years and over	1,143	1,424	987	1,248	954	1,192	33	56	3.3	4.
NONVETERANS										
Total, 25 to 39 years	16,855	17,832	15,921	16,894	14,709	15,373	1,152	1,521	7.2	9.
25 to 29 years	7,738	8,053	7,257	7,596	6,543	6,745	714	851	8.5	11.
30 to 34 years	5,243	5,786	4,982	5,515	4,644	5,085	338	430	6.8	7.
35 to 39 years	3,874	3,993	3,682	3,783	3,492	3,543	223	240	5.4	6.

NOTE: Vietnam-era veterans are males who served in the Armed Forces between August 5, 1964 and May 7, 1975. Nonveterans are males who have never served in the Armed Forces; published data are limited to those 25 to 39 years of age, the group that most closely corresponds to the bulk of the Vietnam-era veteran population.

B-1. Employees on nonagricultural payrolls by industry division, 1930 to date

(In thousands)

Year and month	Total	Goods producing				Service-producing									
		Total	Mining	Construction	Manufacturing	Total	Transportation and public utilities	Wholesale and retail trade			Finance, insurance, and real estate	Services	Government		
								Total	Wholesale trade	Retail trade			Total	Federal	State and local
Annual averages															
1930	29,409	11,958	1,009	1,387	9,562	17,451	3,685	5,797	–	–	1,460	3,361	3,148	526	2,622
1931	26,635	10,272	873	1,229	8,170	16,363	3,254	5,284	–	–	1,392	3,169	3,264	560	2,704
1932	23,615	8,647	731	985	6,931	14,968	2,816	4,683	–	–	1,326	2,918	3,225	559	2,666
1933	23,699	8,965	746	824	7,397	14,734	2,672	4,755	–	–	1,280	2,861	3,166	565	2,601
1934	25,940	10,261	883	877	8,501	15,679	2,750	5,281	–	–	1,304	3,045	3,299	652	2,647
1935	27,039	10,893	897	927	9,069	16,146	2,786	5,431	–	–	1,320	3,128	3,481	753	2,728
1936	29,068	11,933	946	1,160	9,827	17,135	2,973	5,809	–	–	1,373	3,312	3,668	826	2,842
1937	31,011	12,936	1,015	1,127	10,794	18,075	3,134	6,265	–	–	1,417	3,503	3,756	833	2,923
1938	29,194	11,401	891	1,070	9,440	17,793	2,863	6,179	–	–	1,410	3,458	3,883	829	3,054
1939	30,603	12,297	854	1,165	10,278	18,306	2,936	6,426	1,762	4,664	1,447	3,502	3,995	905	3,090
1940	32,361	13,221	925	1,311	10,985	19,140	3,038	6,750	1,835	4,914	1,485	3,665	4,202	996	3,206
1941	36,539	15,963	957	1,814	13,192	20,574	3,274	7,210	1,960	5,251	1,525	3,905	4,660	1,340	3,320
1942	40,106	18,470	992	2,198	15,280	21,636	3,460	7,118	1,906	5,212	1,509	4,066	5,483	2,213	3,270
1943	42,434	20,114	925	1,587	17,602	22,320	3,647	6,982	1,822	5,160	1,481	4,130	6,080	2,905	3,175
1944	41,864	19,328	892	1,108	17,328	22,536	3,829	7,058	1,845	5,214	1,461	4,145	6,043	2,928	3,116
1945	40,374	17,507	836	1,147	15,524	22,867	3,906	7,314	1,949	5,365	1,481	4,222	5,944	2,808	3,137
1946	41,652	17,248	862	1,683	14,703	24,404	4,061	8,376	2,291	6,084	1,675	4,697	5,595	2,254	3,341
1947	43,857	18,509	955	2,009	15,545	25,348	4,166	8,955	2,471	6,485	1,728	5,025	5,474	1,892	3,582
1948	44,866	18,774	994	2,198	15,582	26,092	4,189	9,272	2,605	6,667	1,800	5,181	5,650	1,863	3,787
1949	43,754	17,565	930	2,194	14,441	26,189	4,001	9,264	2,602	6,662	1,828	5,240	5,856	1,908	3,948
1950	45,197	18,506	901	2,364	15,241	26,691	4,034	9,386	2,635	6,751	1,888	5,357	6,026	1,928	4,098
1951	47,819	19,959	929	2,637	16,393	27,860	4,226	9,742	2,727	7,015	1,956	5,547	6,389	2,302	4,087
1952	48,793	20,198	898	2,668	16,632	28,595	4,248	10,004	2,812	7,192	2,035	5,699	6,609	2,420	4,188
1953	50,202	21,076	866	2,659	17,549	29,128	4,290	10,247	2,854	7,393	2,111	5,835	6,645	2,305	4,340
1954	48,990	19,751	791	2,646	16,314	29,239	4,084	10,235	2,867	7,368	2,200	5,969	6,751	2,188	4,563
1955	50,641	20,513	792	2,839	16,882	30,128	4,141	10,535	2,926	7,610	2,298	6,240	6,914	2,187	4,727
1956	52,369	21,104	822	3,039	17,243	31,266	4,244	10,858	3,018	7,840	2,389	6,497	7,278	2,209	5,069
1957	52,853	20,964	828	2,962	17,174	31,889	4,241	10,886	3,028	7,858	2,438	6,708	7,616	2,217	5,399
1958	51,374	19,513	751	2,817	15,945	31,811	3,976	10,750	2,980	7,770	2,481	6,765	7,839	2,191	5,648
1959[1]	53,268	20,421	732	3,004	16,675	32,857	4,011	11,127	3,082	8,045	2,549	7,087	8,083	2,233	5,850
1960	54,189	20,434	712	2,926	16,796	33,755	4,004	11,391	3,143	8,248	2,629	7,378	8,353	2,270	6,083
1961	53,999	19,857	672	2,859	16,326	34,142	3,903	11,337	3,133	8,204	2,688	7,620	8,594	2,279	6,315
1962	55,549	20,451	650	2,948	16,853	35,098	3,906	11,566	3,198	8,368	2,754	7,982	8,890	2,340	6,550
1963	56,653	20,640	635	3,010	16,995	36,013	3,903	11,778	3,248	8,530	2,830	8,277	9,225	2,358	6,868
1964	58,283	21,005	634	3,097	17,274	37,278	3,951	12,160	3,337	8,823	2,911	8,660	9,596	2,348	7,248
1965	60,765	21,926	632	3,232	18,062	38,839	4,036	12,716	3,466	9,250	2,977	9,036	10,074	2,378	7,696
1966	63,901	23,158	627	3,317	19,214	40,743	4,158	13,245	3,597	9,648	3,058	9,498	10,784	2,564	8,220
1967	65,803	23,308	613	3,248	19,447	42,495	4,268	13,606	3,689	9,917	3,185	10,045	11,391	2,719	8,672
1968	67,897	23,737	606	3,350	19,781	44,160	4,316	14,099	3,779	10,320	3,337	10,567	11,839	2,737	9,102
1969	70,384	24,361	619	3,575	20,167	46,023	4,442	14,705	3,907	10,798	3,512	11,169	12,195	2,758	9,437
1970	70,880	23,578	623	3,588	19,367	47,302	4,515	15,040	3,993	11,047	3,645	11,548	12,554	2,731	9,823
1971	71,214	22,935	609	3,704	18,623	48,278	4,476	15,352	4,001	11,351	3,772	11,797	12,881	2,696	10,185
1972	73,675	23,668	628	3,889	19,151	50,007	4,541	15,949	4,113	11,836	3,908	12,276	13,334	2,684	10,649
1973	76,790	24,893	642	4,097	20,154	51,897	4,656	16,607	4,277	12,329	4,046	12,857	13,732	2,663	11,068
1974	78,265	24,794	697	4,020	20,077	53,471	4,725	16,987	4,433	12,554	4,148	13,441	14,170	2,724	11,446
1975	76,945	22,600	752	3,525	18,323	54,345	4,542	17,060	4,415	12,645	4,165	13,892	14,686	2,748	11,937
1976	79,382	23,352	779	3,576	18,997	56,030	4,582	17,755	4,546	13,209	4,271	14,551	14,871	2,733	12,138
1977	82,471	24,346	813	3,851	19,682	58,125	4,713	18,516	4,708	13,808	4,467	15,303	15,127	2,727	12,399
1978	86,697	25,585	851	4,229	20,505	61,113	4,923	19,542	4,969	14,573	4,724	16,252	15,672	2,753	12,919
1979	89,823	26,461	958	4,463	21,040	63,363	5,136	20,192	5,204	14,989	4,975	17,112	15,947	2,773	13,174
1980	90,564	25,718	1,020	4,399	20,300	64,847	5,143	20,386	5,281	15,104	5,168	17,901	16,249	2,866	13,383
1981	91,543	25,672	1,104	4,307	20,261	65,871	5,151	20,738	5,343	15,395	5,331	18,598	16,054	2,772	13,282
Monthly data, seasonally adjusted															
1981:															
February	91,258	25,657	1,091	4,389	20,177	65,601	5,135	20,600	5,313	15,287	5,283	18,343	16,240	2,795	13,445
March	91,347	25,705	1,098	4,416	20,191	65,642	5,139	20,635	5,316	15,319	5,293	18,371	16,204	2,781	13,423
April	91,458	25,700	950	4,418	20,332	65,758	5,161	20,636	5,333	15,303	5,316	18,475	16,170	2,767	13,403
May	91,564	25,705	957	4,334	20,414	65,859	5,148	20,714	5,346	15,368	5,326	18,540	16,131	2,779	13,352
June	91,615	25,818	1,110	4,284	20,424	65,797	5,149	20,717	5,349	15,368	5,331	18,560	16,040	2,781	13,259
July	91,880	25,939	1,132	4,272	20,535	65,941	5,167	20,796	5,360	15,436	5,344	18,642	15,992	2,777	13,215
August	91,901	25,931	1,151	4,275	20,505	65,970	5,170	20,862	5,375	15,487	5,358	18,667	15,917	2,770	13,147
September	92,033	25,930	1,162	4,272	20,496	66,103	5,186	20,872	5,370	15,502	5,366	18,774	15,905	2,765	13,140
October	91,832	25,662	1,162	4,259	20,241	66,170	5,168	20,916	5,360	15,556	5,363	18,788	15,938	2,759	13,179
November	91,522	25,418	1,172	4,229	20,017	66,104	5,147	20,838	5,363	15,475	5,355	18,838	15,926	2,788	13,178
December	91,113	25,104	1,175	4,193	19,736	66,009	5,122	20,735	5,336	15,399	5,366	18,856	15,930	2,741	13,189
1982:															
January-P	90,839	24,764	1,168	4,068	19,528	66,075	5,120	20,843	5,324	15,519	5,361	18,849	15,902	2,738	13,164
February-P	90,936	24,789	1,161	4,146	19,482	66,147	5,114	20,905	5,324	15,581	5,362	18,902	15,864	2,731	13,133

[1] Data include Alaska and Hawaii beginning 1959. This inclusion has resulted in an increase of 212,000 (0.4 percent) in the nonagricultural total for the March 1959 benchmark month.

p = preliminary.

NOTE: Data from April 1980 forward are subject to revision when more recent benchmark data are introduced. See "Benchmark adjustment" in the Explanatory notes of this publication.

ESTABLISHMENT DATA
EMPLOYMENT

B-2. Employees on nonagricultural payrolls by industry

[In thousands]

1972 SIC Code	Industry	All employees					Production workers[1]				
		Avg. 1981	Jan. 1981	Dec. 1981	Jan. 1982P	Feb. 1982P	Avg. 1981	Jan. 1981	Dec. 1981	Jan. 1982P	Feb. 1982P
	TOTAL	91,543	89,988	91,932	89,760	89,863	-	-	-	-	-
	PRIVATE SECTOR	75,493	73,772	75,803	73,870	73,779	61,209	59,760	61,390	59,506	59,450
	MINING	1,134	1,066	1,166	1,150	1,141	812	787	857	839	829
10	METAL MINING	101.8	103.1	96.9	93.3	-	76.7	78.2	72.9	69.7	-
101	Iron ores	21.8	21.5	19.6	21.2	-	17.0	16.8	15.1	16.7	-
102	Copper ores	36.2	36.6	35.8	32.5	-	27.9	28.5	27.3	24.8	-
11, 12	COAL MINING	226.7	250.7	257.7	255.1	-	187.5	206.5	213.9	211.6	-
12	BITUMINOUS COAL AND LIGNITE MINING	223.4	247.3	254.3	251.7	-	184.5	203.4	210.8	208.5	-
13	OIL AND GAS EXTRACTION	657.2	632.1	699.3	700.8	-	457.7	419.6	485.5	483.9	-
131, 2	Crude petroleum, natural gas, and natural gas liquids	256.6	236.9	270.1	270.9	-	112.8	105.4	116.9	116.2	-
138	Oil and gas field services	400.6	365.2	429.2	429.9	-	344.9	314.2	368.6	367.7	-
14	NONMETALLIC MINERALS, EXCEPT FUELS	117.8	109.8	111.6	100.3	-	90.1	82.9	84.2	73.8	-
142	Crushed and broken stone	35.8	32.5	32.9	27.6	-	29.1	26.1	26.3	20.9	-
144	Sand and gravel	33.9	30.8	31.0	26.3	-	-	-	-	-	-
147	Chemical and fertilizer minerals	27.1	26.9	26.5	26.5	-	-	-	-	-	-
	CONSTRUCTION	4,307	3,995	4,155	3,706	3,686	3,351	3,053	3,201	2,762	2,745
15	GENERAL BUILDING CONTRACTORS	1,173.0	1,111.0	1,119.8	1,001.2	-	882.8	820.4	836.4	721.7	-
152	Residential building construction	587.0	545.5	556.0	490.3	-	426.0	386.9	398.7	337.2	-
153	Operative builders	59.2	61.1	52.1	50.4	-	32.6	33.6	27.4	25.5	-
154	Nonresidential building construction	526.8	504.4	511.7	460.5	-	424.1	399.9	410.3	359.0	-
16	HEAVY CONSTRUCTION CONTRACTORS	880.7	761.1	835.6	701.3	-	706.9	590.0	659.3	533.2	-
161	Highway and street construction	234.7	182.0	202.5	144.8	-	195.6	144.6	165.2	109.4	-
162	Heavy construction, except highway	646.0	579.1	633.1	556.5	-	511.4	445.4	494.1	423.8	-
17	SPECIAL TRADE CONTRACTORS	2,253.6	2,123.0	2,199.1	2,003.0	-	1,760.7	1,642.5	1,705.3	1,507.2	-
171	Plumbing, heating, air conditioning	545.5	539.6	541.5	523.8	-	403.7	401.3	398.4	381.8	-
172	Painting, paper hanging, decorating	139.5	119.8	132.2	117.1	-	115.0	96.1	108.2	93.1	-
173	Electrical work	415.8	411.6	417.0	399.0	-	320.4	317.0	322.0	303.2	-
174	Masonry, stonework, and plastering	358.7	334.3	343.8	297.1	-	305.2	282.9	289.6	242.3	-
175	Carpentering and flooring	126.5	119.3	118.0	106.0	-	98.3	87.9	85.5	73.7	-
176	Roofing and sheet metal work	157.7	146.3	159.7	138.4	-	134.5	114.0	135.5	104.0	-
	MANUFACTURING	20,251	20,075	19,804	19,440	19,385	14,083	13,975	13,583	13,267	13,263
24, 25, 32-39	DURABLE GOODS	12,135	12,072	11,786	11,572	11,531	8,316	8,305	7,941	7,754	7,738
20-23, 26-31	NONDURABLE GOODS	8,125	8,003	8,018	7,868	7,854	5,765	5,670	5,642	5,513	5,522
	DURABLE GOODS										
24	LUMBER AND WOOD PRODUCTS	679.3	674.6	618.8	598.8	603.5	564.7	561.6	505.8	487.0	494.9
241	Logging camps and logging contractors	83.6	80.1	79.1	72.2	-	65.6	62.8	61.1	53.6	-
242	Sawmills and planing mills	207.3	207.6	187.5	181.3	-	182.9	182.9	163.8	157.7	-
2421	Sawmills and planing mills, general	172.3	171.8	155.0	150.0	-	152.6	151.9	135.9	131.2	-
2426	Hardwood dimension and flooring	30.3	30.5	28.1	27.2	-	26.2	26.3	24.0	23.2	-
243	Millwork, plywood, and structural members	201.8	205.9	181.2	179.4	-	166.2	170.3	146.4	144.8	-
2431	Millwork	70.5	72.2	63.3	63.0	-	56.4	58.1	49.4	49.1	-
2434	Wood kitchen cabinets	48.4	48.9	43.7	43.2	-	38.7	39.5	34.0	33.3	-
2435	Hardwood veneer and plywood	26.6	26.3	24.5	24.3	-	23.4	23.1	21.5	21.0	-
2436	Softwood veneer and plywood	41.4	42.8	36.8	36.6	-	36.8	37.9	32.3	32.4	-
244	Wood containers	42.1	41.4	39.3	38.3	-	36.0	35.7	33.1	31.8	-
245	Wood buildings and mobile homes	64.8	60.7	56.5	53.3	-	47.4	44.3	39.6	37.2	-
2451	Mobile homes	46.8	43.2	41.4	39.4	-	35.6	32.8	30.4	28.9	-
249	Miscellaneous wood products	79.7	78.9	75.2	74.5	-	66.5	65.6	61.8	61.9	-
25	FURNITURE AND FIXTURES	476.6	469.6	471.1	462.0	456.5	384.2	379.1	377.1	368.2	363.9
251	Household furniture	310.3	308.3	304.6	296.5	-	259.7	258.7	253.1	245.9	-
2511	Wood household furniture	140.7	139.9	137.9	133.7	-	122.1	121.5	119.0	115.5	-
2512	Upholstered household furniture	96.8	95.5	95.4	91.8	-	79.1	78.3	77.0	73.8	-
2514	Metal household furniture	30.2	30.9	30.9	31.0	-	24.5	25.3	24.9	25.1	-
2515	Mattresses and bedsprings	29.7	29.3	27.9	27.6	-	22.8	22.5	21.2	20.7	-
252	Office furniture	51.7	50.4	52.6	52.3	-	40.4	39.6	41.0	40.4	-
253	Public building and related furniture	24.6	23.5	24.9	25.1	-	18.5	17.4	18.6	18.5	-
254	Partitions and fixtures	61.8	60.3	60.3	59.4	-	46.1	44.7	44.7	43.7	-
259	Miscellaneous furniture and fixtures	28.2	27.1	28.7	28.7	-	19.6	18.7	19.7	19.7	-

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry — Continued

(In thousands)

1972 SIC Code	Industry	All employees					Production workers[1]				
		Avg. 1981	Jan. 1981	Dec. 1981	Jan. 1982P	Feb. 1982P	Avg. 1981	Jan. 1981	Dec. 1981	Jan. 1982P	Feb. 1982P
32	STONE, CLAY, AND GLASS PRODUCTS	650.2	635.0	619.6	591.7	585.9	500.3	486.4	470.8	444.7	440.7
321	Flat glass	18.8	19.6	14.9	16.8	-	14.4	14.9	10.8	12.7	-
322	Glass and glassware, pressed or blown	122.8	121.0	118.6	117.5	-	103.8	101.6	100.1	99.3	-
3221	Glass containers	58.0	66.7	65.1	64.3	-	59.6	58.1	56.9	56.8	-
3229	Pressed and blown glass, nec	54.8	54.3	53.5	52.7	-	44.1	43.5	43.2	42.5	-
323	Products of purchased glass	47.3	46.6	45.7	45.3	-	32.2	32.4	30.2	29.7	-
324	Cement, hydraulic	29.3	29.2	27.8	26.8	-	23.2	22.9	22.0	20.9	-
325	Structural clay products	43.2	43.1	39.0	37.4	-	32.5	32.4	28.8	27.0	-
326	Pottery and related products	44.2	44.9	42.0	39.4	-	36.3	37.1	34.3	31.8	-
327	Concrete, gypsum, and plaster products	191.9	183.0	180.5	162.3	-	147.1	137.7	137.1	119.6	-
3271	Concrete block and brick	19.7	19.1	18.7	17.5	-	13.5	12.9	12.6	11.4	-
3272	Concrete products, nec	62.6	60.9	59.9	55.7	-	46.7	45.1	44.5	40.4	-
3273	Ready-mixed concrete	89.4	82.7	82.5	70.0	-	70.6	63.3	64.5	52.4	-
329	Misc. nonmetallic mineral products	140.8	136.8	138.9	135.3	-	101.0	98.7	97.5	95.0	-
3291	Abrasive products	29.3	28.7	29.3	28.5	-	19.8	19.4	19.3	18.9	-
3292	Asbestos products	17.3	17.1	17.0	16.4	-	13.3	13.3	12.8	12.3	-
3296	Mineral wool	31.9	31.9	31.1	30.8	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES	1,128.2	1,136.7	1,058.0	1,039.1	1,028.3	866.5	877.1	799.5	783.1	775.9
331	Blast furnace and basic steel products	506.2	509.6	470.9	458.8	-	391.8	395.8	357.2	348.3	-
3312	Blast furnaces and steel mills	423.5	427.6	393.5	383.7	-	328.8	333.6	299.2	292.5	-
3317	Steel pipe and tubes	31.9	31.1	30.2	29.3	-	24.7	23.9	22.9	22.0	-
332	Iron and steel foundries	233.4	205.0	185.1	186.5	-	152.2	164.5	144.6	146.4	-
3321	Gray iron foundries	124.0	124.4	110.5	112.6	-	100.9	101.4	88.1	90.5	-
3322	Malleable iron foundries	15.2	15.3	13.4	13.6	-	11.7	11.8	10.1	10.2	-
3325	Steel foundries, nec	52.8	53.3	50.0	49.3	-	41.5	42.5	38.9	38.4	-
333	Primary nonferrous metals	70.9	72.1	67.7	67.2	-	53.2	54.4	50.1	49.2	-
3334	Primary aluminum	36.2	37.3	33.2	32.9	-	27.9	28.8	25.1	24.6	-
335	Nonferrous rolling and drawing	206.0	209.1	198.5	193.3	-	147.4	150.7	141.8	135.8	-
3351	Copper rolling and drawing	29.4	29.2	27.8	27.2	-	22.0	21.8	20.7	20.1	-
3353	Aluminum sheet, plate, and foil	33.9	34.7	31.7	30.1	-	26.0	26.7	24.6	22.8	-
3357	Nonferrous wire drawing and insulating	86.5	88.0	85.5	82.7	-	52.3	64.0	61.1	57.9	-
336	Nonferrous foundries	90.7	89.6	86.5	84.9	-	73.1	72.5	68.9	67.2	-
3361	Aluminum foundries	51.7	51.7	49.0	47.6	-	42.6	42.9	39.9	38.5	-
34	FABRICATED METAL PRODUCTS	1,583.5	1,580.2	1,532.8	1,502.8	1,493.5	1,157.6	1,167.5	1,116.4	1,087.5	1,083.4
341	Metal cans and shipping containers	71.5	71.7	67.2	58.2	-	60.6	60.1	56.5	57.5	-
3411	Metal cans	58.8	59.1	55.0	56.1	-	50.4	50.0	46.9	48.0	-
342	Cutlery, hand tools, and hardware	167.3	167.3	161.3	157.3	-	128.3	129.1	121.1	117.6	-
3423,5	Hand and edge tools, and hand saws and blades	58.5	58.4	57.6	56.3	-	44.7	45.1	43.9	42.8	-
3429	Hardware, nec	95.0	94.2	89.5	87.6	-	72.7	72.2	66.9	64.8	-
343	Plumbing and heating, except electric	58.3	58.0	58.0	56.3	-	48.7	48.4	48.1	45.6	-
3432	Plumbing fittings and brass goods	24.3	23.1	24.7	24.7	-	19.5	18.4	19.7	19.4	-
3433	Heating equipment, except electric	32.9	33.8	32.8	31.4	-	21.8	22.2	21.6	19.9	-
344	Fabricated structural metal products	498.7	503.1	487.1	474.8	-	339.8	344.8	328.3	318.1	-
3441	Fabricated structural metal	95.9	97.9	95.0	92.0	-	58.6	70.7	67.7	65.3	-
3442	Metal doors, sash, and trim	77.8	78.9	73.0	71.8	-	56.4	57.5	51.9	50.7	-
3443	Fabricated plate work (boiler shops)	147.7	149.5	145.3	142.2	-	89.6	91.6	87.3	84.6	-
3444	Sheet metal work	109.7	109.2	108.1	105.4	-	79.7	79.3	77.7	75.6	-
3446	Architectural metal work	31.9	32.4	30.9	30.6	-	22.4	22.8	21.4	21.2	-
345	Screw machine products, bolts, etc.	103.0	103.6	99.1	96.8	-	79.3	80.0	75.7	73.3	-
3451	Screw machine products	48.9	48.8	47.5	46.6	-	39.7	39.6	38.0	36.9	-
3452	Bolts, nuts, rivets, and washers	54.1	54.8	51.6	50.2	-	39.6	40.4	37.7	36.4	-
346	Metal forgings and stampings	255.0	255.0	236.5	229.8	-	201.4	199.8	184.7	177.3	-
3462	Iron and steel forgings	44.3	44.2	41.9	39.9	-	34.3	33.9	32.4	30.4	-
3465	Automotive stampings	91.1	90.2	80.9	77.1	-	75.2	73.4	66.2	62.3	-
3469	Metal stampings, nec	107.3	107.8	101.9	101.0	-	82.3	82.5	77.0	75.5	-
347	Metal services, nec	103.6	100.8	101.2	99.9	-	83.3	81.0	80.7	79.6	-
3471	Plating and polishing	70.0	68.4	67.3	66.5	-	57.2	55.7	54.7	54.0	-
3479	Metal coating and allied services	33.7	32.4	33.9	33.4	-	26.1	25.3	26.0	25.6	-
348	Ordnance and accessories, nec	50.2	59.7	61.1	51.3	-	38.8	39.6	39.1	39.3	-
3483	Ammunition, exc. for small arms, nec	25.2	25.4	25.4	25.4	-	16.4	17.6	16.0	16.2	-
349	Misc. fabricated metal products	255.7	251.0	251.3	247.9	-	187.5	184.7	182.2	179.2	-
3494	Valves and pipe fittings	104.3	102.7	103.9	103.3	-	71.2	70.4	70.1	69.5	-
3496	Misc. fabricated wire products	55.6	54.2	54.5	53.1	-	43.2	42.3	41.9	40.2	-
35	MACHINERY, EXCEPT ELECTRICAL	2,512.6	2,496.9	2,495.4	2,461.5	2,458.1	1,591.8	1,588.8	1,563.7	1,535.7	1,532.8
351	Engines and turbines	133.3	133.1	131.8	130.4	-	86.3	86.3	85.1	83.9	-
3511	Turbines and turbine generator sets	41.0	41.0	40.9	40.3	-	21.8	22.0	22.2	21.5	-
3519	Internal combustion engines, nec	92.3	92.1	90.9	90.1	-	64.5	64.3	62.9	62.4	-
352	Farm and garden machinery	164.9	174.2	156.8	152.2	-	110.4	116.8	104.1	99.8	-
3523	Farm machinery and equipment	142.0	149.8	131.4	125.2	-	93.9	99.0	85.3	79.4	-
353	Construction and related machinery	339.5	388.7	405.1	396.2	-	261.6	253.2	263.8	255.2	-
3531	Construction machinery	145.4	142.1	143.7	136.7	-	96.4	94.3	93.7	86.3	-

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry—Continued

(In thousands)

1972 SIC Code	Industry	All employees					Production workers[1]				
		Avg. 1981	Jan. 1981	Dec. 1981	Jan. 1982P	Feb. 1982P	Avg. 1981	Jan. 1981	Dec. 1981	Jan. 1982P	Feb. 1982P
	MACHINERY, EXCEPT ELECTRICAL—Continued										
3532	Mining machinery	37.7	38.2	37.6	36.4	-	23.4	23.7	23.3	22.3	-
3533	Oil field machinery	109.9	101.8	117.2	117.7	-	76.4	69.9	82.2	82.8	-
3535	Conveyors and conveying equipment	34.2	34.6	34.4	33.5	-	19.3	19.3	19.2	18.4	-
3537	Industrial trucks and tractors	36.1	36.3	35.1	34.6	-	23.7	23.9	22.2	22.1	-
354	Metalworking machinery	360.6	365.4	354.9	349.0	-	260.1	265.1	254.0	248.3	-
3541	Machine tools, metal cutting types	78.8	80.7	75.1	73.1	-	51.0	53.2	47.6	46.2	-
3542	Machine tools, metal forming types	25.7	26.1	25.8	25.0	-	16.1	16.5	16.3	15.7	-
3544	Special dies, tools, jigs, and fixtures	134.7	134.7	133.4	132.3	-	106.9	107.1	105.2	104.0	-
3545	Machine tool accessories	48.3	48.8	48.1	47.3	-	48.3	48.7	47.7	47.1	-
3546	Power driven hand tools	29.3	30.8	28.3	27.1	-	22.5	23.7	21.3	19.9	-
355	Special industry machinery	202.8	206.3	196.0	193.9	-	127.9	130.6	122.5	120.7	-
3551	Food products machinery	44.1	45.6	42.8	42.5	-	28.3	29.1	27.1	27.0	-
3552	Textile machinery	25.0	26.2	24.0	23.6	-	17.3	18.3	16.5	16.2	-
3555	Printing trades machinery	42.8	42.5	42.9	42.9	-	26.6	26.3	26.5	26.4	-
356	General industrial machinery	313.5	314.8	308.0	303.3	-	202.6	203.4	197.8	194.3	-
3561	Pumps and pumping equipment	62.6	61.7	62.4	61.6	-	36.6	35.5	36.5	36.5	-
3562	Ball and roller bearings	55.6	57.6	53.2	51.7	-	42.9	44.8	40.7	39.4	-
3563	Air and gas compressors	30.1	30.3	29.9	29.8	-	17.9	18.0	17.6	17.2	-
3564	Blowers and fans	40.1	40.4	38.6	37.7	-	25.3	25.1	23.8	23.5	-
3566	Speed changers, drives, and gears	26.9	26.2	26.7	26.1	-	17.8	17.3	17.5	17.0	-
3568	Power transmission equipment, nec	21.8	21.3	21.5	21.5	-	15.4	14.9	15.2	15.1	-
357	Office and computing machines	454.3	443.8	467.4	465.1	-	184.9	184.1	187.2	187.4	-
3573	Electronic computing equipment	375.3	361.1	393.5	393.3	-	142.6	140.5	146.8	147.8	-
358	Refrigeration and service machinery	180.9	177.5	176.6	173.6	-	125.9	122.3	121.9	119.3	-
3585	Refrigeration and heating equipment	123.6	121.8	119.2	117.3	-	86.8	84.7	82.8	81.4	-
359	Misc. machinery, except electrical	303.0	296.1	298.8	298.2	-	232.2	227.0	227.3	226.8	-
3592	Carburetors, pistons, rings, valves	41.5	40.1	37.5	38.5	-	33.4	32.3	26.7	29.4	-
3599	Machinery, except electrical, nec	251.5	256.0	261.3	259.7	-	198.8	194.7	198.6	196.9	-
36	ELECTRIC AND ELECTRONIC EQUIPMENT	2,133.9	2,114.0	2,104.1	2,089.4	2,087.9	1,338.2	1,329.9	1,293.8	1,282.8	1,283.7
361	Electric distributing equipment	120.6	120.1	119.8	117.5	-	85.4	84.2	84.8	83.3	-
3612	Transformers	52.3	51.6	52.4	51.1	-	36.9	35.8	37.0	36.4	-
3613	Switchgear and switchboard apparatus	68.3	68.5	67.4	66.4	-	48.5	48.4	47.8	46.9	-
362	Electrical industrial apparatus	238.3	235.4	232.4	229.6	-	159.3	166.6	164.1	162.0	-
3621	Motors and generators	122.2	121.4	119.0	117.5	-	93.7	92.7	90.9	89.5	-
3622	Industrial controls	70.5	70.4	68.5	68.1	-	43.4	43.6	41.6	41.2	-
363	Household appliances	156.0	168.4	138.1	138.5	-	131.2	139.5	101.8	103.4	-
3632	Household refrigerators and freezers	36.1	35.6	24.4	26.8	-	29.3	29.3	17.3	19.4	-
3633	Household laundry equipment	20.3	20.8	16.0	17.2	-	15.9	16.5	11.3	12.5	-
3634	Electric housewares and fans	52.2	51.3	49.8	47.0	-	41.9	41.5	38.9	36.5	-
364	Electric lighting and wiring equipment	209.5	206.3	205.4	204.3	-	154.3	153.0	149.5	148.7	-
3641	Electric lamps	34.2	35.2	33.3	35.2	-	29.9	31.1	29.3	31.2	-
3643	Current carrying wiring devices	89.6	86.6	89.4	88.1	-	60.8	59.5	59.5	58.4	-
3644	Noncurrent carrying wiring devices	22.9	22.6	22.3	21.7	-	16.6	16.2	16.2	15.7	-
3645	Residential lighting fixtures	25.2	24.8	23.9	23.2	-	19.1	18.7	17.9	17.1	-
365	Radio and TV receiving equipment	139.6	108.8	106.5	105.2	-	77.7	77.7	73.9	73.0	-
3651	Radio and TV receiving sets	87.4	86.6	84.6	84.5	-	60.1	60.4	57.0	57.3	-
366	Communication equipment	545.4	542.6	552.8	551.0	-	263.1	263.3	264.1	262.1	-
3661	Telephone and telegraph apparatus	153.2	158.6	149.3	146.1	-	101.9	105.8	99.2	96.9	-
3662	Radio and TV communication equipment	392.2	384.0	403.5	404.9	-	161.2	157.5	164.9	165.3	-
367	Electronic components and accessories	575.4	565.8	583.0	579.5	-	334.7	329.4	337.6	334.0	-
3671,3	Electronic tubes	43.5	43.2	43.0	42.4	-	26.7	26.7	25.9	25.9	-
3674	Semiconductors and related devices	235.9	236.0	236.9	236.6	-	96.9	98.0	95.8	94.9	-
3679	Electronic components, nec	222.8	216.0	230.1	228.5	-	155.1	150.2	160.2	158.3	-
369	Misc. electrical equipment and supplies	168.9	166.6	166.1	163.7	-	122.4	121.2	118.0	116.3	-
3691	Storage batteries	32.9	32.8	35.0	34.3	-	25.7	26.1	27.5	26.5	-
3694	Engine electrical equipment	80.2	79.1	74.7	73.2	-	61.6	60.3	56.2	54.9	-
37	TRANSPORTATION EQUIPMENT	1,837.8	1,854.9	1,755.7	1,719.4	1,718.3	1,170.3	1,199.3	1,094.2	1,063.4	1,063.9
371	Motor vehicles and equipment	723.2	732.5	664.0	638.1	-	538.3	545.0	486.1	461.4	-
3711	Motor vehicles and car bodies	312.9	321.8	281.6	264.3	-	219.8	227.0	193.3	176.7	-
3713	Truck and bus bodies	33.9	35.8	31.0	30.0	-	25.5	26.8	23.4	22.3	-
3714	Motor vehicle parts and accessories	342.2	342.6	316.3	310.1	-	267.1	267.2	242.8	236.9	-
3715	Truck trailers	28.6	26.8	29.4	28.5	-	21.9	20.1	22.3	21.3	-
372	Aircraft and parts	656.7	666.3	648.1	643.4	-	348.2	361.7	335.3	333.4	-
3721	Aircraft	360.6	363.4	357.2	354.3	-	175.0	180.1	166.5	165.7	-
3724	Aircraft engines and engine parts	158.1	165.0	154.5	152.9	-	89.9	94.6	88.8	88.5	-
3728	Aircraft equipment, nec	138.1	139.9	136.9	136.2	-	83.3	87.2	80.0	79.2	-
373	Ship and boat building and repairing	226.3	223.2	222.2	215.2	-	176.3	177.9	170.6	164.5	-
3731	Ship building and repairing	177.8	176.6	175.2	170.3	-	135.9	141.0	131.8	127.3	-
3732	Boat building and repairing	48.5	46.6	47.0	45.2	-	40.4	36.9	38.3	37.2	-
374	Railroad equipment	30.4	28.9	42.8	40.3	-	30.6	42.0	28.0	25.9	-
376	Guided missiles, space vehicles, parts	119.7	116.5	122.7	122.3	-	35.7	35.3	37.3	37.2	-
3761	Guided missiles and space vehicles	96.3	93.1	99.8	99.3	-	27.0	25.7	28.1	28.1	-

See footnotes at end of table

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B-2. Employees on nonagricultural payrolls by industry — Continued

(In thousands)

1972 SIC Code	Industry	All employees					Production workers[1]				
		Avg. 1981	Jan. 1981	Dec. 1981	Jan. 1982P	Feb. 1982P	Avg. 1981	Jan. 1981	Dec. 1981	Jan. 1982P	Feb. 1982P
	TRANSPORTATION EQUIPMENT — Continued	40.4	39.7	40.0	40.3	-	26.2	26.9	26.6	27.3	-
379	Miscellaneous transportation equipment	19.6	18.3	18.3	18.8	-	15.2	14.4	14.1	14.5	-
3792	Travel trailers and campers										
38	INSTRUMENTS AND RELATED PRODUCTS	718.9	712.4	718.9	711.7	708.1	422.0	422.3	418.6	414.3	413.2
381	Engineering and scientific instruments	78.3	78.2	78.4	78.1	-	37.7	38.2	37.7	37.1	-
382	Measuring and controlling devices	246.4	244.0	245.4	243.9	-	153.9	153.2	151.8	150.8	-
3822	Environmental controls	46.7	47.2	44.0	43.4	-	31.5	32.6	28.5	28.5	-
3823	Process control instruments	56.9	56.4	58.7	58.3	-	29.9	28.9	30.5	30.7	-
3825	Instruments to measure electricity	135.0	134.0	135.1	134.6	-	60.0	60.4	60.8	66.2	-
383	Optical instruments and lenses	33.1	33.4	32.9	32.6	-	18.3	18.0	18.2	17.8	-
384	Medical instruments and supplies	159.8	157.6	162.5	160.9	-	130.4	130.3	102.0	101.4	-
3841	Surgical and medical instruments	74.5	72.6	76.1	75.5	-	45.3	45.6	46.2	45.6	-
3842	Surgical appliances and supplies	58.3	67.5	59.7	59.3	-	44.6	43.7	45.5	45.7	-
385	Ophthalmic goods	41.6	42.6	39.2	38.2	-	29.3	29.8	28.2	26.8	-
386	Photographic equipment and supplies	139.7	136.4	142.3	141.7	-	68.6	68.0	68.4	68.7	-
387	Watches, clocks, and watchbands	19.3	20.2	17.6	16.9	-	13.9	14.8	12.3	11.7	-
39	MISCELLANEOUS MANUFACTURING INDUSTRIES	415.3	398.0	412.2	395.0	392.3	306.9	292.7	301.4	286.9	285.5
391	Jewelry, silverware, and plated ware	55.7	54.4	58.5	56.3	-	39.8	38.6	41.8	39.5	-
3911	Jewelry, precious metal	36.1	35.5	38.1	36.1	-	25.4	24.7	26.9	25.4	-
393	Musical instruments	22.2	22.1	22.0	21.5	-	17.3	17.9	17.5	17.1	-
394	Toys and sporting goods	114.6	103.0	109.2	101.9	-	85.8	74.2	80.7	74.2	-
3942, 4	Dolls, games, toys, and children's vehicles	59.5	49.7	53.7	47.8	-	43.2	33.6	37.4	32.1	-
3949	Sporting and athletic goods, nec	55.1	53.3	55.5	54.1	-	42.6	40.6	43.5	42.1	-
395	Pens, pencils, office and art supplies	36.9	37.7	39.5	38.3	-	27.6	26.7	27.7	27.3	-
396	Costume jewelry and notions	47.7	48.3	47.0	43.5	-	36.6	37.7	35.9	32.8	-
3961	Costume jewelry	23.7	24.4	24.2	21.7	-	18.3	19.1	18.8	16.6	-
399	Miscellaneous manufactures	116.2	112.5	110.0	110.1	-	99.2	97.6	97.8	96.9	-
3993	Signs and advertising displays	48.4	47.9	48.6	47.3	-	35.3	34.3	35.1	34.5	-
	NONDURABLE GOODS	1,654.1	1,645.2	1,657.3	1,633.1	1,608.5	1,153.4	1,135.9	1,130.6	1,089.6	1,068.7
20	FOOD AND KINDRED PRODUCTS	349.4	350.9	348.4	337.5	-	291.2	291.1	289.5	280.9	-
201	Meat products	157.4	159.4	155.5	153.8	-	129.2	130.2	128.3	126.7	-
2011	Meat packing plants	68.7	68.5	68.3	67.1	-	59.9	59.5	59.6	59.5	-
2013	Sausages and other prepared meats	110.3	108.8	109.9	108.3	-	89.8	90.1	89.7	91.8	-
2016	Poultry dressing plants	173.2	171.2	169.9	168.1	-	95.3	93.4	93.3	91.9	-
202	Dairy products	35.5	35.2	35.0	33.7	-	27.1	27.1	26.5	25.5	-
2022	Cheese, natural and processed	98.7	99.6	97.5	97.3	-	44.5	44.1	43.4	43.2	-
2026	Fluid milk	240.9	211.8	212.9	210.7	-	197.5	168.5	172.5	157.1	-
203	Preserved fruits and vegetables	25.5	25.6	26.2	25.0	-	18.9	18.8	19.7	16.6	-
2033	Canned specialties	93.6	72.5	89.4	82.4	-	77.5	58.3	58.7	47.7	-
2033	Canned fruits and vegetables	45.0	39.3	42.5	38.9	-	34.0	33.4	36.9	33.2	-
2037	Frozen fruits and vegetables	142.6	145.4	142.3	142.2	-	88.5	100.2	97.2	97.1	-
204	Grain mill products	27.3	27.8	27.8	27.9	-	17.3	17.1	16.9	16.9	-
2041	Flour and other grain mill products	56.2	57.9	55.5	55.5	-	36.6	37.6	35.8	36.0	-
2048	Prepared feeds, nec	222.1	221.9	221.5	219.4	-	128.6	128.5	128.9	126.7	-
205	Bakery products	160.7	159.7	160.1	159.2	-	95.8	95.3	95.8	94.3	-
2051	Bread, cake, and related products	41.5	42.1	41.5	41.2	-	34.9	33.2	33.0	32.4	-
2052	Cookies and crackers	110.4	111.1	110.9	115.7	-	84.1	83.8	90.3	89.9	-
206	Sugar and confectionery products	30.6	30.1	34.3	33.7	-	22.5	23.6	26.7	25.9	-
2061,3	Cane and beet sugar	59.3	58.5	60.5	61.1	-	47.9	46.5	52.9	50.0	-
2065	Confectionery products	44.3	44.9	46.0	45.6	-	32.9	33.5	34.7	34.1	-
207	Fats and oils	236.4	230.8	265.7	232.3	-	133.1	101.0	100.3	97.4	-
208	Beverages	50.6	49.5	49.2	48.1	-	32.4	31.7	31.2	30.2	-
2082	Malt beverages	141.2	138.6	141.4	140.5	-	46.4	46.7	45.5	44.9	-
2086	Bottled and canned soft drinks	134.7	157.3	152.6	135.9	-	122.2	115.9	120.6	114.5	-
209	Misc. foods and kindred products	71.1	72.0	73.3	72.3	69.4	55.3	55.8	57.8	57.0	54.2
21	TOBACCO MANUFACTURES	47.5	47.7	47.7	47.6	-	36.0	35.9	36.6	36.6	-
211	Cigarettes	839.3	831.0	816.5	795.4	791.3	726.8	729.1	702.8	683.6	682.3
22	TEXTILE MILL PRODUCTS	152.9	147.2	138.6	130.6	-	126.5	131.7	123.3	121.5	-
221	Weaving mills, cotton	117.6	118.7	115.9	112.3	-	105.4	106.4	102.5	100.1	-
222	Weaving mills, synthetic	18.8	18.8	18.4	18.4	-	15.6	15.9	15.4	15.4	-
223	Weaving and finishing mills, wool	24.0	23.5	24.0	23.2	-	21.2	20.6	21.0	20.2	-
224	Narrow fabric mills	219.2	215.1	210.4	208.0	-	189.5	185.6	181.1	172.2	-
225	Knitting mills	28.8	29.0	29.2	28.9	-	25.8	26.0	26.1	25.6	-
2251	Women's hosiery, except socks	34.3	33.2	33.9	32.6	-	31.2	30.1	30.9	29.6	-
2252	Hosiery, nec	71.6	66.9	69.5	64.3	-	60.8	56.7	58.5	53.5	-
2253	Knit outerwear mills	31.3	31.3	29.1	29.3	-	26.8	27.2	25.2	23.9	-
2254	Knit underwear mills										

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry — Continued

(In thousands)

1972 SIC Code	Industry	All employees					Production workers				
		Apr. 1981	Jan. 1981	Dec. 1981	Jan. 1982P	Feb. 1982P	Apr. 1981	Jan. 1981	Dec. 1981	Jan. 1982P	Feb. 1982P
	TEXTILE MILL PRODUCTS—Continued										
2257	Circular knit fabric mills	30.6	31.7	27.0	25.1	-	25.9	26.7	22.4	21.7	-
226	Textile finishing, except wool	72.3	72.0	70.8	68.4	-	60.1	60.4	58.8	57.6	-
2261	Finishing plants, cotton	28.3	28.0	26.1	27.5	-	23.0	23.3	23.1	22.6	-
2262	Finishing plants, synthetics	29.3	28.8	28.3	28.0	-	24.3	24.2	23.5	23.3	-
227	Floor covering mills	52.5	52.6	51.0	49.0	-	42.3	42.6	40.9	38.9	-
228	Yarn and thread mills	125.9	126.3	122.0	120.5	-	113.3	113.8	108.7	107.1	-
2281	Yarn mills, except wool	84.4	84.5	81.6	80.8	-	77.2	77.6	73.7	72.9	-
2282	Throwing and winding mills	20.4	21.1	19.4	19.0	-	18.0	18.5	17.1	16.6	-
229	Miscellaneous textile goods	67.4	66.8	65.4	64.9	-	55.3	52.6	51.1	50.6	-
23	APPAREL AND OTHER TEXTILE PRODUCTS	1,255.8	1,222.8	1,224.9	1,167.8	1,193.3	1,069.4	1,040.9	1,036.3	1,005.9	1,017.3
231	Men's and boys' suits and coats	78.2	76.9	80.2	78.5	-	68.5	67.8	70.0	68.6	-
232	Men's and boys' furnishings	351.1	345.1	346.5	331.8	-	299.8	295.0	295.0	282.2	-
2321	Men's and boys' shirts and nightwear	96.9	94.5	95.9	92.6	-	83.5	80.7	82.5	79.5	-
2322	Men's and boys' separate trousers	73.7	73.9	72.5	71.0	-	64.3	64.6	63.1	62.0	-
2329	Men's and boys' work clothing	101.6	100.0	101.2	99.3	-	84.9	84.6	83.9	80.2	-
233	Women's and misses' outerwear	411.9	397.5	389.6	384.7	-	353.2	341.6	332.1	328.9	-
2331	Women's and misses' blouses and waists	61.6	60.6	59.1	57.9	-	53.7	53.1	51.1	50.0	-
2335	Women's and misses' dresses	138.2	135.3	130.3	130.7	-	121.6	119.3	113.4	114.1	-
2337	Women's and misses' suits and coats	53.4	53.2	56.3	55.1	-	54.1	50.3	47.6	46.6	-
2339	Women's and misses' outerwear, nec	148.6	144.4	143.9	141.0	-	124.0	119.1	120.0	118.2	-
234	Women's and children's undergarments	89.3	86.3	88.9	89.2	-	76.0	73.5	75.8	73.6	-
2341	Women's and children's underwear	71.2	69.0	70.9	69.1	-	62.0	60.0	61.9	60.2	-
2342	Brassieres and allied garments	17.8	17.3	18.0	17.1	-	13.9	13.5	13.9	13.2	-
236	Children's outerwear	55.2	53.7	55.1	53.3	-	55.3	54.3	55.1	53.8	-
2361	Children's dresses and blouses	28.2	28.0	28.6	28.2	-	25.2	25.2	25.5	25.4	-
238	Misc. apparel and accessories	55.1	52.8	53.6	51.6	-	46.7	44.8	45.1	42.9	-
239	Misc. fabricated textile products	183.3	178.5	180.3	171.4	-	151.2	144.6	145.8	138.6	-
2391	Curtains and draperies	28.4	26.9	29.6	27.8	-	23.7	22.4	24.5	22.7	-
2392	House furnishings, nec	50.4	48.1	52.3	48.3	-	41.6	39.8	42.7	39.7	-
2396	Automotive and apparel trimmings	34.3	32.7	29.2	28.3	-	28.7	27.2	23.1	21.8	-
26	PAPER AND ALLIED PRODUCTS	692.3	687.7	681.7	674.2	671.1	521.1	518.1	510.3	503.6	501.1
261, 2621	Paper and pulp mills	204.1	202.7	200.6	199.0	-	153.5	152.5	150.9	149.1	-
262	Paper mills, except building paper	176.5	174.9	174.0	173.3	-	131.5	130.3	128.9	128.3	-
263	Paperboard mills	64.3	64.8	62.7	62.7	-	50.4	50.6	49.1	49.3	-
264	Misc. converted paper products	220.3	216.5	218.9	215.9	-	161.9	159.5	159.6	157.4	-
2641	Paper coating and glazing	56.5	55.8	56.7	55.7	-	36.3	35.9	36.1	35.3	-
2642	Envelopes	25.6	25.5	25.8	25.6	-	19.9	20.0	19.8	19.9	-
2643	Bags, except textile bags	50.3	50.2	50.9	50.2	-	39.3	38.5	39.7	39.2	-
265	Paperboard containers and boxes	203.6	201.7	199.5	196.6	-	155.4	155.5	150.9	148.0	-
2651	Folding paperboard boxes	42.4	42.0	42.4	42.1	-	33.1	33.0	32.8	32.5	-
2653	Corrugated and solid fiber boxes	135.4	135.8	132.9	131.6	-	77.4	77.4	75.2	73.9	-
2654	Sanitary food containers	25.0	24.0	25.3	24.9	-	21.2	21.3	20.5	19.8	-
27	PRINTING AND PUBLISHING	1,288.0	1,269.0	1,312.5	1,288.7	1,305.2	711.6	704.7	722.6	715.3	725.6
271	Newspapers	432.0	425.1	441.2	435.6	-	165.5	164.6	169.1	166.5	-
272	Periodicals	92.7	91.8	95.8	95.1	-	18.2	17.2	19.5	21.0	-
273	Books	131.3	131.7	131.4	130.9	-	51.5	53.2	50.8	51.4	-
2731	Book publishing	72.2	71.9	72.5	71.8	-	27.5	28.2	27.3	27.5	-
2732	Book printing	29.1	29.8	28.9	29.1	-	24.0	25.0	23.5	23.9	-
274	Miscellaneous publishing	50.1	50.2	51.5	50.5	-	29.7	28.9	27.9	27.5	-
275	Commercial printing	432.5	423.5	441.4	435.6	-	316.5	313.2	323.5	317.8	-
2753	Commercial printing, lithographic	170.3	167.6	173.5	172.7	-	126.2	124.3	127.4	124.9	-
2752	Commercial printing, lithographic	238.3	233.5	244.2	241.9	-	173.7	173.6	177.3	174.7	-
276	Manifold business forms	46.6	46.7	49.3	44.0	-	33.6	34.8	33.9	33.9	-
278	Blankbooks and bookbinding	51.1	54.3	50.8	53.7	-	43.8	48.3	44.3	46.8	-
279	Printing trade services	44.7	44.6	45.4	43.4	-	33.0	33.1	33.3	33.5	-
28	CHEMICALS AND ALLIED PRODUCTS	1,117.3	1,100.1	1,090.3	1,087.9	1,087.6	626.1	620.0	612.8	606.4	611.8
281	Industrial inorganic chemicals	193.4	192.0	192.8	192.3	-	89.3	87.7	88.2	87.9	-
2819	Industrial inorganic chemicals, nec	107.4	107.1	106.4	104.6	-	58.5	58.0	57.6	56.8	-
282	Plastics materials and synthetics	199.8	201.4	195.7	194.6	-	131.7	133.0	126.8	125.3	-
2821	Plastics materials and resins	79.7	79.4	78.3	78.1	-	46.9	46.0	45.5	45.2	-
2824	Organic fibers, noncellulosic	93.6	94.8	92.1	91.3	-	66.0	67.0	64.2	64.7	-
283	Drugs	200.8	198.1	201.3	200.6	-	99.7	97.7	99.5	98.4	-
2834	Pharmaceutical preparations	158.1	156.4	158.5	158.2	-	76.9	75.4	76.7	76.1	-
284	Soap, cleaners, and toilet goods	139.4	139.5	137.8	137.2	-	86.8	85.9	85.6	84.4	-
2841	Soap and other detergents	40.5	42.2	40.0	40.1	-	26.6	27.8	26.1	26.2	-
2844	Toilet preparations	56.9	55.8	56.6	55.8	-	37.6	36.0	37.7	36.2	-
2842, 3	Polishing, sanitation, and finishing preparations	42.0	41.5	41.2	41.3	-	22.6	22.1	21.8	22.0	-
285	Paints and allied products	84.5	82.8	81.8	82.4	-	31.8	31.4	29.6	29.1	-
286	Industrial organic chemicals	170.9	169.3	170.1	169.5	-	86.9	85.5	88.9	88.7	-

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry – Continued

(In thousands)

1972 SIC Code	Industry	All employees					Production workers[1]				
		Avg. 1981	Jan. 1981	Dec. 1981	Jan. 1982P	Feb. 1982P	Avg. 1981	Jan. 1981	Dec. 1981	Jan. 1982P	Feb. 1982P
	CHEMICALS AND ALLIED PRODUCTS—Cont'd	35.3	34.6	34.9	34.7	-	21.4	20.7	21.5	21.3	-
2865	Cyclic crudes and intermediates	64.6	64.8	63.4	63.4	-					
2861-9	Gum, wood, and industrial organic chemicals, nec	135.8	134.7	135.2	134.8	-	45.7	44.5	44.3	43.7	-
287	Agricultural chemicals	72.9	71.5	71.5	71.0	-	55.0	54.3	53.9	52.7	-
289	Miscellaneous chemical products	95.8	94.5	95.3	93.9	-					
	PETROLEUM AND COAL PRODUCTS	210.3	208.5	206.8	199.3	195.7	132.1	130.5	125.6	119.2	119.5
29	Petroleum refining	169.6	167.8	169.3	165.3	-	102.6	100.0	99.8	96.3	-
291	Paving and roofing materials	40.8	40.6	25.4	22.7	-	21.7	19.7	18.5	15.7	-
295											
	RUBBER AND MISC. PLASTICS PRODUCTS	744.4	731.8	726.4	718.5	707.9	573.8	564.1	555.4	549.1	540.8
30	Tires and inner tubes	121.9	122.1	121.0	122.7	-	95.3	96.8	94.2	96.7	-
301	Rubber and plastics footwear	20.2	20.3	20.0	19.0	-	17.8	17.9	17.5	16.7	-
302											
303.4	Reclaimed rubber, and rubber and plastics hose and belting	23.3	22.8	21.9	21.4	-	16.3	15.7	15.4	14.9	-
306	Fabricated rubber products, nec	105.9	105.8	100.8	98.9	-	82.4	82.3	77.3	75.1	-
307	Miscellaneous plastics products	473.2	460.8	462.7	456.9	-	372.3	361.4	361.3	355.7	-
	LEATHER AND LEATHER PRODUCTS	232.3	226.9	221.1	218.5	216.3	196.5	190.8	188.3	183.2	181.2
31	Leather tanning and finishing	20.1	19.5	19.5	18.6	-	16.9	16.2	16.2	15.3	-
311	Footwear, except rubber	142.6	141.1	135.0	135.7	-	122.7	120.9	116.2	116.0	-
314	Men's footwear, except athletic	57.3	56.6	54.8	57.3	-	49.1	48.4	46.5	48.1	-
3143	Women's footwear, except athletic	52.3	52.6	48.5	47.2	-	44.7	45.0	42.2	42.5	-
3144	Luggage	15.4	14..	14.3	13.4	-	11.7	10.2	11.1	10.3	-
316	Handbags and personal leather goods	29.3	27.7	28.9	26.9	-	24.3	23.1	23.5	21.5	-
317											
	TRANSPORTATION AND PUBLIC UTILITIES	5,151	5,063	5,153	5,059	5,059	4,273	4,206	4,285	4,166	4,170
	RAILROAD TRANSPORTATION	506.5	511.3	478.7	463.9	-	-	-	-	-	-
40		456.9	460.2	432.1	417.3	-	-	-	-	-	-
4011	Class I railroads[2]										
	LOCAL AND INTERURBAN PASSENGER TRANSIT	271.9	270.4	289.9	293.6	-	251.9	250.4	269.3	269.7	-
41	Local and suburban transportation	83.3	81.9	84.8	84.9	-	76.2	75.1	77.9	77.1	-
411	Taxicabs	50.8	53.4	53.5	50.8	-	-	-	-	-	-
412	Intercity, highway transportation	39.4	37.5	38.9	38.5	-	36.1	34.2	35.3	35.1	-
413	School buses	93.4	87.8	101.5	107.8	-	-	-	-	-	-
415											
	TRUCKING AND WAREHOUSING	1,239.8	1,219.8	1,246.8	1,179.8	-	1,081.1	1,062.1	1,089.3	1,018.5	-
42	Trucking and trucking terminals	1,157.3	1,134.1	1,160.2	1,094.5	-	1,011.4	990.1	1,015.8	949.3	-
421.3	Public warehousing	82.3	85.7	86.9	82.1	-	69.6	72.0	73.5	69.2	-
422											
	WATER TRANSPORTATION	208.2	196.9	197.9	199.9	-	-	-	-	-	-
44											
	TRANSPORTATION BY AIR	459.1	451.7	451.9	448.3	-	-	-	-	-	-
45	Air transportation	438.4	431.8	430.3	396.9	-	-	-	-	-	-
451.2											
	PIPE LINES, EXCEPT NATURAL GAS	22.2	21.5	22.4	22.4	-	16.5	15.2	15.9	15.4	-
46		237.6	193.8	212.2	211.9	-	-	-	-	-	-
	TRANSPORTATION SERVICES	1,367.8	1,353.5	1,379.9	1,370.7	-	1,021.5	1,012.5	1,028.6	1,027.2	-
47											
	COMMUNICATION	1,071.6	1,060.8	1,070.9	1,072.6	-	779.4	776.4	778.7	777.4	-
481	Telephone communication	232.5	200.5	206.3	235.7	-	163.5	160.9	167.8	167.2	-
483	Radio and television broadcasting										
	ELECTRIC, GAS, AND SANITARY SERVICES	867.7	839.8	874.0	874.8	-	706.4	683.6	714.1	713.1	-
49	Electric services	612.5	603.3	615.8	616.4	-	383.8	326.8	335.8	335.9	-
491	Gas production and distribution	175.2	170.0	176.1	176.8	-	192.6	138.4	142.1	141.6	-
492	Combination utility services	237.1	195.5	208.3	208.6	-	189.2	157.5	172.8	172.1	-
493	Sanitary services	49.5	48.1	50.9	50.9	-	43.4	42.1	44.7	44.8	-
496											
	WHOLESALE AND RETAIL TRADE	20,738	20,366	21,413	20,675	20,510	18,132	17,836	18,791	18,064	17,933
	WHOLESALE TRADE	5,343	5,276	5,352	5,293	5,287	4,348	4,296	4,383	4,291	4,284
50,51											
	WHOLESALE TRADE, DURABLE GOODS	3,176	3,125	3,189	3,167	-	2,578	2,540	2,580	2,557	-
50	Motor vehicles and automotive equipment	416.6	412.6	417.3	416.1	-	335.5	332.0	336.6	335.1	-
501	Furniture and home furnishing	120.1	116.7	123.6	124.5	-	98.0	95.0	101.5	101.3	-
502	Lumber and construction materials	192.0	190.3	197.7	192.1	-	157.9	155.7	159.1	148.9	-
503	Sporting goods, toys, and hobby goods	74.7	72.5	75.7	75.2	-	59.8	58.9	60.6	59.8	-
504	Metals and minerals, except petroleum	154.5	153.0	152.3	150.9	-	124.2	122.2	122.9	120.5	-
505	Electrical goods	422.5	419.2	427.6	426.6	-	340.7	339.6	345.6	345.6	-
506	Hardware, plumbing, and heating equipment	204.6	202.9	203.3	202.3	-	199.7	199.1	197.9	195.8	-
507											

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry – Continued

(In thousands)

1972 SIC Code	Industry	All employees					Production workers				
		Avg. 1981	Jan. 1981	Dec. 1981	Jan. 1982P	Feb. 1982P	Avg. 1981	Jan. 1981	Dec. 1981	Jan. 1982P	Feb. 1982P
	WHOLESALE TRADE DURABLE GOODS—Continued										
508	Machinery, equipment, and supplies	1,347.8	1,314.2	1,366.7	1,358.0	-	1,093.2	1,065.9	1,097.9	1,088.7	-
509	Miscellaneous durable goods	203.5	203.7	194.8	192.1	-	171.9	172.4	163.9	160.9	-
51	WHOLESALE TRADE NONDURABLE GOODS	2,187	2,151	2,163	2,130	-	1,771	1,756	1,768	1,734	-
511	Paper and paper products	155.0	153.2	157.1	158.1	-	125.6	124.4	126.7	127.3	-
512	Drugs, proprietaries, and sundries	151.1	150.4	153.3	150.7	-	127.6	127.1	130.2	128.0	-
513	Apparel, piece goods, and notions	166.3	165.9	166.7	166.4	-	132.3	130.5	132.3	133.0	-
514	Groceries and related products	678.7	671.3	673.2	659.1	-	582.2	574.3	578.2	563.9	-
516	Chemicals and allied products	129.5	129.7	129.8	130.5	-	93.3	93.9	93.3	93.6	-
517	Petroleum and petroleum products	225.3	224.1	223.9	222.9	-	169.4	168.2	168.5	167.3	-
518	Beer, wine, and distilled beverages	141.8	138.4	143.6	141.2	-	118.6	115.3	120.1	116.8	-
519	Miscellaneous nondurable goods	381.6	375.2	377.9	373.3	-	313.2	304.5	306.4	301.3	-
52-59	RETAIL TRADE	15,395	15,090	16,061	15,379	15,223	13,783	13,540	14,443	13,773	13,619
52	BUILDING MATERIALS AND GARDEN SUPPLIES	616.8	601.6	606.7	579.4	-	520.5	504.9	512.1	485.6	-
521	Lumber and other building materials	323.9	316.9	314.4	304.8	-	273.7	267.9	265.1	255.5	-
525	Hardware stores	149.7	148.9	151.5	145.1	-	127.6	126.8	129.4	123.2	-
53	GENERAL MERCHANDISE STORES	2,288.3	2,333.7	2,542.5	2,333.3	-	2,051.4	2,150.0	2,341.4	2,145.5	-
531	Department stores	1,891.1	1,930.9	2,126.5	1,959.3	-	1,720.5	1,811.5	1,962.5	1,807.8	-
533	Variety stores	251.9	254.5	271.6	247.1	-	233.8	237.6	253.7	228.5	-
539	Misc. general merchandise stores	125.2	118.3	144.4	127.2	-	107.1	100.9	125.2	109.2	-
54	FOOD STORES	2,456.9	2,431.8	2,529.0	2,455.2	-	2,278.8	2,252.5	2,342.4	2,284.1	-
541	Grocery stores	2,134.8	2,136.9	2,206.1	2,172.9	-	2,004.1	1,984.3	2,052.6	2,019.4	-
542	Meat markets and freezer provisioners	55.7	55.8	55.2	54.7	-	-	-	-	-	-
546	Retail bakeries	126.7	125.9	128.7	124.1	-	116.5	115.6	116.7	114.3	-
55	AUTOMOTIVE DEALERS AND SERVICE STATIONS	1,574.5	1,571.8	1,661.8	1,544.1	-	1,418.8	1,415.8	1,407.5	1,391.7	-
551-2	New and used car dealers	764.7	766.0	751.8	746.0	-	626.0	626.7	615.2	609.9	-
553	Auto and home supply stores	270.7	269.7	279.0	275.1	-	238.6	229.1	242.0	235.7	-
554	Gasoline service stations	541.5	567.3	558.2	555.7	-	441.8	496.6	488.7	485.6	-
56	APPAREL AND ACCESSORY STORES	990.7	979.1	1,090.4	997.0	-	839.6	838.4	985.0	853.2	-
561	Men's and boys' clothing and furnishings	138.4	138.4	152.0	140.2	-	113.9	117.8	131.6	119.7	-
562	Women's ready-to-wear stores	354.4	352.9	392.3	354.2	-	307.3	304.7	344.1	307.5	-
565	Family clothing stores	188.4	188.8	221.1	194.9	-	165.0	165.4	196.1	169.2	-
566	Shoe stores	230.9	195.4	212.4	204.4	-	165.1	161.5	175.5	167.4	-
57	FURNITURE AND HOME FURNISHINGS STORES	639.1	608.6	625.6	613.6	-	533.8	504.9	521.7	505.9	-
571	Furniture and home furnishings stores	378.5	375.3	384.1	375.4	-	313.8	311.6	319.0	309.6	-
572	Household appliance stores	83.1	82.8	87.5	85.9	-	70.9	70.8	74.8	73.1	-
573	Radio, television, and music stores	147.6	150.7	155.0	149.3	-	119.2	122.5	127.9	123.0	-
58	EATING AND DRINKING PLACES	4,833.2	4,561.3	4,891.2	4,739.4	-	4,452.7	4,188.1	4,504.2	4,353.2	-
59	MISCELLANEOUS RETAIL	1,955.3	1,931.4	2,117.5	2,004.4	-	1,707.4	1,685.6	1,868.3	1,753.8	-
591	Drug stores and proprietary stores	497.3	488.7	506.9	493.9	-	440.2	442.9	459.5	445.1	-
592	Liquor stores	128.9	125.8	138.1	132.7	-	-	-	-	-	-
594	Miscellaneous shopping goods stores	631.8	616.1	719.1	660.4	-	540.7	525.1	628.8	568.8	-
596	Nonstore retailers	276.9	274.5	310.8	286.7	-	256.3	254.2	289.0	264.8	-
598	Fuel and ice dealers	104.3	111.7	107.7	110.1	-	87.1	94.5	90.6	92.2	-
599	Retail stores, nec	266.7	256.9	277.6	263.5	-	225.2	213.5	233.8	221.4	-
	FINANCE, INSURANCE, AND REAL ESTATE	5,331	5,235	5,350	5,329	5,324	4,026	3,950	4,025	3,997	3,993
60	BANKING	1,624.2	1,601.2	1,640.3	1,642.3	-	1,240.7	1,225.8	1,244.3	1,239.1	-
602	Commercial and stock savings banks	1,480.5	1,460.2	1,495.2	1,497.7	-	1,124.8	1,111.2	1,128.0	1,123.4	-
61	CREDIT AGENCIES OTHER THAN BANKS	576.6	578.4	576.8	577.4	-	439.6	441.1	437.2	436.7	-
612	Savings and loan associations	257.8	264.4	272.3	273.0	-	203.0	201.2	206.9	207.7	-
614	Personal credit institutions	197.2	201.1	191.5	190.8	-	152.3	155.1	147.5	146.7	-
62	SECURITY, COMMODITY BROKERS, AND SERVICES	245.7	236.8	258.4	255.2	-	-	-	-	-	-
621	Security brokers and dealers	231.4	193.9	210.3	211.5	-	-	-	-	-	-
63	INSURANCE CARRIERS	1,237.2	1,232.8	1,238.1	1,233.1	-	857.3	859.1	852.5	848.8	-
631	Life insurance	535.3	533.2	536.7	533.6	-	332.5	329.7	331.9	330.1	-

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry — Continued

(In thousands)

1972 SIC Code	Industry	All employees					Production workers[1]				
		Avg. 1981	Jan. 1981	Dec. 1981	Jan. 1982P	Feb. 1982P	Avg. 1981	Jan. 1981	Dec. 1981	Jan. 1982P	Feb. 1982P
	INSURANCE CARRIERS — Continued	144.3	144.1	143.5	142.7	-	114.9	115.2	114.2	113.7	-
632	Medical service and health insurance	484.4	482.0	486.6	486.1	-	352.8	356.2	351.3	350.1	-
633	Fire, marine, and casualty insurance										
64	INSURANCE AGENTS, BROKERS, AND SERVICE	467.5	461.5	472.0	471.2	-	-	-	-	-	-
65	REAL ESTATE	1,029.7	984.2	1,016.4	997.5	-	-	-	-	-	-
651	Real estate operators and lessors	477.8	458.2	477.6	472.5	-	-	-	-	-	-
653	Real estate agents and managers	390.1	377.9	386.1	380.8	-	-	-	-	-	-
655	Subdividers and developers	140.6	126.4	132.8	124.5	-	-	-	-	-	-
66	COMBINED REAL ESTATE, INSURANCE, ETC.	21.1	21.3	21.1	21.1	-	-	-	-	-	-
67	HOLDING AND OTHER INVESTMENT OFFICES	126.7	121.2	130.8	131.2	-	-	-	-	-	-
	SERVICES	18,598	17,972	18,762	18,583	18,675	16,534	15,953	16,668	16,411	16,554
70	HOTELS AND OTHER LODGING PLACES	1,102.5	993.9	1,033.1	1,306.9	-	971.6	880.1	913.6	891.4	-
701	Hotels, motels, and tourist courts	1,051.2	964.8	1,001.5	977.6	-	-	-	-	-	-
72	PERSONAL SERVICES	893.6	894.7	898.0	919.6	-	316.6	316.9	317.5	315.9	-
721	Laundry, cleaning, and garment services	354.3	354.7	355.4	353.7	-	264.8	261.3	269.6	269.6	-
723	Beauty shops	295.7	281.7	292.3	289.3	-	-	-	-	-	-
729	Miscellaneous personal services	72.5	71.2	73.7	73.8	-					
73	BUSINESS SERVICES	3,337.3	3,206.4	3,382.2	3,310.0	-	2,891.0	2,797.8	2,955.2	2,881.5	-
731	Advertising	136.1	134.6	137.1	136.9	-	119.8	117.7	121.2	120.5	-
732	Credit reporting and collection	71.7	72.1	71.0	70.4	-	-	-	-	-	-
733	Mailing, reproduction, stenographic	129.4	123.8	133.9	133.7	-	-	-	-	-	-
734	Services to buildings	516.4	495.3	526.2	519.4	-	468.7	447.4	480.5	473.3	-
736	Personnel supply services	634.4	593.3	596.4	561.6	-	-	-	-	-	-
737	Computer and data processing services	344.2	325.9	361.5	364.5	-	285.6	272.8	296.6	295.1	-
75	AUTO REPAIR, SERVICES AND GARAGES	577.7	571.5	573.4	575.1	-	492.3	486.3	493.9	487.6	-
753	Automotive repair shops	394.5	389.3	390.5	393.9	-	299.9	296.2	301.4	296.8	-
76	MISCELLANEOUS REPAIR SERVICES	296.3	291.5	302.7	297.0	-	248.6	242.8	255.7	251.4	-
78	MOTION PICTURES	213.3	202.1	207.2	199.5	-	182.2	172.0	176.4	168.7	-
781	Motion picture production, and services	73.7	76.6	78.0	73.9	-	60.5	63.6	64.4	60.5	-
783	Motion picture theaters	128.9	114.5	118.4	115.3	-	-	-	-	-	-
79	AMUSEMENT AND RECREATION SERVICES	831.7	804.9	751.8	718.5	-	725.4	594.4	676.6	642.7	-
80	HEALTH SERVICES	5,584.5	5,406.8	5,618.7	5,559.3	-	4,989.9	4,828.9	5,047.7	5,004.2	-
801	Offices of physicians	762.5	767.2	795.0	797.7	-	644.8	628.5	652.3	655.2	-
802	Offices of dentists	336.0	345.9	364.7	368.9	-	313.8	303.0	323.6	327.2	-
805	Nursing and personal care facilities	1,049.1	1,027.7	1,068.5	1,059.9	-	948.6	927.4	963.6	967.5	-
806	Hospitals	2,888.3	2,815.9	2,939.6	2,947.0	-	2,683.7	2,579.3	2,695.6	2,702.8	-
81	LEGAL SERVICES	537.3	518.9	546.6	548.7	-	458.4	443.4	462.5	464.7	-
82	EDUCATIONAL SERVICES	1,142.3	1,136.2	1,220.9	1,137.1	-	-	-	-	-	-
821	Elementary and secondary schools	282.2	297.6	301.1	295.1	-	-	-	-	-	-
822	Colleges and universities	726.5	718.1	794.5	715.4	-	-	-	-	-	-
83	SOCIAL SERVICES	1,183.1	1,171.7	1,189.8	1,180.2	-	-	-	-	-	-
86	MEMBERSHIP ORGANIZATIONS	1,583.5	1,557.3	1,598.6	1,586.2	-	-	-	-	-	-
89	MISCELLANEOUS SERVICES	1,039.6	1,019.2	1,046.3	1,056.7	-	855.1	848.9	864.6	869.4	-
891	Engineering and architectural services	556.8	553.2	568.7	566.3	-	479.5	468.4	475.8	469.3	-
893	Accounting, auditing, and bookkeeping	338.3	335.0	342.1	355.5	-	273.9	271.3	276.0	287.1	-
	GOVERNMENT	16,058	16,216	16,129	15,890	16,084	-	-	-	-	-
	FEDERAL GOVERNMENT	2,772	2,773	2,729	2,713	2,715	-	-	-	-	-
	Executive, by agency[2]	2,717.3	2,717.6	2,675.2	2,658.6	-	-	-	-	-	-
	Department of Defense	912.8	892.9	924.4	924.1	-	-	-	-	-	-
	Postal Service	661.9	652.9	671.7	660.5	-	-	-	-	-	-
	Other executive agencies	1,143.6	1,171.8	1,079.1	1,074.0	-	-	-	-	-	-
	Legislative	39.3	40.8	38.5	39.3	-	-	-	-	-	-
	Judicial	15.2	15.0	15.3	15.3	-	-	-	-	-	-

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry – Continued

(In thousands)

1972 SIC Code	Industry	All employees					Production workers[1]				
		Avg. 1981	Jan. 1981	Dec. 1981	Jan. 1982p	Feb. 1982p	Avg. 1981	Jan. 1981	Dec. 1981	Jan. 1982p	Feb. 1982p
	FEDERAL GOVERNMENT – Continued										
	Federal Government, by industry										
	Manufacturing activities	109.4	107.5	112.3	112.6	-	-	-	-	-	-
3731	Shipbuilding and repairing	59.1	57.4	59.8	60.1	-	-	-	-	-	-
	Transportation and public utilities, except Postal Service	41.2	40.5	42.4	41.2	-	-	-	-	-	-
	Services	406.9	408.8	401.8	403.5	-	-	-	-	-	-
806	Federal government hospitals	232.1	234.5	231.5	231.0	-	-	-	-	-	-
	STATE AND LOCAL GOVERNMENT	13,282	13,443	13,400	13,177	13,369	-	-	-	-	-
	State government	3,562.5	3,556.6	3,625.7	3,535.3	-	-	-	-	-	-
806	State government hospitals	533.2	535.0	533.5	532.5	-	-	-	-	-	-
82	State education	1,366.9	1,362.4	1,451.9	1,363.3	-	-	-	-	-	-
	General administration, including executive, legislative, and judicial functions	1,035.5	1,030.8	1,029.7	1,031.2	-	-	-	-	-	-
	Local government	9,719.1	9,886.4	9,773.8	9,641.5	-	-	-	-	-	-
	Transportation and public utilities	636.5	628.0	638.2	640.0	-	-	-	-	-	-
806	Local government hospitals	628.4	616.8	617.8	599.1	-	-	-	-	-	-
82	Local education	5,150.9	5,338.8	5,367.8	5,249.0	-	-	-	-	-	-
	General administration, including executive, legislative, and judicial functions	2,942.4	2,930.9	2,920.3	2,804.9	-	-	-	-	-	-

Data relate to construction and related workers in mining and manufacturing, to construction workers in construction, and to nonsupervisory workers in transportation and public utilities, whole-sale and retail trade, finance, insurance, and real estate, and services.

[1] Beginning January 1978, data relate to the two-digit contract construction industry and to establishments with construction employment of $50,000,000 or more.

[2] Data for nonoffice sales agents excluded from nonsupervisory count for all series in this division.

[3] Prepared by the Office of Personnel Management. Data relate to civilian employment only and exclude Central Intelligence and National Security Agencies.

- Data not available.
p = preliminary.

NOTE: Data from April 1980 forward are subject to revision when more recent benchmark data are introduced. See "Benchmark adjustment" in the Explanatory Notes of this publication.

READEX FICHE

B-3. Women employees on nonagricultural payrolls by industry

(In thousands)

1972 SIC Code	Industry	Avg. 1981	Dec. 1980	Oct. 1981	Nov. 1981	Dec. 1981
	TOTAL	39,196	39,349	39,733	39,873	39,939
	PRIVATE SECTOR	31,491	31,368	32,016	32,058	32,135
	MINING	125	112	133	134	135
10	METAL MINING	9.3	9.5	8.8	8.5	8.7
11, 12	COAL MINING	10.4	11.1	11.9	11.9	11.9
13	OIL AND GAS EXTRACTION	95.4	81.4	111.8	103.5	105.0
131, 2	Crude petroleum, natural gas, and natural gas liquids	60.9	53.1	64.3	65.1	66.1
138	Oil and gas field services	34.6	28.3	37.5	38.4	38.9
14	NONMETALLIC MINERALS, EXCEPT FUELS	9.9	9.5	10.3	10.0	9.7
142	Crushed and broken stone	2.6	2.4	2.7	2.7	2.6
144	Sand and gravel	3.2	3.2	3.2	3.2	3.0
	CONSTRUCTION	398	388	404	401	398
15	GENERAL BUILDING CONTRACTORS	139.3	138.9	139.1	137.9	137.8
152	Residential building construction	83.2	82.4	83.5	82.9	83.1
153	Operative builders	14.5	14.3	14.3	14.0	13.8
154	Nonresidential building construction	41.6	42.2	41.3	41.0	40.9
16	HEAVY CONSTRUCTION CONTRACTORS	61.7	61.0	64.3	63.0	61.3
161	Highway and street construction	16.3	15.9	17.0	15.9	14.5
162	Heavy construction, except highway	45.3	45.1	47.3	47.1	46.8
17	SPECIAL TRADE CONTRACTORS	196.5	188.1	200.1	199.9	198.4
171	Plumbing, heating, air conditioning	54.0	52.6	54.9	54.9	54.8
172	Painting, paper hanging, decorating	12.5	12.0	12.7	12.9	11.9
173	Electrical work	36.8	35.4	37.1	37.5	37.6
174	Masonry, stonework, and plastering	23.5	21.7	24.1	24.1	24.1
175	Carpentering and flooring	15.4	14.8	15.2	15.1	15.0
176	Roofing and sheet metal work	13.7	13.3	14.1	14.0	13.8
	MANUFACTURING	6,379	6,302	6,478	6,396	6,281
24, 25, 32-39	DURABLE GOODS	3,054	3,017	3,095	3,054	3,004
20-23, 26, 27	NONDURABLE GOODS	3,320	3,285	3,383	3,342	3,277
	DURABLE GOODS					
24	LUMBER AND WOOD PRODUCTS	103.6	133.9	132.1	98.4	95.9
241	Logging camps and logging contractors	5.5	4.9	5.5	5.5	5.4
242	Sawmills and planing mills	19.8	20.2	19.2	18.5	17.9
2421	Sawmills and planing mills, general	14.1	14.5	13.7	13.2	12.7
243	Millwork, plywood, and structural members	42.4	41.6	41.5	39.2	37.7
244	Wood containers	7.0	7.2	6.9	6.8	7.0
245	Wood buildings and mobile homes	6.2	8.3	8.2	7.9	7.5
249	Miscellaneous wood products	20.7	21.1	20.8	20.5	19.9
25	FURNITURE AND FIXTURES	100.1	101.9	102.0	100.7	103.2
251	Household furniture	102.9	103.1	103.7	102.3	101.9
2511	Wood household furniture	40.1	40.7	40.3	40.7	40.7
2512	Upholstered household furniture	38.4	38.1	38.4	38.0	33.2
2515	Mattresses and bedsprings	8.2	7.9	8.1	7.8	7.7
252	Office furniture	13.3	12.6	13.7	13.6	13.5
253	Public building and related furniture	5.5	5.0	5.9	5.8	5.7
254	Partitions and fixtures	10.8	13.4	11.3	10.9	10.5
259	Miscellaneous furniture and fixtures	11.6	10.8	12.4	12.1	11.6
32	STONE, CLAY, AND GLASS PRODUCTS	127.8	125.6	129.4	127.4	124.4
322	Glass and glassware, pressed or blown	40.9	40.3	41.5	40.4	39.6
3221	Glass containers	22.8	22.2	23.0	22.1	21.9
3229	Pressed and blown glass, nec	18.1	18.1	18.5	18.3	17.7
323	Products of purchased glass	13.4	13.3	13.4	13.4	12.9
324	Cement, hydraulic	1.7	1.7	1.7	1.7	1.7
325	Structural clay products	6.6	6.5	6.7	6.6	6.5
326	Pottery and related products	14.7	14.9	14.9	14.5	14.1
327	Concrete, gypsum, and plaster products	14.9	15.2	14.8	14.7	14.5
329	Misc. nonmetallic mineral products	32.4	31.0	32.9	32.7	32.1
33	PRIMARY METAL INDUSTRIES	124.0	124.8	121.9	118.9	115.7
331	Blast furnace and basic steel products	40.7	39.3	39.8	38.1	37.3
3312	Blast furnaces and steel mills	30.6	29.3	29.4	28.1	27.5
332	Iron and steel foundries	17.9	19.6	17.7	17.2	16.4

B-3. Women employees on nonagricultural payrolls by industry – Continued

(In thousands)

1972 SIC Code	Industry	Aug. 1981	Dec. 1980	Oct. 1981	Nov. 1981	Dec. 1981
	PRIMARY METAL INDUSTRIES — Continued					
3321	Gray iron foundries	9.8	9.0	8.6	8.3	7.6
3322	Malleable iron foundries	1.1	1.0	1.0	1.0	.9
3325	Steel foundries, nec	4.7	4.9	4.6	4.5	4.5
333	Primary nonferrous metals	5.1	5.0	5.0	4.9	4.6
3334	Primary aluminum	2.2	2.2	2.2	2.1	2.0
335	Nonferrous rolling and drawing	38.9	41.6	38.0	37.5	36.8
3351	Copper rolling and drawing	3.5	3.2	3.4	3.4	3.3
3353	Aluminum sheet, plate, and foil	3.8	3.9	3.7	3.4	3.2
3357	Nonferrous wire drawing and insulating	23.6	26.2	23.3	23.2	23.1
336	Nonferrous foundries	15.5	14.6	15.5	15.3	14.9
3361	Aluminum foundries	8.0	7.2	8.0	7.9	7.8
34	FABRICATED METAL PRODUCTS	335.2	334.7	336.9	329.7	321.9
341	Metal cans and shipping containers	12.5	12.3	11.9	11.3	11.2
3411	Metal cans	10.7	10.6	10.1	9.6	9.5
342	Cutlery, hand tools, and hardware	57.0	57.3	56.7	55.9	54.6
3423, 5	Hand and edge tools and hand tool accessories	16.4	16.2	16.5	16.2	16.4
3429	Hardware, nec	34.0	34.1	33.8	33.3	31.9
343	Plumbing and heating, except electric	16.6	16.2	16.9	16.7	16.9
344	Fabricated structural metal products	71.4	71.5	71.6	70.2	69.4
3441	Fabricated structural metal	7.4	7.3	7.4	7.3	7.4
3442	Metal doors, sash, and trim	20.3	21.0	20.2	19.4	18.7
3443	Fabricated plate work (boiler shops)	18.6	18.5	18.7	18.6	18.4
3444	Sheet metal work	15.8	15.4	15.8	15.4	15.4
345	Screw machine products, bolts, etc.	23.3	23.5	23.5	22.9	22.3
3451	Screw machine products	12.0	12.1	12.1	11.7	11.4
3452	Bolts, nuts, rivets, and washers	11.4	11.4	11.4	11.2	10.9
346	Metal forgings and stampings	51.8	53.2	51.8	49.3	47.2
3462	Iron and steel forgings	4.2	4.3	4.1	4.0	3.9
3465	Automotive stampings	12.7	13.8	12.7	11.7	11.7
3469	Metal stampings, nec	32.4	32.9	32.4	31.0	30.1
347	Metal services, nec	24.3	24.1	25.1	24.8	23.2
3471	Plating and polishing	17.4	17.1	18.1	18.0	16.7
3479	Metal coating and allied services	6.9	7.0	7.0	6.8	6.5
348	Ordnance and accessories, nec	17.2	17.3	17.0	17.2	17.1
349	Misc. fabricated metal products	61.1	59.3	62.4	61.4	60.0
3494	Valves and pipe fittings	23.1	22.2	23.3	23.2	22.9
3496	Misc. fabricated wire products	14.8	14.5	15.2	15.0	14.5
35	MACHINERY, EXCEPT ELECTRICAL	508.7	503.0	517.3	515.6	512.6
351	Engines and turbines	24.2	24.7	25.2	25.6	25.2
3511	Turbines and turbine generator sets	5.9	6.1	5.9	5.9	5.9
3519	Internal combustion engines, nec	18.3	18.6	19.3	19.7	19.3
352	Farm and garden machinery	27.0	23.3	26.9	26.7	26.8
3523	Farm machinery and equipment	20.2	21.4	19.6	19.8	18.7
353	Construction and related machinery	52.4	50.0	53.6	53.6	53.8
3531	Construction machinery	15.4	14.4	15.9	15.9	15.8
3533	Oil field machinery	16.0	14.4	16.9	17.2	17.5
354	Metalworking machinery	57.4	57.1	57.8	57.2	56.2
3541	Machine tools, metal cutting types	10.5	10.5	10.4	10.0	9.8
3544	Special dies, tools, jigs, and fixtures	15.8	15.6	15.8	15.9	15.5
3545	Machine tool accessories	13.6	13.4	13.5	13.4	13.4
355	Special industry machinery	30.5	31.1	30.1	29.9	29.4
3551	Food products machinery	5.7	5.2	5.5	5.5	5.5
3552	Textile machinery	4.9	5.0	4.8	4.8	4.7
3555	Printing trades machinery	7.4	7.4	7.3	7.3	7.4
356	General industrial machinery	62.2	62.1	61.6	61.0	60.8
3561	Pumps and pumping equipment	11.6	11.3	11.7	11.5	11.6
3562	Ball and roller bearings	13.7	14.3	13.3	13.3	13.1
357	Office and computing machines	164.6	159.4	170.6	171.4	171.8
3573	Electronic computing equipment	136.4	131.1	142.1	143.1	143.9
358	Refrigeration and service machinery	39.2	38.6	39.3	38.3	37.9
3585	Refrigeration and heating equipment	26.4	26.5	26.4	25.2	24.9
359	Misc. machinery, except electrical	51.3	48.7	52.6	51.9	50.7
3599	Machinery, except electrical, nec	40.4	38.8	41.9	41.6	41.1
36	ELECTRIC AND ELECTRONIC EQUIPMENT	910.1	901.1	923.5	909.4	898.6
361	Electric distributing equipment	46.0	43.2	46.8	46.1	45.8
3612	Transformers	18.8	17.8	19.7	19.2	18.8
3613	Switchgear and switchboard apparatus	27.2	27.4	27.1	26.9	27.0
362	Electrical industrial apparatus	93.2	93.3	89.5	86.7	87.1
3621	Motors and generators	49.4	47.7	48.7	47.0	47.6
3622	Industrial controls	28.3	28.5	28.1	27.2	27.1
363	Household appliances	60.7	50.9	62.8	57.9	53.1
3632	Household refrigerators and freezers	10.0	9.2	9.8	7.6	6.5
3633	Household laundry equipment	4.1	4.3	4.2	3.3	2.7
3634	Electric housewares and fans	29.0	28.9	30.5	29.7	28.0
364	Electric lighting and wiring equipment	95.3	94.9	95.7	94.9	92.5
3641	Electric lamps	21.1	22.2	21.3	21.2	20.3

B-3. Women employees on nonagricultural payrolls by industry — Continued

(In thousands)

1972 SIC Code	Industry	Avg. 1981	Dec. 1980	Oct. 1981	Nov. 1981	Dec. 1981
	ELECTRIC AND ELECTRONIC EQUIPMENT — Continued	43.2	41.8	43.5	43.4	43.1
3643	Current carrying wiring devices	58.0	53.1	59.3	57.2	55.0
365	Radio and TV receiving equipment	44.9	45.3	45.8	44.9	42.9
3651	Radio and TV receiving sets	208.7	209.3	210.8	210.1	212.2
366	Communication equipment	74.1	75.6	73.1	71.3	72.8
3661	Telephone and telegraph apparatus	136.7	130.7	137.7	138.8	139.4
3662	Radio and TV communication equipment	291.1	287.9	296.3	294.4	293.9
367	Electronic components and accessories	16.3	16.1	16.3	15.9	15.7
3671-3	Electronic tubes	106.2	109.9	108.2	108.0	108.2
3674	Semiconductors and related devices	118.1	113.1	122.3	121.9	121.6
3679	Electronic components, nec	60.1	57.8	62.3	62.1	59.0
369	Misc. electrical equipment and supplies	30.0	28.7	31.9	31.1	28.4
3694	Engine electrical equipment					
37	TRANSPORTATION EQUIPMENT	301.8	294.3	308.1	303.6	295.0
371	Motor vehicles and equipment	103.9	105.9	137.2	104.5	99.6
3711	Motor vehicles and car bodies	36.5	38.7	37.8	37.4	35.3
3713	Truck and bus bodies	3.8	3.2	3.8	3.7	3.4
3714	Motor vehicle parts and accessories	59.9	59.5	61.4	59.5	56.9
372	Aircraft and parts	125.5	121.7	126.8	125.8	125.7
3721	Aircraft	70.5	65.3	72.4	72.4	72.1
3724	Aircraft engines and engine parts	27.9	29.0	27.4	26.8	26.7
3728	Aircraft equipment, nec	27.1	27.4	27.0	26.6	26.9
373	Ship and boat building and repairing	24.3	22.1	24.8	24.5	24.3
3731	Ship building and repairing	17.5	16.0	17.8	17.9	17.7
374	Railroad equipment	5.4	6.1	5.0	4.9	4.8
376	Guided missiles, space vehicles, parts	27.4	25.8	27.9	28.1	28.6
3761	Guided missiles and space vehicles	22.6	21.5	23.3	23.4	23.9
379	Miscellaneous transportation equipment	7.7	7.4	8.3	7.7	7.6
38	INSTRUMENTS AND RELATED PRODUCTS	305.4	303.9	306.5	306.3	305.7
381	Engineering and scientific instruments	24.5	24.3	24.7	24.6	24.8
382	Measuring and controlling devices	106.5	106.1	106.8	105.9	105.2
3822	Environmental controls	23.2	24.1	23.3	22.0	21.5
3823	Process control instruments	19.5	18.7	19.8	19.7	19.4
3825	Instruments to measure electricity	49.4	47.5	48.5	48.6	48.7
383	Optical instruments and lenses	11.5	11.2	11.8	11.7	11.7
384	Medical instruments and supplies	88.6	85.6	86.9	87.9	88.7
3841	Surgical and medical instruments	42.2	41.7	42.4	42.5	43.1
3842	Surgical appliances and supplies	38.2	35.6	36.5	37.2	37.3
385	Ophthalmic goods	24.8	25.3	24.1	24.2	23.9
386	Photographic equipment and supplies	40.4	39.2	40.7	41.1	41.1
387	Watches, clocks, and watchcases	11.2	12.2	11.5	10.9	10.3
39	MISCELLANEOUS MANUFACTURING INDUSTRIES	193.4	188.1	202.5	200.3	191.6
391	Jewelry, silverware, and plated ware	25.7	27.1	27.3	27.7	27.2
393	Musical instruments	10.2	10.3	10.4	10.2	10.3
394	Toys and sporting goods	54.7	53.1	63.7	61.9	56.4
3942, 4	Dolls, games, toys, and children's vehicles	24.8	24.9	36.5	34.2	28.7
3949	Sporting and athletic goods, nec	29.9	28.2	27.2	27.7	27.7
396	Pens, pencils, office and art supplies	20.4	20.6	21.6	21.4	21.2
398	Costume jewelry and notions	27.3	23.1	28.3	28.2	26.8
399	Miscellaneous manufactures	49.6	47.9	51.5	50.9	49.7
	NONDURABLE GOODS	530.5	487.8	530.7	511.6	493.2
20	FOOD AND KINDRED PRODUCTS	113.5	110.1	114.7	115.0	113.2
201	Meat products	28.9	29.4	29.4	29.0	28.7
2011	Meat packing plants	20.5	20.4	20.5	20.8	20.7
2013	Sausages and other prepared meats	57.8	59.1	58.5	58.8	57.7
2016	Poultry dressing plants	37.3	37.9	37.0	36.9	36.9
202	Dairy products	17.1	17.1	16.8	16.6	16.5
2026	Fluid milk	101.1	92.7	117.3	101.8	87.5
203	Preserved fruits and vegetables	9.1	9.2	9.5	9.3	9.2
2032	Canned specialties	37.3	31.0	45.0	33.3	25.4
2033	Canned fruits and vegetables	20.3	18.1	24.3	23.1	19.4
2037	Frozen fruits and vegetables	33.3	30.3	30.7	30.4	30.3
204	Grain mill products	57.9	58.0	59.3	58.8	58.1
205	Bakery products	38.7	38.8	39.2	39.1	38.8
2051	Bread, cake, and related products	19.2	19.2	19.8	19.7	19.3
2052	Cookies and crackers	48.5	46.3	52.5	51.6	49.8
206	Sugar and confectionery products	6.1	6.1	6.1	6.2	6.3
207	Fats and oils	42.2	41.5	43.6	43.5	43.4
208	Beverages	7.8	7.6	8.2	8.2	8.3
2082	Malt beverages	19.3	18.5	19.6	19.6	19.5
2086	Bottled and canned soft drinks	67.9	58.9	70.1	67.4	67.7
209	Misc. foods and kindred products					
21	TOBACCO MANUFACTURES	25.9	26.9	29.4	27.8	26.4
211	Cigarettes	15.0	15.2	14.6	14.6	14.6

ESTABLISHMENT DATA
WOMEN EMPLOYEES

B-3. Women employees on nonagricultural payrolls by industry – Continued

[In thousands]

1972 SIC Code	Industry	Aug. 1981	Sept. 1981	Oct. 1981	Nov. 1981	Dec. 1981
22	TEXTILE MILL PRODUCTS	397.3	398.9	397.2	393.8	386.7
221	Weaving mills, cotton	61.8	64.5	60.8	61.0	60.4
222	Weaving mills, synthetics	48.7	48.6	47.6	48.3	47.6
223	Weaving and finishing mills, wool	7.2	7.1	7.1	7.3	7.1
224	Narrow fabric mills	14.4	13.8	14.7	14.3	14.3
225	Knitting mills	139.8	140.2	140.7	138.1	135.5
2251	Women's hosiery, except socks	22.5	22.9	22.7	22.8	23.1
2252	Hosiery, nec	24.6	24.1	24.9	24.4	24.5
2253	Knit outerwear mills	49.9	48.1	51.8	51.1	48.4
2254	Knit underwear mills	22.8	23.8	22.1	21.9	21.3
2257	Circular knit fabric mills	11.6	12.4	11.1	10.4	10.4
226	Textile finishing, except wool	21.7	21.1	22.2	21.9	21.1
2261	Finishing plants, cotton	9.3	8.8	10.0	9.8	9.4
2262	Finishing plants, synthetic	6.3	6.3	6.2	6.2	6.0
227	Floor covering mills	22.3	22.1	23.0	22.4	21.5
228	Yarn and thread mills	61.8	61.9	61.6	61.2	60.1
2281	Yarn mills, except wool	39.1	39.0	38.5	38.6	38.1
2282	Throwing and winding mills	11.9	12.2	11.9	11.8	11.2
229	Miscellaneous textile goods	19.6	19.6	19.5	19.3	19.1
23	APPAREL AND OTHER TEXTILE PRODUCTS	1,012.6	999.4	1,026.7	1,016.1	989.2
231	Men's and boys' suits and coats	60.9	60.8	61.5	62.3	62.5
232	Men's and boys' furnishings	295.7	296.5	297.7	297.1	292.7
2321	Men's and boys' shirts and nightwear	84.2	83.7	86.1	84.8	83.3
2327	Men's and boys' separate trousers	62.2	63.1	61.6	62.9	61.6
2328	Men's and boys' work clothing	83.9	84.8	83.2	83.5	83.5
233	Women's and misses' outerwear	349.5	340.8	353.3	346.6	330.4
2331	Women's and misses' blouses and waists	54.7	54.3	55.5	55.1	52.5
2335	Women's and misses' dresses	120.1	117.7	120.2	117.2	112.4
2337	Women's and misses' suits and coats	51.1	52.4	52.7	49.8	45.5
2339	Women's and misses' outerwear, nec	123.7	116.4	124.6	124.5	120.0
234	Women's and children's undergarments	76.9	74.9	79.3	78.3	76.9
2341	Women's and children's underwear	62.4	60.6	64.5	63.9	62.4
2342	Brassieres and allied garments	14.6	14.3	14.7	14.4	14.5
235	Children's outerwear	55.7	53.9	55.9	56.3	56.0
2361	Children's dresses and blouses	24.9	24.3	25.3	25.6	25.4
238	Misc. apparel and accessories	42.1	41.9	43.1	41.8	41.2
239	Misc. fabricated textile products	116.5	115.2	121.7	119.1	115.3
2391	Curtains and draperies	22.5	21.6	24.0	23.7	23.4
2392	House furnishings, nec	31.9	31.9	34.1	34.1	33.1
2396	Automotive and apparel trimmings	17.4	17.6	18.5	16.9	15.1
26	PAPER AND ALLIED PRODUCTS	161.0	158.7	161.8	159.7	158.3
261, 26	Paper and pulp mills	28.1	28.1	28.2	28.1	27.7
262	Paper mills, except building paper	25.3	25.1	25.5	25.3	25.0
263	Paperboard mills	6.0	5.9	6.0	5.8	5.8
264	Misc. converted paper products	77.9	75.2	78.1	76.8	77.0
265	Paperboard containers and boxes	49.1	49.5	49.5	49.0	47.8
27	PRINTING AND PUBLISHING	513.9	508.1	521.5	523.7	527.4
271	Newspapers	164.4	161.8	167.8	168.9	169.8
272	Periodicals	55.0	53.9	55.8	56.6	57.0
273	Books	54.7	54.7	53.3	54.2	55.1
274	Miscellaneous publishing	27.5	27.3	26.9	27.3	28.3
275	Commercial printing	137.5	135.2	140.7	140.7	141.1
2751	Commercial printing, letterpress	57.7	56.8	59.4	59.7	59.8
2752	Commercial printing, lithographic	73.4	72.7	74.8	74.5	74.7
276	Manifold business forms	15.7	15.9	15.8	16.0	16.0
278	Blankbooks and bookbinding	32.6	32.3	33.5	32.7	32.8
279	Printing trade services	11.5	11.3	12.3	12.0	12.1
28	CHEMICALS AND ALLIED PRODUCTS	282.6	278.8	283.6	283.5	281.9
281	Industrial inorganic chemicals	24.5	24.3	24.4	24.7	24.4
2819	Industrial inorganic chemicals, nec	16.5	16.6	16.4	16.5	16.2
282	Plastics materials and synthetics	43.5	43.4	43.6	43.0	43.1
2821	Plastics materials and resins	11.6	11.5	11.7	11.6	11.5
2824	Organic fibers, noncellulosic	25.2	25.4	25.3	25.1	25.3
283	Drugs	86.1	83.6	86.8	86.6	86.3
2834	Pharmaceutical preparations	72.1	70.3	72.7	72.5	72.5
284	Soap, cleaners, and toilet goods	56.7	57.3	56.7	56.9	55.7
2841	Soap and other detergents	9.3	9.5	9.3	9.3	9.2
2844	Toilet preparations	33.9	34.1	34.2	34.1	33.6
285	Paints and allied products	12.5	12.4	12.6	12.3	12.2
286	Industrial organic chemicals	26.6	25.8	27.2	27.5	27.6
2861-9	Gum, wood, and industrial organic chemicals, nec	22.3	21.4	22.8	23.2	23.3
287	Agricultural chemicals	10.9	10.5	10.8	10.8	10.9
289	Miscellaneous chemical products	21.7	21.5	21.5	21.7	21.7

B-3. Women employees on nonagricultural payrolls by industry – Continued

(In thousands)

1972 SIC Code	Industry	Aug. 1981	Dec. 1980	Oct. 1981	Nov. 1981	Dec. 1981
29	PETROLEUM AND COAL PRODUCTS	30.4	28.7	31.8	31.1	31.2
291	Petroleum refining	25.2	23.6	25.7	25.9	26.1
30	RUBBER AND MISC. PLASTICS PRODUCTS	257.2	251.1	260.1	255.1	249.4
301	Tires and inner tubes	11.7	11.6	11.5	11.4	11.5
302	Rubber and plastics footwear	12.4	13.0	11.3	12.4	12.4
303.4	Reclaimed rubber; and rubber and plastics hose and belting	6.4	5.9	6.7	6.4	6.2
306	Fabricated rubber products, nec	36.5	35.8	37.3	36.3	34.9
307	Miscellaneous plastics products	190.2	184.8	193.3	188.6	184.4
31	LEATHER AND LEATHER PRODUCTS	138.8	136.5	141.4	139.7	133.3
311	Leather tanning and finishing	2.9	2.8	3.0	2.9	2.9
314	Footwear, except rubber	94.2	92.3	94.9	93.7	89.4
3141	Men's footwear, except athletic	35.9	35.4	36.7	36.7	34.3
3144	Women's footwear, except athletic	35.5	34.8	35.0	34.8	33.6
315	Leather gloves and mittens	8.1	7.9	8.3	8.1	7.8
317	Handbags and personal leather goods	20.1	20.0	21.2	20.5	19.4
	TRANSPORTATION AND PUBLIC UTILITIES	1,337	1,318	1,363	1,361	1,365
41	LOCAL AND INTERURBAN PASSENGER TRANSIT	69.7	72.2	81.1	81.2	81.0
413	Local and suburban transportation	15.7	14.9	16.7	16.2	17.1
412	Taxicabs	7.1	7.2	7.1	7.2	7.3
415	Intercity highway transportation	5.0	5.2	4.9	4.9	5.0
417	School buses	39.2	42.4	49.5	50.0	48.8
42	TRUCKING AND WAREHOUSING	154.1	153.9	154.7	156.1	157.5
421,3	Trucking and trucking terminals	136.1	138.2	135.9	137.8	140.1
422	Public warehousing	18.0	15.7	18.8	18.3	17.4
44	WATER TRANSPORTATION	22.5	20.3	23.3	23.3	23.6
45	TRANSPORTATION BY AIR	150.6	147.7	150.1	147.8	146.9
451,2	Air transportation	141.7	139.1	140.9	138.8	137.7
46	PIPE LINES, EXCEPT NATURAL GAS	3.2	3.0	3.3	3.4	3.4
47	TRANSPORTATION SERVICES	101.8	91.4	108.7	107.3	107.3
48	COMMUNICATION	642.6	639.2	647.3	648.4	650.9
481	Telephone communication	553.2	551.2	553.6	553.9	555.6
483	Radio and television broadcasting	89.0	85.7	87.4	88.4	89.7
49	ELECTRIC, GAS, AND SANITARY SERVICES	166.4	157.8	168.9	169.1	169.9
491	Electric services	77.3	74.6	79.1	79.2	79.9
492	Gas production and distribution	38.9	37.1	39.5	39.5	39.4
493	Combination utility services	35.3	35.3	38.8	39.0	39.0
496	Sanitary services	5.2	5.9	6.5	6.5	6.6
	WHOLESALE AND RETAIL TRADE	9,127	9,009	9,315	9,433	9,436
50,51	WHOLESALE TRADE	1,392	1,392	1,418	1,424	1,414
50	WHOLESALE TRADE DURABLE GOODS	774	764	783	788	790
501	Motor vehicles and automotive equipment	89.5	88.8	91.1	90.9	90.8
502	Furniture and home furnishings	46.0	44.6	47.6	48.5	48.6
503	Lumber and construction materials	36.6	35.4	37.0	37.5	37.9
504	Sporting goods, toys, and hobby goods	25.3	24.3	25.8	26.0	25.9
505	Metals and minerals, except petroleum	29.9	29.5	30.9	30.0	30.1
506	Electrical goods	123.7	123.1	125.2	126.7	127.2
507	Hardware, plumbing, and heating equipment	66.2	65.5	66.6	66.4	66.5
508	Machinery, equipment, and supplies	309.8	304.4	312.7	315.3	316.7
509	Miscellaneous durable goods	47.2	47.9	47.2	47.0	46.6
51	WHOLESALE TRADE NONDURABLE GOODS	618	628	635	636	624
511	Paper and paper products	48.9	47.7	49.2	49.9	50.0
512	Drugs, proprietaries, and sundries	65.9	65.0	66.4	66.6	66.6
513	Apparel, piece goods, and notions	82.5	82.8	83.7	83.8	82.6
514	Groceries and related products	159.7	159.2	163.2	163.3	158.7
516	Chemicals and allied products	35.3	35.3	35.2	36.0	35.6
517	Petroleum and petroleum products	52.5	53.1	52.9	53.3	53.2
518	Beer, wine, and distilled beverages	22.0	22.1	21.9	22.2	22.2
519	Miscellaneous nondurable goods	115.2	115.0	119.1	118.1	116.5

ESTABLISHMENT DATA
WOMEN EMPLOYEES

B-3. Women employees on nonagricultural payrolls by industry – Continued

(In thousands)

1972 SIC Code	Industry	Avg. 1981	Dec. 1980	Oct. 1981	Nov. 1981	Dec. 1981
52-59	RETAIL TRADE	7,735	8,057	7,697	8,009	8,222
52	BUILDING MATERIALS AND GARDEN SUPPLIES	163.3	155.9	163.8	162.7	163.0
521	Lumber and other building materials	65.9	66.3	66.3	66.0	65.4
525	Hardware stores	55.8	57.4	56.2	56.5	57.9
53	GENERAL MERCHANDISE STORES	1,529.9	1,726.9	1,557.4	1,607.1	1,701.5
531	Department stores	1,252.4	1,448.8	1,278.3	1,319.5	1,398.5
533	Variety stores	194.5	219.1	193.6	197.6	208.9
539	Misc. general merchandise stores	83.0	93.0	85.5	90.0	98.1
54	FOOD STORES	1,056.8	1,064.4	1,074.2	1,087.1	1,098.6
541	Grocery stores	884.6	886.3	898.8	908.1	913.0
542	Meat markets and freezer provisioners	17.0	17.7	16.7	16.9	16.9
546	Retail bakeries	80.5	81.7	81.6	82.1	82.6
55	AUTOMOTIVE DEALERS AND SERVICE STATIONS	309.5	335.4	314.9	313.9	317.6
551,2	New and used car dealers	113.2	113.0	114.0	113.2	112.9
553	Auto and home supply stores	49.6	50.9	50.3	50.2	52.4
554	Gasoline service stations	131.6	127.5	135.9	136.3	138.3
56	APPAREL AND ACCESSORY STORES	683.9	792.5	686.5	713.0	770.3
560	Men's and boys' clothing and furnishings	59.7	69.7	59.7	61.9	70.0
562	Women's ready-to-wear stores	316.6	352.9	318.3	329.6	352.2
565	Family clothing stores	143.3	163.3	142.8	151.5	169.8
566	Shoe stores	84.7	89.5	84.6	86.1	90.2
57	FURNITURE AND HOME FURNISHING STORES	208.7	214.3	212.2	215.2	217.8
571	Furniture and home furnishing stores	139.0	141.3	141.2	141.7	142.4
572	Household appliance stores	23.4	24.6	23.8	25.1	25.3
573	Radio, television, and music stores	46.1	48.4	47.2	48.4	50.1
58	EATING AND DRINKING PLACES	2,711.8	2,861.9	2,784.3	2,771.3	2,767.8
59	MISCELLANEOUS RETAIL	1,071.3	1,124.8	1,104.1	1,138.3	1,185.2
591	Drug stores and proprietary stores	307.2	314.0	312.1	316.6	322.8
592	Liquor stores	34.4	33.1	36.0	37.1	39.0
594	Miscellaneous shopping goods stores	384.5	421.6	397.0	413.1	444.4
596	Nonstore retailers	169.1	177.3	181.8	192.4	194.4
598	Fuel and ice dealers	23.6	24.4	23.9	24.0	24.5
599	Retail stores, nec	132.1	134.8	133.3	135.3	140.5
	FINANCE, INSURANCE, AND REAL ESTATE	3,171	3,133	3,184	3,197	3,204
60	BANKING	1,155.3	1,133.6	1,160.4	1,164.6	1,165.2
602	Commercial and stock savings banks	1,062.4	1,043.3	1,067.1	1,071.0	1,071.3
61	CREDIT AGENCIES OTHER THAN BANKS	397.2	387.1	398.0	398.9	400.3
612	Savings and loan associations	198.9	193.2	200.3	202.0	203.8
614	Personal credit institutions	127.2	122.5	126.6	126.0	125.6
62	SECURITY, COMMODITY BROKERS AND SERVICES	104.1	97.1	107.6	109.0	110.2
621	Security brokers and dealers	85.1	78.2	88.7	89.7	91.0
63	INSURANCE CARRIERS	755.7	752.0	756.3	756.4	758.6
631	Life insurance	299.7	294.6	301.4	302.5	304.3
632	Mutual accident and health insurance	104.7	104.9	104.1	103.8	103.7
633	Fire, marine, and casualty insurance	302.2	302.6	301.9	302.3	303.1
64	INSURANCE AGENTS, BROKERS AND SERVICE	294.5	287.4	298.3	299.5	299.7
65	REAL ESTATE	383.9	369.0	387.1	386.6	387.7
651	Real estate operators and lessors	150.4	142.7	152.4	152.4	155.2
653	Real estate agents and managers	180.3	176.4	181.3	181.3	179.8
655	Subdividers and developers	38.3	35.1	38.8	38.7	38.6
66	COMBINED REAL ESTATE, INSURANCE, ETC.	12.8	13.5	12.5	12.6	12.8
67	HOLDING AND OTHER INVESTMENT OFFICES	67.2	63.3	69.3	68.9	69.6
	SERVICES	10,960	10,696	11,134	11,136	11,116
70	HOTELS AND OTHER LODGING PLACES	600.4	553.6	589.6	574.8	558.4
701	Hotels, motels, and tourist courts	577.9	534.0	581.7	557.4	540.5

B-3. Women employees on nonagricultural payrolls by industry – Continued

(In thousands)

1972 SIC Code	Industry	Avg. 1981	Dec. 1980	Oct. 1981	Nov. 1981	Dec. 1981
72	PERSONAL SERVICES	616.3	615.4	622.5	624.2	622.3
721	Laundry, cleaning, and garment services	224.9	226.3	226.5	227.4	225.9
723	Beauty shops	259.7	256.3	258.2	258.5	261.3
726	Funeral service and crematories	19.6	19.1	20.0	20.2	20.2
73	BUSINESS SERVICES	1,440.3	1,406.8	1,485.0	1,482.1	1,486.0
731	Advertising	74.5	72.7	78.7	75.4	75.9
732	Credit reporting and collection	51.1	52.4	50.7	50.3	50.3
733	Mailing, reproduction, stenographic	63.8	62.4	67.0	67.0	66.1
734	Services to buildings	198.0	137.9	204.3	206.6	208.3
736	Personnel supply services	371.9	375.3	384.6	371.2	373.5
737	Computer and data processing services	162.9	150.4	168.8	171.4	173.4
75	AUTO REPAIR, SERVICES, AND GARAGES	96.6	96.5	96.9	96.3	95.9
753	Automotive repair shops	43.9	42.2	45.0	44.6	45.3
76	MISCELLANEOUS REPAIR SERVICES	58.8	60.8	59.6	59.3	59.5
78	MOTION PICTURES	86.4	73.3	85.7	83.5	82.2
781	Motion picture production and services	23.0	24.3	24.0	25.1	23.7
783	Motion picture theaters	57.5	48.0	55.6	52.3	52.3
79	AMUSEMENT AND RECREATION SERVICES	312.7	267.0	297.0	289.2	295.3
80	HEALTH SERVICES	4,505.2	4,387.5	4,576.6	4,591.7	4,594.8
801	Offices of physicians	609.3	594.9	619.4	619.8	620.8
802	Offices of dentists	304.7	297.3	310.0	313.4	312.6
805	Nursing and personal care facilities	931.3	911.9	942.1	944.6	948.1
806	Hospitals	2,332.6	2,256.4	2,372.4	2,379.3	2,380.4
81	LEGAL SERVICES	379.8	367.5	385.8	388.5	387.2
82	EDUCATIONAL SERVICES	602.7	638.9	649.0	657.5	644.0
821	Elementary and secondary schools	186.2	230.7	184.5	185.3	184.1
822	Colleges and universities	347.7	359.8	394.1	401.2	388.6
83	SOCIAL SERVICES	881.3	874.8	889.6	893.8	896.3
89	MISCELLANEOUS SERVICES	348.5	329.9	348.9	350.4	352.9
891	Engineering and architectural services	124.1	118.1	124.6	125.1	125.7
893	Accounting, auditing, and bookkeeping	162.5	152.1	164.3	165.1	167.0
	GOVERNMENT	7,705	7,981	7,717	7,815	7,804
	FEDERAL GOVERNMENT	878	877	865	862	868
	STATE AND LOCAL GOVERNMENT	6,827	7,104	6,852	6,953	6,936
	State government	1,627.9	1,674.3	1,661.1	1,672.1	1,661.7
	Hospitals	335.3	333.2	336.2	336.3	337.3
	State education	946.1	701.5	682.2	695.7	684.4
	General administration, including executive, legislative, and judicial functions	433.2	424.4	433.2	431.6	432.0
	Local government	5,199.4	5,429.8	5,190.4	5,280.7	5,274.7
	Transportation and public utilities	103.1	99.4	102.9	104.9	105.8
	Hospitals	511.0	499.5	516.1	517.4	519.5
	Local education	3,360.2	3,609.3	3,420.6	3,497.9	3,493.7
	General administration, including executive, legislative, and judicial functions	1,005.2	991.2	958.8	968.3	961.9

ESTABLISHMENT DATA
SEASONALLY ADJUSTED EMPLOYMENT

B-4. Employees on nonagricultural payrolls by industry division and major manufacturing group, seasonally adjusted

(In thousands)

Industry division and group	1981											1982	
	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan. [P]	Feb. [P]
TOTAL	91,258	91,347	91,458	91,564	91,615	91,660	91,901	92,033	91,832	91,522	91,113	90,839	90,935
GOODS PRODUCING	25,657	25,705	25,730	25,705	25,818	25,939	25,931	25,930	25,562	25,418	25,104	24,764	24,789
MINING	1,091	1,098	950	957	1,110	1,132	1,151	1,162	1,162	1,172	1,175	1,168	1,161
CONSTRUCTION	4,389	4,416	4,418	4,334	4,284	4,272	4,275	4,272	4,259	4,229	4,193	4,068	4,145
MANUFACTURING	20,177	20,191	20,332	20,414	20,424	20,535	20,505	20,496	20,241	20,017	19,736	19,528	19,482
DURABLE GOODS	12,074	12,099	12,237	12,254	12,278	12,333	12,332	12,311	12,115	11,932	11,719	11,578	11,555
Lumber and wood products	691	692	732	710	699	702	686	677	652	634	619	612	618
Furniture and fixtures	466	467	478	484	486	488	487	485	480	470	464	457	451
Stone, clay, and glass products	654	651	656	658	658	658	663	655	644	634	622	609	607
Primary metal industries	1,140	1,141	1,145	1,142	1,144	1,140	1,148	1,139	1,114	1,090	1,058	1,039	1,030
Fabricated metal products	1,577	1,581	1,595	1,604	1,604	1,614	1,610	1,606	1,575	1,546	1,516	1,501	1,498
Machinery, except electrical	2,481	2,480	2,491	2,511	2,521	2,533	2,542	2,551	2,549	2,522	2,488	2,452	2,441
Electric and electronic equipment	2,110	2,117	2,134	2,143	2,148	2,163	2,166	2,163	2,150	2,119	2,089	2,083	2,084
Transportation equipment	1,833	1,849	1,878	1,872	1,886	1,886	1,889	1,889	1,811	1,783	1,725	1,706	1,722
Instruments and related products	711	712	714	716	717	723	727	727	723	719	717	712	709
Miscellaneous manufacturing ind.	411	409	414	414	415	426	417	419	417	415	416	407	399
NONDURABLE GOODS	8,103	8,092	8,125	8,160	8,146	8,202	8,173	8,185	8,126	8,085	8,022	7,950	7,927
Food and kindred products	1,705	1,691	1,697	1,703	1,673	1,691	1,668	1,669	1,675	1,676	1,669	1,663	1,672
Tobacco manufactures	72	72	72	71	71	71	73	71	70	70	70	71	70
Textile mill products	839	838	842	843	845	856	849	849	833	823	812	795	789
Apparel and other textile products	1,243	1,243	1,250	1,258	1,264	1,278	1,272	1,273	1,259	1,251	1,233	1,208	1,204
Paper and allied products	691	689	691	694	695	696	698	703	691	686	682	677	673
Printing and publishing	1,272	1,276	1,280	1,283	1,284	1,290	1,295	1,301	1,302	1,302	1,302	1,300	1,305
Chemicals and allied products	1,109	1,108	1,107	1,109	1,111	1,110	1,106	1,112	1,108	1,104	1,100	1,093	1,093
Petroleum and coal products	210	210	211	213	212	212	212	211	210	210	208	204	199
Rubber and misc. plastic products	731	734	744	753	757	760	764	760	748	733	722	717	704
Leather and leather products	231	231	231	233	233	238	236	236	234	230	224	222	218
SERVICE PRODUCING	65,601	65,642	65,758	65,859	65,797	65,941	65,970	66,103	66,170	66,104	66,009	66,075	66,147
TRANSPORTATION AND PUBLIC UTILITIES	5,135	5,139	5,161	5,148	5,149	5,167	5,170	5,186	5,168	5,147	5,122	5,120	5,114
WHOLESALE AND RETAIL TRADE	20,600	20,635	20,636	20,714	20,717	20,796	20,862	20,872	20,916	20,838	20,735	20,843	20,905
WHOLESALE TRADE	5,313	5,316	5,333	5,346	5,349	5,360	5,375	5,370	5,360	5,363	5,336	5,324	5,324
RETAIL TRADE	15,287	15,319	15,303	15,368	15,368	15,436	15,487	15,502	15,556	15,475	15,399	15,519	15,581
FINANCE, INSURANCE, AND REAL ESTATE	5,283	5,293	5,316	5,326	5,341	5,344	5,354	5,359	5,360	5,355	5,366	5,361	5,362
SERVICES	18,343	18,371	18,475	18,540	18,560	18,642	18,667	18,774	18,788	18,838	18,856	18,849	18,932
GOVERNMENT	16,240	16,204	16,170	16,131	16,040	15,992	15,917	15,905	15,938	15,926	15,930	15,902	15,864
FEDERAL	2,795	2,781	2,767	2,779	2,781	2,777	2,770	2,765	2,759	2,746	2,741	2,738	2,731
STATE AND LOCAL	13,445	13,423	13,403	13,352	13,259	13,215	13,147	13,140	13,179	13,178	13,189	13,164	13,133

[P] preliminary

B-5. Women employees on nonagricultural payrolls by industry division and major manufacturing group, seasonally adjusted

(In thousands)

Industry division and group	1980	1981											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
TOTAL	38,657	38,780	38,877	38,931	38,987	39,388	39,264	39,469	39,482	39,467	39,459	39,331	39,239
GOODS PRODUCING	6,795	6,806	6,814	6,823	6,879	6,915	6,935	7,015	6,999	6,986	6,939	6,868	6,803
MINING	113	115	117	119	119	116	124	127	129	132	134	135	137
CONSTRUCTION	390	391	392	398	397	397	398	402	401	401	400	399	403
MANUFACTURING	6,292	6,300	6,305	6,310	6,367	6,402	6,414	6,487	6,469	6,453	6,405	6,334	6,263
DURABLE GOODS	3,000	3,008	3,013	3,020	3,058	3,073	3,087	3,116	3,118	3,104	3,073	3,023	2,980
Lumber and wood products	103	104	104	104	106	108	107	108	105	103	100	97	95
Furniture and fixtures	139	139	141	141	145	146	148	149	148	146	146	142	140
Stone, clay, and glass products	125	126	127	126	127	128	129	131	131	130	129	126	126
Primary metal industries	124	124	124	124	127	128	127	125	128	126	122	118	115
Fabricated metal products	331	330	331	333	337	341	342	345	345	343	334	325	318
Machinery, except electrical	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Electric and electronic equipment	892	897	898	902	912	915	916	926	925	925	918	901	889
Transportation equipment	291	294	296	295	302	303	309	311	314	309	304	299	291
Instruments and related products	304	303	302	302	303	305	304	308	310	309	307	306	305
Miscellaneous manufacturing, nec	191	192	191	191	192	194	193	200	195	194	193	193	194
NONDURABLE GOODS	3,292	3,292	3,292	3,290	3,313	3,329	3,327	3,371	3,351	3,349	3,332	3,311	3,283
Food and kindred products	505	505	505	500	505	507	495	504	496	490	500	502	500
Tobacco manufactures	25	26	26	26	26	26	26	26	27	26	26	25	25
Textile mill products	398	397	396	395	398	399	400	405	402	403	396	391	385
Apparel and other textile products	1,006	1,004	1,001	1,001	1,006	1,012	1,019	1,033	1,025	1,028	1,016	1,010	996
Paper and allied products	159	159	160	160	161	162	160	163	164	165	161	159	159
Printing and publishing	504	504	505	507	513	511	512	515	517	519	522	521	523
Chemicals and allied products	280	281	282	283	282	282	283	283	282	283	283	283	283
Petroleum and coal products	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Rubber and misc. plastics products	249	250	250	252	257	261	263	268	267	264	257	251	247
Leather and leather products	137	137	138	137	137	139	139	144	141	141	140	138	134
SERVICE PRODUCING	31,862	31,974	32,063	32,108	32,109	32,173	32,329	32,453	32,483	32,481	32,520	32,463	32,439
TRANSPORTATION AND PUBLIC UTILITIES	1,311	1,310	1,314	1,318	1,327	1,329	1,335	1,340	1,345	1,356	1,355	1,350	1,357
WHOLESALE AND RETAIL TRADE	8,946	8,998	9,031	9,051	8,993	9,024	9,166	9,207	9,237	9,251	9,261	9,192	9,127
WHOLESALE TRADE	1,376	1,375	1,378	1,377	1,388	1,389	1,388	1,393	1,403	1,405	1,403	1,409	1,400
RETAIL TRADE	7,568	7,623	7,653	7,674	7,602	7,635	7,778	7,814	7,834	7,846	7,858	7,783	7,727
FINANCE, INSURANCE, AND REAL ESTATE	3,103	3,120	3,130	3,138	3,153	3,169	3,172	3,184	3,185	3,198	3,199	3,230	3,234
SERVICES	10,720	10,765	10,803	10,830	10,882	10,936	10,924	10,973	10,990	11,057	11,101	11,125	11,138
GOVERNMENT	7,782	7,781	7,735	7,771	7,757	7,745	7,731	7,743	7,722	7,619	7,604	7,596	7,613
FEDERAL	887	887	885	878	877	877	876	878	877	877	873	872	879
STATE AND LOCAL	6,895	6,894	6,930	6,893	6,880	6,868	6,855	6,865	6,845	6,742	6,731	6,724	6,734

[1] This series is not published seasonally adjusted since the seasonal component is small relative to the trend-cycle and/or irregular components and consequently cannot be separated with sufficient precision.

ESTABLISHMENT DATA
SEASONALLY ADJUSTED EMPLOYMENT

B-6. Production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division and major manufacturing group, seasonally adjusted

(In thousands)

Industry division and group	1981											1982	
	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan. p	Feb. p
TOTAL PRIVATE	60,870	60,961	61,114	61,179	61,292	61,585	61,622	61,770	61,527	61,210	60,759	60,509	60,636
GOODS PRODUCING	18,298	18,346	18,338	18,317	18,387	18,476	18,459	18,458	18,185	17,934	17,611	17,304	17,357
MINING	806	813	689	694	819	834	850	857	854	862	864	853	844
CONSTRUCTION	3,439	3,459	3,462	3,376	3,323	3,315	3,315	3,316	3,301	3,275	3,233	3,117	3,181
MANUFACTURING	14,053	14,074	14,187	14,247	14,245	14,327	14,294	14,281	14,030	13,797	13,514	13,334	13,332
DURABLE GOODS	8,297	8,325	8,412	8,442	8,455	8,491	8,485	8,465	8,267	8,083	7,868	7,749	7,749
Lumber and wood products	576	577	586	593	585	585	571	563	540	521	506	498	507
Furniture and fixtures	376	376	386	392	393	396	395	391	385	376	370	363	359
Stone, clay, and glass products	503	501	526	507	506	508	513	505	495	485	473	460	460
Primary metal industries	879	879	884	880	882	879	883	877	851	828	799	782	777
Fabricated metal products	1,164	1,169	1,178	1,184	1,187	1,197	1,193	1,187	1,157	1,132	1,102	1,085	1,081
Machinery, except electrical	1,573	1,575	1,580	1,594	1,602	1,605	1,618	1,624	1,615	1,587	1,554	1,524	1,515
Electric and electronic equipment	1,326	1,334	1,345	1,353	1,354	1,365	1,364	1,362	1,307	1,308	1,278	1,276	1,279
Transportation equipment	1,176	1,190	1,218	1,210	1,218	1,213	1,217	1,221	1,147	1,121	1,064	1,049	1,066
Instruments and related products	419	420	422	423	422	427	426	426	423	418	417	414	412
Miscellaneous manufacturing ind.	305	304	307	306	306	316	308	309	307	307	305	298	293
NONDURABLE GOODS	5,756	5,749	5,775	5,805	5,790	5,836	5,809	5,816	5,763	5,714	5,646	5,585	5,583
Food and kindred products	1,168	1,158	1,164	1,170	1,144	1,160	1,140	1,140	1,149	1,149	1,141	1,134	1,146
Tobacco manufactures	55	56	56	55	56	55	57	56	55	55	54	56	55
Textile mill products	727	727	729	731	733	742	736	737	722	710	599	683	680
Apparel and other textile products	1,061	1,061	1,065	1,071	1,077	1,092	1,082	1,084	1,071	1,062	1,048	1,026	1,020
Paper and allied products	520	519	521	523	524	525	526	531	520	516	509	506	503
Printing and publishing	707	708	709	710	709	711	714	718	718	716	715	716	723
Chemicals and allied products	625	626	627	629	632	630	630	631	626	620	615	609	614
Petroleum and coal products	134	134	134	135	133	133	132	131	130	129	127	124	123
Rubber and misc. plastics products	564	566	575	584	585	586	592	588	573	561	551	547	537
Leather and leather products	195	194	195	197	197	202	200	200	199	196	189	186	182
SERVICE PRODUCING	42,572	42,615	42,776	42,862	42,905	43,109	43,163	43,316	43,342	43,276	43,148	43,205	43,279
TRANSPORTATION AND PUBLIC UTILITIES	4,270	4,268	4,291	4,272	4,269	4,284	4,284	4,305	4,277	4,263	4,235	4,225	4,225
WHOLESALE AND RETAIL TRADE	18,013	18,031	18,027	18,084	18,093	18,230	18,230	18,271	18,311	18,218	18,120	18,201	18,273
WHOLESALE TRADE	4,329	4,330	4,342	4,352	4,350	4,367	4,370	4,367	4,359	4,359	4,339	4,317	4,319
RETAIL TRADE	13,684	13,701	13,685	13,732	13,743	13,863	13,860	13,904	13,952	13,859	13,781	13,884	13,954
FINANCE, INSURANCE, AND REAL ESTATE	3,992	3,996	4,017	4,024	4,030	4,037	4,047	4,055	4,049	4,039	4,041	4,033	4,026
SERVICES	16,297	16,320	16,441	16,482	16,513	16,548	16,602	16,685	16,705	16,756	16,752	16,746	16,755

[1] For coverage of series, see footnote 1, table B-2.

B-7. Indexes of diffusion: Percent of industries in which employment[1] increased

Year and month	Over 1-month span	Over 3-month span	Over 6-month span	Over 12-month span
1979				
January	65.1	72.1	72.1	74.7
February	66.0	68.6	71.8	70.6
March	64.2	65.7	70.1	69.5
April	54.1	65.7	64.8	67.2
May	60.5	62.8	59.6	59.6
June	62.5	63.7	54.4	58.1
July	57.0	55.5	56.7	55.8
August	53.2	50.0	51.5	53.2
September	49.1	53.5	52.0	50.0
October	61.6	52.0	50.6	46.2
November	49.6	53.5	51.2	38.1
December	49.7	49.4	47.7	35.8
1980				
January	52.6	50.6	40.4	32.0
February	53.2	46.8	33.4	32.6
March	49.4	38.7	30.8	31.7
April	34.6	30.8	24.7	32.3
May	32.8	27.0	26.2	31.4
June	31.4	25.9	28.2	31.4
July	38.9	33.3	35.2	31.4
August	64.8	58.9	45.1	32.6
September	66.0	73.2	61.0	34.9
October	61.3	69.8	73.5	43.6
November	63.4	66.8	72.7	55.8
December	56.7	64.3	65.4	70.3
1981				
January	59.6	61.0	68.6	78.8
February	55.8	61.3	68.6	75.6
March	52.3	64.7	67.2	73.3
April	69.8	68.9	70.3	64.2
May	62.5	66.9	67.7	54.1
June	51.3	68.6	71.8	45.1
July	67.2	60.2	52.9	37.5p
August	49.7	66.6	38.7	34.6p
September	59.3	39.2	35.8	
October	30.2	33.1	26.2p	
November	27.9	23.8	28.2p	
December	29.9	21.8p		
1982				
January	29.4p	28.8p		
February	46.2p			
March				
April				
May				
June				
July				
August				
September				
October				
November				
December				

[1] Number of employees, seasonally adjusted, on payrolls of 172 private nonagricultural industries.

p = preliminary.

NOTE: Figures are the percent of industries with employment rising. (Half of the unchanged components are counted as rising.)

ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division

(In thousands)

State and area	Total			Mining			Construction			Manufacturing		
	JAN. 1981	DEC. 1981	JAN. 1982P	JAN. 1981	DEC. 1981	JAN. 1982P	JAN. 1981	DEC. 1981	JAN. 1982P	JAN. 1981	DEC. 1981	JAN. 1982P
1 **ALABAMA**	1,343.0	1,352.8	1,336.1	17.1	16.9	16.7	64.4	66.4	62.3	359.2	359.9	343.6
2 Birmingham	(*)	351.2	(*)	(*)	9.6	(*)	(*)	18.4	(*)	(*)	58.9	(*)
3 Huntsville	(*)	124.5	123.5	(2)	(2)	(2)	(*)	7.7	7.4	(*)	37.6	37.3
4 Mobile	151.2	151.5	149.4	(2)	(2)	(2)	11.5	9.3	9.0	29.4	31.0	30.4
5 Montgomery	105.7	106.7	105.5	(2)	(2)	(2)	5.7	5.8	5.7	16.1	15.9	15.9
6 Tuscaloosa	51.5	51.5	50.0	2.5	2.7	2.7	2.3	2.2	1.9	8.2	7.9	7.7
7 **ALASKA**	161.1	170.0	171.2	7.1	7.5	7.9	8.1	11.8	10.0	8.4	7.9	7.7
8 **ARIZONA**	(*)	1,060.4	1,040.1	(*)	24.9	22.3	(*)	65.2	63.8	(*)	159.4	157.3
9 Phoenix	(*)	570.8	560.5	(*)	.4	.4	(*)	45.1	44.2	(*)	115.6	114.2
10 Tucson	(*)	193.6	187.5	(*)	7.5	5.6	(*)	11.2	10.9	(*)	25.0	24.6
11 **ARKANSAS**	739.8	735.0	713.6	5.2	6.0	5.9	33.4	31.3	25.3	209.1	204.5	197.4
12 Fayetteville—Springdale	64.3	66.3	64.2	(2)	(2)	(2)	2.6	2.6	2.4	19.3	19.6	18.9
13 Fort Smith	66.3	66.2	65.4	1.0	1.1	1.1	2.6	2.4	2.2	21.0	20.5	20.3
14 Little Rock—North Little Rock	177.7	179.5	175.8	(2)	(2)	(2)	7.9	8.6	7.5	29.7	28.8	29.3
15 Pine Bluff	32.4	31.5	30.9	(2)	(2)	(2)	2.5	1.9	1.6	8.2	8.2	8.1
16 **CALIFORNIA**	9,984.6	10,167.6	10,005.1	45.4	49.2	49.1	433.0	422.4	402.7	1,982.2	1,986.2	1,951.4
17 Anaheim—Santa Ana—Garden Grove	853.9	879.0	865.6	2.6	2.8	2.8	49.2	48.0	45.2	222.3	223.6	221.9
18 Bakersfield	131.6	138.1	135.7	12.7	14.5	14.5	6.8	6.9	6.6	9.5	10.0	10.0
19 Fresno	178.9	183.1	179.6	.9	1.0	1.0	9.7	9.6	9.6	21.9	22.1	21.6
20 Los Angeles—Long Beach	3,632.5	3,680.0	3,617.7	13.4	14.8	14.9	125.2	115.9	119.6	537.3	536.2	524.9
21 Modesto	85.5	89.3	87.6	.1	.1	.1	5.4	5.2	4.9	16.9	18.4	18.0
22 Oxnard—Simi Valley—Ventura	155.0	163.2	161.9	2.6	3.0	3.0	7.5	7.2	6.9	24.2	25.9	25.7
23 Riverside—San Bernardino—Ontario	428.6	450.7	443.3	2.1	2.1	2.0	23.9	23.5	21.3	62.8	65.1	63.5
24 Sacramento	398.9	411.5	405.5	.6	.7	.7	17.3	17.1	15.9	26.2	26.4	25.1
25 Salinas—Seaside—Monterey	87.2	90.2	88.9	.4	.4	.4	3.2	3.2	3.2	7.9	8.0	7.8
26 San Diego	657.2	670.5	661.8	.6	.6	.6	35.9	33.7	32.6	108.6	108.7	108.1
27 San Francisco—Oakland	1,563.8	1,611.3	1,579.2	3.8	4.3	4.3	72.7	76.1	72.2	199.5	201.2	197.3
28 San Jose	680.9	700.1	692.6	.1	.1	.1	25.0	22.9	21.9	241.3	246.9	245.8
29 Santa Barbara—Santa Maria—Lompoc	120.7	125.4	123.9	1.6	1.6	1.6	4.8	4.9	4.7	17.0	17.5	17.3
30 Santa Rosa	93.2	97.9	95.2	.4	.5	.4	5.0	5.5	5.1	14.6	16.2	15.3
31 Stockton	117.3	121.8	118.9	.1	.1	.1	5.7	5.6	5.3	19.7	20.4	19.8
32 Vallejo—Fairfield—Napa	99.3	102.6	101.0	.5	.5	.5	4.9	5.0	4.6	10.4	10.4	10.4
33 **COLORADO**	1,258.5	1,298.3	1,278.2	39.8	43.9	42.9	72.1	73.2	69.9	183.0	185.1	183.2
34 Denver—Boulder	803.5	835.2	820.7	23.2	27.3	27.0	42.8	43.2	41.8	125.3	129.6	128.0
35 **CONNECTICUT**	1,418.4	1,447.1	(*)	(3)	(3)	(*)	42.9	52.3	(*)	442.0	438.9	(*)
36 Bridgeport	166.4	173.1	(*)	(3)	(3)	(*)	3.7	4.4	(*)	64.1	65.0	(*)
37 Hartford	393.9	403.4	(*)	(3)	(3)	(*)	10.2	12.0	(*)	99.8	93.7	(*)
38 New Britain	62.9	63.5	(*)	(3)	(3)	(*)	1.6	2.3	(*)	29.8	28.4	(*)
39 New Haven—West Haven	187.1	192.2	(*)	(3)	(3)	(*)	5.6	6.3	(*)	43.3	41.2	(*)
40 Stamford	110.3	114.3	(*)	(3)	(3)	(*)	5.3	5.9	(*)	32.4	32.2	(*)
41 Waterbury	86.1	88.6	(*)	(3)	(3)	(*)	2.2	2.7	(*)	31.8	32.0	(*)
42 **DELAWARE**	251.8	260.1	244.3	(2)	(2)	(2)	11.6	13.8	12.0	71.7	70.9	53.1
43 Wilmington	223.8	229.7	215.0	(2)	(2)	(2)	12.0	14.0	12.2	65.6	64.4	55.0
44 **DISTRICT OF COLUMBIA**	638.8	606.6	600.1	(2)	(2)	(2)	13.0	11.5	11.2	15.2	14.2	14.2
45 Washington SMSA	1,563.5	1,602.0	1,567.4	(2)	(2)	(2)	68.5	71.6	63.2	55.7	58.4	53.5
46 **FLORIDA**	(*)	3,823.9	3,804.0	10.5	11.0	10.7	(*)	282.8	273.2	(*)	471.1	469.3
47 Bradenton	(*)	49.0	48.3	-	-	-	(*)	4.9	4.8	(*)	7.3	6.9
48 Daytona Beach	(*)	79.5	79.3	(*)	(2)	(2)	(*)	5.3	5.0	(*)	9.5	9.3
49 Fort Lauderdale—Hollywood	(*)	359.9	359.7	(*)	(2)	(2)	(*)	27.5	26.8	(*)	41.6	41.4
50 Fort Myers—Cape Coral	(*)	71.6	71.9	(*)	(2)	(2)	(*)	8.2	8.3	(*)	3.8	3.8
51 Gainesville	(*)	70.2	69.5	(*)	(2)	(2)	(*)	3.1	2.9	(*)	4.6	4.5
52 Jacksonville	(*)	324.1	321.5	(*)	(2)	(2)	(*)	18.3	18.1	(*)	34.1	33.5
53 Lakeland—Winter Haven	(*)	123.9	124.1	(*)	5.3	5.8	(*)	9.8	9.8	(*)	24.4	24.4
54 Melbourne—Titusville—Cocoa	(*)	107.7	105.8	(*)	(2)	(2)	(*)	6.3	5.6	(*)	24.5	24.3
55 Miami	(*)	741.4	741.0	(*)	(2)	(2)	(*)	39.2	37.8	(*)	97.9	97.6
56 Orlando	(*)	301.9	299.2	(*)	(2)	(2)	(*)	19.4	18.4	(*)	39.2	39.3
57 Panama City	(*)	34.9	33.9	(*)	(2)	(2)	(*)	2.3	2.3	(*)	3.4	3.4
58 Pensacola	(*)	99.5	98.1	(*)	(2)	(2)	(*)	7.1	6.7	(*)	12.2	12.1
59 Sarasota	(*)	72.7	72.4	(*)	(2)	(2)	(*)	6.6	6.4	(*)	6.3	6.3
60 Tallahassee	(*)	77.4	73.8	(*)	(2)	(2)	(*)	3.1	3.2	(*)	3.3	3.3
61 Tampa—St. Petersburg	(*)	576.3	576.4	(*)	(2)	(2)	(*)	41.1	43.8	(*)	78.9	78.6
62 West Palm Beach—Boca Raton	(*)	228.5	228.4	(*)	(2)	(2)	(*)	20.2	19.8	(*)	29.1	29.2

See footnotes at end of table

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
JAN. 1981	DEC. 1981	JAN. 1982P	JAN. 1981	DEC. 1981	JAN. 1982P	JAN. 1981	DEC. 1981	JAN. 1982P	JAN. 1981	DEC. 1981	JAN. 1982P	JAN. 1981	DEC. 1981	JAN. 1982P	
70.6	71.5	70.3	268.3	277.7	274.1	58.9	59.3	59.2	206.7	212.4	211.7	297.8	292.7	292.2	1
(*)	29.1	(*)	(*)	86.6	(*)	(*)	22.8	(*)	(*)	69.3	(*)	(*)	56.5	(*)	2
(*)	2.7	2.7	(*)	22.8	22.1	(*)	3.5	3.5	(*)	18.6	19.1	(*)	35.6	35.7	3
10.2	10.3	10.3	36.6	36.9	36.1	7.2	7.2	7.3	28.7	29.9	29.6	27.6	26.9	26.7	4
4.4	4.5	4.4	23.5	24.0	23.3	6.2	6.3	6.2	20.5	20.9	20.8	29.3	29.3	29.2	5
1.8	1.7	1.7	10.0	10.4	9.9	1.7	1.7	1.7	6.7	6.5	6.5	18.3	18.4	17.9	6
16.4	17.4	17.4	28.6	32.0	30.6	8.0	8.7	8.6	28.7	31.4	30.8	55.8	59.2	58.2	7
(*)	55.3	55.0	(*)	267.7	264.2	(*)	62.4	62.4	(*)	220.0	220.1	(*)	205.6	195.3	8
(*)	34.1	33.8	(*)	179.0	177.1	(*)	48.3	48.3	(*)	145.3	145.5	(*)	103.3	97.0	9
(*)	9.0	8.9	(*)	44.7	43.5	(*)	8.9	8.9	(*)	42.4	42.4	(*)	44.0	42.7	10
42.5	43.6	42.1	158.5	162.1	157.1	30.9	31.9	31.7	115.2	115.3	113.4	144.9	139.6	137.7	11
3.8	3.9	3.8	15.5	16.5	16.1	2.3	2.3	2.2	9.4	9.7	9.5	11.4	11.4	11.3	12
3.6	3.5	3.5	13.9	14.6	14.4	2.5	2.6	2.6	12.4	11.9	11.9	9.3	9.6	9.4	13
13.7	13.4	13.2	42.0	43.2	41.2	12.4	12.7	12.7	33.8	35.7	35.6	38.2	37.1	37.1	14
4.1	3.9	3.8	6.5	6.4	6.2	1.3	1.3	1.3	4.9	5.3	5.2	6.9	6.6	6.7	15
541.5	554.1	549.5	2,274.0	2,416.5	2,332.6	637.5	656.2	653.2	2,192.4	2,314.5	2,293.5	1,781.6	1,768.5	1,763.1	16
28.3	30.1	29.6	207.3	219.8	214.2	60.2	63.3	62.9	175.3	185.6	183.1	109.3	106.1	104.9	17
8.0	8.2	8.0	33.7	35.5	34.1	5.0	5.3	5.3	23.9	25.2	24.9	32.0	32.7	32.3	18
10.9	11.1	10.8	47.0	49.7	48.1	11.3	11.7	11.6	36.2	37.9	37.6	41.3	40.3	39.3	19
197.8	199.3	197.1	813.6	856.5	822.7	238.4	242.4	241.1	852.0	875.3	870.4	484.8	469.8	466.3	20
3.8	3.9	3.8	21.4	22.8	22.0	3.4	3.6	3.6	17.2	17.9	18.0	17.3	17.4	17.2	21
6.5	7.1	7.2	36.9	40.3	39.9	8.0	8.5	8.5	31.1	33.0	32.7	38.2	38.3	38.0	22
25.7	26.8	26.4	107.4	113.8	110.4	19.6	20.2	20.1	93.0	96.4	96.3	103.9	102.8	102.7	23
21.6	22.7	22.4	92.9	98.7	95.5	22.3	22.8	22.7	75.2	79.3	78.9	142.8	143.7	143.3	24
5.1	5.0	4.9	22.4	24.3	23.3	4.3	4.4	4.3	19.3	20.2	19.9	24.5	24.7	25.1	25
28.8	29.8	29.7	149.9	156.3	151.9	39.8	41.3	41.3	150.3	157.3	156.4	143.3	142.8	141.2	26
128.3	131.3	129.7	359.7	381.0	367.0	148.2	153.7	152.4	360.5	378.3	373.5	291.1	286.4	285.1	27
21.7	22.8	22.4	128.4	139.4	132.2	28.2	28.9	28.7	153.5	159.9	159.5	82.7	82.2	82.0	28
5.0	5.4	5.3	28.7	30.4	29.5	5.8	6.3	6.0	32.8	34.6	34.5	25.0	25.0	25.0	29
4.7	5.0	4.8	27.7	29.1	28.5	6.0	6.3	6.0	19.6	20.3	20.1	20.2	20.3	20.0	30
8.0	9.1	7.7	26.8	28.2	27.9	5.3	5.4	5.4	24.2	25.4	25.3	27.5	27.6	27.4	31
4.6	4.5	4.4	21.0	23.2	22.4	3.3	3.5	3.4	19.7	20.0	20.0	34.0	35.5	35.3	32
79.5	82.5	81.9	306.3	318.6	310.0	78.7	80.4	80.7	260.9	270.3	269.4	240.4	244.4	239.3	33
55.6	57.7	57.3	192.3	199.4	194.3	55.5	57.3	57.4	173.4	181.1	180.0	135.2	139.5	135.0	34
60.7	61.8	(*)	297.3	312.8	(*)	107.9	113.3	(*)	281.6	292.2	(*)	186.9	183.8	(*)	35
6.0	6.1	(*)	34.6	36.3	(*)	7.7	7.8	(*)	33.5	36.6	(*)	16.8	16.9	(*)	36
14.2	14.8	(*)	82.9	88.6	(*)	61.6	62.6	(*)	72.4	76.2	(*)	52.8	55.5	(*)	37
3.1	3.3	(*)	10.1	10.7	(*)	1.8	1.9	(*)	10.3	10.2	(*)	6.2	6.7	(*)	38
15.5	16.2	(*)	39.6	42.4	(*)	10.9	11.2	(*)	47.3	50.3	(*)	24.9	25.0	(*)	39
4.5	4.6	(*)	25.1	26.8	(*)	8.1	8.5	(*)	24.7	26.0	(*)	10.2	10.3	(*)	40
3.1	3.2	(*)	15.5	16.5	(*)	3.7	3.8	(*)	18.3	18.9	(*)	11.1	11.5	(*)	41
12.0	12.1	11.7	53.7	57.8	54.5	12.4	12.9	12.8	46.8	48.6	47.6	44.2	44.0	42.7	42
11.6	11.9	11.4	46.2	48.8	46.7	11.5	12.0	12.0	41.9	43.6	42.8	35.9	35.1	34.1	43
25.5	26.5	26.1	64.2	64.9	63.6	35.1	34.2	33.3	182.1	189.0	186.2	273.7	266.3	265.5	44
67.4	72.5	71.2	301.8	323.6	315.6	91.0	91.5	90.4	429.1	449.8	444.3	550.3	534.6	524.2	45
(*)	234.5	233.8	(*)	1,030.1	1,024.1	(*)	277.3	276.6	(*)	899.8	905.7	(*)	617.3	611.6	46
(*)	1.5	1.5	(*)	12.3	12.4	(*)	3.7	3.7	(*)	9.5	9.3	(*)	10.1	9.7	47
(*)	3.3	3.2	(*)	22.4	22.4	(*)	4.7	4.7	(*)	20.3	20.7	(*)	15.0	15.0	48
(*)	17.8	17.9	(*)	105.2	105.1	(*)	31.9	32.4	(*)	87.3	87.6	(*)	48.6	48.5	49
(*)	4.4	4.4	(*)	20.4	20.4	(*)	6.5	6.6	(*)	16.6	16.8	(*)	11.6	11.6	50
(*)	1.7	1.7	(*)	14.9	14.6	(*)	3.2	3.1	(*)	14.5	14.5	(*)	28.2	28.2	51
(*)	25.0	25.0	(*)	79.9	78.4	(*)	28.1	27.8	(*)	64.5	64.8	(*)	54.0	53.8	52
(*)	5.4	5.4	(*)	31.2	30.0	(*)	6.7	6.9	(*)	24.2	24.2	(*)	16.9	17.6	53
(*)	4.6	4.6	(*)	23.3	22.5	(*)	4.3	4.3	(*)	26.5	26.4	(*)	18.2	18.1	54
(*)	72.5	72.7	(*)	197.7	196.8	(*)	57.6	57.6	(*)	182.0	182.5	(*)	95.5	96.0	55
(*)	15.5	15.5	(*)	82.9	82.0	(*)	20.4	20.5	(*)	80.8	79.8	(*)	43.7	43.8	56
(*)	2.2	2.2	(*)	9.4	9.0	(*)	1.6	1.6	(*)	6.8	6.7	(*)	8.7	8.7	57
(*)	4.9	4.8	(*)	24.9	24.2	(*)	4.3	4.3	(*)	20.6	20.9	(*)	25.6	25.1	58
(*)	3.3	3.3	(*)	22.4	22.0	(*)	6.0	6.1	(*)	19.1	18.2	(*)	10.0	10.1	59
(*)	3.1	3.1	(*)	16.2	15.8	(*)	3.5	3.5	(*)	13.7	13.4	(*)	34.8	31.7	60
(*)	32.8	32.4	(*)	161.2	161.4	(*)	41.4	42.1	(*)	136.9	137.8	(*)	84.0	83.4	61
(*)	9.6	9.6	(*)	61.9	61.9	(*)	19.0	18.9	(*)	57.0	57.5	(*)	31.7	31.5	62

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

State and area	Total			Mining			Construction			Manufacturing		
	JAN. 1981	DEC. 1981	JAN. 1982P	JAN. 1981	DEC. 1981	JAN. 1982P	JAN. 1981	DEC. 1981	JAN. 1982P	JAN. 1981	DEC. 1981	JAN. 1982P
1 **GEORGIA**[1]	2,150.2	2,165.4	(*)	7.6	7.8	(*)	100.2	97.1	(*)	514.2	509.7	(*)
2 Albany[1]	44.4	45.4	(*)	(2)	(2)	(*)	3.1	3.2	(*)	10.5	10.8	(*)
3 Atlanta[1]	962.0	982.7	(*)	(2)	(2)	(*)	41.3	40.9	(*)	143.6	144.9	(*)
4 Augusta[1]	123.2	125.5	(*)	(2)	(2)	(*)	5.1	4.4	(*)	35.6	36.1	(*)
5 Columbus[1]	79.3	78.5	(*)	(2)	(2)	(*)	3.7	4.3	(*)	21.2	19.6	(*)
6 Macon[1]	97.2	97.2	(*)	(2)	(2)	(*)	5.0	4.9	(*)	15.2	15.5	(*)
7 Savannah[1]	86.1	88.8	(*)	(2)	(2)	(*)	6.2	6.2	(*)	16.6	16.3	(*)
8 **HAWAII**[1]	(*)	406.6	397.3	(*)	(2)	(2)	(*)	21.1	20.6	(*)	22.2	21.6
9 Honolulu[1]	(*)	334.4	325.6	(*)	(2)	(2)	(*)	17.3	16.9	(*)	16.2	15.4
10 **IDAHO**[1]	322.9	323.7	313.7	4.9	4.3	4.3	15.0	15.7	14.1	52.0	49.5	47.8
11 Boise City[1]	77.4	75.3	73.4	(2)	(2)	(2)	5.5	5.0	4.7	8.3	8.4	8.2
12 **ILLINOIS**	4,753.7	4,827.7	4,718.0	31.5	32.1	31.3	157.2	191.9	155.3	1,179.2	1,143.5	1,122.4
13 Bloomington—Normal	50.2	51.8	50.4	(3)	(3)	(3)	1.5	1.5	1.3	6.7	7.2	7.0
14 Champaign–Urbana–Rantoul	72.7	76.6	72.0	(3)	(3)	(3)	1.3	1.4	1.3	7.6	7.7	7.6
15 Chicago—Gary	3,445.0	3,441.6	(*)	4.9	5.1	(*)	116.8	118.4	(*)	900.2	869.1	(*)
16 Chicago SMSA[4]	3,197.3	3,199.3	3,159.1	4.8	5.0	5.0	102.7	104.5	90.5	807.4	784.5	770.6
17 Davenport–Rock Island–Moline	161.9	160.1	149.1	(3)	(3)	(3)	6.6	7.3	5.4	49.3	45.3	36.5
18 Decatur	54.6	55.5	54.5	(3)	(3)	(3)	1.8	2.1	1.8	19.1	19.1	19.0
19 Kankakee	33.4	32.9	32.0	(3)	(3)	(3)	1.4	1.7	1.4	9.3	8.1	8.0
20 Peoria	146.3	148.1	145.5	(3)	(3)	(3)	6.1	6.5	5.8	47.6	47.4	47.2
21 Rockford	114.9	116.1	113.9	(3)	(3)	(3)	3.3	3.6	3.2	48.6	48.3	47.5
22 Springfield	85.3	87.4	85.9	(3)	(3)	(3)	3.4	3.8	3.4	5.9	6.4	6.4
23 **INDIANA**	2,098.1	2,081.5	2,033.1	9.2	9.0	8.4	77.4	82.1	71.2	657.6	624.5	617.2
24 Anderson	46.2	44.4	42.1	(2)	(2)	(2)	1.8	1.1	1.1	20.1	18.5	16.8
25 Elkhart	66.2	66.0	64.1	-	-	-	2.0	2.0	1.8	33.4	32.8	32.0
26 Evansville	125.7	125.5	123.6	2.9	2.6	2.6	6.1	7.1	6.2	36.3	34.4	34.2
27 Fort Wayne	170.5	168.2	164.8	(2)	(2)	(2)	7.1	7.3	6.5	53.7	50.5	50.3
28 Gary–Hammond–East Chicago[4]	247.7	242.2	239.4	(2)	(2)	(2)	14.1	13.8	13.2	92.8	84.6	85.0
29 Indianapolis	528.5	530.5	519.4	(2)	(2)	(2)	20.4	21.9	19.2	122.9	119.7	117.7
30 Lafayette—West Lafayette	57.6	58.3	57.2	(2)	(2)	(2)	2.0	2.7	2.2	11.2	11.2	11.0
31 Muncie	49.5	47.9	47.1	(2)	(2)	(2)	1.2	1.2	1.0	13.2	11.2	11.3
32 South Bend	106.9	106.2	103.8	(2)	(2)	(2)	4.6	4.9	3.6	30.1	30.0	29.3
33 Terre Haute	62.7	60.0	(*)	1.3	1.4	(*)	3.2	3.0	(*)	15.4	14.2	(*)
34 **IOWA**	1,077.4	1,085.1	1,048.1	1.6	1.8	1.2	39.5	40.6	34.4	237.3	229.3	220.3
35 Cedar Rapids[1]	82.1	80.3	79.1	(2)	(2)	(2)	2.8	3.1	2.6	26.9	25.1	25.2
36 Des Moines[1]	175.8	174.6	172.5	(2)	(2)	(2)	6.3	5.8	5.1	24.0	22.4	21.8
37 Dubuque[1]	41.7	41.5	36.7	(2)	(2)	(2)	1.1	1.1	.9	14.3	14.0	9.9
38 Sioux City[1]	48.3	49.7	48.7	(2)	(2)	(2)	1.8	1.8	1.5	8.9	9.2	9.7
39 Waterloo—Cedar Falls[1]	64.5	64.6	63.0	(2)	(2)	(2)	2.0	2.2	2.0	23.3	22.0	21.6
40 **KANSAS**[1]	938.8	953.8	926.8	17.6	19.6	20.3	40.8	40.8	34.6	188.8	184.3	185.0
41 Lawrence[1]	27.8	28.9	27.9	(3)	(3)	(3)	.8	.9	.7	4.7	4.5	4.6
42 Topeka[1]	85.0	85.5	83.9	.2	.1	.1	3.2	3.1	2.5	10.1	9.8	9.9
43 Wichita[1]	205.3	207.9	203.3	3.0	3.7	3.8	9.1	9.9	8.7	65.1	62.5	62.4
44 **KENTUCKY**[1]	(*)	1,193.5	1,174.6	(*)	54.1	53.1	(*)	48.7	42.0	(*)	255.6	261.9
45 Lexington—Fayette[1]	140.4	144.8	(*)	(2)	(2)	(*)	3.7	4.2	(*)	29.6	29.7	(*)
46 Louisville[1]	(*)	370.1	(*)	(*)	(2)	(*)	(*)	16.2	(*)	(*)	80.5	(*)
47 Owensboro[1]	30.7	30.3	28.3	1.0	.9	.8	1.7	1.3	1.2	6.7	6.4	6.2
48 **LOUISIANA**[1]	1,603.0	1,651.4	1,619.7	91.3	100.0	100.0	145.6	140.0	131.6	214.4	217.6	219.4
49 Alexandria[1]	52.1	54.4	53.3	(2)	(2)	(2)	3.9	3.8	3.6	5.5	5.7	5.3
50 Baton Rouge[1]	209.4	209.6	203.5	1.5	1.3	1.3	24.5	23.5	21.1	26.2	26.5	26.1
51 Lafayette[1]	82.7	94.2	93.1	16.9	19.2	19.7	5.4	5.6	5.5	4.3	5.0	5.1
52 Lake Charles[1]	65.8	71.1	69.0	2.3	2.5	2.6	8.3	9.8	8.7	13.6	12.7	13.5
53 Monroe[1]	51.1	50.6	48.7	.5	.7	.7	3.1	3.4	2.4	7.8	7.6	7.4
54 New Orleans[1]	503.4	522.0	516.2	18.1	23.9	20.8	33.8	30.1	29.8	53.9	51.8	50.3
55 Shreveport[1]	149.0	153.3	151.2	5.6	8.3	8.3	10.5	7.7	7.4	27.3	28.7	28.3
56 **MAINE**[1]	406.7	412.3	400.5	(2)	(2)	(2)	15.1	16.3	14.1	112.8	113.1	108.7
57 Lewiston—Auburn[1]	34.1	34.5	33.3	(2)	(2)	(2)	1.1	1.2	1.0	11.8	11.4	11.1
58 Portland[1]	90.2	94.9	92.2	(2)	(2)	(2)	3.2	3.5	3.3	18.5	17.5	17.6
59 **MARYLAND**[1]	1,688.6	1,706.6	1,647.1	(2)	(2)	(2)	91.4	88.8	75.6	233.9	223.4	217.7
60 Baltimore[1]	949.8	955.6	928.3	(2)	(2)	(2)	44.3	41.0	35.0	155.6	150.3	146.0

See footnotes at end of table

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
JAN. 1981	DEC. 1981	JAN. 1982P	JAN. 1981	DEC. 1981	JAN. 1982P	JAN. 1981	DEC. 1981	JAN. 1982P	JAN. 1981	DEC. 1981	JAN. 1982P	JAN. 1981	DEC. 1981	JAN. 1982P	
139.2	140.4	(*)	488.7	499.9	(*)	113.0	114.1	(*)	348.5	358.1	(*)	438.7	439.2	(*)	1
2.2	2.1	(*)	9.8	10.5	(*)	1.9	2.0	(*)	6.4	6.6	(*)	10.4	10.4	(*)	2
85.9	87.6	(*)	260.7	271.8	(*)	69.1	69.2	(*)	199.2	206.7	(*)	162.5	161.6	(*)	3
4.4	4.4	(*)	23.1	24.3	(*)	4.5	4.4	(*)	18.4	18.8	(*)	32.1	32.0	(*)	4
3.4	3.2	(*)	15.6	16.1	(*)	5.5	5.7	(*)	10.0	11.1	(*)	19.0	18.4	(*)	5
4.5	4.5	(*)	19.6	19.8	(*)	5.8	6.2	(*)	16.8	16.6	(*)	30.3	29.8	(*)	6
8.8	8.9	(*)	19.5	20.5	(*)	4.1	4.2	(*)	15.1	15.9	(*)	15.7	17.2	(*)	7
(*)	31.0	30.5	(*)	107.2	104.2	(*)	32.2	32.4	(*)	102.1	100.5	(*)	90.8	87.5	8
(*)	25.9	25.5	(*)	88.9	86.3	(*)	27.7	27.0	(*)	81.1	79.4	(*)	77.3	74.3	9
19.8	19.3	18.9	79.1	82.2	79.0	23.0	23.3	23.2	59.5	59.0	58.4	69.6	70.4	69.3	10
5.1	4.7	4.7	19.9	19.7	19.4	8.0	8.1	8.0	14.3	14.3	13.6	16.3	15.4	14.8	11
282.7	279.9	275.5	1,117.8	1,151.8	1,118.1	309.1	310.3	307.6	934.9	962.4	952.9	741.3	765.9	754.9	12
3.1	3.2	3.0	12.2	12.4	11.9	7.6	7.8	7.8	8.3	8.2	8.2	10.8	11.5	11.2	13
2.6	2.6	2.6	19.0	19.2	18.4	2.6	2.9	2.4	11.2	11.5	11.4	28.4	31.8	28.3	14
207.3	208.1	(*)	796.2	811.2	(*)	228.7	228.5	(*)	682.1	690.4	(*)	538.8	513.8	(*)	15
195.9	193.7	192.2	745.4	760.1	749.1	219.5	219.4	219.0	645.0	652.7	657.4	476.6	479.4	475.3	16
6.9	6.9	6.8	40.4	41.1	40.2	7.3	7.2	7.2	24.4	24.9	24.7	27.3	27.4	27.3	17
5.3	5.3	5.2	11.9	12.2	11.8	2.7	2.7	2.6	8.6	8.7	8.7	5.1	5.3	5.2	18
1.4	1.4	1.4	6.7	7.1	6.8	1.1	1.1	1.1	6.3	6.5	6.4	7.2	7.3	6.9	19
7.9	7.9	7.9	34.8	35.2	34.4	7.2	7.1	7.1	25.4	26.5	25.9	17.3	17.5	17.2	20
4.4	4.5	4.5	24.3	25.3	24.6	4.2	4.3	4.2	17.5	17.6	17.3	12.6	12.5	12.5	21
4.7	4.8	4.7	19.3	19.2	18.7	6.7	6.6	6.7	17.3	18.5	18.1	28.2	28.0	27.8	22
100.1	100.6	99.3	465.7	478.2	457.5	100.9	100.3	99.6	332.8	341.8	337.0	354.3	346.0	342.8	23
1.3	1.2	1.2	9.1	9.4	8.9	1.6	1.6	1.6	7.2	7.2	7.1	6.0	5.4	5.4	24
1.9	2.1	2.0	13.0	13.2	12.6	2.1	2.1	2.1	8.7	8.8	8.6	5.1	5.0	5.0	25
7.2	7.1	7.1	30.4	31.7	31.2	4.6	4.7	4.6	25.2	25.3	25.1	13.0	12.6	12.6	26
10.6	10.7	10.4	41.7	42.7	41.1	13.4	10.4	10.4	28.7	28.9	28.5	18.3	17.7	17.6	27
11.4	14.3	14.1	50.8	51.1	50.4	9.2	9.1	9.0	37.2	37.8	36.8	32.2	31.5	30.9	28
30.7	30.9	30.0	131.5	135.2	131.1	38.3	38.4	38.2	95.3	97.7	96.8	89.7	86.7	86.4	29
1.5	1.4	1.4	11.1	11.4	11.1	2.5	2.5	2.5	9.2	9.4	9.4	20.1	19.7	19.6	30
2.0	2.0	2.0	12.0	12.5	12.3	1.5	1.5	1.5	8.3	8.3	8.3	11.6	11.2	11.0	31
4.2	4.5	4.5	26.4	25.8	25.0	5.4	5.2	5.2	23.6	23.8	23.6	12.6	12.9	12.6	32
3.5	3.3	(*)	15.5	14.7	(*)	2.1	2.0	(*)	9.5	9.2	(*)	12.2	12.2	(*)	33
54.0	53.0	51.7	271.2	276.6	264.8	58.4	59.1	58.8	207.6	211.4	209.3	207.9	213.2	207.5	34
3.8	3.7	3.7	19.5	19.9	18.4	4.4	4.3	4.3	15.5	16.[illegible]	15.8	9.3	9.1	9.0	35
11.0	10.9	10.9	45.8	47.1	45.7	21.6	22.0	22.1	39.3	39.[illegible]	39.7	27.8	26.9	27.2	36
1.6	1.6	1.5	9.1	9.3	8.9	1.3	1.3	1.3	10.4	10.5	10.5	3.9	3.6	3.6	37
3.8	3.8	3.8	12.6	13.3	12.7	2.9	2.8	2.8	12.0	12.6	12.5	6.2	6.2	6.2	38
2.3	2.4	2.4	13.4	13.8	13.5	2.1	2.1	2.1	10.8	11.1	10.9	10.6	11.3	10.6	39
61.8	63.0	61.5	224.3	235.1	227.0	47.7	47.6	47.3	169.7	174.2	175.0	188.1	189.2	186.4	40
1.3	1.4	1.4	5.5	5.7	5.5	.8	.8	.8	3.8	4.2	4.1	13.9	14.3	13.8	41
8.3	8.0	7.9	18.5	18.9	18.4	6.9	6.8	6.9	17.4	17.9	17.7	21.7	21.7	21.5	42
10.3	10.2	10.2	45.3	48.8	46.1	9.6	9.6	9.5	38.7	40.2	40.3	24.2	23.3	22.8	43
(*)	67.3	66.3	(*)	268.3	256.4	(*)	51.3	51.1	(*)	216.3	215.3	(*)	231.0	228.5	44
7.5	7.6	(*)	33.3	34.7	(*)	7.8	7.7	(*)	26.7	27.4	(*)	32.3	33.5	(*)	45
(*)	22.1	(*)	(*)	91.9	(*)	(*)	23.3	(*)	(*)	80.2	(*)	(*)	58.1	(*)	46
2.3	2.4	2.3	7.1	7.0	6.4	1.2	1.3	1.3	5.9	6.3	5.4	4.8	4.7	4.7	47
124.7	132.3	130.3	359.9	380.8	371.5	75.3	75.4	75.2	275.7	294.7	293.6	316.1	313.6	308.1	48
2.4	2.4	2.3	11.3	12.1	11.7	2.9	3.0	3.0	10.8	11.4	11.4	15.3	16.0	16.0	49
11.3	11.3	11.1	45.7	48.8	47.3	11.2	12.4	12.3	34.3	36.4	36.7	53.7	49.4	47.6	50
6.0	7.1	7.0	20.8	24.9	24.4	2.7	3.4	3.3	15.2	17.9	17.6	11.4	11.1	10.6	51
3.8	4.4	4.3	14.5	16.0	15.4	2.7	3.1	3.0	9.7	11.2	11.2	10.9	11.4	11.3	52
2.9	2.6	2.6	13.4	13.2	12.7	4.0	3.9	3.9	8.3	8.8	8.6	11.4	10.4	10.4	53
51.6	55.9	55.8	125.7	133.2	130.3	30.3	31.2	31.1	110.3	116.7	116.7	79.7	82.2	81.4	54
10.3	9.1	8.7	35.7	36.3	35.6	7.1	6.9	7.0	27.8	30.2	29.9	24.7	26.1	26.0	55
18.2	17.9	17.8	83.6	88.6	85.1	16.5	17.2	17.3	76.6	77.8	76.1	83.9	84.4	81.4	56
1.2	1.2	1.2	7.8	8.2	7.7	1.6	1.8	1.7	7.5	7.6	7.6	3.1	3.1	3.0	57
5.5	5.6	5.5	23.5	26.2	24.9	7.3	7.7	7.7	19.5	21.4	20.9	12.7	13.0	12.3	58
85.6	87.6	85.6	396.2	419.5	400.9	91.4	93.7	92.6	362.8	376.4	368.4	430.3	417.2	406.3	59
58.0	58.0	57.2	215.8	229.7	221.8	56.8	58.0	57.5	193.3	200.6	197.5	226.0	218.0	213.3	60

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

State and area	Total			Mining			Construction			Manufacturing		
	JAN. 1981	DEC. 1981	JAN. 1982P	JAN. 1981	DEC. 1981	JAN. 1982P	JAN. 1981	DEC. 1981	JAN. 1982P	JAN. 1981	DEC. 1981	JAN. 1982P
MASSACHUSETTS	2,639.6	2,690.5	2,602.0	(1)	(2)	(2)	64.6	70.5	63.2	663.8	665.0	656.3
Boston	1,452.4	1,520.0	1,475.0	(2)	(2)	(2)	36.6	43.0	38.6	289.4	297.4	292.8
Brockton	56.5	58.6	57.4	(2)	(2)	(2)	1.3	1.3	1.1	12.4	12.9	12.3
Fall River	53.5	53.7	52.9	(2)	(2)	(2)	1.1	1.3	.9	19.8	19.4	19.5
Lawrence—Haverhill	111.7	113.1	109.6	(2)	(2)	(2)	2.4	3.0	2.4	44.6	43.1	42.3
Lowell	75.3	77.4	75.6	(2)	(2)	(2)	2.4	2.5	2.3	28.1	29.5	29.7
New Bedford	63.1	64.5	63.0	(2)	(2)	(2)	1.3	1.5	1.3	25.3	25.4	25.2
Springfield-Chicopee-Holyoke	226.6	235.6	226.4	(2)	(2)	(2)	5.9	5.9	5.1	64.0	62.6	61.8
Worcester	163.6	166.3	160.7	(2)	(2)	(2)	5.6	6.0	5.5	48.3	46.8	46.6
MICHIGAN	3,437.2	3,385.0	(*)	12.4	11.4	(*)	103.1	96.8	(*)	1,021.7	941.4	(*)
Ann Arbor	141.3	136.0	(*)	(2)	(2)	(*)	2.6	2.5	(*)	44.0	38.3	(*)
Battle Creek	63.3	62.8	(*)	(2)	(2)	(*)	1.4	1.5	(*)	21.2	20.5	(*)
Bay City	34.7	34.9	(*)	(2)	(2)	(*)	.9	.9	(*)	9.6	9.1	(*)
Detroit	1,665.9	1,636.1	(*)	1.2	1.0	(*)	45.2	45.2	(*)	488.7	445.5	(*)
Flint	197.0	190.4	(*)	(2)	(2)	(*)	6.6	7.5	(*)	77.3	73.7	(*)
Grand Rapids	266.2	272.7	(*)	(2)	(2)	(*)	9.8	10.5	(*)	91.7	91.6	(*)
Jackson	51.3	50.4	(*)	(2)	(2)	(*)	1.0	1.0	(*)	14.4	13.8	(*)
Kalamazoo—Portage	107.5	108.5	(*)	(2)	(2)	(*)	3.8	4.1	(*)	32.3	31.9	(*)
Lansing—East Lansing	191.5	195.8	(*)	(2)	(2)	(*)	5.4	4.2	(*)	40.3	42.9	(*)
Muskegon-Norton Shores-Musk. Hts.	60.1	59.2	(*)	(2)	(2)	(*)	1.7	1.8	(*)	20.8	19.2	(*)
Saginaw	86.2	82.6	(*)	(2)	(2)	(*)	2.0	1.8	(*)	31.6	27.9	(*)
MINNESOTA	1,726.3	1,769.5	1,712.7	14.8	13.4	12.9	59.2	62.5	52.7	361.1	363.2	357.3
Duluth—Superior	58.8	57.6	56.5	(2)	(2)	(2)	1.5	1.3	1.2	8.1	7.5	7.3
Minneapolis—St. Paul	1,085.4	1,114.0	1,085.2	(2)	(2)	(2)	36.0	34.9	30.0	243.0	248.6	245.8
Rochester	50.1	50.7	50.0	(3)	(3)	(3)	1.4	1.3	1.3	10.1	10.1	10.1
St. Cloud	55.0	54.9	53.7	(2)	(2)	(2)	2.4	2.4	2.1	12.2	11.3	11.4
MISSISSIPPI	915.9	821.9	806.9	11.5	12.9	12.8	38.6	43.9	39.7	218.9	217.9	213.1
Jackson	147.6	148.3	145.6	1.8	2.1	2.1	6.5	5.6	5.0	19.1	18.4	17.9
MISSOURI	1,936.3	1,967.5	1,926.8	7.0	7.4	6.9	73.9	84.7	72.7	428.0	419.4	415.2
Kansas City	617.8	612.8	597.0	.5	.5	.4	21.6	21.3	18.1	118.2	110.2	111.3
St. Joseph	36.9	35.4	34.6	(3)	(3)	(3)	1.6	1.6	1.4	9.2	8.0	7.7
St. Louis	984.1	992.1	965.9	3.4	3.5	3.3	41.0	41.1	35.9	235.0	227.9	225.3
Springfield	84.7	87.9	85.4	(3)	(3)	(3)	2.9	3.3	2.5	17.6	17.7	17.9
MONTANA	274.8	292.5	287.8	10.4	12.1	11.9	10.9	13.8	13.2	23.1	23.8	23.3
Billings	46.6	49.3	48.8	(2)	(2)	(2)	1.8	2.5	2.4	4.3	4.4	4.3
Great Falls	28.5	30.4	30.0	(2)	(2)	(2)	1.1	1.4	1.4	1.3	1.5	1.5
NEBRASKA	611.1	629.1	610.9	1.5	1.6	1.4	24.7	24.0	20.9	94.4	93.7	91.9
Lincoln	98.2	99.8	97.1	(3)	(3)	(3)	3.4	3.1	2.6	13.0	12.9	12.7
Omaha	258.7	265.2	257.9	(3)	(3)	(3)	9.3	9.2	7.7	35.4	34.7	34.3
NEVADA	(*)	417.3	411.8	(*)	7.9	7.7	(*)	23.9	23.0	(*)	20.7	20.6
Las Vegas	(*)	232.8	232.0	(*)	.6	.6	(*)	14.2	14.3	(*)	7.7	7.7
Reno	(*)	116.1	113.4	(*)	.7	.7	(*)	5.7	5.4	(*)	8.5	9.4
NEW HAMPSHIRE	(*)	397.1	388.5	(*)	(*)	(*)	(*)	(*)	(*)	(*)	115.5	114.2
Manchester	(*)	75.8	74.1	(*)	(3)	(3)	(*)	3.0	2.6	(*)	16.9	16.6
Nashua	(*)	68.5	67.3	(*)	(3)	(3)	(*)	2.7	2.5	(*)	31.3	30.8
NEW JERSEY	3,016.1	3,394.2	3,028.0	2.2	2.3	2.1	131.3	111.8	102.7	770.2	759.4	747.9
Atlantic City	92.1	98.8	96.6	-	-	-	4.8	4.1	3.9	8.1	7.6	7.4
Camden	324.7	331.8	326.3	.1	.1	.1	11.5	13.7	11.8	68.4	69.2	68.8
Hackensack	390.9	400.7	392.7	(2)	(2)	(2)	12.5	15.2	13.6	108.5	107.9	106.6
Jersey City	224.9	227.6	223.0	-	-	-	4.2	5.6	5.0	67.6	65.6	64.5
Long Branch—Asbury Park	159.7	166.5	162.7	(2)	(2)	(2)	6.4	8.3	7.7	25.2	25.4	24.7
New Bruns.-Perth Amboy-Sayreville	287.0	288.0	280.8	(2)	(2)	(2)	10.5	10.8	9.8	90.5	87.4	86.2
Newark	935.0	944.8	930.9	.7	.9	.8	31.3	30.5	28.5	244.2	237.4	235.2
Paterson—Clifton—Passaic	186.0	188.9	184.8	(2)	(2)	(2)	6.2	7.1	6.7	65.7	64.2	63.1
Trenton	162.1	162.0	158.7	(2)	(2)	(2)	2.7	3.3	3.1	34.2	33.3	32.2
Vineland—Millville—Bridgeton	54.4	53.7	52.4	(2)	(2)	(2)	1.8	2.0	1.9	17.2	17.4	16.6
NEW MEXICO	456.7	473.8	461.2	33.7	30.5	29.8	25.9	28.7	27.5	33.6	31.9	31.2
Albuquerque	185.4	190.0	185.1	(2)	(2)	(2)	11.4	11.6	10.7	17.6	17.5	16.4
Las Cruces	29.7	30.7	30.4	-	-	-	1.7	1.6	1.6	2.5	2.5	2.5
NEW YORK	7,099.4	7,355.7	7,183.2	5.5	6.3	5.6	178.4	210.9	187.9	1,405.0	1,413.8	1,384.9
Albany—Schenectady—Troy	331.2	338.8	331.2	(2)	(2)	(2)	8.7	9.0	7.9	56.9	54.2	53.4
Binghamton	114.7	119.8	118.6	(2)	(2)	(2)	3.2	3.6	3.2	41.8	44.4	44.1

See footnotes at end of table

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
JAN. 1981	DEC. 1981	JAN. 1982P	JAN. 1981	DEC. 1981	JAN. 1982P	JAN. 1981	DEC. 1981	JAN. 1982P	JAN. 1981	DEC. 1981	JAN. 1982P	JAN. 1981	DEC. 1981	JAN. 1982P	
123.2	126.6	123.8	566.9	601.6	570.4	160.3	164.9	165.2	632.0	682.7	658.8	398.8	379.2	364.3	1
74.4	74.3	74.1	317.2	332.6	321.3	110.9	114.7	115.0	416.8	461.1	443.7	207.1	196.9	192.8	2
3.7	3.6	3.6	15.2	16.1	15.8	1.9	1.9	2.0	10.2	11.2	10.7	11.8	11.6	11.3	3
1.9	2.1	2.0	11.0	11.6	11.2	2.7	2.8	2.9	9.3	9.5	9.5	7.7	7.0	6.9	4
4.7	4.7	4.5	21.5	22.7	22.0	4.2	4.4	4.4	17.0	18.9	18.0	16.4	16.3	15.5	5
3.2	3.2	3.2	15.7	16.2	15.5	2.0	2.1	2.1	12.0	12.6	12.0	11.0	11.3	10.8	6
2.4	2.9	2.8	11.7	12.2	12.6	2.0	2.0	2.0	9.3	9.8	9.6	11.1	10.7	10.5	7
9.2	9.5	9.3	46.8	50.7	47.9	13.3	13.6	13.6	44.6	48.0	46.7	42.8	45.3	42.0	8
7.3	7.6	7.6	34.8	37.5	35.7	9.3	9.6	9.6	32.1	34.5	31.8	26.2	24.3	23.9	9
148.7	143.3	(*)	724.4	742.7	(*)	156.6	153.0	(*)	651.2	672.6	(*)	619.2	623.8	(*)	10
3.1	3.3	(*)	19.0	18.5	(*)	4.2	4.0	(*)	23.0	23.6	(*)	44.5	45.6	(*)	11
2.3	2.3	(*)	10.7	11.1	(*)	3.8	3.8	(*)	11.3	11.5	(*)	12.3	12.1	(*)	12
1.7	1.7	(*)	8.3	8.6	(*)	1.3	1.3	(*)	7.3	8.0	(*)	5.6	5.3	(*)	13
79.5	76.1	(*)	364.1	378.9	(*)	90.6	89.0	(*)	350.5	362.1	(*)	246.0	238.2	(*)	14
6.2	6.1	(*)	41.3	41.5	(*)	6.5	6.7	(*)	30.0	29.4	(*)	29.1	28.6	(*)	15
11.4	11.5	(*)	61.2	64.9	(*)	10.8	10.7	(*)	47.6	50.5	(*)	33.7	33.2	(*)	16
5.1	5.2	(*)	19.3	19.5	(*)	1.7	1.7	(*)	9.4	9.4	(*)	9.4	8.9	(*)	17
3.5	3.8	(*)	21.3	21.5	(*)	3.7	3.9	(*)	21.8	22.4	(*)	21.1	20.8	(*)	18
5.6	5.6	(*)	34.8	35.7	(*)	9.4	9.3	(*)	28.7	29.7	(*)	67.2	68.3	(*)	19
3.1	3.1	(*)	11.6	12.5	(*)	1.8	1.8	(*)	9.6	9.7	(*)	11.5	11.1	(*)	20
4.9	4.8	(*)	17.7	18.6	(*)	4.1	4.3	(*)	14.1	14.7	(*)	11.8	10.8	(*)	21
97.7	96.0	93.8	427.1	442.2	423.3	95.0	96.8	96.7	366.2	385.9	377.3	305.1	303.5	298.7	22
5.9	6.0	5.5	16.1	15.4	14.9	2.2	2.1	2.1	12.8	13.2	13.3	12.2	11.9	12.0	23
64.3	63.0	62.1	267.7	278.2	267.1	70.8	72.3	72.2	242.0	256.9	250.8	161.6	160.0	157.2	24
1.9	1.9	1.9	10.4	10.8	10.5	1.4	1.4	1.5	19.0	19.7	19.7	5.8	5.4	5.4	25
3.5	3.3	3.3	13.6	13.7	13.3	1.9	1.9	1.9	9.9	10.7	10.5	11.9	11.5	11.1	26
39.8	40.6	40.4	160.5	167.5	161.4	32.5	33.2	33.0	119.9	121.7	121.0	194.1	187.2	185.4	27
10.0	10.0	10.0	34.7	35.7	34.7	11.1	11.2	11.1	29.6	30.5	30.1	34.8	34.7	34.7	28
136.8	137.1	136.2	454.9	472.0	456.8	107.2	108.6	108.1	390.4	404.6	399.8	338.1	333.7	331.1	29
51.5	51.0	50.4	159.5	162.7	154.4	44.1	44.6	44.2	127.6	131.2	129.4	94.7	91.3	88.8	30
2.2	2.2	2.2	9.0	8.8	8.5	1.9	1.9	2.0	6.8	6.6	6.6	6.2	6.3	6.2	31
71.9	71.1	70.0	224.4	232.9	224.7	56.6	57.3	56.6	216.5	223.0	217.6	135.1	135.3	132.8	32
7.0	7.1	7.1	22.8	24.4	22.6	3.5	3.5	3.5	19.2	20.0	19.6	11.7	12.2	12.2	33
22.1	23.0	23.2	70.3	77.4	74.9	12.8	12.7	12.6	54.9	57.7	57.9	70.3	72.3	71.1	34
4.3	4.5	4.5	15.4	16.4	16.0	2.4	2.5	2.5	10.9	11.5	11.6	7.6	7.5	7.4	35
1.9	2.0	2.1	9.2	10.2	10.1	2.1	2.3	2.3	7.0	7.4	7.0	5.8	5.7	5.7	36
46.9	45.5	44.9	158.8	165.7	159.5	40.9	41.3	41.4	115.6	122.7	120.3	128.3	134.6	130.6	37
7.3	6.7	6.7	22.2	23.0	23.1	6.8	7.0	7.0	17.3	17.3	17.1	29.1	29.8	27.9	38
23.9	24.0	23.6	66.1	68.1	65.7	23.7	23.8	23.7	58.0	61.5	59.8	42.3	43.0	43.1	39
(*)	25.6	25.4	(*)	88.2	86.0	(*)	18.4	18.2	(*)	174.0	174.7	(*)	58.0	56.2	40
(*)	14.1	14.0	(*)	53.6	49.3	(*)	10.6	10.5	(*)	107.8	109.3	(*)	27.2	26.6	41
(*)	8.2	8.1	(*)	26.9	26.2	(*)	6.9	6.8	(*)	43.8	42.9	(*)	16.3	15.7	42
(*)	14.7	14.3	(*)	92.1	86.9	(*)	20.7	20.6	(*)	75.2	76.2	(*)	56.7	56.1	43
(*)	4.8	4.8	(*)	20.8	19.9	(*)	6.3	6.3	(*)	15.6	15.7	(*)	8.4	8.2	44
(*)	2.1	2.1	(*)	14.4	14.0	(*)	2.0	2.0	(*)	10.5	10.5	(*)	5.5	5.4	45
187.4	193.7	189.7	662.9	701.6	675.3	150.2	158.6	158.3	613.9	643.4	637.0	522.0	523.4	515.0	46
3.8	3.9	3.9	18.1	19.0	17.9	4.6	5.0	4.9	37.6	44.3	43.9	15.1	14.9	14.7	47
14.6	14.9	14.7	85.6	89.6	86.9	16.6	16.2	16.1	66.3	69.1	69.0	61.6	59.9	58.9	48
20.4	20.3	19.7	112.6	114.6	111.3	17.4	17.9	17.8	74.7	80.0	79.0	44.8	44.9	44.7	49
24.3	24.9	23.4	43.2	44.4	43.4	8.8	8.8	8.7	31.9	32.7	32.7	44.9	45.6	45.3	50
5.9	6.2	6.1	39.3	42.5	40.0	8.0	8.0	8.0	41.2	43.8	43.6	33.7	32.6	32.6	51
24.0	24.7	24.2	66.0	68.1	66.0	10.0	10.4	10.4	41.4	42.5	42.4	44.6	44.1	41.8	52
73.5	75.7	74.7	176.3	182.2	178.2	63.7	65.1	65.3	196.7	203.3	201.2	148.9	149.7	147.0	53
6.5	6.4	6.3	38.8	42.7	40.4	9.1	8.9	8.9	33.1	32.9	32.6	26.6	26.7	26.8	54
5.3	5.3	5.2	25.6	26.2	25.0	7.4	8.1	8.0	42.5	42.8	42.0	44.3	43.0	43.1	55
3.0	2.9	2.9	8.9	8.6	8.3	2.4	2.4	2.4	8.5	8.6	8.5	12.6	11.8	11.8	56
28.9	29.5	29.0	101.3	110.8	106.7	20.8	21.3	21.2	90.3	91.1	90.1	125.2	127.0	125.7	57
11.8	11.9	11.6	46.6	50.1	47.8	10.7	10.9	10.9	44.3	45.9	45.7	43.0	42.1	42.0	58
1.2	1.2	1.2	5.2	5.8	5.6	1.2	1.2	1.2	4.1	4.2	4.2	13.8	14.2	14.1	59
423.7	427.7	422.9	1,434.1	1,516.9	1,440.0	640.5	660.9	659.1	1,724.2	1,814.5	1,785.5	1,288.1	1,335.0	1,295.3	60
15.2	15.5	15.2	66.6	69.0	67.1	15.7	16.0	15.9	71.6	74.4	73.6	96.6	99.8	98.0	61
4.6	4.7	4.6	20.9	21.2	20.9	4.0	4.2	4.2	17.5	19.5	19.7	22.6	22.1	21.8	62

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

	State and area	Total			Mining			Construction			Manufacturing		
		JAN. 1981	DEC. 1981	JAN. 1982P	JAN. 1981	DEC. 1981	JAN. 1982P	JAN. 1981	DEC. 1981	JAN. 1982P	JAN. 1981	DEC. 1981	JAN. 1982P
	NEW YORK—Continued												
1	Buffalo[1]	487.8	492.0	475.9	(2)	(2)	(2)	12.3	14.9	12.2	133.0	123.7	121.4
2	Elmira[1]	36.5	36.8	35.6	(2)	(2)	(2)	.9	1.0	.7	11.2	11.1	10.5
3	Monroe County[1,3]	336.4	345.8	341.4	(2)	(2)	(2)	7.9	9.1	8.4	136.7	137.8	136.6
4	Nassau—Suffolk[1,6]	897.6	933.2	904.3	(2)	(2)	(2)	29.5	35.6	30.9	165.7	167.5	159.7
5	New York—Northeastern New Jersey[1,7]	6,638.5	(*)	(*)	2.7	(*)	(*)	184.2	(*)	(*)	1,312.5	(*)	(*)
6	New York and Nassau—Suffolk[1,6,7]	4,621.0	4,784.7	4,686.0	1.9	1.9	1.9	120.1	139.5	127.7	726.6	731.4	715.2
7	New York SMSA[1,5]	3,723.4	3,852.4	3,781.7	1.7	1.7	1.7	95.6	103.3	96.9	563.9	563.9	549.5
8	New York City[1,5]	3,283.0	3,394.6	3,340.4	1.4	1.4	1.4	75.5	84.0	79.2	469.9	472.6	462.9
9	Poughkeepsie[1]	96.3	102.2	100.2	(2)	(2)	(2)	2.0	2.6	2.5	31.8	33.3	33.1
10	Rochester[1]	413.8	424.3	416.5	(2)	(2)	(2)	9.3	11.1	9.9	159.9	158.4	158.2
11	Rockland County[1,3]	79.6	82.9	81.2	(2)	(2)	(2)	2.2	2.7	2.5	15.2	15.9	15.6
12	Syracuse[1]	254.2	259.8	252.4	(2)	(2)	(2)	7.6	9.4	8.5	58.1	58.4	57.6
13	Utica—Rome[1]	110.1	114.6	112.3	(2)	(2)	(2)	2.0	2.4	2.0	28.2	28.7	29.3
14	Westchester County[1,3]	348.9	361.5	347.8	(2)	(2)	(2)	12.4	16.4	14.5	74.5	74.1	69.8
15	**NORTH CAROLINA**[1]	2,364.8	2,391.6	2,339.8	4.9	4.6	4.6	108.4	112.9	99.6	814.2	801.6	792.2
16	Asheville[1]	70.2	70.9	69.6	(2)	(2)	(2)	2.8	3.3	2.8	21.8	21.5	21.1
17	Charlotte—Gastonia[1]	337.4	341.0	333.7	(2)	(2)	(2)	17.4	18.4	16.9	94.1	94.3	93.7
18	Greensboro—Winston-Salem—High Pt[1]	387.9	395.2	386.9	(2)	(2)	(2)	15.8	17.4	15.4	149.0	148.9	147.7
19	Raleigh—Durham[1]	276.8	279.8	272.7	(2)	(2)	(2)	13.1	13.6	12.0	45.4	45.5	45.2
20	**NORTH DAKOTA**[1]	239.4	253.0	244.6	9.0	11.8	11.8	11.5	13.9	11.0	14.7	15.9	15.3
21	Fargo—Moorhead[1]	61.1	63.4	61.2	(3)	(3)	(3)	2.4	2.9	2.3	4.8	4.9	4.5
22	**OHIO**[1]	4,303.8	4,301.4	4,192.6	30.8	32.2	31.7	150.2	149.0	126.3	1,239.9	1,173.8	1,169.7
23	Akron[1]	254.9	260.6	252.3	(*)	(*)	(*)	6.4	7.3	6.0	75.8	74.3	73.5
24	Canton[1]	153.4	157.0	152.8	(*)	(*)	(*)	4.6	5.1	4.3	54.7	54.0	53.8
25	Cincinnati[1]	595.8	596.2	576.8	(*)	(*)	(*)	22.8	21.7	18.9	163.2	156.7	157.4
26	Cleveland[1]	885.6	875.6	857.3	(*)	(*)	(*)	27.7	26.9	23.7	251.4	236.9	233.3
27	Columbus[1]	510.7	514.7	499.7	(*)	(*)	(*)	17.3	17.4	14.7	95.3	92.0	91.1
28	Dayton[1]	352.5	356.1	348.2	(*)	(*)	(*)	11.1	11.1	9.2	98.9	96.7	96.7
29	Toledo[1]	291.0	290.8	281.8	(*)	(*)	(*)	11.8	11.3	9.5	75.3	71.1	69.6
30	Youngstown—Warren[1]	194.5	193.1	193.2	(*)	(*)	(*)	6.3	6.2	5.4	65.2	60.9	63.5
31	**OKLAHOMA**[1]	1,151.7	1,221.9	1,203.5	77.5	133.7	135.2	55.4	53.5	49.4	190.0	198.1	196.7
32	Enid[1]	(*)	27.2	26.6	(*)	3.3	3.4	(*)	1.4	1.3	(*)	3.0	2.8
33	Lawton[1]	(*)	30.0	29.6	(*)	(2)	(2)	(*)	1.3	1.3	(*)	3.1	3.1
34	Oklahoma City[1]	407.7	433.1	426.7	23.5	28.8	28.3	18.8	21.8	19.8	54.9	54.9	54.6
35	Tulsa[1]	312.7	329.5	326.5	24.7	27.9	28.1	15.0	16.0	14.9	65.5	69.1	68.9
36	**OREGON**	1,006.1	989.1	965.9	2.0	1.8	1.5	36.9	34.5	31.6	204.1	199.3	186.3
37	Eugene—Springfield	100.9	98.7	96.9	(2)	(2)	(2)	3.9	4.3	3.7	18.8	16.6	15.4
38	Jackson County	–	–	–	–	–	–	–	–	–	7.0	5.8	(*)
39	Portland	542.9	530.9	519.5	(2)	(2)	(2)	21.7	18.3	17.1	113.1	113.2	112.2
40	Salem	84.4	82.1	(*)	(2)	(2)	(*)	3.9	3.3	(*)	11.3	10.9	(*)
41	**PENNSYLVANIA**	4,653.7	4,703.7	4,569.8	47.3	48.4	47.3	186.9	176.7	154.1	1,294.5	1,263.5	1,244.3
42	Allentown—Bethlehem—Easton[1]	260.2	261.9	256.3	(2)	(2)	(2)	7.5	8.0	6.9	103.7	101.2	100.0
43	Altoona[1]	47.7	48.6	47.2	(2)	(2)	(2)	1.6	2.1	2.0	11.0	12.3	11.4
44	Delaware Valley[1,10]	1,569.1	1,583.5	1,545.8	(2)	(2)	(2)	56.0	58.8	53.0	361.0	352.3	347.4
45	Erie[1]	108.8	109.7	107.0	(2)	(2)	(2)	2.5	3.1	2.9	40.5	41.1	43.4
46	Harrisburg[1]	220.6	225.6	222.7	(2)	(2)	(2)	7.1	7.3	6.3	41.7	41.2	41.2
47	Johnstown[1]	82.6	80.5	77.2	8.7	8.1	8.1	2.3	2.5	1.9	17.8	15.2	14.7
48	Lancaster[1]	148.8	155.0	149.8	(2)	(2)	(2)	6.1	6.2	5.6	57.8	59.4	58.4
49	Northeast Pennsylvania[1]	234.3	235.6	231.9	1.1	1.1	1.0	9.2	10.2	9.6	67.9	68.3	66.1
50	Philadelphia SMSA[1]	1,903.0	1,928.0	1,884.9	(2)	(2)	(2)	67.4	72.5	64.9	431.0	422.4	416.9
51	Philadelphia City[1,11]	775.4	774.3	759.3	(2)	(2)	(2)	19.1	18.8	18.0	129.5	127.0	125.3
52	Pittsburgh[1]	925.9	931.9	907.2	9.8	9.8	9.7	36.8	44.3	38.5	239.9	226.4	224.3
53	Reading[1]	136.9	141.7	137.5	(2)	(2)	(2)	4.1	4.6	4.0	53.2	53.8	53.9
54	Scranton[1,12]	85.1	85.3	(*)	(2)	(2)	(*)	1.7	1.8	(*)	26.8	26.8	(*)
55	Wilkes Barre—Hazleton[1,13]	121.1	119.6	(*)	1.0	1.0	(*)	6.4	7.2	(*)	36.4	34.6	(*)
56	Williamsport[1]	45.3	46.7	45.7	(2)	(2)	(2)	1.0	1.3	.9	15.4	16.5	15.9
57	York[1]	155.0	156.5	153.1	(2)	(2)	(2)	6.2	6.6	5.9	65.3	64.9	63.7
58	**RHODE ISLAND**[1]	391.6	402.2	388.1	(2)	(2)	(2)	9.6	12.6	9.9	126.8	123.3	119.9
59	Providence—Warwick—Pawtucket[1]	389.3	408.7	394.4	(2)	(2)	(2)	9.7	12.7	9.9	139.7	136.5	133.7
60	**SOUTH CAROLINA**[1]	(*)	1,195.1	1,171.5	(*)	(2)	(2)	(*)	67.9	64.4	(*)	391.7	376.3
61	Charleston—North Charleston[1]	(*)	153.5	150.0	(*)	(2)	(2)	(*)	9.7	9.8	(*)	20.2	20.1
62	Columbia[1]	(*)	182.6	179.3	(*)	(2)	(2)	(*)	8.5	8.4	(*)	26.9	25.6
63	Greenville—Spartanburg[1]	(*)	268.2	266.6	(*)	(2)	(2)	(*)	16.3	15.9	(*)	100.9	100.2

See footnotes at end of table

B-8. Employees on nonagricultural payrolls for States and selected areas, by industry division—Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
JAN. 1981	DEC. 1981	JAN. 1982P	JAN. 1981	DEC. 1981	JAN. 1982P	JAN. 1981	DEC. 1981	JAN. 1982P	JAN. 1981	DEC. 1981	JAN. 1982P	JAN. 1981	DEC. 1981	JAN. 1982P	
26.2	26.1	25.2	109.3	113.9	106.9	22.1	22.3	22.3	102.4	107.4	105.1	85.7	94.7	82.8	1
1.3	1.3	1.3	9.7	8.8	8.6	1.1	1.2	1.2	7.1	7.2	7.1	6.3	6.3	6.2	2
10.2	10.3	10.2	59.3	62.5	59.9	13.9	14.3	14.4	68.4	71.4	70.4	40.2	40.3	39.4	3
39.4	41.9	41.3	232.2	246.1	232.9	52.5	52.5	52.6	202.7	216.7	211.0	175.4	172.8	170.0	4
466.9	(*)	(*)	1,383.5	(*)	(*)	632.4	(*)	(*)	1,585.7	(*)	(*)	1,070.6	(*)	(*)	5
315.1	317.5	314.8	939.6	987.9	941.6	536.6	554.2	553.0	1,225.1	1,287.0	1,272.0	756.0	765.4	759.7	6
275.6	275.6	273.5	707.4	741.7	708.6	484.1	501.6	500.5	1,022.6	1,071.4	1,061.3	580.6	592.6	589.7	7
252.8	251.9	250.1	605.2	632.4	605.6	462.1	478.9	477.9	914.6	959.2	952.1	501.5	513.2	511.1	8
2.7	2.9	2.9	16.1	16.8	16.2	2.8	2.9	2.8	17.8	19.6	18.9	23.1	24.2	23.7	9
12.7	12.7	12.5	76.3	83.9	77.4	15.5	15.8	15.9	80.3	93.4	82.1	61.1	61.7	60.4	10
3.3	3.4	3.4	17.4	19.3	17.5	2.6	2.7	2.7	18.1	19.3	18.2	20.8	21.6	21.2	11
14.2	14.4	14.1	55.5	57.7	55.5	16.2	16.3	16.2	52.8	55.9	52.9	48.8	48.7	48.1	12
3.9	3.9	3.9	22.0	22.9	22.2	5.4	5.6	5.5	20.2	21.2	20.9	28.4	28.9	28.6	13
19.3	19.7	19.4	81.9	87.1	82.6	18.9	19.4	19.4	87.2	90.2	88.1	55.0	54.6	54.1	14
114.8	117.6	115.6	469.3	483.7	467.1	96.3	98.1	98.1	340.6	352.8	350.4	416.6	420.3	412.2	15
3.7	3.6	3.6	15.2	16.1	15.3	2.3	2.4	2.5	12.5	12.3	12.2	11.9	12.0	12.1	16
31.0	31.5	31.1	82.9	83.2	80.4	21.2	21.5	21.5	53.0	54.4	54.1	37.7	37.7	37.0	17
20.7	21.2	20.8	77.6	80.3	77.2	18.4	18.8	18.8	58.2	60.7	60.1	48.2	47.9	46.9	18
13.2	13.6	13.7	53.5	54.7	52.8	15.7	15.9	16.0	60.4	59.7	58.9	75.5	76.8	74.1	19
16.9	17.2	17.0	64.3	67.8	65.0	11.5	11.9	11.8	50.5	53.0	52.5	61.0	61.6	60.5	20
4.0	3.9	3.8	18.4	19.1	18.5	3.8	3.9	3.9	14.2	15.0	14.7	13.5	13.7	13.5	21
217.9	220.1	213.9	949.1	971.3	920.8	206.5	206.3	204.7	918.4	860.2	849.8	691.1	688.6	675.5	22
13.5	13.9	13.5	55.8	59.1	56.4	9.2	9.1	9.1	49.9	51.5	51.3	47.8	44.7	42.0	23
6.9	7.2	7.0	32.3	33.9	32.7	6.3	6.3	6.3	28.7	30.1	29.7	19.0	19.0	18.7	24
33.0	33.4	32.8	139.4	143.7	136.4	32.9	32.6	31.9	110.5	123.7	120.9	84.8	84.1	83.3	25
44.7	45.7	44.1	205.7	209.4	194.2	48.0	48.0	47.6	184.3	193.5	190.2	121.9	118.9	116.9	26
24.3	24.7	23.7	122.2	125.9	118.7	39.0	40.1	40.2	106.1	109.2	107.8	105.8	104.7	102.8	27
13.1	13.3	13.0	72.0	75.8	71.7	13.6	13.7	13.7	73.3	75.1	75.2	70.1	70.0	69.3	28
19.4	19.3	18.5	65.4	68.0	64.5	10.8	10.9	10.5	60.0	64.5	64.0	48.0	46.6	45.8	29
9.0	9.4	8.9	43.7	44.6	42.5	7.1	7.2	7.1	37.3	38.9	38.8	25.5	26.0	25.2	30
68.0	67.6	67.4	272.9	291.7	281.0	57.0	59.2	59.1	203.7	213.4	213.8	227.2	244.7	241.8	31
(*)	2.7	2.6	(*)	7.3	7.2	(*)	1.2	1.2	(*)	4.5	4.5	(*)	3.9	3.9	32
(*)	1.4	1.4	(*)	7.5	7.3	(*)	1.2	1.2	(*)	4.7	4.7	(*)	10.8	10.7	33
23.5	24.4	24.2	99.8	110.2	105.7	25.4	26.4	26.6	73.6	73.8	74.1	91.2	92.8	92.4	34
23.5	23.6	23.8	71.6	76.4	74.3	15.3	16.3	16.0	61.8	65.1	65.0	35.3	35.4	35.5	35
59.3	58.5	56.9	249.1	251.7	241.9	67.1	63.4	63.0	187.6	189.7	186.9	200.0	200.2	197.8	36
5.2	4.8	4.8	25.3	24.9	24.1	5.3	5.2	5.3	19.9	19.9	19.9	22.5	23.3	22.7	37
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	38
35.6	35.6	35.5	139.5	138.9	133.3	45.4	44.1	43.6	110.2	111.7	109.6	80.4	79.1	78.2	39
2.8	2.8	(*)	19.0	18.7	(*)	5.4	5.4	(*)	14.8	14.9	(*)	27.2	26.1	(*)	40
257.8	254.4	247.6	972.3	1,007.3	957.9	238.0	239.6	239.0	970.6	1,013.6	990.1	716.6	700.2	689.5	41
13.7	13.7	13.7	51.6	53.6	51.4	9.5	9.5	9.5	44.6	46.5	45.4	49.6	29.3	29.4	42
6.9	5.5	5.5	10.6	10.9	10.5	1.5	1.5	1.5	8.5	8.9	8.6	7.7	7.6	7.7	43
81.6	79.8	79.4	329.4	338.8	325.9	110.3	112.1	112.2	394.0	412.6	403.0	235.9	229.1	224.9	44
5.3	4.9	4.8	21.4	21.9	21.2	4.9	4.8	4.8	21.3	22.7	22.2	13.2	11.3	10.7	45
16.8	16.5	16.4	45.3	45.9	44.6	12.8	12.8	13.1	38.9	40.7	40.6	58.0	61.2	60.5	46
5.0	4.9	4.7	15.4	15.8	14.0	3.9	4.0	3.9	15.5	15.8	15.6	14.7	14.2	14.3	47
6.1	6.0	5.9	32.6	34.2	32.2	5.5	6.1	6.1	25.7	27.9	27.2	15.0	15.2	14.4	48
12.7	12.6	12.4	49.8	50.8	48.3	9.7	10.3	10.0	45.1	46.9	46.5	38.5	37.8	38.1	49
96.3	94.7	94.1	414.9	433.5	414.8	127.5	129.4	129.5	462.5	483.2	473.5	303.4	295.3	291.2	50
51.6	50.1	49.8	144.5	148.1	141.6	66.8	66.2	65.9	216.7	224.0	219.0	147.2	140.1	139.7	51
55.3	54.4	53.6	207.5	214.7	207.8	46.1	45.3	45.6	212.7	220.2	216.2	117.8	116.2	115.5	52
6.3	6.5	6.5	27.7	29.2	27.4	6.2	6.5	6.5	22.9	23.9	23.6	16.5	17.2	16.7	53
3.9	3.9	(*)	18.8	19.0	(*)	3.6	3.6	(*)	18.2	19.0	(*)	12.1	11.2	(*)	54
7.1	6.9	(*)	26.2	26.4	(*)	5.2	5.2	(*)	19.5	20.6	(*)	19.3	17.7	(*)	55
2.2	2.3	2.3	9.8	9.9	9.7	2.1	2.2	2.2	8.1	8.3	8.3	6.7	6.5	6.4	56
7.0	7.5	7.4	33.0	33.6	32.5	3.8	4.0	4.0	21.9	22.0	21.9	17.8	17.9	17.7	57
12.9	13.3	12.9	78.6	83.9	78.7	20.7	21.1	20.9	84.6	90.3	87.7	58.5	58.3	58.1	58
12.8	13.1	12.8	79.2	83.4	78.7	20.6	21.0	20.8	81.2	86.2	84.0	56.1	55.9	55.5	59
(*)	54.5	53.9	(*)	235.8	228.8	(*)	50.0	49.5	(*)	167.2	164.4	(*)	238.0	234.2	60
(*)	9.4	8.7	(*)	34.0	32.5	(*)	6.5	6.4	(*)	26.6	26.3	(*)	47.1	46.5	61
(*)	9.5	9.5	(*)	37.8	37.0	(*)	14.5	14.3	(*)	28.6	28.5	(*)	56.8	55.3	62
(*)	9.7	9.6	(*)	56.1	55.5	(*)	10.2	10.2	(*)	38.7	39.1	(*)	36.3	36.1	63

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

State and area	Total			Mining			Construction			Manufacturing		
	JAN. 1981	DEC. 1981	JAN. 1982P	JAN. 1981	DEC. 1981	JAN. 1982P	JAN. 1981	DEC. 1981	JAN. 1982P	JAN. 1981	DEC. 1981	JAN. 1982P
1 **SOUTH DAKOTA**[1]	231.3	233.8	228.4	2.7	2.9	2.9	7.9	8.5	7.1	25.2	25.9	25.2
2 Rapid City[1]	30.4	30.7	(*)	(3)	(3)	(*)	1.7	1.5	(*)	2.8	2.7	(*)
3 Sioux Falls[1]	53.5	55.1	54.1	(3)	(3)	(3)	2.1	2.0	1.8	7.7	7.5	7.4
4 **TENNESSEE**[1]	1,719.8	1,734.8	1,690.8	9.5	10.4	9.8	69.8	76.6	68.2	496.5	493.5	486.3
5 Chattanooga[1]	170.1	168.1	167.3	1.0	1.1	1.1	5.9	5.8	5.7	49.5	48.1	47.8
6 Knoxville[1]	198.6	202.9	199.9	1.5	1.5	1.4	9.1	9.9	9.0	51.9	50.0	49.7
7 Memphis[1]	355.3	358.0	349.7	.2	.2	.1	13.9	13.5	13.3	59.3	57.2	56.0
8 Nashville—Davidson[1]	354.1	354.4	(*)	(2)	(2)	(*)	16.3	16.0	(*)	78.9	80.2	(*)
9 **TEXAS**[1]	5,962.6	6,299.0	6,236.6	265.5	308.3	308.3	408.0	438.9	424.6	1,085.3	1,113.4	1,099.2
10 Abilene	58.0	60.8	(*)	5.0	5.5	(*)	2.8	3.3	(*)	5.8	6.2	(*)
11 Amarillo	75.3	78.2	(*)	(2)	(2)	(*)	3.9	5.0	(*)	10.1	9.7	(*)
12 Austin	235.2	250.8	(*)	(2)	(2)	(*)	13.7	14.1	(*)	29.3	32.1	(*)
13 Beaumont–Port Arthur Orange	152.6	153.0	(*)	(2)	(2)	(*)	11.4	10.9	(*)	43.6	44.3	(*)
14 Corpus Christi	119.4	126.3	(*)	.2	.2	(*)	11.4	15.1	(*)	16.7	17.0	(*)
15 Dallas—Fort Worth[1]	1,475.7	1,540.5	1,522.0	28.0	31.4	31.5	80.3	78.7	77.4	326.4	329.2	325.2
16 El Paso	162.8	166.8	(*)	(2)	(2)	(*)	7.5	7.8	(*)	35.7	36.8	(*)
17 Galveston—Texas City	68.3	71.7	(*)	(2)	(2)	(*)	4.8	4.9	(*)	11.0	12.4	(*)
18 Houston[1]	1,501.7	1,598.1	1,585.6	94.3	104.8	104.7	143.5	148.8	148.1	253.4	267.6	266.3
19 Longview—Marshall	65.3	66.5	(*)	(2)	(2)	(*)	4.8	4.3	(*)	19.2	19.5	(*)
20 Lubbock	89.4	91.0	(*)	(2)	(2)	(*)	4.3	4.1	(*)	12.4	11.6	(*)
21 Midland	46.6	52.2	(*)	12.0	14.0	(*)	3.0	3.5	(*)	4.6	4.7	(*)
22 Odessa	54.6	59.0	(*)	8.4	9.1	(*)	4.4	5.3	(*)	7.6	8.8	(*)
23 San Angelo	35.6	38.0	(*)	.9	.9	(*)	2.1	2.3	(*)	6.3	6.2	(*)
24 San Antonio[1]	400.5	414.8	411.3	2.7	3.5	3.5	28.4	26.3	25.9	51.9	52.1	52.0
25 Sherman—Denison	36.9	36.6	(*)	.2	.3	(*)	1.5	1.4	(*)	13.4	12.3	(*)
26 Waco	71.0	72.7	(*)	(2)	(2)	(*)	3.3	3.0	(*)	16.4	16.5	(*)
27 Wichita Falls	53.1	54.8	(*)	3.4	3.7	(*)	2.4	2.6	(*)	9.8	10.3	(*)
28 **UTAH**[1]	546.1	568.8	557.7	20.0	21.5	21.6	25.6	27.7	23.8	86.8	90.5	89.2
29 Salt Lake City—Ogden[1]	385.9	399.0	391.7	7.9	8.1	8.1	17.5	18.0	16.0	59.7	62.1	61.3
30 **VERMONT**[1]	200.0	203.6	200.2	.5	.7	.5	8.6	10.4	8.4	50.5	50.4	49.7
31 Burlington[1, 14]	57.4	60.7	58.7	–	–	–	–	–	–	15.2	16.0	15.9
32 Springfield[1, 14]	14.9	14.6	14.5	–	–	–	–	–	–	6.4	6.0	5.9
33 **VIRGINIA**[1]	(*)	2,176.2	2,140.4	(*)	23.5	23.3	(*)	111.1	98.5	(*)	408.5	402.7
34 Bristol[1]	(*)	27.0	26.6	(*)	(2)	(2)	(*)	.8	.7	(*)	9.1	9.1
35 Lynchburg[1]	(*)	71.2	70.3	(*)	(2)	(2)	(*)	2.7	2.4	(*)	28.8	28.5
36 Newport News—Hampton[1]	(*)	149.7	147.6	(*)	(2)	(2)	(*)	6.6	5.9	(*)	34.1	33.7
37 Norfolk–Virginia Beach–Portsmouth[1]	(*)	291.9	285.6	(*)	(2)	(2)	(*)	16.9	15.6	(*)	33.0	28.5
38 Northern Virginia[1, 15]	(*)	471.1	464.6	(*)	.4	.4	(*)	26.8	23.0	(*)	20.7	20.6
39 Petersburgh–Colonial Hghts–Hopewell[1]	(*)	45.1	44.9	(2)	(2)	(2)	(*)	1.8	1.7	(*)	10.3	10.1
40 Richmond[1]	(*)	329.0	326.9	(*)	.3	.3	(*)	17.1	16.6	(*)	55.9	55.7
41 Roanoke[1]	(*)	102.1	100.8	(*)	.2	.2	(*)	4.2	3.9	(*)	20.7	20.5
42 **WASHINGTON**[1]	(*)	1,576.6	1,537.5	(*)	3.1	3.0	(*)	79.5	72.4	(*)	290.2	286.7
43 Seattle—Everett[1]	784.6	770.6	(*)	(2)	(2)	(*)	36.2	34.6	(*)	173.7	163.5	(*)
44 Spokane[1]	125.1	123.9	(*)	(2)	(2)	(*)	5.0	4.8	(*)	16.2	15.9	(*)
45 Tacoma[1]	140.8	139.2	(*)	(2)	(2)	(*)	6.6	6.2	(*)	22.1	22.2	(*)
46 **WEST VIRGINIA**[1]	633.1	628.9	610.3	66.1	67.6	66.4	26.5	24.0	18.3	115.7	107.1	104.5
47 Charleston[1]	113.8	111.0	109.0	6.8	6.8	6.7	5.2	4.8	3.6	17.4	16.6	16.3
48 Huntington—Ashland[1]	102.6	103.3	100.8	1.1	1.2	1.2	3.6	4.1	3.1	26.3	24.7	24.2
49 Parkersburg—Marietta[1]	56.9	57.8	56.6	.9	1.4	1.4	2.6	2.7	2.1	16.7	16.5	16.3
50 Wheeling[1]	64.1	64.5	63.2	5.3	4.9	4.9	2.1	2.2	1.8	11.8	11.7	11.3
51 **WISCONSIN**[1]	1,914.3	1,912.8	1,860.3	1.7	1.6	1.6	62.3	57.1	48.8	544.8	525.7	511.4
52 Appleton—Oshkosh[1]	122.9	125.1	121.2	(2)	(2)	(2)	5.7	4.3	3.9	45.8	46.1	45.1
53 Eau Claire[1]	47.9	49.1	46.5	(2)	(2)	(2)	1.8	1.7	1.4	8.7	9.0	8.7
54 Green Bay[1]	77.2	79.0	76.8	(2)	(2)	(2)	2.7	2.8	2.4	20.8	21.4	20.9
55 Janesville—Beloit[1]	51.4	48.9	46.7	(2)	(2)	(2)	1.9	1.2	1.1	20.5	16.8	15.5
56 Kenosha[1]	41.8	41.7	40.7	(2)	(2)	(2)	1.8	1.4	1.2	16.4	16.0	15.8
57 La Crosse[1]	45.1	46.3	45.2	(2)	(2)	(2)	1.3	1.3	1.2	10.5	10.2	10.0
58 Madison[1]	169.0	172.0	167.7	(2)	(2)	(2)	6.0	5.7	5.2	19.7	20.2	20.0
59 Milwaukee[1]	670.4	657.3	645.3	(2)	(2)	(2)	20.0	17.4	14.8	201.8	191.1	190.1
60 Racine[1]	68.0	65.3	62.4	(2)	(2)	(2)	1.6	1.2	1.2	29.5	26.5	24.4
61 **WYOMING**[1]	209.3	215.5	210.2	36.1	39.5	39.7	18.3	17.6	16.1	9.7	10.4	10.2
62 Casper[1]	38.9	41.0	40.1	7.5	7.8	7.5	3.1	3.1	3.0	1.8	2.1	2.0
63 Cheyenne[1]	30.7	30.7	29.6	(2)	(2)	(2)	2.0	1.6	1.5	1.5	1.3	1.3

See footnotes at end of table

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
JAN. 1981	DEC. 1981	JAN. 1982P	JAN. 1981	DEC. 1981	JAN. 1982P	JAN. 1981	DEC. 1981	JAN. 1982P	JAN. 1981	DEC. 1981	JAN. 1982P	JAN. 1981	DEC. 1981	JAN. 1982P	
12.9	13.0	12.7	62.2	64.7	62.7	11.1	11.3	11.3	49.7	50.4	49.5	59.3	59.1	57.0	1
1.8	1.9	(*)	8.6	8.5	(*)	1.5	1.5	(*)	6.7	7.0	(*)	7.3	7.6	(*)	2
4.7	4.6	4.5	15.8	16.3	16.0	3.3	3.5	3.5	13.1	14.1	13.9	6.8	7.1	7.0	3
84.4	85.1	81.2	371.8	379.8	366.1	78.4	76.7	74.8	292.2	312.1	305.8	217.2	310.6	298.1	4
7.6	7.7	7.6	34.2	34.3	34.2	9.7	9.7	9.6	29.1	29.2	29.2	33.1	32.2	32.1	5
8.2	8.3	8.1	42.2	45.1	43.8	8.6	8.6	8.6	32.9	33.8	33.5	44.2	45.7	45.8	6
27.2	27.4	26.7	95.8	100.7	96.4	20.1	19.9	19.9	73.4	75.5	75.1	65.4	63.6	62.2	7
19.0	18.8	(*)	79.2	78.1	(*)	24.1	23.9	(*)	72.0	75.1	(*)	64.6	62.3	(*)	8
370.4	390.5	390.7	1,458.1	1,583.5	1,562.9	338.5	353.1	352.3	1,040.1	1,107.2	1,104.7	996.7	1,004.4	993.9	9
3.1	3.1	(*)	15.9	17.2	(*)	2.7	2.9	(*)	13.1	13.3	(*)	9.6	9.2	(*)	10
7.2	7.3	(*)	22.3	23.7	(*)	3.6	3.7	(*)	15.2	16.1	(*)	12.7	12.7	(*)	11
7.2	7.6	(*)	50.9	54.5	(*)	14.1	14.9	(*)	42.9	47.3	(*)	77.1	80.6	(*)	12
11.9	11.6	(*)	33.7	33.4	(*)	5.5	5.9	(*)	26.8	27.8	(*)	19.7	19.2	(*)	13
7.4	7.3	(*)	30.6	32.2	(*)	5.9	5.8	(*)	21.0	22.2	(*)	26.2	26.5	(*)	14
94.5	99.6	99.0	390.4	415.8	406.1	111.0	116.8	116.9	261.2	284.7	283.6	183.9	184.3	182.3	15
11.3	11.3	(*)	39.3	40.7	(*)	7.3	7.7	(*)	25.0	25.0	(*)	36.7	37.8	(*)	16
6.3	6.9	(*)	13.0	13.9	(*)	4.5	4.6	(*)	10.8	11.1	(*)	17.0	17.9	(*)	17
105.3	110.8	108.8	359.9	391.8	386.2	89.3	94.4	94.5	288.6	309.5	307.8	167.4	170.4	169.2	18
3.6	3.6	(*)	14.9	15.1	(*)	2.4	2.4	(*)	13.0	13.7	(*)	7.4	7.9	(*)	19
5.2	5.2	(*)	26.8	27.9	(*)	4.8	4.9	(*)	16.8	17.4	(*)	19.1	19.9	(*)	20
2.7	2.9	(*)	10.6	11.9	(*)	2.3	2.9	(*)	6.8	7.7	(*)	4.6	4.6	(*)	21
2.4	2.5	(*)	16.3	17.5	(*)	2.0	2.1	(*)	6.9	7.3	(*)	6.6	6.4	(*)	22
3.3	3.6	(*)	8.4	9.3	(*)	1.6	1.7	(*)	6.6	7.3	(*)	6.4	6.7	(*)	23
18.3	19.4	19.3	98.4	105.8	103.2	27.6	27.6	27.3	80.0	85.1	85.0	93.2	95.0	95.1	24
2.4	2.5	(*)	7.3	7.5	(*)	1.2	1.3	(*)	5.8	6.2	(*)	5.1	5.1	(*)	25
3.4	3.5	(*)	16.9	18.1	(*)	4.3	4.3	(*)	15.4	16.0	(*)	11.3	11.3	(*)	26
2.7	2.7	(*)	13.4	13.8	(*)	2.3	2.4	(*)	8.2	8.3	(*)	10.9	11.0	(*)	27
33.1	35.0	34.7	127.8	135.8	130.0	26.1	26.6	26.6	101.0	105.9	105.7	125.6	125.7	126.1	28
26.1	27.4	27.0	96.0	101.0	96.5	21.0	21.5	21.4	68.7	71.3	71.2	89.2	89.6	90.1	29
8.6	8.6	8.7	40.7	43.1	42.1	8.1	8.2	8.2	46.9	44.3	46.5	36.1	37.9	36.1	30
2.3	2.4	2.4	12.0	12.7	12.4	–	–	–	12.0	12.3	12.2	–	–	–	31
.7	.6	.6	2.2	2.2	2.2	–	–	–	2.8	2.8	2.9	–	–	–	32
(*)	117.6	117.9	(*)	483.1	468.7	(*)	105.7	105.1	(*)	415.6	413.6	(*)	511.1	510.7	33
(*)	1.1	1.1	(*)	6.8	6.6	(*)	.9	.9	(*)	3.4	3.4	(*)	4.9	4.9	34
(*)	2.7	2.7	(*)	12.4	12.2	(*)	3.3	3.3	(*)	11.2	11.2	(*)	10.1	10.1	35
(*)	4.9	5.1	(*)	29.7	28.8	(*)	4.8	4.7	(*)	29.6	29.0	(*)	40.1	40.4	36
(*)	19.7	20.1	(*)	72.6	69.0	(*)	14.9	14.8	(*)	58.5	58.2	(*)	79.4	79.4	37
(*)	31.3	31.3	(*)	117.2	115.7	(*)	28.9	28.8	(*)	125.5	125.3	(*)	120.2	119.6	38
(*)	1.3	1.3	(*)	9.0	9.0	(*)	1.2	1.2	(*)	6.9	7.0	(*)	14.6	14.6	39
(*)	19.9	20.0	(*)	77.9	77.2	(*)	26.1	26.1	(*)	60.5	59.7	(*)	71.4	71.6	40
(*)	9.8	9.9	(*)	25.4	24.9	(*)	5.9	6.0	(*)	20.6	20.3	(*)	15.2	15.2	41
(*)	88.3	86.9	(*)	390.9	372.1	(*)	91.8	90.0	(*)	315.3	313.7	(*)	317.5	312.7	42
53.1	51.9	(*)	188.2	190.5	(*)	57.3	58.3	(*)	156.7	157.6	(*)	119.4	114.2	(*)	43
7.8	7.6	(*)	34.6	34.9	(*)	8.4	8.1	(*)	29.5	30.4	(*)	23.6	22.2	(*)	44
7.0	7.1	(*)	32.8	33.4	(*)	7.3	7.3	(*)	31.5	31.4	(*)	33.5	31.6	(*)	45
42.6	42.3	42.1	130.3	133.5	129.5	22.2	21.9	21.9	97.3	101.4	99.3	132.4	131.2	128.2	46
9.7	9.4	9.4	26.8	26.9	26.5	5.0	5.1	5.1	20.3	21.0	20.9	22.0	20.3	20.4	47
9.9	10.0	10.0	23.9	24.9	24.4	3.8	3.6	3.6	15.1	15.5	15.7	19.0	19.1	18.5	48
2.5	2.4	2.4	12.7	13.2	12.9	2.1	2.1	2.0	10.0	9.8	9.8	9.6	9.8	9.7	49
3.8	3.6	3.6	15.4	15.5	15.0	2.8	2.8	2.8	13.7	14.1	14.1	9.3	9.6	9.6	50
90.0	90.4	87.4	428.4	440.8	419.2	93.8	96.4	95.9	368.9	378.9	375.1	324.3	321.7	316.6	51
4.4	4.4	4.4	24.8	25.3	24.8	5.4	5.7	5.6	20.4	21.5	21.1	16.2	16.8	16.3	52
2.5	2.7	2.6	12.7	13.1	12.4	1.6	1.7	1.6	10.0	10.0	9.9	10.5	11.0	9.9	53
5.9	5.9	5.9	19.7	20.3	19.2	2.4	2.5	2.5	15.2	15.7	15.5	10.5	10.3	10.4	54
2.1	2.3	2.2	10.8	11.0	10.6	1.3	1.4	1.4	8.0	9.0	8.9	6.9	7.2	7.0	55
1.1	1.3	1.3	7.8	8.3	7.9	1.1	1.0	1.0	7.8	7.8	7.6	5.9	5.9	5.9	56
2.3	2.2	2.2	12.2	12.2	11.6	1.1	1.1	1.1	10.6	11.3	11.4	7.1	8.0	7.8	57
6.4	6.5	6.2	34.9	38.7	35.6	12.8	13.5	13.5	31.1	33.3	33.2	58.0	54.2	54.0	58
33.9	34.0	33.0	143.4	143.5	138.4	39.4	40.8	41.1	144.9	147.4	145.3	86.9	83.2	82.6	59
2.3	2.4	2.4	12.4	13.2	12.7	2.1	2.2	2.2	11.2	11.1	11.1	8.9	8.7	8.5	60
17.3	18.0	18.0	46.2	49.6	46.9	7.4	7.4	7.5	29.4	30.3	29.7	44.9	42.7	42.1	61
2.8	2.8	2.8	10.8	11.1	10.9	1.7	1.8	1.8	5.6	5.8	5.7	5.6	6.5	6.4	62
4.6	4.5	4.1	7.2	7.3	7.0	1.6	1.6	1.5	4.9	5.5	5.3	8.9	8.9	8.9	63

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

State and area	Total			Mining			Construction			Manufacturing		
	JAN. 1981	DEC. 1981	JAN. 1982P	JAN. 1981	DEC. 1981	JAN. 1982P	JAN. 1981	DEC. 1981	JAN. 1982P	JAN. 1981	DEC. 1981	JAN. 1982P
1 PUERTO RICO	(*)	(*)	(*)	.9	.8	.8	35.2	28.1	25.6	(*)	(*)	(*)
2 Caguas	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
3 Mayaguez	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
4 Ponce	(*)	(*)	(*)	(*)	(*)	(*)	3.1	1.9	1.8	(*)	(*)	(*)
5 San Juan	(*)	(*)	(*)	(*)	(*)	(*)	23.9	20.6	18.6	(*)	(*)	(*)
6 VIRGIN ISLANDS	36.2	35.7	(*)	(3)	(3)	(*)	2.6	2.5	(*)	3.0	3.0	(*)

[1] States and areas revised to 1981 benchmark; not strictly comparable with previously published data.

[2] Combined with services.

[3] Combined with construction.

[4] Area included in Chicago-Gary Standard Consolidated Statistical Area.

[5] Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.

[6] Subarea of New York—Northeastern New Jersey.

[7] Subarea of Rochester Standard Metropolitan Statistical Area.

[8] Area included in New York and Nassau-Suffolk combined SMSA's.

[9] Subarea of New York Standard Metropolitan Statistical Area.

[10] Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pennsylvania.

[11] Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Philadelphia County.

[12] Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Lackawanna County.

[13] Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Luzerne County.

[14] Total includes data for industry divisions not shown separately.

[15] Subarea of Washington, D.C. Standard Metropolitan Statistical Area: Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park cities and Arlington, Fairfax, Loudoun, and Prince William Counties, Virginia.

p = preliminary.

* Not available.

SOURCE: Cooperating State agencies listed on inside back cover.

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
JAN. 1981	DEC. 1981	JAN. 1982P	JAN. 1981	DEC. 1981	JAN. 1982P	JAN. 1981	DEC. 1981	JAN. 1982P	JAN. 1981	DEC. 1981	JAN. 1982P	JAN. 1981	DEC. 1981	JAN. 1982P	
18.4	20.1	17.3	116.2	114.5	108.5	27.8	28.3	27.8	83.6	83.8	82.2	261.6	238.2	240.1	1
(*)	(*)	(*)	5.5	5.2	5.0	(*)	(*)	(*)	(*)	(*)	(*)	12.4	11.0	11.0	2
(*)	(*)	(*)	5.8	5.8	5.6	(*)	(*)	(*)	(*)	(*)	(*)	15.8	15.8	15.8	3
(*)	(*)	(*)	8.2	7.4	6.0	(*)	(*)	(*)	7.1	6.7	6.6	18.8	17.1	17.1	4
14.3	16.0	13.8	73.5	72.6	68.6	20.8	21.2	20.9	58.2	59.2	58.5	123.6	124.2	122.6	5
2.0	2.0	(*)	7.5	7.5	(*)	1.5	1.5	(*)	6.1	5.6	(*)	13.3	13.6	(*)	6

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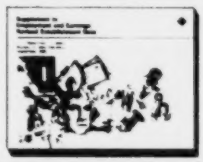

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C-1. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division, 1960 to date

Average

Year and month	Total private[1]			Mining			Construction			Manufacturing			
	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Hourly earnings excl overtime
1960	$80.67	38.6	$2.09	$105.04	40.4	$2.60	$113.67	36.7	$3.07	$89.72	39.7	$2.26	$2.19
1961	82.60	38.6	2.14	106.92	40.5	2.64	118.08	36.9	3.20	92.34	39.8	2.32	2.25
1962	85.91	38.7	2.22	110.70	41.0	2.70	122.47	37.0	3.31	96.56	40.4	2.39	2.31
1963	88.46	38.8	2.28	114.40	41.6	2.75	127.19	37.3	3.41	99.23	40.5	2.45	2.37
1964	91.33	38.7	2.36	117.74	41.9	2.81	132.06	37.2	3.55	102.97	40.7	2.53	2.43
1965	95.45	38.8	2.46	123.52	42.3	2.92	138.38	37.4	3.70	107.53	41.2	2.61	2.50
1966	98.82	38.6	2.56	130.24	42.7	3.05	146.26	37.6	3.89	112.19	41.4	2.71	2.59
1967	101.84	38.0	2.68	135.89	42.6	3.19	154.95	37.7	4.11	114.49	40.6	2.82	2.71
1968	107.73	37.8	2.85	142.71	42.6	3.35	164.49	37.3	4.41	122.51	40.7	3.01	2.88
1969	114.61	37.7	3.04	154.80	43.0	3.60	181.54	37.9	4.79	129.51	40.6	3.19	3.05
1970	119.83	37.1	3.23	164.40	42.7	3.85	195.45	37.3	5.24	133.33	39.8	3.35	3.23
1971	127.31	36.9	3.45	172.14	42.4	4.06	211.67	37.2	5.69	142.44	39.9	3.57	3.45
1972	136.90	37.0	3.70	189.14	42.6	4.44	221.19	36.5	6.06	154.71	40.5	3.82	3.66
1973	145.39	36.9	3.94	201.40	42.4	4.75	235.89	36.8	6.41	166.46	40.7	4.09	3.91
1974	154.76	36.5	4.24	219.14	41.9	5.23	249.25	36.6	6.81	176.80	40.0	4.42	4.25
1975	163.53	36.1	4.53	249.31	41.9	5.95	266.08	36.4	7.31	190.79	39.5	4.83	4.67
1976	175.45	36.1	4.86	273.90	42.4	6.46	283.73	36.8	7.71	209.32	40.1	5.22	5.02
1977	189.00	36.0	5.25	301.20	43.4	6.94	295.65	36.5	8.10	228.90	40.3	5.68	5.44
1978	203.70	35.8	5.69	332.88	43.4	7.67	318.69	36.8	8.66	249.27	40.4	6.17	5.91
1979	**219.91**	**35.7**	**6.16**	**365.07**	**43.0**	**8.49**	**342.99**	**37.0**	**9.27**	**269.34**	**40.2**	**6.70**	**6.43**
1980	**235.10**	**35.3**	**6.66**	**396.14**	**43.2**	**9.17**	**367.04**	**37.0**	**9.92**	**288.62**	**39.7**	**7.27**	**7.02**
1981	**255.20**	**35.2**	**7.25**	**438.62**	**43.6**	**10.06**	**395.60**	**36.8**	**10.75**	**317.60**	**39.8**	**7.98**	**7.71**
1981:													
February	247.10	35.0	7.06	422.01	42.8	9.86	364.35	35.0	10.41	306.13	39.5	7.75	7.48
March	249.92	35.2	7.10	416.66	42.3	9.85	388.37	37.2	10.44	311.22	39.9	7.80	7.53
April	250.98	35.2	7.13	422.92	43.6	9.70	384.87	36.9	10.43	312.84	39.7	7.88	7.62
May	252.38	35.2	7.17	423.98	43.8	9.68	388.56	36.9	10.53	317.53	40.1	7.92	7.64
June	254.88	35.4	7.20	418.47	42.1	9.94	394.32	37.2	10.60	323.39	40.2	7.97	7.68
July	257.74	35.6	7.24	439.79	43.5	10.11	404.90	37.7	10.74	317.59	39.6	8.02	7.74
August	259.88	35.6	7.30	447.62	44.1	10.15	405.45	37.3	10.87	319.20	39.8	8.02	7.74
September	259.00	35.0	7.40	450.70	43.8	10.29	393.41	35.7	11.02	321.93	39.5	8.15	7.86
October	260.44	35.1	7.42	457.46	44.5	10.28	416.25	37.5	11.13	323.56	39.7	8.15	7.88
November	261.85	35.1	7.46	461.61	44.3	10.42	411.44	37.0	11.12	324.72	39.6	8.20	7.93
December	262.24	35.2	7.45	466.22	44.7	10.43	414.03	37.0	11.19	329.57	39.9	8.26	7.99
1982:													
JanuaryP	255.19	33.8	7.55	456.68	42.8	10.67	383.46	33.2	11.55	312.01	37.1	8.41	8.16
FebruaryP	260.88	34.6	7.54	463.10	43.2	10.72	394.30	35.3	11.17	324.82	38.9	8.35	8.11

Year and month	Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			
	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	
1960	–	–	–	$66.01	38.6	$1.71	$75.14	37.2	$2.02	–	–	–	
1961	–	–	–	67.41	38.3	1.76	77.42	36.9	2.09	–	–	–	
1962	–	–	–	69.91	38.2	1.83	80.94	37.3	2.17	–	–	–	
1963	–	–	–	72.01	38.1	1.89	84.38	37.5	2.25	$80.01	36.1	$2.24	
1964	$113.78	41.1	$2.80	74.66	37.9	1.97	85.79	37.3	2.30	73.60	35.9	2.05	
1965	125.14	41.3	3.03	76.91	37.7	2.04	88.91	37.2	2.39	77.04	35.5	2.17	
1966	128.13	41.2	3.11	79.39	37.1	2.14	92.13	37.3	2.47	80.38	35.1	2.29	
1967	130.82	40.5	3.23	82.35	36.6	2.25	95.72	37.1	2.58	83.97	34.7	2.42	
1968	138.85	40.6	3.42	87.00	36.1	2.41	101.75	37.0	2.75	90.57	34.7	2.61	
1969	147.74	40.7	3.63	91.39	35.7	2.56	108.70	37.1	2.93	96.66	34.4	2.81	
1970	155.93	40.5	3.85	96.02	35.3	2.72	112.67	36.7	3.07	103.06	33.9	3.04	
1971	168.82	40.1	4.21	101.09	35.1	2.88	117.85	36.6	3.22	110.85	33.9	3.27	
1972	187.86	40.4	4.65	106.45	34.9	3.05	122.98	36.6	3.36	117.29	33.8	3.47	
1973	203.31	40.5	5.02	111.76	34.6	3.23	129.20	36.6	3.53	126.00	33.6	3.75	
1974	217.48	40.2	5.41	119.02	34.2	3.48	137.61	36.5	3.77	134.67	33.5	4.02	
1975	233.44	39.7	5.88	126.45	33.9	3.73	148.19	36.5	4.06	143.52	33.3	4.31	
1976	256.71	39.8	6.45	133.79	33.7	3.97	155.43	36.4	4.27	153.45	33.0	4.65	
1977	278.90	39.9	6.99	142.52	33.3	4.28	165.26	36.4	4.54	163.67	32.8	4.99	
1978	302.80	40.0	7.57	153.64	32.9	4.67	178.00	36.4	4.89	175.27	32.7	5.36	
1979	**325.58**	**39.9**	**8.16**	**164.96**	**32.6**	**5.06**	**193.77**	**36.2**	**5.27**	**190.71**	**32.6**	**5.85**	
1980	**351.25**	**39.6**	**8.87**	**176.46**	**32.2**	**5.48**	**209.24**	**36.2**	**5.78**	**208.97**	**32.6**	**6.41**	
1981	**382.97**	**39.4**	**9.72**	**190.35**	**32.1**	**5.93**	**228.69**	**36.1**	**6.33**				
1981:													
February	373.28	39.5	9.45	185.13	31.7	5.84	226.04	36.4	6.21	204.40	32.6	6.27	
March	371.15	39.4	9.42	186.62	31.9	5.85	225.32	36.4	6.19	205.05	32.6	6.29	
April	374.92	39.3	9.54	188.43	32.1	5.87	225.06	36.3	6.20	205.38	32.6	6.30	
May	376.89	39.3	9.59	188.48	32.0	5.89	225.26	36.1	6.24	205.73	32.5	6.33	
June	383.27	39.8	9.63	190.25	32.3	5.89	225.26	36.1	6.24	206.99	32.7	6.33	
July	385.66	39.8	9.69	193.85	32.8	5.91	227.60	35.3	6.27	209.22	33.0	6.34	
August	390.66	39.5	9.89	194.83	32.8	5.94	231.23	35.3	6.37	213.89	32.9	6.41	
September	390.82	39.2	9.97	194.49	32.2	6.04	229.68	36.0	6.33	213.92	32.4	6.51	
October	389.44	39.1	9.96	191.40	31.9	6.00	232.40	36.2	6.42	213.53	32.5	6.57	
November	395.75	39.3	10.07	192.36	31.9	6.03	235.65	36.2	6.51	216.78	32.5	6.67	
December	396.14	39.3	10.08	193.52	32.2	6.01	233.85	36.2	6.46	217.12	32.6	6.66	
1982:													
JanuaryP	391.02	38.6	10.13	191.89	31.1	6.17	238.92	36.2	6.60	217.32	32.1	6.77	
FebruaryP	400.70	39.4	10.17	193.73	31.5	6.15	240.31	36.1	6.62	219.67	32.4	6.78	

[1] For coverage of series, see footnote 1, table B-2.

p = preliminary.

NOTE: Data from April 1980 forward are subject to revision when more recent benchmark data are introduced. See "Benchmark adjustment" in the Explanatory notes of this publication.

ESTABLISHMENT DATA
HOURS AND EARNINGS

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Avg. 1981	Jan. 1981	Dec. 1981	Jan. 1982P	Feb. 1982P	Avg. 1981	Jan. 1981	Dec. 1981	Jan. 1982P	Feb. 1982P
	TOTAL PRIVATE	$255.20	$246.75	$262.24	$255.19	$259.88	$7.25	$7.03	$7.45	$7.55	$7.54
	MINING	438.62	425.97	466.22	456.68	463.10	10.06	9.77	10.43	10.67	10.72
10	METAL MINING	468.59	444.04	483.60	476.14	-	11.57	10.91	12.09	12.24	-
101	Iron ores	485.18	428.65	459.46	463.39	-	12.16	11.37	12.87	12.98	-
102	Copper ores	492.54	488.75	518.93	488.27	-	11.84	11.50	12.21	12.33	-
11, 12	COAL MINING	482.36	456.85	528.63	537.57	-	11.89	11.17	12.38	12.41	-
12	BITUMINOUS COAL AND LIGNITE MINING	482.78	458.08	529.91	539.21	-	11.93	11.20	12.41	12.45	-
13	OIL AND GAS EXTRACTION	431.80	423.62	452.45	448.45	-	9.49	9.29	9.73	10.01	-
131, 2	Crude petroleum, natural gas, and natural gas liquids	459.78	439.74	465.93	490.75	-	10.81	10.52	11.12	11.52	-
138	Oil and gas field services	426.35	417.88	448.80	434.98	-	9.11	8.91	9.35	9.56	-
14	NONMETALLIC MINERALS, EXCEPT FUELS	356.04	342.93	369.79	344.31	-	8.28	8.05	8.56	8.92	-
142	Crushed and broken stone	342.58	322.15	358.39	338.29	-	7.93	7.58	8.09	8.54	-
	CONSTRUCTION	395.63	379.29	414.03	383.46	394.33	10.75	10.42	11.19	11.55	11.17
15	GENERAL BUILDING CONTRACTORS	349.23	337.84	364.90	335.48	-	9.70	9.49	10.08	10.29	-
152	Residential building construction	319.66	315.50	328.16	305.50	-	9.03	9.04	9.27	9.40	-
153	Operative builders	299.65	298.80	291.04	295.89	-	8.37	8.30	8.55	8.78	-
154	Nonresidential building construction	382.47	362.30	405.50	358.02	-	10.45	10.00	10.93	11.22	-
16	HEAVY CONSTRUCTION CONTRACTORS	413.66	382.31	438.07	393.33	-	10.29	9.63	10.79	11.57	-
161	Highway and street construction	380.70	337.95	370.54	323.41	-	9.40	8.47	9.31	9.86	-
162	Heavy construction, except highway	425.20	396.40	460.94	411.25	-	10.63	10.01	11.27	11.99	-
17	SPECIAL TRADE CONTRACTORS	412.13	399.08	427.93	401.83	-	11.48	11.21	11.92	12.14	-
171	Plumbing, heating, air conditioning	430.44	425.62	451.65	434.25	-	11.54	11.23	11.98	12.13	-
172	Painting, paper hanging, decorating	365.07	356.02	362.14	341.00	-	10.58	10.41	10.81	11.00	-
173	Electrical work	486.54	473.37	514.36	481.59	-	12.94	12.49	13.36	13.49	-
174	Masonry, stonework, and plastering	376.63	355.88	378.66	351.30	-	11.11	10.85	11.48	11.71	-
175	Carpentering and flooring	351.23	321.36	364.00	338.83	-	10.24	9.98	10.40	10.49	-
176	Roofing and sheet metal work	332.31	291.54	333.64	279.55	-	10.07	9.59	10.53	10.67	-
	MANUFACTURING	317.63	308.43	329.57	312.01	324.82	7.98	7.73	8.26	8.41	8.35
24, 25, 32-39	DURABLE GOODS	342.50	332.49	355.92	335.53	349.77	8.52	8.23	8.81	8.90	8.93
20-23, 26-31	NONDURABLE GOODS	281.85	273.22	292.04	278.02	289.17	7.19	6.97	7.45	7.68	7.57
	DURABLE GOODS										
24	LUMBER AND WOOD PRODUCTS	270.90	263.45	273.16	249.44	278.62	7.02	6.79	7.17	7.38	7.41
241	Logging camps and logging contractors	349.30	327.24	347.82	312.28	-	9.12	8.68	9.35	9.82	-
242	Sawmills and planing mills	283.81	280.59	281.18	252.73	-	7.24	7.05	7.38	7.75	-
2421	Sawmills and planing mills, general	298.70	296.46	296.42	279.62	-	7.62	7.43	7.78	8.20	-
2426	Hardwood dimension and flooring	198.97	195.72	202.15	172.98	-	5.05	4.93	5.21	5.29	-
243	Millwork, plywood, and structural members	263.73	260.63	267.02	250.58	-	6.85	6.70	6.99	7.18	-
2431	Millwork	268.35	256.70	280.14	269.75	-	6.97	6.72	7.22	7.35	-
2434	Wood kitchen cabinets	230.38	233.25	235.36	215.47	-	6.16	6.09	6.31	6.49	-
2435	Hardwood veneer and plywood	217.48	212.00	220.34	193.23	-	5.41	5.30	5.55	5.65	-
2436	Softwood veneer and plywood	323.33	326.36	313.22	330.67	-	8.42	8.20	8.42	8.64	-
244	Wood containers	207.59	196.51	216.01	189.53	-	5.42	5.34	5.64	5.76	-
245	Wood buildings and mobile homes	233.49	219.04	232.05	193.75	-	6.45	6.17	6.63	6.59	-
2451	Mobile homes	232.32	212.71	235.50	192.56	-	6.40	6.06	6.56	6.44	-
249	Miscellaneous wood products	236.80	227.93	248.88	220.93	-	5.92	5.67	6.13	6.19	-
25	FURNITURE AND FIXTURES	226.55	217.55	237.58	204.33	230.75	5.90	5.71	6.11	6.26	6.17
251	Household furniture	208.62	200.56	217.16	174.23	-	5.49	5.32	5.67	5.75	-
2511	Wood household furniture	195.58	187.94	203.45	158.77	-	5.08	4.92	5.23	5.31	-
2512	Upholstered household furniture	218.15	208.99	230.35	173.99	-	5.88	5.71	6.11	6.17	-
2514	Metal household furniture	222.32	210.27	231.66	210.54	-	5.73	5.49	5.94	6.05	-
2515	Mattresses and bedsprings	224.48	222.46	225.45	199.13	-	6.10	5.98	6.28	6.25	-
252	Office furniture	255.52	246.14	271.83	253.13	-	6.42	6.20	6.63	6.75	-
253	Public building and related furniture	263.63	246.54	294.24	269.51	-	6.59	6.21	7.09	7.13	-
254	Partitions and fixtures	273.02	268.03	284.31	257.85	-	7.11	6.98	7.29	7.42	-
259	Miscellaneous furniture and fixtures	261.07	244.48	273.24	256.21	-	6.66	6.40	6.90	7.08	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Avg. 1981	Jan. 1981	Dec. 1981	Jan. 1982P	Feb. 1982P	Avg. 1981	Jan. 1981	Dec. 1981	Jan. 1982P	Feb. 1982P
—	TOTAL PRIVATE	35.2	35.1	35.2	33.6	34.5	-	-	-	-	-
—	MINING	43.6	43.6	44.7	42.8	43.2	-	-	-	-	-
10	METAL MINING	40.5	40.7	40.0	38.9	-	-	-	-	-	-
101	Iron ores	39.9	37.7	35.7	35.7	-	-	-	-	-	-
102	Copper ores	41.6	42.5	42.5	39.6	-	-	-	-	-	-
11, 12	COAL MINING	40.5	40.9	42.7	40.9	-	-	-	-	-	-
12	BITUMINOUS COAL AND LIGNITE MINING	40.5	40.9	42.7	40.9	-	-	-	-	-	-
13	OIL AND GAS EXTRACTION	45.5	45.6	46.5	44.8	-	-	-	-	-	-
131, 2	Crude petroleum, natural gas, and natural gas liquids	41.7	41.8	41.9	42.6	-	-	-	-	-	-
138	Oil and gas field services	46.8	46.9	48.0	45.5	-	-	-	-	-	-
14	NONMETALLIC MINERALS, EXCEPT FUELS	43.0	42.6	43.2	38.5	-	-	-	-	-	-
142	Crushed and broken stone	43.2	42.5	44.3	36.1	-	-	-	-	-	-
—	CONSTRUCTION	36.8	36.4	37.0	33.2	35.3	-	-	-	-	-
15	GENERAL BUILDING CONTRACTORS	36.0	35.6	36.2	32.7	-	-	-	-	-	-
152	Residential building construction	35.4	34.9	35.4	32.5	-	-	-	-	-	-
153	Operative builders	35.8	36.0	34.0	33.7	-	-	-	-	-	-
154	Nonresidential building construction	36.6	36.2	37.1	32.8	-	-	-	-	-	-
16	HEAVY CONSTRUCTION CONTRACTORS	40.2	39.7	40.6	38.0	-	-	-	-	-	-
161	Highway and street construction	40.5	39.9	39.8	32.8	-	-	-	-	-	-
162	Heavy construction, except highway	40.0	39.6	40.9	39.3	-	-	-	-	-	-
17	SPECIAL TRADE CONTRACTORS	35.9	35.6	35.9	33.1	-	-	-	-	-	-
171	Plumbing, heating, air conditioning	37.3	37.9	37.7	35.8	-	-	-	-	-	-
172	Painting, paper hanging, decorating	34.6	34.2	33.5	31.0	-	-	-	-	-	-
173	Electrical work	37.6	37.9	38.5	35.7	-	-	-	-	-	-
174	Masonry, stonework, and plastering	33.9	32.8	33.1	30.3	-	-	-	-	-	-
175	Carpentering and flooring	34.3	32.2	35.0	32.3	-	-	-	-	-	-
176	Roofing and sheet metal work	33.0	30.4	31.4	26.2	-	-	-	-	-	-
—	MANUFACTURING	39.8	39.9	39.9	37.1	38.9	2.8	2.9	2.6	2.2	2.3
24, 25, 32-39	DURABLE GOODS	40.2	40.4	40.4	37.7	39.3	2.8	2.9	2.6	2.1	2.2
20-23, 26-31	NONDURABLE GOODS	39.2	39.2	39.2	36.2	38.2	2.8	2.9	2.6	2.4	2.4
	DURABLE GOODS										
24	LUMBER AND WOOD PRODUCTS	38.7	38.8	38.1	33.8	37.6	2.6	2.7	2.1	1.7	-
241	Logging camps and logging contractors	38.3	37.7	37.2	31.8	-	3.6	3.6	2.8	2.3	-
242	Sawmills and planing mills	39.2	39.8	38.1	33.9	-	3.0	3.2	2.6	2.1	-
2421	Sawmills and planing mills, general	39.2	39.9	38.1	34.1	-	3.2	3.8	2.8	2.4	-
2426	Hardwood dimension and flooring	39.4	39.7	38.8	32.7	-	2.3	2.6	1.7	1.2	-
243	Millwork, plywood, and structural members	38.5	38.9	38.2	34.9	-	2.1	2.4	1.6	1.3	-
2431	Millwork	38.5	38.2	38.8	36.7	-	1.5	1.9	1.2	.8	-
2434	Wood kitchen cabinets	37.4	36.3	37.3	33.2	-	1.4	1.7	1.3	1.1	-
2435	Hardwood veneer and plywood	40.2	40.0	39.7	34.2	-	3.1	3.3	2.1	1.9	-
2436	Softwood veneer and plywood	38.4	39.8	37.2	34.8	-	2.9	3.5	2.0	2.0	-
244	Wood containers	38.3	36.8	38.3	32.9	-	2.1	1.7	1.8	1.5	-
245	Wood buildings and mobile homes	36.2	35.5	35.0	29.4	-	1.3	1.3	.7	.3	-
2451	Mobile homes	36.3	35.1	35.9	29.9	-	1.0	1.1	.8	.3	-
249	Miscellaneous wood products	40.0	40.2	40.6	35.7	-	2.7	2.7	2.3	1.9	-
25	FURNITURE AND FIXTURES	38.4	38.1	38.9	32.5	37.4	1.8	1.9	1.8	1.2	-
251	Household furniture	38.0	37.7	38.3	30.3	-	1.7	1.7	1.5	.8	-
2511	Wood household furniture	38.5	38.2	38.9	29.9	-	1.8	1.8	1.6	1.0	-
2512	Upholstered household furniture	37.1	36.6	37.7	28.2	-	1.2	1.1	1.4	.4	-
2514	Metal household furniture	38.8	38.3	39.0	34.8	-	2.5	3.0	1.7	1.3	-
2515	Mattresses and bedsprings	36.8	37.2	35.9	31.7	-	1.6	1.8	.9	.7	-
252	Office furniture	39.8	39.7	41.0	37.5	-	2.6	2.7	3.1	2.4	-
253	Public building and related furniture	40.0	39.7	41.5	37.8	-	2.5	3.1	3.5	2.1	-
254	Partitions and fixtures	38.4	38.4	39.3	36.1	-	2.1	2.0	2.0	1.6	-
259	Miscellaneous furniture and fixtures	39.2	38.2	39.6	37.6	-	1.5	1.0	1.6	1.6	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Avg. 1981	Jan. 1981	Dec. 1981	Jan. 1982P	Feb. 1982P	Avg. 1981	Jan. 1981	Dec. 1981	Jan. 1982P	Feb. 1982P
32	STONE, CLAY, AND GLASS PRODUCTS	$335.76	$317.16	$343.25	$324.51	$337.26	$8.27	$7.87	$8.56	$8.70	$8.67
321	Flat glass	448.45	431.53	468.83	459.82	-	10.78	10.25	11.27	11.08	-
322	Glass and glassware, pressed or blown	355.66	340.71	365.82	355.15	-	8.76	8.31	9.10	9.13	-
3221	Glass containers	377.61	366.24	383.13	372.01	-	9.21	8.72	9.46	9.49	-
3229	Pressed and blown glass, nec	326.41	306.48	343.54	331.78	-	8.14	7.72	8.61	8.64	-
323	Products of purchased glass	294.52	285.42	313.91	285.38	-	7.40	7.03	7.77	7.84	-
324	Cement, hydraulic	488.14	458.70	505.98	500.53	-	11.65	11.00	11.99	12.09	-
325	Structural clay products	271.35	254.38	278.20	267.85	-	6.75	6.44	6.99	7.22	-
326	Pottery and related products	270.57	264.77	276.14	257.18	-	6.92	6.72	7.21	7.30	-
327	Concrete, gypsum, and plaster products	335.38	306.53	336.84	296.84	-	8.18	7.78	8.40	8.53	-
3271	Concrete block and brick	311.96	289.04	312.53	273.24	-	7.41	7.19	7.66	7.92	-
3272	Concrete products, nec	300.56	281.07	311.40	273.35	-	7.26	6.94	7.54	7.81	-
3273	Ready mixed concrete	359.68	321.90	356.13	312.74	-	9.06	8.63	9.25	9.42	-
329	Misc. nonmetallic mineral products	333.34	317.70	341.70	330.33	-	8.17	7.73	8.50	8.58	-
3291	Abrasive products	318.33	300.85	331.29	300.03	-	7.86	7.41	8.18	8.13	-
3292	Asbestos products	337.00	322.26	336.87	313.50	-	8.28	7.86	8.55	8.45	-
33	PRIMARY METAL INDUSTRIES	437.81	425.80	439.16	430.46	436.36	10.61	10.36	11.09	11.21	11.16
331	Blast furnace and basic steel products	508.18	484.38	502.96	505.65	-	12.61	11.96	13.03	13.10	-
3312	Blast furnaces and steel mills	525.71	499.72	518.37	524.57	-	13.11	12.40	13.57	13.59	-
3317	Steel pipe and tubes	418.78	408.94	425.14	413.17	-	10.14	9.76	10.42	10.54	-
332	Iron and steel foundries	355.78	361.97	358.94	341.07	-	9.03	8.85	9.18	9.37	-
3321	Gray iron foundries	361.03	368.83	360.99	343.20	-	9.21	9.04	9.28	9.56	-
3322	Malleable iron foundries	372.10	376.94	369.61	353.43	-	9.64	9.40	9.83	9.90	-
3325	Steel foundries, nec	344.46	344.83	354.52	339.68	-	8.59	8.39	8.93	9.01	-
333	Primary nonferrous metals	499.15	472.76	513.77	514.08	-	11.97	11.31	12.44	12.60	-
3334	Primary aluminum	530.40	499.20	534.60	533.86	-	12.75	12.00	13.20	13.28	-
335	Nonferrous rolling and drawing	405.72	404.12	408.36	391.84	-	9.66	9.42	9.96	9.92	-
3351	Copper rolling and drawing	358.28	366.21	349.25	335.55	-	8.49	8.38	8.56	8.56	-
3353	Aluminum sheet, plate, and foil	521.52	501.56	524.07	523.40	-	12.30	11.53	12.94	12.86	-
3357	Nonferrous wire drawing and insulating	372.44	378.38	379.35	362.58	-	8.91	8.82	9.23	9.11	-
336	Nonferrous foundries	320.00	312.73	334.56	315.02	-	7.98	7.76	8.20	8.29	-
3361	Aluminum foundries	329.65	326.38	345.24	323.38	-	8.18	7.98	8.40	8.51	-
34	FABRICATED METAL PRODUCTS	330.46	318.76	344.61	323.19	336.65	8.20	7.89	8.53	8.55	8.61
341	Metal cans and shipping containers	473.06	449.36	504.83	481.37	-	10.85	10.33	11.37	11.38	-
3411	Metal cans	491.44	463.28	534.36	502.68	-	11.22	10.65	11.77	11.80	-
342	Cutlery, hand tools, and hardware	308.11	295.18	319.97	301.99	-	7.82	7.53	8.08	8.14	-
3423 5	Hand and edge tools, and hand saws and blades	296.11	285.98	306.06	284.10	-	7.44	7.24	7.69	7.72	-
3429	Hardware, nec	321.01	310.44	330.46	315.24	-	8.21	7.96	8.43	8.52	-
343	Plumbing and heating, except electric	282.41	271.44	294.06	278.82	-	7.26	6.96	7.54	7.66	-
3432	Plumbing fittings and brass goods	274.13	271.89	280.52	259.48	-	6.94	6.73	7.23	7.33	-
3433	Heating equipment, except electric	277.59	261.44	299.65	288.41	-	7.21	6.88	7.51	7.65	-
344	Fabricated structural metal products	320.80	307.53	340.06	314.91	-	7.98	7.65	8.42	8.42	-
3441	Fabricated structural metal	341.55	328.68	364.91	321.77	-	8.29	7.92	8.73	8.72	-
3442	Metal doors, sash, and trim	251.16	240.95	265.90	242.47	-	6.44	6.21	6.74	6.83	-
3443	Fabricated plate work (boiler shops)	358.34	346.90	385.90	355.74	-	8.74	8.42	9.21	9.24	-
3444	Sheet metal work	318.75	302.25	342.10	319.88	-	8.09	7.75	8.51	8.53	-
3446	Architectural metal work	299.03	285.32	334.96	305.37	-	7.42	7.08	7.90	7.79	-
345	Screw machine products, bolts, etc	311.08	302.33	320.80	304.84	-	7.70	7.41	7.98	7.98	-
3451	Screw machine products	284.17	268.50	295.54	286.03	-	7.14	6.80	7.37	7.41	-
3452	Bolts, nuts, rivets, and washers	338.66	335.54	347.04	324.42	-	8.24	7.97	8.59	8.56	-
346	Metal forgings and stampings	383.43	373.11	384.07	353.95	-	9.49	9.19	9.65	9.60	-
3462	Iron and steel forgings	404.21	393.60	422.50	405.18	-	10.08	9.84	10.33	10.31	-
3465	Automotive stampings	478.17	465.15	458.96	425.46	-	11.55	11.29	11.59	11.53	-
3469	Metal stampings, nec	288.62	279.90	300.23	285.72	-	7.27	6.98	7.62	7.66	-
347	Metal services, nec	262.51	257.86	267.92	260.13	-	6.53	6.32	6.80	6.90	-
3471	Plating and polishing	256.61	247.95	266.34	261.06	-	6.48	6.23	6.75	6.87	-
3479	Metal coating and allied services	275.98	279.07	272.16	259.65	-	6.65	6.49	6.89	6.98	-
348	Ordnance and accessories, nec	332.10	323.79	356.38	345.93	-	8.20	7.84	8.65	8.78	-
3483	Ammunition, exc. for small arms, nec	293.92	283.01	319.50	302.63	-	7.46	7.04	7.85	8.07	-
349	Misc. fabricated metal products	308.03	298.69	325.20	308.07	-	7.72	7.43	8.13	8.15	-
3494	Valves and pipe fittings	331.68	320.31	346.98	329.18	-	8.21	7.87	8.61	8.64	-
3496	Misc. fabricated wire products	267.18	261.88	275.80	254.83	-	6.73	6.58	7.00	7.10	-
35	MACHINERY, EXCEPT ELECTRICAL	351.15	351.44	381.80	353.11	373.30	8.83	8.53	9.20	9.21	9.24
351	Engines and turbines	438.18	419.58	460.81	437.70	-	10.90	10.36	11.35	11.31	-
3511	Turbines and turbine generator sets	406.81	408.20	433.89	420.55	-	10.02	9.86	10.43	10.54	-
3519	Internal combustion engines, nec	449.12	423.31	471.11	443.51	-	11.20	10.53	11.69	11.58	-
352	Farm and garden machinery	388.33	389.63	397.79	356.85	-	9.66	9.48	9.92	9.75	-
3523	Farm machinery and equipment	405.62	411.42	418.72	379.61	-	10.04	9.89	10.39	10.15	-
353	Construction and related machinery	399.51	381.47	426.38	401.00	-	9.65	9.17	10.08	10.05	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Avg. 1981	Jan. 1981	Dec. 1981	Jan. 1982P	Feb. 1982P	Avg. 1981	Jan. 1981	Dec. 1981	Jan. 1982P	Feb. 1982P
32	STONE, CLAY, AND GLASS PRODUCTS	40.6	40.3	40.1	37.3	38.3	3.8	3.5	3.3	2.8	-
321	Flat glass	41.6	42.1	41.6	41.5	-	3.8	3.9	2.9	3.6	-
322	Glass and glassware, pressed or blown	40.6	41.0	40.2	38.9	-	4.1	3.8	4.2	3.8	-
3221	Glass containers	41.0	42.0	40.5	39.2	-	4.7	4.3	4.9	4.5	-
3229	Pressed and blown glass, nec	40.1	39.7	39.9	38.4	-	3.4	3.2	3.2	2.9	-
323	Products of purchased glass	39.8	40.6	40.4	36.4	-	3.0	3.0	2.8	2.2	-
324	Cement, hydraulic	41.9	41.7	42.2	41.4	-	3.1	3.2	2.5	2.8	-
325	Structural clay products	40.2	39.5	39.8	37.1	-	2.9	2.7	2.6	2.5	-
326	Pottery and related products	39.1	39.4	38.3	35.6	-	2.0	2.3	1.9	1.5	-
327	Concrete, gypsum, and plaster products	41.0	39.4	40.1	34.8	-	4.8	4.1	4.1	2.8	-
3271	Concrete block and brick	42.1	40.2	40.8	34.5	-	4.6	3.8	3.7	2.2	-
3272	Concrete products, nec	41.4	40.5	41.3	35.0	-	4.9	3.8	4.1	3.1	-
3273	Ready-mixed concrete	39.7	37.3	38.5	33.2	-	4.8	3.6	4.0	2.4	-
329	Misc. nonmetallic mineral products	40.8	41.1	40.2	38.5	-	3.3	3.4	2.6	2.3	-
3291	Abrasive products	40.5	40.6	40.5	36.9	-	2.8	2.9	2.5	1.4	-
3292	Asbestos products	40.7	41.0	39.4	37.1	-	2.8	3.1	2.2	1.6	-
33	PRIMARY METAL INDUSTRIES	40.5	41.1	39.6	38.4	39.1	3.0	3.3	2.3	2.2	-
331	Blast furnace and basic steel products	40.3	40.5	38.6	38.6	-	2.7	2.7	1.6	2.0	-
3312	Blast furnaces and steel mills	40.1	40.3	38.2	38.6	-	2.6	2.6	1.6	2.1	-
3317	Steel pipe and tubes	41.3	41.9	40.8	39.2	-	3.5	3.8	2.4	2.2	-
332	Iron and steel foundries	39.4	40.9	39.1	36.4	-	2.8	3.3	2.4	2.1	-
3321	Gray iron foundries	39.2	40.8	38.9	35.9	-	2.9	3.3	2.4	2.1	-
3322	Malleable iron foundries	38.6	40.1	37.6	35.7	-	2.5	3.1	1.6	1.5	-
3325	Steel foundries, nec	40.1	41.1	39.7	37.7	-	2.8	3.4	2.8	2.4	-
333	Primary nonferrous metals	41.7	41.8	41.3	40.8	-	3.4	3.6	2.8	2.7	-
3334	Primary aluminum	41.6	41.6	40.5	40.2	-	3.7	3.6	2.9	2.9	-
335	Nonferrous rolling and drawing	42.3	42.9	41.0	39.5	-	4.3	5.0	3.3	2.7	-
3351	Copper rolling and drawing	42.2	43.7	40.8	39.2	-	4.6	5.0	3.2	2.5	-
3353	Aluminum sheet, plate and foil	42.4	43.5	40.5	40.7	-	5.3	6.2	3.7	3.2	-
3357	Nonferrous wire drawing and insulating	41.8	42.9	41.1	39.8	-	4.4	5.1	3.6	3.3	-
336	Nonferrous foundries	40.1	40.3	40.8	38.0	-	2.5	2.7	2.4	1.9	-
3361	Aluminum foundries	40.3	40.9	41.1	38.3	-	2.8	3.3	2.7	2.2	-
34	FABRICATED METAL PRODUCTS	40.3	40.4	40.4	37.8	39.1	2.7	2.8	2.5	2.0	-
341	Metal cans and shipping containers	43.6	43.5	44.4	42.3	-	4.5	4.8	3.9	4.2	-
3411	Metal cans	43.8	43.5	45.4	42.6	-	4.5	4.7	4.0	4.3	-
342	Cutlery, hand tools, and hardware	39.4	39.2	39.6	37.1	-	2.1	2.1	1.8	1.2	-
3423, 5	Hand and edge tools, and hand saws and blades	39.8	39.5	39.8	36.8	-	2.2	2.1	1.9	1.5	-
3429	Hardware, nec	39.1	39.0	39.2	37.0	-	2.1	2.1	1.5	1.0	-
343	Plumbing and heating, except electric	38.9	39.0	39.0	35.4	-	1.7	1.9	1.5	1.2	-
3432	Plumbing fittings and brass goods	39.5	40.4	38.8	35.4	-	1.9	2.0	1.1	1.0	-
3433	Heating equipment, except electric	38.5	38.0	39.9	37.7	-	1.5	1.7	2.1	1.4	-
344	Fabricated structural metal products	40.2	40.2	41.1	37.4	-	2.7	2.8	2.9	2.0	-
3441	Fabricated structural metal	41.2	41.5	41.8	36.9	-	3.1	3.3	3.3	2.1	-
3442	Metal doors, sash, and trim	39.0	38.8	39.6	35.5	-	2.1	2.1	2.1	1.4	-
3443	Fabricated plate work (boiler shops)	41.0	41.2	41.9	38.5	-	3.1	3.2	3.6	2.5	-
3444	Sheet metal work	39.4	39.0	40.2	37.5	-	2.4	2.3	2.5	1.8	-
3446	Architectural metal work	40.3	40.3	42.0	39.2	-	2.1	2.6	2.3	2.6	-
345	Screw machine products, bolts, etc.	40.4	40.8	40.2	38.2	-	2.8	3.1	2.2	1.6	-
3451	Screw machine products	39.8	39.5	40.1	38.6	-	2.6	2.7	2.3	2.1	-
3452	Bolts, nuts, rivets, and washers	41.1	42.1	40.4	37.9	-	3.3	3.5	2.1	1.0	-
346	Metal forgings and stampings	40.4	40.6	39.8	37.6	-	3.1	3.1	2.1	1.7	-
3462	Iron and steel forgings	40.1	40.0	40.9	39.3	-	3.0	3.2	2.9	2.4	-
3465	Automotive stampings	41.4	41.2	39.6	36.9	-	3.9	3.6	1.5	1.2	-
3469	Metal stampings, nec	39.7	40.1	39.4	37.3	-	2.4	2.4	2.3	1.8	-
347	Metal services, nec	40.2	40.8	39.4	37.7	-	2.6	2.4	2.5	2.0	-
3471	Plating and polishing	39.6	39.8	39.4	38.3	-	2.8	3.0	2.6	2.2	-
3479	Metal coating and allied services	41.5	43.0	39.5	37.2	-	2.2	1.2	2.4	1.7	-
348	Ordnance and accessories, nec	40.5	41.3	41.2	39.4	-	2.7	3.1	2.7	2.7	-
3483	Ammunition, exc. for small arms, nec	39.4	40.2	40.7	37.5	-	2.0	2.4	1.9	2.3	-
349	Misc. fabricated metal products	39.9	40.2	40.0	37.8	-	2.6	2.6	2.6	2.1	-
3494	Valves and pipe fittings	40.4	40.7	40.3	38.1	-	3.0	2.9	2.9	2.4	-
3496	Misc. fabricated wire products	39.7	39.8	39.4	37.3	-	2.4	2.3	2.0	1.7	-
35	MACHINERY, EXCEPT ELECTRICAL	40.9	41.2	41.5	39.1	40.4	3.2	3.4	3.3	2.6	-
351	Engines and turbines	40.2	40.5	40.6	38.7	-	2.8	2.7	2.4	1.7	-
3511	Turbines and turbine generator sets	40.6	41.4	41.6	39.9	-	3.4	3.6	3.7	2.4	-
3519	Internal combustion engines, nec	40.1	40.2	40.3	38.3	-	2.6	2.4	1.9	1.5	-
352	Farm and garden machinery	40.2	41.1	40.1	36.6	-	3.1	3.9	2.4	1.7	-
3523	Farm machinery and equipment	40.4	41.6	40.3	37.4	-	3.4	4.3	2.5	1.8	-
353	Construction and related machinery	41.4	41.6	42.3	39.9	-	3.4	3.3	3.9	3.1	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Avg. 1981	Jan. 1981	Dec. 1981	Jan. 1982P	Feb. 1982P	Avg. 1981	Jan. 1981	Dec. 1981	Jan. 1982P	Feb. 1982P
	MACHINERY, EXCEPT ELECTRICAL—Continued										
3531	Construction machinery	$432.52	$403.13	$450.80	$427.50	-	$10.84	$10.18	$11.27	$11.25	-
3532	Mining machinery	383.60	375.16	411.46	399.55	-	9.59	9.04	10.21	10.09	-
3533	Oil field machinery	414.95	398.05	452.95	427.15	-	9.16	8.71	9.72	9.73	-
3535	Conveyors and conveying equipment	330.79	319.80	355.63	333.80	-	8.46	8.20	8.59	8.67	-
3537	Industrial trucks and tractors	323.79	317.07	354.02	318.76	-	8.41	8.13	8.94	9.03	-
354	Metalworking machinery	373.15	368.46	393.86	379.89	-	8.97	8.69	9.40	9.45	-
3541	Machine tools, metal cutting types	386.13	387.19	413.05	396.58	-	9.15	8.84	9.74	9.72	-
3542	Machine tools, metal forming types	364.31	351.75	382.98	370.83	-	9.27	8.75	9.82	9.89	-
3544	Special dies, tools, jigs, and fixtures	404.18	403.62	427.12	410.94	-	9.51	9.30	9.91	9.95	-
3545	Machine tool accessories	334.56	325.07	345.14	332.73	-	8.18	7.89	8.48	8.62	-
3546	Power driven hand tools	284.47	266.66	323.74	298.38	-	7.22	6.82	7.71	7.71	-
355	Special industry machinery	337.02	327.89	365.43	336.77	-	8.22	7.92	8.68	8.77	-
3551	Food products machinery	349.46	343.10	379.89	350.45	-	8.65	8.43	9.11	9.15	-
3552	Textile machinery	265.72	258.56	274.62	222.13	-	6.61	6.40	6.90	6.92	-
3555	Printing trades machinery	359.97	353.81	391.09	364.84	-	8.45	8.19	8.97	9.19	-
356	General industrial machinery	355.31	346.01	376.74	355.15	-	8.73	8.46	9.10	9.13	-
3561	Pumps and pumping equipment	354.31	348.75	384.40	358.59	-	8.88	8.59	9.33	9.29	-
3562	Ball and roller bearings	361.57	354.48	374.31	349.44	-	8.65	8.40	8.87	8.78	-
3563	Air and gas compressors	390.35	372.73	422.26	391.03	-	9.25	8.77	9.82	10.00	-
3564	Blowers and fans	319.60	309.94	341.53	331.96	-	7.97	7.71	8.33	8.60	-
3566	Speed changers, drives, and gears	395.52	381.89	400.66	381.40	-	9.60	9.18	9.82	9.83	-
3568	Power transmission equipment, nec	340.70	332.00	358.48	344.27	-	8.33	8.30	8.68	8.76	-
357	Office and computing machines	307.02	292.94	327.89	314.31	-	7.47	7.18	7.77	7.78	-
3573	Electronic computing equipment	307.60	289.27	331.27	318.48	-	7.43	7.09	7.74	7.73	-
358	Refrigeration and service machinery	324.01	310.78	347.75	316.45	-	8.06	7.75	8.42	8.53	-
3585	Refrigeration and heating equipment	330.42	318.38	347.44	322.59	-	8.24	7.92	8.60	8.79	-
359	Misc. machinery, except electrical	345.91	338.60	355.13	341.72	-	8.52	8.34	8.77	8.83	-
3592	Carburetors, pistons, rings, valves	406.22	424.97	414.16	377.41	-	10.08	10.34	10.38	10.34	-
3599	Machinery, except electrical, nec	335.36	324.00	346.72	335.79	-	8.26	8.00	8.54	8.61	-
36	**ELECTRIC AND ELECTRONIC EQUIPMENT**	305.24	297.14	319.58	304.80	$316.38	7.65	7.41	7.93	8.00	$8.33
361	Electric distributing equipment	300.13	291.00	312.00	294.34	-	7.56	7.33	7.80	7.87	-
3612	Transformers	298.49	288.15	310.59	284.13	-	7.37	7.15	7.65	7.70	-
3613	Switchgear and switchboard apparatus	302.23	292.43	312.84	301.63	-	7.71	7.46	7.92	8.00	-
362	Electrical industrial apparatus	317.90	309.89	330.08	312.86	-	7.83	7.54	8.13	8.19	-
3621	Motors and generators	317.87	318.72	326.43	315.41	-	7.81	7.68	8.03	8.15	-
3622	Industrial controls	307.63	291.28	331.71	297.85	-	7.71	7.21	8.15	8.05	-
363	Household appliances	296.03	292.08	287.27	283.32	-	7.61	7.47	7.54	7.87	-
3632	Household refrigerators and freezers	343.00	343.07	348.81	340.18	-	8.81	8.45	9.05	9.11	-
3633	Household laundry equipment	344.42	345.93	345.40	327.32	-	9.04	8.87	9.26	9.46	-
3634	Electric housewares and fans	233.53	231.27	231.51	216.43	-	6.05	6.07	6.19	6.48	-
364	Electric lighting and wiring equipment	281.47	273.71	293.33	287.62	-	7.09	6.86	7.37	7.49	-
3641	Electric lamps	321.99	308.83	339.47	342.55	-	7.97	7.74	8.30	8.50	-
3643	Current-carrying wiring devices	269.87	260.18	283.91	275.28	-	6.73	6.44	7.08	7.15	-
3644	Noncurrent-carrying wiring devices	294.52	290.34	301.55	277.14	-	7.29	7.03	7.52	7.47	-
3645	Residential lighting fixtures	213.56	207.69	217.33	217.26	-	5.62	5.48	5.78	5.92	-
365	Radio and TV receiving equipment	283.87	267.96	304.44	284.25	-	7.26	6.96	7.63	7.58	-
3651	Radio and TV receiving sets	291.75	277.59	311.65	291.98	-	7.50	7.21	7.87	7.87	-
366	Communication equipment	356.87	341.47	386.14	359.58	-	8.79	8.39	9.26	9.22	-
3661	Telephone and telegraph apparatus	373.83	358.63	398.26	350.92	-	9.14	8.79	9.69	9.51	-
3662	Radio and TV communication equipment	346.63	330.08	379.32	334.61	-	8.56	8.11	9.01	9.07	-
367	Electronic components and accessories	263.87	256.16	277.67	270.59	-	6.63	6.42	6.89	7.01	-
3671-3	Electronic tubes	335.76	334.36	356.34	343.33	-	8.27	7.98	8.67	8.67	-
3674	Semiconductors and related devices	302.30	292.90	317.97	313.61	-	7.52	7.25	7.89	7.98	-
3679	Electronic components, nec	245.76	236.81	262.34	254.92	-	6.20	5.98	6.43	6.57	-
369	Misc. electrical equipment and supplies	351.75	351.14	354.89	334.36	-	8.75	8.67	8.85	8.94	-
3691	Storage batteries	346.12	350.02	358.57	343.30	-	8.61	8.60	8.81	8.94	-
3694	Engine electrical equipment	384.34	389.61	373.81	352.95	-	9.73	9.62	9.76	9.75	-
37	**TRANSPORTATION EQUIPMENT**	421.68	407.36	442.57	411.57	427.73	10.31	9.96	10.69	10.69	10.72
371	Motor vehicles and equipment	447.04	430.77	456.51	421.80	-	10.93	10.61	11.14	11.10	-
3711	Motor vehicles and car bodies	503.49	469.64	512.73	485.35	-	12.28	11.80	12.66	12.60	-
3713	Truck and bus bodies	352.48	345.14	376.24	370.27	-	8.79	8.65	9.11	9.28	-
3714	Motor vehicle parts and accessories	426.01	422.42	430.91	396.90	-	10.34	10.13	10.51	10.50	-
3715	Truck trailers	282.30	258.48	319.02	274.53	-	7.48	7.18	7.80	7.69	-
372	Aircraft and parts	425.80	413.40	464.95	440.88	-	10.31	9.89	10.94	10.94	-
3721	Aircraft	443.56	429.73	480.53	458.05	-	10.74	10.33	11.36	11.48	-
3724	Aircraft engines and engine parts	421.61	412.17	460.37	439.73	-	10.41	9.98	11.04	10.94	-
3728	Aircraft equipment, nec	396.02	379.14	437.44	408.20	-	9.34	8.90	10.01	9.86	-
373	Ship and boat building and repairing	363.86	350.92	389.69	335.58	-	8.94	8.58	9.39	9.40	-
3731	Shipbuilding and repairing	381.77	368.26	408.62	347.93	-	9.38	8.96	9.87	9.94	-
3732	Boat building and repairing	301.32	285.73	324.43	293.36	-	7.44	7.09	7.78	7.72	-
374	Railroad equipment	415.22	398.24	424.60	410.30	-	10.87	10.48	11.00	11.00	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Avg. 1981	Jan. 1981	Dec. 1981	Jan. 1982P	Feb. 1982P	Avg. 1981	Jan. 1981	Dec. 1981	Jan. 1982P	Feb. 1982P
	MACHINERY, EXCEPT ELECTRICAL—Continued	39.9	39.6	40.3	38.0	-	1.8	1.8	2.3	1.3	-
3531	Construction machinery	40.3	41.5	40.3	39.6	-	2.2	2.5	2.3	2.1	-
3532	Mining machinery	45.3	45.7	46.6	43.9	-	6.2	6.2	6.8	6.0	-
3533	Oil field machinery	39.1	39.0	41.4	38.5	-	2.9	2.8	3.6	2.8	-
3535	Conveyors and conveying equipment	38.5	39.0	39.6	35.3	-	2.3	2.3	2.4	1.5	-
3537	Industrial trucks and tractors	41.6	42.4	41.9	40.2	-	4.1	4.7	4.0	3.3	-
354	Metalworking machinery	42.2	43.8	42.1	40.8	-	4.5	5.3	4.3	3.3	-
3541	Machine tools, metal cutting types	39.3	40.2	39.0	37.5	-	2.8	3.3	3.0	2.3	-
3542	Machine tools, metal forming types	42.5	43.4	43.1	41.3	-	5.0	5.6	4.9	4.3	-
3544	Special dies, tools, jigs, and fixtures	40.9	41.2	40.7	38.6	-	3.3	3.6	2.9	2.1	-
3545	Machine tool accessories	39.4	39.1	41.6	38.7	-	2.3	2.2	2.3	2.0	-
3546	Power driven hand tools	41.0	41.4	42.1	38.4	-	2.9	3.1	3.4	2.4	-
355	Special industry machinery	40.4	40.7	41.7	38.3	-	2.3	2.4	3.2	2.4	-
3551	Food products machinery	40.2	40.4	39.8	32.1	-	2.0	2.1	1.9	1.0	-
3552	Textile machinery	42.6	43.2	43.6	39.7	-	4.0	4.7	4.8	2.8	-
3555	Printing trades machinery	40.7	40.9	41.4	39.9	-	3.0	3.2	3.2	2.4	-
356	General industrial machinery	39.9	40.6	41.2	38.6	-	2.8	2.6	3.5	2.4	-
3561	Pumps and pumping equipment	41.8	42.2	42.2	39.8	-	3.6	4.0	3.7	2.9	-
3562	Ball and roller bearings	42.2	42.5	43.0	39.1	-	3.7	4.3	4.3	2.9	-
3563	Air and gas compressors	40.1	40.2	41.0	38.6	-	3.0	3.3	3.0	2.6	-
3564	Blowers and fans	41.2	41.6	40.8	38.8	-	3.4	3.0	2.9	1.8	-
3566	Speed changers, drives, and gears	40.9	40.0	41.3	39.1	-	3.0	3.0	2.6	2.1	-
3568	Power transmission equipment, nec	41.1	40.8	42.2	40.4	-	2.7	2.4	3.2	2.6	-
357	Office and computing machines	41.4	40.8	42.8	41.2	-	2.9	2.5	3.6	3.0	-
3573	Electronic computing equipment	40.2	40.1	41.3	37.1	-	2.3	2.5	2.0	1.3	-
358	Refrigeration and service machinery	40.1	40.2	40.4	36.7	-	2.2	2.4	1.9	1.3	-
3585	Refrigeration and heating equipment	40.6	40.6	40.5	38.7	-	3.5	3.7	3.4	2.9	-
359	Misc. machinery, except electrical	40.3	41.1	39.9	36.5	-	2.5	3.0	1.8	1.0	-
3592	Carburetors, pistons, rings, valves	40.6	40.5	40.6	39.0	-	3.7	3.7	3.7	3.2	-
3599	Machinery, except electrical, nec	39.9	40.1	40.3	38.1	39.4	2.2	2.3	2.3	1.7	-
36	**ELECTRIC AND ELECTRONIC EQUIPMENT**	39.7	39.7	40.0	37.4	-	2.5	2.2	2.4	2.1	-
361	Electric distributing equipment	40.5	40.3	40.6	36.9	-	2.6	2.3	2.9	2.3	-
3612	Transformers	39.2	39.2	39.5	37.7	-	2.4	2.1	2.0	2.0	-
3613	Switchgear and switchboard apparatus	40.6	41.1	40.6	38.2	-	2.7	2.6	2.4	1.6	-
362	Electrical industrial apparatus	40.7	41.5	40.9	38.7	-	2.7	2.8	2.4	1.8	-
3621	Motors and generators	39.3	40.4	40.7	37.3	-	2.4	1.8	2.7	1.0	-
3622	Industrial controls	38.9	39.1	38.1	36.3	-	1.7	1.7	1.3	1.2	-
363	Household appliances	39.5	40.6	38.5	38.0	-	1.6	1.2	.5	.7	-
3632	Household refrigerators and freezers	38.1	39.0	37.3	34.6	-	1.0	.9	.5	.5	-
3633	Household laundry equipment	38.6	38.1	37.4	33.4	-	1.6	1.2	1.4	.7	-
3634	Electric housewares and fans	39.7	39.9	39.8	38.4	-	2.2	2.4	2.0	1.7	-
364	Electric lighting and wiring equipment	40.4	39.9	40.9	40.3	-	1.9	1.9	2.1	2.0	-
3641	Electric lamps	40.1	40.4	40.1	38.5	-	2.6	2.7	2.3	1.9	-
3643	Current carrying wiring devices	40.4	41.3	40.1	37.1	-	2.5	2.8	1.8	1.3	-
3644	Noncurrent carrying wiring devices	38.3	37.9	37.6	36.7	-	1.4	1.2	1.3	1.1	-
3645	Residential lighting fixtures	39.1	38.5	39.9	37.5	-	1.5	1.2	1.3	.5	-
365	Radio and TV receiving equipment	38.9	38.5	39.6	37.1	-	1.5	1.5	1.5	.7	-
3651	Radio and TV receiving sets	40.6	40.7	41.7	39.3	-	2.3	2.3	2.8	1.9	-
366	Communication equipment	40.9	40.6	41.1	38.9	-	2.4	2.3	2.9	1.5	-
3661	Telephone and telegraph apparatus	40.5	40.7	40.1	40.2	-	2.2	2.3	2.8	2.2	-
3662	Radio and TV communication equipment	39.8	39.9	40.3	38.5	-	2.3	2.4	2.4	2.1	-
367	Electronic components and accessories	40.6	41.9	41.1	39.6	-	2.0	2.0	2.1	1.7	-
3671,3	Electronic tubes	40.2	40.4	40.3	39.3	-	2.4	2.7	2.4	2.4	-
3674	Semiconductors and related devices	39.8	39.6	40.8	38.3	-	2.4	2.4	2.7	2.1	-
3679	Electronic components, nec	40.2	40.5	40.1	37.4	-	2.2	2.8	2.0	1.7	-
369	Misc. electrical equipment and supplies	40.2	40.7	40.7	38.4	-	2.2	3.1	1.9	2.2	-
3691	Storage batteries	39.5	40.5	38.3	35.2	-	2.0	2.8	1.5	1.3	-
3694	Engine electrical equipment	40.9	40.9	41.4	38.5	39.3	3.2	3.2	2.8	2.2	-
37	**TRANSPORTATION EQUIPMENT**	40.9	40.6	40.8	38.3	-	3.0	2.8	1.8	1.5	-
371	Motor vehicles and equipment	41.0	39.8	40.5	38.6	-	3.0	2.4	1.5	1.3	-
3711	Motor vehicles and car bodies	40.1	39.9	41.3	39.9	-	2.6	3.1	1.9	2.8	-
3713	Truck and bus bodies	41.2	41.7	41.0	37.8	-	3.1	3.3	2.1	1.5	-
3714	Motor vehicle parts and accessories	37.7	36.0	40.9	35.7	-	1.5	.8	2.4	.7	-
3715	Truck trailers	41.3	41.8	42.5	40.3	-	3.5	3.7	4.1	3.1	-
372	Aircraft and parts	41.3	41.6	42.3	39.9	-	3.1	3.2	3.4	3.0	-
3721	Aircraft	40.5	41.3	41.7	40.2	-	3.5	4.0	4.4	3.9	-
3724	Aircraft engines and engine parts	42.4	42.6	43.7	41.4	-	4.4	4.5	5.2	3.6	-
3728	Aircraft equipment, nec	40.7	40.9	41.5	35.7	-	3.6	3.9	3.1	2.1	-
373	Ship and boat building and repairing	40.7	41.1	41.4	35.3	-	3.6	4.1	3.1	2.1	-
3731	Ship building and repairing	40.5	40.3	41.7	38.0	-	3.5	3.2	3.2	2.1	-
3732	Boat building and repairing	38.2	38.0	38.6	37.3	-	2.1	1.1	2.1	1.2	-
374	Railroad equipment										

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Avg. 1981	Jan. 1981	Dec. 1981	Jan. 1982P	Feb. 1982P	Avg. 1981	Jan. 1981	Dec. 1981	Jan. 1982P	Feb. 1982P
	TRANSPORTATION EQUIPMENT—Continued										
376	Guided missiles, space vehicles, parts	$411.26	$430.41	$448.99	$427.73	-	$13.09	$9.79	$10.61	$10.64	-
3761	Guided missiles and space vehicles	419.80	404.78	463.01	438.98	-	10.34	9.97	10.92	10.92	-
379	Miscellaneous transportation equipment	303.96	283.29	359.11	325.79	-	7.58	7.10	8.41	8.04	-
3792	Travel trailers and campers	258.23	236.36	274.90	250.61	-	6.76	6.22	7.37	7.30	-
38	INSTRUMENTS AND RELATED PRODUCTS	300.58	291.91	316.68	305.69	$316.00	7.44	7.19	7.83	7.94	$7.99
381	Engineering and scientific instruments	318.61	305.25	344.38	325.84	-	7.79	7.50	8.18	8.27	-
382	Measuring and controlling devices	297.68	288.95	307.49	292.61	-	7.35	7.06	7.63	7.68	-
3822	Environmental controls	269.30	260.25	286.24	276.01	-	6.87	6.49	7.21	7.38	-
3823	Process control instruments	314.81	302.32	343.39	313.67	-	7.39	7.08	7.84	7.87	-
3825	Instruments to measure electricity	307.53	300.92	303.80	294.03	-	7.65	7.43	7.85	7.94	-
383	Optical instruments and lenses	320.40	320.28	347.34	339.93	-	7.99	7.85	8.27	8.27	-
384	Medical instruments and supplies	254.87	245.39	272.83	255.68	-	6.42	6.15	6.77	6.90	-
3841	Surgical and medical instruments	255.33	241.38	277.16	256.73	-	6.32	5.96	6.76	7.00	-
3842	Surgical appliances and supplies	255.98	249.64	269.28	265.92	-	6.53	6.32	6.80	6.85	-
385	Ophthalmic goods	223.63	217.95	226.93	231.66	-	5.62	5.49	5.69	5.94	-
386	Photographic equipment and supplies	406.29	402.90	441.84	432.48	-	9.79	9.57	10.52	10.63	-
387	Watches, clocks, and watchcases	223.29	217.32	229.70	216.39	-	5.74	5.63	5.92	6.13	-
39	MISCELLANEOUS MANUFACTURING INDUSTRIES	232.62	224.65	242.42	233.05	241.17	5.98	5.82	6.20	6.32	6.33
391	Jewelry, silverware, and plated ware	246.40	229.32	261.46	236.58	-	6.40	6.14	6.67	6.59	-
3911	Jewelry, precious metal	245.97	226.81	265.38	239.88	-	6.49	6.18	6.77	6.71	-
393	Musical instruments	225.02	212.77	235.62	206.88	-	5.86	5.57	6.15	6.18	-
394	Toys and sporting goods	217.01	208.44	220.63	218.22	-	5.55	5.40	5.75	5.93	-
3942 4	Dolls, games, toys, and children's vehicles	203.52	196.18	200.26	206.64	-	5.30	5.19	5.27	5.63	-
3949	Sporting and athletic goods, nec	231.42	218.34	245.39	226.81	-	5.80	5.57	6.15	6.18	-
395	Pens, pencils, office and art supplies	244.00	236.31	259.53	248.57	-	6.10	5.93	6.33	6.49	-
396	Costume jewelry and notions	198.79	193.92	206.22	199.23	-	5.15	5.05	5.36	5.45	-
3961	Costume jewelry	181.34	178.40	179.71	181.86	-	4.81	4.77	4.91	5.01	-
399	Miscellaneous manufactures	250.39	246.48	259.35	245.75	-	6.47	6.32	6.65	6.77	-
3993	Signs and advertising displays	267.83	263.74	278.46	269.92	-	6.92	6.72	7.14	7.18	-
	NONDURABLE GOODS										
20	FOOD AND KINDRED PRODUCTS	295.77	288.40	310.68	302.63	309.73	7.45	7.21	7.69	7.82	7.73
201	Meat products	295.07	295.40	308.37	302.21	-	7.47	7.33	7.69	7.87	-
2011	Meat packing plants	371.77	381.47	385.40	387.32	-	8.98	8.81	9.22	9.20	-
2013	Sausages and other prepared meats	344.92	335.41	366.06	355.78	-	8.71	8.47	8.95	9.03	-
2016	Poultry dressing plants	179.19	172.42	190.51	169.98	-	4.83	4.66	5.04	5.12	-
202	Dairy products	309.41	293.13	321.26	318.35	-	7.51	7.22	7.76	7.88	-
2022	Cheese, natural and processed	283.22	267.50	293.14	285.70	-	7.17	6.93	7.29	7.44	-
2026	Fluid milk	323.95	308.84	335.65	335.17	-	7.75	7.46	8.03	8.12	-
203	Preserved fruits and vegetables	254.14	249.60	269.25	259.14	-	6.55	6.29	6.74	6.81	-
2032	Canned specialties	301.17	287.12	337.34	331.50	-	7.31	7.16	7.53	7.50	-
2033	Canned fruits and vegetables	260.74	259.83	267.53	257.33	-	6.72	6.35	6.79	7.05	-
2037	Frozen fruits and vegetables	234.70	246.79	242.69	251.54	-	6.16	5.89	6.32	6.32	-
204	Grain mill products	349.78	338.67	372.78	363.32	-	8.23	7.95	8.55	8.63	-
2041	Flour and other grain mill products	371.25	356.80	385.06	383.58	-	9.25	8.80	8.56	8.63	-
2048	Prepared feeds, nec	285.24	282.94	301.71	293.85	-	6.68	6.58	6.92	7.03	-
205	Bakery products	301.44	288.80	312.58	296.74	-	7.85	7.58	8.14	8.22	-
2051	Bread, cake, and related products	301.34	291.20	314.77	305.16	-	7.93	7.60	8.24	8.27	-
2052	Cookies and crackers	301.36	311.33	306.94	273.36	-	7.61	7.52	7.85	8.04	-
206	Sugar and confectionery products	288.64	276.06	293.87	288.62	-	7.18	6.85	7.15	7.27	-
2061 3	Cane and beet sugar	356.83	336.49	352.72	342.71	-	8.26	7.70	7.98	7.97	-
2065	Confectionery products	246.65	235.01	249.95	247.69	-	6.39	6.12	6.36	6.57	-
207	Fats and oils	333.33	320.54	346.32	341.85	-	7.77	7.42	7.80	7.95	-
208	Beverages	361.26	333.83	387.09	359.25	-	8.92	8.43	9.35	9.42	-
2082	Malt beverages	511.41	462.99	556.55	541.43	-	12.09	11.32	12.69	12.83	-
2086	Bottled and canned soft drinks	266.39	247.02	279.00	253.73	-	6.71	6.35	7.01	6.99	-
209	Misc. foods and kindred products	247.00	240.33	258.34	251.08	-	6.50	6.35	6.71	6.86	-
21	TOBACCO MANUFACTURES	382.22	328.10	339.09	329.59	359.64	8.82	9.50	8.90	9.13	9.39
211	Cigarettes	419.33	403.75	410.30	400.73	-	10.67	10.97	11.00	11.07	-
22	TEXTILE MILL PRODUCTS	219.14	213.47	223.79	179.14	216.75	5.52	5.35	5.72	5.76	5.78
221	Weaving mills, cotton	228.57	220.70	233.05	163.46	-	5.70	5.49	5.93	5.88	-
222	Weaving mills, synthetics	238.96	230.74	237.98	190.60	-	5.88	5.56	6.04	6.07	-
223	Weaving and finishing mills, wool	233.45	225.35	236.32	240.35	-	5.68	5.43	5.87	5.92	-
224	Narrow fabric mills	201.10	197.07	210.01	194.38	-	5.04	4.89	5.29	5.34	-
225	Knitting mills	194.29	190.51	193.94	163.79	-	5.14	5.04	5.27	5.37	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Avg. 1981	Jan. 1981	Dec. 1981	Jan. 1982P	Feb. 1982P	Avg. 1981	Jan. 1981	Dec. 1981	Jan. 1982P	Feb. 1982P
	TRANSPORTATION EQUIPMENT—Continued	40.8	40.9	42.3	40.2	-	3.2	3.5	3.5	2.8	-
376	Guided missiles, space vehicles, parts	40.6	40.6	42.4	40.2	-	2.9	2.9	3.2	2.6	-
3761	Guided missiles and space vehicles	40.1	39.9	42.7	38.6	-	2.2	2.1	3.0	3.3	-
379	Miscellaneous transportation equipment	38.2	38.0	37.3	35.7	-	1.7	1.8	1.8	2.4	-
3792	Travel trailers and campers										
38	INSTRUMENTS AND RELATED PRODUCTS	40.4	40.6	40.7	38.5	39.8	2.2	2.4	2.3	1.8	-
381	Engineering and scientific instruments	40.9	40.7	42.1	39.4	-	2.9	2.9	3.1	2.3	-
382	Measuring and controlling devices	40.5	40.8	40.3	38.1	-	2.0	2.1	2.1	1.5	-
3822	Environmental controls	39.2	40.1	39.7	37.4	-	1.8	2.5	1.5	1.3	-
3823	Process control instruments	42.6	42.7	43.8	39.5	-	2.9	3.2	3.1	2.1	-
3825	Instruments to measure electricity	40.2	40.5	38.7	37.5	-	1.7	1.6	1.7	1.2	-
383	Optical instruments and lenses	40.1	40.8	42.0	41.1	-	2.7	3.3	2.8	2.1	-
384	Medical instruments and supplies	39.7	39.9	40.3	37.2	-	2.2	2.3	2.5	1.8	-
3841	Surgical and medical instruments	40.4	40.5	41.0	38.1	-	2.3	2.4	2.6	2.2	-
3842	Surgical appliances and supplies	39.2	39.5	39.6	35.9	-	2.3	2.4	2.5	1.7	-
385	Ophthalmic goods	39.8	39.7	39.2	39.0	-	1.4	1.5	1.2	1.2	-
386	Photographic equipment and supplies	41.5	42.1	42.0	40.8	-	2.8	3.5	2.7	2.3	-
387	Watches, clocks, and watchcases	38.9	38.6	38.8	35.3	-	1.4	.7	1.3	.7	-
39	MISCELLANEOUS MANUFACTURING INDUSTRIES	38.9	38.6	39.1	36.4	38.1	1.9	1.8	2.0	1.3	-
391	Jewelry, silverware, and plated ware	38.5	37.3	39.2	35.9	-	2.1	1.6	2.5	1.2	-
3911	Jewelry, precious metal	37.9	36.7	39.2	35.6	-	2.3	2.0	2.9	1.2	-
393	Musical instruments	38.4	38.2	38.8	33.8	-	1.1	.8	1.4	.6	-
394	Toys and sporting goods	39.1	38.6	39.1	36.8	-	1.9	1.4	1.6	1.1	-
3942, 4	Dolls, games, toys, and children's vehicles	38.4	37.8	38.0	36.9	-	1.6	1.1	.9	.8	-
3949	Sporting and athletic goods, nec	39.9	39.2	39.9	36.7	-	2.2	1.6	2.3	1.4	-
395	Pens, pencils, office and art supplies	40.0	39.8	41.0	38.3	-	2.1	2.3	2.1	1.6	-
396	Costume jewelry and notions	38.6	38.4	38.1	36.3	-	2.1	2.1	2.4	1.6	-
3961	Costume jewelry	37.7	37.4	36.6	36.3	-	1.9	1.9	2.2	1.8	-
399	Miscellaneous manufactures	38.7	39.0	39.0	36.3	-	1.9	2.2	1.9	1.4	-
3993	Signs and advertising displays	38.7	38.8	39.0	36.2	-	2.4	2.7	2.4	1.6	-
	NONDURABLE GOODS										
20	FOOD AND KINDRED PRODUCTS	39.7	40.0	40.4	38.7	38.3	3.7	4.0	3.7	3.7	-
201	Meat products	39.5	40.3	40.1	38.4	-	3.7	4.4	4.0	4.4	-
2011	Meat packing plants	41.4	43.3	41.8	42.1	-	4.6	6.0	5.2	5.7	-
2013	Sausages and other prepared meats	39.6	39.6	40.9	39.4	-	3.4	3.4	3.8	4.0	-
2016	Poultry dressing plants	37.1	37.0	37.8	33.2	-	2.6	2.8	2.8	2.9	-
202	Dairy products	41.2	40.6	41.4	40.4	-	3.9	3.7	3.8	3.6	-
2022	Cheese, natural and processed	39.5	38.6	39.8	38.4	-	3.3	3.0	3.1	2.8	-
2026	Fluid milk	41.8	41.4	41.8	41.4	-	4.3	4.1	4.0	4.2	-
203	Preserved fruits and vegetables	38.8	40.0	39.8	38.2	-	3.5	4.1	3.0	2.9	-
2032	Canned specialties	41.2	40.1	44.8	40.2	-	4.5	6.4	4.5	3.3	-
2033	Canned fruits and vegetables	38.8	39.5	39.4	36.5	-	3.6	3.0	2.7	2.2	-
2037	Frozen fruits and vegetables	38.1	41.9	38.4	39.8	-	3.6	6.2	2.9	3.9	-
204	Grain mill products	42.5	42.6	43.6	42.1	-	5.4	5.7	5.3	5.6	-
2041	Flour and other grain mill products	45.0	44.6	45.1	44.1	-	5.7	5.9	5.1	5.9	-
2048	Prepared feeds, nec	42.7	43.0	43.6	41.8	-	5.7	6.2	5.8	5.8	-
205	Bakery products	38.4	38.1	38.4	36.1	-	3.1	3.0	3.0	2.7	-
2051	Bread, cake, and related products	38.0	37.0	38.2	36.9	-	3.3	2.9	3.3	3.0	-
2052	Cookies and crackers	39.6	41.4	39.1	38.0	-	2.5	3.2	2.2	1.8	-
206	Sugar and confectionery products	40.2	40.3	41.1	39.7	-	3.0	2.9	3.2	3.0	-
2061,3	Cane and beet sugar	43.2	43.7	44.2	43.0	-	4.4	4.3	4.7	4.7	-
2065	Confectionery products	38.6	38.4	39.3	37.7	-	2.4	2.2	2.4	2.2	-
207	Fats and oils	42.9	43.2	44.4	43.0	-	5.3	5.6	6.1	5.7	-
208	Beverages	40.5	39.6	41.4	39.2	-	4.1	3.3	3.9	3.5	-
2082	Malt beverages	42.3	40.9	43.7	42.2	-	6.2	5.0	5.9	6.3	-
2086	Bottled and canned soft drinks	39.7	38.9	39.8	37.3	-	3.5	2.7	3.3	2.3	-
209	Misc. foods and kindred products	38.3	37.8	38.5	36.6	-	3.3	3.4	2.8	2.6	-
21	TOBACCO MANUFACTURES	38.8	38.6	38.1	36.1	38.3	2.0	2.6	1.4	1.0	-
211	Cigarettes	39.3	39.7	37.3	36.2	-	2.3	3.3	1.1	.9	-
22	TEXTILE MILL PRODUCTS	39.7	39.9	38.6	31.1	37.5	3.0	3.2	2.4	1.5	-
221	Weaving mills, cotton	40.1	40.2	39.3	27.8	-	3.2	3.5	2.7	1.0	-
222	Weaving mills, synthetics	41.2	41.5	39.4	31.4	-	3.6	4.0	2.7	1.5	-
223	Weaving and finishing mills, wool	41.1	41.5	40.6	40.5	-	3.7	3.3	3.6	3.6	-
224	Narrow fabric mills	39.9	40.3	39.7	36.4	-	2.4	2.4	2.2	1.8	-
225	Knitting mills	37.8	37.8	36.8	30.5	-	2.1	2.3	1.8	1.3	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Avg. 1981	Jan. 1981	Dec. 1981	Jan. 1982P	Feb. 1982P	Avg. 1981	Jan. 1981	Dec. 1981	Jan. 1982P	Feb. 1982P
	TEXTILE MILL PRODUCTS—Continued										
2251	Women's hosiery, except socks	$181.54	$176.27	$195.07	$151.20	-	$4.88	$4.79	$5.03	$5.20	-
2252	Hosiery, nec	181.98	175.38	171.47	147.46	-	4.84	4.74	4.97	5.12	-
2253	Knit outerwear mills	188.50	184.88	191.44	156.45	-	5.04	4.97	5.15	5.25	-
2254	Knit underwear mills	177.43	175.81	172.37	140.84	-	4.93	4.83	5.04	5.03	-
2257	Circular knit fabric mills	225.01	219.14	228.51	208.29	-	5.74	5.52	5.92	6.02	-
226	Textile finishing, except wool	239.50	231.99	249.27	207.41	-	5.87	5.70	6.17	6.21	-
2261	Finishing plants, cotton	238.98	232.76	245.57	226.07	-	5.93	5.79	6.17	6.16	-
2262	Finishing plants, synthetics	252.32	245.61	264.92	207.37	-	6.08	5.89	6.43	6.46	-
227	Floor covering mills	222.66	220.00	223.06	164.89	-	5.68	5.50	5.87	5.91	-
228	Yarn and thread mills	204.09	199.90	203.52	170.32	-	5.18	5.01	5.37	5.39	-
2281	Yarn mills, except wool	204.49	200.80	202.83	161.16	-	5.19	5.02	5.38	5.39	-
2282	Throwing and winding mills	194.72	190.48	198.28	164.25	-	4.98	4.81	5.15	5.19	-
229	Miscellaneous textile goods	252.34	245.92	255.15	219.47	-	6.11	5.94	6.30	6.38	-
23	APPAREL AND OTHER TEXTILE PRODUCTS	177.79	172.13	179.28	156.74	$179.57	4.98	4.89	5.05	5.19	$5.19
231	Men's and boys' suits and coats	207.27	203.40	212.94	184.53	-	5.71	5.65	5.85	6.07	-
232	Men's and boys' furnishings	165.89	161.53	167.29	134.60	-	4.57	4.55	4.66	4.79	-
2321	Men's and boys' shirts and nightwear	160.92	156.73	166.44	131.88	-	4.47	4.44	4.56	4.71	-
2327	Men's and boys' separate trousers	168.59	164.15	171.23	135.52	-	4.67	4.69	4.73	4.91	-
2328	Men's and boys' work clothing	164.98	160.65	165.60	129.74	-	4.47	4.45	4.60	4.65	-
233	Women's and misses' outerwear	167.15	161.84	167.00	136.06	-	4.96	4.86	5.00	5.10	-
2331	Women's and misses' blouses and waists	158.10	152.21	159.26	144.53	-	4.65	4.53	4.74	4.85	-
2335	Women's and misses' dresses	164.27	156.87	165.38	152.55	-	5.07	4.98	5.12	5.21	-
2337	Women's and misses' suits and coats	184.68	177.02	176.78	153.23	-	5.48	5.30	5.49	5.59	-
2339	Women's and misses' outerwear, nec	166.47	164.50	168.22	152.21	-	4.77	4.70	4.82	4.91	-
234	Women's and children's undergarments	163.62	156.47	164.58	143.05	-	4.52	4.42	4.61	4.69	-
2341	Women's and children's underwear	162.34	154.70	161.62	142.91	-	4.46	4.37	4.54	4.64	-
2342	Brassieres and allied garments	170.77	163.09	176.27	145.24	-	4.77	4.62	4.91	4.94	-
236	Children's outerwear	164.26	162.09	169.26	141.37	-	4.55	4.49	4.65	4.76	-
2361	Children's dresses and blouses	161.35	157.00	164.58	148.94	-	4.52	4.41	4.61	4.64	-
238	Misc. apparel and accessories	180.19	172.79	185.50	157.04	-	4.87	4.76	5.00	5.20	-
239	Misc. fabricated textile products	221.87	212.62	223.87	198.06	-	5.83	5.51	5.83	6.02	-
2391	Curtains and draperies	161.85	151.16	165.07	136.36	-	4.41	4.27	4.51	4.67	-
2392	House furnishing, nec	188.75	179.73	195.67	154.13	-	4.89	4.78	5.03	5.07	-
2396	Automotive and apparel trimmings	390.17	356.17	390.53	372.19	-	9.73	8.86	10.25	10.31	-
26	PAPER AND ALLIED PRODUCTS	365.50	353.13	382.59	373.27	376.26	8.60	8.27	8.96	9.06	8.98
261, 2 6	Paper and pulp mills	450.69	426.76	463.98	460.51	-	10.06	9.59	10.45	10.49	-
262	Paper mills, except building paper	454.00	429.30	471.57	455.62	-	10.00	9.54	10.41	10.44	-
263	Paperboard mills	453.12	436.10	476.50	478.44	-	10.23	9.80	10.66	10.80	-
264	Misc. converted paper products	310.02	300.03	331.52	318.80	-	7.58	7.30	7.95	8.01	-
2641	Paper coating and glazing	363.80	344.80	395.59	384.93	-	8.54	8.19	8.95	9.10	-
2642	Envelopes	281.99	269.47	303.05	293.38	-	6.98	6.67	7.32	7.39	-
2643	Bags, except textile bags	291.72	282.91	311.86	297.65	-	7.15	6.85	7.39	7.46	-
265	Paperboard containers and boxes	312.91	309.33	324.21	308.87	-	7.54	7.33	7.85	7.94	-
2651	Folding paperboard boxes	320.19	314.07	336.35	298.65	-	7.66	7.46	7.98	7.88	-
2653	Corrugated and solid fiber boxes	329.38	328.42	336.20	333.96	-	7.88	7.62	8.22	8.37	-
2654	Sanitary food containers	299.06	291.02	313.96	290.77	-	7.07	6.88	7.37	7.38	-
27	PRINTING AND PUBLISHING	305.86	293.83	322.15	311.82	318.23	8.20	7.92	8.50	8.59	8.63
271	Newspapers	279.89	265.35	295.41	283.27	-	8.38	8.09	8.74	8.77	-
272	Periodicals	290.94	282.33	316.76	312.85	-	7.80	7.61	8.38	8.41	-
273	Books	285.37	273.51	303.80	287.86	-	7.49	7.16	7.83	7.93	-
2731	Book publishing	274.10	262.71	292.61	278.38	-	7.29	6.95	7.64	7.69	-
2732	Book printing	298.38	286.38	316.37	298.02	-	7.71	7.40	8.05	8.21	-
274	Miscellaneous publishing	258.84	232.90	306.14	280.60	-	7.21	6.81	7.77	7.73	-
275	Commercial printing	328.43	317.68	339.99	335.66	-	8.51	8.23	8.74	8.88	-
2751	Commercial printing, letterpress	306.36	294.89	316.52	316.88	-	8.02	7.74	8.20	8.45	-
2752	Commercial printing, lithographic	339.89	330.33	352.29	348.46	-	8.76	8.47	9.01	9.17	-
276	Manifold business forms	330.08	315.52	362.06	337.45	-	8.15	7.81	8.60	8.50	-
278	Blankbooks and bookbinding	243.57	245.96	257.94	244.94	-	6.31	6.18	6.53	6.62	-
279	Printing trade services	385.56	373.98	404.91	392.54	-	10.20	9.92	10.49	10.44	-
28	CHEMICALS AND ALLIED PRODUCTS	373.39	363.58	397.94	394.54	397.99	9.12	8.74	9.52	9.67	9.66
281	Industrial inorganic chemicals	422.06	402.66	447.20	443.47	-	10.17	9.61	10.75	10.79	-
2819	Industrial inorganic chemicals, nec	420.65	399.92	448.28	445.63	-	10.21	9.66	10.75	10.79	-
282	Plastics materials and synthetics	379.26	360.64	391.46	386.65	-	9.03	8.69	9.41	9.50	-
2821	Plastics materials and resins	419.99	409.40	425.48	427.23	-	9.79	9.39	10.08	10.22	-
2824	Organic fibers, noncellulosic	354.00	328.42	370.87	357.80	-	8.53	8.19	8.98	8.99	-
283	Drugs	341.95	330.37	367.53	361.97	-	8.32	7.98	8.73	8.85	-
2834	Pharmaceutical preparations	323.20	311.48	345.33	342.86	-	8.00	7.71	8.38	8.55	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Avg. 1981	Jan. 1981	Dec. 1981	Jan. 1982P	Feb. 1982P	Avg. 1981	Jan. 1981	Dec. 1981	Jan. 1982P	Feb. 1982P
	TEXTILE MILL PRODUCTS—Continued	37.2	36.8	38.4	31.0	-	2.1	1.8	2.8	1.9	-
2251	Women's hosiery, except socks	37.6	37.0	38.5	28.8	-	2.0	1.8	1.0	.7	-
2252	Hosiery, nec	37.4	37.2	37.1	29.8	-	2.1	2.3	1.8	.9	-
2253	Knit outerwear mills	36.0	36.4	34.2	28.0	-	1.1	1.4	.8	.7	-
2254	Knit underwear mills	39.2	39.7	38.6	34.6	-	2.5	3.0	2.1	2.0	-
2257	Circular knit fabric mills	40.8	40.7	40.4	33.4	-	3.6	3.7	3.4	2.0	-
226	Textile finishing, except wool	40.3	40.2	39.8	36.7	-	3.3	3.5	3.3	1.8	-
2261	Finishing plants, cotton	41.5	41.7	41.2	32.1	-	4.0	4.2	3.6	2.1	-
2262	Finishing plants, synthetics	39.2	40.0	38.0	27.9	-	3.1	3.5	1.9	1.0	-
227	Floor covering mills	39.4	39.9	37.9	31.6	-	2.9	3.2	2.1	1.6	-
228	Yarn and thread mills	39.4	40.0	37.7	29.9	-	3.0	3.5	2.0	1.3	-
2281	Yarn mills, except wool	39.1	39.6	38.5	35.5	-	3.0	3.1	2.5	2.2	-
2282	Throwing and winding mills	41.3	41.4	40.5	30.3	-	3.5	3.6	2.9	2.1	-
229	Miscellaneous textile goods	35.7	35.2	35.5	30.2	30.5	1.1	.9	1.0	.7	-
23	APPAREL AND OTHER TEXTILE PRODUCTS	36.3	36.0	36.4	30.4	-	.7	.7	.9	.5	-
231	Men's and boys' suits and coats	36.3	35.5	35.9	28.1	-	.9	.9	.9	.5	-
232	Men's and boys' furnishings	36.0	35.3	36.5	28.0	-	.9	.9	1.0	.6	-
2321	Men's and boys' shirts and nightwear	36.1	35.0	36.2	27.6	-	.9	.8	1.0	.7	-
2327	Men's and boys' separate trousers	36.9	36.1	36.0	27.9	-	.9	.9	.9	.4	-
2328	Men's and boys' work clothing	33.7	33.3	33.4	30.6	-	.9	.9	.9	.7	-
233	Women's and misses' outerwear	34.0	33.6	33.6	29.8	-	.9	.8	.7	.5	-
2331	Women's and misses' blouses and waists	32.4	31.5	32.3	31.2	-	.9	.8	.8	.8	-
2335	Women's and misses' dresses	33.7	33.4	32.2	29.2	-	.8	.8	.9	.5	-
2337	Women's and misses' suits and coats	34.9	35.0	34.9	31.0	-	1.1	1.1	1.0	.8	-
2339	Women's and misses' outerwear, nec	36.2	35.4	35.7	30.5	-	1.3	.9	1.1	.7	-
234	Women's and children's undergarments	36.4	35.4	35.6	30.8	-	1.3	.9	1.1	.7	-
2341	Women's and children's underwear	35.8	35.3	35.9	29.4	-	1.2	.9	1.0	.5	-
2342	Brassieres and allied garments	36.1	36.1	36.4	29.7	-	1.2	1.0	1.0	.8	-
236	Children's outerwear	35.7	35.6	35.7	32.1	-	1.0	.8	.8	.5	-
2361	Children's dresses and blouses	37.0	36.3	37.1	30.2	-	1.3	.7	1.2	.7	-
238	Misc. apparel and accessories	38.4	37.9	38.4	32.9	-	1.8	1.4	1.5	.9	-
239	Misc. fabricated textile products	36.7	35.4	36.6	29.2	-	.9	.8	1.1	.6	-
2391	Curtains and draperies	38.6	37.6	38.9	30.4	-	2.0	1.6	2.2	.7	-
2392	House furnishings, nec	40.1	40.2	38.1	36.1	-	2.0	1.0	.7	.5	-
2396	Automotive and apparel trimmings	42.5	42.7	42.7	41.2	41.9	4.5	4.7	4.2	4.3	-
26	PAPER AND ALLIED PRODUCTS	44.9	44.5	44.4	43.9	-	6.5	6.5	5.7	6.2	-
261, 2, 6	Paper and pulp mills	45.4	45.0	45.3	44.6	-	6.8	6.7	6.0	6.4	-
262	Paper mills, except building paper	44.0	44.5	44.7	44.3	-	7.3	7.3	7.5	8.0	-
263	Paperboard mills	40.9	41.1	41.7	39.8	-	2.8	3.0	2.9	2.6	-
264	Misc. converted paper products	42.6	42.1	44.2	42.3	-	3.1	3.2	3.0	2.7	-
2641	Paper coating and glazing	40.4	40.4	41.4	39.7	-	2.3	2.6	2.9	2.5	-
2642	Envelopes	40.8	41.3	42.2	39.9	-	3.0	3.2	3.3	2.9	-
2643	Bags, except textile bags	41.5	42.2	41.3	38.9	-	3.4	3.7	3.0	2.9	-
265	Paperboard containers and boxes	41.9	42.1	42.4	37.9	-	3.8	4.0	3.9	3.1	-
2651	Folding paperboard boxes	41.8	43.1	40.9	39.9	-	3.6	4.0	3.0	3.3	-
2653	Corrugated and solid fiber boxes	42.3	42.3	42.6	39.4	-	3.2	3.5	2.6	2.4	-
2654	Sanitary food containers	37.3	37.1	37.9	36.3	37.3	2.4	2.3	2.7	2.2	-
27	PRINTING AND PUBLISHING	33.4	32.8	33.8	32.3	-	1.5	1.1	1.9	1.2	-
271	Newspapers	37.3	37.1	37.8	37.2	-	2.3	1.7	2.8	2.2	-
272	Periodicals	38.1	38.2	38.8	36.3	-	2.3	2.2	2.8	2.1	-
273	Books	37.6	37.8	38.3	36.2	-	1.5	1.3	1.8	1.0	-
2731	Book publishing	38.7	38.7	39.3	36.3	-	3.2	3.2	3.6	3.4	-
2732	Book printing	35.9	34.2	39.4	36.3	-	1.6	1.6	3.1	.9	-
274	Miscellaneous publishing	38.6	38.6	38.9	37.8	-	3.0	2.8	2.9	2.6	-
275	Commercial printing	38.2	38.1	38.6	37.5	-	2.4	2.3	2.3	1.9	-
2751	Commercial printing, letterpress	38.8	39.0	39.1	38.3	-	3.2	3.1	3.2	3.0	-
2752	Commercial printing, lithographic	40.5	40.4	42.1	39.7	-	3.1	3.3	4.7	3.1	-
276	Manifold business forms	38.6	39.8	39.5	37.0	-	1.7	2.8	1.8	1.6	-
278	Blankbooks and bookbinding	37.8	37.7	38.6	37.6	-	3.5	3.3	3.5	2.9	-
279	Printing trade service	41.6	41.6	41.8	40.8	41.2	3.3	3.4	2.9	3.1	-
28	CHEMICALS AND ALLIED PRODUCTS	41.5	41.9	41.6	41.1	-	3.3	3.2	3.3	3.5	-
281	Industrial inorganic chemicals	41.2	41.4	41.7	41.3	-	3.2	3.1	3.4	3.6	-
2819	Industrial inorganic chemicals, nec	42.0	41.5	41.6	40.7	-	3.3	3.2	2.5	2.9	-
282	Plastics materials and synthetics	42.9	43.6	42.3	41.8	-	4.4	4.7	3.2	3.7	-
2821	Plastics materials and resins	41.5	40.1	41.3	39.8	-	2.5	2.0	2.0	2.1	-
2824	Organic fibers, noncellulosic	41.1	41.4	42.1	40.9	-	2.9	3.1	3.1	2.8	-
283	Drugs	40.4	40.4	41.3	40.1	-	2.8	3.0	3.3	2.7	-
2834	Pharmaceutical preparations										

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Avg. 1981	Jan. 1981	Dec. 1981	Jan. 1982P	Feb. 1982P	Avg. 1981	Jan. 1981	Dec. 1981	Jan. 1982P	Feb. 1982P
	CHEMICALS AND ALLIED PRODUCTS—Cont'd										
284	Soap, cleaners, and toilet goods	$336.53	$322.78	$360.14	$357.01	-	$8.33	$8.11	$8.72	$8.97	-
2841	Soap and other detergents	452.38	432.43	484.61	496.06	-	10.72	10.37	11.27	11.43	-
2844	Toilet preparations	259.11	249.60	278.33	266.92	-	6.61	6.50	6.91	7.08	-
2842, 3	Polishing, sanitation, and finishing preparations	330.89	306.43	359.53	339.60	-	8.17	7.68	8.58	8.73	-
285	Paints and allied products	325.62	316.71	327.13	323.17	-	8.06	7.82	8.24	8.46	-
286	Industrial organic chemicals	458.82	432.23	472.34	474.83	-	10.72	10.17	11.14	11.20	-
2865	Cyclic crudes and intermediates	423.61	390.82	447.07	447.32	-	10.11	9.44	10.67	10.60	-
2861, 9	Gum, wood, and industrial organic chemicals, nec	470.65	445.73	481.38	484.50	-	10.92	10.39	11.30	11.40	-
287	Agricultural chemicals	382.27	377.14	398.39	391.94	-	8.89	8.65	9.33	9.49	-
289	Miscellaneous chemical products	349.81	336.96	367.88	355.62	-	8.47	8.10	8.78	9.05	-
29	PETROLEUM AND COAL PRODUCTS	491.18	471.16	493.31	513.49	$514.74	11.37	11.06	11.58	12.03	$12.14
291	Petroleum refining	529.40	507.70	528.34	560.40	-	12.17	11.89	12.23	12.65	-
295	Paving and roofing materials	371.09	345.23	363.41	338.68	-	8.63	8.01	9.04	9.08	-
30	RUBBER AND MISC. PLASTICS PRODUCTS	292.90	289.46	299.95	288.04	299.37	7.25	7.06	7.43	7.62	7.51
301	Tires and inner tubes	459.68	461.34	463.08	451.62	-	11.05	10.63	11.36	11.58	-
302	Rubber and plastics footwear	180.78	189.70	192.27	177.00	-	4.77	4.56	4.93	5.00	-
303, 4	Reclaimed rubber, and rubber and plastics hose and belting	320.90	301.80	328.05	318.67	-	7.77	7.22	8.12	8.15	-
306	Fabricated rubber products, nec	270.27	262.66	278.50	256.21	-	6.74	6.55	6.93	7.08	-
307	Miscellaneous plastics products	263.71	257.99	271.08	256.43	-	6.56	6.37	6.76	6.82	-
31	LEATHER AND LEATHER PRODUCTS	183.63	177.39	187.10	174.54	181.65	4.99	4.86	5.14	5.21	5.25
311	Leather tanning and finishing	260.43	255.76	264.32	258.29	-	6.56	6.41	6.83	6.91	-
314	Footwear, except rubber	175.45	170.97	178.70	163.50	-	4.82	4.71	4.95	5.00	-
3143	Men's footwear, except athletic	188.87	188.12	189.01	170.63	-	5.05	4.99	5.15	5.25	-
3144	Women's footwear, except athletic	165.20	156.80	172.53	156.49	-	4.68	4.48	4.85	4.86	-
316	Luggage	198.48	182.59	192.89	185.47	-	5.20	5.03	5.69	5.76	-
317	Handbags and personal leather goods	170.72	161.98	176.33	157.60	-	4.69	4.55	4.74	4.83	-
-	TRANSPORTATION AND PUBLIC UTILITIES	382.97	367.60	396.14	391.02	400.73	9.72	9.33	10.08	10.13	10.17
	RAILROAD TRANSPORTATION										
4011	Class I railroads[4]	457.95	446.68	466.40	-	-	10.65	10.51	11.00	-	-
41	LOCAL AND INTERURBAN PASSENGER TRANSIT	231.16	218.74	230.44	235.83	-	6.74	6.51	6.92	7.17	-
411	Local and suburban transportation	288.41	278.46	293.57	299.83	-	7.32	7.14	7.47	7.61	-
413	Intercity highway transportation	386.64	383.77	383.71	422.10	-	10.77	10.69	10.87	12.06	-
42	TRUCKING AND WAREHOUSING	389.83	372.27	402.83	374.44	-	9.97	9.57	10.25	10.12	-
421, 3	Trucking and trucking terminals	398.04	380.44	411.47	382.58	-	10.18	9.78	10.47	10.34	-
422	Public warehousing	267.96	263.64	277.68	261.65	-	6.96	6.76	7.12	7.11	-
46	PIPE LINES, EXCEPT NATURAL GAS	491.05	492.05	510.84	515.70	-	11.50	11.39	11.88	11.91	-
48	COMMUNICATION	377.70	358.38	396.98	392.17	-	9.49	9.05	10.05	10.03	-
481	Telephone communication	392.98	371.87	413.67	408.46	-	9.80	9.32	10.42	10.42	-
4817	Switchboard operating employees[5]	272.46	247.54	283.53	291.51	-	7.99	7.57	8.58	8.65	-
4818	Line construction employees[6]	496.17	476.10	518.30	503.02	-	11.38	10.97	11.97	11.92	-
483	Radio and television broadcasting	312.30	298.21	331.85	327.56	-	8.24	7.91	8.71	8.62	-
49	ELECTRIC, GAS, AND SANITARY SERVICES	411.10	393.54	426.63	441.42	-	9.93	9.46	10.33	10.51	-
491	Electric services	419.67	402.53	433.68	444.78	-	10.04	9.63	10.45	10.59	-
492	Gas production and distribution	374.64	368.68	392.76	410.86	-	9.16	8.82	9.51	9.69	-
493	Combination utility services	457.60	424.97	477.76	490.65	-	11.08	10.34	11.54	11.71	-
496	Sanitary services	320.62	309.20	326.00	347.32	-	7.84	7.56	8.15	8.43	-
-	WHOLESALE AND RETAIL TRADE	190.35	183.86	193.52	191.89	193.73	5.93	5.80	6.01	5.17	6.15
50, 51	WHOLESALE TRADE	292.59	281.82	303.02	300.93	302.90	7.58	7.32	7.83	7.94	7.95
50	WHOLESALE TRADE DURABLE GOODS	294.47	284.70	305.37	302.93	-	7.57	7.30	7.81	7.93	-
501	Motor vehicles and automotive equipment	268.73	260.84	274.28	266.32	-	6.98	6.74	7.18	7.14	-
502	Furniture and home furnishings	260.68	251.92	272.46	259.55	-	6.97	6.70	7.17	7.15	-
503	Lumber and construction materials	301.86	289.84	308.51	296.63	-	7.74	7.47	7.85	7.91	-
504	Sporting goods, toys, and hobby goods	303.05	296.40	315.13	321.27	-	7.98	7.80	8.43	8.59	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Avg. 1981	Jan. 1981	Dec. 1981	Jan. 1982P	Feb. 1982P	Avg. 1981	Jan. 1981	Dec. 1981	Jan. 1982P	Feb. 1982P
	CHEMICALS AND ALLIED PRODUCTS—Cont'd										
284	Soap, cleaners, and toilet goods	40.4	39.8	41.3	39.8	-	2.7	2.8	2.8	2.8	-
2841	Soap and other detergents	42.2	41.7	43.0	43.4	-	3.8	3.9	3.8	4.3	-
2844	Toilet preparations	39.2	38.4	39.7	37.7	-	2.2	2.3	2.4	2.0	-
2842, 3	Polishing, sanitation, and finishing preparations	40.5	39.9	42.1	38.9	-	2.4	2.3	2.4	2.5	-
285	Paints and allied products	40.4	40.5	39.7	38.2	-	2.6	2.6	1.3	1.6	-
286	Industrial organic chemicals	42.8	42.5	42.4	42.4	-	3.8	4.0	3.3	3.7	-
2865	Cyclic crudes and intermediates	41.9	41.4	41.9	42.2	-	3.6	3.9	2.6	3.1	-
2861, 9	Gum, wood, and industrial organic chemicals, nec	43.1	42.9	42.6	42.5	-	3.9	4.0	3.5	3.9	-
287	Agricultural chemicals	43.3	43.6	42.7	41.3	-	4.6	5.1	3.8	4.1	-
289	Miscellaneous chemical products	41.3	41.6	41.9	40.4	-	3.1	3.7	3.0	3.4	-
29	PETROLEUM AND COAL PRODUCTS	43.2	42.6	42.6	43.1	42.4	3.8	3.4	3.0	3.9	-
291	Petroleum refining	43.5	42.7	43.2	44.3	-	3.6	3.2	3.0	4.2	-
295	Paving and roofing materials	43.0	43.1	40.2	37.3	-	5.5	5.5	3.6	2.9	-
30	RUBBER AND MISC. PLASTICS PRODUCTS	40.4	41.0	40.1	37.8	39.3	3.0	3.4	2.6	2.4	-
301	Tires and inner tubes	41.6	43.4	40.5	39.3	-	3.2	4.8	2.2	2.6	-
302	Rubber and plastics footwear	37.9	41.6	39.0	35.4	-	2.0	2.5	1.5	1.3	-
303, 4	Reclaimed rubber, and rubber and plastics hose and belting	41.3	41.8	40.4	39.1	-	2.8	2.5	1.8	1.8	-
306	Fabricated rubber products, nec	40.1	40.1	39.9	37.6	-	2.6	2.8	2.2	1.9	-
307	Miscellaneous plastics products	40.2	40.5	40.1	37.6	-	3.1	3.2	2.8	2.5	-
31	LEATHER AND LEATHER PRODUCTS	36.8	36.5	36.4	33.5	34.5	1.9	1.6	1.3	1.1	-
311	Leather tanning and finishing	39.7	39.9	38.7	36.8	-	2.9	3.1	2.5	2.4	-
314	Footwear, except rubber	36.4	36.3	36.1	32.7	-	1.1	1.3	1.1	.9	-
3143	Men's footwear, except athletic	37.4	37.7	36.7	32.5	-	1.2	1.6	1.1	1.0	-
3144	Women's footwear, except athletic	35.3	35.0	35.5	32.2	-	1.1	1.2	1.2	.8	-
316	Luggage	37.4	36.3	33.9	32.2	-	1.4	1.7	1.2	1.6	-
317	Handbags and personal leather goods	36.4	35.6	37.2	34.7	-	1.7	1.9	1.2	1.0	-
	TRANSPORTATION AND PUBLIC UTILITIES	39.4	39.4	39.3	39.3	39.4	-	-	-	-	-
	RAILROAD TRANSPORTATION										
4011	Class I railroads[3]	43.0	42.5	42.4	-	-	-	-	-	-	-
41	LOCAL AND INTERURBAN PASSENGER TRANSIT	34.3	33.6	33.3	32.9	-	-	-	-	-	-
411	Local and suburban transportation	39.4	39.0	39.3	39.4	-	-	-	-	-	-
413	Intercity highway transportation	35.9	35.9	35.3	35.0	-	-	-	-	-	-
42	TRUCKING AND WAREHOUSING	39.0	38.9	39.3	37.0	-	-	-	-	-	-
421, 3	Trucking and trucking terminals	39.1	38.9	39.3	37.0	-	-	-	-	-	-
422	Public warehousing	38.5	39.0	39.0	36.9	-	-	-	-	-	-
46	PIPE LINES, EXCEPT NATURAL GAS	43.7	43.2	43.0	43.3	-	-	-	-	-	-
48	COMMUNICATION	39.8	39.6	39.5	39.1	-	-	-	-	-	-
481	Telephone communication	40.1	39.9	39.7	39.2	-	-	-	-	-	-
4817	Switchboard operating employees	34.1	34.7	33.2	33.7	-	-	-	-	-	-
4818	Line construction employees[3]	43.6	43.4	43.3	42.2	-	-	-	-	-	-
483	Radio and television broadcasting	37.9	37.7	38.1	38.0	-	-	-	-	-	-
49	ELECTRIC, GAS, AND SANITARY SERVICES	41.6	41.6	41.3	42.0	-	-	-	-	-	-
491	Electric services	41.8	41.8	41.5	42.0	-	-	-	-	-	-
492	Gas production and distribution	40.9	41.8	41.3	42.4	-	-	-	-	-	-
493	Combination utility services	41.3	41.1	41.4	41.9	-	-	-	-	-	-
495	Sanitary services	41.0	40.9	40.3	41.2	-	-	-	-	-	-
	WHOLESALE AND RETAIL TRADE	32.1	31.7	32.2	31.1	31.5	-	-	-	-	-
50, 51	WHOLESALE TRADE	38.6	38.5	38.7	37.9	38.1	-	-	-	-	-
50	WHOLESALE TRADE DURABLE GOODS	39.9	39.0	39.1	38.2	-	-	-	-	-	-
501	Motor vehicles and automotive equipment	38.5	38.7	38.2	37.3	-	-	-	-	-	-
502	Furniture and home furnishings	37.4	37.6	38.0	36.3	-	-	-	-	-	-
503	Lumber and construction materials	39.3	38.8	39.3	37.5	-	-	-	-	-	-
504	Sporting goods, toys, and hobby goods	37.6	38.0	37.5	37.4	-	-	-	-	-	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Avg. 1981	Jan. 1981	Dec. 1981	Jan. 1982P	Feb. 1982P	Avg. 1981	Jan. 1981	Dec. 1981	Jan. 1982P	Feb. 1982P
	WHOLESALE TRADE DURABLE GOODS—Continued										
505	Metals and minerals, except petroleum	$348.17	$341.70	$353.33	$344.28	-	$8.77	$8.50	$8.90	$9.05	-
506	Electrical goods	312.78	296.77	332.29	339.00	-	8.02	7.59	8.37	8.67	-
507	Hardware, plumbing, and heating equipment	271.74	264.32	280.52	280.77	-	7.04	6.83	7.23	7.35	-
508	Machinery, equipment, and supplies	305.75	294.39	316.79	315.44	-	7.78	7.51	8.02	8.13	-
509	Miscellaneous durable goods	241.15	236.78	249.98	236.16	-	5.28	6.15	6.51	6.56	-
51	WHOLESALE TRADE NONDURABLE GOODS	288.42	277.45	299.87	298.38	-	7.59	7.30	7.85	7.97	-
511	Paper and paper products	312.65	303.60	316.68	315.24	-	8.45	8.25	8.49	8.52	-
512	Drugs, proprietaries, and sundries	299.03	284.58	310.05	309.02	-	8.06	7.65	8.29	8.56	-
513	Apparel, piece goods, and notions	249.75	241.85	257.89	252.03	-	6.75	6.59	6.97	7.04	-
514	Groceries and related products	293.31	277.43	301.85	302.78	-	7.58	7.32	7.82	8.01	-
516	Chemicals and allied products	350.88	347.70	364.88	349.33	-	9.02	8.87	9.38	9.12	-
517	Petroleum and petroleum products	360.19	357.75	374.80	382.30	-	9.05	8.79	9.37	9.51	-
518	Beer, wine, and distilled beverages	328.56	309.52	352.66	336.50	-	8.88	8.48	9.48	9.27	-
519	Miscellaneous nondurable goods	237.84	228.98	245.63	244.32	-	6.21	6.01	6.43	6.55	-
52-59	RETAIL TRADE	159.33	152.81	161.20	157.22	$159.05	5.26	5.18	5.32	5.44	$5.41
52	BUILDING MATERIALS AND GARDEN SUPPLIES	209.76	202.02	215.28	207.09	-	5.70	5.55	5.85	5.90	-
521	Lumber and other building materials	230.06	221.37	231.57	221.43	-	5.96	5.78	6.11	6.10	-
525	Hardware stores	171.20	162.85	178.71	174.77	-	5.05	4.92	5.18	5.28	-
53	GENERAL MERCHANDISE STORES	150.38	142.13	157.12	149.03	-	5.15	5.04	5.22	5.38	-
531	Department stores	155.64	146.92	162.30	155.68	-	5.33	5.21	5.41	5.58	-
533	Variety stores	123.35	117.29	131.27	113.21	-	4.21	4.13	4.29	4.24	-
539	Misc. general merchandise stores	127.20	120.60	132.68	122.64	-	4.24	4.13	4.28	4.38	-
54	FOOD STORES	213.23	205.57	209.92	213.31	-	6.88	6.74	6.86	7.04	-
541	Grocery stores	223.17	213.98	218.28	221.74	-	7.13	6.97	7.11	7.27	-
546	Retail bakeries	139.48	133.00	141.20	138.04	-	4.86	4.75	4.92	4.91	-
55	AUTOMOTIVE DEALERS AND SERVICE STATIONS	228.61	219.91	229.50	229.52	-	6.08	5.88	6.12	6.17	-
551, 2	New and used car dealers	269.63	259.29	269.31	265.79	-	7.04	6.77	7.05	7.05	-
553	Auto and home supply stores	227.70	220.40	229.64	231.85	-	5.65	5.51	5.67	5.84	-
554	Gasoline service stations	171.47	167.32	173.04	176.65	-	4.83	4.74	4.93	4.99	-
56	APPAREL AND ACCESSORY STORES	133.28	127.32	141.19	131.65	-	4.66	4.58	4.77	4.80	-
561	Men's and boys' clothing and furnishings	168.01	165.38	174.10	170.29	-	5.30	5.25	5.39	5.62	-
562	Women's ready-to-wear stores	118.76	113.26	124.60	117.19	-	4.35	4.29	4.41	4.56	-
565	Family clothing stores	129.33	121.59	136.83	126.19	-	4.57	4.47	4.67	4.78	-
566	Shoe stores	139.97	129.72	152.28	133.24	-	4.86	4.60	5.11	4.81	-
57	FURNITURE AND HOME FURNISHINGS STORES	205.12	232.12	214.53	239.53	-	5.98	5.91	6.13	6.18	-
571	Furniture and home furnishings stores	209.12	201.14	219.51	238.49	-	5.94	5.83	6.14	6.15	-
572	Household appliance stores	219.13	212.63	222.41	216.41	-	6.19	6.11	6.23	6.46	-
573	Radio, television, and music stores	197.44	197.98	208.04	239.54	-	5.79	5.98	6.03	6.08	-
58	EATING AND DRINKING PLACES	103.10	98.67	104.75	100.37	-	3.95	3.90	4.06	4.08	-
59	MISCELLANEOUS RETAIL	161.28	157.99	167.89	162.87	-	5.12	5.08	5.15	5.34	-
591	Drug stores and proprietary stores	139.87	133.74	145.63	141.93	-	4.79	4.66	4.92	4.98	-
594	Miscellaneous shopping goods stores	146.49	141.30	154.55	145.82	-	4.77	4.71	4.77	4.96	-
596	Nonstore retailers	195.89	192.47	198.95	191.75	-	5.83	5.85	5.62	6.03	-
598	Fuel and ice dealers	267.63	295.68	283.29	305.79	-	6.88	7.04	7.19	7.44	-
599	Retail stores, nec	170.47	164.96	177.98	171.74	-	5.15	5.06	5.25	5.35	-
	FINANCE, INSURANCE, AND REAL ESTATE	228.53	222.34	238.85	238.92	240.31	6.30	6.10	6.46	6.60	6.52
60	BANKING	195.78	190.84	200.56	206.59	-	5.39	5.20	5.51	5.66	-
602	Commercial and stock savings banks	193.98	188.35	197.83	203.31	-	5.30	5.11	5.42	5.57	-
61	CREDIT AGENCIES OTHER THAN BANKS	205.71	199.46	209.35	212.65	-	5.59	5.42	5.72	5.81	-
612	Savings and loan associations	191.30	187.46	192.07	196.23	-	5.27	5.15	5.35	5.45	-
614	Personal credit institutions	206.65	200.88	214.27	215.92	-	5.57	5.40	5.76	5.82	-
63	INSURANCE CARRIERS	261.10	248.34	273.08	277.14	-	7.00	6.64	7.32	7.45	-
631	Life insurance	273.77	259.13	286.09	290.93	-	7.32	6.91	7.67	7.82	-
632	Medical service and health insurance	247.49	236.36	261.59	266.95	-	6.53	6.22	6.83	6.97	-
633	Fire, marine, and casualty insurance	253.13	242.43	263.47	267.16	-	6.86	6.57	7.14	7.28	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Avg. 1981	Jan. 1981	Dec. 1981	Jan. 1982P	Feb. 1982P	Avg. 1981	Jan. 1981	Dec. 1981	Jan. 1982P	Feb. 1982P
	WHOLESALE TRADE DURABLE GOODS—Continued										
505	Metals and minerals, except petroleum	39.7	40.2	39.7	38.3	-	-	-	-	-	-
506	Electrical goods	39.0	39.1	39.7	39.1	-	-	-	-	-	-
507	Hardware, plumbing, and heating equipment	38.6	38.7	38.8	38.2	-	-	-	-	-	-
508	Machinery, equipment, and supplies	39.3	39.2	39.5	38.3	-	-	-	-	-	-
509	Miscellaneous durable goods	38.4	38.5	38.4	36.0	-	-	-	-	-	-
51	WHOLESALE TRADE NONDURABLE GOODS	38.0	37.8	38.2	37.4	-	-	-	-	-	-
511	Paper and paper products	37.0	36.8	37.3	37.0	-	-	-	-	-	-
512	Drugs, proprietaries, and sundries	37.1	37.2	37.4	36.1	-	-	-	-	-	-
513	Apparel, piece goods, and notions	37.3	36.7	37.0	35.8	-	-	-	-	-	-
514	Groceries and related products	38.3	37.9	38.6	37.8	-	-	-	-	-	-
516	Chemicals and allied products	38.9	39.2	38.9	38.3	-	-	-	-	-	-
517	Petroleum and petroleum products	39.8	40.7	40.0	40.2	-	-	-	-	-	-
518	Beer, wine, and distilled beverages	37.0	36.5	37.2	36.3	-	-	-	-	-	-
519	Miscellaneous nondurable goods	38.3	38.1	38.2	37.3	-	-	-	-	-	-
52-59	RETAIL TRADE	30.1	29.5	30.3	28.9	29.4	-	-	-	-	-
52	BUILDING MATERIALS AND GARDEN SUPPLIES	36.8	36.4	36.8	35.1	-	-	-	-	-	-
521	Lumber and other building materials	38.6	38.3	37.9	36.3	-	-	-	-	-	-
525	Hardware stores	33.9	33.1	34.5	33.1	-	-	-	-	-	-
53	GENERAL MERCHANDISE STORES	29.2	28.2	30.1	27.7	-	-	-	-	-	-
531	Department stores	29.2	28.2	30.0	27.9	-	-	-	-	-	-
533	Variety stores	29.3	28.4	30.6	26.7	-	-	-	-	-	-
539	Miscellaneous general merchandise stores	30.3	29.2	31.0	28.0	-	-	-	-	-	-
54	FOOD STORES	31.0	30.5	30.6	30.3	-	-	-	-	-	-
541	Grocery stores	31.3	30.7	30.7	30.5	-	-	-	-	-	-
546	Retail bakeries	26.7	26.0	26.7	27.3	-	-	-	-	-	-
55	AUTOMOTIVE DEALERS AND SERVICE STATIONS	37.6	37.4	37.5	37.2	-	-	-	-	-	-
551,2	New and used car dealers	38.3	38.3	38.2	37.7	-	-	-	-	-	-
553	Auto and home supply stores	40.3	40.0	40.5	39.7	-	-	-	-	-	-
554	Gasoline service stations	35.5	35.3	35.1	35.4	-	-	-	-	-	-
56	APPAREL AND ACCESSORY STORES	28.6	27.8	28.6	27.2	-	-	-	-	-	-
561	Men's and boys' clothing and furnishings	31.7	31.5	32.3	30.3	-	-	-	-	-	-
562	Women's ready-to-wear stores	27.3	26.4	28.3	25.7	-	-	-	-	-	-
565	Family clothing stores	28.3	27.2	29.3	26.4	-	-	-	-	-	-
566	Shoe stores	28.5	28.2	29.8	27.7	-	-	-	-	-	-
57	FURNITURE AND HOME FURNISHINGS STORES	34.7	34.2	35.9	33.9	-	-	-	-	-	-
571	Furniture and home furnishings stores	34.7	34.5	35.1	33.9	-	-	-	-	-	-
572	Household appliance stores	35.4	34.8	35.7	33.5	-	-	-	-	-	-
573	Radio, television, and music stores	34.1	33.1	34.5	34.3	-	-	-	-	-	-
58	EATING AND DRINKING PLACES	26.1	25.3	25.8	24.5	-	-	-	-	-	-
59	MISCELLANEOUS RETAIL	31.5	31.1	32.0	30.5	-	-	-	-	-	-
591	Drug stores and proprietary stores	29.2	28.7	29.6	28.5	-	-	-	-	-	-
594	Miscellaneous shopping goods stores	30.7	30.0	32.4	29.4	-	-	-	-	-	-
596	Nonstore retailers	33.6	32.9	35.4	31.8	-	-	-	-	-	-
598	Fuel and ice dealers	38.9	42.0	39.4	41.1	-	-	-	-	-	-
599	Retail stores, nec	33.1	32.6	33.9	32.1	-	-	-	-	-	-
	FINANCE, INSURANCE, AND REAL ESTATE	36.3	36.4	35.2	36.2	36.3	-	-	-	-	-
60	BANKING	36.5	36.7	36.4	36.5	-	-	-	-	-	-
602	Commercial and stock saving banks	36.6	36.8	36.5	36.5	-	-	-	-	-	-
61	CREDIT AGENCIES OTHER THAN BANKS	36.8	36.8	36.6	36.6	-	-	-	-	-	-
612	Savings and loan associations	36.3	36.4	35.9	36.2	-	-	-	-	-	-
614	Personal credit institutions	37.1	37.2	37.2	37.1	-	-	-	-	-	-
63	INSURANCE CARRIERS	37.3	37.4	37.3	37.4	-	-	-	-	-	-
631	Life insurance	37.4	37.5	37.3	37.2	-	-	-	-	-	-
632	Medical service and health insurance	37.9	38.0	38.3	38.3	-	-	-	-	-	-
633	Fire, marine, and casualty insurance	36.9	36.9	36.9	36.7	-	-	-	-	-	-

See footnotes at end of table.

ESTABLISHMENT DATA
HOURS AND EARNINGS

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Avg. 1981	Jan. 1981	Dec. 1981	Jan. 1982P	Feb. 1982P	Avg. 1981	Jan. 1981	Dec. 1981	Jan. 1982P	Feb. 1982P
	SERVICES	$208.97	$201.83	$217.12	$217.32	$219.67	$5.41	$6.21	$6.65	$6.77	$6.78
	HOTELS AND OTHER LODGING PLACES:										
701	Hotels, motels, and tourist courts	147.83	142.38	152.28	150.02	-	4.83	4.81	5.11	5.12	-
	PERSONAL SERVICES:										
721	Laundry, cleaning, and garment services	162.62	157.51	168.66	162.83	-	4.84	4.73	4.99	5.01	-
723	Beauty shops	140.10	132.16	144.05	130.18	-	4.67	4.48	4.77	4.60	-
73	BUSINESS SERVICES:	214.18	205.71	221.43	220.93	-	6.53	6.31	6.71	6.84	-
731	Advertising	314.53	301.11	323.99	321.63	-	8.86	8.53	8.95	9.06	-
734	Services to buildings	147.97	145.24	149.88	145.99	-	5.46	5.32	5.49	5.53	-
737	Computer and data processing services	294.62	275.26	307.80	314.02	-	7.92	7.48	8.23	8.51	-
75	AUTO REPAIR, SERVICES, AND GARAGES:	244.08	237.25	250.61	247.66	-	5.91	6.26	6.63	5.73	-
753	Automotive repair shops	270.57	262.68	279.82	275.38	-	6.92	6.77	7.12	7.19	-
76	MISCELLANEOUS REPAIR SERVICES	298.74	292.11	310.85	333.95	-	7.66	7.49	7.83	7.92	-
78	MOTION PICTURES:	227.16	250.13	261.74	256.52	-	9.54	9.03	9.73	9.68	-
781	Motion picture production and services	485.87	515.20	540.48	534.61	-	12.62	13.01	13.93	13.85	-
79	AMUSEMENT AND RECREATION SERVICES	181.50	177.31	184.97	183.13	-	5.99	5.95	6.27	6.25	-
80	HEALTH SERVICES:	207.62	199.70	214.83	213.07	-	6.33	6.07	6.59	6.72	-
801	Offices of physicians	213.63	205.68	219.75	213.57	-	6.52	6.29	6.69	6.78	-
802	Offices of dentists	179.27	176.03	184.23	185.08	-	6.29	6.07	6.51	6.54	-
805	Nursing and personal care facilities	141.19	138.26	143.99	148.20	-	4.54	4.46	4.63	4.75	-
806	Hospitals	231.54	220.32	242.05	247.13	-	6.81	6.48	7.14	7.29	-
81	LEGAL SERVICES	277.43	268.41	285.75	288.09	-	8.09	7.78	8.24	8.35	-
89	MISCELLANEOUS SERVICES:	353.87	344.32	373.84	373.81	-	9.37	8.99	9.71	9.76	-
891	Engineering and architectural services	392.89	379.08	411.99	412.06	-	10.10	9.77	10.51	10.62	-
893	Accounting, auditing, and bookkeeping	301.78	287.96	313.13	311.50	-	7.90	7.46	8.14	8.07	-

[1] For coverage of series, see footnote 1, table B-2.

[2] Beginning January 1978, data relate to line haul railroads with operating revenues of $50,000,000 or more.

[3] Data relate to employees in such occupations in the telephone industry as switchboard operators; service assistants; operating room instructors; and pay-station attendants. In 1977, such employees made up 20 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.

[4] Data relate to employees in such occupations in the telphone industry as central office craft persons; installation and exchange repair craft persons; line, cable and conduit craft persons; and laborers. In 1977, such employees made up 37 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.

[5] Money payments only; tips, not included.

[6] Data for nonoffice sales agents excluded from all series in this division.

- Data not available.

p = preliminary.

NOTE: Data from April 1980 forward are subject to revision when more recent benchmark data are introduced. See "Benchmark adjustment" in the Explanatory notes of this publication.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Avg. 1981	Jan. 1981	Dec. 1981	Jan. 1982P	Feb. 1982P	Avg. 1981	Jan. 1981	Dec. 1981	Jan. 1982P	Feb. 1982P
	SERVICES	32.6	32.5	32.6	32.1	32.4	-	-	-	-	-
	HOTELS AND OTHER LODGING PLACES	30.6	29.6	29.8	29.3	-	-	-	-	-	-
701	Hotels, motels, and tourist courts										
	PERSONAL SERVICES	33.6	33.3	33.8	32.5	-	-	-	-	-	-
721	Laundry, cleaning, and garment services	30.0	29.5	30.2	29.3	-	-	-	-	-	-
723	Beauty shops										
	BUSINESS SERVICES	32.8	32.6	33.0	32.3	-	-	-	-	-	-
73		35.5	35.3	36.2	35.5	-	-	-	-	-	-
731	Advertising	27.1	27.3	27.3	26.4	-	-	-	-	-	-
734	Services to buildings	37.2	36.8	37.4	36.9	-	-	-	-	-	-
737	Computer and data processing services										
	AUTO REPAIR, SERVICES, AND GARAGES	37.9	37.9	37.8	36.8	-	-	-	-	-	-
75		39.1	38.8	39.3	38.3	-	-	-	-	-	-
753	Automotive repair shops										
76	MISCELLANEOUS REPAIR SERVICES	39.0	39.0	39.7	38.3	-	-	-	-	-	-
	MOTION PICTURES	26.6	27.7	26.9	26.5	-	-	-	-	-	-
78		38.5	39.6	38.8	38.6	-	-	-	-	-	-
781	Motion picture production and services										
79	AMUSEMENT AND RECREATION SERVICES	30.3	29.8	29.5	29.3	-	-	-	-	-	-
	HEALTH SERVICES	32.8	32.9	32.6	32.6	-	-	-	-	-	-
80		32.3	32.7	32.1	31.5	-	-	-	-	-	-
801	Offices of physicians	28.5	29.0	28.3	29.3	-	-	-	-	-	-
802	Offices of dentists	31.1	31.0	31.1	31.2	-	-	-	-	-	-
805	Nursing and personal care facilities	34.3	34.0	33.9	33.9	-	-	-	-	-	-
806	Hospitals										
81	LEGAL SERVICES	34.3	34.5	34.8	34.5	-	-	-	-	-	-
	MISCELLANEOUS SERVICES	38.3	38.3	38.5	38.3	-	-	-	-	-	-
89		38.9	38.8	39.2	38.8	-	-	-	-	-	-
891	Engineering and architectural services	38.2	38.6	38.1	38.5	-	-	-	-	-	-
893	Accounting, auditing, and bookkeeping										

ESTABLISHMENT DATA
HOURS AND EARNINGS

C-3. Average hourly earnings excluding overtime of production workers on manufacturing payrolls by industry

Major industry group	Average hourly earnings excluding overtime				
	Avg. 1981	Feb. 1981	Dec. 1981	Jan. 1982P	Feb. 1982P
MANUFACTURING	$7.71	$7.48	$7.99	$8.16	$8.11
DURABLE GOODS	8.23	7.98	8.54	8.67	8.65
Lumber and wood products	6.78	6.59	5.97	7.19	-
Furniture and fixtures	5.76	5.60	5.97	6.15	-
Stone, clay, and glass products	7.91	7.56	8.22	8.39	-
Primary metal industries	10.42	10.16	10.78	10.90	-
Fabricated metal products	7.93	7.65	8.27	8.33	-
Machinery, except electrical	8.50	8.23	8.85	8.91	-
Electric and electronic equipment	7.48	7.23	7.72	7.82	-
Transportation equipment	9.93	9.57	10.34	10.40	-
Instruments and related products	7.24	7.03	7.61	7.76	-
Miscellaneous manufacturing industries	5.83	5.69	6.05	6.21	-
NONDURABLE GOODS	6.94	6.74	7.21	7.43	7.34
Food and kindred products	7.12	6.93	7.36	7.47	-
Tobacco manufactures	8.60	8.29	8.74	9.00	-
Textile mill products	5.32	5.15	5.55	5.63	-
Apparel and other textile products	4.91	4.81	4.98	5.14	-
Paper and allied products	8.17	7.87	8.54	8.62	-
Printing and publishing	7.94	7.72	8.21	8.34	-
Chemicals and allied products	8.77	8.46	9.20	9.31	-
Petroleum and coal products	10.89	10.86	11.18	11.51	-
Rubber and misc. plastics products	6.99	6.79	7.24	7.39	-
Leather and leather products	4.89	4.79	5.05	5.12	-

[1] Derived by assuming that overtime hours are paid at the rate of time and one-half. p = preliminary.

NOTE: The spendable earnings series shown below will be discontinued with this issue. See page 6 in this issue.

C-4. Gross and spendable average weekly earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division, in current and constant (1977) dollars

Industry	Gross average weekly earnings			Spendable average weekly earnings[2]					
				Worker with no dependents			Married worker with 3 dependents		
	Avg. 1981	Dec. 1981	Jan. 1982P	Avg. 1981	Dec. 1981	Jan. 1982P	Avg. 1981	Dec. 1981	Jan. 1982P
TOTAL PRIVATE:									
Current dollars	$255.20	$262.24	$255.19	$202.03	$208.34	-	$220.57	$226.60	-
Constant (1977) dollars	170.13	169.30	164.21	134.67	134.53	-	147.05	146.29	-
MINING:									
Current dollars	438.62	466.22	456.68	318.48	338.76	-	353.64	375.19	-
Constant (1977) dollars	292.41	300.98	293.87	212.32	218.70	-	235.76	242.21	-
CONSTRUCTION:									
Current dollars	395.60	414.03	383.46	292.76	306.90	-	323.68	338.41	-
Constant (1977) dollars	263.73	267.29	246.76	195.17	198.13	-	215.79	218.47	-
MANUFACTURING:									
Current dollars	317.60	329.57	312.01	244.03	253.83	-	267.36	277.25	-
Constant (1977) dollars	211.73	212.76	200.78	162.73	163.87	-	178.24	178.99	-
TRANSPORTATION AND PUBLIC UTILITIES:									
Current dollars	382.97	396.14	391.02	285.21	295.97	-	314.82	325.79	-
Constant (1977) dollars	255.31	255.74	251.62	190.14	191.37	-	209.88	210.32	-
WHOLESALE AND RETAIL TRADE:									
Current dollars	190.35	193.52	191.89	155.74	158.91	-	171.15	173.69	-
Constant (1977) dollars	126.90	124.93	123.48	103.83	102.59	-	114.10	112.10	-
FINANCE, INSURANCE, AND REAL ESTATE:									
Current dollars	228.69	233.85	238.92	183.53	188.31	-	200.53	204.95	-
Constant (1977) dollars	152.46	150.97	153.75	122.33	121.57	-	133.69	132.31	-
SERVICES:									
Current dollars	208.97	217.12	217.34	169.26	176.24	-	185.35	192.08	-
Constant (1977) dollars	139.31	140.17	139.85	112.84	113.78	-	123.57	124.00	-

[1] For coverage of series, see footnote 1, table B-2.
[2] Spendable earnings are calculated by taking the average weekly pay for all production or nonsupervisory jobs, both full-time and part-time, and then deducting social security and Federal income taxes applicable to a single worker or to a married worker with three dependents who earned this amount (see Explanatory Notes for the establishment data in the back of this publication). A technical note on the calculation and uses of the spendable earnings series is available on request.
p=preliminary.

C-5. Indexes of aggregate weekly hours and payrolls of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division and major manufacturing group

(1977=100)

Industry division and group	Avg. 1981	Feb. 1981	Dec. 1981	Jan. 1982P	Feb. 1982P
	Hours				
TOTAL PRIVATE	108.5	105.0	108.8	101.3	103.5
GOODS-PRODUCING	101.7	97.5	99.8	87.6	91.6
MINING	132.3	126.2	142.7	133.9	133.4
CONSTRUCTION	111.9	94.1	107.2	83.1	87.7
MANUFACTURING	98.3	96.8	95.1	86.3	90.4
DURABLE GOODS	98.2	97.1	94.2	85.9	89.4
Lumber and wood products	89.0	87.9	78.5	67.0	75.7
Furniture and fixtures	98.9	97.8	93.4	80.4	91.2
Stone, clay, and glass products	92.4	86.7	85.9	75.4	78.0
Primary metal industries	92.3	93.9	83.1	79.1	79.7
Fabricated metal products	95.8	94.9	92.0	83.8	86.4
Machinery, except electrical	110.3	110.0	110.0	101.7	105.0
Electric and electronic equipment	107.2	105.7	104.7	98.1	101.4
Transportation equipment	87.5	85.8	92.6	74.6	77.5
Instruments and related products	111.7	111.4	111.6	104.6	107.7
Miscellaneous manufacturing industries	91.9	87.7	90.8	80.4	83.8
NONDURABLE GOODS	98.3	96.4	96.3	86.8	91.8
Food and kindred products	98.7	94.0	98.5	90.9	91.3
Tobacco manufactures	99.3	97.1	102.0	95.4	96.2
Textile mill products	90.1	90.9	84.8	66.5	80.0
Apparel and other textile products	95.1	92.9	91.7	75.6	87.5
Paper and allied products	99.8	98.3	97.9	93.4	94.4
Printing and publishing	108.8	107.3	112.3	106.6	110.1
Chemicals and allied products	101.3	100.5	99.6	96.2	98.1
Petroleum and coal products	101.7	98.1	95.3	91.6	90.4
Rubber and misc. plastics products	101.2	99.5	97.2	90.6	92.8
Leather and leather products	89.6	88.0	85.0	76.2	77.8
SERVICE-PRODUCING	112.3	109.1	114.3	109.0	110.2
TRANSPORTATION AND PUBLIC UTILITIES	105.2	104.1	104.7	100.6	102.7
WHOLESALE AND RETAIL TRADE	107.3	103.0	111.5	103.3	103.7
WHOLESALE TRADE	111.4	109.2	111.9	108.0	108.5
RETAIL TRADE	105.6	100.7	111.3	101.5	101.9
FINANCE, INSURANCE, AND REAL ESTATE	117.9	116.9	117.8	117.0	116.9
SERVICES	119.3	116.1	123.2	116.6	118.7

[1] For coverage of series, see footnote 1, table B-2.

P preliminary

ESTABLISHMENT DATA
HOURS AND EARNINGS

C-5. Indexes of aggregate weekly hours and payrolls of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division and major manufacturing group—Continued

(1977=100)

Industry division and group	Aug. 1981	Feb. 1981	Dec. 1981	Jan. 1982P	Feb. 1982P
	Payrolls				
TOTAL PRIVATE	149.9	141.2	154.4	145.7	148.7
GOODS-PRODUCING	142.6	131.8	143.6	129.2	133.6
MINING	191.2	179.2	214.4	205.7	205.9
CONSTRUCTION	148.4	120.9	148.1	118.4	120.9
MANUFACTURING	138.2	132.1	138.2	127.7	133.3
DURABLE GOODS	138.1	132.3	137.0	126.1	131.2
Lumber and wood products	122.3	117.5	113.4	97.0	110.0
Furniture and fixtures	134.5	129.2	138.6	115.9	129.8
Stone, clay, and glass products	131.5	117.7	126.6	112.9	116.4
Primary metal industries	134.7	134.0	124.5	119.8	120.1
Fabricated metal products	133.0	127.1	132.9	121.3	126.3
Machinery, except electrical	155.7	150.4	161.7	149.6	155.0
Electric and electronic equipment	152.2	145.7	154.0	145.7	151.0
Transportation equipment	123.8	116.9	121.3	109.4	118.3
Instruments and related products	157.3	151.5	165.1	156.9	162.7
Miscellaneous manufacturing industries	125.9	117.2	129.2	116.4	121.6
NONDURABLE GOODS	138.5	131.7	140.5	130.6	136.1
Food and kindred products	136.9	126.7	141.0	132.4	131.4
Tobacco manufactures	158.1	149.9	163.9	157.1	162.9
Textile mill products	124.8	121.9	121.8	96.1	115.2
Apparel and other textile products	130.9	125.0	127.8	108.3	125.4
Paper and allied products	144.0	136.6	147.3	142.0	142.3
Printing and publishing	145.7	139.4	156.0	149.6	150.6
Chemicals and allied products	143.6	137.4	147.4	144.7	147.3
Petroleum and coal products	147.7	142.0	141.3	140.7	140.2
Rubber and misc. plastics products	141.8	135.5	140.6	133.4	136.6
Leather and leather products	123.9	119.1	121.1	110.0	113.2
SERVICE PRODUCING	155.0	147.8	162.0	157.4	159.3
TRANSPORTATION AND PUBLIC UTILITIES	146.3	140.7	151.0	145.8	149.3
WHOLESALE AND RETAIL TRADE	148.6	140.6	156.7	148.8	149.1
WHOLESALE TRADE	156.7	149.4	162.5	159.1	160.0
RETAIL TRADE	144.2	135.8	153.6	143.3	143.2
FINANCE, INSURANCE, AND REAL ESTATE	163.6	159.3	167.6	170.1	170.4
SERVICES	164.4	156.6	172.2	169.7	173.1

C-6. Average weekly hours of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division and major manufacturing group, seasonally adjusted

Industry	1981											1982	
	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.p	Feb. p
TOTAL PRIVATE	35.2	35.3	35.4	35.3	35.2	35.3	35.2	34.9	35.0	35.0	34.9	34.2	34.9
MINING	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
CONSTRUCTION	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
MANUFACTURING	39.8	39.9	40.2	40.3	40.1	40.0	40.0	39.3	39.5	39.3	39.0	37.3	39.1
Overtime hours	2.8	2.8	2.9	3.2	3.0	3.0	3.0	2.7	2.7	2.5	2.4	2.3	2.3
DURABLE GOODS	40.1	40.4	40.8	40.8	40.5	40.5	40.5	39.7	39.9	39.7	39.3	37.9	39.5
Overtime hours	2.8	2.8	3.0	3.2	3.0	3.0	3.0	2.6	2.6	2.4	2.4	2.2	2.2
Lumber and wood products	39.1	39.1	39.6	39.6	39.0	38.8	38.6	37.3	37.6	37.5	37.6	34.7	38.2
Furniture and fixtures	38.6	38.6	38.8	39.0	38.9	38.5	38.6	37.5	38.1	37.7	37.7	32.9	37.6
Stone, clay, and glass products	40.6	40.7	41.2	41.0	40.8	40.9	40.8	40.3	40.0	40.0	39.5	38.2	39.9
Primary metal industries	40.7	41.0	41.2	41.0	40.8	40.5	40.7	40.6	39.8	39.7	39.2	39.4	39.1
Fabricated metal products	40.2	40.4	40.9	40.9	40.7	40.5	40.5	39.5	40.0	39.6	39.2	37.9	39.3
Machinery, except electrical	40.8	40.9	41.3	41.4	41.1	41.1	41.2	40.3	40.7	40.6	40.3	39.0	40.4
Electric and electronic equipment	39.6	40.0	40.2	40.4	40.2	40.5	40.4	39.6	39.9	39.3	39.2	38.1	39.4
Transportation equipment	40.5	40.9	42.3	41.8	41.4	41.2	41.3	39.9	40.5	40.3	39.4	38.8	40.3
Instruments and related products	40.5	40.5	40.1	40.4	40.4	40.5	40.8	40.5	40.4	40.3	39.9	38.5	39.8
Miscellaneous manufacturing ind.	38.6	38.7	38.9	39.2	39.1	39.2	39.1	38.4	39.0	39.0	38.4	36.6	38.3
NONDURABLE GOODS	39.2	39.2	39.3	39.6	39.4	39.3	39.3	38.9	39.0	38.8	38.6	36.4	38.5
Overtime hours	2.9	2.8	2.9	3.1	3.0	2.9	2.9	2.8	2.8	2.7	2.4	2.4	2.5
Food and kindred products	39.9	39.7	40.1	40.3	39.8	39.4	39.4	39.2	39.5	39.6	39.8	39.0	39.5
Tobacco manufactures	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Textile mill products	40.0	39.9	39.8	40.5	40.2	40.4	40.3	38.9	39.3	38.8	37.8	31.2	37.5
Apparel and other textile products	35.6	35.7	35.5	36.0	36.1	35.9	36.1	35.2	35.7	35.6	35.1	30.9	36.8
Paper and allied products	42.4	42.4	42.6	42.8	42.7	42.7	42.7	43.1	42.4	41.9	41.8	41.1	42.1
Printing and publishing	37.3	37.1	37.3	37.6	37.4	37.3	37.3	37.1	37.1	36.9	37.2	36.6	37.4
Chemicals and allied products	41.6	41.5	41.5	41.7	41.7	41.8	41.7	42.3	41.5	41.3	41.3	40.8	41.3
Petroleum and coal products	43.8	43.5	44.1	43.8	43.4	43.1	42.8	43.3	42.1	42.3	42.6	44.3	43.7
Rubber and misc. plastics products	40.3	40.5	40.7	41.3	41.0	40.5	40.6	39.6	40.0	39.6	39.4	37.7	39.4
Leather and leather products	37.0	37.1	36.6	37.1	37.4	36.5	36.9	36.1	36.8	36.7	36.1	33.8	36.9
TRANSPORTATION AND PUBLIC UTILITIES	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
WHOLESALE AND RETAIL TRADE	32.2	32.2	32.3	32.1	32.1	32.2	32.1	32.1	31.9	32.0	31.9	31.5	31.9
WHOLESALE TRADE	38.6	38.6	38.6	38.5	38.5	38.7	38.6	38.5	38.5	38.6	38.4	38.1	38.4
RETAIL TRADE	30.2	30.2	30.3	30.1	30.1	30.1	30.1	30.1	29.9	29.9	29.9	29.5	29.9
FINANCE, INSURANCE, AND REAL ESTATE	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
SERVICES	32.8	32.8	32.8	32.7	32.5	32.5	32.4	32.4	32.5	32.6	32.7	32.3	32.5

[1] For coverage of series, see footnote 1, table B-2.

[2] This series is not published seasonally adjusted since the seasonal component is small relative to the trend-cycle and/or irregular components and consequently cannot be separated with sufficient precision.

p = preliminary

ESTABLISHMENT DATA
SEASONALLY ADJUSTED

C-7. Indexes of aggregate weekly hours of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division and major manufacturing group, seasonally adjusted

(1977=100)

Industry division and group	1981											1982	
	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan. p	Feb. p
TOTAL PRIVATE	107.9	108.4	108.9	108.9	108.7	109.4	109.2	108.6	108.4	108.0	106.9	104.1	106.5
GOODS PRODUCING	100.9	102.4	102.8	103.1	102.6	103.5	103.4	101.1	100.8	99.3	96.8	90.8	95.4
MINING	128.6	128.2	112.0	113.3	120.0	116.5	119.8	119.3	143.1	141.1	143.0	137.4	136.9
CONSTRUCTION	109.1	116.6	115.8	112.9	109.3	110.9	110.0	105.2	109.8	111.0	108.4	98.6	105.8
MANUFACTURING	98.0	98.4	99.9	100.7	100.2	100.5	100.4	98.5	97.2	95.1	92.4	87.2	91.4
DURABLE GOODS	97.8	98.6	100.7	101.1	100.6	100.9	100.9	98.6	95.9	94.1	93.8	86.2	89.9
Lumber and wood products	91.7	91.9	94.5	96.1	92.9	92.5	89.8	85.5	82.7	79.6	77.5	70.4	78.9
Furniture and fixtures	97.4	97.4	100.5	102.6	102.6	102.3	102.3	98.4	98.4	95.	93.6	80.1	93.6
Stone, clay, and glass products	92.8	92.7	94.8	94.5	93.9	94.5	94.6	92.5	93.0	88.	84.9	79.9	83.4
Primary metal industries	94.0	94.7	95.7	94.8	94.6	93.5	94.4	93.6	89.0	86.4	82.3	78.9	79.8
Fabricated metal products	95.3	96.2	98.2	98.7	98.4	99.8	99.4	95.5	94.3	91.3	88.0	83.8	86.5
Machinery, except electrical	108.7	109.1	110.5	111.8	111.5	111.7	112.9	110.9	111.3	109.1	105.1	103.7	103.7
Electric and electronic equipment	105.3	107.0	108.4	109.6	109.2	110.9	113.5	108.2	107.6	103.1	103.5	97.5	101.1
Transportation equipment	86.8	88.7	93.3	92.2	91.9	91.1	91.6	88.8	84.7	82.4	76.4	74.2	78.3
Instruments and related products	111.2	111.5	110.9	112.0	111.7	113.3	113.9	113.0	112.0	110.4	109.0	104.4	107.8
Miscellaneous manufacturing ind	90.7	90.6	92.0	92.4	92.2	95.4	92.8	91.4	92.2	92.2	93.2	84.0	86.4
NONDURABLE GOODS	98.3	98.1	98.7	100.1	99.5	99.8	99.5	98.5	97.8	96.4	94.8	88.6	93.6
Food and kindred products	100.4	99.0	100.5	100.8	98.1	99.4	96.8	96.3	97.8	98.0	97.8	95.3	97.5
Tobacco manufactures	98.1	96.5	96.5	98.4	98.3	103.2	113.1	103.3	98.1	95.8	93.3	95.2	99.4
Textile mill products	90.9	90.7	93.7	92.6	92.1	93.7	92.7	89.6	88.7	86.1	82.6	66.6	79.7
Apparel and other textile products	94.0	94.3	94.1	96.0	96.8	97.6	97.2	95.0	95.2	94.1	91.4	78.9	88.4
Paper and allied products	99.2	99.1	99.9	100.8	100.7	100.9	101.1	103.3	99.2	97.3	95.8	93.6	95.3
Printing and publishing	108.2	107.8	108.5	109.5	108.8	108.8	109.3	109.3	109.3	108.4	109.1	107.5	110.9
Chemicals and allied products	101.1	101.0	101.2	102.0	102.5	102.4	102.2	103.8	101.0	99.6	98.8	96.6	98.5
Petroleum and coal products	104.6	103.9	105.3	105.4	102.9	102.2	100.7	101.1	97.6	97.3	95.4	96.3	95.8
Rubber and misc. plastics products	99.3	100.1	102.2	105.3	104.7	103.6	105.0	101.7	103.1	97.0	94.8	90.1	92.4
Leather and leather products	89.5	89.3	88.5	90.6	91.4	91.4	91.5	89.5	90.8	89.2	84.6	78.0	78.6
SERVICE PRODUCING	111.7	111.8	112.3	112.0	112.1	112.6	112.5	112.9	112.7	112.8	112.8	111.4	112.7
TRANSPORTATION AND PUBLIC UTILITIES	105.4	105.1	105.4	104.9	106.2	106.0	105.2	105.5	104.0	104.7	103.2	102.4	104.3
WHOLESALE AND RETAIL TRADE	106.8	106.9	107.2	106.9	107.0	107.0	107.9	108.3	107.7	107.3	106.5	105.7	107.3
WHOLESALE TRADE	111.1	111.1	111.4	111.4	111.3	112.3	112.1	111.8	111.6	111.8	110.8	109.3	113.2
RETAIL TRADE	105.2	105.4	105.6	105.2	105.3	106.0	106.2	106.6	106.2	105.5	104.9	104.3	106.2
FINANCE, INSURANCE, AND REAL ESTATE	117.4	117.5	117.8	117.4	117.6	119.1	118.7	118.3	118.5	118.2	118.2	118.0	117.8
SERVICES	118.2	118.4	119.3	119.2	118.7	119.3	119.0	119.5	120.1	120.8	121.2	119.6	120.8

[1] For coverage of series, see footnote 1, table B-2.

p preliminary

C-8. Hourly Earnings Index and average hourly and weekly earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls, seasonally adjusted

Industry	1981											1982	
	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan. p	Feb. p
Hourly Earnings Index[2] (1977=100)													
TOTAL PRIVATE (in current dollars)	135.0	135.8	136.7	137.7	138.4	139.0	140.7	141.5	141.9	143.2	143.5	145.0	145.1
MINING	143.2	144.0	145.7	145.6	147.2	148.9	149.4	151.5	151.3	153.3	153.2	155.9	156.4
CONSTRUCTION	128.0	128.6	129.0	129.4	130.4	131.8	132.5	132.9	134.3	135.4	136.2	140.6	136.9
MANUFACTURING	137.5	138.5	139.9	140.7	141.6	142.5	143.6	144.8	145.5	146.4	147.0	148.8	149.3
TRANSPORTATION AND PUBLIC UTILITIES	135.4	136.1	137.3	138.3	139.8	139.3	141.8	141.7	142.0	144.0	144.4	145.5	146.2
WHOLESALE AND RETAIL TRADE	135.0	135.8	136.4	137.4	137.8	138.4	140.3	141.2	140.5	141.5	141.9	142.2	142.7
FINANCE, INSURANCE, AND REAL ESTATE	135.0	136.0	135.4	136.8	137.1	137.4	140.4	140.3	140.9	143.2	141.8	144.0	143.7
SERVICES	133.2	134.0	134.8	136.0	136.6	136.9	139.4	139.8	140.7	142.6	142.7	143.5	144.0
TOTAL PRIVATE (in 1977 dollars)[3]	92.8	92.8	93.1	93.0	92.9	92.2	92.6	92.1	92.3	92.5	92.3	93.0	-
Average hourly earnings													
TOTAL PRIVATE	$7.04	$7.09	$7.14	$7.18	$7.23	$7.26	$7.34	$7.37	$7.39	$7.45	$7.45	$7.51	$7.52
MINING	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
CONSTRUCTION	10.44	10.49	10.52	10.57	10.69	10.77	10.85	10.88	11.01	11.09	11.16	11.52	11.20
MANUFACTURING	7.74	7.80	7.90	7.95	7.99	8.02	8.08	8.14	8.15	8.18	8.19	8.37	8.38
TRANSPORTATION AND PUBLIC UTILITIES	9.44	9.48	9.57	9.67	9.74	9.71	9.88	9.88	9.89	9.99	10.03	10.13	10.16
WHOLESALE AND RETAIL TRADE	5.78	5.81	5.84	5.89	5.91	5.93	5.99	6.05	6.02	6.05	6.08	6.08	6.08
FINANCE, INSURANCE, AND REAL ESTATE	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
SERVICES	6.20	6.24	6.27	6.32	6.38	6.42	6.51	6.52	6.58	6.64	6.65	6.70	6.70
Average weekly earnings													
TOTAL PRIVATE													
Current dollars	247.81	250.28	252.76	253.45	254.50	256.28	258.37	257.21	258.65	260.75	260.01	256.88	262.45
1977 dollars[3]	170.32	171.07	172.38	171.25	170.92	169.50	170.04	167.55	167.74	168.33	167.21	166.75	-

[1] For coverage of series, see footnote 1, table B-2.

[2] The index excluding effects of two types of changes that are unrelated to underlying wage-rate developments. Fluctuations in overtime premiums in manufacturing (the only sector for which overtime data are available) and the effects of changes in the proportion of workers in high-wage and low-wage industries.

[3] The unadjusted data are shown because the seasonal component is small relative to the trend-cycle and/or irregular components and consequently cannot be separated with sufficient precision.

[4] The deflator for these series is derived from the Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W). Data revised, see page 120.

[5] See footnote 2, table C-6.

[6] See footnote 2, table C-4.

p=preliminary.

C-9. Hours of wage and salary workers[1] in nonagricultural establishments by industry division

Industry division	Millions of hours (Annual rate)[2]			Percent change		
	December r1981	January r1981	February p1982	Feb. 1981 to Feb. 1982	Dec. 1981 to Jan. 1982	Jan. 1982 to Feb. 1982
TOTAL	169,940	165,847	170,018	-0.9	-2.4	2.5
PRIVATE SECTOR	138,717	136,478	138,956	-0.8	-1.6	1.7
MINING	2,775	2,708	2,702	7.2	-2.4	-0.2
CONSTRUCTION	9,141	7,675	7,965	-4.7	-5.7	3.8
MANUFACTURING	40,525	39,099	40,169	-4.8	-3.5	2.7
DURABLE GOODS	24,344	23,600	24,144	-5.6	-3.1	2.3
NONDURABLE GOODS	16,181	15,499	16,026	-3.5	-4.2	3.4
TRANSPORTATION AND PUBLIC UTILITIES	10,440	10,399	10,539	-0.7	-0.4	1.3
WHOLESALE AND RETAIL TRADE	34,612	34,625	35,084	0.8	0.0	1.3
FINANCE, INSURANCE, AND REAL ESTATE	10,132	10,174	10,260	1.2	-0.1	0.3
SERVICES	32,092	31,844	32,247	2.5	-0.8	1.3
GOVERNMENT	31,223	29,373	31,162	-1.5	-5.9	6.1

[1] Data refer to hours of all employees—production workers, nonsupervisory workers and salaried workers—and are based largely on establishment data. See *BLS Handbook of Methods for Surveys and Studies*, BLS Bulletin 1910—Chapter 30, Productivity Measures: Private Economy and Major Sectors.

[2] "Annual rate" refers to total hours paid for 1 week in the month, expressed as a seasonally adjusted annual equivalent.

PRODUCTIVITY
SEASONALLY ADJUSTED

C-10. Indexes of output and compensation per hour, unit costs, and prices, private business sector, seasonally adjusted

(1977 = 100)

Item	Annual average		Quarterly indexes										
			1979			1980				1981			
	1980	1981	II	III	IV	I	II	III	IV	I	II	III	IV
PRIVATE BUSINESS SECTOR:													
Output per hour of all persons	99.3	100.4	99.7	99.4	99.1	99.5	99.1	99.4	99.1	100.3	101.2	100.9	r99.2
Output	106.8	108.9	107.1	107.7	108.2	108.7	105.4	105.7	107.5	109.5	109.5	109.4	r107.5
Hours	107.5	108.5	107.4	108.4	109.1	109.2	106.4	106.3	108.4	109.2	108.2	108.4	108.4
Compensation per hour	131.5	144.6	118.1	120.7	123.2	126.4	130.1	133.1	135.9	139.8	143.3	146.5	148.5
Real compensation per hour	96.7	96.4	100.3	99.2	98.0	96.7	96.6	96.9	96.0	96.1	96.9	96.3	95.8
Unit labor costs	132.4	r144.0	118.5	121.4	124.3	127.0	131.3	133.9	137.1	139.4	141.6	145.2	r149.7
Unit nonlabor payments	118.3	r130.5	110.4	111.5	112.2	115.2	116.0	119.7	122.7	127.6	129.3	132.4	r132.5
Implicit price deflator	127.5	r139.4	115.8	118.1	120.2	123.0	126.1	129.1	132.2	135.4	137.5	140.9	r143.9
NONFARM BUSINESS SECTOR:													
Output per hour of all persons	98.8	99.7	99.1	98.9	98.8	98.9	98.2	99.0	99.0	100.0	100.4	99.9	r98.2
Output	106.8	r108.8	107.1	107.8	108.2	108.5	105.1	105.8	107.7	109.7	109.4	109.0	r106.9
Hours	108.1	109.1	108.0	109.0	109.4	109.7	107.0	106.9	108.8	109.7	109.0	109.1	108.8
Compensation per hour	130.8	143.9	117.7	120.2	123.0	126.0	129.4	132.3	135.4	139.2	142.4	145.7	r147.9
Real compensation per hour	96.2	95.9	100.0	98.8	97.8	96.4	96.0	96.3	95.7	95.7	96.3	95.8	r95.4
Unit labor costs	132.4	r144.3	118.7	121.5	124.4	127.4	131.8	133.6	136.8	139.1	141.9	145.8	r150.6
Unit nonlabor payments	117.6	r130.3	107.7	109.2	110.1	113.9	115.1	119.2	122.0	127.8	128.7	132.2	r132.7
Implicit price deflator	127.4	139.6	115.1	117.4	119.7	122.9	126.3	128.8	131.9	135.3	137.5	141.2	r144.6
MANUFACTURING:													
Output per hour of all persons	101.7	104.5	102.3	102.0	102.1	102.0	100.7	100.7	103.2	104.2	105.2	105.5	r102.5
Output	103.6	106.3	108.5	108.5	108.2	108.0	101.6	99.9	105.1	107.0	107.8	107.8	102.4
Hours	101.9	101.7	106.1	106.4	106.0	r105.8	100.9	99.2	101.8	102.7	102.5	102.2	r99.9
Compensation per hour	131.6	146.2	118.6	119.8	122.3	125.4	130.0	133.9	137.3	141.1	144.8	148.0	150.7
Real compensation per hour	96.8	97.4	100.7	98.5	97.2	96.0	96.5	97.5	97.0	97.1	97.9	97.3	97.2
Unit labor costs	129.4	140.0	115.9	117.5	119.8	122.9	129.0	133.0	133.0	135.5	137.6	140.3	r147.0
DURABLE GOODS													
Output per hour of all persons	99.7	102.8	101.6	100.1	100.3	99.9	99.0	98.4	101.2	102.5	103.8	103.9	r100.7
Output	102.9	105.7	110.4	109.5	109.1	108.4	100.7	98.1	104.2	106.4	107.7	107.4	101.2
Hours	103.2	102.8	108.6	109.3	108.7	r108.4	101.8	99.7	103.0	103.9	103.7	103.3	r100.5
Compensation per hour	131.7	146.9	118.4	119.3	121.5	125.2	130.0	134.2	137.8	141.7	145.3	148.7	r151.4
Real compensation per hour	96.9	97.9	100.6	98.1	96.6	95.8	96.5	97.7	97.4	97.4	98.3	97.7	97.7
Unit labor costs	132.1	r142.8	116.6	119.2	121.1	125.2	131.4	136.4	136.2	138.3	140.0	143.0	r150.4
NONDURABLE GOODS													
Output per hour of all persons	104.9	106.9	103.5	105.0	104.9	105.3	103.4	104.3	106.4	106.9	107.4	108.0	105.2
Output	104.8	107.1	105.9	107.0	107.0	107.4	102.9	102.6	106.3	107.8	108.0	108.5	104.3
Hours	99.9	100.2	102.2	101.9	102.0	102.0	99.5	98.4	99.9	100.9	100.6	100.5	99.1
Compensation per hour	130.9	144.7	118.2	119.9	122.9	125.0	129.6	133.3	136.0	139.7	143.3	146.4	r149.2
Real compensation per hour	96.3	96.4	100.3	98.5	97.7	95.7	96.2	97.1	96.1	96.1	96.9	96.2	96.2
Unit labor costs	124.8	135.3	114.1	114.2	117.2	118.7	125.3	127.8	127.8	130.7	133.5	135.6	r141.8
NONFINANCIAL CORPORATIONS:													
Output per all-employee hour	101.0	p103.5	100.7	100.5	99.9	100.2	100.1	101.8	101.8	103.3	103.9	103.8	N.A.
Output	108.5	p112.2	109.0	109.4	109.3	109.9	106.8	107.7	109.7	112.8	112.8	112.8	N.A.
Hours	107.5	p108.5	108.3	108.9	109.4	109.6	106.7	105.8	107.8	109.1	108.6	108.7	N.A.
Compensation per hour	130.7	p143.9	117.6	120.1	122.7	125.7	129.3	132.5	135.5	139.2	142.3	145.5	N.A.
Real compensation per hour	96.2	p 95.9	99.9	98.7	97.5	96.2	95.9	96.5	95.7	95.7	96.2	95.6	N.A.
Total unit costs	129.7	p140.9	115.3	118.2	121.3	124.2	129.2	131.1	134.1	136.0	138.7	142.2	N.A.
Unit labor costs	129.4	p139.1	116.8	119.5	122.8	125.4	129.1	130.2	133.1	134.7	137.0	140.2	N.A.
Unit nonlabor costs	130.2	p146.1	111.2	114.6	117.2	120.9	129.3	133.8	136.9	139.5	143.6	147.7	N.A.
Unit profits	90.2	p103.4	100.7	97.5	92.2	95.5	83.4	89.1	92.4	106.8	102.8	106.7	N.A.
Implicit price deflator	125.2	p136.7	113.7	115.9	118.1	121.0	124.1	126.4	129.5	132.7	134.7	138.2	N.A.

p=preliminary.
r=revised.

C-11. Percent changes from preceding quarter and year in productivity, hourly compensation, unit costs, and prices, private business sector, seasonally adjusted at annual rate

Item	Quarterly percent change						Annual percent change					
	II 1980 to III 1980	III 1980 to IV 1980	IV 1980 to I 1981	I 1981 to II 1981	II 1981 to III 1981	III 1981 to IV 1981	III 1979 to III 1980	IV 1979 to IV 1980	I 1980 to I 1981	II 1980 to II 1981	III 1980 to III 1981	IV 1980 to IV 1981
PRIVATE BUSINESS SECTOR:												
Output per hour of all persons	1.3	-1.1	4.7	3.5	-1.1	r-6.5	0.0	0.0	0.8	2.1	1.5	r0.0
Output	1.1	6.9	7.9	-0.1	-0.3	r-6.8	-1.9	-0.7	0.8	3.9	3.5	r0.0
Hours	-0.2	8.1	3.0	r-3.5	0.8	-0.2	-1.9	-0.7	0.0	1.7	2.0	0.0
Compensation per hour	9.5	8.6	11.9	10.4	9.3	r 5.5	10.3	10.3	10.6	10.1	10.1	9.3
Real compensation per hour	1.6	-3.8	0.5	3.2	-2.3	r-2.1	-2.3	-2.0	-0.6	0.3	-0.6	-0.2
Unit labor costs	8.1	9.8	6.9	6.6	10.6	r12.9	10.3	10.3	9.7	7.8	8.5	r9.2
Unit nonlabor payments	13.7	10.2	17.1	5.3	10.1	r0.0	7.4	9.3	10.8	11.5	10.6	r8.0
Implicit price deflator	9.8	9.9	10.0	6.2	10.4	r8.7	9.4	10.0	10.1	9.0	9.1	r8.8
NONFARM BUSINESS SECTOR:												
Output per hour of all persons	3.6	-0.2	4.4	1.4	r-1.7	r-6.8	0.2	0.2	1.2	2.3	0.9	r-0.8
Output	2.9	7.1	7.9	-1.1	-1.4	r-7.7	-1.8	-0.5	1.1	4.1	3.0	r-0.7
Hours	-0.7	7.3	3.4	-2.5	0.4	r-1.0	-1.9	-0.6	-0.1	1.8	2.1	0.1
Compensation per hour	9.0	9.8	11.7	9.6	9.5	r6.2	10.1	10.1	10.5	10.0	10.2	r9.2
Real compensation per hour	1.2	-2.7	0.3	2.5	-2.2	r-1.5	-2.5	-2.2	-0.7	0.3	-0.6	-0.2
Unit labor costs	5.3	10.1	7.0	8.1	11.5	r14.0	9.9	9.9	9.2	7.6	9.2	r10.1
Unit nonlabor payments	15.0	9.9	r20.2	3.0	11.3	r1.6	9.1	10.8	12.2	11.8	10.9	r8.8
Implicit price deflator	8.2	10.0	11.0	6.5	11.4	r10.0	9.6	10.2	10.1	8.9	9.7	r9.7
MANUFACTURING:												
Output per hour of all persons	- 0.1	10.3	3.8	r4.0	1.2	r-11.0	-1.2	1.1	2.1	4.5	4.8	r-0.7
Output	-6.6	22.4	7.5	3.3	- 0.1	-18.5	-7.9	-2.9	-0.9	6.1	7.9	-2.5
Hours	r-6.6	11.0	3.6	-0.8	-1.2	r-8.5	-6.8	-4.0	-3.0	1.6	3.0	r-1.8
Compensation per hour	12.7	10.5	11.6	10.8	9.3	r 7.4	11.8	12.3	12.5	11.4	10.5	9.8
Real compensation per hour	r4.6	-2.2	0.2	3.5	-2.4	r -0.4	-1.0	-0.2	1.1	1.5	-0.2	0.2
Unit labor costs	12.8	0.1	7.5	6.5	8.0	r20.7	13.2	11.0	10.2	6.6	5.5	r10.5
DURABLE GOODS												
Output per hour of all persons	-2.5	11.9	5.2	5.5	0.4	r-11.9	-1.8	0.8	2.5	4.9	5.7	-0.5
Output	-10.2	27.7	8.7	5.0	-1.3	-21.1	-10.5	-4.5	-1.8	6.9	9.5	-2.9
Hours	-8.0	14.1	3.4	-0.5	-1.7	r-10.5	-8.8	-5.2	-4.2	1.9	3.6	r-2.5
Compensation per hour	13.4	11.2	11.8	10.7	9.5	r 7.6	12.4	13.4	13.2	11.8	10.8	r9.9
Real compensation per hour	5.2	-1.4	0.3	3.5	-2.1	r-0.2	-0.4	0.8	1.7	1.9	0.0	r0.3
Unit labor costs	16.3	-0.6	6.3	4.9	9.1	r22.1	14.5	12.5	10.4	6.5	4.9	r10.4
NONDURABLE GOODS												
Output per hour of all persons	3.4	8.2	1.8	1.9	2.3	r-9.8	-0.6	1.4	1.5	3.8	3.5	-1.1
Output	-1.1	15.2	5.8	0.7	1.7	r-14.6	-4.1	-0.6	0.4	5.0	5.7	-1.9
Hours	-4.3	6.4	3.9	r-1.1	-0.6	r-5.3	-3.5	-2.1	-1.0	1.1	2.1	-0.8
Compensation per hour	11.9	8.2	11.4	r10.7	8.9	r7.8	11.2	10.6	11.7	10.5	9.8	r9.7
Real compensation per hour	3.8	-4.2	0.0	3.5	-2.7	r0.0	-1.5	-1.7	0.4	0.7	-0.9	r0.2
Unit labor costs	8.3	-0.1	9.4	8.7	6.5	r19.6	11.9	9.0	10.1	6.5	6.1	10.9
NONFINANCIAL CORPORATIONS:												
Output per all-employee hour	6.7	0.0	6.3	2.2	-0.5	N.A.	1.3	1.9	3.1	3.8	2.0	N.A
Output	3.4	7.9	11.5	0.1	-0.1	N.A.	-1.6	0.4	2.6	5.6	4.7	N.A
Hours	-3.1	7.9	4.8	-2.0	0.4	N.A.	-2.8	-1.5	-0.5	1.8	2.7	N.A
Compensation per hour	10.2	9.4	11.4	9.3	9.2	N.A.	10.3	10.4	10.8	10.1	9.8	N.A
Real compensation per hour	2.2	-3.1	0.0	2.1	-2.5	N.A.	-2.2	-1.9	-0.5	0.3	-0.9	N.A
Total unit costs	6.2	9.3	5.6	8.4	10.3	N.A.	11.0	10.5	9.5	7.4	8.4	N.A
Unit labor costs	3.2	9.4	4.8	7.0	9.7	N.A.	8.9	8.4	7.4	6.1	7.7	N.A
Unit nonlabor costs	14.7	9.5	7.9	12.3	11.8	N.A.	16.8	16.8	15.4	11.1	10.4	N.A
Unit profits	30.3	15.7	77.9	-13.9	15.7	N.A.	-8.6	0.3	11.8	23.3	19.7	N.A
Implicit price deflator	7.9	9.9	10.4	6.2	10.7	N.A.	9.1	9.6	9.7	8.6	9.3	N.A

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p=preliminary.
r=revised.

C-12. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	JAN. 1981	DEC. 1981	JAN. 1982P	JAN. 1981	DEC. 1981	JAN. 1982P	JAN. 1981	DEC. 1981	JAN. 1982P
ALABAMA	$274.00	$286.80	$228.75	40.0	40.0	29.2	$6.85	$7.17	$7.81
Birmingham	313.24	332.00	(*)	39.6	40.0	(*)	7.91	8.30	(*)
Mobile	343.44	375.46	315.02	41.5	40.9	33.2	8.48	9.18	9.46
ALASKA	394.23	430.19	(*)	32.5	33.9	(*)	12.13	12.69	(*)
ARIZONA	311.25	352.46	336.21	39.7	40.7	38.6	7.84	8.66	8.71
Phoenix	310.95	343.88	324.43	40.7	40.6	38.9	7.64	8.47	8.34
Tucson	289.71	340.57	322.79	37.0	40.4	38.2	7.83	8.43	8.45
ARKANSAS	240.77	259.84	229.47	39.6	39.3	34.3	6.08	6.51	6.69
Fayetteville—Springdale	218.20	229.90	228.38	39.6	39.0	37.5	5.51	6.05	6.09
Fort Smith	233.32	248.71	224.79	38.2	38.5	33.5	6.10	6.46	6.71
Little Rock—North Little Rock	274.87	298.62	257.96	39.1	39.5	33.2	7.03	7.56	7.77
Pine Bluff	312.83	345.92	328.58	41.6	42.7	38.7	7.52	8.08	8.49
CALIFORNIA	322.24	364.50	356.80	39.6	40.5	39.6	8.14	9.00	9.01
Anaheim—Santa Ana—Garden Grove	314.11	344.35	(*)	40.9	40.8	(*)	7.68	8.44	(*)
Bakersfield	354.55	370.64	(*)	40.8	40.2	(*)	8.69	9.22	(*)
Fresno	288.04	304.72	(*)	38.0	37.9	(*)	7.58	8.04	(*)
Los Angeles—Long Beach	309.25	343.92	(*)	39.8	40.7	(*)	7.77	8.46	(*)
Modesto	310.42	348.25	(*)	38.9	40.4	(*)	7.98	8.62	(*)
Oxnard—Simi Valley—Ventura	276.36	319.56	(*)	39.2	40.4	(*)	7.05	7.91	(*)
Riverside—San Bernardino—Ontario	324.00	341.68	(*)	40.0	39.5	(*)	8.10	8.65	(*)
Sacramento	336.40	359.04	(*)	38.8	38.4	(*)	8.67	9.35	(*)
Salinas—Seaside—Monterey	280.55	308.47	(*)	36.2	37.3	(*)	7.75	8.27	(*)
San Diego	301.82	351.01	(*)	38.4	40.3	(*)	7.86	8.71	(*)
San Francisco—Oakland	391.05	419.89	(*)	39.5	39.5	(*)	9.90	10.63	(*)
San Jose	335.36	385.40	(*)	39.5	41.8	(*)	8.49	9.22	(*)
Santa Barbara—Santa Maria—Lompoc	281.47	312.39	(*)	38.4	39.0	(*)	7.33	8.01	(*)
Santa Rosa	283.44	303.78	(*)	38.0	38.6	(*)	7.38	7.87	(*)
Stockton	340.81	362.48	(*)	39.4	39.4	(*)	8.65	9.20	(*)
Vallejo—Fairfield—Napa	332.63	404.64	(*)	37.5	38.5	(*)	8.87	10.51	(*)
COLORADO	318.00	331.50	327.41	39.8	39.7	39.4	7.99	8.35	8.31
Denver—Boulder	317.59	334.27	328.94	39.6	39.7	39.3	8.02	8.42	8.37
CONNECTICUT	314.91	331.52	(*)	42.1	41.7	(*)	7.48	7.95	(*)
Bridgeport	327.17	342.98	(*)	42.6	42.5	(*)	7.68	8.07	(*)
Hartford	338.44	352.80	(*)	42.2	41.9	(*)	8.02	8.42	(*)
New Britain	328.02	331.23	(*)	42.6	41.3	(*)	7.70	9.02	(*)
New Haven—West Haven	285.20	308.43	(*)	40.0	39.9	(*)	7.13	7.73	(*)
Stamford	285.89	304.47	(*)	40.9	41.2	(*)	6.99	7.39	(*)
Waterbury	270.30	271.17	(*)	42.3	41.4	(*)	6.39	6.55	(*)
DELAWARE	317.94	328.89	302.37	39.3	39.2	37.1	8.09	8.39	8.15
Wilmington	366.00	380.63	377.51	40.0	39.2	38.6	9.15	9.71	9.78
DISTRICT OF COLUMBIA									
Washington SMSA	340.29	359.83	343.60	36.8	38.9	37.8	8.55	9.25	9.09
FLORIDA	259.15	281.54	277.26	41.2	41.1	40.3	6.29	6.85	6.88
Fort Lauderdale—Hollywood	236.81	269.42	259.53	39.8	41.9	40.3	5.95	6.43	6.44
Jacksonville	309.64	341.06	(*)	41.9	42.9	(*)	7.39	7.95	(*)
Lakeland—Winter Haven	308.98	308.96	293.18	47.1	43.7	42.8	6.56	7.07	6.85
Miami	217.60	231.49	227.55	40.0	40.4	39.3	5.44	5.73	5.79
Orlando	275.76	319.12	309.67	42.1	44.2	43.8	6.55	7.22	7.07
Pensacola	316.99	355.15	336.19	41.6	43.9	41.2	7.62	8.09	8.15
Tampa—St. Petersburg	261.62	277.16	271.60	41.2	41.0	40.0	6.35	6.76	6.79
West Palm Beach—Boca Raton	286.45	314.08	320.74	42.5	42.5	41.6	6.74	7.39	7.71
GEORGIA	249.24	264.67	(*)	40.2	39.8	(*)	6.20	6.65	(*)
Atlanta	288.95	315.19	(*)	39.8	39.3	(*)	7.26	8.02	(*)
Savannah	339.87	365.59	(*)	43.5	44.1	(*)	7.79	8.29	(*)
HAWAII	(*)	299.86	298.68	(*)	39.3	38.0	(*)	7.63	7.86
Honolulu	(*)	298.36	301.18	(*)	38.9	37.6	(*)	7.67	8.01
IDAHO	305.52	324.53	311.54	38.0	39.1	37.0	8.04	8.30	8.42
Boise City	260.63	306.78	330.00	36.3	38.3	40.0	7.18	8.01	8.25

See footnotes at end of table.

C-12. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas—Continued

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	JAN. 1981	DEC. 1981	JAN. 1982P	JAN. 1981	DEC. 1981	JAN. 1982P	JAN. 1981	DEC. 1981	JAN. 1982P
ILLINOIS	$345.66	$371.33	$357.44	40.1	40.1	38.6	$8.62	$9.26	$9.26
Bloomington—Normal	292.50	347.76	338.52	39.0	41.4	39.5	7.50	8.40	8.57
Champaign—Urbana—Rantoul	289.11	329.73	333.29	38.6	39.3	40.2	7.49	8.39	8.44
Chicago SMSA	310.85	333.59	318.47	39.1	39.2	37.6	7.95	8.51	8.47
Davenport—Rock Island—Moline	439.60	442.73	422.78	43.0	38.7	38.4	10.24	11.44	11.01
Decatur	381.23	446.90	441.83	39.1	39.6	39.1	9.75	11.26	11.30
Kankakee	296.21	292.30	293.09	40.3	37.3	37.1	7.35	7.90	7.90
Peoria	420.79	492.50	479.62	39.4	39.4	38.4	10.69	12.50	12.49
Rockford	332.52	379.32	366.52	40.7	40.7	39.2	8.17	9.32	9.35
Springfield	343.05	411.25	410.80	40.5	40.2	40.0	8.49	10.23	10.27
INDIANA	369.35	384.64	374.60	40.6	39.9	38.5	9.09	9.64	9.73
Gary—Hammond—East Chicago	494.21	498.07	(*)	41.6	38.7	(*)	11.88	12.87	(*)
Indianapolis	364.27	393.57	(*)	40.7	40.7	(*)	8.95	9.67	(*)
IOWA	375.44	399.59	359.27	40.5	39.8	36.4	9.27	10.04	9.87
Cedar Rapids	369.46	408.59	364.79	40.6	40.9	37.3	9.10	9.98	9.78
Des Moines	381.04	420.68	413.70	40.3	39.5	38.7	9.47	10.65	10.69
Dubuque	421.45	438.20	335.25	40.1	39.8	37.8	10.51	11.01	8.94
Sioux City	340.70	295.16	299.41	40.9	37.6	37.9	8.33	7.85	7.90
Waterloo—Cedar Falls	501.43	499.32	450.23	43.9	38.0	34.5	12.26	13.14	13.05
KANSAS	315.75	344.29	345.06	40.9	40.6	40.5	7.72	8.48	8.52
Topeka	322.58	328.10	350.35	39.1	37.2	38.5	8.25	8.82	9.10
Wichita	355.63	389.51	386.88	41.4	42.2	41.6	8.59	9.23	9.30
KENTUCKY	303.20	308.41	307.73	40.0	38.6	37.3	7.58	7.99	8.25
Lexington—Fayette	290.32	317.99	(*)	38.0	39.6	(*)	7.64	8.33	(*)
Louisville	364.18	396.73	(*)	40.6	40.9	(*)	8.97	9.70	(*)
LOUISIANA	341.55	381.92	326.18	41.4	43.4	34.7	8.25	8.80	9.40
Baton Rouge	439.10	461.07	434.33	41.7	42.3	37.9	10.53	10.90	11.46
New Orleans	343.20	363.17	302.58	41.2	41.6	34.9	8.33	8.73	8.67
Shreveport	289.14	344.37	294.00	39.5	43.1	33.6	7.32	7.99	8.75
MAINE	260.58	281.07	276.71	40.4	40.5	39.7	6.45	6.94	6.97
Lewiston—Auburn	205.09	217.74	214.64	37.7	38.0	37.2	5.44	5.73	5.77
Portland	249.64	265.67	265.34	39.4	39.3	38.4	6.26	6.76	6.91
MARYLAND	323.59	346.98	330.33	39.9	40.3	38.1	8.11	8.61	8.67
Baltimore	339.25	367.28	348.81	40.1	40.9	38.5	8.46	8.98	9.06
MASSACHUSETTS	272.92	290.56	(*)	39.9	40.3	(*)	6.84	7.21	(*)
Boston	295.42	314.34	(*)	39.6	40.3	(*)	7.46	7.80	(*)
Brockton	220.00	224.64	(*)	40.0	39.0	(*)	5.50	5.76	(*)
Fall River	(*)	209.16	(*)	(*)	36.9	(*)	(*)	5.81	(*)
Lawrence—Haverhill	285.31	295.60	(*)	40.7	39.1	(*)	7.01	7.56	(*)
Lowell	250.43	272.24	(*)	39.5	41.4	(*)	6.34	6.60	(*)
New Bedford	227.43	235.01	(*)	37.9	36.1	(*)	6.00	6.51	(*)
Springfield—Chicopee—Holyoke	277.16	296.61	(*)	41.0	41.6	(*)	6.76	7.13	(*)
Worcester	274.92	294.78	(*)	39.5	39.2	(*)	6.96	7.52	(*)
MICHIGAN	417.41	437.78	(*)	41.1	40.2	(*)	10.16	10.89	(*)
Ann Arbor	439.73	474.38	(*)	41.5	41.7	(*)	10.60	11.37	(*)
Battle Creek	403.75	454.91	(*)	41.2	41.4	(*)	9.92	10.96	(*)
Bay City	372.89	378.39	(*)	41.4	40.9	(*)	9.01	9.24	(*)
Detroit	446.82	476.68	(*)	41.3	41.2	(*)	10.82	11.57	(*)
Flint	479.91	479.67	(*)	41.8	38.6	(*)	11.48	12.36	(*)
Grand Rapids	349.20	361.48	(*)	40.0	40.0	(*)	8.54	9.02	(*)
Jackson	389.36	393.34	(*)	44.0	41.8	(*)	8.84	9.41	(*)
Kalamazoo—Portage	395.32	397.40	(*)	41.0	39.7	(*)	9.40	10.01	(*)
Lansing—East Lansing	441.71	457.47	(*)	38.5	38.0	(*)	11.47	12.04	(*)
Muskegon—Norton Shores—Muskegon Heights	365.79	384.07	(*)	41.3	40.7	(*)	8.86	9.43	(*)
Saginaw	449.41	499.19	(*)	41.1	39.9	(*)	12.15	12.50	(*)
MINNESOTA	320.36	352.08	346.04	39.6	40.1	39.1	8.09	8.78	8.85
Duluth—Superior	300.29	354.38	350.92	38.4	41.4	40.9	7.82	8.56	8.58
Minneapolis—St. Paul	335.81	372.37	364.95	39.6	40.3	39.2	8.48	9.24	9.31
St. Cloud	237.40	266.08	262.67	36.3	38.4	35.4	6.54	7.31	7.42

See footnotes at end of table

C-12. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas—Continued

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	JAN. 1981	DEC. 1981	JAN. 1982P	JAN. 1981	DEC. 1981	JAN. 1982P	JAN. 1981	DEC. 1981	JAN. 1982P
MISSISSIPPI	$226.39	$241.34	$178.75	39.1	38.9	28.6	$5.79	$6.22	$6.25
Jackson	254.00	271.17	199.12	40.0	40.9	31.2	6.35	6.63	6.35
MISSOURI	391.65	321.93	317.57	39.1	39.5	38.4	7.72	8.15	8.27
Kansas City	349.20	360.99	358.94	40.0	39.8	39.1	8.73	9.07	9.18
St. Joseph	291.53	297.21	297.99	40.1	38.3	37.9	7.27	7.76	7.86
St. Louis	339.78	373.33	361.82	39.1	40.1	39.2	8.69	9.31	9.23
Springfield	286.80	294.49	300.05	40.9	38.8	39.9	7.17	7.59	7.52
MONTANA	369.14	357.76	326.55	41.9	38.1	33.7	8.81	9.39	9.69
NEBRASKA	326.68	326.84	334.54	41.3	40.5	40.6	7.91	8.07	8.24
Lincoln	280.06	319.37	312.51	38.0	38.9	37.7	7.37	8.21	8.30
Omaha	318.00	352.56	341.35	39.8	40.9	39.6	7.99	8.62	8.62
NEVADA	294.89	339.39	322.61	38.1	39.1	37.6	7.74	8.68	8.58
Las Vegas	376.11	(*)	(*)	39.8	(*)	(*)	9.45	(*)	(*)
NEW HAMPSHIRE	(*)	269.07	263.93	(*)	40.1	39.1	(*)	6.71	6.75
Manchester	(*)	249.48	245.94	(*)	39.6	39.1	(*)	6.30	6.29
Nashua	(*)	312.08	293.57	(*)	41.5	39.3	(*)	7.52	7.47
NEW JERSEY	314.98	336.19	329.57	40.8	41.2	39.9	7.72	8.16	8.26
Atlantic City	229.04	247.36	226.08	35.9	36.7	34.1	6.38	6.74	6.63
Camden	323.87	351.10	350.38	41.1	41.6	40.6	7.88	8.44	8.63
Hackensack	282.49	305.12	286.30	41.3	41.4	38.9	6.84	7.37	7.36
Jersey City	308.73	319.60	318.27	41.0	39.9	39.1	7.53	8.01	8.14
New Brunswick—Perth Amboy—Sayreville	373.58	396.03	387.69	42.5	43.0	41.2	8.79	9.21	9.41
Newark	326.72	348.59	341.60	41.2	41.4	40.0	7.93	8.42	8.54
Paterson—Clifton—Passaic	308.90	319.37	301.79	41.7	42.3	42.4	4.22	7.55	7.47
Trenton	316.29	326.70	310.48	39.0	38.8	36.7	8.11	8.42	8.46
NEW MEXICO	247.38	279.86	261.21	39.9	40.5	38.3	6.20	6.91	6.82
Albuquerque	250.92	291.10	261.46	41.0	40.6	34.0	6.12	7.17	7.69
NEW YORK	303.76	322.34	310.90	39.5	39.6	38.1	7.69	8.14	8.16
Albany—Schenectady—Troy	322.80	342.74	330.51	40.0	40.9	39.3	8.07	8.38	8.41
Binghamton	284.69	306.08	296.47	41.2	41.7	40.8	6.91	7.34	7.34
Buffalo	395.20	418.18	382.13	40.0	40.6	37.1	9.88	10.20	10.30
Elmira	296.68	318.35	323.20	40.2	39.4	40.4	7.38	8.08	8.00
Monroe County	433.93	450.84	421.86	42.5	41.9	39.5	10.21	10.76	10.68
Nassau—Suffolk	288.72	315.46	306.54	40.1	40.6	39.0	7.20	7.77	7.86
New York--Northeastern New Jersey	287.56	(*)	(*)	39.5	(*)	(*)	7.28	(*)	(*)
New York and Nassau—Suffolk	260.37	281.53	275.65	37.9	38.2	37.1	6.87	7.37	7.43
New York SMSA	252.89	271.88	266.81	37.3	37.5	36.6	6.78	7.25	7.29
New York City	249.75	267.81	265.36	37.0	37.3	36.4	6.75	7.18	7.29
Poughkeepsie	308.48	342.42	335.38	41.8	43.9	42.4	7.38	7.80	7.91
Rochester	406.81	410.66	395.53	42.2	41.5	39.2	9.64	10.04	10.09
Rockland County	290.50	323.21	309.24	40.8	40.3	38.8	7.12	8.02	7.97
Syracuse	339.46	361.27	346.42	41.6	41.1	39.5	8.16	8.79	8.77
Utica—Rome	280.10	305.88	306.11	39.9	40.3	39.6	7.02	7.59	7.73
Westchester County	275.32	296.06	263.30	39.5	38.6	37.4	6.97	7.67	7.04
NORTH CAROLINA	223.68	238.70	193.98	38.9	38.5	30.5	5.75	6.20	6.36
Asheville	218.40	234.00	199.70	39.0	39.0	33.9	5.60	6.00	6.07
Charlotte—Gastonia	232.18	241.30	184.44	40.1	39.3	29.0	5.79	6.14	6.36
Greensboro—Winston-Salem—High Point	249.85	261.12	215.68	39.1	38.4	30.9	6.39	6.80	6.98
Raleigh—Durham	256.11	287.43	236.94	39.1	40.2	30.6	6.55	7.15	7.74
NORTH DAKOTA	260.60	286.21	273.70	38.1	39.1	37.7	6.84	7.32	7.26
Fargo—Moorhead	278.55	307.28	285.22	36.7	39.7	38.7	7.59	7.74	7.37
OHIO	376.89	398.21	390.46	41.1	40.8	39.6	9.17	9.76	9.86
Akron	385.98	411.70	394.79	42.0	42.4	40.7	9.19	9.71	9.70
Canton	368.32	405.62	395.79	39.7	40.2	39.5	9.27	10.09	10.02
Cincinnati	355.28	374.83	367.72	41.7	41.1	40.1	8.52	9.12	9.17
Cleveland	381.51	395.76	389.27	41.2	40.8	39.6	9.26	9.70	9.83
Columbus	331.63	362.39	353.92	40.1	40.4	39.5	8.27	8.97	8.96
Dayton	388.64	412.23	398.33	41.7	41.1	39.8	9.32	10.03	10.00
Toledo	388.82	429.52	419.20	40.8	41.3	40.0	9.53	10.40	10.48
Youngstown—Warren	470.61	451.61	456.39	41.5	39.1	39.5	11.34	11.55	11.63

See footnotes at end of table.

C-12. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas—Continued

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	JAN. 1981	DEC. 1981	JAN. 1982P	JAN. 1981	DEC. 1981	JAN. 1982P	JAN. 1981	DEC. 1981	JAN. 1982P
OKLAHOMA	$315.17	$344.97	$336.40	41.2	40.3	38.8	$7.84	$8.56	$8.67
Oklahoma City	323.21	352.23	351.30	40.1	39.8	39.0	8.06	8.85	9.01
Tulsa	334.92	375.50	363.92	43.4	41.4	39.6	8.29	9.07	9.19
OREGON	342.00	358.56	(*)	37.5	36.7	(*)	9.12	9.77	(*)
Eugene—Springfield	375.65	377.94	(*)	39.5	39.7	(*)	9.51	9.52	(*)
Jackson County	323.76	(*)	(*)	36.5	(*)	(*)	8.87	(*)	(*)
Portland	336.87	375.29	(*)	37.1	38.1	(*)	9.08	9.85	(*)
Salem	332.33	329.57	(*)	36.6	35.4	(*)	9.08	9.31	(*)
PENNSYLVANIA	317.52	332.67	326.14	39.2	39.3	38.1	8.10	8.53	8.56
Allentown—Bethlehem—Easton	321.98	346.24	348.00	38.7	38.6	38.2	8.32	8.97	9.11
Altoona	269.37	274.90	277.40	38.1	37.3	38.0	7.07	7.37	7.33
Delaware Valley	323.16	345.14	329.84	39.7	39.9	38.0	8.14	8.65	8.68
Erie	336.20	367.42	348.10	43.9	41.8	39.2	8.22	8.79	8.88
Harrisburg	309.14	319.80	321.14	41.0	39.0	39.5	7.54	8.20	8.13
Johnstown	313.66	309.88	300.67	36.6	35.7	34.8	8.57	8.68	8.64
Lancaster	278.40	286.14	286.98	40.0	38.0	37.5	6.96	7.53	7.65
Northeast Pennsylvania	223.46	251.66	244.35	36.1	37.9	36.8	6.19	6.64	6.64
Philadelphia SMSA	321.99	346.52	333.03	39.9	40.2	38.5	8.07	8.62	8.65
Pittsburgh	396.77	412.91	421.37	40.2	39.4	40.4	9.87	10.49	10.43
Reading	302.00	320.76	310.73	40.3	39.6	38.5	7.55	8.10	8.07
Scranton	224.72	255.82	(*)	36.9	39.6	(*)	6.00	6.46	(*)
Wilkes Barre—Hazleton	220.98	232.76	(*)	35.3	35.7	(*)	6.26	6.52	(*)
Williamsport	300.60	327.64	317.85	39.5	40.4	39.0	7.61	8.11	8.15
York	287.68	315.46	313.56	39.7	43.6	43.2	7.37	7.77	7.83
RHODE ISLAND	233.05	238.26	241.92	38.5	38.0	37.6	5.90	6.27	6.41
Providence—Warwick—Pawtucket	232.45	236.36	239.89	39.6	38.0	37.6	5.87	6.22	6.38
SOUTH CAROLINA	240.35	258.73	210.24	40.6	40.3	32.0	5.92	6.42	6.57
Charleston—North Charleston	273.78	284.72	274.86	40.5	39.6	37.6	6.76	7.19	7.31
Columbia	232.43	252.53	230.26	39.8	40.5	32.2	5.84	6.22	6.23
Greenville—Spartanburg	231.67	254.52	184.25	39.4	40.4	29.2	5.88	6.30	6.31
SOUTH DAKOTA	299.38	311.54	311.32	43.2	42.1	41.9	6.93	7.40	7.43
Rapid City	258.25	(*)	(*)	37.7	(*)	(*)	6.85	(*)	(*)
Sioux Falls	442.76	464.58	476.72	50.2	46.8	52.1	8.82	9.52	9.15
TENNESSEE	257.51	274.22	(*)	39.8	39.8	(*)	6.47	6.89	(*)
Chattanooga	261.29	277.38	(*)	40.7	41.9	(*)	6.42	6.62	(*)
Knoxville	298.08	304.15	(*)	40.5	39.5	(*)	7.36	7.70	(*)
Memphis	300.51	325.28	(*)	43.5	41.7	(*)	7.42	7.80	(*)
Nashville—Davidson	277.49	314.93	(*)	40.1	40.9	(*)	6.92	7.70	(*)
TEXAS	314.77	344.45	315.55	41.2	41.6	37.7	7.64	8.28	8.37
Abilene	209.16	229.15	(*)	42.3	42.2	(*)	4.96	5.43	(*)
Amarillo	309.58	319.39	(*)	42.7	41.0	(*)	7.25	7.79	(*)
Austin	245.74	267.12	(*)	41.3	42.0	(*)	5.95	6.36	(*)
Beaumont—Port Arthur—Orange	448.58	465.21	(*)	42.6	42.1	(*)	10.53	11.05	(*)
Corpus Christi	331.93	347.94	(*)	42.5	40.6	(*)	7.81	8.57	(*)
Dallas—Fort Worth	293.35	330.03	326.71	42.8	41.1	38.1	7.19	8.03	8.35
El Paso	209.75	258.83	(*)	39.6	49.3	(*)	5.12	5.25	(*)
Galveston—Texas City	466.57	487.47	(*)	42.3	41.7	(*)	11.03	11.69	(*)
Houston	405.15	445.21	444.71	43.8	44.7	43.9	9.25	9.96	10.13
Longview—Marshall	312.83	331.29	(*)	41.0	43.5	(*)	7.63	8.18	(*)
Lubbock	244.61	270.58	(*)	40.7	41.5	(*)	6.01	6.52	(*)
San Angelo	212.22	233.38	(*)	43.5	43.1	(*)	5.24	5.82	(*)
San Antonio	231.29	249.64	246.62	41.9	41.4	40.1	5.52	6.03	6.15
Sherman—Denison	272.34	300.25	(*)	39.7	39.3	(*)	6.86	7.64	(*)
Waco	253.51	289.76	(*)	39.7	42.3	(*)	6.31	6.85	(*)
Wichita Falls	287.04	315.12	(*)	41.6	41.3	(*)	6.90	7.63	(*)
UTAH	287.54	321.59	317.46	38.7	40.3	39.0	7.43	7.98	8.14
Salt Lake City—Ogden	280.28	315.06	315.22	39.2	40.6	39.7	7.15	7.78	7.94
VERMONT	266.34	281.06	282.30	40.6	39.2	39.1	6.56	7.17	7.22
Burlington	288.81	314.64	321.51	42.1	41.4	41.7	6.86	7.60	7.71
Springfield	303.42	317.99	311.12	42.2	40.1	40.3	7.19	7.93	7.72

See footnotes at end of table.

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS

C-12. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas—Continued

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	JAN. 1981	DEC. 1981	JAN. 1982[p]	JAN. 1981	DEC. 1981	JAN. 1982[p]	JAN. 1981	DEC. 1981	JAN. 1982[p]
VIRGINIA[1]	$260.73	$283.14	$254.16	39.5	39.6	35.3	$6.60	$7.15	$7.20
Bristol[1]	220.17	231.72	210.74	37.7	38.3	34.1	5.84	6.05	6.18
Lynchburg[1]	264.14	280.30	242.79	40.7	40.0	34.1	6.49	7.00	7.12
Norfolk—Virginia Beach—Portsmouth[1]	287.82	321.48	275.21	41.0	42.3	37.7	7.02	7.60	7.30
Northern Virginia[1, 10]	289.26	302.40	280.02	40.4	40.0	36.7	7.16	7.56	7.63
Petersburgh—Colonial Heights—Hopewell[1]	313.47	343.42	337.59	40.5	38.5	36.3	7.74	8.92	9.20
Richmond[1]	343.40	374.83	292.05	40.4	41.1	33.0	8.50	9.12	8.85
Roanoke[1]	243.72	263.59	224.70	39.5	39.4	32.1	6.17	6.69	7.00
WASHINGTON[1]	(*)	428.15	426.27	(*)	39.1	39.3	(*)	10.95	10.93
Seattle—Everett	401.80	(*)	(*)	39.2	(*)	(*)	10.25	(*)	(*)
Spokane	349.33	(*)	(*)	38.3	(*)	(*)	9.12	(*)	(*)
Tacoma	380.16	457.47	(*)	38.4	41.4	(*)	9.90	11.05	(*)
WEST VIRGINIA[1]	339.95	355.39	356.33	39.9	39.4	39.2	8.52	9.02	9.09
Charleston[1]	379.47	421.31	453.17	41.7	42.3	43.7	9.10	9.96	10.37
Huntington—Ashland[1]	402.38	402.38	370.53	42.4	42.4	39.0	9.49	9.49	9.50
Parkersburg—Marietta[1]	365.62	400.98	387.87	41.5	41.0	40.7	8.81	9.78	9.53
Wheeling[1]	377.26	432.28	406.55	38.3	40.1	38.5	9.85	10.78	10.57
WISCONSIN[1]	345.51	372.90	360.11	40.3	40.4	39.0	8.57	9.23	9.24
Appleton—Oshkosh[1]	342.06	368.24	365.93	41.6	42.1	41.3	8.21	8.75	8.86
Eau Claire[1]	334.23	346.81	350.97	40.8	40.8	40.5	8.19	8.50	8.66
Green Bay[1]	350.13	398.15	396.52	40.8	42.0	42.1	8.59	9.48	9.41
Janesville—Beloit[1]	366.29	375.68	339.81	39.8	40.5	39.0	9.21	9.28	8.72
Kenosha[1]	386.72	434.64	376.19	39.9	39.6	35.1	9.69	10.99	10.73
La Crosse[1]	298.29	328.94	324.24	40.0	39.3	39.0	7.47	8.37	8.32
Madison[1]	331.98	346.76	358.17	39.5	38.6	38.2	8.42	9.00	9.38
Milwaukee[1]	382.23	413.34	400.79	40.6	40.7	39.2	9.41	10.16	10.22
Racine[1]	363.35	388.45	363.23	40.2	39.6	(*)	(*)	(*)	(*)
WYOMING[1]	302.98	329.27	291.96	40.4	40.6	38.1	7.50	8.11	7.66
VIRGIN ISLAND	353.32	397.59	(*)	44.0	45.2	(*)	8.03	8.14	(*)

[1] Revised to 1981 benchmark; not strictly comparable with previously published data.
[2] Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.
[3] Subarea of New York—Northeastern New Jersey.
[4] Subarea of Rochester Standard Metropolitan Statistical Area.
[5] Area included in New York and Nassau-Suffolk combined SMSA's.
[6] Subarea of New York Standard Metropolitan Statistical Area.
[7] Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pennsylvania.
[8] Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Lackawanna County.
[9] Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Luzerne County.
[10] Subarea of Washington, D.C. Standard Metropolitan Statistical Area: Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park cities and Arlington, Fairfax, Loudoun, and Prince William Counties, Virginia.
p = preliminary.
*Not available.

SOURCE: Cooperating State agencies listed on inside back cover.

D-1. Labor turnover rates in manufacturing, 1971 to date

(Per 100 employees)

Year	Annual average	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total accessions													
1971	3.9	3.5	3.1	3.5	3.6	4.0	4.9	4.0	5.3	4.8	3.9	3.3	2.5
1972	4.5	4.1	3.7	4.0	4.1	4.9	5.4	4.7	6.1	5.4	4.8	3.7	2.7
1973	4.8	4.7	4.1	4.5	4.6	5.4	5.9	5.2	6.3	5.8	5.2	3.8	2.6
1974	4.2	4.2	3.7	4.1	4.5	5.1	5.4	4.9	5.5	4.9	3.8	2.4	1.8
1975	3.7	2.9	2.7	3.2	3.7	4.0	4.5	4.6	5.2	4.6	3.7	2.8	2.2
1976	3.9	3.9	3.5	4.2	3.9	4.5	4.8	4.2	5.1	4.4	3.5	2.9	2.2
1977	4.0	3.7	3.7	4.0	3.8	4.6	4.9	4.3	5.3	4.6	3.9	3.1	2.4
1978	4.1	3.8	3.2	3.8	4.0	4.7	4.9	4.4	5.4	4.9	4.3	3.3	2.4
1979	4.0	4.0	3.4	3.8	3.9	4.7	4.8	4.3	5.0	4.5	4.1	3.0	2.2
1980	3.5	3.8	3.3	3.5	3.1	3.4	3.9	3.8	4.5	4.3	3.6	2.7	2.2
1981	3.2	3.4	3.0	3.4	3.3	3.5	4.0	3.6	4.0	3.5	2.8	2.4	1.7
New hires													
1971	2.6	2.0	1.9	2.2	2.3	2.7	3.5	2.7	3.4	3.4	2.7	2.2	1.6
1972	3.3	2.6	2.5	2.8	2.9	3.7	4.2	3.5	4.5	4.3	3.9	2.9	2.1
1973	3.9	3.5	3.2	3.5	3.7	4.5	5.0	4.1	5.1	4.8	4.4	3.1	2.0
1974	3.2	3.2	2.8	3.1	3.3	4.0	4.3	3.7	4.2	3.9	2.9	1.7	1.0
1975	2.0	1.3	1.2	1.3	1.6	2.0	2.5	2.6	3.1	3.1	2.5	1.8	1.3
1976	2.6	2.1	2.1	2.7	2.6	3.1	3.6	2.9	3.6	3.2	2.5	1.9	1.3
1977	2.8	2.2	2.1	2.6	2.7	3.5	3.7	3.0	4.0	3.5	3.0	2.2	1.6
1978	3.1	2.5	2.2	2.7	2.9	3.6	3.9	3.3	4.2	3.9	3.5	2.6	1.7
1979	2.9	2.8	2.5	2.8	2.9	3.6	3.8	3.1	3.7	3.4	3.1	2.2	1.5
1980	2.1	2.4	2.2	2.3	2.0	2.1	2.4	2.1	2.5	2.6	2.2	1.6	1.2
1981	2.0	1.8	1.8	2.0	2.0	2.3	2.8	2.4	2.7	2.3	1.8	1.3	.9
Recalls													
1976	1.0	1.4	1.0	1.2	1.0	1.0	0.9	1.1	1.1	0.8	0.7	0.7	0.7
1977	.9	1.2	1.3	1.1	.9	.8	.8	.9	1.0	.8	.6	.6	.6
1978	.7	1.0	.7	.8	.8	.8	.7	.8	.9	.7	.6	.5	.5
1979	.7	.9	.7	.7	.7	.8	.7	.9	.9	.8	.7	.6	.5
1980	1.1	1.1	.9	.9	.8	1.0	1.2	1.5	1.7	1.4	1.1	.9	.8
1981	1.0	1.3	1.0	1.1	1.1	1.0	.9	1.0	1.0	.9	.8	.9	.7
Total separations													
1971	4.2	4.2	3.5	3.7	3.9	3.7	3.8	4.8	5.5	5.3	4.3	3.7	3.8
1972	4.3	4.1	3.5	3.9	3.8	3.9	4.2	4.8	5.5	5.5	4.4	3.8	3.7
1973	4.7	4.3	3.8	4.3	4.2	4.4	4.5	5.2	6.5	5.8	5.0	4.2	4.0
1974	4.9	5.0	4.1	4.4	4.3	4.4	4.2	4.9	6.2	5.5	5.1	5.0	5.2
1975	4.2	6.1	4.5	4.2	4.0	3.9	3.7	4.4	4.7	4.4	4.1	3.5	3.4
1976	3.8	3.7	3.0	3.5	3.6	3.4	3.6	4.3	4.9	4.7	4.1	3.4	3.3
1977	3.8	3.9	3.4	3.4	3.4	3.5	3.6	4.3	5.1	4.9	3.8	3.4	3.4
1978	3.9	3.6	3.1	3.5	3.6	3.7	3.8	4.1	5.3	4.9	4.1	3.5	3.4
1979	3.9	3.8	3.2	3.6	3.7	3.8	3.9	4.3	5.7	4.7	4.2	3.8	3.5
1980	4.0	4.1	3.5	3.7	4.7	4.8	4.4	4.2	4.8	4.1	3.8	3.0	3.1
1981	3.6	3.6	3.1	3.2	3.1	3.1	3.3	3.6	4.4	4.1	4.2	4.1	4.1
Quits													
1971	1.8	1.5	1.3	1.5	1.6	1.7	1.8	1.8	2.8	2.9	2.0	1.5	1.2
1972	2.3	1.7	1.6	1.9	2.0	2.2	2.2	2.2	3.6	3.5	2.5	2.0	1.6
1973	2.8	2.3	2.1	2.5	2.5	2.8	2.8	2.8	4.6	4.0	3.1	2.3	1.6
1974	2.4	2.2	2.0	2.3	2.4	2.7	2.5	2.6	4.0	3.3	2.2	1.6	1.0
1975	1.4	1.1	.9	1.0	1.1	1.3	1.4	1.5	2.5	2.1	1.6	1.2	.9
1976	1.7	1.3	1.2	1.6	1.7	1.7	1.8	1.9	2.8	2.5	1.7	1.2	1.0
1977	1.8	1.4	1.3	1.6	1.7	1.9	1.9	1.9	3.1	2.8	1.9	1.5	1.2
1978	2.1	1.5	1.4	1.8	2.0	2.1	2.2	2.1	3.5	3.1	2.3	1.7	1.3
1979	2.0	1.8	1.6	1.9	2.0	2.1	2.1	2.0	3.3	2.7	2.1	1.6	1.1
1980	1.5	1.6	1.5	1.6	1.5	1.5	1.4	1.4	2.2	1.9	1.4	1.1	.9
1981	1.3	1.2	1.1	1.2	1.3	1.3	1.4	1.5	2.1	1.8	1.3	.9	.7
Layoffs													
1971	1.6	1.9	1.4	1.4	1.4	1.2	1.2	2.1	1.8	1.5	1.5	1.5	1.8
1972	1.1	1.5	1.1	1.1	1.0	.9	1.1	1.7	.9	.9	1.0	1.0	1.3
1973	.9	1.1	.8	.8	.7	.7	.7	1.4	.8	.8	.8	1.1	1.6
1974	1.5	1.8	1.3	1.1	.9	.8	.8	1.4	1.1	1.2	1.8	2.8	3.6
1975	2.1	4.0	2.9	2.5	2.1	1.8	1.6	2.0	1.3	1.5	1.6	1.7	1.9
1976	1.3	1.6	1.0	1.1	1.1	.9	.9	1.6	1.1	1.3	1.5	1.5	1.9
1977	1.1	1.7	1.4	1.0	.9	.8	.8	1.5	1.0	1.1	1.1	1.1	1.5
1978	.9	1.2	.9	.9	.8	.7	.7	1.1	.8	.8	.9	1.0	1.4
1979	1.1	1.1	.8	.8	.9	.7	.9	1.4	1.3	1.1	1.2	1.5	1.7
1980	1.7	1.6	1.2	1.3	2.3	2.5	2.2	2.0	1.7	1.4	1.5	1.4	1.6
1981	1.6	1.6	1.2	1.2	1.0	1.0	1.1	1.3	1.3	1.5	2.2	2.6	2.8

p = preliminary

NOTE: This table will be discontinued with this issue. See page 6 in this issue.

ESTABLISHMENT DATA
LABOR TURNOVER

D-2. Labor turnover rates, by industry

(Per 100 employees)

1972 SIC Code	Industry	Accession rates						Separation rates					
		Total		New hires		Recalls		Total		Quits		Layoffs	
		AVG. 1981	DEC. 1981	AVG. 1981	DEC. 1981	AVG. 1981	DEC. 1981	AVG. 1981	DEC. 1981	AVG. 1981	DEC. 1981	AVG. 1981	DEC. 1981
	MANUFACTURING	3.2	1.7	2.0	0.9	1.0	0.7	3.6	4.1	1.3	0.7	1.6	2.8
24, 25, 32, 39	DURABLE GOODS	2.9	1.5	1.7	.7	.9	.6	3.4	4.2	1.1	.6	1.6	3.1
20-23, 26-31	NONDURABLE GOODS	3.8	2.0	2.5	1.1	1.1	.7	4.0	4.0	1.7	.9	1.6	2.5
	DURABLE GOODS												
24	LUMBER AND WOOD PRODUCTS	4.4	2.7	2.7	.9	1.5	1.6	5.7	6.3	2.1	1.0	2.7	4.5
242	Sawmills and planing mills	3.9	2.6	2.3	1.1	1.5	1.3	5.5	6.2	1.8	1.0	2.8	4.3
2421	Sawmills and planing mills, general	4.7	2.4	2.0	1.0	1.5	1.1	5.3	5.5	1.6	.9	2.9	3.6
243	Millwork, plywood, and structural members	3.9	2.6	2.5	.9	1.2	1.6	5.3	4.8	1.9	.8	2.6	3.3
2431	Millwork	3.4	1.8	2.3	.7	1.1	1.1	5.3	6.7	1.7	.7	2.8	5.1
244	Wood containers	5.3	2.7	3.8	1.2	1.3	1.2	6.4	7.5	3.0	1.7	2.5	5.2
245	Wood buildings and mobile homes	7.1	2.3	5.3	1.2	1.5	1.1	8.7	8.8	4.3	2.0	3.0	6.0
2451	Mobile homes	8.4	2.2	6.7	1.4	1.7	.8	9.6	8.0	5.2	2.5	2.7	4.6
249	Miscellaneous wood products	3.9	1.8	2.8	.7	.9	1.0	4.4	4.9	1.9	.9	1.5	3.4
25	FURNITURE AND FIXTURES	3.7	1.8	2.7	.9	.8	.8	4.1	4.0	1.9	.9	1.4	2.5
251	Household furniture	3.8	2.0	2.8	.9	.8	1.0	4.5	4.3	2.1	.9	1.4	2.8
2511	Wood household furniture	3.8	2.0	3.0	.9	.7	1.0	4.5	4.7	2.3	1.0	1.3	3.0
2512	Upholstered household furniture	3.3	1.1	2.4	.8	.6	.2	3.7	2.7	2.0	.8	.8	1.3
2515	Mattresses and bedsprings	3.3	3.6	2.5	.7	.7	.9	4.1	3.9	1.6	1.0	1.5	2.2
252	Office furniture	2.5	1.0	1.9	.8	.4	.2	2.4	1.8	1.2	.5	.6	1.0
254	Partitions and fixtures	4.3	1.4	3.0	.9	1.1	.4	4.7	4.9	1.8	1.1	2.1	3.3
32	STONE, CLAY, AND GLASS PRODUCTS	3.4	1.5	1.8	.6	1.4	.7	4.1	6.5	1.1	.6	2.2	5.3
322	Glass and glassware, pressed or blown	2.9	1.0	1.1	.3	1.4	.5	3.5	4.2	.7	.3	1.8	3.4
3221	Glass containers	2.7	.7	1.3	.2	1.2	.3	3.4	3.0	.8	.2	1.8	2.4
3229	Pressed and blown glass, nec	3.0	1.5	1.0	.3	.6	.7	3.6	5.7	.6	.3	1.9	4.6
323	Products of purchased glass	3.1	1.3	1.6	.7	1.2	.4	4.0	9.9	.9	.5	2.2	9.0
324	Cement, hydraulic	2.0	.4	.7	.2	1.2	.1	3.1	8.0	.4	.1	2.1	7.3
325	Structural clay products	4.5	2.0	2.3	.7	2.0	1.1	5.4	7.9	1.8	1.0	3.1	6.2
326	Pottery and related products	3.0	2.3	1.6	.5	1.2	1.7	3.7	6.2	1.2	.6	1.7	4.9
327	Concrete, gypsum, and plaster products	4.5	2.0	2.8	1.1	1.6	.7	5.2	8.4	1.7	1.0	2.7	6.7
329	Misc. nonmetallic mineral products	2.6	1.3	1.3	.5	1.1	.6	3.1	3.7	.8	.4	1.6	2.7
33	PRIMARY METAL INDUSTRIES	2.6	1.8	.9	.3	1.4	1.4	3.4	5.3	.6	.3	2.1	4.7
331	Blast furnaces and basic steel products	2.7	2.5	.6	.1	1.9	2.1	3.7	6.9	.3	.1	2.5	6.3
3312	Blast furnaces and steel mills	2.8	2.6	.6	.1	2.1	2.4	3.8	7.2	.2	.1	2.6	6.6
332	Iron and steel foundries	2.8	1.3	1.3	.4	1.3	.8	3.8	5.4	.9	.6	2.1	4.3
3321	Gray iron foundries	2.7	1.5	1.3	.4	1.1	.9	3.8	5.5	1.0	.6	2.1	4.5
3325	Steel foundries, nec	3.3	1.3	1.5	.5	1.5	.5	4.0	5.1	.9	.6	2.1	4.0
333	Primary nonferrous metals	2.0	1.1	1.0	.3	.8	.7	2.5	4.0	.5	.2	1.3	3.3
335	Nonferrous rolling and drawing	2.1	.3	1.1	.1	.7	.2	2.4	3.2	.6	.3	1.1	2.4
3351	Copper rolling and drawing	1.5	.8	.5	.1	.9	.7	2.2	4.0	.3	.1	1.5	4.7
3353	Aluminum sheet, plate, and foil	2.0	1.6	1.0	.5	.8	.9	2.4	3.0	.5	.2	1.2	2.5
3357	Nonferrous wiredrawing and insulating	1.3	1.9	1.8	.5	.3	1.0	4.1	4.2	1.1	.4	2.2	3.3
336	Nonferrous foundries	3.6	1.9	1.7	.6	1.6	1.0	4.8	5.6	1.0	.3	2.7	4.8
3363	Aluminum foundries												
34	FABRICATED METAL PRODUCTS	3.2	1.5	1.9	.7	1.0	.6	3.8	4.4	1.2	.6	1.9	3.2
341	Metal cans and shipping containers	3.9	3.1	.9	.3	2.7	2.7	5.2	9.6	.6	.3	3.6	8.4
3411	Metal cans	4.1	3.7	.7	.3	3.0	3.2	5.6	11.2	.5	.2	4.1	9.9
342	Cutlery, hand tools, and hardware	2.8	1.5	1.5	.5	.9	.7	3.5	3.9	1.0	.5	1.9	2.9
3423, 5	Hand and edge tools, and hand saws and blades	2.3	1.2	1.4	.5	.5	.6	3.0	3.9	.9	.4	1.5	3.1
3429	Hardware, nec	3.1	1.7	1.4	.4	.9	.7	3.9	5.1	1.0	.5	2.2	4.1
343	Plumbing and heating, except electric	2.9	1.5	1.6	.5	1.0	.4	3.6	3.7	1.1	.5	1.9	2.7
344	Fabricated structural metal products	3.9	1.8	2.3	1.0	.9	.5	4.0	3.9	1.5	.8	1.7	2.3
3441	Fabricated structural metal	4.0	2.2	2.7	1.4	1.2	.8	4.7	4.9	1.6	1.0	2.0	3.1
3442	Metal doors, sash, and trim	4.0	1.1	2.8	.7	1.1	.1	3.0	1.8	1.9	.9	2.2	2.1
3443	Fabricated plate work (boiler shops)	2.1	1.3	1.5	.7	.5	.3	2.7	2.4	1.0	.5	1.1	1.3
3444	Sheet metal work	3.7	1.9	2.6	1.1	1.0	.6	4.3	3.5	1.6	1.2	1.9	1.7
345	Screw machine products, bolts, etc.	2.5	1.7	1.7	.6	.7	.5	3.3	4.2	1.3	.6	1.4	3.1
3451	Screw machine products	2.9	1.3	2.1	.7	.7	.3	3.6	3.2	1.6	.8	1.4	1.9
3452	Bolts, nuts, rivets, and washers	2.3	1.1	1.3	.5	.6	.6	3.1	3.2	1.0	.5	1.3	2.1
346	Metal forgings and stampings	3.4	1.4	1.4	.5	1.5	.6	4.2	5.2	.9	.4	2.6	4.4
3462	Iron and steel forgings	2.5	1.1	1.2	.4	1.1	.4	3.1	4.3	.7	.3	1.6	3.6
3465	Automotive stampings	4.1	1.4	.7	.3	2.3	.7	5.9	8.2	.7	.3	4.6	7.6
3469	Metal stampings, nec	4.1	1.5	2.1	.8	.9	.5	5.5	6.7	1.3	.6	1.5	3.5
347	Metal services, nec	4.1	1.6	3.0	.8	1.0	.5	5.0	6.7	1.9	1.0	2.1	5.1
348	Ordnance and accessories, nec	1.9	.7	1.1	.5	.5	.2	1.8	1.2	.6	.3	.7	.4
349	Misc. fabricated metal products	3.9	1.1	1.9	.5	.9	.4	3.7	3.6	1.1	.5	1.4	2.7
3494	Valves and pipe fittings	2.3	.9	1.3	.4	.7	.3	2.3	2.2	.8	.4	.9	1.3
3496	Misc. fabricated wire products	4.1	1.2	2.3	.7	1.3	.3	4.5	5.6	1.5	.5	2.2	4.7

See footnotes at end of table.

D-2. Labor turnover rates, by industry—Continued

(Per 100 employees)

1972 SIC Code	Industry	Accession rates						Separation rates					
		Total		New hires		Recalls		Total		Quits		Layoffs	
		AVG. 1981	DEC. 1981	AVG. 1981	DEC. 1981	AVG. 1981	DEC. 1981	AVG. 1981	DEC. 1981	AVG. 1981	DEC. 1981	AVG. 1981	DEC. 1981
35	MACHINERY, EXCEPT ELECTRICAL	2.3	1.3	1.5	0.7	0.6	0.4	2.6	2.5	0.9	0.5	1.1	1.3
351	Engines and turbines	2.7	1.1	.7	.2	1.4	.6	2.6	2.7	.4	.2	1.3	2.0
3511	Turbines and turbine generator sets	1.5	.7	.7	.4	.1	.2	1.6	.7	.3	.1	.4	.3
3519	Internal combustion engines, nec	3.3	1.3	.7	.1	2.0	.8	3.0	3.6	.4	.2	1.7	2.7
352	Farm and garden machinery	2.5	1.9	.9	.4	1.3	1.2	3.5	3.2	.7	.3	2.0	2.3
3523	Farm machinery and equipment	2.3	1.5	.9	.4	1.1	1.0	3.4	3.2	.7	.3	2.0	2.3
353	Construction and related machinery	2.3	1.2	1.7	.8	.5	.2	2.3	1.9	.9	.4	.8	1.0
3531	Construction machinery	1.6	.7	.8	.3	.7	.3	1.9	2.4	.4	.2	1.0	1.8
3533	Oil field machinery	3.5	2.1	3.3	1.8	.1	.1	2.3	1.4	1.5	.8	.1	.1
354	Metalworking machinery	2.0	.9	1.3	.5	.5	.3	2.6	2.5	.9	.4	1.1	1.5
3541	Machine tools, metal cutting types	1.0	.3	.8	.3	.1	.1	1.6	1.6	.6	.3	.6	.8
3544	Special dies, tools, jigs, and fixtures	2.8	1.5	1.9	.6	.6	.5	3.1	2.7	1.2	.5	1.1	1.5
3545	Machine tool accessories	1.7	.9	1.1	.6	.4	.2	2.3	2.0	.8	.4	.8	1.0
355	Special industry machinery	1.0	.8	1.3	.6	.4	.1	2.3	2.2	.8	.5	1.0	1.2
3551	Food products machinery	1.8	.8	1.2	.5	.5	.2	2.5	2.1	.8	.7	1.2	1.0
3552	Textile machinery	2.1	1.0	1.4	.6	.6	.3	2.9	3.1	1.0	.4	1.4	2.1
356	General industrial machinery	2.1	1.0	1.2	.5	.6	.4	2.3	2.4	.8	.4	1.0	1.4
3561	Pumps and pumping equipment	1.9	.9	1.3	.7	.4	.2	1.9	1.2	.8	.4	.5	.3
3562	Ball and roller bearings	1.7	.9	.8	.3	.5	.4	2.3	3.7	.5	.2	1.2	3.0
3564	Blowers and fans	2.4	1.0	1.7	.4	.5	.5	2.9	2.1	1.1	.6	1.2	1.0
357	Office and computing machines	2.4	1.7	1.9	1.2	.2	.2	2.0	2.1	.9	.6	.3	1.1
3573	Electronic computing equipment	2.5	1.7	2.1	1.3	.2	.2	1.8	1.2	.9	.5	.2	.2
358	Refrigeration and service machinery	2.6	1.2	1.5	.6	.8	.5	3.2	2.6	.8	.3	1.5	1.7
3585	Refrigeration and heating equipment	2.4	1.3	1.3	.4	.7	.5	3.2	2.9	.7	.3	1.5	1.9
359	Misc. machinery, except electrical	3.1	1.6	2.1	1.0	.6	.5	3.5	3.3	1.3	.7	1.4	2.0
36	ELECTRIC AND ELECTRONIC EQUIPMENT	2.6	1.5	1.6	.7	.6	.4	2.9	3.3	1.0	.5	1.1	2.0
361	Electric distributing equipment	2.6	1.2	1.7	.7	.5	.3	2.9	3.7	1.0	.5	.9	2.6
3612	Transformers	2.9	1.4	1.7	.8	.6	.4	3.0	3.8	1.1	.6	.8	2.6
3613	Switchgear and switchboard apparatus	2.4	1.1	1.7	.5	.4	.3	2.8	3.5	1.0	.4	.9	2.7
362	Electrical industrial apparatus	2.2	1.0	1.3	.4	.6	.2	2.5	2.2	.8	.4	.9	1.1
3621	Motors and generators	2.5	1.0	1.4	.4	.7	.3	2.8	2.6	.8	.3	1.2	1.6
3622	Industrial controls	2.0	1.1	1.2	.5	.4	.2	2.2	1.5	.8	.5	.7	.3
363	Household appliances	4.0	3.0	1.3	.3	1.9	1.9	5.7	13.2	.8	.4	3.4	11.5
3632	Household refrigerators and freezers	7.7	4.0	1.3	(1)	4.9	2.3	9.9	23.2	.6	.2	7.1	21.7
3633	Household laundry equipment	2.3	2.2	.8	.1	.8	1.3	4.7	12.0	.3	.2	3.4	10.8
3634	Electric housewares and fans	3.7	2.7	1.8	.4	1.3	1.9	4.3	5.6	1.4	.7	1.8	3.8
364	Electric lighting and wiring equipment	2.6	1.7	1.7	.7	.7	.9	3.3	4.4	1.1	.5	1.6	3.5
3641	Electric lamps	1.8	.8	.7	.3	.6	.2	2.4	3.9	.5	.2	1.1	3.2
3643	Current-carrying wiring devices	2.4	1.3	1.7	.7	.4	.4	2.6	3.3	1.0	.5	.8	2.2
365	Radio and TV receiving equipment	3.5	2.3	1.4	.6	1.0	.8	4.4	4.3	1.0	.5	2.1	2.7
3651	Radio and TV receiving sets	3.1	1.3	1.3	.5	.5	.3	4.2	4.2	.9	.4	1.8	2.4
366	Communication equipment	1.8	1.3	1.3	.7	.2	.1	1.8	1.4	.8	.4	.3	.2
3661	Telephone and telegraph apparatus	.8	.4	.5	.3	.2	(1)	1.4	1.1	.4	.4	.5	.4
3662	Radio and TV communication equipment	2.2	1.6	1.6	.9	.2	.1	1.9	1.5	.9	.4	.3	.3
367	Electronic components and accessories	2.8	1.5	2.2	1.1	.4	.2	2.9	2.3	1.4	.8	.7	.8
3671,3	Electronic tubes	1.9	1.0	1.0	.4	.4	.2	2.7	2.7	.8	.6	1.1	1.4
3674	Semiconductors and related devices	1.9	1.1	1.6	.7	.2	.2	2.2	1.9	1.1	.7	.4	.6
3679	Electronic components, nec	3.5	1.9	2.8	1.6	.4	.2	3.3	2.2	1.8	1.0	.8	.7
369	Misc. electrical equipment and supplies	2.6	1.5	1.4	.5	1.0	.7	3.4	4.3	.8	.4	1.7	3.1
3694	Engine electrical equipment	2.8	2.0	1.2	.4	1.3	1.4	3.9	5.0	.7	.4	2.1	3.4
37	TRANSPORTATION EQUIPMENT	2.8	1.4	1.2	.5	1.2	.7	1.4	1.8	.8	.4	2.0	5.0
371	Motor vehicles and equipment	3.2	1.3	.7	.2	1.8	.7	4.5	7.0	.6	.3	2.9	6.2
3711	Motor vehicles and car bodies	3.4	1.3	.5	.1	2.0	.9	4.9	7.2	.6	.2	3.3	6.5
3713	Truck and bus bodies	2.9	1.1	1.5	.7	1.2	.4	6.1	6.2	1.2	.3	2.5	5.9
3714	Motor vehicle parts and accessories	3.0	1.2	.7	.2	1.6	.6	4.0	6.9	.6	.3	3.0	6.8
3715	Truck trailers	4.8	2.2	2.6	1.6	2.0	.6	5.4	8.1	1.5	.8	.6	.7
372	Aircraft and parts	1.4	.7	1.0	.5	.2	.1	1.8	1.4	.7	.3	.5	.6
3721	Aircraft	1.2	.7	.8	.5	.2	.1	1.5	1.2	.6	.3	.6	.6
3724	Aircraft engines and engine parts	1.1	.6	.7	.3	.1	.1	1.7	1.3	.3	.2	.7	.8
3728	Aircraft equipment, nec	2.3	.9	1.9	.7	.3	.1	2.5	1.8	1.1	.5	2.9	3.3
373	Ship and boat building and repairing	5.2	3.7	2.9	1.2	2.3	2.4	5.5	4.6	1.6	.7	3.2	3.3
3731	Ship building and repairing	5.3	3.9	2.5	1.0	2.7	2.8	5.5	4.5	1.3	.5	1.8	3.0
3732	Boat building and repairing	5.0	3.1	3.1	2.0	.8	.9	5.7	4.8	2.8	1.1	2.9	1.8
374	Railroad equipment	2.7	.9	.4	.1	1.8	.8	4.2	4.6	.4	.1	.2	.1
376	Guided missiles, space vehicles, parts	1.8	1.3	1.5	1.0	.1	(1)	1.2	.7	.6	.2	.1	(1)
3761	Guided missiles and space vehicles	1.9	1.4	1.6	1.1	.1	.1	1.1	.7	.6	.2	.1	(1)
379	Miscellaneous transportation equipment	4.8	1.4	3.6	.9	1.0	.4	4.5	3.3	2.0	.8	1.5	2.0
38	INSTRUMENTS AND RELATED PRODUCTS	2.2	1.2	1.8	.9	.3	.1	2.3	2.1	1.1	.9	.6	.7
381	Engineering and scientific instruments	2.1	1.3	1.8	1.0	.1	.2	1.9	1.7	1.1	.6	.4	.6
382	Measuring and controlling devices	2.2	1.2	1.7	.7	.3	.2	2.2	1.6	1.1	.7	.5	.4
3822	Environmental controls	1.9	.9	1.3	.4	.4	.3	2.4	1.7	.8	.5	1.0	.7
3823	Process control instruments	2.2	1.1	1.8	.7	.3	.3	2.2	1.8	1.1	.7	.4	.5
3825	Instruments to measure electricity	2.3	1.3	1.8	.8	.1	(1)	1.8	1.2	1.1	.9	.3	(1)

See footnotes at end of table.

D-2. Labor turnover rates, by industry—Continued

(Per 100 employees)

1972 SIC Code	Industry	Accession rates						Separation rates					
		Total		New hires		Recalls		Total		Quits		Layoffs	
		AVG. 1981	DEC. 1981	AVG. 1981	DEC. 1981	AVG. 1981	DEC. 1981	AVG. 1981	DEC. 1981	AVG. 1981	DEC. 1981	AVG. 1981	DEC. 1981
	INSTRUMENTS AND RELATED PRODUCTS—Con'd												
383	Optical instruments and lenses	2.3	0.7	2.0	0.6	0.2	0.1	2.1	1.5	1.3	0.8	0.3	0.2
384	Medical instruments and supplies	2.4	1.1	1.9	.8	.3	.1	2.6	1.7	1.3	.7	.6	.6
3841	Surgical and medical instruments	2.6	1.3	2.2	1.1	.2	(1)	2.8	1.6	1.4	.7	.7	.4
3842	Surgical appliances and supplies	2.3	1.0	1.6	.6	.5	.3	2.6	2.0	1.2	.6	.7	.9
385	Ophthalmic goods	2.7	1.5	2.0	1.2	.4	.2	3.6	3.9	1.7	1.0	1.2	2.5
386	Photographic equipment and supplies	1.9	1.5	1.7	1.3	.1	(1)	1.5	2.5	.8	1.5	.2	.4
387	Watches, clocks, and watchcases	3.2	.6	1.7	.2	1.1	.4	5.0	7.6	1.2	.3	2.9	6.1
39	MISCELLANEOUS MANUFACTURING INDUSTRIES	4.6	2.0	2.8	1.2	1.3	.7	4.9	6.6	1.7	.9	2.2	5.0
391	Jewelry, silverware, and plated ware	4.0	1.7	1.7	1.1	1.2	.4	4.1	4.2	1.5	1.0	1.9	2.5
393	Musical instruments	3.0	.9	1.9	.6	.8	.3	4.3	4.3	1.6	.7	2.0	3.0
394	Toys and sporting goods	6.1	2.7	3.6	1.3	2.1	1.0	6.5	11.4	2.2	1.1	3.1	9.6
3942 4	Dolls, games, toys, and children's vehicles	7.3	2.4	4.3	1.1	2.6	1.2	7.6	17.9	2.4	.9	3.8	16.2
3949	Sporting and athletic goods, nec	4.8	2.9	2.9	1.6	1.4	.9	5.3	4.9	1.9	1.3	2.3	3.0
395	Pens, pencils, office and art supplies	2.8	1.6	2.1	1.1	.5	.3	2.8	2.3	1.3	.8	.7	1.0
396	Costume jewelry and notions	4.4	1.7	2.9	1.1	1.4	.5	5.6	7.3	1.8	1.0	2.7	5.4
399	Miscellaneous manufactures	3.9	2.0	2.6	1.1	1.1	.7	4.2	5.2	1.5	.8	1.9	3.7
	NONDURABLE GOODS												
20	FOOD AND KINDRED PRODUCTS	5.6	2.9	3.3	1.6	2.1	1.1	5.8	5.4	2.1	1.2	2.9	3.5
201	Meat products	5.5	3.4	3.8	2.0	1.3	1.0	5.8	5.4	3.2	1.8	1.7	2.6
2011	Meat packing plants	4.1	3.1	2.1	1.4	1.5	1.1	4.5	4.5	1.6	1.0	2.0	2.2
2013	Sausages and other prepared meats	4.3	3.3	2.3	1.3	1.7	1.9	4.5	4.3	1.5	.8	2.2	2.8
2016	Poultry dressing plants	8.2	4.2	7.0	3.2	.7	.3	8.3	7.1	6.2	3.5	.8	2.7
202	Dairy products	3.0	1.7	2.1	1.0	.7	.5	3.3	3.2	1.5	.8	1.2	1.7
203	Preserved fruits and vegetables	13.4	5.1	6.8	2.1	6.5	2.9	13.4	13.4	3.1	1.3	9.3	11.2
204	Grain mill products	3.0	2.1	2.0	1.2	.9	.8	3.9	3.7	1.4	.9	1.8	2.2
205	Bakery products	2.6	1.7	1.9	1.1	.6	.5	2.7	2.7	1.3	.8	.8	1.4
2051	Bread, cake, and related products	2.4	1.6	2.0	1.2	.3	.4	2.5	2.3	1.4	.9	.5	.9
2052	Cookies and crackers	3.2	2.1	1.4	.8	1.6	1.1	3.4	4.1	.9	.3	1.9	3.5
206	Sugar and confectionery products	5.6	2.1	2.3	.9	3.2	1.1	5.9	6.3	1.2	1.1	3.9	4.6
207	Fats and oils	3.1	1.8	2.2	1.4	.8	.3	3.3	3.1	1.4	1.3	1.3	1.3
208	Beverages	4.1	2.8	2.3	1.3	1.6	1.5	4.3	4.0	1.5	.9	2.1	2.3
2082	Malt beverages	4.9	5.0	1.0	.4	3.6	4.4	5.3	6.0	.4	.2	4.1	5.1
2086	Bottled and canned soft drinks	3.6	2.1	3.0	1.6	.4	.4	3.5	2.3	2.1	1.3	.6	.3
209	Misc. foods and kindred products	6.3	3.4	3.9	2.6	2.1	.7	6.4	4.5	2.5	1.4	3.0	2.5
21	TOBACCO MANUFACTURES	3.9	3.0	1.5	1.0	1.7	1.5	3.9	3.5	.6	.5	2.4	2.5
211	Cigarettes	1.7	.8	.7	.2	.2	.2	1.4	1.5	.3	.1	.1	.9
22	TEXTILE MILL PRODUCTS	3.2	1.5	2.4	.8	.6	.7	3.7	3.6	1.8	.8	1.1	2.2
221	Weaving mills, cotton	2.6	.8	1.8	.5	.3	.1	3.1	2.2	1.5	.6	.6	1.0
222	Weaving mills, synthetics	2.8	.9	2.0	.7	.6	.2	3.2	2.3	1.6	.7	.8	1.1
223	Weaving and finishing mills, wool	3.8	2.4	2.8	1.3	.9	1.1	4.1	2.5	1.7	1.1	1.4	.9
224	Narrow fabric mills	4.1	2.0	3.1	1.2	.8	.7	3.8	4.1	1.8	.9	1.2	2.3
225	Knitting mills	3.7	1.5	2.7	.8	.8	.6	4.2	3.9	2.1	.8	1.3	2.5
2251	Women's hosiery, except socks	3.1	1.5	2.6	1.3	.3	.1	3.2	1.6	2.1	.8	.4	.3
2252	Hosiery, nec	3.9	.9	3.5	.6	.3	.3	3.9	3.2	2.6	.9	.5	1.9
2253	Knit outerwear mills	3.9	1.7	2.8	.9	.9	.8	4.2	6.0	2.1	1.0	1.3	4.0
2254	Knit underwear mills	3.0	.6	2.5	.5	.4	.1	3.6	1.3	2.2	.8	.7	.2
2257	Circular knit fabric mills	3.8	1.8	2.4	.6	1.3	1.1	5.7	3.4	2.0	.8	2.7	2.4
226	Textile finishing, except wool	2.9	1.2	2.3	.9	.4	.2	3.4	2.4	1.6	.9	.9	1.0
227	Floor covering mills	2.7	1.1	1.9	.6	.5	.3	3.3	2.8	1.4	.7	1.1	1.7
228	Yarn and thread mills	3.7	1.5	2.9	1.1	.6	.3	4.2	3.8	2.4	1.1	.9	2.2
229	Miscellaneous textile goods	3.5	5.0	2.0	.7	1.2	4.2	4.1	9.0	1.3	.7	2.0	7.6
23	APPAREL AND OTHER TEXTILE PRODUCTS	5.1	2.6	3.3	1.3	1.6	1.2	5.4	5.9	2.5	1.3	2.1	3.9
231	Men's and boys' suits and coats	3.8	1.9	2.7	1.1	.8	.6	3.5	2.9	1.7	.8	1.1	1.6
232	Men's and boys' furnishings	4.5	1.6	3.2	1.1	1.1	.4	4.8	4.6	2.8	1.3	1.4	2.7
2321	Men's and boys' shirts and nightwear	4.0	1.4	2.8	.7	.9	.5	4.1	3.7	2.5	1.1	1.0	2.2
2327	Men's and boys' separate trousers	4.3	1.6	3.5	1.2	.6	.2	4.1	2.3	3.1	1.2	.5	.6
2328	Men's and boys' work clothing	4.6	1.5	3.6	1.4	.8	.1	5.0	4.2	3.3	1.7	1.1	2.0
233	Women's and misses' outerwear	5.9	3.7	3.3	1.5	2.4	2.0	6.2	7.4	2.3	1.3	3.0	5.4
234	Women's and children's undergarments	5.1	1.9	3.9	1.2	1.0	.6	4.8	4.1	3.0	1.6	1.1	1.9
2341	Women's and children's underwear	5.0	1.7	3.8	1.0	1.1	.6	4.9	4.3	3.1	1.6	1.1	2.1
2342	Brassieres and allied garments	5.3	2.6	4.2	1.7	.9	.8	4.8	3.4	2.5	1.4	1.5	1.5
236	Children's outerwear	5.2	3.4	3.5	1.7	1.4	1.6	5.4	4.4	2.7	1.3	2.0	2.8
238	Misc. apparel and accessories	5.1	2.0	3.3	.9	1.6	1.0	5.7	6.4	2.6	1.2	2.3	4.7
239	Misc. fabricated textile products	5.2	2.8	3.3	1.3	1.5	1.2	5.7	7.6	2.3	1.3	2.4	5.4
26	PAPER AND ALLIED PRODUCTS	2.3	1.2	1.5	.5	.7	.6	2.7	2.9	.9	.4	1.1	1.9
261,2,6	Paper and pulp mills	1.6	1.1	.9	.3	.4	.5	1.7	2.0	.5	.2	.7	1.4
267	Paper mills, except building paper	1.5	1.0	.9	.3	.4	.5	1.6	1.8	.5	.2	.6	1.3

See footnotes at end of table.

D-2. Labor turnover rates, by industry—Continued

(Per 100 employees)

1972 SIC Code	Industry	Accession rates						Separation rates					
		Total		New hires		Recalls		Total		Quits		Layoffs	
		AVG. 1981	DEC. 1981	AVG. 1981	DEC. 1981	AVG. 1981	DEC. 1981	AVG. 1981	DEC. 1981	AVG. 1981	DEC. 1981	AVG. 1981	DEC. 1981
	PAPER AND ALLIED PRODUCTS—Continued	1.5	0.6	0.9	0.3	0.4	0.2	1.7	1.3	0.6	0.2	0.7	0.7
263	Paperboard mills	3.0	1.6	2.0	.8	.8	.7	3.3	3.2	1.2	.6	1.3	1.9
264	Misc. converted paper products	2.7	1.3	1.7	.5	.9	.6	3.3	3.9	1.1	.5	1.4	2.8
265	Paperboard containers and boxes	2.8	1.9	1.8	.8	1.0	1.1	3.2	4.3	1.0	.7	1.4	3.2
2651	Folding paperboard boxes	2.1	.9	1.5	.5	.5	.3	2.6	3.0	1.0	.5	1.0	2.0
2653	Corrugated and solid fiber boxes												
27	PRINTING AND PUBLISHING	3.1	2.2	2.5	1.6	.5	.4	3.0	2.6	1.7	1.3	.7	.8
271	Newspapers	3.4	2.9	3.1	2.6	.1	.2	3.2	2.8	2.5	2.2	.1	.1
272	Periodicals	3.0	2.0	2.7	1.7	.3	.2	2.5	2.1	1.7	1.4	.3	.1
273	Books	3.1	2.4	2.1	1.4	.8	.8	3.3	2.3	1.5	1.0	1.2	.6
274	Miscellaneous publishing	2.6	1.2	2.2	1.0	.3	.2	2.5	1.7	1.5	.8	.4	.4
275	Commercial printing	2.9	1.7	2.0	1.0	.7	.6	2.9	2.8	1.2	.7	1.0	1.6
2751	Commercial printing, letterpress	3.1	1.3	2.0	.6	1.0	.7	3.2	3.5	1.3	.6	1.3	2.5
2752	Commercial printing, lithographic	2.7	1.9	2.1	1.3	.6	.5	2.7	2.4	1.1	.7	.9	1.0
278	Blankbooks and bookbinding	3.4	1.9	2.6	.7	.7	1.2	3.6	2.3	1.6	.7	1.1	1.2
28	CHEMICALS AND ALLIED PRODUCTS	1.6	.8	1.2	.5	.3	.2	1.7	1.5	.7	.3	.5	.7
281	Industrial inorganic chemicals	1.3	.8	1.0	.6	.2	.2	1.3	1.4	.5	.3	.3	.6
2819	Industrial inorganic chemicals, nec	1.3	.7	1.0	.5	.2	.2	1.2	1.4	.5	.3	.3	.5
282	Plastics materials and synthetics	1.1	.6	.7	.2	.2	.2	1.4	1.8	.5	.3	.5	1.0
2821	Plastics materials and resins	1.3	.5	1.0	.4	.2	.2	1.5	1.7	.6	.5	.3	.7
2824	Organic fibers, noncellulosic	.6	.3	.4	.1	.1	.1	1.1	1.1	.4	.1	.3	.5
283	Drugs	1.6	.9	1.3	.7	.2	.1	1.5	1.2	.6	.4	.3	.2
2834	Pharmaceutical preparations	1.6	.9	1.3	.8	.2	.1	1.5	1.3	.7	.4	.4	.3
284	Soap, cleaners, and toilet goods	2.3	1.1	1.7	.5	.5	.5	2.3	1.8	1.0	.4	.7	1.0
2841	Soap and other detergents	1.6	.8	1.0	.1	.5	.6	1.9	1.3	.5	.1	.7	.8
2844	Toilet preparations	2.9	1.1	2.1	.4	.5	.6	2.7	2.3	1.2	.4	.8	1.5
285	Paints and allied products	2.1	.6	1.7	.5	.2	.1	2.2	2.0	1.0	.4	.5	1.0
286	Industrial organic chemicals	1.1	.5	.8	.3	.1	.1	1.2	1.0	.5	.2	.2	.4
287	Agricultural chemicals	2.1	1.1	1.4	.5	.5	.5	2.4	1.7	.9	.4	.9	.8
289	Miscellaneous chemical products	2.0	1.0	1.5	.6	.4	.2	2.2	1.8	.8	.4	.7	.9
29	PETROLEUM AND COAL PRODUCTS	2.0	1.2	1.6	.9	.3	.2	2.2	3.1	.6	.4	.8	2.1
291	Petroleum refining	1.7	1.0	1.5	.9	.1	.1	1.6	1.3	.5	.2	.5	.5
295	Paving and roofing materials	3.9	2.3	2.1	1.5	1.7	.8	5.6	15.8	1.5	.9	3.2	13.6
30	RUBBER AND MISC. PLASTICS PRODUCTS	3.6	1.7	2.4	.8	.9	.7	4.0	4.3	1.5	.7	1.5	1.0
301	Tires and inner tubes	1.4	.8	.5	.1	.5	.5	1.7	2.4	.3	.1	.7	1.9
302	Rubber and plastics footwear	5.3	2.7	3.0	1.1	1.9	1.5	5.9	5.7	2.4	1.1	2.4	1.9
303.4	Reclaimed rubber, and rubber and plastics hose and belting	2.5	.7	1.4	.5	.8	.1	3.0	2.8	.9	.4	1.5	2.0
308	Fabricated rubber products, nec	3.2	1.3	1.8	.5	1.0	.6	3.7	4.1	1.1	.5	1.7	2.8
307	Miscellaneous plastics products	4.2	2.0	3.0	1.0	.9	.8	4.6	5.0	1.9	.9	1.7	3.5
31	LEATHER AND LEATHER PRODUCTS	5.6	2.6	3.8	1.2	1.5	1.2	6.3	9.1	2.8	1.4	2.5	6.9
311	Leather tanning and finishing	4.3	2.6	2.7	.4	1.5	2.2	4.9	7.0	1.6	.5	2.5	6.1
314	Footwear, except rubber	5.5	2.8	3.7	1.5	1.4	1.1	6.0	6.9	2.9	1.4	2.2	4.9
3143	Men's footwear, except athletic	4.5	2.1	3.6	1.5	.4	.3	4.7	5.3	2.9	1.5	.9	3.0
3144	Women's footwear, except athletic	5.9	3.1	3.4	1.2	2.3	1.8	6.8	5.9	2.6	1.1	3.3	4.1
	NONMANUFACTURING:												
	MINING	5.2	3.9	4.1	2.8	.8	.7	4.6	4.5	3.0	2.4	.6	1.1
10	METAL MINING	2.2	2.9	1.0	.4	.9	2.3	3.0	4.7	.8	.4	1.5	3.8
101	Iron ores	4.6	11.6	.4	(1)	3.4	10.9	5.1	3.5	.2	.1	3.8	2.7
102	Copper ores	1.2	.4	.9	.4	.2	(1)	1.8	6.5	.5	.3	.9	5.9
12	BITUMINOUS COAL AND LIGNITE MINING	1.6	.6	.9	.4	.5	.1	1.3	1.2	.5	.3	.4	.4
13	OIL AND GAS EXTRACTION	7.3	5.5	6.1	4.3	.7	.6	6.1	5.4	4.5	3.7	.3	.3
131, 2	Crude petroleum, natural gas, and natural gas liquids	2.8	1.8	2.3	1.3	.2	.2	1.9	1.2	.5	.2	.1	.1
138	Oil and gas field services	10.2	7.9	8.6	6.2	1.0	.8	8.8	8.1	6.5	5.7	.3	.5
14	NONMETALLIC MINERALS, EXCEPT FUELS	3.2	1.8	1.6	.9	1.4	.9	3.5	6.4	1.1	.8	1.8	5.1
142	Crushed and broken stone	3.9	3.2	1.6	1.2	2.2	2.0	4.3	8.2	1.2	1.0	2.5	6.7
144	Sand and gravel	4.2	1.9	1.9	.9	2.0	1.0	4.9	11.2	1.3	.9	2.9	9.7
	COMMUNICATION:		.9	.4	.8	.3	(1)	(1)	.8	.6	.3	.2	.1	.1
481	Telephone communication												

NOTE: This table will be discontinued with this issue. See page 6 in this issue.

* Less than 0.05.

p = preliminary.

ESTABLISHMENT DATA
SEASONALLY ADJUSTED LABOR TURNOVER

D-3. Labor turnover rates in manufacturing, 1971 to date, seasonally adjusted

Per 100 employees

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total accessions												
1971	3.8	3.7	3.7	3.8	3.8	3.8	3.8	4.0	4.0	3.9	4.0	4.2
1972	4.3	4.3	4.4	4.4	4.4	4.3	4.3	4.5	4.5	4.6	4.7	4.9
1973	5.0	5.2	5.1	4.9	4.8	4.7	4.6	4.6	4.8	4.8	5.0	4.7
1974	4.7	4.6	4.5	4.6	4.5	4.3	4.3	4.1	4.0	3.8	3.3	3.1
1975	3.0	3.2	3.2	3.6	3.7	3.8	4.0	4.0	3.9	3.8	3.8	3.8
1976	4.2	4.1	4.2	4.1	4.0	3.8	3.9	3.8	3.7	3.6	3.8	3.8
1977	3.9	4.5	4.1	4.0	4.0	4.0	4.0	4.0	3.9	4.0	4.0	4.3
1978	4.0	3.9	3.9	4.2	4.0	4.1	4.1	4.1	4.2	4.2	4.2	4.3
1979	4.1	4.1	4.0	4.0	4.0	4.1	3.9	3.9	3.9	3.9	3.9	3.8
1980	3.9	3.8	3.7	3.2	3.1	3.4	3.5	3.6	3.7	3.7	3.6	3.5
1981	3.5	3.5	3.4	3.4	3.1	3.4	3.4	3.2	2.9	2.9	3.1	2.7
New hires												
1971	2.4	2.4	2.4	2.5	2.5	2.5	2.6	2.6	2.6	2.5	2.7	2.9
1972	3.0	3.1	3.2	3.2	3.3	3.2	3.2	3.3	3.4	3.6	3.7	4.0
1973	4.0	4.2	4.1	4.0	4.0	3.8	3.7	3.7	3.8	3.9	4.1	3.8
1974	3.8	3.7	3.6	3.5	3.5	3.3	3.3	3.1	3.0	2.7	2.3	1.9
1975	1.6	1.6	1.5	1.7	1.8	1.9	2.3	2.3	2.4	2.3	2.4	2.5
1976	2.6	2.7	2.9	2.8	2.7	2.7	2.7	2.6	2.5	2.4	2.5	2.5
1977	2.6	2.8	2.8	2.9	3.0	2.8	2.8	2.9	2.8	2.9	2.8	3.1
1978	2.9	2.8	2.9	3.1	3.0	3.1	3.1	3.1	3.2	3.3	3.3	3.3
1979	3.1	3.1	3.0	3.0	3.0	3.1	2.9	2.8	2.8	2.8	2.8	2.8
1980	2.7	2.6	2.5	2.1	1.8	1.9	2.0	2.0	2.1	2.1	2.1	2.1
1981	2.1	2.2	2.1	2.1	2.0	2.2	2.3	2.1	1.8	1.7	1.6	1.6
Recalls												
1976	1.1	1.0	1.1	1.0	1.0	0.9	1.0	0.9	0.8	0.9	0.9	1.0
1977	.9	1.3	1.0	.9	.8	.8	.8	.8	.8	.7	.8	.8
1978	.8	.7	.8	.8	.8	.7	.7	.7	.7	.7	.7	.7
1979	.7	.7	.7	.7	.8	.7	.8	.7	.8	.8	.8	.7
1980	.9	.9	.9	.8	1.0	1.2	1.3	1.4	1.4	1.3	1.2	1.1
1981	1.0	1.0	1.1	1.1	1.0	1.0	.9	.8	.9	.9	1.2	1.0
Total separations												
1971	4.3	4.1	4.0	4.1	4.2	4.1	4.2	4.6	4.3	4.1	4.1	4.1
1972	4.2	4.1	4.2	4.2	4.2	4.5	4.5	4.2	4.3	4.1	4.3	4.4
1973	4.6	4.7	4.8	4.6	4.6	4.7	4.9	4.6	4.5	4.7	4.8	4.8
1974	5.1	5.0	4.9	4.7	4.6	4.5	4.5	4.8	4.4	4.8	5.2	4.9
1975	5.2	5.1	4.6	4.6	4.6	4.3	4.0	3.9	3.8	3.8	3.8	3.5
1976	3.6	3.5	3.8	3.9	3.7	3.9	3.9	3.9	3.9	3.9	3.6	3.6
1977	3.9	4.1	3.8	3.7	3.8	3.7	3.9	4.0	3.9	3.8	3.8	4.0
1978	3.8	3.8	3.8	4.0	3.9	3.9	3.9	3.8	4.0	3.9	3.9	4.1
1979	4.0	3.9	3.9	4.0	4.0	4.0	4.0	4.3	3.9	4.0	4.1	4.0
1980	4.2	4.0	4.0	5.2	5.5	4.8	3.8	4.0	3.5	3.6	3.3	3.5
1981	3.6	3.6	3.4	3.2	3.4	3.4	3.2	3.6	3.7	4.0	4.1	4.0
Quits												
1971	1.8	1.7	1.7	1.7	1.8	1.8	1.8	1.9	1.8	1.8	1.9	1.9
1972	2.1	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.3	2.5	2.6
1973	2.8	2.9	2.9	2.8	2.8	2.8	2.7	2.7	2.7	2.9	2.9	2.7
1974	2.7	2.8	2.7	2.6	2.6	2.5	2.5	2.4	2.2	2.0	1.8	1.7
1975	1.4	1.3	1.2	1.2	1.3	1.4	1.4	1.5	1.4	1.5	1.6	1.5
1976	1.6	1.6	1.8	1.8	1.7	1.7	1.8	1.7	1.7	1.6	1.5	1.6
1977	1.8	1.8	1.8	1.8	1.9	1.8	1.8	1.9	1.9	1.9	1.9	2.0
1978	1.9	1.9	2.0	2.1	2.0	2.1	2.1	2.1	2.2	2.2	2.1	2.2
1979	2.2	2.1	2.1	2.1	2.0	2.0	2.0	2.0	1.9	2.0	2.0	1.8
1980	1.9	1.9	1.8	1.6	1.5	1.4	1.4	1.4	1.3	1.3	1.4	1.5
1981	1.4	1.4	1.3	1.3	1.3	1.4	1.5	1.3	1.3	1.2	1.1	1.1
Layoffs												
1971	1.7	1.5	1.5	1.5	1.6	1.5	1.5	2.0	1.7	1.5	1.4	1.3
1972	1.2	1.2	1.1	1.2	1.2	1.4	1.4	1.1	1.0	1.0	.9	.9
1973	.9	.9	.9	.8	.9	.9	1.2	1.0	.9	.8	1.0	1.1
1974	1.4	1.3	1.2	1.1	1.1	1.1	1.1	1.4	1.3	1.8	2.5	2.5
1975	2.4	3.0	2.7	2.4	2.5	2.2	1.7	1.6	1.7	1.5	1.5	1.3
1976	1.2	1.0	1.2	1.3	1.2	1.3	1.3	1.3	1.4	1.5	1.3	1.2
1977	1.3	1.5	1.2	1.1	1.1	1.1	1.2	1.2	1.1	1.1	1.0	1.1
1978	1.0	1.0	1.0	1.0	1.0	.9	.9	.9	.9	.9	.9	1.0
1979	.9	.9	.9	1.0	1.0	1.1	1.1	1.4	1.2	1.2	1.3	1.3
1980	1.4	1.3	1.4	2.7	3.2	2.6	1.6	1.8	1.5	1.5	1.3	1.2
1981	1.4	1.3	1.3	1.1	1.3	1.3	1.0	1.4	1.7	2.2	2.3	2.2

p = preliminary

NOTE: This table will be discontinued with this issue. See page 6 in this issue.

E-1. Labor force and unemployment by State and selected metropolitan areas

(Numbers in thousands)

State and area	Labor force			Unemployment					
				Number			Percent of labor force		
	JAN. 1991	DEC. 1991	JAN. 1992p	JAN. 1991	DEC. 1991	JAN. 1992p	JAN. 1991	DEC. 1991	JAN. 1992p
ALABAMA	1,645.0	1,665.5	1,671.4	172.5	182.5	245.1	10.5	11.0	14.7
Birmingham	529.0	535.6	536.5	40.3	37.6	50.0	10.6	10.0	13.1
Huntsville	140.1	142.0	144.0	16.0	13.4	18.2	11.6	9.6	12.6
Mobile	194.4	197.5	195.8	16.3	19.0	22.6	8.8	10.1	12.7
Montgomery	119.6	121.1	120.3	10.9	11.1	13.5	9.1	9.7	11.2
Tuscaloosa	55.7	54.8	54.9	5.4	5.0	7.4	9.8	9.0	13.5
ALASKA	178.2	191.6	189.6	19.7	19.2	19.6	11.1	10.0	10.3
ARIZONA	1,746.3	1,795.3	1,787.4	92.7	83.9	100.1	6.6	6.4	7.9
Phoenix	763.7	790.7	788.4	43.9	41.9	49.4	5.7	5.3	6.3
Tucson	237.7	237.1	237.4	12.7	11.5	17.1	5.6	5.7	7.4
ARKANSAS	984.6	996.9	999.6	96.4	96.0	127.7	9.8	9.6	13.1
Fayetteville-Springdale	79.9	83.7	80.5	5.7	5.1	6.7	6.5	6.7	8.1
Fort Smith[1]	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Little Rock-North Little Rock	194.1	197.4	197.7	13.8	14.0	16.9	7.1	7.5	8.7
Pine Bluff	39.6	39.8	39.4	3.9	3.8	4.7	9.8	9.6	11.9
CALIFORNIA[2]	11,713.5	11,844.9	11,906.6	911.0	1,021.5	1,117.1	7.8	8.6	9.4
Anaheim-Santa Ana-Garden Grove	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Bakersfield	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Fresno	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Los Angeles-Long Beach[1]	3,716.0	3,745.0	3,716.0	234.0	281.0	333.0	6.3	7.5	8.9
Modesto	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Oxnard-Simi Valley-Ventura	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Riverside-San Bernardino-Ontario	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Sacramento	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Salinas-Seaside-Monterey	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
San Diego	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
San Francisco-Oakland	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
San Jose	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Santa Barbara-Santa Maria-Lompoc	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Santa Rosa	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Stockton	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Vallejo-Fairfield-Napa	1,488.8	1,534.3	1,539.7	93.4	96.2	99.9	6.3	5.6	6.5
	888.9	931.8	915.8	49.4	46.1	51.2	5.6	5.0	5.6
COLORADO	1,580.1	1,600.4	1,602.3	106.6	102.6	124.2	6.7	6.4	7.7
Denver-Boulder	191.4	194.0	195.1	13.4	13.5	16.3	7.0	6.6	8.4
CONNECTICUT	183.0	187.9	189.8	27.9	24.0	29.1	6.0	6.7	7.7
Bridgeport	75.3	75.8	75.4	5.5	6.5	7.7	7.3	8.5	9.5
Hartford	198.9	198.7	198.7	14.7	12.7	15.4	7.2	6.4	7.8
New Britain	131.4	131.4	132.6	9.4	9.3	9.3	6.4	5.9	6.3
New Haven-West Haven	107.0	106.9	108.5	9.9	8.3	10.7	9.3	7.7	9.4
Stamford	137.9	137.5	N.A.	24.3	23.2	N.A.	N.A.	N.A.	N.A.
Waterbury	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
DELAWARE	314.9	311.4	305.8	23.5	28.3	28.7	7.5	9.4	9.7
Wilmington[1]	N.A.	N.A.	1,665.3	N.A.	N.A.	97.4	N.A.	N.A.	5.8
DISTRICT OF COLUMBIA	4,758.4	4,568.9	4,510.9	272.8	333.3	345.8	6.4	7.3	7.7
Washington SMSA	62.8	70.3	69.4	3.6	4.6	4.6	5.7	6.5	6.6
FLORIDA[2]	100.7	108.6	107.5	6.9	7.9	8.1	6.8	7.3	7.6
Bradenton	461.5	487.7	479.5	21.9	28.6	33.0	4.7	5.9	6.5
Daytona Beach	90.1	96.8	96.6	5.6	6.5	7.3	6.2	6.7	7.6
Fort Lauderdale-Hollywood	77.4	79.7	78.1	3.7	3.4	3.6	4.6	4.3	4.7
Fort Myers-Cape Coral	315.9	341.7	335.4	19.4	21.3	26.2	6.1	6.2	7.8
Gainsville	142.7	150.4	153.9	12.9	12.8	20.7	9.0	8.5	13.1
Jacksonville	113.4	121.3	120.7	8.9	9.4	10.1	7.8	7.6	8.4
Lakeland-Winter Haven	774.1	819.6	806.5	52.6	58.3	55.6	6.8	7.2	6.9
Melbourne-Titusville-Cocoa	339.6	370.0	365.5	30.8	25.0	27.5	6.1	6.7	7.5
Miami	98.2	93.8	92.9	4.4	5.1	5.4	11.5	11.6	12.5
Orlando	117.4	123.4	119.8	6.1	9.8	8.6	5.4	7.9	7.1
Panama City	74.3	79.8	79.1	3.7	5.6	5.7	4.0	7.0	7.2
Pensacola	80.7	87.5	83.3	3.2	3.9	4.6	3.9	4.3	5.3
Sarasota	657.5	710.3	701.6	34.1	49.1	50.7	5.9	6.9	7.1
Tallahassee	260.0	282.0	280.1	14.7	18.0	19.9	5.7	6.4	6.7
Tampa-St. Petersburg									
West Palm Beach-Boca Raton									

See footnotes at end of table.

STATE AND AREA UNEMPLOYMENT DATA

E-1. Labor force and unemployment by State and selected metropolitan areas—Continued

(Numbers in thousands)

State and area	Labor force			Unemployment					
				Number			Percent of labor force		
	JAN. 1981	DEC. 1981	JAN. 1982P	JAN. 1981	DEC. 1981	JAN. 1982P	JAN. 1981	DEC. 1981	JAN. 1982P
GEORGIA	2,548.7	2,611.4	2,603.5	165.2	187.2	217.7	6.5	7.2	8.4
Albany	52.2	53.5	52.6	4.4	4.1	4.3	8.5	7.7	8.2
Atlanta	1,047.2	1,082.4	1,070.8	56.8	61.8	72.2	5.4	5.7	6.7
Augusta	130.2	132.4	131.3	9.7	9.0	10.2	7.4	6.8	7.8
Columbus[1]	88.0	92.0	87.4	6.7	10.2	9.2	7.7	11.1	10.5
Macon	104.8	107.4	107.4	6.6	7.5	7.7	6.3	7.0	7.1
Savannah	94.2	98.3	98.5	6.0	6.5	6.5	6.4	6.6	6.6
HAWAII	437.9	451.8	445.0	21.7	24.2	25.2	5.0	5.3	5.7
Honolulu	337.6	348.1	343.1	15.5	17.0	17.9	4.6	4.9	5.2
IDAHO	414.5	419.9	416.8	36.1	38.3	51.0	8.7	9.1	12.2
Boise City	N.A.	N.A.	86.6	N.A.	N.A.	7.7	N.A.	N.A.	8.9
ILLINOIS[2]	5,508.2	5,503.4	5,518.1	547.0	482.3	558.2	9.9	8.8	10.1
Bloomington—Normal	60.8	62.4	62.3	4.8	3.9	4.5	7.9	6.2	7.3
Champaign—Urbana—Rantoul	91.3	94.7	84.0	5.8	4.7	5.5	7.1	5.5	6.5
Chicago	3,462.0	3,463.6	3,470.5	317.7	287.0	323.6	9.2	8.3	9.3
Davenport—Rock Island—Moline[1]	N.A.	N.A.	196.4	N.A.	N.A.	29.8	N.A.	N.A.	15.2
Decatur	61.4	62.3	62.6	7.9	7.2	8.1	12.9	11.5	12.9
Kankakee	40.9	40.9	41.3	5.6	5.7	6.7	13.7	13.9	16.3
Peoria	173.0	172.8	175.9	19.7	14.6	16.9	10.8	8.4	9.6
Rockford	135.1	135.3	135.1	16.8	14.3	14.0	12.4	10.6	11.8
Springfield	96.7	98.2	99.1	8.1	6.7	8.1	8.4	6.8	8.2
INDIANA	2,594.6	2,633.2	2,607.6	273.7	320.5	353.7	10.5	12.2	13.6
Anderson	N.A.	N.A.	58.5	N.A.	N.A.	11.6	N.A.	N.A.	20.5
Elkhart	N.A.	N.A.	66.2	N.A.	N.A.	9.4	N.A.	N.A.	14.1
Evansville[1]	N.A.	N.A.	148.5	N.A.	N.A.	17.9	N.A.	N.A.	12.0
Fort Wayne	N.A.	N.A.	191.6	N.A.	N.A.	26.2	N.A.	N.A.	13.7
Gary—Hammond—East Chicago	N.A.	N.A.	292.0	N.A.	N.A.	43.2	N.A.	N.A.	14.8
Indianapolis	N.A.	N.A.	604.8	N.A.	N.A.	61.5	N.A.	N.A.	10.2
Lafayette—West Lafayette	N.A.	N.A.	63.6	N.A.	N.A.	5.5	N.A.	N.A.	8.7
Muncie	N.A.	N.A.	58.4	N.A.	N.A.	9.8	N.A.	N.A.	16.8
South Bend	N.A.	N.A.	135.3	N.A.	N.A.	15.7	N.A.	N.A.	11.6
Terre Haute	N.A.	N.A.	78.2	N.A.	N.A.	11.6	N.A.	N.A.	14.8
IOWA	1,364.9	1,385.4	1,401.0	104.9	109.1	158.6	7.7	7.9	11.3
Cedar Rapids	N.A.	N.A.	88.0	N.A.	N.A.	10.1	N.A.	N.A.	11.5
Des Moines	N.A.	N.A.	184.2	N.A.	N.A.	18.1	N.A.	N.A.	9.8
Dubuque	N.A.	N.A.	45.6	N.A.	N.A.	10.5	N.A.	N.A.	23.0
Sioux City[1]	N.A.	N.A.	54.8	N.A.	N.A.	5.1	N.A.	N.A.	9.3
Waterloo—Cedar Falls	N.A.	N.A.	69.7	N.A.	N.A.	8.1	N.A.	N.A.	11.7
KANSAS	1,158.0	1,193.9	1,151.8	53.5	53.1	58.5	4.6	4.5	5.1
Lawrence	34.0	35.4	34.2	1.7	1.5	1.6	4.9	4.3	4.7
Topeka	94.4	95.6	91.7	5.7	5.4	6.1	6.0	5.7	6.5
Wichita	223.8	229.8	224.0	9.1	10.2	11.1	4.1	4.5	5.0
KENTUCKY	1,632.7	1,666.0	1,611.0	155.5	157.6	194.8	9.5	9.5	11.5
Lexington—Fayette	N.A.	N.A.	174.5	N.A.	N.A.	11.8	N.A.	N.A.	6.8
Louisville[1]	N.A.	N.A.	423.1	N.A.	N.A.	53.1	N.A.	N.A.	12.6
Owensboro	N.A.	N.A.	39.9	N.A.	N.A.	4.3	N.A.	N.A.	10.9
LOUISIANA	1,797.7	1,861.4	1,830.3	156.8	159.7	182.7	8.7	8.6	10.0
Alexandria	N.A.	N.A.	71.7	N.A.	N.A.	8.8	N.A.	N.A.	12.3
Baton Rouge	N.A.	N.A.	222.4	N.A.	N.A.	19.8	N.A.	N.A.	8.9
Lafayette	N.A.	N.A.	92.9	N.A.	N.A.	4.5	N.A.	N.A.	4.8
Lake Charles	N.A.	N.A.	80.5	N.A.	N.A.	10.0	N.A.	N.A.	12.4
Monroe	N.A.	N.A.	54.4	N.A.	N.A.	6.7	N.A.	N.A.	12.4
New Orleans	N.A.	N.A.	504.8	N.A.	N.A.	44.3	N.A.	N.A.	8.8
Shreveport	N.A.	N.A.	161.1	N.A.	N.A.	15.2	N.A.	N.A.	9.4
MAINE	497.1	501.1	492.3	44.8	38.3	40.9	9.0	7.6	8.3
Lewiston—Auburn	N.A.	N.A.	37.9	N.A.	N.A.	3.4	N.A.	N.A.	9.0
Portland	N.A.	N.A.	92.0	N.A.	N.A.	5.2	N.A.	N.A.	5.7
MARYLAND	2,141.1	2,173.5	2,140.5	156.2	173.8	206.7	7.3	8.0	9.7
Baltimore	N.A.	N.A.	1,074.5	N.A.	N.A.	113.3	N.A.	N.A.	10.5

See footnotes at end of table.

E-1. Labor force and unemployment by State and selected metropolitan areas—Continued

(Numbers in thousands)

State and area	Labor force			Unemployment					
				Number			Percent of labor force		
	JAN. 1981	DEC. 1981	JAN. 1982P	JAN. 1981	DEC. 1981	JAN. 1982P	JAN. 1981	DEC. 1981	JAN. 1982P
MASSACHUSETTS[1]	2,994.2	3,038.7	2,992.2	193.9	208.2	238.2	6.4	6.9	8.0
Boston	1,412.5	1,472.1	1,469.1	74.9	85.0	98.4	5.3	5.8	6.7
Brockton	80.9	85.1	87.2	6.3	7.0	7.9	7.8	8.2	9.1
Fall River[1]	N.A.	N.A.	76.2	N.A.	N.A.	8.7	N.A.	N.A.	11.5
Lawrence—Haverhill[1]	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Lowell	123.8	133.9	125.6	6.1	9.0	9.0	4.9	6.7	7.2
New Bedford	83.8	89.5	87.4	7.7	9.4	11.8	9.2	10.5	13.5
Springfield—Chicopee—Holyoke	273.8	290.3	279.2	17.8	21.5	22.9	6.5	7.4	8.2
Worcester	194.7	206.2	200.5	10.8	13.1	15.4	5.6	6.3	7.7
MICHIGAN[1]	4,209.3	4,260.9	4,227.0	582.4	614.3	677.3	13.8	14.4	16.0
Ann Arbor	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Battle Creek	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Bay City	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Detroit	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Flint	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Grand Rapids	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Jackson	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Kalamazoo—Portage	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Lansing—East Lansing	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Muskegon—Norton Shores—Muskegon Heights	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Saginaw									
MINNESOTA	2,063.4	2,125.1	2,075.1	138.7	132.0	156.7	6.7	6.2	7.5
Duluth—Superior[1]	N.A.	N.A.	109.1	N.A.	N.A.	12.3	N.A.	N.A.	11.3
Minneapolis—St. Paul	N.A.	N.A.	1,140.2	N.A.	N.A.	66.2	N.A.	N.A.	5.8
Rochester	N.A.	N.A.	55.3	N.A.	N.A.	3.3	N.A.	N.A.	6.0
St. Cloud	N.A.	N.A.	72.4	N.A.	N.A.	7.5	N.A.	N.A.	10.4
MISSISSIPPI	1,032.2	1,045.4	1,050.8	88.6	94.6	111.8	8.6	9.0	10.6
Jackson	157.2	160.7	159.2	9.1	10.5	11.4	5.8	6.5	7.2
MISSOURI	2,287.8	2,308.3	2,263.6	190.9	177.6	227.8	8.3	7.7	10.1
Kansas City[1]	680.8	679.0	661.2	47.9	48.6	55.4	7.0	7.2	8.4
St. Joseph	45.2	44.0	43.9	4.1	4.0	5.3	9.1	9.0	12.2
St. Louis[1]	N.A.	N.A.	1,096.8	N.A.	N.A.	111.0	N.A.	N.A.	10.1
Springfield	105.2	105.9	105.2	7.1	6.1	9.0	6.7	5.8	7.4
MONTANA	357.6	382.4	379.0	28.3	25.8	36.9	7.9	6.7	9.7
Billings	N.A.	N.A.	58.9	N.A.	N.A.	3.5	N.A.	N.A.	6.0
Great Falls	N.A.	N.A.	35.4	N.A.	N.A.	3.2	N.A.	N.A.	9.0
NEBRASKA	737.7	772.6	753.5	36.3	36.8	43.6	4.9	4.8	5.8
Lincoln	N.A.	N.A.	109.6	N.A.	N.A.	5.5	N.A.	N.A.	5.0
Omaha[1]	N.A.	N.A.	280.9	N.A.	N.A.	19.6	N.A.	N.A.	7.0
NEVADA	439.7	470.3	476.0	35.0	37.1	39.5	8.0	7.9	8.3
Las Vegas	N.A.	N.A.	268.7	N.A.	N.A.	23.1	N.A.	N.A.	8.6
Reno	N.A.	N.A.	130.1	N.A.	N.A.	9.1	N.A.	N.A.	7.0
NEW HAMPSHIRE	464.2	482.1	N.A.	25.5	24.3	N.A.	5.5	5.0	N.A.
Manchester	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Nashua	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
NEW JERSEY	3,582.7	3,528.8	3,564.6	287.0	259.2	350.7	8.0	7.3	9.8
Atlantic City	107.5	114.6	113.5	9.5	11.0	13.1	8.8	10.6	11.5
Jersey City	248.3	242.7	247.1	29.5	27.1	35.3	11.9	11.2	14.3
Long Branch—Asbury Park	235.2	238.0	240.0	18.3	16.9	23.7	7.8	7.1	9.9
New Brunswick—Perth Amboy—Sayreville	332.3	323.7	326.5	20.6	19.1	28.4	6.2	5.9	8.7
Newark	974.9	949.7	967.5	74.7	63.6	92.6	7.7	6.7	9.6
Paterson—Clifton—Passaic	211.2	206.2	209.4	20.6	17.5	24.2	9.7	8.5	11.5
Trenton	160.7	154.7	155.9	10.4	8.4	12.4	6.5	5.6	7.9
Vineland—Millville—Bridgeton	60.2	58.2	59.4	8.4	8.5	10.7	14.0	14.6	18.0
NEW MEXICO	559.1	573.9	570.0	44.5	40.8	44.3	8.0	7.1	7.8
Albuquerque	209.1	210.2	208.0	17.0	15.0	15.9	8.1	7.1	7.7
Las Cruses	34.0	36.5	35.4	1.0	2.5	2.6	8.7	6.8	7.4

See footnotes at end of table.

STATE AND AREA UNEMPLOYMENT DATA

E-1. Labor force and unemployment by State and selected metropolitan areas – Continued

(Numbers in thousands)

State and area	Labor force			Unemployment					
				Number			Percent of labor force		
	JAN. 1981	DEC. 1981	JAN. 1982P	JAN. 1981	DEC. 1981	JAN. 1982P	JAN. 1981	DEC. 1981	JAN. 1982P
NEW YORK[1]	8,011.4	7,932.7	7,980.4	669.8	611.9	680.9	8.4	7.7	8.5
Albany—Schenectady—Troy	380.1	376.3	380.7	26.9	24.5	27.9	7.1	6.5	7.3
Binghamton[1]	140.1	139.8	144.7	11.1	9.1	11.0	7.9	6.5	7.6
Buffalo	575.4	561.0	568.8	63.1	58.8	71.3	11.0	10.5	12.5
Elmira	60.4	59.8	59.6	3.5	2.9	3.6	5.7	4.9	6.1
Nassau-Suffolk	1,321.6	1,310.1	1,323.0	90.6	71.8	84.3	6.9	5.5	6.4
New York	3,630.2	3,609.3	3,605.3	299.8	287.9	309.9	8.3	8.0	8.6
New York City[1]	3,017.0	2,991.0	2,987.0	265.0	270.0	277.0	8.8	9.0	9.3
Poughkeepsie	109.4	111.5	113.1	7.0	5.9	6.9	6.4	5.2	6.1
Rochester	476.3	475.8	482.9	32.7	30.3	34.8	6.9	6.4	7.2
Syracuse	306.7	300.0	300.7	26.3	21.2	24.1	8.6	7.1	8.0
Utica—Rome	136.6	133.0	137.7	12.5	10.2	12.1	9.2	7.7	8.8
NORTH CAROLINA	2,844.8	2,901.7	2,901.5	206.4	196.8	263.7	7.3	6.8	9.1
Asheville	86.2	87.7	87.8	6.5	5.8	7.5	7.5	6.7	8.6
Charlotte—Gastonia	363.7	372.5	371.0	18.2	17.9	24.1	5.0	4.8	6.5
Greensboro—Winston Salem—High Point	435.1	446.7	446.4	26.0	23.6	32.5	6.0	5.3	7.3
Raleigh—Durham	304.3	313.3	307.6	10.4	11.1	13.9	3.4	3.6	4.5
NORTH DAKOTA	281.7	296.3	289.9	19.2	17.1	18.6	6.8	5.8	6.4
Fargo—Moorehead[1]	68.8	71.3	68.8	4.9	3.6	3.5	7.2	5.0	5.2
OHIO[1]	4,955.0	5,072.7	5,031.6	521.2	600.1	598.1	10.5	11.8	11.9
Akron	N.A.	N.A.	298.7	N.A.	N.A.	34.2	N.A.	N.A.	11.5
Canton	N.A.	N.A.	187.7	N.A.	N.A.	23.6	N.A.	N.A.	12.6
Cincinnati	N.A.	N.A.	666.0	N.A.	N.A.	70.9	N.A.	N.A.	10.7
Cleveland	N.A.	N.A.	907.3	N.A.	N.A.	84.4	N.A.	N.A.	9.3
Columbus	N.A.	N.A.	554.9	N.A.	N.A.	48.8	N.A.	N.A.	8.8
Dayton	N.A.	N.A.	388.9	N.A.	N.A.	39.8	N.A.	N.A.	10.2
Toledo[1]	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Youngstown—Warren	N.A.	N.A.	233.1	N.A.	N.A.	36.5	N.A.	N.A.	15.7
OKLAHOMA	1,388.2	1,472.4	1,453.3	60.6	56.4	71.7	4.4	3.8	4.9
Enid	29.0	30.0	29.6	1.0	.8	1.1	3.6	2.7	3.7
Lawton	33.6	35.3	34.0	1.8	1.9	1.5	5.3	5.2	4.4
Oklahoma City	455.7	459.1	454.0	16.8	15.3	23.8	3.6	3.3	5.3
Tulsa	341.7	366.4	360.8	13.9	13.8	15.5	4.1	3.5	4.3
OREGON	N.A.	N.A.	1,309.0	N.A.	N.A.	165.7	N.A.	N.A.	12.7
Eugene—Springfield	N.A.	N.A.	139.1	N.A.	N.A.	19.5	N.A.	N.A.	14.0
Portland[1]	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Salem	N.A.	N.A.	121.9	N.A.	N.A.	14.0	N.A.	N.A.	11.5
PENNSYLVANIA[1]	5,422.4	5,436.7	5,423.0	497.0	506.4	641.9	9.2	9.3	11.8
Allentown—Bethlehem—Easton[1]	315.5	312.2	310.0	32.3	30.9	36.4	10.2	9.9	11.7
Altoona	58.1	57.6	58.1	8.8	7.7	10.4	15.2	13.4	17.9
Erie	124.3	124.0	123.4	13.3	12.4	15.0	10.7	10.0	12.2
Harrisburg	233.9	233.9	235.8	15.7	14.4	20.6	6.7	6.2	8.7
Johnstown	109.2	104.8	104.7	16.2	15.4	19.3	14.9	14.7	18.5
Lancaster	179.1	183.8	183.7	11.8	12.2	15.3	6.6	6.6	10.0
Northeast Pennsylvania	289.8	287.4	285.5	35.5	34.2	38.1	12.2	11.9	13.3
Philadelphia[1]	2,158.2	2,168.3	2,144.1	158.6	174.2	204.7	7.3	8.0	9.5
Pittsburgh	1,028.4	1,026.5	1,027.2	84.6	84.7	117.1	8.2	8.3	11.4
Reading	158.2	160.5	160.5	13.9	13.4	18.9	8.8	8.3	11.8
Williamsport	53.0	53.0	53.3	6.0	6.0	7.7	11.0	11.3	14.4
York	178.9	178.5	181.5	16.6	14.5	22.2	9.3	8.1	12.2
RHODE ISLAND	467.4	481.7	472.5	36.8	36.6	45.5	7.9	7.6	9.6
Providence—Warwick—Pawtucket[1]	463.3	476.5	469.0	36.0	36.4	45.3	7.8	7.6	9.7
SOUTH CAROLINA	1,374.2	1,413.2	1,405.8	111.6	130.3	160.5	8.1	9.2	11.4
Charleston—North Charleston	165.4	171.5	169.2	12.2	13.2	17.1	7.4	7.7	10.1
Columbia	185.0	189.0	184.9	10.3	11.6	13.5	5.5	6.1	7.3
Greenville—Spartanburg	279.9	288.3	284.0	19.2	25.8	27.5	6.9	9.0	9.7
SOUTH DAKOTA	315.0	323.3	310.6	20.0	17.6	19.0	6.4	5.4	6.1
Rapid City	39.3	39.6	38.1	3.2	2.5	2.5	8.0	6.4	6.5
Sioux Falls	61.9	63.9	61.3	3.9	3.4	3.6	6.3	5.3	5.9
TENNESSEE	2,069.6	2,111.8	2,101.5	198.5	216.5	254.1	9.6	10.3	12.1
Chattanooga	N.A.	N.A.	265.0	N.A.	N.A.	25.1	N.A.	N.A.	12.2
Knoxville	N.A.	N.A.	226.2	N.A.	N.A.	19.0	N.A.	N.A.	8.4
Memphis[1]	N.A.	N.A.	404.8	N.A.	N.A.	40.0	N.A.	N.A.	9.9
Nashville—Davidson	N.A.	N.A.	426.5	N.A.	N.A.	35.5	N.A.	N.A.	8.3

See footnotes at end of table.

E-1. Labor force and unemployment by State and selected metropolitan areas — Continued

(Numbers in thousands)

State and area	Labor force			Unemployment					
				Number			Percent of labor force		
	JAN. 1981	DEC. 1981	JAN. 1982p	JAN. 1981	DEC. 1981	JAN. 1982p	JAN. 1981	DEC. 1981	JAN. 1982p
TEXAS[1]	6,929.1	7,127.4	7,162.6	395.5	324.9	425.7	5.7	4.6	5.9
Abilene	73.0	77.7	75.8	2.0	3.7	2.8	2.8	4.7	3.7
Amarillo	90.1	95.0	96.5	3.9	4.1	7.0	4.3	4.3	7.2
Austin	274.6	286.2	285.8	10.2	9.4	13.1	3.7	3.3	4.6
Beaumont—Port Arthur—Orange	178.9	175.3	178.5	12.6	9.4	14.0	7.0	5.4	7.8
Corpus Christi	149.4	154.1	159.0	9.3	7.8	10.1	6.2	5.1	6.4
Dallas—Fort Worth	1,625.3	1,670.4	1,678.2	81.0	65.6	90.7	5.0	3.9	5.4
El Paso	186.3	186.4	185.8	19.5	13.4	17.1	10.5	7.2	9.2
Galveston—Texas City	85.6	87.7	88.3	6.9	5.6	7.4	8.0	6.4	8.4
Houston	1,613.6	1,707.3	1,709.7	67.6	67.0	79.7	4.2	3.9	4.7
Longview—Marshall	74.1	74.4	75.5	5.0	3.7	5.0	6.8	4.9	6.6
Lubbock	104.6	106.8	105.2	5.0	3.8	4.6	4.8	3.6	4.4
Midland	56.1	62.1	62.7	2.5	2.1	3.4	4.5	3.3	5.4
Odessa	49.0	74.2	74.5	3.4	3.0	3.4	5.0	4.1	4.6
San Angelo	44.9	48.5	47.5	1.5	2.4	2.0	3.3	4.9	4.2
San Antonio	454.2	457.2	461.9	31.2	24.2	31.9	6.9	5.3	6.9
Sherman—Denison	42.2	41.8	41.7	3.1	3.2	3.0	7.3	7.7	7.3
Waco	83.4	83.1	83.0	4.6	3.0	4.4	5.5	3.6	5.3
Wichita Falls	65.7	67.0	66.7	3.6	2.6	3.0	5.4	3.8	4.5
UTAH	630.7	654.5	661.6	47.3	43.7	57.4	7.5	6.7	8.7
Salt Lake City—Ogden	416.8	430.3	434.9	30.5	28.0	35.8	7.3	6.5	8.2
VERMONT	255.2	260.7	260.6	16.8	15.0	20.6	6.6	5.8	7.9
VIRGINIA	2,536.5	2,614.1	2,607.2	154.5	167.4	202.4	6.1	6.4	7.8
Lynchburg	N.A.	N.A.	74.9	N.A.	N.A.	4.6	N.A.	N.A.	6.1
Newport News—Hampton	N.A.	N.A.	165.1	N.A.	N.A.	12.2	N.A.	N.A.	7.4
Norfolk—Virginia Beach—Portsmouth[1]	N.A.	N.A.	337.4	N.A.	N.A.	28.5	N.A.	N.A.	8.4
Petersburg—Colonial Heights—Hopewell	N.A.	N.A.	59.3	N.A.	N.A.	5.7	N.A.	N.A.	9.6
Richmond	N.A.	N.A.	336.2	N.A.	N.A.	17.9	N.A.	N.A.	5.3
Roanoke	N.A.	N.A.	110.2	N.A.	N.A.	8.4	N.A.	N.A.	7.7
WASHINGTON	1,965.6	1,976.1	1,961.5	198.2	223.6	244.1	9.6	11.3	12.4
Seattle—Everett	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Spokane	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Tacoma	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
WEST VIRGINIA	787.2	774.2	780.6	97.8	77.6	101.2	12.4	10.0	13.0
Charleston	N.A.	N.A.	126.2	N.A.	N.A.	12.7	N.A.	N.A.	10.0
Huntington—Ashland[1]	N.A.	N.A.	126.1	N.A.	N.A.	15.4	N.A.	N.A.	12.3
Parkersburg—Marietta	N.A.	N.A.	72.5	N.A.	N.A.	8.7	N.A.	N.A.	12.0
Wheeling[1]	N.A.	N.A.	83.9	N.A.	N.A.	10.5	N.A.	N.A.	12.5
WISCONSIN	2,314.8	2,367.7	2,322.3	199.8	205.6	227.1	8.6	8.7	9.8
Appleton—Oshkosh	N.A.	N.A.	144.6	N.A.	N.A.	13.5	N.A.	N.A.	9.3
Eau Claire	N.A.	N.A.	56.4	N.A.	N.A.	5.5	N.A.	N.A.	9.8
Green Bay	N.A.	N.A.	88.4	N.A.	N.A.	8.0	N.A.	N.A.	9.0
Janesville—Beloit	N.A.	N.A.	69.1	N.A.	N.A.	11.6	N.A.	N.A.	16.8
Kenosha	N.A.	N.A.	58.7	N.A.	N.A.	7.8	N.A.	N.A.	13.3
La Crosse	N.A.	N.A.	68.7	N.A.	N.A.	4.2	N.A.	N.A.	6.1
Madison	N.A.	N.A.	180.9	N.A.	N.A.	12.0	N.A.	N.A.	6.6
Milwaukee	N.A.	N.A.	701.8	N.A.	N.A.	56.2	N.A.	N.A.	8.0
Racine	N.A.	N.A.	83.1	N.A.	N.A.	11.0	N.A.	N.A.	13.2
WYOMING	233.3	242.5	241.9	10.9	10.8	11.2	4.7	4.5	4.6

[1] Includes interstate portion of area located in adjacent State.

[2] Data are obtained directly from the Current Population Survey. (See "Explanatory Notes" for State and Area Unemployment Data in Employment and Earnings, monthly.)

NOTE: Estimates for 1981 have been benchmarked to 1981 Current Population Survey annual averages. Except in the 10 States and 2 areas designated by footnote 2, estimates for 1982 are provisional and will be revised when new benchmark information becomes available. Data refer to place of residence.

p = preliminary.

N.A. = not available.

SOURCE: Current Population Survey and Cooperating State Employment Security Agencies listed on inside back cover.

Labor force and unemployment estimates for counties, cities, and other small areas have been prepared for administration of various Federal economic assistance programs and may be ordered from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. The report "Employment and Unemployment in States and Local Areas" is published monthly through GPO and is available on microfiche only on a subscription basis.

ESTABLISHMENT DATA
SEASONALLY ADJUSTED

Revised seasonally adjusted real earnings series of production or nonsupervisory workers[1] on private nonagricultural payrolls

Seasonally adjusted constant dollar earnings series have been revised to reflect seasonal experience in the Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W) through December 1981. This revision affected constant dollar earnings data from January 1967 through December 1981.

Seasonally adjusted average weekly earnings in constant 1977 dollars appear currently in table C-8. They are also published along with average hourly earnings in 1977 dollars in the Real Earnings press release.

Gross average hourly earnings - 1977 dollars

Year	January	February	March	April	May	June	July	August	September	October	November	Decemb
1964.....	$4.54	$4.56	$4.57	$4.58	$4.59	$4.59	$4.61	$4.65	$4.65	$4.61	$4.64	$4.
1965.....	4.64	4.68	4.71	4.69	4.71	4.69	4.72	4.74	4.73	4.76	4.77	4.
1966.....	4.76	4.75	4.76	4.77	4.78	4.79	4.79	4.77	4.80	4.79	4.81	4.
1967.....	4.83	4.83	4.84	4.85	4.84	4.86	4.88	4.88	4.86	4.87	4.88	4.
1968.....	4.90	4.90	4.93	4.95	4.95	4.97	4.96	4.97	4.99	4.98	4.98	5.
1969.....	5.01	5.03	5.00	5.02	5.03	5.04	5.03	5.04	5.03	5.04	5.05	5.
1970.....	5.02	5.02	5.03	5.01	5.02	5.03	5.05	5.07	5.05	5.02	5.03	5.
1971.....	5.08	5.10	5.14	5.14	5.16	5.15	5.15	5.18	5.18	5.19	5.19	5.
1972.....	5.30	5.29	5.32	5.34	5.34	5.33	5.35	5.38	5.39	5.41	5.40	5.
1973.....	5.42	5.40	5.39	5.40	5.37	5.38	5.43	5.34	5.35	5.33	5.33	5.
1974.....	5.27	5.24	5.22	5.20	5.22	5.25	5.23	5.21	5.19	5.18	5.13	5.
1975.....	5.10	5.10	5.11	5.10	5.11	5.11	5.08	5.11	5.11	5.08	5.10	5.
1976.....	5.10	5.12	5.14	5.15	5.17	5.18	5.18	5.20	5.20	5.20	5.22	5.
1977.....	5.22	5.21	5.21	5.22	5.23	5.23	5.25	5.24	5.27	5.29	5.27	5.
1978.....	5.28	5.28	5.28	5.32	5.30	5.28	5.29	5.29	5.29	5.29	5.26	5.
1979.....	5.26	5.24	5.22	5.17	5.17	5.16	5.13	5.12	5.09	5.05	5.03	5.
1980.....	4.96	4.93	4.92	4.90	4.88	4.88	4.89	4.90	4.88	4.88	4.87	4.
1981.....	4.85	4.84	4.85	4.86	4.85	4.86	4.81	4.83	4.80	4.79	4.81	4.

Gross average weekly earnings - 1977 dollars

Year	January	February	March	April	May	June	July	August	September	October	November	Decemb
1964.....	$174.34	$176.46	$176.80	$177.67	$177.64	$177.64	$178.38	$179.90	$178.50	$178.44	$179.59	$180.
1965.....	180.58	181.62	183.20	182.01	182.81	181.65	182.73	182.99	182.18	184.24	184.64	184.
1966.....	184.33	184.96	184.86	184.43	184.33	184.71	185.07	184.04	184.67	184.35	184.57	184.
1967.....	185.64	183.85	184.07	183.96	184.10	184.81	185.03	185.53	184.86	184.73	185.58	185.
1968.....	184.81	185.81	186.33	186.02	187.51	188.18	187.86	188.02	189.17	188.35	187.35	188.
1969.....	189.32	188.95	188.51	189.13	190.27	189.55	189.75	190.05	189.74	189.53	189.32	189.
1970.....	187.90	187.89	187.67	186.30	186.88	186.66	187.74	188.10	186.00	185.35	185.63	185.
1971.....	187.31	188.13	189.53	189.52	190.33	190.03	188.99	191.09	189.54	191.62	192.12	192.
1972.....	195.61	195.56	196.90	198.23	197.12	197.37	197.33	198.37	199.39	200.67	199.80	199.
1973.....	199.63	199.83	200.01	200.17	198.76	199.23	200.99	196.93	197.36	196.24	197.20	195.
1974.....	193.48	192.94	191.63	189.33	191.73	192.05	191.33	190.04	190.02	188.48	185.68	185.
1975.....	184.26	183.23	182.90	183.19	183.39	184.08	183.03	185.04	185.02	183.99	184.76	184.
1976.....	185.24	186.02	185.58	185.96	187.23	187.59	187.54	187.57	187.20	187.15	187.88	188.
1977.....	185.71	187.73	187.51	188.00	188.85	188.80	189.68	189.29	189.60	190.81	189.15	188.
1978.....	186.74	187.92	189.62	191.43	190.14	190.23	190.33	189.75	189.30	189.89	188.32	188.
1979.....	186.60	186.40	186.90	182.56	184.40	184.56	183.60	182.61	181.84	179.72	178.99	178.
1980.....	175.49	174.56	173.70	172.80	171.69	171.86	171.76	172.53	172.17	172.09	171.89	171.
1981.....	171.24	170.32	171.07	172.18	171.25	170.92	169.95	170.09	167.56	167.74	168.33	167.

[1] Data relate to production and related workers in mining and manufacturing; to construction workers in construction; and to nonsupervisory workers in transportation and public utilities; wholesale and retail trade; finance, surance, and real estate; and services.

Revised
Annual Averages
Household Data

HOUSEHOLD DATA
HISTORICAL

1. Employment status of the noninstitutional population, 1929 to date

(Numbers in thousands)

Year	Total noninstitutional population	Total labor force		Civilian labor force						Not in labor force
					Employed			Unemployed		
		Number	Percent of population	Total	Total	Agriculture	Nonagricultural industries	Number	Percent of labor force	
	Persons 14 years of age and over									
1929	(1)	49,440	(1)	49,180	47,630	10,450	37,180	1,550	3.2	(1)
1930	(1)	50,080	(1)	49,820	45,480	10,340	35,140	4,340	8.7	(1)
1931	(1)	50,680	(1)	50,420	42,400	10,290	32,110	8,020	15.9	(1)
1932	(1)	51,250	(1)	51,000	38,940	10,170	28,770	12,060	23.6	(1)
1933	(1)	51,840	(1)	51,590	38,780	10,090	28,670	12,830	24.9	(1)
1934	(1)	52,490	(1)	52,230	40,890	9,900	30,990	11,340	21.7	(1)
1935	(1)	53,140	(1)	52,870	42,260	10,110	32,150	10,610	20.1	(1)
1936	(1)	53,740	(1)	53,440	44,410	10,000	34,410	9,030	16.9	(1)
1937	(1)	54,320	(1)	54,000	46,305	9,920	36,480	7,700	14.1	(1)
1938	(1)	54,950	(1)	54,610	44,220	9,660	34,590	10,390	19.0	(1)
1939	(1)	55,600	(1)	55,230	45,750	9,610	36,140	9,480	17.2	(1)
1940	100,390	56,180	56.0	55,640	47,520	9,540	37,980	8,120	14.6	44,200
1941	101,320	57,530	56.7	55,910	50,350	9,100	41,250	5,560	9.9	43,790
1942	102,610	60,380	58.8	56,410	53,750	9,230	44,500	2,660	4.7	42,230
1943	103,660	64,560	62.3	55,540	54,470	9,090	45,190	1,070	1.9	39,100
1944	104,630	66,040	63.1	56,630	55,960	8,950	47,010	670	1.2	38,590
1945	105,590	65,300	61.8	55,540	52,820	8,580	44,240	1,040	1.9	40,230
1946	106,720	60,950	57.2	57,520	55,250	8,420	46,830	2,270	3.9	45,350
1947	107,608	61,758	57.4	60,168	57,812	8,256	49,557	2,356	3.9	45,850
	Persons 16 years of age and over									
1947	103,419	60,941	58.9	59,350	57,038	7,890	49,148	2,311	3.9	42,477
1948	104,527	62,080	59.4	60,621	58,343	7,629	50,714	2,276	3.8	42,447
1949	105,611	62,903	59.6	61,286	57,651	7,658	49,993	3,637	5.9	42,708
1950	106,645	63,858	59.9	62,208	58,918	7,160	51,758	3,288	5.3	42,787
1951	107,721	65,117	60.4	62,017	59,961	6,726	53,235	2,055	3.3	42,604
1952	108,823	65,730	60.4	62,139	60,250	6,500	53,749	1,883	3.0	43,093
1953	110,001	66,560	60.5	61,811	61,179	6,260	54,919	1,634	2.6	44,041
1954	111,671	66,993	60.0	63,643	60,109	6,205	53,904	3,532	5.5	44,678
1955	112,732	68,072	60.4	63,023	61,170	6,450	54,722	2,852	4.4	44,660
1956	113,811	69,409	61.0	66,702	63,799	6,283	57,516	2,750	4.1	44,402
1957	115,063	69,729	60.6	66,929	64,071	5,947	58,123	2,859	4.3	45,336
1958	116,363	70,275	60.4	67,639	63,036	5,586	57,450	4,602	6.8	46,088
1959	117,881	70,921	60.2	68,369	64,630	5,565	59,065	3,740	5.5	46,960
1960[2]	119,759	72,142	60.2	69,628	65,778	5,458	60,319	3,852	5.5	47,617
1961	121,343	73,031	60.2	70,459	65,746	5,200	60,546	4,714	6.7	48,312
1962[2]	122,993	73,442	59.7	70,614	66,702	4,944	61,759	3,911	5.5	49,539
1963	125,134	74,571	59.6	71,833	67,762	4,687	63,076	4,070	5.7	50,563
1964	127,224	75,830	59.6	73,091	69,305	4,523	64,782	3,786	5.2	51,394
1965	129,236	77,178	59.7	74,455	71,088	4,361	66,726	3,366	4.5	52,058
1966	131,180	78,893	60.1	75,770	72,895	3,979	68,915	2,875	3.8	52,288
1967	133,319	80,793	60.6	77,347	74,372	3,844	70,527	2,975	3.8	52,527
1968	135,562	82,272	60.7	78,737	75,920	3,817	72,103	2,817	3.6	53,291
1969	137,841	84,240	61.1	80,734	77,902	3,606	74,296	2,832	3.5	53,602
1970	140,272	85,959	61.3	82,771	78,678	3,463	75,215	4,093	4.9	54,315
1971	143,033	87,198	61.0	84,382	79,367	3,394	75,972	5,016	5.9	55,834
1972[3]	146,574	89,484	61.1	87,034	82,153	3,484	78,669	4,882	5.6	57,091
1973	149,423	91,756	61.4	89,429	85,064	3,470	81,594	4,365	4.9	57,667
1974	152,349	94,179	61.8	91,949	86,794	3,515	83,279	5,156	5.6	58,171
1975	155,333	95,955	61.8	93,775	85,846	3,408	82,438	7,929	8.5	59,377
1976	158,294	98,302	62.1	96,158	88,752	3,331	85,421	7,406	7.7	59,991
1977	161,166	101,142	62.8	99,009	92,017	3,283	88,734	6,991	7.1	60,025
1978	164,027	104,368	63.6	102,251	96,048	3,387	92,661	6,202	6.1	59,659
1979	166,951	107,050	64.1	104,962	98,824	3,347	95,477	6,137	5.8	59,900
1980	169,848	109,042	64.2	106,940	99,303	3,364	95,938	7,637	7.1	60,806
1981	172,272	110,812	64.3	108,670	100,397	3,368	97,030	8,273	7.6	61,460

[1] Not available.

[2] Not strictly comparable with data for prior years. For an explanation, see "Historic Comparability" under Household Data section of Explanatory Notes.

NOTE: Beginning with data for January 1982, population counts derived from the 1980 census have been incorporated into the estimation procedures used in Current Population Survey. All data for 1981 have been revised based on the new census population counts, and adjustments have been made in the major data series for 1980 back to 1970. For additional information, see "Revisions in the Current Population Survey Beginning in January 1982" in the February 1982 issue of this publication.

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2. Employment status of the noninstitutional population 16 years and over by sex, 1947 to date

(Numbers in thousands)

Year	Total noninstitutional population	Total labor force		Civilian labor force						Not in labor force
					Employed			Unemployed		
		Number	Percent of population	Total	Total	Agriculture	Nonagricultural industries	Number	Percent of labor force	
	Males									
1947	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1948	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1949	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1950	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1951	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1952	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1953	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1954	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1955	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1956	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1957	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1958	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1959	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1960	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1961	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1962	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1963	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1964	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1965	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1966	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1967	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1968	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1969	67,452	54,376	80.6	51,228	48,990	2,862	46,128	2,238	4.4	13,076
1970	68,718	54,956	80.0	52,180	49,390	2,795	46,595	2,789	5.3	13,762
1971	70,241	55,961	79.7	53,555	50,896	2,849	48,047	2,659	5.0	14,280
1972	71,567	56,900	79.5	54,624	52,349	2,847	49,502	2,275	4.2	14,667
1973	72,971	57,902	79.3	55,739	53,024	2,919	50,105	2,714	4.9	15,069
1974	74,383	58,390	78.5	56,299	51,857	2,824	49,032	4,442	7.9	15,993
1975	75,798	59,212	78.1	57,174	53,138	2,744	50,394	4,036	7.1	16,585
1976	77,211	60,414	78.2	58,396	54,728	2,671	52,057	3,667	6.3	16,797
1977	78,569	61,613	78.4	59,620	56,479	2,718	53,761	3,142	5.3	16,956
1978	79,968	62,676	78.4	60,726	57,607	2,686	54,921	3,120	5.1	17,293
1979	81,341	63,396	77.9	61,453	57,186	2,709	54,477	4,267	6.9	17,945
1980	82,476	63,939	77.5	61,974	57,397	2,700	54,697	4,577	7.4	18,537
1981										
	Females									
1947	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1948	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1949	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1950	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1951	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1952	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1953	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1954	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1955	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1956	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1957	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1958	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1959	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1960	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1961	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1962	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1963	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1964	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1965	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1966	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1967	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1968	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1969	72,822	31,583	43.4	31,543	29,688	601	29,087	1,855	5.9	41,239
1970	74,315	32,243	43.4	32,202	29,976	599	29,377	2,227	6.9	42,072
1971	76,333	33,522	43.9	33,479	31,257	635	30,622	2,222	6.6	42,811
1972	77,855	34,855	44.8	34,804	32,715	622	32,093	2,089	6.0	43,000
1973	79,379	36,278	45.7	36,211	33,769	596	33,173	2,441	6.7	43,101
1974	80,949	37,565	46.4	37,475	33,989	584	33,404	3,486	9.3	43,386
1975	82,496	39,089	47.4	38,983	35,615	588	35,027	3,369	8.6	43,406
1976	83,955	40,728	48.5	40,613	37,289	612	36,677	3,324	8.2	43,227
1977	85,459	42,755	50.0	42,631	39,569	669	38,900	3,061	7.2	42,703
1978	86,983	44,375	51.0	44,235	41,217	661	40,556	3,018	6.8	42,608
1979	88,507	45,646	51.6	45,487	42,117	656	41,461	3,370	7.4	42,861
1980	89,796	46,873	52.2	46,696	43,000	667	42,333	3,696	7.9	42,922
1981										

[1] Not strictly comparable with data for prior years. For an explanation see "Historic Comparability" under Household Data section of Explanatory Notes.

NOTE: See note table 1.

HOUSEHOLD DATA
ANNUAL AVERAGES

3. Employment status of the noninstitutional population by sex, age, and race

(Numbers in thousands)

Sex, age, and race	1981										
	Total labor force		Civilian labor force				Not in labor force				
					Unemployed						
	Number	Percent of population	Total	Employed	Number	Percent of labor force	Total	Keeping house	Going to school	Unable to work	Other reasons
MALES											
16 years and over	63,939	77.5	61,974	57,397	4,577	7.4	18,537	361	3,896	1,617	12,661
16 to 21 years	8,703	68.0	8,058	6,603	1,451	18.0	4,105	23	3,104	32	947
16 to 19 years	5,056	60.4	4,777	3,815	962	20.1	3,316	18	2,556	15	726
16 to 17 years	1,973	48.1	1,957	1,526	431	22.0	2,130	10	1,687	7	427
18 to 19 years	3,082	72.2	2,820	2,289	531	18.8	1,185	7	869	9	299
20 to 64 years	57,017	89.2	55,331	51,770	3,560	6.4	6,919	176	1,340	1,143	4,254
20 to 24 years	9,395	86.5	8,648	7,504	1,144	13.2	1,468	13	953	47	455
25 to 54 years	43,450	94.2	39,513	37,357	2,156	5.5	2,470	98	377	605	1,389
25 to 29 years	9,386	94.2	9,017	8,295	721	8.0	574	15	226	53	279
30 to 34 years	9,725	95.9	9,463	7,971	492	5.8	374	20	81	74	199
35 to 39 years	6,868	96.0	6,685	6,373	312	4.7	289	18	27	81	163
40 to 44 years	5,567	94.8	5,480	5,241	240	4.4	304	13	20	33	190
45 to 49 years	4,976	93.4	4,948	4,741	207	4.2	353	13	17	112	212
50 to 54 years	4,928	89.5	4,920	4,737	183	3.7	575	19	7	185	364
55 to 64 years	7,171	70.6	7,170	6,909	261	3.6	2,981	65	10	495	2,411
55 to 59 years	4,405	81.2	4,404	4,243	161	3.7	1,019	34	6	245	734
60 to 64 years	2,766	58.5	2,766	2,667	100	3.6	1,962	31	4	250	1,677
65 years and over	1,866	18.4	1,866	1,812	55	2.9	8,303	167	1	453	7,681
65 to 69 years	1,080	27.8	1,080	1,046	34	3.2	2,808	43	1	145	2,620
70 years and over	786	12.5	786	766	20	2.6	5,495	124	--	337	5,063
White											
16 years and over	55,409	78.4	54,895	51,315	3,580	6.5	15,585	279	3,008	1,282	11,016
16 to 21 years	7,556	70.6	7,064	5,944	1,120	15.9	3,154	14	2,420	23	697
16 to 19 years	4,440	63.5	4,224	3,469	755	17.9	2,541	11	1,977	12	540
16 to 17 years	1,765	51.7	1,751	1,402	349	19.9	1,650	7	1,308	5	330
18 to 19 years	2,675	75.3	2,473	2,066	406	16.4	891	4	669	7	210
20 to 64 years	50,265	90.1	48,967	46,184	2,783	5.7	5,553	129	1,330	833	3,436
20 to 24 years	8,073	87.8	7,521	6,652	869	11.6	1,124	8	769	33	317
25 to 54 years	35,661	95.1	34,917	33,222	1,694	4.9	1,820	72	255	451	1,041
25 to 34 years	15,833	96.3	15,340	14,398	943	6.1	665	26	214	92	332
35 to 44 years	10,965	96.2	10,740	10,307	433	4.0	431	20	26	134	252
45 to 54 years	8,867	92.5	8,836	8,518	317	3.6	724	26	15	225	458
55 to 64 years	6,531	71.5	6,530	6,309	221	3.4	2,609	50	5	413	2,141
55 to 59 years	4,305	82.3	4,003	3,868	136	3.4	869	24	3	205	631
60 to 64 years	2,527	59.1	2,526	2,441	85	3.4	1,745	25	2	208	1,510
65 years and over	1,704	18.5	1,704	1,662	42	2.4	7,491	139	1	372	6,980
Black and other											
16 years and over	7,530	71.3	7,079	6,083	997	14.1	2,952	82	889	335	1,647
16 to 21 years	1,148	58.7	990	659	331	33.4	951	10	684	9	249
16 to 19 years	616	44.3	553	346	208	37.5	775	7	579	4	186
16 to 17 years	208	30.2	206	123	82	40.1	480	3	379	1	97
18 to 19 years	408	58.1	348	222	125	36.0	295	4	200	2	89
20 to 64 years	5,751	83.2	5,369	5,588	776	12.2	1,366	47	310	250	759
20 to 24 years	1,322	79.3	1,127	853	274	24.4	344	6	183	14	142
25 to 54 years	4,789	88.1	4,597	4,134	462	10.1	650	26	123	154	347
25 to 34 years	2,281	89.0	2,139	1,868	270	12.6	283	8	93	41	140
35 to 44 years	1,470	90.1	1,425	1,307	119	8.3	162	11	20	31	90
45 to 54 years	1,037	83.5	1,032	959	73	7.1	204	6	9	71	118
55 to 64 years	640	63.3	640	600	40	6.2	372	16	5	32	270
55 to 59 years	400	72.0	400	375	25	6.3	155	10	2	40	103
60 to 64 years	240	52.6	240	225	15	6.1	217	6	2	32	167
65 years and over	162	16.7	162	149	13	8.0	812	28	--	31	753

3. Employment status of the noninstitutional population by sex, age, and race—Continued

(Numbers in thousands)

Sex, age, and race	1981										
	Total labor force		Civilian labor force				Not in labor force				
	Number	Percent of population	Total	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
					Number	Percent of labor force					
FEMALES											
16 years and over	45,873	52.2	44,696	43,000	3,696	7.9	42,922	31,937	3,893	1,082	6,010
16 to 21 years	7,185	57.4	7,116	5,944	1,172	16.5	5,323	1,315	3,165	15	828
16 to 19 years	4,240	52.0	4,211	3,411	800	19.3	3,910	630	2,622	8	650
16 to 17 years	1,692	42.5	1,691	1,340	350	20.7	2,291	181	1,717	4	389
18 to 19 years	2,548	61.1	2,520	2,070	450	17.9	1,619	448	905	5	262
20 to 64 years	41,458	61.9	41,309	38,457	2,852	6.9	25,508	21,392	1,265	493	2,359
20 to 24 years	7,537	69.8	7,451	6,618	833	11.2	3,258	2,047	825	13	353
25 to 54 years	29,122	65.3	29,059	27,223	1,836	6.3	15,448	13,672	424	242	1,110
25 to 29 years	6,831	67.7	6,788	6,212	575	8.5	3,260	2,822	180	25	232
30 to 34 years	5,139	65.9	5,125	5,702	423	6.9	3,177	2,836	107	27	207
35 to 39 years	4,913	66.4	4,909	4,619	290	5.9	2,488	2,219	70	27	173
40 to 44 years	4,137	67.4	4,136	3,913	223	5.4	1,999	1,796	28	31	145
45 to 49 years	3,628	64.2	3,628	3,449	178	4.9	2,022	1,814	24	51	133
50 to 54 years	3,474	58.1	3,474	3,327	147	4.2	2,501	2,186	16	73	226
55 to 64 years	4,799	41.4	4,799	4,616	184	3.8	6,806	5,574	15	233	987
55 to 59 years	3,003	49.3	3,003	2,883	120	4.0	3,091	2,631	12	113	335
60 to 64 years	1,796	32.6	1,796	1,732	64	3.6	3,715	3,043	3	117	551
65 years and over	1,176	8.3	1,176	1,133	43	3.6	13,504	9,315	6	584	3,800
65 to 69 years	724	14.9	724	694	30	4.1	4,145	3,235	2	111	797
70 years and over	452	4.6	452	439	13	2.8	9,359	6,080	4	472	2,203
White											
16 years and over	41,285	51.3	40,157	37,394	2,762	6.9	37,272	28,355	2,970	887	5,299
16 to 21 years	6,298	60.5	6,250	5,376	874	14.0	8,107	1,040	2,436	13	622
16 to 19 years	3,759	55.5	3,739	3,119	620	16.6	3,013	500	2,012	5	496
16 to 17 years	1,524	46.1	1,523	1,242	281	18.4	1,780	145	1,326	2	307
18 to 19 years	2,235	64.4	2,216	1,877	339	15.3	1,234	355	687	3	189
20 to 64 years	35,477	61.7	35,369	33,262	2,107	6.0	22,015	18,747	953	374	1,942
20 to 24 years	6,467	71.6	6,406	5,826	580	9.1	2,559	1,657	626	14	263
25 to 54 years	24,776	65.3	24,729	23,359	1,370	5.5	13,345	11,938	315	285	907
25 to 34 years	12,909	66.5	12,868	12,153	715	6.8	5,498	4,902	204	44	344
35 to 44 years	7,708	66.4	7,704	7,311	394	5.1	3,902	3,518	78	45	262
45 to 54 years	6,158	60.9	6,157	5,896	261	4.2	3,949	3,519	33	87	300
55 to 64 years	4,235	40.9	4,235	4,077	158	3.7	6,111	5,152	12	175	772
55 to 59 years	2,654	49.1	2,654	2,551	103	3.9	2,752	2,367	9	83	293
60 to 64 years	1,581	32.9	1,581	1,526	55	3.5	3,359	2,785	3	93	479
65 years and over	1,049	7.9	1,049	1,013	36	3.4	12,243	9,108	5	453	2,661
Black and other											
16 years and over	5,588	53.8	5,539	5,606	933	14.3	5,651	3,582	923	235	911
16 to 21 years	886	42.2	866	568	298	34.4	1,216	275	729	5	205
16 to 19 years	481	34.9	472	291	181	38.3	897	129	609	4	154
16 to 17 years	168	24.7	168	98	69	41.4	511	36	392	2	82
18 to 19 years	313	48.8	305	193	111	36.5	386	93	218	2	73
20 to 64 years	5,081	63.1	5,040	5,194	746	12.6	3,492	2,646	312	196	618
20 to 24 years	1,070	60.6	1,045	793	253	24.2	695	390	199	5	100
25 to 54 years	4,346	67.4	4,330	3,863	466	10.8	2,103	1,734	109	179	234
25 to 34 years	2,360	68.5	2,345	1,761	284	13.9	943	756	83	33	95
35 to 44 years	1,342	69.6	1,341	1,221	119	8.9	585	497	20	33	55
45 to 54 years	948	62.2	944	881	64	6.7	574	481	7	33	53
55 to 64 years	565	44.9	565	539	26	4.6	694	522	3	54	115
55 to 59 years	349	50.7	349	333	17	4.7	339	263	3	33	40
60 to 64 years	216	37.8	216	206	9	4.3	355	259	1	24	72
65 years and over	127	9.1	127	120	7	5.7	1,262	807	1	111	339

HOUSEHOLD DATA
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4. Labor force by sex, age, and race

Sex, age, and race	Total labor force				Civilian labor force			
	Thousands of persons		Participation rates		Thousands of persons		Participation rates	
	1980	1981	1980	1981	1980	1981	1980	1981
MALES								
16 years and over	63,395	63,939	77.9	77.5	61,453	61,974	77.4	77.0
16 to 19 years	5,277	5,056	61.8	60.4	4,999	4,777	60.5	59.0
16 to 17 years	2,123	1,973	50.3	48.1	2,102	1,957	50.1	47.9
18 to 19 years	3,157	3,082	73.0	72.2	2,897	2,820	71.3	70.4
20 to 24 years	9,342	9,395	85.8	86.5	8,607	8,648	85.9	85.5
25 to 54 years	39,543	40,450	94.3	94.2	38,712	39,513	94.2	94.1
25 to 34 years	17,587	18,111	95.3	95.0	16,971	17,479	95.2	94.9
35 to 44 years	12,111	12,435	95.5	95.9	11,836	12,166	95.5	95.8
45 to 54 years	9,842	9,904	91.2	91.4	9,905	9,868	91.2	91.4
55 to 64 years	7,243	7,171	72.1	70.6	7,242	7,170	72.1	70.6
55 to 59 years	4,437	4,405	81.8	81.2	4,435	4,404	81.7	81.2
60 to 64 years	2,807	2,766	63.8	58.5	2,807	2,766	60.8	58.5
65 years and over	1,993	1,866	19.0	18.4	1,893	1,866	19.0	18.4
White								
16 years and over	55,979	56,409	78.7	78.4	54,473	54,895	78.2	77.9
16 to 19 years	4,635	4,440	64.8	63.6	4,424	4,226	63.7	62.4
16 to 17 years	1,896	1,765	53.8	51.7	1,881	1,751	53.6	51.5
18 to 19 years	2,739	2,675	75.5	75.0	2,543	2,473	74.1	73.5
20 to 24 years	8,027	8,073	87.9	87.8	7,479	7,521	87.2	87.0
25 to 54 years	34,970	35,661	95.1	95.1	34,224	34,917	95.0	95.0
25 to 34 years	15,378	15,830	96.0	96.0	14,893	15,340	95.9	95.9
35 to 44 years	10,688	10,965	96.3	96.2	10,455	10,740	96.2	96.1
45 to 54 years	8,933	8,867	92.1	92.5	8,877	8,836	92.1	92.4
55 to 64 years	6,619	6,531	73.1	71.5	6,618	6,533	73.1	71.5
55 to 59 years	4,045	4,005	82.9	82.3	4,045	4,003	82.9	82.3
60 to 64 years	2,573	2,527	61.5	59.1	2,573	2,526	61.6	59.1
65 years and over	1,727	1,704	19.1	18.5	1,727	1,704	19.1	18.5
Black and other								
16 years and over	7,417	7,530	72.7	71.8	6,980	7,079	71.5	73.6
16 to 19 years	643	616	43.3	44.3	576	553	43.5	41.7
16 to 17 years	224	208	32.4	30.2	221	206	32.1	30.0
18 to 19 years	419	408	60.1	58.1	354	348	56.0	54.1
20 to 24 years	1,315	1,322	83.8	79.3	1,128	1,127	78.3	76.6
25 to 54 years	4,573	4,789	89.0	88.1	4,488	4,597	88.6	87.5
25 to 34 years	2,209	2,281	90.7	89.0	2,077	2,139	90.2	88.3
35 to 44 years	1,427	1,470	93.1	90.1	1,381	1,425	89.8	89.8
45 to 54 years	1,233	1,037	84.0	83.5	1,028	1,032	83.9	83.5
55 to 64 years	624	640	63.5	63.3	624	640	63.5	63.3
55 to 59 years	390	400	71.5	72.0	390	400	71.5	72.0
60 to 64 years	234	240	53.5	52.6	234	240	53.5	52.6
65 years and over	166	162	17.5	16.7	166	162	17.5	16.7

4. Labor force by sex, age, and race—Continued

Sex, age, and race	Total labor force				Civilian labor force			
	Thousands of persons		Participation rates		Thousands of persons		Participation rates	
	1980	1981	1980	1981	1980	1981	1980	1981
FEMALES								
16 years and over	45,696	46,873	51.6	52.2	45,487	46,696	51.5	52.1
16 to 19 years	4,407	4,240	53.0	52.0	4,381	4,211	52.9	51.8
16 to 17 years	1,782	1,692	43.5	42.5	1,781	1,691	43.6	42.5
18 to 19 years	2,625	2,548	62.1	61.1	2,599	2,520	61.9	63.9
20 to 24 years	7,392	7,537	69.1	69.8	7,315	7,451	58.9	63.6
25 to 54 years	27,941	29,122	64.0	65.3	27,888	29,059	64.0	65.3
25 to 34 years	12,335	12,970	65.5	66.8	12,257	12,912	65.5	66.7
35 to 44 years	8,531	9,050	65.5	66.9	8,627	9,045	65.5	66.8
45 to 54 years	7,005	7,102	59.9	61.1	7,004	7,101	59.9	61.1
55 to 64 years	4,742	4,799	41.3	41.4	4,742	4,799	41.3	41.4
55 to 59 years	2,954	3,003	48.5	49.3	2,953	3,003	48.5	49.3
60 to 64 years	1,790	1,796	33.2	32.6	1,790	1,796	33.2	32.6
65 years and over	1,161	1,176	8.1	8.0	1,161	1,176	8.1	8.0
White								
16 years and over	39,285	40,285	51.2	51.9	39,127	40,157	51.2	51.9
16 to 19 years	3,908	3,759	56.4	55.5	3,888	3,739	56.2	55.4
16 to 17 years	1,535	1,524	47.2	46.1	1,605	1,523	47.2	46.1
18 to 19 years	2,303	2,235	65.2	64.4	2,284	2,216	65.1	64.2
20 to 24 years	6,347	6,467	70.8	71.6	6,293	6,406	70.6	71.5
25 to 54 years	23,764	24,776	63.5	65.0	23,723	24,729	63.4	64.9
25 to 34 years	10,325	10,909	64.9	66.5	10,289	10,868	64.8	66.4
35 to 44 years	7,363	7,708	65.0	66.4	7,356	7,704	65.0	66.4
45 to 54 years	6,080	6,158	59.6	60.9	6,079	6,157	59.6	60.9
55 to 64 years	4,194	4,235	40.9	40.9	4,194	4,235	40.9	40.9
55 to 59 years	2,602	2,654	48.0	49.1	2,602	2,654	48.0	49.1
60 to 64 years	1,592	1,581	32.9	32.9	1,592	1,581	32.9	32.9
65 years and over	1,042	1,049	7.9	7.9	1,032	1,049	7.9	7.9
Black and other								
16 years and over	6,411	6,588	53.8	53.8	6,359	6,539	53.6	53.6
16 to 19 years	499	481	36.2	34.9	492	472	35.9	34.5
16 to 17 years	177	168	25.0	24.7	177	168	26.0	24.7
18 to 19 years	322	313	46.3	44.8	315	305	45.7	44.1
20 to 24 years	1,045	1,070	60.5	60.6	1,029	1,065	60.3	60.1
25 to 54 years	4,177	4,346	67.1	67.4	4,164	4,330	67.0	67.3
25 to 34 years	1,981	2,060	69.3	68.6	1,969	2,045	69.2	68.4
35 to 44 years	1,270	1,342	69.1	69.6	1,270	1,341	69.1	69.6
45 to 54 years	926	944	61.7	62.2	926	944	61.7	62.2
55 to 64 years	549	565	44.9	44.9	549	565	44.9	44.9
55 to 59 years	352	349	52.3	50.7	352	349	52.3	50.7
60 to 64 years	197	216	35.9	37.8	197	216	35.9	37.8
65 years and over	133	127	9.6	9.1	133	127	9.6	9.1

5. Employment status of black workers by sex and age

[Numbers in thousands]

Sex and age	1981						
	Civilian labor force						Not in labor force
	Total	Employed			Unemployed		
		Total	Agriculture	Nonagricultural industries	Number	Percent of labor force	
TOTAL							
16 years and over	11,086	9,355	184	9,171	1,731	15.6	7,1
16 to 19 years	862	505	17	489	357	41.4	1,0
16 to 17 years	308	170	6	164	139	44.8	3
18 to 19 years	554	335	11	325	219	39.5	5
20 to 24 years	1,828	1,346	20	1,326	483	26.4	8
25 to 54 years	7,137	6,318	103	6,216	818	11.5	2,1
25 to 34 years	3,365	2,872	32	2,840	493	14.7	9
35 to 44 years	2,164	1,957	38	1,919	207	9.5	5
45 to 54 years	1,608	1,489	33	1,456	119	7.4	6
55 to 64 years	1,009	954	26	928	55	5.5	9
55 to 59 years	621	586	14	571	36	5.7	4
60 to 64 years	388	368	11	357	20	5.1	4
65 years and over	249	231	19	212	17	7.0	1,0
Males							
16 years and over	5,685	4,794	162	4,632	891	15.7	2,4
16 to 19 years	462	273	14	260	188	40.7	6
16 to 17 years	169	95	5	90	73	43.2	4
18 to 19 years	293	178	9	170	115	39.2	2
20 to 24 years	940	693	17	676	248	26.4	2
25 to 54 years	3,624	3,211	90	3,123	411	11.3	5
25 to 34 years	1,702	1,457	28	1,429	245	14.4	2
35 to 44 years	1,093	991	32	959	102	9.3	1
45 to 54 years	829	764	30	734	65	7.8	1
55 to 64 years	524	492	24	468	32	6.1	3
55 to 59 years	325	305	13	291	21	6.5	1
60 to 64 years	199	187	10	177	12	6.0	1
65 years and over	134	123	17	106	10	7.5	7
Females							
16 years and over	5,401	4,561	22	4,539	840	15.6	4,7
16 to 19 years	400	232	3	229	169	42.2	7
16 to 17 years	139	75	1	74	65	46.5	8
18 to 19 years	261	157	2	155	104	39.8	3
20 to 24 years	888	653	3	650	235	26.4	5
25 to 54 years	3,513	3,107	13	3,093	407	11.6	1,6
25 to 34 years	1,663	1,415	4	1,411	248	14.9	7
35 to 44 years	1,071	966	5	960	105	9.8	4
45 to 54 years	779	725	3	722	54	6.9	4
55 to 64 years	485	462	2	460	23	4.7	5
55 to 59 years	296	281	1	280	15	4.9	2
60 to 64 years	189	181	1	180	8	4.3	3
65 years and over	115	108	2	106	7	6.0	1,1

6 Employment status of the noninstitutional population by race, sex, and age

(Numbers in thousands)

Employment status and race	Total		Males, 20 years and over		Females, 20 years and over		Both sexes, 16-19 years	
	1980	1981	1980	1981	1980	1981	1980	1981
TOTAL								
Total noninstitutional population	159,848	172,272	72,902	74,105	80,196	81,646	16,853	16,521
Total labor force	109,042	110,812	58,119	58,883	41,237	42,639	9,685	9,291
Percent of population	68.2	64.3	79.8	79.5	51.4	52.2	57.5	56.3
Civilian labor force	106,940	108,670	56,455	57,197	41,106	42,485	9,378	8,988
Employed	99,303	100,397	53,101	53,582	38,892	39,593	7,310	7,225
Agriculture	3,364	3,368	2,396	2,284	584	504	385	380
Nonagricultural industries	95,938	97,030	50,706	51,199	37,907	38,986	6,925	6,845
Unemployed	7,637	8,273	3,353	3,615	2,215	2,895	1,669	1,763
Percent of labor force	7.1	7.6	5.9	6.3	5.4	6.8	17.3	19.0
Not in labor force	50,806	61,460	14,783	15,222	38,958	39,012	7,165	7,229
White								
Total noninstitutional population	147,747	149,551	63,989	65,013	69,673	70,785	14,085	13,753
Total labor force	95,224	96,694	51,344	51,969	35,336	36,525	8,543	8,199
Percent of population	64.5	64.7	80.2	79.9	50.7	51.6	60.7	59.6
Civilian labor force	93,600	95,052	50,049	50,671	35,239	36,418	8,312	7,962
Employed	87,715	88,709	47,419	47,846	33,275	34,275	7,021	6,588
Agriculture	3,087	3,109	2,180	2,183	585	567	361	359
Nonagricultural industries	84,629	85,600	45,239	45,663	32,729	33,708	6,661	6,229
Unemployed	5,884	6,343	2,629	2,825	1,964	2,143	1,291	1,374
Percent of labor force	6.3	6.7	5.3	5.6	5.6	5.9	15.5	17.3
Not in labor force	52,523	52,856	12,645	13,044	34,336	34,260	5,542	5,554
Black and other								
Total noninstitutional population	22,100	22,721	8,814	9,091	13,523	10,861	2,765	2,769
Total labor force	13,818	14,118	6,776	6,913	5,901	6,108	1,142	1,092
Percent of population	62.5	62.1	76.9	76.0	56.1	56.2	41.3	39.4
Civilian labor force	13,340	13,618	6,407	6,526	5,868	6,067	1,065	1,025
Employed	11,588	11,688	5,682	5,737	5,217	5,318	688	637
Agriculture	278	259	215	201	40	37	24	21
Nonagricultural industries	11,310	11,429	5,468	5,536	5,177	5,279	665	616
Unemployed	1,752	1,930	725	789	651	753	377	388
Percent of labor force	13.1	14.2	11.3	12.1	11.1	12.4	35.4	37.9
Not in labor force	8,283	8,603	2,038	2,178	4,622	4,758	1,623	1,672

7. Employment status of the noninstitutional population 16 to 21 years of age by major activity, sex, and race

Numbers in thousands

Employment status and major activity	1981								
	Total			White			Black and other		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
TOTAL									
Total noninstitutional population	25,416	12,809	12,608	21,115	10,710	10,406	4,201	2,099	2,10
Total labor force	15,880	8,703	7,185	13,854	7,556	6,298	2,034	1,148	88
Percent of population	62.8	68.0	57.4	65.6	70.6	60.5	48.4	54.7	42.
Civilian labor force	15,170	8,059	7,116	13,314	7,064	5,250	1,856	993	86
Employed	12,548	6,603	5,944	11,320	5,944	5,376	1,227	659	56
Agriculture	563	466	94	529	438	90	32	28	
Nonagricultural industries	11,987	6,137	5,851	10,792	5,506	5,286	1,195	631	56
Unemployed	2,622	1,451	1,172	1,993	1,120	878	629	331	29
Looking for full-time work	1,736	995	741	1,278	748	530	458	247	21
Looking for part-time work	886	456	430	715	372	343	171	84	8
Percent of labor force	17.3	16.0	16.5	15.0	15.9	14.0	33.9	33.4	34.
Not in labor force	9,428	4,105	5,323	7,261	3,154	4,107	2,167	951	1,21
Major activity - going to school									
Civilian labor force	3,853	1,793	1,670	3,094	1,600	1,494	369	193	17
Employed	2,728	1,389	1,339	2,515	1,278	1,237	212	111	10
Agriculture	118	99	20	115	96	19	4	3	
Nonagricultural industries	2,609	1,290	1,319	2,401	1,182	1,218	209	108	10
Unemployed	735	404	331	578	322	256	157	82	7
Looking for full-time work	116	65	51	78	45	33	38	20	1
Looking for part-time work	619	340	280	501	277	223	119	62	5
Percent of labor force	21.2	22.5	19.8	18.7	20.1	17.2	42.5	42.5	42.
Not in labor force	6,269	3,104	3,165	4,956	2,420	2,436	1,413	684	72
Major activity - other									
Civilian labor force	11,707	6,461	5,246	10,220	5,464	4,756	1,487	797	69
Employed	9,820	5,214	4,605	8,805	4,666	4,139	1,015	548	46
Agriculture	442	368	74	414	343	71	29	25	
Nonagricultural industries	9,378	4,847	4,531	8,391	4,323	4,068	987	523	46
Unemployed	1,887	1,246	641	1,415	798	617	472	249	22
Looking for full-time work	1,620	930	690	1,201	703	497	419	227	19
Looking for part-time work	267	116	151	214	94	120	53	22	3
Percent of labor force	16.1	19.3	12.2	13.8	14.6	13.0	31.8	31.2	32.
Not in labor force	3,760	1,601	2,158	2,406	734	1,672	754	267	48

8. Full- and part-time status of the civilian labor force by sex, age, and race

(Numbers in thousands)

Sex, age, and race	1981								
	Full-time labor force					Part-time labor force			
	Total	Employed		Unemployed (looking for full-time work)		Total	Employed on voluntary part time[1]	Unemployed (looking for part-time work)	
		Full-time schedules[1]	Part time for economic reasons	Number	Percent of full-time labor force			Number	Percent of part-time labor force
TOTAL									
Both sexes, 16 years and over	92,921	81,358	4,768	6,795	7.3	15,719	14,271	1,477	9.4
16 to 21 years	9,784	6,820	1,228	1,736	17.7	5,386	4,500	886	16.5
16 to 19 years	4,734	2,950	777	1,007	21.3	4,254	3,498	755	17.8
16 to 17 years	1,095	542	274	279	25.5	2,553	2,050	503	19.7
18 to 19 years	3,639	2,408	503	728	20.0	1,701	1,448	253	14.9
20 years and over	88,187	78,408	3,991	5,788	6.6	11,435	10,773	722	6.3
20 to 24 years	13,909	11,184	978	1,747	12.6	2,190	1,960	230	10.5
25 years and over	74,278	67,225	3,012	4,041	5.4	9,305	8,813	492	5.3
25 to 54 years	62,223	55,138	2,460	3,625	5.8	6,348	5,982	366	5.8
55 years and over	12,054	11,087	552	415	3.4	2,957	2,831	126	4.3
Males, 16 years and over	56,992	50,750	2,284	3,958	6.9	4,982	4,363	619	12.4
16 to 21 years	5,492	3,379	618	995	18.1	2,562	2,106	456	17.8
16 to 19 years	2,681	1,722	395	564	21.0	2,096	1,698	399	19.0
20 years and over	54,312	49,328	1,890	3,394	6.2	2,885	2,665	220	7.6
20 to 24 years	7,794	6,251	495	1,048	13.4	854	758	96	11.2
25 years and over	46,518	42,776	1,394	2,347	5.0	2,031	1,906	124	6.1
25 to 54 years	38,695	35,473	1,126	2,094	5.4	819	757	61	7.4
55 years and over	7,823	7,303	268	252	3.2	1,213	1,149	63	5.2
Females, 16 years and over	35,929	30,608	2,483	2,837	7.9	10,767	9,909	858	8.0
16 to 21 years	4,292	2,941	609	741	17.3	2,824	2,394	430	15.2
16 to 19 years	2,054	1,228	382	444	21.6	2,157	1,800	357	16.5
20 years and over	33,875	29,380	2,101	2,394	7.1	8,610	8,108	502	5.8
20 to 24 years	6,115	4,932	483	699	11.4	1,336	1,202	134	10.0
25 years and over	27,761	24,449	1,618	1,695	6.1	7,273	6,906	368	5.1
25 to 54 years	23,530	20,665	1,334	1,531	6.5	5,529	5,225	305	5.5
55 years and over	4,231	3,784	284	164	3.9	1,744	1,682	63	3.6
White									
Males, 16 years and over	50,456	45,454	1,921	3,081	6.1	4,439	3,940	499	11.2
16 to 21 years	4,769	3,497	524	748	15.7	2,295	1,923	372	16.2
16 to 19 years	2,341	1,578	336	427	18.3	1,882	1,555	328	17.4
20 years and over	48,115	43,876	1,585	2,654	5.5	2,556	2,385	171	6.7
20 to 24 years	6,767	5,558	416	794	11.7	753	678	76	10.0
25 years and over	41,348	38,317	1,169	1,860	4.5	1,802	1,707	95	5.3
25 to 54 years	34,218	31,530	940	1,648	4.8	698	653	46	6.6
55 years and over	7,130	6,587	229	212	3.0	1,104	1,054	50	4.5
Females, 16 years and over	30,354	26,268	2,033	2,053	6.8	9,803	9,094	709	7.2
16 to 21 years	3,703	2,643	529	530	14.3	2,547	2,204	343	13.5
16 to 19 years	1,788	1,116	339	334	18.7	1,950	1,665	286	14.7
20 years and over	28,566	25,152	1,694	1,720	6.0	7,852	7,429	423	5.4
20 to 24 years	5,202	4,327	401	474	9.1	1,203	1,097	106	8.8
25 years and over	23,363	20,825	1,293	1,246	5.3	6,649	6,333	317	4.8
25 to 54 years	19,627	17,449	1,071	1,106	5.6	5,102	4,840	263	5.2
55 years and over	3,737	3,376	222	140	3.7	1,547	1,493	54	3.5
Black and other									
Males, 16 years and over	6,536	5,296	364	877	13.4	543	423	120	22.1
16 to 21 years	723	382	95	247	34.1	266	182	84	31.6
16 to 19 years	339	144	59	136	40.2	214	143	71	33.3
20 years and over	6,197	5,152	305	740	11.9	329	280	49	14.9
20 to 24 years	1,027	593	79	254	24.8	100	80	20	20.2
25 years and over	5,170	4,459	225	486	9.4	229	199	29	12.7
25 to 54 years	4,476	3,843	186	447	10.0	121	104	15	12.4
55 years and over	694	615	39	39	5.6	109	95	13	11.9
Females, 16 years and over	5,575	4,340	451	784	14.1	964	815	149	15.5
16 to 21 years	589	298	80	211	35.8	278	190	87	31.4
16 to 19 years	265	112	44	110	41.4	207	136	71	34.3
20 years and over	5,309	4,228	407	674	12.7	757	679	78	10.3
20 to 24 years	912	605	82	225	24.7	133	105	28	20.9
25 years and over	4,398	3,623	324	449	10.2	624	574	50	8.0
25 to 54 years	3,903	3,216	263	425	10.9	427	385	41	9.6
55 years and over	494	407	62	24	4.9	197	189	9	4.6

[1] Employed persons with a job but not at work are distributed proportionately among the full- and part-time employed categories.

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9. Employment status of the noninstitutional population by family relationship

(Numbers in thousands)

Family relationship	1981									
	Civilian labor force					Not in labor force				
	Total	Percent of population	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
				Number	Percent of labor force					
Total, 16 years and over	108,670	63.9	100,397	8,273	7.6	61,460	32,298	7,790	2,699	18,673
Husbands	39,575	80.5	38,008	1,667	4.2	9,636	131	194	981	8,328
With employed wife	21,662	91.9	20,829	833	3.8	1,928	44	105	339	1,440
With unemployed wife	1,341	92.8	1,164	177	13.2	104	4	7	25	68
With wife not in labor force	16,472	68.7	16,015	457	2.8	7,602	84	82	617	6,820
Wives	25,035	50.8	23,590	1,445	5.8	24,274	21,649	303	304	2,018
With employed husband	21,993	47.9	20,829	1,164	5.3	16,015	14,765	249	111	889
With unemployed husband	1,010	60.4	833	177	17.6	657	601	15	6	36
With husband not in labor force	2,032	71.1	1,928	104	5.1	7,602	6,283	39	187	1,093
Relatives in married-couple families	13,714	62.8	11,709	2,004	14.6	8,114	908	4,883	288	2,034
16 to 19 years	4,165	56.0	3,138	1,027	16.7	4,830	166	3,734	17	913
20 to 24 years	3,085	76.4	2,695	491	13.6	1,575	141	1,052	28	354
25 years and over	2,484	59.3	2,196	286	11.5	1,709	601	97	243	767
Females who maintain families	5,577	60.0	4,998	579	10.4	3,717	2,882	129	136	570
Relatives in families maintained by females	4,631	56.5	3,607	1,024	22.1	3,566	834	1,378	245	1,110
16 to 19 years	1,405	47.6	947	459	32.6	1,545	121	1,077	4	342
20 to 24 years	1,481	72.4	1,142	339	22.9	566	125	246	21	175
25 years and over	1,745	54.5	1,518	226	13.0	1,455	588	55	220	593
Males who maintain families	1,828	76.0	1,696	133	7.3	578	29	32	67	449
Relatives in families maintained by males	1,467	59.0	1,247	220	15.0	1,020	424	257	59	280
16 to 19 years	340	57.6	262	79	23.1	251	22	179	2	48
20 to 24 years	431	77.2	361	70	16.2	127	34	60	2	31
25 years and over	696	52.0	624	71	10.2	642	368	18	55	201
Persons living alone	10,309	53.8	9,733	576	5.6	8,863	4,888	195	511	3,270
Males	3,785	84.5	3,408	377	10.0	696	13	225	72	385
Females	6,524	75.4	6,325	199	3.0	8,167	4,875	470	439	2,885
All others[1]	9,434	79.1	8,809	625	9.7	1,694	553	419	105	614

[1] The majority of these persons are living with nonrelatives. Also included are persons in married couple families where the husband is in the Armed Forces, persons in secondary families, and some whose family status is unknown.

10. Unemployed persons by marital status, race, age, and sex

Marital status, race, and age	Males				Females			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	1980	1981	1980	1981	1980	1981	1980	1981
Total, 16 years and over	4,267	4,577	6.9	7.4	3,370	3,696	7.4	7.9
Married, spouse present	1,709	1,766	4.2	4.3	1,448	1,513	5.8	6.0
Widowed, divorced, or separated	437	495	8.6	9.1	626	744	7.2	8.1
Single (never married)	2,120	2,316	13.6	14.6	1,298	1,439	10.9	11.9
White, 16 years and over	3,345	3,580	6.1	6.5	2,540	2,762	6.5	6.9
Married, spouse present	1,445	1,873	3.9	4.0	1,226	1,270	5.5	5.6
Widowed, divorced, or separated	317	367	7.6	8.3	444	529	6.4	7.2
Single (never married)	1,582	1,740	11.9	12.8	870	963	8.8	9.5
Black and other, 16 years and over	922	997	13.2	14.1	830	933	13.1	14.3
Married, spouse present	264	293	7.0	7.8	222	243	8.1	9.0
Widowed, divorced, or separated	120	128	13.0	12.9	192	215	10.7	11.8
Single (never married)	538	575	23.4	24.8	428	476	22.1	23.7
Total, 20 to 64 years of age	3,295	3,560	6.3	6.4	2,578	2,852	6.5	6.9
Married, spouse present	1,638	1,704	4.2	4.4	1,355	1,430	5.6	5.9
Widowed, divorced, or separated	424	482	8.7	9.3	592	698	7.5	8.3
Single (never married)	1,234	1,373	11.5	12.2	633	724	8.1	8.8
White, 20 to 64 years of age	2,586	2,783	5.4	5.7	1,933	2,107	5.7	6.3
Married, spouse present	1,388	1,423	3.9	4.0	1,144	1,196	5.3	5.4
Widowed, divorced, or separated	308	358	7.8	8.5	416	491	6.6	7.3
Single (never married)	890	1,002	9.9	10.6	373	419	5.9	6.1
Black and other, 20 to 64 years of age	710	776	11.4	12.2	645	746	11.2	12.6
Married, spouse present	251	281	6.9	7.7	211	234	8.0	8.9
Widowed, divorced, or separated	116	124	13.2	13.1	175	207	10.8	11.9
Single (never married)	342	371	19.8	20.9	258	305	17.5	19.6

11. Unemployed persons by occupation and sex

Occupation	Thousands of persons		Unemployment rates					
			Total		Males		Females	
	1980	1981	1980	1981	1980	1981	1980	1981
Total, 16 years and over	7,637	8,273	7.1	7.6	6.9	7.4	7.4	7.9
White-collar workers	1,999	2,223	3.7	4.0	2.7	2.9	4.6	5.1
Professional and technical	406	469	2.5	2.8	2.0	2.3	3.1	3.4
Managers and administrators, except farm	276	317	2.4	2.7	2.0	2.1	3.0	4.1
Sales workers	289	308	4.4	4.6	3.5	3.6	5.4	5.9
Clerical workers	1,029	1,129	5.3	5.7	4.8	5.1	5.4	5.9
Blue-collar workers	3,495	3,608	10.0	10.3	9.4	9.8	12.6	12.7
Craft and kindred workers	907	1,022	6.6	7.5	6.6	7.5	6.9	8.4
Carpenters and other construction workers	461	521	10.6	12.3	10.6	12.3	(1)	12.7
All other	446	501	4.8	5.3	4.6	5.3	6.4	5.9
Operatives, except transport	1,471	1,465	12.2	12.2	11.1	11.0	13.9	14.0
Transport equipment operatives	342	333	8.8	8.7	8.9	8.8	7.7	7.5
Nonfarm laborers	779	792	14.6	14.7	14.8	14.8	12.6	14.2
Construction laborers	225	238	21.6	23.0	21.3	22.7	(1)	(1)
All other	554	554	12.9	12.8	13.0	12.7	11.7	13.4
Service workers	1,139	1,307	7.9	8.9	8.1	9.3	7.7	8.5
Private household	52	54	4.6	4.9	(1)	(1)	4.6	4.9
All other	1,088	1,253	8.2	9.2	8.2	9.3	8.2	9.1
Farm workers	131	153	4.6	5.3	3.7	4.6	7.4	8.3
No previous work experience	873	982	--	--	--	--	--	--
16 to 19 years	649	729	--	--	--	--	--	--
20 to 24 years	147	164	--	--	--	--	--	--
25 years and over	84	88	--	--	--	--	--	--

(1) Percent not shown where base is less than 35,000.

12. Unemployed persons by industry and sex

Industry	Percent distribution		Unemployment rates					
			Total		Males		Females	
	1980	1981	1980	1981	1980	1981	1980	1981
Total, 16 years and over	100.0	100.0	7.1	7.6	6.9	7.4	7.4	7.9
Nonagricultural private wage and salary workers	75.7	74.5	7.4	7.7	7.4	7.7	7.3	7.7
Mining	.9	.8	6.4	6.0	6.7	6.4	4.5	4.2
Construction	9.7	9.8	14.1	15.6	14.6	16.3	8.9	11.1
Manufacturing	26.1	23.1	8.5	8.3	7.9	7.1	10.8	10.8
Durable goods	16.4	13.8	8.9	8.2	8.2	7.4	10.9	10.2
Lumber and wood products	1.2	1.0	13.4	12.6	13.6	12.0	12.0	16.2
Furniture and fixtures	.7	.6	9.0	8.7	8.5	7.3	10.3	11.7
Stone, clay, and glass products	.8	.7	9.2	8.6	8.2	8.0	12.4	11.7
Primary metal industries	1.7	1.3	9.8	8.5	9.5	8.3	11.9	10.3
Fabricated metal products	2.1	1.8	9.9	9.6	8.6	8.9	14.3	11.9
Machinery, except electrical equipment	2.2	2.1	5.6	5.9	5.2	5.3	7.1	7.7
Electrical equipment	2.2	2.1	6.8	6.8	5.8	4.5	9.3	9.5
Transportation equipment	4.2	2.9	13.6	10.4	12.8	10.0	17.2	12.4
Automobiles	3.4	2.1	20.4	14.7	18.9	13.3	28.0	21.7
Other transportation equipment	.8	.8	5.8	5.9	5.8	6.3	5.4	4.2
Instruments and related products	.4	.4	4.9	5.1	3.1	3.5	7.2	7.1
Other durable goods industries	.9	.8	9.2	9.1	8.1	6.9	13.5	12.4
Nondurable goods	9.6	9.4	7.9	8.4	5.9	6.5	10.7	11.1
Food and kindred products	2.3	2.4	8.9	10.1	6.8	7.9	13.4	15.1
Textile mill products	1.0	1.1	8.4	10.6	6.5	10.0	10.4	11.1
Apparel and other textile products	2.2	1.9	11.6	11.5	8.9	9.1	12.2	12.1
Paper and allied products	.7	.5	6.9	5.3	5.7	3.9	10.6	9.9
Printing and publishing	1.2	1.0	5.8	5.4	5.0	4.6	7.0	9.5
Chemicals and allied products	.8	.8	4.5	5.1	3.6	4.3	7.0	7.8
Rubber and plastics products	1.0	1.0	9.7	10.9	8.1	9.0	12.4	14.1
Other nondurable goods industries	.6	.7	7.1	8.9	4.9	6.8	10.2	11.3
Transportation and public utilities	3.7	3.7	4.9	5.2	5.1	5.7	4.4	3.9
Railroads and railway express	.4	.4	4.6	6.1	4.7	6.2	5.2	4.6
Other transportation	2.6	2.6	7.5	7.7	7.7	8.2	6.7	6.9
Communication and other public utilities	.7	.7	2.2	2.3	1.7	2.2	3.1	2.7
Wholesale and retail trade	18.9	19.4	7.4	8.1	6.6	7.1	8.3	9.3
Finance, insurance, and real estate	2.5	2.4	3.4	3.5	3.2	3.0	3.5	3.8
Service industries	14.0	15.2	5.9	6.6	6.3	6.9	5.8	6.5
Professional services	5.6	6.3	4.1	4.7	3.6	3.9	4.3	5.0
All other service industries	8.4	8.9	8.5	9.4	8.7	9.6	8.4	9.1
Agricultural wage and salary workers	2.3	2.4	11.0	12.1	9.7	11.0	15.1	15.9
All other classes of workers	10.6	11.2	3.1	3.6	2.8	3.2	3.5	4.1
No previous work experience	11.4	11.9	--	--	--	--	--	--

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13. Unemployed persons by reason for unemployment, sex, age, and race

Reason for unemployment	Total unemployed		Males, 20 years and over		Females, 20 years and over		Both sexes, 16 to 19 years		White		Black and other	
	1980	1981	1980	1981	1980	981	1980	1981	1980	1981	1980	1981
UNEMPLOYMENT LEVEL												
Total unemployed, in thousands	7,637	8,273	3,353	3,615	2,615	2,895	1,669	1,763	5,884	6,343	1,752	1,930
Job losers	3,947	4,267	2,389	2,565	1,170	1,317	388	385	3,100	3,335	847	932
On layoff	1,488	1,430	937	892	449	444	103	93	1,248	1,236	240	194
Other job losers	2,459	2,837	1,452	1,673	720	873	286	292	1,855	2,129	603	708
Job leavers	891	923	359	356	376	404	156	162	733	758	157	164
Reentrants	1,927	2,132	516	592	930	1,023	481	487	1,447	1,565	480	537
New entrants	872	981	90	102	139	151	643	728	603	684	270	296
PERCENT DISTRIBUTION												
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers	51.7	51.6	71.3	71.0	44.7	45.4	23.3	21.9	52.7	52.6	48.3	48.3
On layoff	19.5	17.3	27.9	24.7	17.2	15.3	6.1	5.3	21.1	19.0	13.9	11.6
Other job losers	32.1	34.3	43.2	46.3	27.5	30.1	17.1	16.6	31.5	33.6	34.2	36.7
Job leavers	11.7	11.2	10.7	9.9	14.4	14.0	9.4	9.2	12.5	12.0	9.0	8.5
Reentrants	25.2	25.8	15.4	16.4	35.6	35.3	28.8	27.6	24.6	24.7	27.4	27.8
New entrants	11.4	11.9	2.7	2.8	5.3	5.2	38.5	41.3	10.2	10.8	15.4	15.4
UNEMPLOYMENT RATE												
Total unemployment rate	7.1	7.6	5.9	6.3	6.4	6.8	17.8	19.6	6.3	6.7	13.1	14.2
Job losers rate	3.7	3.9	4.2	4.5	2.8	3.1	4.1	4.3	3.3	3.5	6.3	6.8
Job leaver rate	.8	.8	.6	.6	.9	1.0	1.7	1.8	.8	.8	1.2	1.2
Reentrant rate	1.8	1.9	.9	1.0	2.3	2.4	5.1	5.4	1.5	1.6	3.6	3.9
New entrant rate	.8	.9	.2	.2	.3	.4	6.9	8.1	.6	.7	2.0	2.2

Unemployment rates are calculated as a percent of the civilian labor force.

14. Unemployed persons by reason for unemployment, sex, age, and duration of unemployment

(Percent distribution)

Reason, sex, and age	1981						
	Total unemployed		Duration of unemployment				
					15 weeks and over		
	Thousands of persons	Percent	Less than 5 weeks	5 to 14 weeks	Total	15 to 26 weeks	27 weeks and over
Total, 16 years and over	8,273	100.0	41.7	30.7	27.6	13.6	14.0
Job losers	4,267	100.0	34.9	31.0	34.1	16.0	18.1
On layoff	1,430	100.0	46.7	28.5	24.8	12.4	12.4
Other job losers	2,837	100.0	29.0	32.2	38.8	17.9	20.9
Job leavers	923	100.0	45.1	31.7	23.1	12.0	11.1
Reentrants	2,132	100.0	50.2	30.1	19.8	10.6	9.2
New entrants	981	100.0	49.8	29.8	20.5	10.6	9.8
Males, 20 years and over	3,615	100.0	34.9	30.5	34.5	15.8	19.2
Job losers	2,565	100.0	32.4	30.7	37.0	16.3	20.7
On layoff	892	100.0	43.9	28.9	27.1	13.8	13.3
Other job losers	1,673	100.0	26.2	31.6	42.2	17.6	24.5
Job leavers	356	100.0	39.4	31.1	29.5	13.3	16.2
Reentrants	592	100.0	41.7	30.5	27.7	13.2	14.5
New entrants	102	100.0	41.4	25.0	33.6	13.2	20.4
Females, 20 years and over	2,895	100.0	43.8	30.9	25.3	13.3	12.1
Job losers	1,317	100.0	35.2	31.7	33.1	16.8	16.3
On layoff	444	100.0	48.0	28.6	23.4	11.2	12.3
Other job losers	873	100.0	28.8	33.2	38.0	19.7	18.3
Job leavers	404	100.0	45.2	33.2	21.7	12.1	9.5
Reentrants	1,023	100.0	53.8	29.3	16.9	9.3	7.6
New entrants	151	100.0	47.6	28.2	24.2	11.5	12.7
Both sexes, 16 to 19 years	1,763	100.0	52.2	30.8	17.0	10.3	6.7
Job losers	385	100.0	50.7	30.8	18.5	11.7	6.9
On layoff	93	100.0	66.9	24.4	8.7	4.7	4.0
Other job losers	292	100.0	45.5	32.9	21.6	13.9	7.7
Job leavers	162	100.0	57.6	29.6	12.8	9.1	3.7
Reentrants	487	100.0	52.7	31.2	16.1	9.9	6.2
New entrants	728	100.0	51.4	30.8	17.8	10.1	7.8

15. Unemployed jobseekers by sex, age, race, and jobsearch methods used

Sex, age, and race	1981								
	Thousands of persons		Methods used as a percent of total jobseekers						Average number of methods used
	Total unemployed	Total jobseekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives	Other	
Total, 16 years and over	8,273	6,730	26.8	6.1	74.3	32.1	14.5	5.3	1.59
16 to 19 years	1,763	1,650	17.9	3.1	60.3	25.8	12.9	3.9	1.34
20 to 24 years	1,976	1,653	31.6	5.9	75.2	33.2	14.3	3.9	1.68
25 to 34 years	2,211	1,703	30.1	7.4	71.9	36.3	14.7	5.6	1.65
35 to 44 years	1,065	802	29.4	8.5	70.9	33.8	15.7	6.9	1.65
45 to 54 years	715	520	28.7	8.3	68.8	34.2	14.4	7.7	1.62
55 to 64 years	448	329	24.7	6.6	65.9	30.6	18.1	10.3	1.56
65 years and over	99	81	14.8	4.9	61.7	25.9	16.0	9.9	1.33
Males, 16 years and over	4,577	3,561	29.0	6.0	75.0	29.7	16.5	6.7	1.63
16 to 19 years	962	890	18.3	2.9	61.3	24.0	14.7	3.7	1.45
20 to 24 years	1,144	919	33.9	5.9	75.3	32.2	17.1	4.7	1.69
25 to 34 years	1,213	871	34.4	7.8	73.3	34.2	16.9	7.3	1.74
35 to 44 years	552	383	32.6	8.1	72.6	30.5	17.5	9.4	1.71
45 to 54 years	390	265	30.2	7.9	71.7	27.9	17.4	11.3	1.66
55 to 64 years	261	185	25.8	7.0	63.4	26.9	18.3	14.5	1.56
65 years and over	55	47	10.6	4.3	63.8	21.3	14.9	12.8	1.28
Females, 16 years and over	3,696	3,170	24.4	6.1	72.9	34.7	12.1	3.8	1.58
16 to 19 years	800	761	17.5	3.4	79.0	27.7	10.8	4.1	1.42
20 to 24 years	833	734	28.7	5.9	75.1	34.3	10.9	3.0	1.58
25 to 34 years	998	832	25.6	6.9	70.8	38.6	12.6	3.8	1.58
35 to 44 years	513	420	26.4	8.8	69.3	36.4	14.0	4.5	1.60
45 to 54 years	325	255	26.7	8.2	65.9	40.8	11.4	3.9	1.57
55 to 64 years	184	134	23.1	6.0	68.7	35.1	17.2	4.5	1.54
65 years and over	43	34	(1)	(1)	(1)	(1)	(1)	(1)	(1)
White, 16 years and over	6,343	5,035	24.6	6.3	75.0	33.9	14.4	5.3	1.59
Males	3,580	2,710	26.8	6.2	75.8	31.5	16.5	6.8	1.68
Females	2,762	2,325	22.0	6.3	74.1	36.7	12.0	3.5	1.55
Black and other, 16 years and over	1,930	1,695	33.6	5.6	71.3	26.5	14.7	5.6	1.57
Males	997	850	36.1	5.6	72.2	24.0	16.8	6.4	1.61
Females	933	845	31.0	5.6	69.8	29.1	12.5	4.9	1.51

(1) Percent not shown where base is less than 35,000.

NOTE: The jobseekers total is less than the total unemployed because persons on layoff or waiting to begin a new wage and salary job within 30 days are not actually seeking jobs. It should also be noted that the percent using each method will always total more than 100 because many jobseekers use more than one method.

16. Unemployed jobseekers by sex, reason for unemployment, and jobsearch methods used

Sex and reason	1981								
	Thousands of persons		Methods used as a percent of total jobseekers						Average number of methods used
	Total unemployed	Total jobseekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives	Other	
Total, 16 years and over	8,273	6,730	26.8	6.1	74.0	32.1	14.5	5.3	1.59
Job losers	4,267	2,841	33.5	6.9	74.5	33.3	16.3	6.1	1.71
Job leavers	923	921	26.5	7.3	74.3	37.6	14.1	3.3	1.63
Reentrants	2,102	1,997	22.4	5.7	71.1	31.6	12.7	5.9	1.49
New entrants	981	971	16.7	3.6	78.5	24.3	13.1	4.2	1.40
Males, 16 years and over	4,577	3,561	29.0	6.0	75.0	29.7	16.5	6.7	1.63
Job losers	2,821	1,861	33.9	6.5	74.6	31.4	17.3	7.5	1.71
Job leavers	435	433	25.8	7.4	76.7	34.2	16.9	3.7	1.64
Reentrants	850	799	26.3	5.9	71.8	27.8	15.3	8.5	1.56
New entrants	472	467	17.6	3.2	80.3	22.5	15.4	3.2	1.42
Females, 16 years and over	3,696	3,170	24.4	6.1	72.9	34.7	12.1	3.8	1.58
Job losers	1,446	980	32.9	7.6	74.3	36.8	16.5	3.3	1.69
Job leavers	488	488	27.5	7.2	71.9	40.6	11.7	2.9	1.62
Reentrants	1,252	1,198	19.9	5.4	70.6	34.1	10.9	4.1	1.45
New entrants	509	504	15.9	4.2	76.8	26.0	10.9	5.2	1.39

NOTE: See note, table 15.

HOUSEHOLD DATA
ANNUAL AVERAGES

17 Unemployed persons by duration of unemployment

Duration of unemployment	Total				Full-time workers			
	Thousands of persons		Percent distribution		Thousands of persons		Percent distribution	
	1980	1981	1980	1981	1980	1981	1980	1981
Total, 16 years and over	7,637	8,273	100.0	100.0	6,269	6,795	100.0	100.0
Less than 5 weeks	3,295	3,449	43.2	41.7	2,472	2,589	39.4	38.1
5 to 14 weeks	2,470	2,539	32.3	30.7	2,081	2,117	33.2	31.2
5 to 10 weeks	1,784	1,852	23.4	22.4	1,481	1,537	23.6	22.6
11 to 14 weeks	686	687	9.0	8.3	599	579	9.6	8.5
15 weeks and over	1,871	2,285	24.5	27.6	1,716	2,090	27.4	30.8
15 to 26 weeks	1,052	1,122	13.8	13.6	954	1,010	15.2	14.9
27 weeks and over	820	1,162	10.7	14.0	762	1,080	12.2	15.9
27 to 51 weeks	491	604	6.4	7.3	462	559	7.4	8.2
52 weeks and over	329	559	4.3	6.8	300	520	4.8	7.7
Average (mean) duration, in weeks	11.9	13.7	--	--	12.9	14.9	--	--
Median duration, in weeks	6.5	6.9	--	--	7.4	7.9	--	--

18. Unemployed persons by sex, age, race, marital status, and duration of unemployment

Sex, age, race, and marital status	Thousands of persons					Average (mean) duration, in weeks	Median duration, in weeks	Less than 5 weeks as a percent of unemployed in group		15 weeks and over as a percent of unemployed in group	
	Total	Less than 5 weeks	5 to 14 weeks	15 to 26 weeks	27 weeks and over						
	1981							1980	1981	1980	1981
Total, 16 years and over	8,273	3,449	2,539	1,122	1,162	13.7	6.9	43.2	41.7	28.5	27.6
16 to 21 years	2,622	1,291	847	286	238	10.3	5.2	50.7	49.2	16.2	19.2
16 to 19 years	1,763	919	543	181	119	9.2	4.8	53.8	52.2	13.7	17.0
20 to 24 years	1,976	832	628	269	247	13.0	6.8	43.4	42.1	22.5	26.1
25 to 34 years	2,211	857	684	322	348	14.8	7.8	39.5	38.8	28.7	30.3
35 to 44 years	1,065	394	316	163	193	16.0	8.4	38.9	37.0	29.8	33.4
45 to 54 years	715	256	209	108	142	16.9	8.9	37.1	35.7	32.4	35.0
55 to 64 years	444	148	133	67	97	18.3	9.5	35.1	33.3	32.6	36.9
65 years and over	98	42	26	12	17	16.0	7.0	48.1	43.5	25.2	29.5
Males, 16 years and over	4,577	1,731	1,412	665	770	15.4	8.1	39.0	37.8	28.3	31.3
16 to 21 years	1,451	663	473	172	143	11.3	5.9	47.4	45.7	18.5	21.7
16 to 19 years	962	470	309	107	75	10.0	5.2	51.5	48.9	15.5	19.0
20 to 24 years	1,144	427	367	174	176	14.8	8.0	38.5	37.3	25.8	30.6
25 to 34 years	1,213	421	379	180	233	16.8	9.1	38.1	34.7	33.6	38.1
35 to 44 years	552	180	156	94	122	18.4	10.1	34.1	32.5	32.9	39.1
45 to 54 years	390	127	108	65	89	18.9	10.3	33.6	32.6	36.3	39.6
55 to 64 years	261	83	79	37	62	19.4	9.8	33.4	31.7	36.0	38.1
65 years and over	55	23	14	7	11	17.7	7.7	46.4	41.8	25.4	33.4
Females, 16 years and over	3,696	1,718	1,127	458	393	11.7	5.8	48.4	46.5	29.1	23.0
16 to 21 years	1,172	628	374	115	75	9.0	4.7	55.0	53.6	13.9	16.2
16 to 19 years	800	449	233	74	44	8.3	4.5	56.6	56.1	11.8	14.7
20 to 24 years	833	406	261	96	71	10.5	5.3	50.2	48.7	17.7	20.0
25 to 34 years	998	436	305	142	114	12.4	6.4	46.5	43.7	22.4	25.7
35 to 44 years	513	214	159	68	71	13.5	6.9	43.9	41.8	25.4	27.2
45 to 54 years	325	128	101	43	52	14.6	7.4	41.2	39.5	28.1	29.4
55 to 64 years	184	65	58	30	35	16.9	9.1	38.6	35.5	27.6	35.2
65 years and over	43	19	13	5	6	13.9	6.4	47.0	45.6	25.1	24.4
White, 16 years and over	6,343	2,703	1,967	848	825	13.0	6.7	43.9	42.6	23.7	26.4
Males	3,580	1,384	1,115	523	558	14.6	7.8	39.5	38.7	27.2	30.2
Females	2,762	1,319	851	325	267	11.0	5.5	49.5	47.8	19.1	21.4
Black and other, 16 years and over	1,930	746	573	274	338	16.0	8.0	40.8	38.6	27.2	31.7
Males	997	347	297	141	212	18.2	9.2	37.1	34.8	30.7	35.9
Females	933	399	276	133	126	13.6	6.8	44.9	42.7	23.2	27.7
Males, 16 years and over											
Married, spouse present	1,766	622	516	281	347	17.0	9.1	35.8	35.2	31.6	35.9
Widowed, divorced, or separated	495	158	151	80	105	18.0	10.0	33.9	32.0	34.0	37.5
Single (never married)	2,316	950	745	304	317	13.6	7.0	42.7	41.0	23.9	26.8
Females, 16 years and over											
Married, spouse present	1,513	699	461	188	164	11.6	5.9	48.6	46.2	20.6	23.3
Widowed, divorced, or separated	744	298	231	107	107	14.2	7.2	42.3	40.1	25.6	28.8
Single (never married)	1,439	721	434	163	121	10.4	5.0	51.1	50.1	16.8	19.7

19. Unemployed persons by occupation, industry, and duration of unemployment

Occupation and industry	Thousands of persons					Average (mean) duration, in weeks	Median duration, in weeks	Less than 5 weeks as a percent of unemployed in group		15 weeks and over as a percent of unemployed in group	
	Total	Less than 5 weeks	5 to 14 weeks	15 to 26 weeks	27 weeks and over						
	1981							1980	1981	1980	1981
OCCUPATION											
White-collar workers	2,223	925	735	325	268	12.8	6.9	44.4	41.6	23.2	26.7
Professional and managerial	786	337	257	118	108	13.9	7.5	45.4	39.1	26.6	28.2
Sales workers	308	137	96	44	31	11.4	6.2	45.5	44.4	23.3	24.4
Clerical workers	1,129	482	352	167	128	12.5	6.7	46.7	42.7	23.9	26.2
Blue-collar workers	3,608	1,358	1,093	514	644	15.7	8.2	38.1	37.6	28.1	32.1
Craft and kindred workers	1,022	381	324	155	162	14.7	8.1	38.3	37.3	28.1	31.0
Operatives, except transport	1,465	557	432	195	280	16.2	8.2	38.4	38.1	30.0	33.5
Transport equipment operatives	330	118	98	53	64	16.9	9.0	35.1	35.8	30.4	34.4
Nonfarm laborers	792	301	239	114	138	15.8	8.1	38.5	38.0	27.8	31.8
Service workers	1,307	604	397	161	145	11.9	5.9	48.4	46.2	23.8	23.4
INDUSTRY[1]											
Agriculture	201	98	66	23	13	9.7	5.2	48.8	48.8	15.8	18.1
Construction	839	316	274	136	112	13.8	8.0	38.9	37.7	26.4	29.6
Manufacturing	1,922	710	554	269	389	16.8	8.6	36.8	36.9	31.7	34.2
Durable goods	1,144	395	325	161	263	18.4	9.4	34.5	34.5	34.2	37.1
Nondurable goods	778	315	229	107	127	14.5	7.5	40.8	40.5	27.5	30.0
Transportation and public utilities	345	132	105	47	62	16.1	7.8	39.6	38.2	29.7	31.5
Wholesale and retail trade	1,617	712	513	212	179	12.0	6.3	48.3	44.0	21.6	24.2
Finance and service industries	1,858	794	579	256	228	12.9	6.7	46.4	42.7	21.4	26.0
Public administration	277	98	86	44	50	15.8	8.8	40.3	35.4	27.9	33.7
No previous work experience	982	489	293	104	96	11.4	5.1	52.5	49.8	16.3	20.4

[1] Includes wage and salary workers only

20. Employed persons by industry, age, and sex

(In thousands)

Industry and age	Total		Males		Females	
	1980	1981	1980	1981	1980	1981
All industries	99,303	100,397	57,186	57,397	42,117	43,000
16 to 19 years	7,710	7,225	4,085	3,815	3,625	3,411
16 to 17 years	3,106	2,866	1,672	1,526	1,433	1,340
18 to 19 years	4,605	4,359	2,412	2,289	2,192	2,070
20 to 24 years	14,087	14,122	7,532	7,504	6,555	6,618
25 to 54 years	62,960	64,580	36,736	37,357	26,225	27,223
25 to 34 years	27,204	28,180	15,832	16,266	11,370	11,914
35 to 44 years	19,523	20,145	11,355	11,513	8,168	8,632
45 to 54 years	16,234	16,255	9,548	9,478	6,686	6,777
55 to 64 years	11,586	11,525	6,999	6,909	4,587	4,616
55 to 59 years	7,143	7,126	4,290	4,243	2,852	2,883
60 to 64 years	4,443	4,399	2,709	2,667	1,734	1,732
65 years and over	2,960	2,945	1,835	1,812	1,125	1,133
Nonagricultural industries	95,938	97,030	54,477	54,597	41,461	42,333
16 to 19 years	7,325	6,845	3,772	3,498	3,554	3,347
16 to 17 years	2,896	2,676	1,501	1,367	1,395	1,310
18 to 19 years	4,429	4,169	2,269	2,131	2,159	2,038
20 to 24 years	13,681	13,687	7,199	7,145	6,483	6,542
25 to 54 years	61,225	62,840	35,401	36,022	25,824	26,819
25 to 34 years	26,512	27,496	15,304	15,727	11,238	11,768
35 to 44 years	18,976	19,598	10,949	11,207	8,027	8,391
45 to 54 years	15,707	15,747	9,148	9,087	6,560	6,660
55 to 64 years	11,054	11,015	6,551	6,489	4,503	4,526
55 to 59 years	6,865	6,850	4,064	4,023	2,801	2,827
60 to 64 years	4,189	4,166	2,487	2,366	1,702	1,699
65 years and over	2,654	2,641	1,558	1,543	1,096	1,098
Agriculture	3,364	3,368	2,703	2,700	656	667
16 to 19 years	385	380	313	317	71	63
16 to 17 years	209	190	170	159	38	31
18 to 19 years	176	190	143	158	33	32
20 to 24 years	405	435	333	359	72	76
25 to 54 years	1,736	1,740	1,335	1,335	400	403
25 to 34 years	661	684	528	539	133	146
35 to 44 years	547	547	407	406	140	141
45 to 54 years	528	508	400	391	127	117
55 to 64 years	533	510	448	420	84	90
55 to 59 years	277	276	227	220	52	57
60 to 64 years	255	233	222	200	33	33
65 years and over	337	304	279	269	59	35

21. Employed persons by occupation, sex, and age

(In thousands)

Occupation	Total		Males, 20 years and over		Females, 20 years and over		Males, 16-19 years		Females, 16-19 ye	
	1980	1981	1980	1981	1980	1981	1980	1981	1980	1981
TOTAL	99,303	100,397	53,101	53,582	38,492	39,590	4,085	3,815	3,625	3,4
White collar workers	51,882	52,949	23,568	23,947	25,721	26,555	692	661	1,901	1,7
Professional and technical	15,968	16,420	8,804	9,015	6,964	7,222	101	85	100	
Health workers	2,998	3,125	975	1,006	2,001	2,098	6	5	15	
Teachers, except college	3,209	3,197	929	935	2,256	2,244	6	5	17	
Other professional and technical	9,761	10,098	6,900	7,074	2,706	2,880	89	75	57	
Managers and administrators, except farm	11,138	11,540	8,159	8,312	2,868	3,119	59	60	52	
Salaried workers	9,185	9,577	6,690	6,849	2,390	2,624	56	56	50	
Self-employed workers in retail trade	891	870	580	557	308	309	1	3	1	
Self-employed workers, except retail trade	1,062	1,093	890	906	169	185	1	2	1	--
Sales workers	6,303	6,425	3,213	3,289	2,408	2,508	237	220	445	4
Retail trade	3,226	3,262	1,013	1,027	1,632	1,700	172	164	408	3
Other industries	3,077	3,162	2,200	2,262	776	808	64	56	37	
Clerical workers	18,473	18,564	3,391	3,331	13,482	13,706	295	295	1,305	1,2
Stenographers, typists, and secretaries	5,052	5,022	68	75	4,645	4,652	7	7	331	2
Other clerical workers	13,421	13,542	3,323	3,256	8,836	9,054	288	288	974	9
Blue collar workers	31,452	31,261	23,480	23,497	5,439	5,519	2,162	1,937	371	3
Craft and kindred workers	12,787	12,662	11,533	11,469	726	771	485	390	44	
Carpenters	1,215	1,122	1,134	1,055	16	19	63	46	2	
Construction craft workers, except carpenters	2,674	2,593	2,506	2,446	46	43	117	98	4	
Mechanics and repairers	3,400	3,408	3,165	3,204	63	62	170	142	3	
Metal craft workers	1,313	1,294	1,228	1,210	49	54	34	29	1	--
Blue-collar worker supervisors, not elsewhere classified	1,754	1,816	1,549	1,602	187	203	15	8	4	
All other	2,432	2,430	1,952	1,953	366	390	87	67	28	2
Operatives, except transport	10,565	10,540	5,760	5,817	4,001	4,019	574	533	228	1
Durable goods manufacturing	4,668	4,605	2,896	2,892	1,533	1,518	171	143	69	
Nondurable goods manufacturing	3,366	3,339	1,294	1,294	1,856	1,857	107	111	111	
Other industries	2,532	2,597	1,571	1,632	613	645	296	279	49	
Transport equipment operatives	3,531	3,476	3,080	3,030	273	297	170	137	10	
Drivers, motor vehicles	3,001	2,966	2,594	2,561	252	274	146	120	10	
All other	531	511	486	469	21	23	23	17	1	
Nonfarm laborers	4,567	4,583	3,107	3,180	439	432	933	877	88	
Construction	818	797	649	665	18	13	147	116	3	
Manufacturing	979	986	741	753	144	139	83	86	10	
Other industries	2,771	2,800	1,717	1,762	277	281	703	675	75	8
Service workers	13,228	13,438	4,055	4,136	6,893	7,071	980	961	1,299	1,2
Private household workers	1,063	1,047	18	26	840	806	8	11	195	2
Service workers, except private household	12,165	12,391	4,038	4,109	6,053	6,265	971	950	1,104	1,0
Food service workers	4,540	4,682	902	954	2,272	2,365	614	627	752	7
Protective service workers	1,425	1,459	1,266	1,289	128	142	24	22	8	
All other	6,200	6,250	1,870	1,866	3,652	3,758	334	301	344	3
Farm workers	2,741	2,749	1,998	2,004	438	444	251	256	53	
Farmers and farm managers	1,493	1,485	1,316	1,298	157	166	19	19	1	
Farm laborers and supervisors	1,247	1,264	682	706	281	278	232	237	53	
Paid workers	963	1,010	646	670	112	127	169	184	35	2
Unpaid family workers	284	254	36	36	168	151	63	53	17	1

22. Employed persons by occupation, race, and sex

[Percent distribution]

Occupation and race	Total		Males		Females	
	1980	1981	1980	1981	1980	1981
TOTAL						
Total, 16 years and over (thousands)	99,303	100,397	57,186	57,397	42,117	43,000
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	52.2	52.7	42.4	42.9	65.6	65.9
Professional and technical	16.1	16.4	15.6	15.9	16.8	17.0
Managers and administrators, except farm	11.2	11.5	14.4	14.6	6.9	7.4
Sales workers	6.3	6.4	6.0	6.1	6.8	6.8
Clerical workers	18.6	18.5	6.4	6.3	35.1	34.7
Blue-collar workers	31.7	31.1	44.8	44.3	13.8	13.6
Craft and kindred workers	12.9	12.6	21.0	20.7	1.8	1.9
Operatives, except transport	10.6	10.5	11.1	11.1	10.0	9.7
Transport equipment operatives	3.6	3.5	5.7	5.5	.7	.7
Nonfarm laborers	4.6	4.6	7.1	7.1	1.3	1.2
Service workers	13.3	13.4	8.8	8.9	19.5	19.4
Private household workers	1.1	1.0	(1)	.1	2.5	2.3
Other service workers	12.3	12.3	8.8	8.8	17.0	17.1
Farm workers	2.8	2.7	3.9	3.9	1.2	1.1
Farmers and farm managers	1.5	1.5	2.3	2.3	.9	.9
Farm laborers and supervisors	1.3	1.3	1.6	1.6	.8	.7
White						
Total, 16 years and over (thousands)	87,715	88,709	51,127	51,315	36,587	37,394
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	53.9	54.3	44.0	44.3	67.8	67.9
Professional and technical	16.5	16.7	16.1	16.3	17.0	17.3
Managers and administrators, except farm	12.0	12.3	15.3	15.5	7.4	7.8
Sales workers	6.8	6.8	6.4	6.5	7.3	7.3
Clerical workers	18.6	18.5	6.2	6.1	36.0	35.5
Blue-collar workers	31.2	30.7	44.0	43.6	13.2	12.9
Craft and kindred workers	13.3	13.1	21.5	21.2	1.9	1.9
Operatives, except transport	10.1	10.0	10.7	10.6	9.4	9.1
Transport equipment operatives	3.4	3.3	5.4	5.2	.7	.7
Nonfarm laborers	4.3	4.3	6.5	6.6	1.2	1.2
Service workers	12.1	12.2	8.0	8.0	17.8	17.9
Private household workers	.8	.8	(1)	.1	1.9	1.8
Other service workers	11.3	11.4	7.9	8.0	15.9	16.1
Farm workers	2.9	2.9	4.0	3.1	1.2	1.2
Farmers and farm managers	1.7	1.6	2.5	2.5	.9	.9
Farm laborers and supervisors	1.2	1.2	1.5	1.6	.8	.8
Black and other						
Total, 16 years and over (thousands)	11,588	11,688	6,059	6,083	5,529	5,606
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	39.8	41.1	29.5	30.6	51.2	52.4
Professional and technical	13.2	13.9	11.5	12.4	15.0	15.5
Managers and administrators, except farm	5.4	5.8	6.9	7.2	3.8	4.2
Sales workers	2.9	3.0	2.7	2.8	3.1	3.2
Clerical workers	18.3	18.4	8.4	8.2	29.3	29.5
Blue-collar workers	35.6	34.8	51.8	50.6	17.8	17.7
Craft and kindred workers	9.5	9.2	16.9	16.2	1.4	1.5
Operatives, except transport	14.5	14.6	14.6	14.9	14.3	14.3
Transport equipment operatives	4.7	4.6	8.5	8.2	.6	.7
Nonfarm laborers	6.8	6.5	11.8	11.3	1.4	1.3
Service workers	22.7	22.4	15.8	16.2	30.4	29.3
Private household workers	3.1	2.9	.1	.2	6.3	5.8
Other service workers	19.7	19.6	15.6	16.0	24.1	23.4
Farm workers	1.8	1.6	2.9	2.6	.6	.6
Farmers and farm managers	.3	.3	.6	.5	.1	.1
Farm laborers and supervisors	1.5	1.3	2.4	2.1	.6	.5

[1] Less than 0.05 percent.

23. Employed persons by detailed occupation, sex, and race

(Numbers in thousands)

Occupation	1981		
	Total employed	Percent of total	
		Females	Black and other
Total, 16 years and over	100,397	42.8	11.6
White-collar workers	52,949	53.5	9.1
Professional and technical	16,419	44.6	9.9
Accountants	1,126	38.5	9.9
Architects	93	4.3	10.8
Computer specialists	627	27.1	9.4
Computer programmers	367	29.4	10.4
Computer systems analysts	213	25.8	8.0
Engineers	1,537	4.4	7.3
Aeronautical and astronautical engineers	84	1.2	6.0
Civil engineers	190	1.6	7.9
Electrical and electronic engineers	380	3.9	7.6
Industrial engineers	237	11.4	7.6
Mechanical engineers	252	2.8	5.6
Foresters and conservationists	59	11.9	3.4
Lawyers and judges	581	14.1	4.6
Lawyers	558	14.2	4.8
Librarians, archivists, and curators	192	82.8	5.7
Librarians	177	85.9	6.2
Life and physical scientists	311	21.9	10.6
Biological scientists	59	40.7	11.9
Chemists	138	21.7	15.2
Operations and systems researchers and analysts	199	26.1	7.0
Personnel and labor relations workers	441	49.9	10.9
Physicians, dentists, and related practitioners	828	14.4	11.0
Dentists	130	4.6	6.2
Pharmacists	152	25.7	9.2
Physicians, medical and osteopathic	454	13.7	14.5
Nurses, dietitians, and therapists	1,654	92.6	12.7
Registered nurses	1,339	96.8	12.3
Therapists	251	70.5	12.0
Health technologists and technicians	643	72.3	14.9
Clinical laboratory technologists and technicians	276	76.8	19.2
Radiologic technologists and technicians	104	68.3	11.5
Religious workers	337	11.9	7.4
Clergy	282	5.0	7.8
Social scientists	314	33.8	8.0
Economists	160	25.0	6.9
Psychologists	117	48.7	9.4
Social and recreation workers	511	62.4	20.2
Social workers	390	63.8	21.0
Recreation workers	121	57.9	17.4
Teachers, college and university	585	35.2	9.2
Teachers, except college and university	3,197	70.6	10.1
Adult education teachers	76	42.1	9.2
Elementary school teachers	1,412	83.6	11.4
Prekindergarten and kindergarten teachers	245	98.4	15.5
Secondary school teachers	1,231	51.3	8.0
Teachers except college and university, n.e.c.	233	73.8	7.7
Engineering and science technicians	1,141	18.8	9.9
Chemical technicians	103	26.2	17.5
Drafters	343	19.2	8.7
Electrical and electronic engineering technicians	275	11.3	9.1
Surveyors	92	1.1	4.3
Technicians, except health, engineering, and science	219	22.4	5.0
Airplane pilots	81	1.2	1.2
Radio operators	63	57.1	4.8
Vocational and educational counselors	188	53.7	18.1
Writers, artists, and entertainers	1,388	39.8	6.3
Athletes and kindred workers	135	43.0	7.4
Designers	218	29.4	6.4
Editors and reporters	205	50.2	4.9
Musicians and composers	145	24.8	5.5
Painters and sculptors	211	50.7	5.7
Photographers	101	23.8	7.9
Public relations specialists and publicity writers	123	45.5	4.9
Research workers, not specified	193	38.9	11.4
All other professional and technical workers	55	38.2	5.5
Managers and administrators, except farm	11,540	27.5	5.8
Bank officials and financial managers	696	37.5	5.5
Buyers and purchasing agents	476	35.1	6.1
Buyers, wholesale and retail trade	195	43.6	6.7
Credit and collection managers	68	38.2	4.4
Health administrators	219	49.8	6.8
White collar workers—Continued			
Managers and administrators, except farm—Continued			
Inspectors, except construction and public administration	110	10.9	8.2
Managers and superintendents, building	161	50.9	9.3
Office managers, n.e.c.	504	70.6	4.0
Officials and administrators, public administration n.e.c.	476	29.0	10.3
Officials of lodges, societies, and unions	117	29.1	6.0
Restaurant, cafeteria, and bar managers	727	40.3	9.9
Sales managers and department heads, retail trade	346	40.2	6.6
Sales managers, except retail trade	374	13.9	2.7
School administrators, college	139	35.3	8.6
School administrators, elementary and secondary	291	36.8	10.0
All other managers and administrators	6,836	19.6	5.0
Sales workers	6,425	45.4	5.4
Advertising agents and sales workers	128	47.7	3.1
Demonstrators	106	96.2	3.8
Hucksters and peddlers	170	79.4	7.6
Insurance agents, brokers, and underwriters	595	23.9	6.2
Newspaper carriers and vendors	113	29.2	5.3
Real estate agents and brokers	562	49.8	3.0
Stock and bond sales agents	159	17.0	3.1
Sales workers and sales clerks, n.e.c.	4,585	46.6	5.8
Sales representatives, manufacturing industries	416	20.0	4.1
Sales representatives, wholesale trade	971	11.9	2.9
Sales clerks, retail trade	2,431	71.2	7.7
Sales workers, except clerks, retail trade	525	19.6	3.6
Sales workers, services and construction	241	43.2	5.0
Clerical workers	18,564	80.5	11.6
Bank tellers	569	93.5	7.6
Billing clerks	153	88.2	10.5
Bookkeepers	1,961	91.1	6.3
Cashiers	1,660	86.2	11.8
Clerical supervisors, n.e.c.	250	70.8	10.8
Collectors, bill and account	93	63.4	10.8
Counter clerks, except food	360	76.4	10.3
Dispatchers and starters, vehicle	115	38.3	8.7
Enumerators and interviewers	58	75.9	15.5
Estimators and investigators, n.e.c.	540	54.6	10.6
Expediters and production controllers	254	40.9	8.3
File clerks	315	83.8	22.9
Insurance adjusters, examiners, and investigators	191	58.1	9.9
Library attendants and assistants	152	82.2	14.5
Mail carriers, post office	242	15.7	13.6
Mail handlers, except post office	175	47.4	20.6
Messengers and office helpers	97	26.8	19.6
Office machine operators	966	73.6	17.5
Bookkeeping and billing machine operators	49	87.8	14.3
Computer and peripheral equipment operators	564	63.8	15.8
Keypunch operators	248	93.5	19.4
Payroll and timekeeping clerks	231	81.0	9.5
Postal clerks	269	37.9	26.4
Receptionists	675	97.3	8.6
Secretaries	3,917	99.1	7.2
Secretaries, legal	184	98.9	6.0
Secretaries, medical	83	100.0	6.0
Secretaries, n.e.c.	3,650	99.1	7.3
Shipping and receiving clerks	525	22.5	14.7
Statistical clerks	370	80.3	15.1
Stenographers	74	85.1	13.5
Stock clerks and storekeepers	528	34.8	13.1
Teachers' aides, except school monitors	381	92.9	19.2
Telephone operators	308	92.9	17.2
Ticket, station, and express agents	148	47.3	9.5
Typists	1,031	96.3	17.8
All other clerical workers	1,956	76.9	13.5
Blue-collar workers	31,261	18.6	13.0
Craft and kindred workers	12,662	6.3	8.5
Carpenters	1,122	1.9	5.8
Brickmasons and stonemasons	152	--	12.5
Cement and concrete finishers	64	--	31.3
Electricians	684	1.6	7.9
Excavating, grading, and road machinery operators	422	.5	12.3
Painters, construction and maintenance	471	5.7	10.2

23. Employed persons by detailed occupation, sex, and race — Continued

(Numbers in thousands)

Occupation	1981		
	Total employed	Percent of total	
		Females	Black and other
Blue-collar workers—Continued			
Craft and kindred workers—Continued			
Plumbers and pipefitters	472	.4	7.6
Structural metal craft workers	82	--	3.7
Roofers and slaters	139	--	13.7
Blue-collar worker supervisors, n.e.c.	1,816	11.3	7.6
Machinists and job setters	668	4.0	8.5
Job and die setters, metal	96	5.3	9.6
Machinists	574	3.8	8.5
Metal craft workers, excluding mechanics, machinists, and job setters	626	4.3	7.2
Millwrights	102	--	2.9
Molders, metal	52	17.3	19.2
Sheet metal workers and tinsmiths	157	3.2	6.4
Tool and die makers	175	2.3	2.9
Mechanics, automobiles	1,249	.6	8.7
Automobile body repairers	204	1.0	7.8
Automobile mechanics	1,045	.6	8.9
Mechanics, except automobiles	2,159	2.5	8.1
Air-conditioning, heating, and refrigeration mechanics	212	.5	7.5
Aircraft mechanics	123	3.3	13.0
Data processing machine repairers	100	7.0	8.0
Farm implement mechanics	46	--	8.7
Heavy equipment mechanics, including diesel	1,007	1.8	7.2
Household appliance and accessory installers and mechanics	132	4.5	9.1
Office machine repairers	75	4.0	9.3
Radio and television repairers	109	3.7	6.4
Railroad and car shop mechanics	60	1.7	10.0
Printing craft workers	402	24.9	8.2
Compositors and typesetters	174	35.1	8.6
Printing press operators	166	11.4	7.8
Bakers	135	41.5	13.3
Cabinetmakers	75	2.7	4.0
Carpet installers	85	1.2	4.7
Crane, derrick, and hoist operators	143	.7	15.4
Decorators and window dressers	126	72.2	7.9
Electric power line and cable installers and repairers	117	.9	7.7
Inspectors, n.e.c.	143	8.4	9.1
Locomotive engineers	47	2.1	2.1
Stationary engineers	182	1.6	8.2
Tailors	22	40.9	22.7
Telephone installers and repairers	326	9.8	9.2
Telephone line installers and repairers	79	5.1	6.3
Upholsterers	72	22.2	11.1
All other craft workers	582	14.9	9.8
Operatives, except transport	10,540	19.8	16.2
Assemblers	1,167	52.4	17.1
Bottling and canning operatives	54	42.6	20.4
Checkers, examiners, and inspectors, manufacturing	400	53.8	13.8
Clothing ironers and pressers	118	80.5	39.8
Cutting operatives, n.e.c.	276	31.3	15.9
Dressmakers, except factory	112	97.4	15.4
Drillers, earth	61	--	3.3
Dry wall installers and lathers	82	--	4.9
Filers, polishers, sanders, and buffers	116	31.9	16.4
Furnace tenders, smelters, and pourers, metal	62	3.2	16.1
Garage workers and gas station attendants	349	5.7	10.9
Laundry and dry cleaning operatives, n.e.c.	194	66.5	28.4
Meat cutters and butchers, except manufacturing	178	8.4	10.7
Meat cutters and butchers, manufacturing	98	29.6	18.4
Mine operatives, n.e.c.	270	2.2	5.2
Mixing operatives	78	3.8	16.7
Packers and wrappers, excluding meat and produce	589	63.2	21.1
Painters, manufactured articles	166	16.9	13.9
Photographic process workers	87	50.6	9.2
Precision machine operatives	352	12.8	9.9
Drill press operatives	57	26.3	15.8
Grinding machine operatives	134	10.4	10.4
Lathe and milling machine operatives	102	5.9	8.8
Punch and stamping press operatives	107	31.8	10.3
Sewyers	124	9.7	16.1
Sewers and stitchers	807	96.0	21.6

Occupation	1981		
	Total employed	Percent of total	
		Females	Black and other
Blue-collar workers—Continued			
Operatives, except transport—Continued			
Shoemaking machine operatives	34	91.6	6.4
Furnace tenders and stokers, except metal	79	1.3	10.1
Textile operatives	300	61.0	26.0
Spinners, twisters, and winders	102	86.7	29.4
Welders and flame cutters	725	4.7	13.2
Winding operatives, n.e.c.	56	46.4	12.5
All other operatives, except transport	3,051	10.2	16.1
Transport equipment operatives	1,476	8.9	15.5
Busdrivers	360	47.2	21.1
Delivery and route workers	561	8.5	9.4
Forklift and tow motor operatives	369	5.7	22.0
Railroad switch operators	39	--	5.1
Taxicab drivers and chauffeurs	164	9.8	28.7
Truckdrivers	1,878	2.1	13.9
All other transport equipment operatives	103	3.9	17.5
Nonfarm laborers	4,581	11.5	16.5
Animal caretakers	95	56.8	4.2
Construction laborers including carpenters' helpers	825	3.2	15.8
Freight and material handlers	753	9.7	18.5
Garbage collectors	75	2.7	42.7
Gardeners and grounds keepers, except farm	666	6.7	16.5
Timber cutting and logging workers	101	1.0	17.8
Stockhandlers	992	26.6	12.1
Vehicle washers and equipment cleaners	170	15.3	22.4
Warehouse laborers, n.e.c.	277	8.1	13.0
All other nonfarm laborers	629	9.7	20.7
Service workers	13,448	62.1	19.5
Private households	1,047	96.5	32.4
Child care workers	451	97.6	9.9
Cleaners and servants	468	95.1	51.5
Housekeepers	101	96.0	40.6
Service workers, except private households	12,391	59.2	18.4
Cleaning workers	2,489	38.6	28.0
Lodging quarters cleaners	180	57.2	38.3
Building interior cleaners, n.e.c.	955	55.3	30.4
Janitors and sextons	1,354	17.1	25.0
Food service workers	4,692	66.2	14.0
Bartenders	315	47.3	5.1
Waiters' assistants	234	19.6	14.3
Cooks	1,393	51.9	19.7
Dishwashers	256	28.5	15.9
Food counter and fountain workers	467	83.7	13.3
Waiters	1,477	89.3	7.3
Food service workers, n.e.c.	549	73.0	22.4
Health service workers	1,995	89.2	24.3
Dental assistants	143	97.2	6.3
Health aides, excluding nursing	317	84.2	21.5
Nursing aides, orderlies, and attendants	1,131	86.6	29.0
Practical nurses	403	97.8	19.9
Personal service workers	1,766	76.0	14.0
Attendants	323	53.9	11.5
Barbers	107	16.8	14.0
Child care workers	426	95.5	14.8
Hairdressers and cosmetologists	527	89.3	9.5
Housekeepers, excluding private households	136	69.9	15.4
Welfare service aides	88	88.6	31.8
Protective service workers	1,459	10.1	13.8
Firefighters	214	.9	6.9
Guards	607	13.7	18.8
Police and detectives	512	5.7	10.7
Sheriffs and bailiffs	71	7.0	9.9
Farm workers	2,749	17.8	6.9
Farmers and farm managers	1,485	11.3	2.4
Farmers (owners and tenants)	1,447	11.4	2.3
Farm laborers and supervisors	1,264	23.5	12.3
Farm laborers, wage workers	969	15.9	15.1
Farm laborers, unpaid family workers	254	65.0	2.6

NOTE: N.E.C. is an abbreviation for "not elsewhere classified" and designates broad categories of occupations which cannot be more specifically identified.

HOUSEHOLD DATA
ANNUAL AVERAGES

24. Employed persons by age, sex, and class of worker

[In thousands]

Age and sex	1981								
	Nonagricultural industries						Agriculture		
	Wage and salary workers				Self employed	Unpaid family workers	Wage and salary workers	Self employed	Unpaid family workers
	Total	Private household workers	Government	Other					
Total, 16 years and over	89,583	1,208	15,689	72,685	7,097	390	1,864	1,638	266
16 to 19 years	6,724	294	687	5,742	97	25	274	38	68
16 to 17 years	2,617	209	165	2,243	64	15	129	17	44
18 to 19 years	4,106	86	522	3,499	53	10	146	20	24
20 to 24 years	13,315	106	1,385	11,824	346	26	312	95	28
25 to 34 years	25,709	156	4,573	20,980	1,735	82	358	287	93
35 to 44 years	17,755	124	3,731	13,900	1,753	90	208	298	41
45 to 54 years	14,163	168	3,109	10,885	1,496	88	144	317	47
55 to 64 years	9,811	218	2,065	7,528	1,144	63	116	366	28
55 to 59 years	6,135	118	1,313	4,703	680	35	63	195	19
60 to 64 years	3,676	99	752	2,825	464	25	53	171	9
65 years and over	2,066	142	338	1,585	556	19	51	239	14
Males, 16 years and over	49,745	192	7,676	41,877	4,935	47	1,168	1,442	91
16 to 19 years	3,421	86	219	3,116	60	17	227	35	54
16 to 17 years	1,329	63	77	1,189	27	11	108	17	34
18 to 19 years	2,092	23	141	1,927	33	6	120	18	19
20 to 24 years	6,904	27	578	6,299	231	10	251	88	20
25 to 34 years	14,565	19	2,180	12,366	1,158	5	279	253	6
35 to 44 years	9,998	10	1,833	8,155	1,205	4	155	248	2
45 to 54 years	8,032	12	1,597	6,423	1,052	2	116	273	2
55 to 64 years	5,667	15	1,077	4,575	818	5	92	326	1
55 to 59 years	3,533	9	677	2,847	687	3	50	169	1
60 to 64 years	2,134	6	400	1,728	330	2	43	157	1
65 years and over	1,158	23	192	942	381	4	46	218	5
Females, 16 years and over	39,798	1,016	8,013	30,769	2,192	343	296	196	176
16 to 19 years	3,303	208	269	2,826	37	8	47	2	14
16 to 17 years	1,288	146	88	1,054	17	4	21	--	9
18 to 19 years	2,015	62	181	1,772	19	4	26	2	5
20 to 24 years	6,412	79	807	5,525	115	16	61	6	8
25 to 34 years	11,144	137	2,393	8,615	547	77	78	34	34
35 to 44 years	7,756	114	1,898	5,745	548	86	53	49	39
45 to 54 years	6,130	157	1,511	4,462	444	86	28	43	45
55 to 64 years	4,144	233	988	2,953	327	55	24	40	26
55 to 59 years	2,601	109	636	1,856	193	32	13	25	18
60 to 64 years	1,543	94	352	1,097	134	23	11	15	8
65 years and over	908	119	146	643	175	15	5	20	10

25. Employed persons by industry and occupation

[In thousands]

Industry	1981											
	Total employed	Professional and technical workers	Managers and administrators, except farm	Sales workers	Clerical workers	Craft and kindred workers	Operatives, except transport	Transport equipment operatives	Nonfarm laborers	Private household workers	Other service workers	Fa...
Agriculture	3,368	96	38	9	83	60	15	28	284	--	16	2,...
Mining	1,118	161	107	7	132	261	357	57	26	--	12	
Construction	6,060	210	797	34	478	3,277	269	166	797	--	30	
Manufacturing	21,817	2,567	1,700	542	2,697	4,229	7,944	762	986	--	411	
Durable goods	13,166	1,778	982	192	1,608	2,827	4,605	361	576	--	236	
Nondurable goods	8,651	769	717	351	1,089	1,402	3,339	401	410	--	175	
Transportation and public utilities	6,633	633	714	84	1,548	1,391	174	1,458	446	--	185	
Wholesale and retail trade	20,524	453	4,009	4,223	3,644	1,428	928	732	1,257	--	3,851	
Wholesale trade	4,016	169	844	961	800	341	232	374	283	--	61	
Retail trade	16,508	284	3,165	3,262	2,843	1,087	725	358	973	--	3,810	
Finance, insurance, and real estate	6,133	378	1,191	1,320	2,810	99	11	9	69	--	246	
Services	29,511	10,931	2,261	200	5,350	1,633	799	211	572	1,047	6,536	
Private households	1,276	16	--	--	12	10	4	2	106	1,047	39	
Other service industries	28,235	10,885	2,261	200	5,338	1,623	795	209	426	--	6,498	
Public administration	5,233	1,050	723	5	1,823	283	85	53	187	--	1,105	

26. Employed persons in nonagricultural industries by sex and class of worker

(In thousands)

Industry and sex	1981					
	Total employed	Wage and salary workers			Self-employed workers	Unpaid family workers
		Total	Government	Private industries		
TOTAL						
Both sexes, 16 years and over	1,118	1,090	2	1,088	25	2
Mining	6,360	4,867	490	4,377	1,152	41
Construction	21,817	21,427	133	21,294	362	28
Manufacturing	13,166	12,931	102	12,829	219	16
Durable goods	8,651	8,496	31	8,465	141	12
Nondurable goods	6,933	6,327	810	5,516	238	12
Transportation and public utilities	20,524	18,469	102	18,367	1,885	170
Wholesale and retail trade	4,016	3,706	4	3,702	293	16
Wholesale trade	16,508	14,763	98	14,665	1,592	153
Retail trade	6,133	5,666	136	5,530	451	15
Finance, insurance, and real estate	29,511	26,464	8,783	17,681	2,926	121
Services	1,276	1,208	--	1,208	66	2
Private households	28,235	25,256	8,783	16,473	2,860	119
Other service industries	4,138	3,263	42	3,221	826	50
Business repair	2,638	1,838	14	1,824	777	23
Personal	1,107	943	90	854	157	6
Entertainment and recreation	20,201	19,103	8,560	10,544	1,358	40
Professional	3,475	3,119	505	2,614	338	24
Medical, except hospital	4,185	4,181	1,157	3,024	4	--
Hospitals	1,631	1,594	608	986	35	2
Welfare and religion	8,033	7,889	6,382	1,667	152	2
Education	2,936	2,361	109	2,252	533	11
Other	151	108	77	31	42	1
Forestry and fisheries	5,233	5,233	5,233	--	--	--
Public administration						
Males						
Both sexes, 16 years and over	939	924	1	923	25	--
Mining	5,566	4,889	439	4,010	1,112	5
Construction	14,906	14,624	106	14,518	280	3
Manufacturing	9,796	9,613	84	9,529	184	1
Durable goods	5,108	5,011	22	4,989	96	2
Nondurable goods	4,875	4,606	590	4,017	267	2
Transportation and public utilities	10,937	9,747	42	9,704	1,180	20
Wholesale and retail trade	2,981	2,729	3	2,726	248	4
Wholesale trade	7,925	7,017	39	6,978	892	17
Retail trade	2,545	2,219	73	2,147	325	1
Finance, insurance, and real estate	11,601	9,827	3,076	6,751	1,757	17
Services	195	192	--	192	2	1
Private households	11,406	9,635	3,076	6,559	1,755	16
Other service industries	2,794	2,116	23	2,092	671	7
Business repair	880	654	4	649	222	4
Personal	671	559	55	504	110	2
Entertainment and recreation	6,936	6,224	2,940	3,284	711	2
Professional	851	588	138	450	262	--
Medical, except hospital	986	983	367	616	3	--
Hospitals	673	648	162	486	28	--
Welfare and religion	2,786	2,760	2,198	562	25	1
Education	1,641	1,245	75	1,170	396	--
Other	124	83	54	29	40	--
Forestry and fisheries	3,348	3,348	3,348	--	--	--
Public administration						
Females						
Both sexes, 16 years and over	170	166	--	165	2	2
Mining	494	418	50	368	40	16
Construction	6,911	6,804	28	6,776	82	25
Manufacturing	3,368	3,318	18	3,300	35	15
Durable goods	3,543	3,485	9	3,476	47	11
Nondurable goods	1,758	1,720	221	1,499	27	11
Transportation and public utilities	9,617	8,722	60	8,663	745	149
Wholesale and retail trade	1,034	977	1	976	45	13
Wholesale trade	8,583	7,746	59	7,687	700	137
Retail trade	3,588	3,447	63	3,384	127	14
Finance, insurance, and real estate	17,911	16,637	5,706	10,930	1,170	105
Services	1,081	1,016	--	1,016	64	2
Private households	16,830	15,621	5,706	9,914	1,106	103
Other service industries	1,343	1,147	19	1,128	155	42
Business repair	1,758	1,184	10	1,175	555	19
Personal	436	384	35	349	47	4
Entertainment and recreation	13,265	12,880	5,620	7,260	347	38
Professional	2,625	2,530	366	2,164	71	23
Medical, except hospital	3,200	3,198	790	2,408	1	--
Hospitals	958	946	446	500	10	2
Welfare and religion	5,217	5,089	3,984	1,105	127	1
Education	1,269	1,116	34	1,082	137	11
Other	27	25	23	3	2	--
Forestry and fisheries	1,884	1,884	1,884	--	--	--
Public administration						

HOUSEHOLD DATA
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27. Employed persons by industry, sex, and occupation

(Percent distribution)

Industry and sex	1981												
	Total employed		White collar workers				Blue collar workers				Service workers		Farm workers
	Numbers (in thousands)	Percent	Professional and technical workers	Managers and administrators, except farm	Sales workers	Clerical workers	Craft and kindred workers	Operatives, except transport	Transport equipment operatives	Nonfarm laborers	Private household workers	Other service workers	
TOTAL													
Agriculture	3,368	100.0	2.6	1.1	.3	2.5	1.8	.4	.8	8.4	--	.5	81.6
Mining	1,118	100.0	14.4	9.6	.6	11.8	23.3	31.9	5.1	2.3	--	1.1	--
Construction	6,060	100.0	3.5	13.2	.6	7.9	54.1	4.4	2.7	13.2	--	.5	--
Manufacturing	21,817	100.0	11.7	7.8	2.5	12.4	19.4	36.4	3.5	4.5	--	1.9	--
Durable goods	13,166	100.0	13.5	7.5	1.5	12.2	21.5	35.0	2.7	4.4	--	1.8	--
Nondurable goods	8,651	100.0	8.9	8.3	4.1	12.6	16.2	38.6	4.6	4.7	--	2.0	--
Transportation and public utilities	6,633	100.0	9.5	10.8	1.3	23.3	21.0	2.6	22.0	6.7	--	2.8	--
Wholesale and retail trade	20,524	100.0	2.2	19.5	20.6	17.8	7.0	4.5	3.6	6.1	--	18.8	--
Wholesale trade	4,316	100.0	4.2	21.0	23.9	19.9	8.5	5.0	9.3	7.0	--	1.0	--
Retail trade	16,508	100.0	1.7	19.2	19.8	17.2	6.6	4.4	2.2	5.9	--	23.1	--
Finance, insurance, and real estate	6,133	100.0	6.2	19.4	21.5	45.8	1.6	.2	.1	1.1	--	4.0	--
Services	29,311	100.0	36.9	7.7	.7	18.1	5.5	2.7	.7	1.9	3.5	22.1	--
Private households	1,276	100.0	1.3	--	--	.9	.8	.3	.2	11.4	82.1	3.0	--
Other service industries	28,235	100.0	38.6	8.0	.7	18.9	5.7	2.8	.7	1.5	--	23.0	--
Public administration	5,233	100.0	20.1	13.8	.1	34.8	5.4	.9	1.0	2.8	--	21.1	--
Males													
Agriculture	2,700	100.0	2.3	1.1	.2	.3	2.1	.4	1.0	8.6	--	.3	83.7
Mining	949	100.0	13.3	10.0	.7	2.4	27.2	36.9	5.9	2.5	--	.9	--
Construction	5,566	100.0	3.3	13.5	.5	2.2	58.3	4.8	3.0	14.0	--	.4	--
Manufacturing	14,906	100.0	13.8	9.7	2.7	5.4	25.8	29.8	4.9	5.6	--	2.2	--
Durable goods	9,798	100.0	15.5	8.7	1.7	5.5	26.9	31.0	3.6	5.2	--	2.0	--
Nondurable goods	5,108	100.0	10.6	11.6	4.8	5.3	23.7	27.5	7.5	6.5	--	2.7	--
Transportation and public utilities	4,875	100.0	10.4	11.4	1.0	9.5	27.5	3.2	25.8	8.8	--	2.3	--
Wholesale and retail trade	10,907	100.0	2.8	25.9	18.7	5.6	11.4	6.0	6.3	9.6	--	13.8	--
Wholesale trade	2,981	100.0	4.2	24.1	28.4	6.4	10.9	4.5	12.2	8.3	--	1.1	--
Retail trade	7,926	100.0	2.2	26.6	15.0	5.3	11.6	6.6	4.1	10.0	--	18.5	--
Finance, insurance, and real estate	2,545	100.0	8.3	28.8	34.1	15.0	3.6	.2	.4	2.6	--	7.0	--
Services	11,601	100.0	42.4	12.1	.9	4.8	13.0	3.7	1.6	4.4	.3	16.7	--
Private households	195	100.0	1.5	--	--	.5	4.6	1.0	1.0	71.3	19.5	1.0	--
Other service industries	11,406	100.0	43.1	12.3	.9	4.9	13.1	3.8	1.6	3.2	--	17.0	--
Public administration	3,348	100.0	21.7	15.5	.3	19.1	8.1	1.2	1.5	4.0	--	28.8	--
Females													
Agriculture	667	100.0	3.6	1.2	.4	11.2	.3	.6	.3	7.6	--	1.3	73.5
Mining	170	100.0	20.6	6.5	--	63.5	1.8	3.5	.6	1.2	--	1.8	--
Construction	494	100.0	5.1	8.7	1.2	72.3	6.9	1.0	.4	3.2	--	1.2	--
Manufacturing	6,911	100.0	7.1	3.7	1.9	27.3	5.5	50.7	.5	2.1	--	1.2	--
Durable goods	3,368	100.0	7.8	3.8	.9	31.6	5.6	46.6	.4	2.0	--	1.3	--
Nondurable goods	3,543	100.0	6.4	3.6	2.9	23.1	5.4	54.6	.5	2.3	--	1.1	--
Transportation and public utilities	1,758	100.0	7.1	8.9	2.1	61.7	2.8	1.0	11.4	.9	--	4.2	--
Wholesale and retail trade	9,617	100.0	1.6	12.3	22.7	31.5	1.9	2.8	.4	2.2	--	24.4	--
Wholesale trade	1,034	100.0	4.2	12.1	11.1	58.9	1.6	6.7	1.1	3.5	--	.9	--
Retail trade	8,583	100.0	1.3	12.3	24.1	28.2	2.0	2.4	.4	2.1	--	27.3	--
Finance, insurance, and real estate	3,588	100.0	4.7	12.7	12.6	67.7	.2	.1	--	.1	--	1.9	--
Services	17,911	100.0	33.4	4.8	.5	26.7	.7	2.1	.1	.4	5.6	25.7	--
Private households	1,081	100.0	1.2	--	--	1.0	.1	.2	--	.6	93.4	3.4	--
Other service industries	16,830	100.0	35.5	5.1	.6	28.4	.7	2.2	.2	.3	--	27.1	--
Public administration	1,884	100.0	17.1	10.8	.2	62.7	.6	.4	.1	.6	--	7.5	--

28. Employed persons by industry, race, and occupation

(Percent distribution)

Industry and race	1981											
	Total employed		White-collar workers				Blue-collar workers				Service workers		Farm workers
	Numbers (in thousands)	Percent	Professional and technical workers	Managers and administrators, except farm	Sales workers	Clerical workers	Craft and kindred workers	Operatives, except transport	Transport equipment operatives	Nonfarm laborers	Private household workers	Other service workers	
WHITE													
Agriculture	3,109	100.0	2.6	1.2	.3	2.6	1.7	.4	.7	7.7	--	.4	82.3
Mining	1,062	100.0	14.4	9.8	.7	11.6	23.5	31.8	5.0	2.4	--	.9	--
Construction	5,572	100.0	3.5	13.9	.6	8.1	54.5	4.4	2.5	12.1	--	.4	--
Manufacturing	19,245	100.0	12.3	8.6	2.7	12.8	20.1	34.3	3.4	4.2	--	1.7	--
Durable goods	11,722	100.0	14.1	8.2	1.6	12.6	22.0	33.3	2.6	4.0	--	1.6	--
Nondurable goods	7,524	100.0	9.4	9.2	4.4	13.2	17.0	35.8	4.6	4.5	--	1.8	--
Transportation and public utilities	5,782	100.0	10.0	11.7	1.3	23.0	21.9	2.6	21.3	5.7	--	2.5	--
Wholesale and retail trade	18,667	100.0	2.3	20.2	21.3	17.7	7.0	4.3	3.4	5.9	--	18.1	--
Wholesale trade	3,700	100.0	4.2	21.8	25.2	19.9	8.4	4.4	8.7	6.4	--	.9	--
Retail trade	14,966	100.0	1.8	19.8	20.3	17.1	6.7	4.3	2.0	5.8	--	22.3	--
Finance, insurance, and real estate	5,527	100.0	6.1	20.4	22.8	44.5	1.5	.2	.1	1.1	--	3.4	--
Services	25,348	100.0	38.4	8.2	.8	18.7	5.9	2.6	.7	1.9	2.8	20.0	--
Private households	890	100.0	1.6	--	--	1.0	1.0	.3	.2	13.2	79.6	3.0	--
Other service industries	24,458	100.0	39.8	8.5	.8	19.4	6.1	2.6	.7	1.5	--	20.7	--
Public administration	4,397	100.0	21.0	14.8	.1	32.9	5.3	.7	.9	2.6	--	21.7	--
BLACK AND OTHER													
Agriculture	259	100.0	1.9	.8	--	.4	1.9	.8	1.9	17.0	--	1.5	73.7
Mining	56	100.0	14.0	5.3	--	14.0	19.3	33.3	7.0	3.5	--	3.5	--
Construction	488	100.0	3.5	5.1	--	5.5	44.0	4.5	5.9	25.2	--	1.2	--
Manufacturing	2,572	100.0	7.2	1.8	.8	8.7	14.2	52.4	4.5	6.8	--	3.5	--
Durable goods	1,444	100.0	8.4	1.7	.3	9.0	16.9	48.5	4.7	7.3	--	3.6	--
Nondurable goods	1,128	100.0	5.8	2.0	1.4	8.4	10.8	57.4	4.7	6.1	--	3.4	--
Transportation and public utilities	851	100.0	6.3	4.6	.7	25.7	14.4	3.1	26.6	13.7	--	4.8	--
Wholesale and retail trade	1,857	100.0	1.8	13.1	13.6	18.7	6.3	6.5	5.7	8.5	--	25.8	--
Wholesale trade	315	100.0	4.1	11.1	8.9	20.6	9.2	13.0	16.2	14.3	--	2.5	--
Retail trade	1,542	100.0	1.3	13.5	14.6	18.3	5.7	5.2	3.6	7.3	--	30.5	--
Finance, insurance, and real estate	606	100.0	6.6	10.4	9.7	58.2	2.8	.3	.5	1.6	--	9.9	--
Services	4,163	100.0	27.7	4.3	.2	14.4	3.5	3.6	.8	2.4	8.1	35.0	--
Private households	386	100.0	.5	--	--	.8	.5	.3	--	7.2	87.6	3.1	--
Other service industries	3,777	100.0	30.5	4.7	.2	15.8	3.8	4.0	.9	1.9	--	38.2	--
Public administration	836	100.0	15.4	8.6	.1	44.8	5.6	1.7	1.8	4.1	--	17.9	--

29. Employed persons in nonagricultural industries by sex, age, and race

(Percent distribution)

Sex, age, and race	1981									
	Mining	Construction	Manufacturing			Transportation and public utilities	Wholesale and retail trade	Finance, insurance, and real estate	Service industries	Public administration
			Total	Durable goods	Nondurable goods					
TOTAL										
Total, 16 years and over (in thousands)	1,118	6,060	21,817	13,166	8,651	6,633	20,524	6,133	28,235	5,233
Percent	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
16 to 19 years	3.1	5.0	3.7	3.0	4.8	2.5	16.3	4.5	5.3	2.3
20 years and over	96.9	95.0	96.3	97.0	95.2	97.5	83.7	95.5	94.7	97.7
20 to 24 years	17.1	15.2	11.9	11.7	14.3	11.2	17.6	16.5	12.8	8.2
25 years and over	79.8	79.8	84.3	85.3	80.9	86.3	66.1	79.1	81.9	89.5
25 to 54 years	69.2	69.2	68.5	69.5	67.0	73.6	53.1	64.5	67.1	74.1
55 years and over	10.6	10.6	15.9	15.8	13.9	12.8	13.0	14.6	14.7	15.4
Males, 16 years and over	86.7	91.9	68.3	74.4	59.0	73.5	53.1	41.5	40.4	68.0
16 to 19 years	3.6	4.6	3.5	3.2	3.9	3.8	8.2	3.5	3.2	3.0
20 years and over	83.1	87.2	65.8	71.3	56.0	71.7	44.9	40.3	38.2	65.0
20 to 24 years	11.2	14.0	9.0	9.7	8.0	7.4	9.0	6.2	4.8	3.9
25 years and over	68.9	73.2	56.8	61.6	48.0	64.3	35.9	34.1	33.4	59.0
25 to 54 years	59.5	61.4	47.1	50.9	39.1	54.0	26.8	28.1	26.8	44.1
55 years and over	9.4	11.9	9.7	10.7	8.3	10.3	7.1	6.1	6.6	10.4
Females, 16 years and over	13.2	8.2	31.7	25.6	40.9	26.5	46.9	58.5	59.6	32.0
16 to 19 years	.5	.3	1.2	.8	1.8	.6	8.0	1.0	2.1	1.2
20 years and over	12.7	7.9	30.5	24.7	39.2	25.9	38.8	57.5	56.5	30.8
20 to 24 years	3.8	1.1	2.9	2.1	4.1	3.8	8.1	10.2	8.0	4.7
25 years and over	10.9	6.7	27.5	22.7	35.9	22.0	30.1	47.4	48.5	26.1
25 to 54 years	9.7	5.8	21.4	17.6	27.1	19.6	24.2	38.4	40.4	23.3
55 years and over	1.2	.9	6.1	5.1	8.8	2.4	5.9	8.4	8.2	3.4
White										
Males, 16 years and over	80.8	86.1	60.9	66.6	53.2	66.1	44.2	37.9	35.5	55.5
16 to 19 years	2.5	4.4	2.3	2.0	2.8	2.6	7.3	2.8	2.9	2.8
20 years and over	78.3	81.8	58.6	64.6	50.3	63.5	36.9	35.0	32.6	52.7
20 to 24 years	10.6	13.0	8.0	8.6	7.3	6.6	8.0	5.6	4.2	3.3
25 years and over	65.7	68.9	50.5	56.0	42.9	56.9	32.4	33.5	29.3	51.4
25 to 54 years	56.3	58.2	41.6	46.1	34.9	48.8	23.9	25.1	23.3	41.0
55 years and over	9.3	10.8	9.0	9.8	8.1	9.4	8.5	9.1	6.0	9.4
Females, 16 years and over	14.2	7.7	27.1	22.5	34.6	22.8	42.9	57.2	51.1	28.5
16 to 19 years	.5	.3	1.1	.8	1.6	.6	7.3	3.1	2.1	.9
20 years and over	13.7	7.3	26.2	21.7	33.1	22.1	35.6	54.1	48.4	27.6
20 to 24 years	3.5	1.0	4.3	3.6	5.3	3.3	7.9	10.1	7.0	3.3
25 years and over	10.2	6.3	21.9	18.1	27.8	18.9	27.6	44.4	41.3	24.3
25 to 54 years	9.0	5.5	18.2	15.2	23.6	16.5	22.0	32.3	34.2	19.9
55 years and over	1.2	.9	3.8	2.9	5.2	2.0	5.5	8.4	7.1	4.4
Black and other										
Males, 16 years and over	5.0	5.5	7.4	7.9	6.7	6.9	9.1	3.6	4.9	8.1
16 to 19 years	.2	.2	.2	.2	.2	.2	.7	.1	.1	.2
20 years and over	4.8	5.3	7.2	7.7	6.5	6.7	8.4	3.5	4.8	8.0
20 to 24 years	.7	1.0	1.0	1.1	.9	1.0	.9	.1	.7	.5
25 years and over	3.1	4.3	6.2	6.6	5.5	5.6	7.5	3.4	4.1	7.5
25 to 54 years	2.8	3.2	5.4	5.8	4.9	5.1	5.9	2.4	3.2	6.8
55 years and over	.4	1.1	.8	.8	.7	.9	.8	.5	.8	1.0
Females, 16 years and over	1.0	.3	4.4	3.1	6.3	3.7	7.9	6.3	6.5	5.5
16 to 19 years	--	--	.1	.1	.2	--	.6	.1	.1	.1
20 years and over	1.1	.4	4.2	3.0	6.1	3.6	7.4	6.0	6.3	5.4
20 to 24 years	.4	.1	.7	.5	1.0	.5	1.6	1.0	1.0	1.0
25 years and over	.7	.3	3.6	2.5	5.1	3.1	5.8	5.0	5.3	4.3
25 to 54 years	.7	.3	3.3	2.3	4.7	3.0	5.2	4.1	4.6	3.9
55 years and over	--	--	.3	.2	.4	.1	.6	.8	1.0	.5

1 Excludes all-male households.

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30. Employed persons by detailed industry, sex, and race

(Numbers in thousands)

Industry	1981		
	Total employed	Percent of total	
		Females	Black and other
Total, 16 years and over	100,397	42.8	11.6
Agriculture, forestry, and fisheries	3,518	19.7	7.8
Agricultural production	2,797	18.7	6.9
Agricultural services, except horticultural	275	43.3	6.9
Horticultural services	296	8.1	15.2
Forestry	87	27.6	6.9
Fisheries	64	4.7	12.5
Mining	1,118	15.2	5.0
Metal mining	134	9.7	3.7
Coal mining	235	5.5	3.8
Crude petroleum and natural gas extraction	635	21.1	5.2
Nonmetallic mining and quarrying, except fuel	114	7.9	7.9
Construction	6,060	8.2	8.1
General building contractors	1,523	7.1	7.7
General contractors, except building	1,034	6.3	10.0
Special trade contractors	3,368	7.7	7.2
Not specified construction	515	11.3	10.1
Manufacturing	21,817	31.7	11.6
Durable goods	13,166	25.6	11.0
Lumber and wood products, except furniture	680	21.6	13.7
Logging	171	4.6	19.1
Sawmills, planing mills, and mill work	367	13.1	14.4
Miscellaneous wood products	140	22.1	15.7
Furniture and fixtures	320	30.4	9.7
Stone, clay, and glass products	641	20.3	11.9
Glass and glass products	208	29.1	14.4
Cement, concrete, gypsum, and plaster products	216	9.3	13.9
Miscellaneous nonmetallic mineral and stone products	149	21.0	10.1
Primary metal industries	1,156	11.7	14.1
Blast furnaces, steelworks, rolling, and finishing mills	443	8.3	12.4
Other primary iron and steel industries	325	11.0	18.0
Primary aluminum industries	188	14.4	10.3
Other primary nonferrous industries	199	21.3	10.6
Fabricated metal products	1,441	23.1	9.4
Cutlery, hand tools and other hardware	168	36.9	10.2
Fabricated structural metal products	347	14.4	8.1
Screw machine products	94	31.9	8.4
Metal stamping	110	30.9	10.9
Miscellaneous fabricated metal products	520	24.0	9.0
Machinery, except electrical	2,854	21.4	7.0
Engines and turbines	133	17.4	6.9
Farm machinery and equipment	171	14.6	9.7
Construction and material handling machines	411	14.1	10.9
Metalworking machinery	366	18.9	6.1
Office and accounting machines	334	62.1	14.0
Electronic computing equipment	301	31.4	9.1
Machinery, except electrical, n.e.c.	1,139	19.4	6.0
Electrical machinery, equipment, and supplies	1,360	41.0	11.4
Household appliances	153	36.9	10.9
Radio, TV, and communication equipment	604	41.8	13.9
Electrical machinery, equipment, and supplies, n.e.c.	1,593	44.3	10.7
Transportation equipment	2,136	17.3	13.3
Motor vehicles and motor vehicle equipment	1,012	14.9	14.1
Aircraft and parts	686	22.4	10.3
Ship and boat building and repairing	104	11.8	20.4
Mobile dwellings and campers	58	19.0	12.1
Professional and photographic equipment, and watches	615	41.6	8.9
Scientific and controlling instruments	203	37.4	6.9
Optical and health services supplies	243	51.9	9.5
Photographic equipment and supplies	145	30.3	11.0
Ordnance	255	24.3	8.6
Miscellaneous manufacturing industries	506	45.5	12.3
Nondurable goods industries	8,651	41.0	13.0
Food and kindred products	1,780	29.1	13.8
Meat products	362	32.0	14.9
Dairy products	190	18.9	5.8
Canning and preserving fruits, vegetables, and seafood	263	43.0	14.1
Grain mill products	147	21.8	10.2
Bakery products	295	26.1	15.6
Confectionery and related products	44	50.0	17.2
Beverage industries	345	21.2	11.8
Miscellaneous food preparation and kindred products	314	38.5	19.2

Industry	1981		
	Total employed	Percent of total	
		Females	Black and other
Nondurable goods industries—Continued	69	30.4	27.5
Tobacco manufactures	744	60.7	19.9
Textile mill products	191	72.0	19.7
Knitting mills	411	65.5	20.4
Yarn, thread, and fabric mills	58	37.9	22.4
Miscellaneous textile mill products	1,263	78.1	19.2
Apparel and other fabricated textile products	1,108	80.3	19.0
Apparel and accessories	156	61.5	16.0
Miscellaneous fabricated textile products	231	23.6	10.1
Paper and allied products	612	14.1	9.3
Pulp, paper, and paperboard mills	223	13.3	9.6
Miscellaneous paper and pulp products	197	24.4	10.2
Paperboard containers and boxes	1,994	41.8	7.3
Printing, publishing, and allied industries	908	40.1	5.9
Newspaper publishing and printing			
Printing, publishing, and allied industries, except newspapers	1,086	41.7	8.0
Chemicals and allied products	1,285	27.7	11.5
Industrial chemicals	471	17.8	12.3
Plastics, synthetics and resins, except fibers	85	20.0	9.4
Synthetic fibers	95	33.7	17.9
Drugs and medicines	111	40.5	11.8
Soaps and cosmetics	170	48.2	14.7
Paints, varnishes, and related products	77	18.2	13.6
Agricultural chemicals	65	16.9	23.1
Miscellaneous chemicals	108	34.0	13.0
Petroleum and coal products	231	18.2	11.7
Petroleum refining	199	16.7	10.6
Rubber and miscellaneous plastic products	466	35.0	9.0
Rubber products	250	30.5	10.4
Miscellaneous plastic products	407	37.6	8.1
Leather and leather products	299	62.9	7.0
Footwear, except rubber	180	66.1	4.7
Leather products, except footwear	81	45.4	13.3
Transportation, communications, and other public utilities	6,833	26.7	11.8
Transportation	3,790	21.1	12.8
Railroads and railway express service	543	7.5	9.8
Street railways and bus lines	261	30.8	13.6
Taxicab service	96	9.5	32.7
Trucking service	1,301	17.1	9.2
Warehousing and storage	167	24.3	11.6
Water transportation	198	12.6	11.1
Air transportation	566	29.1	13.2
Services incidental to transportation	195	32.9	9.3
Communications	1,504	42.8	13.3
Radio broadcasting and television	216	38.0	10.2
Telephone (wire) and radio	1,169	50.9	14.5
Telegraph and miscellaneous communications services	120	31.7	7.5
Utilities and sanitary services	1,436	18.7	12.9
Electric light and power	604	19.2	9.3
Electric gas utilities	180	21.6	11.1
Gas and steam supply systems	179	12.3	7.8
Water supply	141	21.0	12.7
Sanitary services	333	9.1	25.9
Wholesale and retail trade	20,584	46.9	9.0
Wholesale trade	5,016	25.2	7.8
Motor vehicles and equipment	349	15.7	5.6
Drugs, chemicals, and allied products	196	31.4	8.2
Dry goods and apparel	710	40.5	7.9
Food and related products	621	24.0	11.9
Farm products—raw materials	129	23.2	4.8
Electrical goods	239	29.8	5.4
Hardware, plumbing, and heating supplies	134	28.7	5.2
Machinery equipment and supplies	928	25.1	4.8
Metals and minerals, n.e.c.	116	18.4	4.8
Petroleum products	181	24.9	5.5
Scrap and waste materials	137	8.8	14.1
Alcoholic beverages	118	19.2	10.6
Paper and its products	98	27.6	9.2
Lumber and construction materials	161	20.5	7.5
Wholesalers, n.e.c.	574	23.8	9.9
Retail trade	15,568	52.0	9.3
Lumber and building material retailing	424	24.2	6.1
Hardware and farm equipment stores	295	29.3	5.4
Department and mail order establishments	2,101	70.6	11.4

30. Employed persons by detailed industry, sex, and race—Continued

(Numbers in thousands)

Industry	1981			Industry	1981		
	Total employed	Percent of total			Total employed	Percent of total	
		Females	Black and other			Females	Black and other
Wholesale and retail trade—Continued				Service industries—Continued			
Retail trade—Continued				Business and repair services—Continued	235	26.0	14.5
Limited price variety stores	151	76.8	10.6	Automobile services, except repair	754	8.2	7.7
Vending machine operators	83	39.8	9.5	Automobile repair and related services	151	15.9	9.9
Direct selling establishments	328	78.0	6.4	Electrical repair shops	482	14.9	6.2
Miscellaneous general merchandise stores	198	74.2	13.6	Miscellaneous repair services	3,914	72.5	20.2
Grocery stores	2,294	46.5	9.7	Private households	1,276	84.7	30.3
Dairy products stores	50	62.0	4.0	Hotels and motels	816	58.6	22.4
Retail bakeries	142	64.1	6.3	Lodging places, except hotels and motels	381	81.4	6.8
Food stores, n.e.c.	168	51.8	8.9	Laundering, cleaning, and other garment services	417	58.8	22.5
Motor vehicle dealers	816	15.3	5.8	Beauty shops	583	89.0	9.6
Tire, battery, and accessory dealers	330	18.2	7.0	Barber shops	105	18.1	13.3	
Gasoline service stations	599	14.5	6.7	Dressmaking shops	48	93.8	14.6
Miscellaneous vehicle dealers	102	21.6	5.9	Miscellaneous personal services	264	51.5	8.0
Apparel and accessory stores, except shoe stores	490	77.4	8.7	Entertainment and recreation services	1,107	39.4	9.1
Shoe stores	147	45.6	12.9	Theaters and motion pictures	367	33.5	8.7
Furniture and home furnishings stores	467	35.3	7.7	Bowling alleys, billiard and pool parlors	87	43.7	6.9
Household appliances, T.V., and radio stores	302	28.8	4.3	Miscellaneous entertainment and recreation services	652	42.2	9.8
Eating and drinking places	4,584	59.5	11.6	Professional and related services	20,201	65.7	14.0
Drug stores	469	62.6	7.3	Offices of physicians	811	67.4	6.3
Liquor stores	163	32.1	16.0	Offices of dentists	423	70.4	4.5
Farm and garden supply stores	151	27.3	6.6	Hospitals	4,186	76.4	19.5
Jewelry stores	159	58.5	8.1	Convalescent institutions	1,230	86.9	19.5
Fuel and ice dealers	99	25.3	5.0	Offices of health practitioners, n.e.c.	83	55.4	3.6
Retail florists	149	73.8	10.1	Health services, n.e.c.	684	72.6	20.0
Miscellaneous retail stores	1,058	56.8	6.3	Legal services	813	51.2	5.0
				Elementary and secondary schools	5,439	70.9	13.1
	6,133	58.5	9.9	Colleges and universities	2,147	49.8	12.3
Finance, insurance, and real estate	1,762	75.0	12.8	Libraries	138	81.2	13.0
Banking	574	67.4	7.0	Educational services, n.e.c.	276	64.5	11.2
Credit agencies				Museums, art galleries, and zoos	74	51.4	6.8
Security, commodity brokerage, and investment companies	385	36.6	6.5	Religious organizations	640	40.5	8.5
Insurance	1,930	55.9	9.9	Welfare services	865	71.3	24.2
Real estate, including real estate-insurance law offices	1,483	46.9	8.9	Residential welfare facilities	124	65.1	18.3
				Nonprofit membership organizations	478	55.6	10.0
	29,360	60.9	14.1	Engineering and architectural services	635	19.6	8.1
Service industries	4,138	32.5	10.6	Accounting, auditing, and bookkeeping services	489	47.6	5.3
Business and repair services	211	47.9	7.1	Miscellaneous professional and related services	413	45.3	7.0
Advertising	373	7.3	23.9				
Services to dwellings and other buildings	175	7.4	10.7		5,233	36.0	16.0
Commercial research, development, and testing labs	225	73.3	11.4	Public administration	682	26.8	22.3
Employment and temporary help agencies	349	52.4	6.3	Postal service	1,624	39.1	19.7
Business management and consulting services	227	38.3	9.3	Federal public administration	981	39.6	10.7
Computer programming services	344	18.4	22.1	State public administration	1,946	34.7	13.3
Detective and protective services	714	30.1	8.0	Local public administration			
Business services, n.e.c.							

NOTE: N.E.C. is an abbreviation for "not elsewhere classified" and designates broad categories of industries which cannot be more specifically identified.

31. Employed persons with a job but not at work by reason, sex, and pay status

[In thousands]

Reason not working and sex	All industries		Nonagricultural industries					
			Total		Wage and salary workers[1]			
					Paid absences[2]		Unpaid absences[2]	
	1980	1981	1980	1981	1980	1981	1980	1981
Total, 16 years and over	5,881	5,790	5,729	5,653	2,906	2,934	2,233	2,141
Vacation	3,320	3,247	3,277	3,203	2,185	2,137	875	858
Illness	1,426	1,413	1,392	1,380	536	582	731	676
Bad weather	155	112	119	89	--	--	--	--
Industrial dispute	105	64	105	64	--	--	--	--
All other reasons	876	953	836	917	186	216	627	607
Males, 16 years and over	3,103	3,056	3,078	2,845	1,639	1,625	981	870
Vacation	1,666	1,595	1,632	1,560	1,229	1,182	291	259
Illness	785	773	757	746	311	336	373	338
All other reasons[3]	650	589	586	539	100	107	327	272
Females, 16 years and over	2,778	2,832	2,756	2,808	2,498	1,333	1,252	1,272
Vacation	1,654	1,652	1,646	1,643	957	955	584	598
Illness	640	640	635	634	225	245	357	338
All other reasons[3]	485	540	478	532	85	109	299	335

[illegible] Exclusion of self-employed workers.

[illegible] Pay status not available separately for bad weather and industrial dispute; these categories are included in all other reasons.

[illegible] Includes bad weather and industrial dispute, not shown separately.

NOTE: Estimates for all other reasons by pay status may be biased because of high response variance; data should be used with caution.

32. Persons at work by hours of work and industry

Hours of work	1981					
	Thousands of persons			Percent distribution		
	All industries	Nonagricultural industries	Agriculture	All industries	Nonagricultural industries	Agriculture
Total, 16 years and over	94,608	91,377	3,231	100.0	100.0	100.0
1-34 hours	26,311	25,949	362	28.0	29.0	11.7
1-4 hours	800	752	48	.8	.8	1.5
5-14 hours	4,237	4,029	208	4.5	4.4	6.4
15-29 hours	11,844	11,404	482	12.6	12.5	14.9
30-34 hours	9,585	9,362	222	10.1	10.2	6.9
35 hours and over	68,099	65,828	2,270	72.0	72.0	70.3
35-39 hours	6,639	6,484	155	7.0	7.1	4.8
40 hours	38,682	38,127	555	40.9	41.7	17.2
41 hours and over	22,778	21,217	1,560	24.1	23.2	48.3
41 to 48 hours	8,828	8,579	245	9.3	9.4	7.6
49 to 59 hours	7,863	7,440	422	8.3	8.1	13.1
60 hours and over	6,281	5,198	893	6.6	5.7	27.6
Average hours, total at work	38.9	37.9	49.8	--	--	--
Average hours, workers on full-time schedules	42.8	42.0	52.8	--	--	--

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33. Persons at work 1 to 34 hours by reason for working less than 35 hours and usual status

(Numbers in thousands)

Reason for working less than 35 hours	1981					
	All industries			Nonagricultural industries		
	Total	Usually work full time	Usually work part time	Total	Usually work full time	Usually work part time
Total, 16 years and over	26,511	10,602	15,908	25,549	10,250	15,300
Economic reasons	4,768	1,885	2,883	4,499	1,738	2,761
Slack work	2,445	1,530	915	2,251	1,395	856
Material shortages or repairs to plant and equipment	65	65	--	62	62	--
New job started during week	195	195	--	190	190	--
Job terminated during week	94	94	--	90	90	--
Could find only part time work	1,968	--	1,968	1,906	--	1,906
Other reasons	21,742	8,717	13,025	21,050	8,511	12,539
Does not want full time work	10,890	--	10,890	10,510	--	10,510
Vacation	1,199	1,199	--	1,180	1,180	--
Illness	1,766	1,591	175	1,719	1,562	157
Bad weather	450	450	--	361	361	--
Labor dispute	28	28	--	28	28	--
Holiday (legal or religious)	4,025	4,025	--	4,007	4,007	--
Usual hours less than 35	1,427	--	1,427	1,383	--	1,383
All other reasons	1,959	1,425	534	1,863	1,174	689
Average hours	21.7	28.0	20.2	21.8	28.1	20.3
Economic reasons	22.5	28.1	18.8	22.7	28.2	18.9
Other reasons						
Worked 35 to 41 hours	1,470	809	661	1,397	757	640
Economic reasons	6,115	5,871	2,244	7,965	5,790	2,175
Other reasons						

34. Nonagricultural workers by industry and full- or part-time status

(Numbers in thousands)

Industry	1981							
	Full- or part-time status						Average hours, total at work	Average hours, workers on full time schedules
	Total at work	On part time for economic reasons	On voluntary part time	On full time schedules				
				Total	40 hours or less	41 to 48 hours	49 hours or more	
Total, 16 years and over	91,377	4,499	12,539	74,339	53,122	8,579	12,638	37.9	42.0
Wage and salary workers	84,415	3,957	11,274	69,184	50,742	8,018	10,424	37.7	41.6
Construction	4,636	373	195	4,068	3,073	394	601	38.6	41.1
Manufacturing	23,337	667	629	19,311	14,200	2,517	2,294	40.0	41.2
Durable goods	12,239	267	262	11,710	8,795	1,521	1,394	40.4	41.2
Nondurable goods	8,068	399	367	7,302	5,406	996	900	39.4	41.2
Transportation and public utilities	5,905	191	370	5,344	3,369	606	869	40.2	42.2
Wholesale and retail trade	17,667	1,274	4,326	12,067	7,903	1,810	2,354	35.7	42.9
Finance, insurance, and real estate	5,409	111	520	4,773	3,722	442	593	38.2	40.6
Service industries	24,539	1,247	4,946	18,346	13,777	1,687	2,882	35.7	41.3
Private households	1,156	418	578	360	251	29	80	23.0	41.1
All other industries	23,383	1,029	4,368	17,986	13,526	1,658	2,802	36.3	41.3
Public administration	4,955	76	269	4,610	3,651	426	533	39.1	40.8
Self-employed workers	6,572	527	1,111	4,934	2,258	538	2,138	40.5	48.0
Unpaid family workers	390	15	154	221	122	22	77	35.8	46.1

Includes mining, not shown separately.

35. Persons at work in nonagricultural industries by sex, age, race, marital status, and full- or part-time status

(Numbers in thousands)

Sex, age, race, and marital status	1981							
	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules			Average hours, total at work	Average hours, workers on full-time schedules
				Total	40 hours or less	41 hours or more		
TOTAL								
Both sexes, 16 years and over	91,377	4,499	12,539	74,339	53,122	21,217	37.9	42.0
16 to 21 years	11,564	1,156	4,123	6,285	4,994	1,291	30.1	40.4
16 to 19 years	6,606	730	3,202	2,674	2,154	520	26.5	40.1
16 to 17 years	2,580	255	1,866	459	386	73	20.0	38.8
18 to 19 years	4,025	475	1,337	2,213	1,766	447	30.7	40.4
20 years and over	84,771	3,770	9,336	71,665	50,968	20,697	38.7	42.1
20 to 24 years	13,133	925	1,794	10,414	7,963	2,451	36.8	41.0
25 years and over	71,637	2,844	7,542	61,251	43,004	18,247	39.1	42.3
25 to 44 years	44,463	1,786	3,913	38,764	26,869	11,895	39.6	42.4
45 to 64 years	24,758	958	2,462	21,348	15,322	6,026	39.2	42.1
65 years and over	2,416	100	1,167	1,139	813	326	28.9	42.0
Males, 16 years and over	51,852	2,079	3,724	46,049	29,837	16,212	40.7	43.4
16 to 21 years	5,937	562	1,887	3,488	2,582	906	31.8	41.3
16 to 19 years	3,377	359	1,513	1,505	1,146	359	27.9	40.9
16 to 17 years	1,320	133	902	285	233	52	21.1	39.3
18 to 19 years	2,057	226	611	1,220	913	307	32.3	41.3
20 years and over	45,915	1,720	2,211	42,544	28,691	15,853	41.6	43.5
20 to 24 years	6,896	452	694	5,750	4,016	1,734	38.7	42.3
25 years and over	41,579	1,268	1,517	38,794	24,675	14,119	42.1	43.7
25 to 44 years	25,667	809	894	24,364	15,153	9,211	42.8	43.9
45 to 64 years	14,504	407	402	13,695	9,019	4,676	42.1	43.3
65 years and over	1,408	51	521	736	506	230	30.3	42.2
Females, 16 years and over	39,525	2,421	8,815	28,289	23,285	5,004	34.1	39.8
16 to 21 years	5,627	594	2,236	2,797	2,411	386	28.4	39.1
16 to 19 years	3,228	371	1,690	1,167	1,007	160	25.1	39.0
16 to 17 years	1,260	122	969	174	153	21	18.8	37.9
18 to 19 years	1,968	250	726	992	852	140	29.0	39.2
20 years and over	33,897	2,050	7,125	25,122	22,278	4,844	34.9	39.8
20 to 24 years	6,238	473	1,101	4,664	3,947	717	34.7	39.5
25 years and over	30,358	1,576	6,025	22,457	18,329	4,128	34.9	39.9
25 to 44 years	18,797	976	3,419	14,402	11,720	2,682	35.3	39.9
45 to 64 years	10,264	551	2,059	7,654	6,303	1,351	35.3	39.9
65 years and over	998	49	546	403	308	95	26.9	41.6
RACE								
White, 16 years and over	80,851	3,732	11,454	65,665	45,773	19,692	38.0	42.2
Males	46,299	1,750	3,360	41,189	26,038	15,151	41.0	43.6
Females	34,352	1,982	8,093	24,277	19,736	4,541	33.9	39.9
Black and other, 16 years and over	10,725	767	1,385	8,574	7,349	1,525	37.0	40.5
Males	5,553	329	364	4,860	3,799	1,061	38.8	41.5
Females	5,173	439	721	4,013	3,549	464	35.1	39.3
MARITAL STATUS								
Males, 16 years and over	35,243	946	1,160	32,937	20,684	12,253	42.4	43.7
Married, spouse present	4,487	215	207	4,065	2,638	1,427	41.4	43.6
Widowed, divorced, or separated	12,322	918	2,358	9,046	6,513	2,533	35.9	42.1
Single (never married)								
Females, 16 years and over	21,631	1,127	5,180	15,324	12,802	2,522	33.9	39.6
Married, spouse present	7,819	509	1,054	6,256	4,963	1,293	36.5	40.4
Widowed, divorced, or separated	10,275	784	2,581	6,711	5,521	1,189	32.6	39.8

36. Persons at work in nonfarm occupations by sex and full- or part-time status

(Number in thousands)

Occupation and sex	1981							
	Total at work	On part time for economic reasons	On voluntary part time	On full time schedules			Average hours, total at work	Average hours, workers on full time schedules
				Total	40 hours or less	41 to 48 hours	49 hours or more	
Total, 16 years and over	91,962	4,557	12,640	74,765	53,374	8,633	12,758	37.9	42.1
White-collar workers	49,341	1,440	6,864	41,537	28,975	4,496	8,066	38.5	42.3
Professional and technical	15,159	321	1,692	13,146	9,065	1,429	2,652	39.2	42.3
Managers and administrators, except farm	10,366	156	531	10,279	5,414	1,353	3,512	44.3	45.9
Sales workers	5,092	333	1,464	4,295	2,672	531	1,092	36.2	43.5
Clerical workers	17,623	630	3,177	13,816	11,822	1,183	811	35.1	38.2
Blue-collar workers	29,455	1,852	1,934	25,669	18,596	3,396	3,677	39.1	41.8
Craft and kindred workers	11,956	579	824	10,953	7,640	1,546	1,767	40.4	42.1
Operatives, except transport	9,325	619	511	8,795	6,836	1,093	866	38.8	40.8
Transport equipment operatives	3,235	207	271	2,757	1,636	403	718	41.1	44.7
Nonfarm laborers	4,338	447	728	3,163	2,483	355	325	34.7	40.6
Service workers	12,566	1,265	3,842	7,559	5,803	741	1,015	32.5	41.6
Private household workers	1,201	165	501	335	235	28	72	23.9	43.2
Other service workers	11,366	1,100	3,340	7,226	5,569	714	943	33.2	41.5
Males, 16 years and over	52,271	2,122	3,774	46,375	30,023	6,062	10,290	40.7	43.4
White-collar workers	23,422	425	1,427	21,570	12,604	2,701	6,265	42.6	44.6
Professional and technical	6,588	128	468	7,992	5,053	891	2,048	42.7	43.8
Managers and administrators, except farm	7,980	106	217	7,657	3,676	1,016	2,965	45.9	46.9
Sales workers	3,379	98	352	2,933	1,600	414	919	41.5	44.9
Clerical workers	3,475	96	391	2,988	2,275	380	333	37.9	40.9
Blue-collar workers	24,701	1,367	1,337	21,297	14,928	2,950	3,419	39.8	42.3
Craft and kindred workers	11,206	532	326	10,348	7,176	1,458	1,734	40.6	42.2
Operatives, except transport	5,992	257	240	5,495	4,003	771	721	40.2	43.8
Transport equipment operatives	2,762	181	159	2,622	1,535	390	697	42.1	44.9
Nonfarm laborers	3,341	396	611	2,834	2,214	322	298	34.9	40.7
Service workers	4,348	330	1,010	3,508	2,491	411	636	36.3	43.1
Private household workers	36	4	17	15	10	1	4	26.7	44.7
Other service workers	4,311	327	993	3,491	2,478	410	633	36.4	43.0
Females, 16 years and over	39,693	2,434	8,866	28,393	23,354	2,571	2,468	34.3	39.8
White-collar workers	25,920	1,015	5,437	19,966	16,372	1,795	1,831	34.8	38.8
Professional and technical	8,571	193	1,225	5,153	4,011	538	604	35.5	40.1
Managers and administrators, except farm	2,986	49	313	2,624	1,739	337	548	40.3	43.0
Sales workers	2,714	238	1,113	1,363	1,072	118	173	29.2	40.1
Clerical workers	14,148	535	2,786	10,827	9,547	803	477	34.8	38.8
Blue-collar workers	5,454	484	597	4,373	3,669	446	258	36.3	38.5
Craft and kindred workers	750	47	98	605	463	78	64	36.8	40.6
Operatives, except transport	3,333	362	270	3,301	2,833	322	146	36.6	38.2
Transport equipment operatives	274	27	111	136	102	13	21	30.2	41.2
Nonfarm laborers	498	49	117	332	273	33	26	33.3	39.9
Service workers	7,319	935	2,832	4,052	3,313	330	409	30.1	40.4
Private household workers	864	161	484	319	224	27	68	23.8	43.1
Other service workers	6,954	774	2,348	3,732	3,088	304	340	31.0	40.2

READEX FICHE

37. Employment status of 14- and 15-year-olds by sex and race

Employment status	1981								
	Total			White			Black and other		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Civilian noninstitutional population	7,370	3,751	3,620	6,086	3,112	2,975	1,284	639	645
Civilian labor force	1,292	714	579	1,178	653	524	115	60	54
Employed	1,078	586	492	1,013	552	461	65	34	31
Agriculture	121	99	21	116	95	20	5	4	1
Nonagricultural industries	958	487	471	897	457	441	60	30	30
Unemployed	214	127	87	164	101	63	49	26	23
Unemployment rate	16.6	17.8	15.0	13.9	15.5	12.0	42.6	43.3	42.6
Not in labor force	6,078	3,037	3,041	4,908	2,458	2,450	1,169	579	591
Keeping house	91	9	82	71	7	64	20	1	19
Going to school	4,786	2,430	2,356	3,859	1,967	1,892	928	463	465
Unable to work	6	4	2	4	2	2	3	2	1
All other reasons	1,195	595	600	976	482	494	219	113	106

38. Employed 14- and 15-year-olds by class of worker, occupation, and sex

Class of worker and occupation	1981					
	Thousands of persons			Percent distribution		
	Both sexes	Males	Females	Both sexes	Males	Females
CLASS OF WORKER						
Total	1,078	586	492	100.0	100.0	100.0
Nonagricultural industries	958	487	471	88.9	83.1	95.9
Wage and salary workers	867	420	447	80.5	71.7	91.0
Private households	132	85	247	33.8	14.5	50.3
Government workers	43	25	19	4.0	4.3	3.9
Other wage and salary workers	491	310	181	45.6	52.9	36.9
Self-employed workers	76	56	19	7.1	9.6	3.9
Unpaid family workers	15	11	4	1.4	1.9	.8
Agriculture	121	99	21	11.2	16.9	4.3
Wage and salary workers	67	55	12	6.2	9.4	2.4
Self-employed workers	18	16	2	1.7	2.7	.4
Unpaid family workers	35	28	7	3.2	4.8	1.4
OCCUPATION						
Total	1,078	586	492	100.0	100.0	100.0
White-collar workers	287	188	99	26.6	32.1	20.1
Professional specialty	16	9	6	1.5	1.4	1.2
Executive, administrative, and managerial	4	4	1	.4	.7	.2
Sales workers	209	159	50	19.4	27.1	10.2
Clerical workers	59	18	41	5.5	3.1	8.3
Blue-collar workers	210	187	23	19.5	31.9	4.7
Precision production workers	15	12	3	1.4	2.0	.6
Operatives, except transport	28	21	7	2.6	3.6	1.4
Transport equipment operatives	4	2	1	.4	.3	.2
Nonfarm laborers	163	152	12	15.1	25.9	2.4
Service workers	485	182	303	45.0	22.5	61.7
Private household workers	265	19	246	24.6	3.2	50.0
Other service workers	220	163	107	20.4	19.3	21.7
Farm workers	97	79	18	9.0	13.5	3.7
Farmers and farm managers	4	3	1	.4	.5	.2
Farm laborers and supervisors	92	75	17	8.5	12.8	3.5

HOUSEHOLD DATA
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39. Persons not in labor force by reason, sex, and age

(In thousands)

Reason and sex	Total		Age in years							
			16 to 19 years		20 to 24 years		25 to 59 years		60 years and over	
	1980	1981	1980	1981	1980	1981	1980	1981	1980	1981
TOTAL										
Total not in labor force	60,806	61,460	7,165	7,226	4,713	4,721	22,222	22,028	26,706	27,485
Do not want a job now	55,131	55,623	5,684	5,698	3,750	3,726	19,536	19,270	26,156	26,928
Current activity	6,350	6,430	4,204	4,220	1,520	1,539	607	658	16	13
Going to school	4,460	4,271	31	34	112	119	2,189	2,022	2,126	2,095
Ill, disabled	29,278	28,780	539	478	1,634	1,582	14,426	14,096	12,677	12,624
Keeping house	10,963	11,821	--	--	--	--	237	256	10,728	11,564
Retired	4,080	4,321	909	966	484	486	2,077	2,238	610	632
Other	5,675	5,835	1,480	1,527	962	996	2,680	2,757	550	556
Want a job now	1,511	1,558	1,027	1,062	286	294	193	198	7	5
Reason not looking	755	769	29	27	58	67	509	507	160	169
School attendance	1,267	1,280	84	74	276	275	869	897	39	35
Ill, health, disability	993	1,103	175	190	156	167	483	563	178	183
Home responsibilities	664	808	109	135	120	136	361	446	75	89
Think cannot get job	329	296	68	56	35	31	122	116	106	95
Job-market factors	1,148	1,125	166	174	187	193	627	592	166	164
Personal factors										
Other reasons[1]										
Males										
Total not in labor force	17,445	18,537	3,262	3,316	1,415	1,468	3,372	3,489	9,895	10,265
Do not want a job now	16,118	16,620	2,560	2,572	1,112	1,151	2,820	2,900	9,627	10,000
Current activity	3,173	3,194	2,083	2,054	803	821	282	314	7	4
Going to school	2,387	2,269	17	19	53	64	1,204	1,126	1,112	1,060
Ill, disabled	302	282	9	13	7	6	77	93	209	172
Keeping house	8,055	8,519	--	--	--	--	197	214	7,860	8,306
Retired	2,201	2,356	452	486	249	260	1,060	1,153	440	458
Other	1,827	1,916	703	744	302	316	554	588	266	266
Want a job now	757	780	510	548	147	150	79	80	--	2
Reason not looking	331	360	14	14	30	37	208	223	81	86
School attendance	359	399	88	105	58	62	120	141	93	91
Ill, health, disability	380	377	71	77	67	67	147	144	92	87
Think cannot get job										
Other reasons[1]										
Females										
Total not in labor force	42,861	42,922	3,903	3,910	3,297	3,254	18,850	18,539	16,812	17,219
Do not want a job now	39,014	39,003	3,125	3,126	2,638	2,573	16,720	16,370	16,532	16,929
Current activity	3,177	3,236	2,123	2,165	716	717	329	344	12	9
Going to school	2,073	2,002	16	15	59	56	984	895	1,016	1,036
Ill, disabled	28,976	28,498	530	466	1,628	1,575	14,350	14,003	12,467	12,452
Keeping house	2,908	3,302	--	--	--	--	39	43	2,868	3,258
Retired	1,879	1,965	457	480	235	225	1,018	1,085	169	174
Other	3,847	3,819	779	784	657	679	2,130	2,169	278	283
Want a job now	754	778	498	514	139	144	112	117	5	3
Reason not looking	424	409	15	13	27	29	303	285	77	82
School attendance	1,267	1,280	84	74	276	275	869	897	39	35
Ill, health, disability	634	704	88	85	96	105	365	422	85	92
Home responsibilities	768	748	94	98	120	126	482	448	72	76
Think cannot get job										
Other reasons										

[1] Includes small number of men not looking for work because of "home responsibilities."

NOTE: Detail in tables 39, 40, and 42 may not add to not-in-labor force totals because of differences in the weighting patterns used in aggregating these data.

40. Persons not in labor force by reason, race, age, and sex

(In thousands)

Reason and race	Total		Age						Sex			
			16 to 24 years		25 to 59 years		60 years and over		Males		Females	
	1980	1981	1980	1981	1980	1981	1980	1981	1980	1981	1980	1981
WHITE												
Total not in labor force	52,523	52,856	9,257	9,237	19,119	18,781	24,147	24,839	15,161	15,585	37,361	37,272
Do not want a job now	48,305	48,599	7,513	7,467	17,103	16,746	23,687	24,388	13,814	14,216	34,490	34,383
Current activity:												
Going to school	4,997	5,022	4,510	4,532	474	484	15	8	2,514	2,516	2,483	2,506
Ill, disabled	3,575	3,435	111	111	1,717	1,587	1,745	1,738	1,945	1,841	1,630	1,594
Keeping house	26,475	25,958	1,829	1,736	12,998	12,600	11,647	11,623	246	230	26,229	25,728
Retired	9,952	10,684	—	—	214	235	9,736	10,448	7,342	7,751	2,610	2,933
Other	3,305	3,500	1,062	1,088	1,700	1,840	544	571	1,767	1,878	1,538	1,622
Want a job now	4,218	4,258	1,745	1,771	2,011	2,034	459	450	1,346	1,369	2,872	2,889
Reason not looking:												
School attendance	1,087	1,087	961	962	124	121	3	4	555	544	533	543
Ill health, disability	537	542	63	71	352	349	122	121	240	260	297	282
Home responsibilities	991	955	261	235	696	692	34	28	—	—	991	955
Think cannot get job	673	751	190	219	332	387	153	145	241	261	433	490
Other reasons [1]	930	923	271	284	508	485	147	152	311	304	619	619
BLACK AND OTHER												
Total not in labor force	8,283	8,603	2,620	2,711	3,104	3,247	2,560	2,646	2,784	2,952	5,500	5,651
Do not want a job now	6,826	7,023	1,922	1,955	2,435	2,532	2,470	2,541	2,302	2,404	4,522	4,619
Current activity:												
Going to school	1,350	1,406	1,217	1,229	135	177	3	4	658	677	692	729
Ill, disabled	886	836	30	39	470	438	384	360	442	428	444	408
Keeping house	2,804	2,823	344	324	1,432	1,498	1,029	1,002	56	53	2,748	2,770
Retired	1,011	1,137	—	—	21	21	990	1,116	713	768	299	369
Other	773	821	330	363	378	398	63	59	434	478	340	343
Want a job now	1,457	1,580	700	757	670	716	93	105	482	549	977	1,031
Reason not looking:												
School attendance	425	472	353	394	68	75	3	1	204	237	223	235
Ill health, disability	218	227	24	24	161	157	36	46	91	100	127	127
Home responsibilities	276	325	101	115	170	204	7	7	—	—	276	325
Think cannot get job	319	353	140	139	152	176	28	39	118	139	202	214
Other reasons [1]	219	203	82	85	120	104	19	12	70	73	150	130

[1] Includes small number of men not looking for work because of "home responsibilities"

41. Persons not in labor force who desire work but think they cannot get jobs by reason, sex, age, and race

(In thousands)

Reason and sex	1981						
	Total	Age				Race	
		16 to 19 years	20 to 24 years	25 to 59 years	60 years and over	White	Black and other
TOTAL							
Personal factors:	128	24	—	21	83	109	19
Employers think too young or old	96	20	16	57	4	66	30
Lacks education or training	72	12	15	38	8	55	17
Other personal handicap							
Job market factors:	471	95	94	240	41	271	199
Could not find job	337	40	42	206	48	249	88
Thinks no job available							
Males							
Personal factors:	64	16	—	7	41	52	12
Employers think too young or old	27	10	8	8	2	16	11
Lacks education or training	25	5	4	11	4	20	5
Other personal handicap							
Job market factors:	183	54	36	74	19	99	84
Could not find job	101	21	14	41	25	75	26
Thinks no jobs available							
Females							
Personal factors:	64	8	—	14	41	57	7
Employers think too young or old	69	10	8	48	2	50	19
Lacks education or training	47	7	10	26	3	35	12
Other personal handicap							
Job market factors:	288	41	58	167	23	172	115
Could not find job	236	19	29	167	23	174	62
Thinks no job available							

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42. Most recent work experience of persons not in labor force and reason for leaving last job for those who worked during the previous 12 months by sex, age, and race

(Numbers in thousands)

Most recent work experience, reason for leaving last job, and sex	Total		Age						Race			
			16 to 24 years		25 to 59 years		60 years and over		White		Black and other	
	1980	1981	1980	1981	1980	1981	1980	1981	1980	1981	1980	1981
Total, not in labor force	60,404	61,460	11,478	11,947	22,222	22,028	26,706	27,485	52,523	52,856	8,283	8,603
Never worked	9,765	9,691	4,911	5,063	3,220	3,211	3,514	3,418	7,490	7,532	2,073	2,159
Last worked over 5 years ago	30,367	31,600	326	305	11,015	10,836	19,027	19,879	26,984	27,491	3,384	3,530
Last worked 1 to 5 years ago	10,508	10,813	1,703	1,836	5,057	5,249	3,747	3,667	9,151	9,303	1,358	1,511
Left job during previous 12 months	10,363	9,352	3,538	4,681	3,908	3,731	1,416	1,520	8,896	8,530	1,468	1,403
Percent distribution by reason	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
School, home responsibilities	44.6	42.4	61.3	59.4	36.9	36.0	5.9	5.7	46.0	43.4	35.8	35.7
Ill health, disability	8.2	7.8	1.8	1.9	14.0	14.2	14.5	15.0	7.5	7.3	12.3	10.5
Retirement, old age	8.3	9.1	--	--	3.7	3.5	50.7	50.7	8.9	9.9	4.4	4.1
Economic reasons	31.0	32.7	18.3	20.2	24.7	26.9	20.3	20.2	20.3	21.7	23.4	29.2
End of seasonal job	8.3	8.8	8.9	9.8	7.9	9.2	1.8	2.1	8.0	8.2	10.6	12.1
Slack work	8.7	7.8	4.8	5.9	6.6	7.1	3.9	4.2	8.4	7.0	8.4	10.6
End of temporary job	6.3	6.4	4.7	5.4	7.3	7.8	7.0	6.8	6.0	6.6	6.6	6.4
All other reasons	19.3	18.0	13.6	13.3	20.6	21.4	8.5	8.4	17.3	17.7	22.1	19.5
Males, not in labor force	17,965	18,537	4,677	4,784	4,872	4,469	8,895	9,285	15,161	15,585	2,784	2,952
Never worked	2,554	2,564	1,968	2,003	243	241	47	48	1,543	1,651	710	738
Last worked over 5 years ago	8,703	8,626	44	42	1,344	1,370	6,895	7,210	7,229	7,532	1,043	1,095
Last worked 1 to 5 years ago	3,334	3,664	413	523	1,007	1,014	1,110	1,127	3,068	3,127	487	537
Left job during previous 12 months	3,662	3,557	2,252	2,153	782	825	823	879	3,320	3,275	542	582
Percent distribution by reason	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
School, home responsibilities	18.4	19.4	59.3	57.1	16.1	17.6	2.5	3.3	19.1	17.2	14.2	11.8
Ill health, disability	4.7	4.9	1.8	2.3	17.8	15.8	14.6	14.5	9.1	9.4	11.4	12.5
Retirement, old age	14.6	15.7	--	--	11.4	10.3	57.7	59.1	15.1	17.6	5.1	6.2
Economic reasons	19.9	21.0	19.6	21.9	18.6	21.8	19.2	17.1	19.5	19.6	25.7	28.9
End of seasonal job	6.8	7.4	7.9	10.2	6.1	8.7	6.1	7.1	8.3	8.3	10.8	12.0
Slack work	6.8	6.8	4.3	5.8	11.3	12.0	5.6	4.2	7.2	6.2	8.6	10.4
End of temporary job	5.0	5.4	5.2	5.3	4.8	5.1	5.8	5.8	4.8	5.2	6.2	6.4
All other reasons	37.4	37.0	19.3	19.8	33.3	31.9	6.2	5.9	16.8	16.1	20.7	20.6
Females, not in labor force	42,661	42,922	7,200	7,164	17,350	17,559	16,812	17,219	37,361	37,272	5,500	5,651
Never worked	7,209	7,127	2,943	3,060	1,998	1,970	2,465	2,369	5,946	5,881	1,363	1,421
Last worked over 5 years ago	21,664	22,974	282	264	9,670	9,466	11,943	12,669	19,735	19,959	2,340	2,535
Last worked 1 to 5 years ago	6,954	7,150	1,297	1,377	4,055	4,237	1,602	1,540	6,083	6,176	871	974
Left job during previous 12 months	6,809	6,671	1,583	2,529	3,626	3,885	789	841	5,577	5,235	926	721
Percent distribution by reason	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
School, home responsibilities	46.2	46.2	62.9	61.9	42.2	41.3	10.4	10.8	50.3	47.2	18.8	16.7
Ill health, disability	7.1	6.3	1.9	1.7	10.4	8.6	14.7	14.6	6.3	6.0	12.8	9.2
Retirement, old age	4.6	4.9	--	--	1.8	1.3	41.1	41.3	4.9	5.1	2.3	2.6
Economic reasons	21.6	23.8	27.3	29.1	23.4	27.8	10.0	11.0	21.0	22.9	25.2	29.4
End of seasonal job	8.0	8.8	9.0	7.9	8.3	9.4	4.1	4.7	7.8	8.2	10.4	12.0
Slack work	7.0	8.1	4.9	6.0	9.1	9.6	6.9	6.3	6.6	7.5	8.2	10.1
End of temporary job	6.5	7.1	4.3	5.2	6.2	8.4	8.4	8.4	6.7	7.2	6.5	6.5
All other reasons	16.1	16.6	17.9	17.9	20.0	20.8	11.8	11.9	17.6	18.6	23.0	18.7

43. Work-seeking intentions of persons not in labor force and work history of those who intend to seek work within the next 12 months by sex, age, and race

(In thousands)

Work-seeking intentions, work history, and sex	Total		Age						Race			
			16 to 24 years		25 to 59 years		60 years and over		White		Black and other	
	1980	1981	1980	1981	1980	1981	1980	1981	1980	1981	1980	1981
TOTAL												
Do not intend to seek work	51,090	51,799	6,413	6,695	18,545	18,371	26,130	26,731	44,806	45,293	6,285	6,507
Intend to seek work in the next 12 months	9,722	9,657	5,460	5,431	3,676	3,693	577	553	7,715	7,561	1,998	2,096
Never worked	1,651	1,788	1,466	1,616	159	164	4	4	1,151	1,245	501	524
Last worked over 5 years ago	1,180	1,151	57	56	453	446	176	149	895	790	284	263
Last worked 1 to 5 years ago	2,302	2,260	931	861	1,047	1,047	325	352	1,674	1,634	441	524
Worked during previous 12 months	4,589	4,458	3,006	2,991	1,017	1,035	572	548	4,189	3,893	772	785
Males												
Do not intend to seek work	14,309	15,044	2,241	2,328	3,666	3,738	8,402	8,979	12,601	12,849	1,703	2,195
Intend to seek work in the next 12 months	3,560	3,647	2,469	2,456	1,031	1,081	59	295	2,760	2,735	680	757
Never worked	679	708	559	591	97	95	24	22	471	509	203	224
Last worked over 5 years ago	167	163	11	10	49	47	107	106	123	109	55	54
Last worked 1 to 5 years ago	331	318	227	219	74	74	30	25	305	259	110	126
Worked during previous 12 months	2,383	2,458	1,672	1,637	811	865	100	142	1,861	1,858	312	353
Females												
Do not intend to seek work	36,781	36,756	4,171	4,368	14,883	14,633	16,727	16,752	32,205	32,444	4,582	4,312
Intend to seek work in the next 12 months	6,161	6,010	2,991	2,975	2,644	2,613	526	258	4,955	4,826	1,318	1,339
Never worked	972	1,081	907	1,025	62	69	4	4	681	736	295	305
Last worked over 5 years ago	1,013	988	47	46	404	399	562	543	772	681	229	209
Last worked 1 to 5 years ago	1,970	1,942	675	658	973	951	321	334	1,369	1,375	315	368
Worked during previous 12 months	2,206	1,999	1,362	1,316	1,205	1,194	39	90	1,932	1,734	479	456

44. Employment status of the noninstitutional population by sex, age, race, and Hispanic origin

[Numbers in thousands]

Employment status, sex, and age	Total		White		Black		Hispanic origin	
	1980	1981	1980	1981	1980	1981	1980	1981
TOTAL								
	167,745	170,130	146,122	147,908	17,824	18,219	8,901	9,310
Civilian noninstitutional population	106,940	108,670	93,600	95,052	11,865	11,986	5,730	5,972
Civilian labor force	63.8	63.9	64.1	64.3	61.0	60.8	64.0	64.1
Percent of population	99,303	100,397	87,715	88,709	9,313	9,355	5,126	5,348
Employed	3,364	3,368	3,087	3,109	208	184	246	251
Agriculture	95,938	97,030	84,629	85,600	9,106	9,171	4,881	5,097
Nonagricultural industries	7,637	8,273	5,884	6,383	1,553	1,731	575	628
Unemployed	7.1	7.6	6.3	6.7	14.3	15.6	10.1	10.4
Unemployment rate	60,806	61,460	52,523	52,856	6,959	7,134	3,200	3,338
Not in labor force								
Males, 20 years and over	71,138	72,419	62,694	63,715	6,834	7,007	3,671	3,914
Civilian noninstitutional population	56,455	57,197	50,049	50,671	5,139	5,223	3,127	3,321
Civilian labor force	79.4	79.0	79.8	79.5	75.1	74.5	85.2	84.8
Percent of population	53,101	53,582	47,419	47,846	4,498	4,520	2,868	3,028
Employed	2,396	2,384	2,180	2,183	162	148	184	189
Agriculture	50,706	51,199	45,239	45,663	4,336	4,372	2,684	2,840
Nonagricultural industries	3,353	3,615	2,629	2,825	636	703	258	293
Unemployed	5.9	6.3	5.3	5.6	12.4	13.5	8.3	8.8
Unemployment rate	14,683	15,222	12,695	13,044	1,701	1,785	584	593
Not in labor force								
Females, 20 years and over	80,065	81,497	69,575	70,677	8,700	8,924	4,038	4,220
Civilian noninstitutional population	41,106	42,485	35,239	36,418	4,841	5,001	1,973	2,106
Civilian labor force	51.3	52.1	50.6	51.5	55.6	56.0	48.9	49.9
Percent of population	38,492	39,593	33,275	34,275	4,267	4,329	1,792	1,908
Employed	584	634	545	567	26	19	32	35
Agriculture	37,907	38,986	32,729	33,708	4,241	4,310	1,760	1,871
Nonagricultural industries	2,615	2,895	1,964	2,183	574	671	181	200
Unemployed	6.4	6.8	5.6	6.9	11.9	13.4	9.2	9.5
Unemployment rate	38,958	39,012	34,336	34,258	3,859	3,923	2,065	2,114
Not in labor force								
Both sexes, 16-19 years	16,542	16,214	13,954	13,516	2,289	2,288	1,192	1,176
Civilian noninstitutional population	8,379	8,988	8,312	7,962	891	862	601	545
Civilian labor force	66.7	55.4	60.0	58.9	38.9	37.7	50.4	46.3
Percent of population	7,710	7,225	7,021	6,588	547	505	465	418
Employed	365	380	361	359	19	17	30	28
Agriculture	7,345	6,845	6,661	6,229	528	489	436	386
Nonagricultural industries	1,660	1,763	1,291	1,374	383	357	135	131
Unemployed	17.8	19.6	15.5	17.3	33.5	31.4	22.5	24.0
Unemployment rate	7,165	7,226	5,542	5,554	1,800	1,826	591	631
Not in labor force								

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45. Employment status of persons of Mexican, Puerto Rican, and Cuban origin by sex and age

(Numbers in thousands)

Employment status, sex, and age	Total Hispanic origin[1]		Mexican origin		Puerto Rican origin		Cuban origin	
	1980	1981	1980	1981	1980	1981	1980	1981
TOTAL								
Civilian noninstitutional population	8,901	9,310	5,327	5,642	1,142	1,165	669	750
Civilian labor force	5,700	5,972	3,537	3,757	589	583	441	483
Percent of population	64.1	64.1	66.4	66.6	51.6	50.0	65.9	64.4
Employed	5,126	5,368	3,174	3,364	509	504	405	439
Agriculture	246	251	223	230	5	5	2	2
Nonagricultural industries	4,881	5,097	2,951	3,134	503	499	403	437
Unemployed	575	624	364	393	80	79	37	44
Unemployment rate	10.1	10.4	10.3	10.5	13.6	13.6	8.4	9.0
Not in labor force	3,200	3,338	1,791	1,886	552	582	228	267
Males, 20 years and over								
Civilian noninstitutional population	3,671	3,914	2,290	2,457	410	431	281	328
Civilian labor force	3,127	3,321	1,995	2,141	330	333	235	264
Percent of population	85.2	84.8	87.1	87.1	80.4	77.3	83.6	80.5
Employed	2,868	3,028	1,832	1,957	296	293	217	243
Agriculture	184	189	167	173	4	3	2	2
Nonagricultural industries	2,684	2,840	1,665	1,784	292	290	215	241
Unemployed	258	293	164	184	35	40	19	22
Unemployment rate	8.3	8.8	8.2	8.6	10.6	12.0	8.1	8.2
Not in labor force	544	593	296	316	79	98	47	63
Females, 20 years and over								
Civilian noninstitutional population	4,038	4,220	2,291	2,441	557	563	315	345
Civilian labor force	1,973	2,106	1,126	1,223	207	208	170	186
Percent of population	48.9	49.9	49.1	50.1	37.2	36.9	54.0	53.9
Employed	1,792	1,906	1,017	1,102	181	186	160	172
Agriculture	32	33	27	30	1	1	--	--
Nonagricultural industries	1,760	1,871	991	1,071	179	185	160	172
Unemployed	181	200	108	123	26	21	11	15
Unemployment rate	9.2	9.5	9.6	9.8	12.6	10.2	6.5	8.0
Not in labor force	2,065	2,114	1,166	1,218	351	356	145	158
Both sexes, 16-19 years								
Civilian noninstitutional population	1,192	1,176	745	744	175	171	72	77
Civilian labor force	601	545	417	393	54	43	36	32
Percent of population	50.4	46.3	56.0	52.8	30.9	25.1	50.0	41.6
Employed	465	414	325	304	34	25	30	25
Agriculture	30	28	29	27	--	--	--	--
Nonagricultural industries	436	386	297	277	34	25	30	25
Unemployment	135	131	92	89	20	18	5	7
Unemployment rate	22.5	24.0	22.1	22.6	37.0	42.5	13.9	(2)
Not in labor force	591	631	330	351	122	128	35	45

[1] Includes persons of Central or South American origin and of other Hispanic origin, not shown separately.

[2] Percent not shown where base is less than 35,000.

46. Employed persons by selected social and economic categories, race, and Hispanic origin

(In thousands)

Category	Total		White		Black and other		Hispanic origin	
	1980	1981	1980	1981	1980	1981	1980	1981
CHARACTERISTIC								
Total, 16 years and over	99,303	100,397	87,715	88,709	11,588	11,688	5,126	5,348
Males	57,186	57,397	51,127	51,315	6,059	6,083	3,155	3,273
Females	42,117	43,000	36,587	37,394	5,529	5,606	1,972	2,076
OCCUPATION								
White-collar workers	51,882	52,949	47,267	48,147	4,614	4,802	1,759	1,869
Professional and technical	15,968	16,420	14,444	14,794	1,524	1,625	408	435
Managers and administrators, except farm	11,138	11,540	10,512	10,867	627	673	329	354
Sales workers	6,303	6,425	5,963	6,075	340	350	203	207
Clerical workers	18,564	18,564	16,350	16,410	2,124	2,154	820	873
Blue-collar workers	31,452	31,261	27,327	27,191	4,124	4,071	2,332	2,397
Craft and kindred workers	12,787	12,662	11,683	11,590	1,105	1,072	704	708
Operatives, except transport	10,565	10,540	8,884	8,836	1,680	1,704	1,063	1,074
Transport equipment operatives	3,531	3,476	2,984	2,938	548	538	202	224
Nonfarm laborers	4,567	4,583	3,776	3,826	791	757	363	391
Service workers	13,228	13,438	10,593	10,814	2,635	2,624	841	880
Farm workers	2,741	2,749	2,527	2,558	214	192	196	203
MAJOR INDUSTRY AND CLASS OF WORKER								
Agriculture:								
Wage and salary workers	1,425	1,464	1,221	1,273	205	191	222	228
Self-employed workers	1,642	1,638	1,578	1,575	65	63	22	21
Unpaid family workers	297	266	287	261	9	5	2	2
Nonagricultural industries:								
Wage and salary workers	88,525	89,543	77,701	78,615	10,823	10,927	4,619	4,827
Government	15,912	15,689	13,348	13,137	2,565	2,552	669	667
Private industries	72,612	73,853	64,354	65,480	8,259	8,375	3,948	4,160
Private households	1,192	1,208	803	832	389	376	92	90
Other industries	71,420	72,645	63,552	64,648	7,870	7,999	3,856	4,070
Self-employed workers	7,000	7,097	6,538	6,616	462	481	245	251
Unpaid family workers	413	390	390	368	25	22	18	19
FULL AND PART TIME STATUS[1]								
Full time schedules	80,706	81,358	71,157	71,722	9,549	9,636	4,298	4,457
Part time for economic reasons	4,321	4,768	3,586	3,953	735	814	313	362
Part time for noneconomic reasons	14,275	14,271	12,973	13,033	1,303	1,238	515	528

[1] Employed persons with a job but not at work are distributed proportionately among the full- and part-time employed categories.

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47. Employed persons of Mexican, Puerto Rican, and Cuban origin by selected social and economic categories

(In thousands)

Category	Total Hispanic origin[1]		Mexican origin		Puerto Rican origin		Cuban origin	
	1980	1981	1980	1981	1980	1981	1980	1981
CHARACTERISTIC								
Total, 16 years and over	5,126	5,348	3,174	3,364	509	504	405	439
Males	3,155	3,273	2,038	2,144	317	306	233	257
Females	1,972	2,076	1,136	1,220	193	198	174	183
OCCUPATION								
White-collar workers	1,759	1,869	930	1,026	198	209	182	205
Professional and technical	408	435	193	220	45	49	44	51
Managers and administrators, except farm	329	354	169	186	33	33	41	47
Sales workers	203	207	104	119	17	14	25	26
Clerical workers	820	871	464	503	103	113	72	81
Blue-collar workers	2,332	2,397	1,550	1,627	222	214	176	181
Craft and kindred workers	704	708	470	479	44	51	54	58
Operatives, except transport	1,063	1,074	678	696	123	115	85	85
Transport equipment operatives	202	224	134	152	24	20	16	17
Nonfarm laborers	363	391	268	300	26	28	21	21
Service workers	841	880	512	520	87	80	49	52
Farm workers	196	203	180	191	3	2	--	1
MAJOR INDUSTRY AND CLASS OF WORKER								
Agriculture	222	228	208	216	4	3	1	1
Wage and salary workers	22	21	14	13	1	1	1	1
Self-employed workers	2	2	1	1	--	--	--	--
Unpaid family workers								
Nonagricultural industries	4,619	4,827	2,815	2,998	484	482	336	390
Wage and salary workers	469	467	429	447	79	75	29	28
Government	3,948	4,160	2,386	2,552	411	407	333	363
Private industries	92	90	54	47	3	2	1	2
Private households	1,856	4,070	2,334	2,505	408	405	332	361
Other industries	245	251	124	124	14	13	40	46
Self-employed workers	18	19	11	12	--	2	2	1
Unpaid family workers								
FULL AND PART TIME STATUS								
Full-time schedules	4,298	4,457	2,632	2,780	450	448	357	368
Part time for economic reasons	313	362	230	269	20	19	13	21
Part time for noneconomic reasons	515	528	311	314	39	37	36	51

[1] Includes persons of Central or South American origin and of other Hispanic origin not shown separately.

[2] Employed persons with job but not at work are distributed proportionately among the full- and part-time employed categories.

48. Employed black and Hispanic-origin workers by occupation

(Numbers in thousands)

Occupation	1981			Occupation	1981		
	Total employed	Percent of total			Total employed	Percent of total	
		Black	Hispanic origin			Black	Hispanic origin
Total, 16 years and over	100,397	9.3	5.1	Craft and kindred workers—Continued			
				All other craft workers	2,429	7.2	5.6
White-collar workers	52,949	6.7	3.5				
Professional and technical	16,420	6.6	2.6	Operatives, except transport	10,540	13.2	10.2
Health workers	3,125	7.4	2.4	Durable goods manufacturing	4,605	12.5	10.1
Teachers, except college	3,197	8.8	3.4	Nondurable goods manufacturing	3,339	16.0	11.4
Other professional and technical	10,098	5.7	2.8	Other industries	2,596	11.1	8.9
					3,476	14.3	6.4
Managers and administrators, except farm	11,540	4.0	3.1	Transport equipment operatives	2,966	13.6	6.2
Salaried workers	9,577	4.1	2.9	Drivers, motor vehicles	511	18.6	8.2
Self-employed workers in retail trade	870	3.8	4.3	All other			
Self-employed workers, except retail trade	1,093	3.4	4.8		4,583	14.3	8.9
				Nonfarm laborers	797	13.9	11.2
Sales workers	6,425	3.9	3.2	Construction	986	15.8	8.4
Retail trade	3,262	5.1	4.0	Manufacturing	2,800	13.9	7.8
Other industries	3,162	2.7	2.4	Other industries			
					13,438	16.9	6.5
Clerical workers	18,564	9.5	4.7	Service workers	1,047	30.9	7.3
Stenographers, typists, and secretaries	5,022	7.5	4.0	Private household workers	12,391	15.7	6.5
Other clerical workers	13,542	10.1	5.0	Service workers, except private household	4,682	10.4	6.7
				Food service workers	1,459	12.1	3.4
	31,261	10.9	7.7	Protective service workers	6,250	20.5	7.1
Blue-collar workers	12,662	6.8	5.6	All other			
Craft and kindred workers	1,122	4.0	5.4		2,749	4.9	7.4
Carpenters	2,393	8.6	5.6	Farm workers	1,485	1.2	.7
Construction craft workers, except carpenters	3,409	6.6	5.9	Farmers and farm managers	1,264	9.3	15.3
Mechanics and repairers	1,294	5.9	5.3	Farm laborers and supervisors	1,010	11.6	19.0
Metal craft workers				Paid workers	254	.4	.8
Blue-collar worker supervisors, not elsewhere classified	1,819	6.7	5.3	Unpaid family workers			

49. Employed black and Hispanic-origin workers by industry

(Numbers in thousands)

Industry	1981			Industry	198		
	Total employed	Percent of total			Total employed	Percent of total	
		Black	Hispanic origin			Black	Hispanic origin
Total, 16 years and over	100,397	9.3	5.1	Nondurable goods—Continued			
				Other nondurable goods industries	589	10.2	6.6
Agriculture	3,368	3.5	7.5		6,633	11.1	4.7
Mining	1,118	3.1	6.0	Transportation and public utilities	545	9.4	3.3
Construction	6,060	6.6	5.3	Railroads and railway express	1,155	11.3	5.2
Manufacturing	21,817	9.6	6.7	Other transportation	2,933	11.2	4.4
Durable goods	11,166	8.8	6.1	Communications and other public utilities			
Lumber and wood products	680	14.6	4.6		20,574	6.6	5.7
Furniture and fixtures	520	7.5	14.0	Wholesale and retail trade	4,016	5.8	5.4
Stone, clay, and glass products	653	11.0	6.8	Wholesale trade	16,508	6.8	5.7
Primary metal industries	1,154	13.3	6.8	Retail trade			
Fabricated metal products	1,441	7.1	7.8		6,133	7.6	6.3
Machinery, except electrical equipment	2,854	6.0	5.0	Finance, insurance, and real estate			
Electrical equipment	2,360	7.8	5.9		29,511	11.5	4.6
Transportation equipment	2,136	11.3	4.3	Service industries	1,376	28.8	7.4
Automobiles	1,012	13.3	3.1	Private households	28,135	10.7	4.5
Other transportation equipment	1,124	9.4	5.4	Other service industries	4,118	8.4	5.6
Instruments and related products	615	6.2	5.4	Business repair services	2,638	11.6	7.6
Other durable goods industries	763	7.1	10.2	Personal services	1,197	7.0	4.4
Nondurable goods	8,651	10.8	7.5	Entertainment and recreation services	20,201	11.1	3.9
Food and kindred products	1,780	11.2	10.4	Professional services	3,476	11.2	4.2
Textile mill products	744	18.4	4.6	Medical, except hospital	4,146	15.3	4.0
Apparel and other textile products	1,262	13.4	15.0	Hospitals	1,631	13.8	4.9
Paper and allied products	731	8.9	4.5	Welfare and religious	8,003	10.8	3.7
Printing and publishing	1,394	6.0	3.7	Education	2,906	4.1	3.0
Chemicals and allied products	1,285	12.1	4.1	Other	151	4.0	2.0
Rubber and plastics products	664	6.8	8.4	Forestry and fisheries			
					5,233	13.3	4.1
				Public administration			

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50. Employed persons by sex, age, race, and Hispanic origin

(In thousands)

Sex and age	Total		White		Black		Hispanic origin	
	1980	1981	1980	1981	1980	1981	1980	1981
Total, 16 years and over	99,303	100,397	87,715	88,709	9,511	9,599	5,136	5,369
16 to 19 years	7,710	7,225	7,021	6,586	567	505	465	414
16 to 17 years	3,106	2,866	2,861	2,645	192	170	180	162
18 to 19 years	4,605	4,359	4,161	3,941	376	335	285	253
20 to 24 years	14,087	14,122	12,905	12,977	1,176	1,146	900	967
25 years and over	77,506	79,050	68,789	69,644	7,768	7,949	3,759	3,987
25 to 54 years	62,960	64,580	55,128	56,583	6,224	6,318	3,182	3,383
55 years and over	14,545	14,470	13,660	13,062	1,546	1,630	602	625
Males, 16 years and over	53,196	53,397	47,121	47,315	4,787	4,794	3,153	3,271
16 to 19 years	4,085	3,815	3,708	3,466	349	324	282	262
16 to 17 years	1,672	1,526	1,532	1,400	109	95	101	86
18 to 19 years	2,412	2,289	2,174	2,066	239	229	180	176
20 to 24 years	7,532	7,504	6,852	6,857	611	603	553	568
25 years and over	41,520	42,078	36,767	37,244	3,796	3,867	2,335	2,481
25 to 54 years	33,736	34,357	29,671	30,227	3,182	3,311	1,963	2,176
55 years and over	7,784	7,721	7,096	7,017	602	615	370	305
Females, 16 years and over	46,107	47,000	40,593	41,394	4,724	4,804	1,983	2,098
16 to 19 years	3,625	3,411	3,314	3,119	218	181	183	152
16 to 17 years	1,434	1,340	1,329	1,245	83	75	79	76
18 to 19 years	2,193	2,070	1,986	1,873	136	106	104	77
20 to 24 years	6,555	6,618	5,753	5,820	565	543	346	399
25 years and over	35,986	36,972	32,022	32,456	3,972	4,082	1,424	1,547
25 to 54 years	29,225	30,223	25,457	26,356	3,042	3,007	1,219	1,208
55 years and over	6,761	6,749	6,065	6,099	930	1,015	232	339

51. Unemployment rates by sex, age, race, and Hispanic origin

Sex and age	Total		White		Black		Hispanic origin	
	1980	1981	1980	1981	1980	1981	1980	1981
Total, 16 years and over	7.1	7.6	6.3	6.9	14.3	15.8	10.1	10.4
16 to 19 years	17.8	19.6	15.3	17.3	38.5	41.4	22.5	24.8
16 to 17 years	18.0	21.4	17.4	19.3	40.1	44.8	21.8	28.0
18 to 19 years	14.2	18.5	13.8	15.9	37.2	39.1	19.5	21.9
20 to 24 years	13.5	13.7	9.8	10.4	23.8	26.4	12.1	14.0
25 years and over	3.1	3.4	2.7	2.8	8.6	10.8	7.7	7.8
25 to 54 years	3.5	3.8	3.1	3.3	10.1	11.3	8.1	8.8
55 years and over	3.3	3.6	3.0	3.1	5.8	6.7	5.9	7.0
Males, 16 years and over	6.9	7.4	6.1	6.7	13.7	15.7	9.7	10.2
16 to 19 years	16.3	20.1	16.1	17.9	37.3	40.7	21.8	24.4
16 to 17 years	20.4	23.9	19.3	19.9	39.1	43.2	26.1	30.2
18 to 19 years	13.3	16.8	14.3	16.3	35.1	39.2	19.3	20.3
20 to 24 years	11.5	11.2	11.1	11.4	21.1	25.3	12.3	14.2
25 years and over	4.8	5.1	4.2	4.3	9.9	10.8	7.3	7.6
25 to 54 years	5.1	5.5	4.5	4.9	10.5	11.3	7.4	7.8
55 years and over	5.0	5.3	5.0	5.2	7.0	6.7	7.0	6.9
Females, 16 years and over	7.4	7.8	6.5	6.9	15.0	15.8	10.7	10.8
16 to 19 years	17.2	19.1	14.6	16.6	39.8	42.3	23.4	25.5
16 to 17 years	19.4	20.7	17.4	18.4	42.9	46.5	30.4	27.3
18 to 19 years	15.6	17.9	13.1	15.1	38.7	39.8	19.2	23.3
20 to 24 years	10.4	11.2	8.5	9.1	21.5	26.4	11.9	13.8
25 years and over	3.5	3.8	3.0	3.2	9.1	10.6	8.4	8.4
25 to 54 years	4.0	4.3	3.3	3.5	10.1	11.6	9.0	8.8
55 years and over	3.2	3.8	3.1	3.7	4.6	5.0	5.0	7.1

52. Unemployed persons by duration of unemployment, race, and Hispanic origin

[In thousands]

Weeks of unemployment	Total		White		Black and other		Hispanic origin	
	1980	1981	1980	1981	1980	1981	1980	1981
DURATION								
Total, 16 years and over	7,637	8,273	5,884	6,343	1,752	1,930	575	624
Less than 5 weeks	3,295	3,449	2,580	2,703	715	746	265	287
5 to 14 weeks	2,470	2,539	1,908	1,967	562	573	186	199
15 weeks and over	1,871	2,285	1,396	1,673	476	612	124	138
15 to 26 weeks	1,051	1,122	805	848	247	274	75	79
27 weeks and over	820	1,162	592	825	229	338	49	59
Average (mean) duration, in weeks	11.9	13.7	11.5	13.0	13.4	16.0	11.1	11.2
Median duration, in weeks	6.5	6.9	6.3	6.7	7.3	8.0	6.0	5.9
PERCENT DISTRIBUTION								
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5 weeks	43.2	41.7	43.9	42.6	40.8	38.6	46.1	46.0
5 to 14 weeks	32.3	30.7	32.4	31.0	32.1	29.7	32.3	31.9
15 weeks and over	24.5	27.6	23.7	26.4	27.2	31.7	21.6	22.1
15 to 26 weeks	13.8	13.6	13.7	13.4	14.1	14.2	13.0	12.7
27 weeks and over	10.7	14.0	10.1	13.0	13.1	17.5	8.5	9.5

53. Unemployed persons by reason for unemployment, race and Hispanic origin

[Numbers in thousands]

Reason for unemployment	Total		White		Black and other		Hispanic origin	
	1980	1981	1980	1981	1980	1981	1980	1981
NUMBER OF UNEMPLOYED								
Total, 16 years and over	7,637	8,273	5,884	6,343	1,752	1,930	575	624
Job losers	3,947	4,267	3,100	3,335	847	932	305	353
On layoff	1,488	1,430	1,244	1,206	244	224	77	104
Other job losers	2,459	2,837	1,855	2,129	603	709	229	249
Job leavers	891	923	733	758	157	164	71	64
Reentrants	1,927	2,102	1,447	1,565	480	537	119	130
New entrants	873	981	603	684	270	296	79	76
PERCENT DISTRIBUTION								
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers	51.7	51.6	52.7	52.6	48.3	48.3	53.1	56.7
On layoff	19.5	17.3	21.1	19.0	13.9	11.6	13.4	16.7
Other job losers	32.2	34.3	31.5	33.6	34.2	36.7	39.9	40.0
Job leavers	11.7	11.2	12.5	12.0	9.0	8.5	12.4	10.3
Reentrants	25.2	25.4	24.6	24.7	27.4	27.8	20.7	20.8
New entrants	11.4	11.9	10.2	10.8	15.4	15.4	13.8	12.2
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE								
Job losers	3.7	3.9	3.3	3.5	6.3	6.8	5.4	5.9
Job leavers	.8	.8	.8	.8	1.2	1.2	1.2	1.1
Reentrants	1.8	1.9	1.5	1.6	3.6	3.9	2.1	2.2
New entrants	.8	.9	.6	.7	2.0	2.2	1.4	1.3

54. Black and Hispanic-origin workers not in labor force by reason, age, and sex

(In thousands)

Reason, black, and Hispanic origin	Total	Age			Sex	
		16 to 24 years	25 to 59 years	60 years and over	Males	Females
	1981					
BLACK						
Total not in labor force	7,134	2,239	2,585	2,309	2,433	4,701
Do not want a job now	5,740	1,564	1,962	2,215	1,966	3,775
Current activity						
Going to school	1,053	963	89	2	471	582
Ill, disabled	763	19	393	330	388	375
Keeping house	2,245	255	1,121	868	47	2,198
Retired	984	--	19	966	661	321
Other	695	307	340	49	399	297
Want a job now	1,393	675	624	94	474	925
Reason not looking						
School attendance	394	343	50	--	190	204
Ill health, disability	212	22	148	44	91	121
Home responsibilities	290	106	179	5	--	290
Think cannot get job	323	129	159	34	128	195
Other reasons [1]	174	75	88	10	59	115
HISPANIC ORIGIN						
Total not in labor force	3,338	1,009	1,600	729	867	2,471
Do not want a job now	2,901	809	1,381	713	727	2,174
Current activity						
Going to school	476	424	52	1	229	247
Ill, disabled	192	7	116	69	105	88
Keeping house	1,655	254	1,079	324	8	1,647
Retired	313	--	8	305	232	81
Other	265	124	126	14	153	111
Want a job now	437	200	218	16	139	296
Reason not looking						
School attendance	106	90	15	--	51	55
Ill health, disability	59	10	41	6	27	31
Home responsibilities	115	33	81	--	--	115
Think cannot get job	73	29	38	7	30	42
Other reasons [1]	84	38	43	3	31	53

[1] Includes small number of men not looking for work because of "home responsibilities."

55. Employment status of male Vietnam-era veterans and nonveterans by age

[Numbers in thousands]

Veteran status and age	Civilian noninstitutional population		Civilian labor force							
			Total		Employed		Unemployed			
							Number		Percent of labor force	
	1980	1981	1980	1981	1980	1981	1980	1981	1980	1981
VETERANS										
Total, 25 years and over	8,278	8,549	7,862	8,111	7,416	7,639	445	472	5.7	5.8
25 to 39 years	7,272	7,315	6,996	7,036	6,578	6,602	418	434	6.0	6.2
25 to 29 years	1,713	1,486	1,612	1,386	1,452	1,250	160	136	9.9	9.8
30 to 34 years	3,574	3,325	3,460	3,217	3,285	3,033	176	184	5.1	5.7
35 to 39 years	1,985	2,504	1,924	2,433	1,841	2,319	83	114	4.3	4.7
40 years and over	1,002	1,234	866	1,075	838	1,037	27	38	3.1	3.5
NONVETERANS										
Total, 25 to 39 years	16,321	17,215	15,489	16,297	14,555	15,265	935	1,032	6.0	6.3
25 to 29 years	7,534	7,658	7,114	7,402	6,582	6,843	532	559	7.5	7.6
30 to 34 years	4,837	5,472	4,619	5,209	4,368	4,904	250	305	5.4	5.9
35 to 39 years	3,950	3,885	3,757	3,686	3,605	3,518	152	168	4.1	4.6

NOTE: Vietnam-era veterans are males who served in the Armed Forces between August 5, 1964 and May 7, 1975. Nonveterans are males who never served in the Armed Forces; published data are limited to those 25 to 39 years of age, the group that most closely corresponds to the bulk of the Vietnam-era veteran population. Although Public Law 96-466 (the Veterans Rehabilitation and Education Amendments of 1980), which became effective October 17, 1980, requires publication of labor market data for veterans who actually served in the Vietnam theater of operations, these data are not presently collected. Because of the widespread interest in statistics for all Vietnam-era veterans, the BLS is continuing publication of annual data for this group since these data are currently available.

56. Employment status of male Vietnam-era veterans and nonveterans by age, race, and Hispanic origin

[Numbers in thousands]

Employment status and age	Veterans[1]						Nonveterans					
	White		Black and other		Hispanic origin		White		Black and other		Hispanic origin	
	1980	1981	1980	1981	1980	1981	1980	1981	1980	1981	1980	1981
Total, 25 to 39 years												
Civilian noninstitutional population	6,514	6,536	758	779	269	276	14,027	14,814	2,294	2,401	1,232	1,342
Civilian labor force	6,293	6,324	704	712	252	261	13,445	14,185	2,044	2,112	1,155	1,255
Employed	5,958	5,963	622	639	236	241	12,735	13,400	1,821	1,865	1,061	1,148
Unemployed	335	361	82	73	16	20	710	785	223	247	94	107
Unemployment rate	5.3	5.7	11.6	10.3	6.3	7.7	5.3	5.5	10.9	11.7	8.1	8.5
25 to 29 years												
Civilian noninstitutional population	1,480	1,281	233	205	87	80	6,556	6,828	979	1,030	540	593
Civilian labor force	1,397	1,209	215	178	79	75	6,250	6,510	863	892	503	555
Employed	1,276	1,100	176	150	73	70	5,833	6,077	749	766	458	506
Unemployed	121	108	39	28	6	5	417	433	115	126	45	49
Unemployment rate	8.7	8.9	18.1	15.7	7.6	6.7	6.7	6.7	13.3	14.1	8.9	8.8
30 to 34 years												
Civilian noninstitutional population	3,342	2,991	332	334	120	111	4,109	4,677	728	795	395	434
Civilian labor force	3,152	2,909	309	308	115	107	3,960	4,500	659	709	371	409
Employed	3,005	2,753	281	280	109	98	3,778	4,274	591	639	341	371
Unemployed	147	156	28	28	6	9	182	226	68	70	30	38
Unemployment rate	4.7	5.4	9.1	9.1	5.7	8.4	4.6	5.0	10.3	11.1	8.1	9.3
35 to 39 years												
Civilian noninstitutional population	1,791	2,264	194	240	62	85	3,363	3,309	587	576	298	315
Civilian labor force	1,743	2,207	181	226	58	79	3,235	3,175	521	511	283	291
Employed	1,676	2,110	166	209	54	73	3,123	3,049	480	469	263	271
Unemployed	67	97	15	17	4	6	112	126	41	42	19	20
Unemployment rate	3.8	4.4	8.3	7.5	6.9	7.6	3.5	4.0	7.9	8.2	6.7	6.9

57. Employment status of the noninstitutional population in metropolitan and nonmetropolitan areas by sex, age, and race

(Numbers in thousands)

Employment status, sex, age, and race	Metropolitan areas						Nonmetropolitan areas					
	Total		Central cities		Suburbs		Total		Farm		Nonfarm	
	1980	1981	1980	1981	1980	1981	1980	1981	1980	1981	1980	1981
TOTAL												
	114,088	115,705	47,417	47,557	66,672	68,148	53,658	54,425	4,575	4,149	49,083	50,036
	73,911	75,048	29,769	29,777	44,141	45,271	33,027	33,620	2,912	2,817	30,124	30,803
	64.8	64.9	62.8	62.6	66.2	66.4	61.6	61.8	63.7	64.2	61.4	61.6
	68,888	69,433	27,271	27,129	41,617	42,304	30,613	30,963	2,820	2,719	27,794	28,244
	5,023	5,615	2,498	2,648	2,524	2,966	2,415	2,657	94	98	2,321	2,559
	6.8	7.5	8.4	8.9	6.2	6.6	7.3	7.9	3.2	3.5	7.7	8.3
	40,177	40,657	17,648	17,779	22,530	22,878	20,631	20,805	1,662	1,571	18,969	19,234
Males, 20 years and over												
	48,270	49,206	19,698	19,906	28,572	29,300	22,866	23,212	2,085	2,008	20,782	21,204
	38,811	39,365	15,274	15,335	23,532	24,030	17,644	17,832	1,704	1,638	15,940	16,194
	80.4	80.0	77.6	77.0	82.4	82.0	77.2	76.8	81.7	81.7	76.7	76.4
	36,519	36,888	14,159	14,150	22,361	22,738	16,581	16,684	1,670	1,603	14,912	15,081
	2,292	2,467	1,122	1,185	1,170	1,282	1,059	1,147	33	35	1,026	1,112
	5.9	6.3	7.3	7.7	5.0	5.3	6.0	6.4	1.9	2.1	6.4	6.9
	9,458	9,841	4,415	4,570	5,043	5,271	6,225	6,381	381	368	4,845	5,013
Females, 20 years and over												
	54,702	55,642	23,110	23,465	31,592	32,177	25,363	25,855	1,903	1,911	23,399	23,944
	28,799	29,677	12,163	12,330	16,636	17,347	12,306	12,807	899	896	11,407	11,911
	52.6	53.3	52.2	52.5	53.0	53.9	48.5	49.5	45.8	46.9	48.7	49.7
	27,023	27,723	11,309	11,588	15,715	16,135	11,468	11,867	866	858	10,603	11,009
	1,776	1,955	853	942	922	1,013	838	939	33	38	803	901
	6.2	6.6	7.0	7.6	5.5	5.8	6.8	7.3	3.7	4.2	7.0	7.6
	25,901	25,964	11,147	11,134	14,154	14,830	13,058	13,049	1,065	1,015	11,993	12,034
Both sexes, 16-19 years												
	11,115	10,857	4,411	4,186	6,705	6,671	5,428	5,357	527	472	4,901	4,885
	6,199	6,005	2,504	2,412	3,695	3,593	3,078	2,981	310	284	2,768	2,697
	55.8	55.3	56.7	56.3	55.3	53.9	56.7	55.7	58.8	60.1	56.5	55.2
	5,148	4,813	1,902	1,790	3,246	3,023	2,561	2,412	282	259	2,279	2,153
	1,051	1,192	603	620	631	672	518	570	28	25	490	545
	16.9	19.9	22.4	26.6	15.9	17.3	16.8	19.1	9.0	8.8	17.7	20.2
	4,917	4,851	2,087	2,074	2,830	2,777	2,350	2,376	217	188	2,133	2,188
White												
	97,292	98,475	35,812	35,714	61,479	62,761	48,831	49,433	4,293	4,128	44,538	45,305
	61,373	64,339	22,733	22,707	40,640	41,632	30,225	30,711	2,764	2,680	27,462	28,031
	63.1	65.3	63.5	63.6	66.1	66.3	61.9	62.1	64.4	64.9	61.7	61.9
	59,517	60,227	21,238	21,151	38,279	39,076	28,197	28,481	2,684	2,596	25,513	25,885
	1,856	4,111	1,496	1,556	2,360	2,556	2,028	2,230	79	85	1,949	2,147
	6.1	6.4	6.6	6.9	5.8	6.1	6.7	7.3	2.9	3.1	7.1	7.7
	33,919	34,136	13,077	13,007	20,841	21,129	18,606	18,722	1,531	1,449	17,076	17,273
Black and other												
	16,797	17,230	11,606	11,843	5,190	5,387	4,825	4,991	281	260	4,545	4,731
	10,537	10,709	7,036	7,070	3,503	3,639	2,802	2,909	151	138	2,651	2,771
	62.7	62.2	60.6	59.7	67.5	67.6	58.1	58.3	53.7	52.9	58.3	58.6
	9,171	9,206	6,033	5,978	3,138	3,228	2,416	2,482	135	123	2,282	2,359
	1,366	1,503	1,003	1,093	369	410	386	427	14	14	372	413
	13.0	14.0	14.3	15.5	10.4	11.3	13.8	14.7	9.3	10.5	14.0	14.9
	6,260	6,521	4,571	4,772	1,688	1,749	2,027	2,082	131	123	1,892	1,959

58. Employment status of the noninstitutional population in poverty and nonpoverty areas by race

(Number in thousands)

Employment status and race	Total United States				Metropolitan areas				Nonmetropolitan areas			
	Poverty areas		Nonpoverty areas		Poverty areas		Nonpoverty areas		Poverty areas		Nonpoverty areas	
	1980	1981	1980	1981	1980	1981	1980	1981	1980	1981	1980	1981
TOTAL												
Civilian noninstitutional population	30,246	30,304	137,499	139,826	11,451	11,472	102,637	104,233	18,795	18,832	34,862	35,593
Civilian labor force	16,973	17,100	89,965	91,568	6,201	6,251	67,710	68,797	10,771	10,848	22,255	22,771
Percent of population	56.1	56.4	65.4	65.5	54.2	54.5	66.0	66.0	57.3	57.6	63.8	64.0
Employed	15,280	15,268	84,021	85,128	5,356	5,352	63,333	64,082	9,923	9,916	20,690	21,047
Unemployed	1,692	1,831	5,943	6,440	845	900	4,377	4,715	848	932	1,565	1,725
Unemployment rate	10.0	10.7	6.6	7.0	13.6	14.4	6.5	6.9	7.9	8.6	7.0	7.6
Not in labor force	13,273	13,204	47,534	48,257	5,249	5,220	34,926	35,437	8,024	7,984	12,607	12,821
White												
Civilian noninstitutional population	21,392	21,366	124,732	12 543	5,785	5,837	91,507	92,638	15,608	15,529	33,223	33,904
Civilian labor force	12,293	12,371	81,305	82,679	3,239	3,324	60,135	61,015	9,054	9,047	21,170	21,664
Percent of population	57.5	57.9	65.2	65.3	56.0	57.0	65.7	65.9	58.0	58.3	63.7	63.9
Employed	11,366	11,383	76,350	77,325	2,912	2,991	56,606	57,236	8,454	8,392	19,742	20,089
Unemployed	927	988	4,956	5,354	328	333	3,528	3,778	599	654	1,427	1,575
Unemployment rate	7.5	8.0	6.1	6.5	10.1	10.0	5.9	6.2	6.6	7.2	6.7	7.3
Not in labor force	9,098	8,995	43,425	43,863	2,545	2,513	31,372	31,623	6,553	6,482	12,053	12,240
Black and other												
Civilian noninstitutional population	8,856	8,938	12,766	13,283	5,667	5,635	11,129	11,595	3,187	3,303	1,636	1,688
Civilian labor force	4,680	4,729	8,659	8,889	2,961	2,927	7,576	7,782	1,717	1,801	1,083	1,107
Percent of population	52.8	52.9	67.8	66.9	52.2	51.9	68.1	67.1	53.9	54.5	66.2	65.6
Employed	3,914	3,885	7,672	7,803	2,445	2,361	6,726	6,845	1,470	1,524	947	958
Unemployed	766	844	987	1,086	516	566	849	937	249	277	136	150
Unemployment rate	16.4	17.8	11.4	12.2	17.4	19.3	11.2	12.0	14.5	15.4	12.7	13.5
Not in labor force	4,175	4,209	4,107	4,394	2,705	2,708	3,553	3,813	1,470	1,302	554	581

59. Unemployment rates in poverty and nonpoverty areas by race, sex, and age.

Race, sex, and age	Total United States				Metropolitan areas				Nonmetropolitan areas			
	Poverty areas		Nonpoverty areas		Poverty areas		Nonpoverty areas		Poverty areas		Nonpoverty areas	
	1980	1981	1980	1981	1980	1981	1980	1981	1980	1981	1980	1981
TOTAL												
Both sexes, 16 years and over	10.0	10.7	6.6	7.0	13.6	14.4	6.5	6.9	7.9	8.6	7.0	7.6
Males, 20 years and over	8.2	9.0	5.5	5.8	11.4	12.6	5.4	5.7	6.4	6.8	5.8	6.2
Females, 20 years and over	9.1	9.8	5.9	6.3	11.7	12.3	5.7	6.1	7.4	8.2	5.3	5.9
Both sexes, 16-19 years	24.3	25.9	16.5	18.4	34.9	34.4	16.7	18.5	18.2	21.2	16.2	18.1
White												
Both sexes, 16 years and over	7.5	8.0	6.1	6.5	10.1	10.0	5.9	6.2	6.6	7.2	6.7	7.3
Males, 20 years and over	6.3	6.8	5.1	5.4	8.7	9.4	4.9	5.2	5.5	5.8	5.6	6.0
Females, 20 years and over	6.8	7.0	5.4	5.7	8.8	7.9	5.1	5.4	6.1	6.5	6.2	6.6
Both sexes, 16-19 years	18.1	20.1	15.1	16.8	25.0	24.6	15.1	16.6	15.6	18.6	15.3	17.4
Black and other												
Both sexes, 16 years and over	16.4	17.8	11.4	12.2	17.4	19.3	11.2	12.0	14.5	15.4	12.7	13.5
Males, 20 years and over	13.9	15.5	10.0	10.3	15.1	17.4	9.4	10.2	12.6	12.4	10.3	11.0
Females, 20 years and over	14.0	15.9	9.5	10.6	14.2	16.4	9.3	10.4	13.6	14.4	11.0	12.2
Both sexes, 16-19 years	40.1	40.3	32.2	36.2	44.9	43.7	31.7	36.6	32.0	34.4	33.7	34.1

60. Unemployment in families by type of family, race, Hispanic origin, and presence of employed family members

(Numbers in thousands)

Type of family, race, and Hispanic origin	1980					1981				
	Total families	With unemployment				Total families	With unemployment			
		Total	Percent of families				Total	Percent of families		
			With no employed person in family	With at least one employed person in family	With at least one person in family employed full time			With no employed person in family	With at least one employed person in family	With at least one person in family employed full time
TOTAL										
Total families	60,439	5,958	27.9	72.1	63.9	61,023	6,354	28.0	72.0	63.5
With children under 18 years of age	31,047	3,747	28.8	71.2	63.2	31,172	3,964	29.4	70.6	62.0
Married couple families	49,132	4,433	21.0	79.0	71.2	49,319	4,634	20.4	79.6	71.5
With children under 18 years of age	24,773	2,826	20.2	79.8	71.9	24,656	2,941	19.9	80.1	71.9
Families maintained by females	8,962	1,227	50.2	49.8	39.6	9,296	1,404	50.6	49.4	39.1
With children under 18 years of age	5,464	802	56.5	43.5	34.5	5,687	912	58.3	41.7	32.1
Families maintained by males	2,346	298	40.2	59.8	51.8	2,408	317	38.6	61.4	53.6
With children under 18 years of age	809	117	45.4	54.6	51.3	830	110	45.9	54.1	47.7
White										
Total families	52,752	4,685	25.5	74.5	66.5	53,160	4,942	25.3	74.7	66.2
With children under 18 years of age	26,316	2,899	25.8	74.2	66.2	26,355	3,030	25.9	74.1	65.3
Married couple families	44,626	3,769	20.9	79.1	71.3	44,803	3,907	20.1	79.9	71.8
With children under 18 years of age	22,125	2,380	20.1	79.9	71.8	21,973	2,441	19.7	80.3	71.8
Families maintained by females	6,225	700	46.3	53.7	44.3	6,405	803	46.7	53.3	43.3
With children under 18 years of age	3,543	429	53.2	46.8	37.7	3,707	497	53.5	46.5	35.8
Families maintained by males	1,902	214	38.0	62.0	55.4	1,953	232	37.5	62.5	55.6
With children under 18 years of age	649	90	43.8	56.2	53.9	675	86	42.5	57.5	50.4
Black										
Total families	6,461	1,137	37.9	62.1	53.3	6,578	1,268	38.2	61.8	53.1
With children under 18 years of age	3,967	753	39.7	60.3	51.8	3,996	836	41.7	58.3	50.5
Married couple families	3,534	363	20.9	79.1	71.1	3,505	619	21.5	78.5	70.3
With children under 18 years of age	2,017	376	19.8	80.2	73.0	2,014	420	20.5	79.5	72.6
Families maintained by females	2,561	502	55.9	44.1	33.5	2,698	574	55.7	44.3	35.1
With children under 18 years of age	1,812	353	60.3	39.7	29.6	1,854	395	63.5	36.5	28.1
Families maintained by males	366	72	45.9	54.1	51.4	375	75	42.9	57.1	48.1
With children under 18 years of age	137	25	(1)	(1)	(1)	128	22	(1)	(1)	(1)
Hispanic origin										
Total families	3,241	454	31.4	68.6	61.5	3,394	484	31.1	68.9	60.7
With children under 18 years of age	2,221	326	32.6	67.4	60.3	2,321	345	33.4	66.6	59.3
Married couple families	2,400	347	25.4	74.6	67.3	2,487	344	25.0	75.0	67.4
With children under 18 years of age	1,662	258	25.6	74.4	67.1	1,725	260	25.1	74.9	68.0
Families maintained by females	658	78	61.0	39.0	33.8	715	107	49.5	50.5	38.3
With children under 18 years of age	494	53	67.9	32.1	26.4	528	75	60.8	39.2	31.1
Families maintained by males	183	28	(1)	(1)	(1)	192	32	(1)	(1)	(1)
With children under 18 years of age	65	13	(1)	(1)	(1)	67	9	(1)	(1)	(1)

(1) Percent not shown where base is less than 35,000.

61. Unemployed persons by family relationship, race, Hispanic origin, and presence of employed family members

(Numbers in thousands)

Family relationship, race, and Hispanic origin	1980				1981			
	Total	Percent of unemployed			Total	Percent of unemployed		
		With no employed persons in family	With at least one employed person in family	With at least one person in family employed full time		With no employed persons in family	With at least one employed person in family	With at least one person in family employed full time
TOTAL								
Total unemployed	7,637	40.3	59.7	52.7	8,273	40.1	59.9	52.6
In families	6,537	30.2	69.8	61.6	7,072	30.0	70.0	61.5
Husbands	1,610	45.4	54.6	41.6	1,667	44.6	55.4	41.8
With children under 18 years of age	1,040	48.7	51.3	37.3	1,079	47.8	52.2	37.5
Wives	1,374	16.7	83.3	77.2	1,445	17.2	82.8	77.4
With children under 18 years of age	861	13.8	86.2	80.9	919	15.1	84.9	79.3
Relatives in married-couple families	1,842	9.4	90.6	85.7	2,004	8.7	91.3	85.9
Females who maintain families	483	81.0	19.0	12.2	579	81.8	18.2	10.5
With children under 18 years of age	403	87.3	12.7	7.0	481	87.7	12.3	5.9
Relatives in families maintained by females	901	34.9	65.1	53.7	1,024	32.8	67.2	55.6
Males who maintain families	121	71.9	28.1	21.5	526	65.7	34.3	20.1
With children under 18 years of age	54	85.5	14.5	9.1	133	84.6	15.4	9.4
Relatives in families maintained by males	206	24.8	75.2	69.9	55	25.4	74.6	67.2
Not in families[1]	1,099	--	--	--	1,201	--	--	--
White								
Total unemployed	5,884	38.2	61.8	55.0	6,343	38.2	61.8	54.6
In families	5,040	27.8	72.2	64.2	5,402	27.4	72.6	64.1
Husbands	1,364	45.8	54.2	40.7	1,394	44.8	55.2	40.8
With children under 18 years of age	871	49.6	50.4	35.6	886	48.4	51.6	35.8
Wives	1,168	15.7	84.3	78.7	1,217	16.5	83.5	78.2
With children under 18 years of age	716	12.9	87.1	82.1	755	14.2	85.8	80.3
Relatives in married-couple families	1,921	8.9	91.1	86.5	1,658	8.0	92.0	87.1
Females who maintain families	272	78.2	21.8	14.4	317	77.3	22.7	12.9
With children under 18 years of age	217	86.1	13.9	7.9	253	85.1	14.9	6.8
Relatives in families maintained by females	482	31.4	68.6	58.6	558	30.7	69.3	58.0
Males who maintain families	84	72.6	27.4	20.7	97	64.9	35.1	27.3
With children under 18 years of age	39	82.9	17.1	9.8	41	81.7	18.3	11.2
Relatives in families maintained by males	149	22.8	77.2	70.3	161	25.7	74.3	67.6
Not in families[1]	845	--	--	--	941	--	--	--
Black								
Total unemployed	1,553	47.8	52.2	44.5	1,731	47.0	53.0	45.5
In families	1,329	39.1	60.9	52.0	1,502	38.9	61.1	52.4
Husbands	203	41.5	58.5	47.8	232	43.2	56.8	48.5
With children under 18 years of age	141	42.6	57.4	47.5	164	44.5	55.5	47.6
Wives	166	21.7	78.3	71.7	189	21.4	78.6	71.9
With children under 18 years of age	119	18.5	81.5	75.6	138	19.3	80.7	73.9
Relatives in married-couple families	276	12.0	88.0	81.5	299	11.4	88.6	80.2
Females who maintain families	198	85.9	14.1	8.1	247	87.4	12.6	7.6
With children under 18 years of age	175	89.7	10.3	5.1	215	90.6	9.4	4.9
Relatives in families maintained by females	403	39.1	60.9	47.8	452	35.2	64.8	53.0
Males who maintain families	32	(2)	(2)	(2)	30	(2)	(2)	(2)
With children under 18 years of age	12	(2)	(2)	(2)	12	(2)	(2)	(2)
Relatives in families maintained by males	51	30.8	69.2	65.4	53	24.0	76.0	66.1
Not in families[1]	224	--	--	--	229	--	--	--
Hispanic origin								
Total unemployed	575	39.3	60.7	54.6	624	41.2	58.8	51.3
In families	517	32.4	67.6	60.9	545	32.6	67.4	58.7
Husbands	143	51.0	49.0	38.6	143	51.4	48.6	37.7
With children under 18 years of age	112	53.6	46.4	37.3	114	53.2	46.8	38.0
Wives	95	16.7	83.3	77.1	99	17.1	82.9	76.9
With children under 18 years of age	71	15.3	84.7	77.8	73	15.8	84.2	79.1
Relatives in married-couple families	154	9.1	90.9	85.7	143	9.2	90.8	84.1
Females who maintain families	34	(2)	(2)	(2)	42	75.2	24.8	14.1
With children under 18 years of age	29	(2)	(2)	(2)	35	83.6	16.4	10.3
Relatives in families maintained by females	56	47.3	52.7	45.5	79	33.9	66.1	53.3
Males who maintain families	9	(2)	(2)	(2)	18	(2)	(2)	(2)
With children under 18 years of age	5	(2)	(2)	(2)	6	(2)	(2)	(2)
Relatives in families maintained by males	24	(2)	(2)	(2)	21	(2)	(2)	(2)
Not in families[2]	59	--	--	--	79	--	--	--

[1] The majority of these persons are living alone or with nonrelatives. Also included are persons in married-couple families where the husband is in the Armed Forces, persons in secondary families, and some whose status is unknown.

[2] Percent not shown where base is less than 35,000.

HOUSEHOLD DATA
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62. Employed persons by family relationship, race, Hispanic origin, and presence of additional employed family members

(Numbers in thousands)

Family relationship, race, and Hispanic origin	1980				1981			
	Total	Percent of employed:			Total	Percent of employed:		
		With no other employed person in family	With another employed person in family	With another person in family employed full time		With no other employed person in family	With another employed person in family	With another person in family employed full time
TOTAL								
Total employed	99,303	37.7	62.3	52.9	100,397	37.9	62.1	52.7
In families	84,271	26.6	73.4	62.4	84,854	26.5	73.5	62.3
Husbands	38,179	37.7	62.3	45.3	38,008	36.9	63.1	45.6
With children under 18 years of age	22,660	40.1	59.9	39.9	22,505	39.5	60.5	40.1
Wives	23,203	9.4	90.6	85.8	23,590	9.6	90.4	85.5
With children under 18 years of age	12,492	5.4	94.6	90.8	12,698	5.7	94.3	90.4
Relatives in married-couple families	11,627	5.6	94.4	90.7	11,709	5.7	94.3	90.2
Females who maintain families	4,780	65.4	34.6	23.5	4,998	66.6	33.4	22.1
With children under 18 years of age	3,209	76.9	23.1	12.3	3,357	79.0	21.0	10.7
Relatives in families maintained by females	3,606	27.3	72.7	61.7	3,607	27.5	72.5	61.4
Males who maintain families	1,680	56.4	43.6	33.3	1,696	56.8	43.2	32.1
With children under 18 years of age	681	69.6	30.4	18.0	697	71.1	28.9	15.5
Relatives in families maintained by males	1,198	15.4	84.6	77.6	1,247	17.3	82.7	75.9
Not in families[1]	15,031	--	--	--	15,543	--	--	--
White								
Total employed	87,715	37.3	62.7	53.1	88,709	37.3	62.7	53.0
In families	74,606	26.2	73.8	62.5	75,157	26.0	74.0	62.5
Husbands	34,804	38.2	61.8	44.2	34,663	37.4	62.6	44.6
With children under 18 years of age	20,405	40.9	59.1	38.2	20,251	40.2	59.8	38.4
Wives	20,725	8.9	91.1	86.3	21,135	9.2	90.8	86.1
With children under 18 years of age	10,930	4.9	95.1	91.4	11,142	5.1	94.9	91.1
Relatives in married-couple families	10,328	5.4	94.6	91.0	10,616	5.6	94.4	90.6
Females who maintain families	3,479	63.3	36.7	24.5	3,618	64.6	35.4	23.1
With children under 18 years of age	2,269	75.5	24.5	12.2	2,390	77.6	22.4	10.7
Relatives in families maintained by females	2,697	27.6	72.4	61.9	2,707	27.7	72.3	61.4
Males who maintain families	1,391	55.6	44.4	33.3	1,405	69.4	30.6	15.9
With children under 18 years of age	560	68.1	31.9	18.0	583	56.3	43.7	31.9
Relatives in families maintained by males	981	15.0	85.0	78.1	1,013	16.6	82.4	76.8
Not in families[1]	13,109	--	--	--	13,552	--	--	--
Black								
Total employed	9,311	43.2	56.8	49.4	9,355	44.3	55.7	48.2
In families	7,720	31.5	68.5	59.6	7,704	32.4	67.6	58.5
Husbands	2,597	31.8	68.2	56.3	2,540	31.9	68.1	56.4
With children under 18 years of age	1,711	31.8	68.2	56.2	1,677	32.1	67.9	56.3
Wives	1,901	14.6	85.4	80.1	1,869	15.2	84.8	78.8
With children under 18 years of age	1,187	10.3	89.7	85.1	1,175	11.2	88.8	83.2
Relatives in married-couple families	791	7.6	92.4	86.4	779	8.1	91.9	85.2
Females who maintain families	1,201	72.3	27.8	19.8	1,276	73.0	27.0	18.9
With children under 18 years of age	882	80.6	19.4	12.3	901	82.7	17.3	10.4
Relatives in families maintained by females	827	27.4	72.6	60.0	818	27.6	72.4	60.2
Males who maintain families	233	61.8	38.2	31.3	239	59.6	40.4	32.8
With children under 18 years of age	104	76.7	23.3	17.5	96	80.1	19.9	12.8
Relatives in families maintained by males	170	19.4	80.6	74.1	182	21.7	78.3	69.9
Not in families[1]	1,593	--	--	--	1,651	--	--	--
Hispanic origin								
Total employed	5,126	39.1	60.9	53.1	5,348	38.8	61.2	53.5
In families	4,432	29.6	70.4	61.4	4,644	29.5	70.5	61.6
Husbands	1,935	43.5	56.5	44.1	2,025	42.4	57.6	45.7
With children under 18 years of age	1,443	46.3	53.7	40.6	1,499	45.3	54.7	42.1
Wives	1,025	8.8	91.2	86.0	1,097	8.8	91.2	85.9
With children under 18 years of age	692	7.2	92.8	87.7	753	7.6	92.4	87.9
Relatives in married-couple families	690	6.1	93.9	88.0	700	6.9	93.1	88.0
Females who maintain families	280	71.4	28.6	21.4	302	70.1	29.9	21.7
With children under 18 years of age	207	81.2	18.8	12.1	216	80.9	19.1	11.0
Relatives in families maintained by females	196	24.5	75.5	63.8	237	28.3	71.7	60.8
Males who maintain families	149	48.0	52.0	42.6	144	49.6	50.4	39.2
With children under 18 years of age	54	67.3	32.7	27.3	54	74.3	25.7	15.5
Relatives in families maintained by males	139	7.1	92.9	87.9	139	12.3	87.7	79.5
Not in families[1]	694	--	--	--	704	--	--	--

[1] The majority of these persons are living alone or with nonrelatives. Also included are persons in married-couple families where the husband is in the Armed Forces, persons in secondary families, and some whose status is unknown.

Explanatory Notes

Introduction

The statistics in this periodical are compiled from two major sources: (1) Household interviews, and (2) reports from employers.

Data based on household interviews are obtained from a sample survey of the population 16 years of age and over. The survey is conducted each month by the Bureau of the Census for the Bureau of Labor Statistics and provides comprehensive data on the labor force, the employed, and the unemployed, including such characteristics as age, sex, race, family relationship, marital status, occupation, and industry attachment. The survey also provides data on the characteristics and past work experience of those not in the labor force. The information is collected by trained interviewers from a sample of about 60,000 households, representing 629 areas in 1,148 counties and independent cities, with coverage in 50 States and the District of Columbia. The data collected are based on the activity or status reported for the calendar week including the 12th of the month.

Data based on establishment records are compiled each month from mail questionnaires by the Bureau of Labor Statistics, in cooperation with State agencies. The establishment survey is designed to provide industry information on nonagricultural wage and salary employment, average weekly hours, average hourly and weekly earnings, and labor turnover for the Nation, States, and metropolitan areas. The employment, hours, and earnings series are based on payroll reports from a sample of establishments employing over 30 million nonagricultural wage and salary workers. The data relate to all workers, full- or part-time, who received pay during the payroll period which includes the 12th day of the month. Based on a somewhat smaller sample, labor turnover data relate to actions occurring during the entire month.

RELATION BETWEEN THE HOUSEHOLD AND ESTABLISHMENT SERIES

The household and establishment data supplement one another, each providing significant types of information that the other cannot suitably supply. Population characteristics, for example, are readily obtained only from the household survey whereas detailed industrial classifications can be reliably derived only from establishment reports.

Data from these two sources differ from each other because of differences in definition and coverage, sources of information, methods of collection, and estimating procedures. Sampling variability and response errors are additional reasons for discrepancies. The major factors which have a differential effect on levels and trends of the two series are as follows.

Employment

Coverage. The household survey definition of employment comprises wage and salary workers (including domestics and other private household workers), self-employed persons, and unpaid workers who worked 15 hours or more during the survey week in family-operated enterprises. Employment in both agricultural and nonagricultural industries is included. The payroll survey covers only wage and salary employees on the payrolls of nonagricultural establishments.

Multiple jobholding. The household approach provides information on the work status of the population without duplication, since each person is classified as employed, unemployed, or not in the labor force. Employed persons holding more than one job are counted only once and are classified according to the job at which they worked the greatest number of hours during the survey week. In the figures based on establishment reports, persons who worked in more than one establishment during the reporting period are counted each time their names appear on payrolls.

Unpaid absences from jobs. The household survey includes among the employed all persons who had jobs but were not at work during the survey week—that is, were not working but had jobs from which they were temporarily absent because of illness, bad weather, vacation, labor-management dispute, or because they were taking time off for various other reasons, even if they were not paid by their employers for the time off. In the figures based on payroll reports, persons on leave paid for by the company are included, but not those on leave without pay for the entire payroll period.

For a comprehensive discussion of the differences between household and establishment survey employment data, see Gloria P. Green's article "Comparing Employment Estimates from Household and Payroll Surveys," *Monthly Labor Review*, December 1969.

Hours of work

The household survey measures hours actually worked whereas the payroll survey measures hours paid for by employers. In the household survey data, all persons with a job but not at work are excluded from the hours distributions and the computations of average hours. In the payroll survey, production or nonsupervisory employees on paid vacation, paid holiday, or paid sick leave are included and assigned the number of hours for which they were paid during the reporting period.

Earnings

The household survey measures median earnings of wage and salary workers in all occupations and industries in both the private and public sectors. Data refer to the usual earnings received from the worker's sole or primary job. Data from the establishment survey generally refer to mean earnings of production and related workers in mining and manufacturing, construction workers in construction, and nonsupervisory employees in private service-producing industries. For a comprehensive discussion of the household survey earnings series, see "Technical Description of the Quarterly Data on Weekly Earnings from the Current Population Survey," BLS Bulletin 2113.

COMPARABILITY OF THE HOUSEHOLD DATA WITH OTHER SERIES

Unemployment insurance data. The unemployed total from the household survey includes all persons who did not have a job at all during the survey week and were looking for work or were waiting to be called back to a job from which they had been laid off, whether or

not they were eligible for unemployment insurance. Figures on unemployment insurance claims, prepared by the Employment and Training Administration of the Department of Labor, exclude persons who have exhausted their benefit rights, new workers who have not earned rights to unemployment insurance, and persons losing jobs not covered by unemployment insurance systems (some workers in agriculture, domestic services, and religious organizations, and self-employed and unpaid family workers). Beginning in January 1978, coverage was extended to include domestic workers whose employers paid $1,000 or more in wages in any calendar quarter, agricultural employees whose employers engaged 10 or more workers in 20 weeks or paid a total of $20,000 or more in wages in any calendar quarter, and almost all State and local government employees.

In addition, the qualifications for drawing unemployment compensation differ from the definition of unemployment used in the household survey. For example, persons with a job but not at work and persons working only a few hours during the week are sometimes eligible for unemployment compensation but are classified as employed rather than unemployed in the household survey.

For an examination of the similarities and differences between State insured unemployment and total unemployment, see "Measuring Total and State Insured Unemployment" by Gloria P. Green in the June 1971 issue of the *Monthly Labor Review*.

Agricultural employment estimates of the Department of Agriculture. The principal differences in coverage are the inclusion of persons under 16 in the Statistical Research Service (SRS) series and the treatment of dual jobholders who are counted more than once if they work on more than one farm during the reporting period. There are also wide differences in sampling techniques and collecting and estimating methods, which cannot be readily measured in terms of impact on differences in level and trend of the two series.

COMPARABILITY OF THE PAYROLL EMPLOYMENT DATA WITH OTHER SERIES

Statistics on manufactures and business, Bureau of the Census. BLS establishment statistics on employment differ from employment counts derived by the Bureau of Census from its censuses of annu business establishments. The major reasons for some noncomparal lity are different treatment of business units considered parts of establishment, such as central administrative offices and auxilia units, the industrial classification of establishments, and differe reporting patterns by multiunit companies. There are also differenc in the scope of the industries covered, e.g., the Census of Business e cludes professional services, public utilities, and financi establishments, whereas these are included in the BLS statistic

County Business Patterns. Data in County Business Patterns (CBP published by the Bureau of the Census, U.S. Department of Cor merce, differ from BLS establishment statistics in the treatment central administrative offices and auxiliary units. Differences ma also arise because of industrial classification and reporting practice In addition, CBP excludes interstate railroads and government, ar coverage is incomplete for some of the nonprofit activitie

Employment covered by State unemployment insurance program Most nonagricultural wage and salary workers are covered by th unemployment insurance programs. Beginning in January 197 coverage was expanded to include employees of small firms an selected nonprofit activities who had not been covered previously However, certain activities, such as interstate railroads, parochia schools, and churches are not covered by unemployment insuranc whereas these included in the BLS establishment statistics. Begir ning in January 1978, coverage was extended to include domesti workers whose employers paid $1,000 or more in wages in any caler dar quarter, agricultural employees whose employers engaged 10 o more workers in 20 weeks or paid a total of $20,000 or more in wage in any calendar quarter, and almost all State and local governmen employees.

Household Data (A tables)

COLLECTION AND COVERAGE

Statistics on the employment status of the population, the personal, occupational, and other characteristics of the employed, the unemployed, and persons not in the labor force, and related data are compiled for the BLS by the Bureau of the Census in its Current Population Survey (CPS). A detailed description of this survey appears in *Concepts and Methods Used in Labor Force Statistics Derived from the Current Population Survey,* BLS Report 463. This report is available from BLS upon request.

These monthly surveys of the population are conducted with a scientifically selected sample designed to represent the civilian noninstitutional population. Respondents are interviewed to obtain information about the employment status of each member of the household 16 years of age and over. Separate statistics are also collected and published for 14- and 15-year-olds. The inquiry relates to activity or status during the calendar week, Sunday through Saturday, which includes the 12th of the month. This is known as the survey week. Actual field interviewing is conducted in the following week.

Inmates of institutions, members of the Armed Forces, and persons under 14 years of age are not covered in the regular monthly enumerations and are excluded from the population and labor force statistics shown in this report. Data on members of the Armed Forces, who are included as part of the categories "total noninstitutional population" and "total labor force," are, however, obtained from the Department of Defense.

Each month about 60,000 occupied units are eligible for interview. About 2,500 of these households are visited but interviews are not obtained because the occupants are not at home after repeated calls or are unavailable for other reasons. This represents a noninterview rate for the survey of between 4 or 5 percent. In addition to the 60,000 occupied units, there are 11,000 sample units in an average month which are visited but found to be vacant or otherwise not to be enumerated. Part of the sample is changed each month. The rotation plan provides for three-fourths of the sample to be common from 1 month to the next and one-half to be common with the same month a year earlier.

Beginning in September 1975, the sample was enlarged by 9,000 households in order to provide greater reliability for smaller States and thus permit the publication of annual statistics for all 50 States and the District of Columbia. These supplementary households were added to the national 47,000 household sample in January 1978.

Over the period November 1978 to April 1979 the sample was again enlarged by 9,000 households. These supplementary households were added to the 56,000 household sample in January 1980.

Beginning in May 1981, the sample size was cut by about 6,000 occupied housing units. The reduction did not affect the ability to

publish reliable State and local estimates and had practically no effect on the reliability of national estimates.

Beginning in January 1982, the sample was expanded by about 100 households in 15 counties. The expanded sample provides sufficient coverage of counties added to 7 of the 30 largest SMSA's redefined in 1973. The additional sample had practically no effect on the reliability of national or State estimates.

CONCEPTS

Employed persons comprise (a) all those who during the survey week did any work at all as paid employees, in their own business, profession, or farm, or who worked 15 hours or more as unpaid workers in an enterprise operated by a member of the family, and (b) all those who were not working but who had jobs or businesses from which they were temporarily absent because of illness, bad weather, vacation, labor-management dispute, or personal reasons, whether or not they were paid by their employers for the time off, and whether or not they were seeking other jobs.

Each employed person is counted only once. Those who held more than one job are counted in the job at which they worked the greatest number of hours during the survey week.

Included in the total are employed citizens of foreign countries, temporarily in the United States, who are not living on the premises of an embassy.

Excluded are persons whose only activity consisted of work around the house (such as home housework, and painting or repairing own home) or volunteer work for religious, charitable, and similar organizations.

Unemployed persons comprise all persons who did not work during the survey week, who made specific efforts to find a job within the past 4 weeks, and who were available for work during the survey week (except for temporary illness). Also included as unemployed are those who did not work at all, were available for work, and (a) were waiting to be called back to a job from which they had been laid off; or (b) were waiting to report to a new wage or salary job within 30 days.

Duration of unemployment represents the length of time (through the current survey week) during which persons classified as unemployed had been continuously looking for work. For persons on layoff, duration of unemployment represents the number of full weeks since the termination of their most recent employment. A period of 2 weeks or more during which a person was employed or ceased looking for work is considered to break the continuity of the present period of seeking work. Measurements of mean and median duration are computed from a distribution of single weeks of unemployment.

Unemployed persons by reasons for unemployment are divided into four major groups. (1) Job losers are persons whose employment ended involuntarily who immediately began looking for work and persons on layoff. (2) Job leavers are persons who quit or otherwise terminated their employment voluntarily and immediately began looking for work. (3) Reentrants are persons who previously worked at a full-time job lasting 2 weeks or longer but were out of the labor force prior to beginning to look for work. (4) New entrants are persons who never worked at a full-time job lasting 2 weeks or longer.

Jobseekers are all unemployed persons who made specific efforts to find a job, sometime during the 4-week period preceding the survey week. Jobseekers do not include persons unemployed because they (a) were waiting to be called back to a job from which they had been laid off or (b) were waiting to report to a new wage or salary job within 30 days. Jobseekers are grouped by the methods used to seek work, including going to a public or private employment agency or to an employer directly, seeking assistance from friends or relatives, placing or answering ads, or utilizing some "other" method. Examples of the "other" category include being on a union or professional register, obtaining assistance from a community organization, or waiting at a designated pick-up point.

The civilian labor force comprises the total of all civilians classified as employed or unemployed in accordance with the criteria described above. The "total labor force" also includes members of the Armed Forces stationed either in the United States or abroad.

The unemployment rate represents the number unemployed as a percent of the civilian labor force. This measure can also be computed for groups within the labor force classified by sex, age, marital status, race, occupation, industry, etc. The job-loser, job-leaver, reentrant, and new entrant rates are each calculated as a percent of the civilian labor force; the sum of the rates for the four groups thus equals the total unemployment rate.

Participation rates represent the proportion of the noninstitutional population that is in the labor force. Two types of participation rates are published. The total labor force participation rate, which is the ratio of the total labor force and the total noninstitutional population; and the civilian labor force participation rate, which is the ratio of the civilian labor force and the civilian noninstitutional population. Participation rates are usually published for sex-age groups, often cross-classified by other demographic characteristics such as race and educational attainment.

Employment-population ratios represent the proportion of the total noninstitutional population that is employed.

Not in labor force includes all civilians 16 years and over who are not classified as employed or unemployed. These persons are further classified as "engaged in own home housework," "in school," "unable to work" because of long-term physical or mental illness, and "other." The "other" group includes for the most part retired persons, those reported as too old to work, the voluntarily idle, and seasonal workers for whom the survey week fell in an "off" season and who were not reported as unemployed. Persons doing only incidental unpaid family work (less than 15 hours) are also classified as not in the labor force.

For persons not in the labor force, data on previous work experience, intentions to seek work again, desire for a job at the time of interview, and reasons for not looking for work are compiled on a quarterly basis. As of January 1970, the detailed questions for persons not in the labor force are asked only in those households that are in the fourth and eighth months of the sample, i.e., the "outgoing" groups, those which had been in the sample for 3 previous months and would not be in for the subsequent month. Between 1967 and 1969, the detailed not-in-labor force questions were asked of persons in the first and fifth months in the sample, i.e., the "incoming" groups.

Occupation, industry, and class of worker for the employed apply to the job held in the survey week. Persons with two or more jobs are classified in the job at which they worked the greatest number of hours during the survey week. The unemployed are classified according to their last full-time civilian job lasting 2 weeks or more. The occupation and industry groups used in the CPS are defined as in the 1970 Census of Population. Information on the detailed categories included in these groups is available upon request.

The class-of-worker breakdown specifies "wage and salary workers," subdivided into private and government workers, "self-employed workers," and "unpaid family workers." Wage and salary workers receive wages, salary, commission, tips, or pay in kind from a private employer or from a government unit. Self-employed persons are those who work for profit or fees in their own business, profession, or trade, or operate a farm. Unpaid family workers are persons working without pay for 15 hours a week or more on a farm or in a business operated by a member of the household to whom they are related by blood or marriage.

Hours of work statistics relate to the actual number of hours worked during the survey week. For example, a person who normally works 40 hours a week but who was off on the Columbus Day holiday would be reported as working 32 hours even though he/she was paid for the holiday.

For persons working in more than one job, the figures relate to the number of hours worked in all jobs during the week. However, all the hours are credited to the major job.

The distribution of employment by hours worked relates to persons "at work" during the survey week. At-work data differ from data on total employment because the latter include persons in the zero-hours worked category, "with a job but not at work." Included in this latter group are persons who were on vacation, ill, involved in a labor dispute, or otherwise absent from their jobs for voluntary, noneconomic reasons.

Persons who worked 35 hours or more in the survey week are designated as working "full time," correspondingly persons who worked between 1 and 34 hours are designated as working "part time." Part-time workers are classified by their usual status at their present job (either full or part time) and by their reason for working part time during the survey week (economic or other reasons). "Economic reasons" include: Slack work, material shortages, repairs to plant or equipment, start or termination of a job during the week, and inability to find full-time work. "Other reasons" include: Labor dispute, bad weather, own illness, vacation, demands of home, housework, school, no desire for full-time work, and full-time worker only during the peak season. Persons on full-time schedules include, in addition to those working 35 hours or more, those who worked from 1 to 34 hours for noneconomic reasons and usually work full time.

The *full-time labor force* consists of persons working on full-time schedules, persons involuntarily working part-time (part time for economic reasons), and unemployed persons seeking full-time jobs. The *part-time labor force* consists of persons working part time voluntarily and unemployed persons seeking part-time work. Persons with a job but not at work during the survey week are classified according to whether they usually work full or part-time.

Labor force time lost is a measure of aggregate hours lost to the economy through unemployment and involuntary part-time employment and is expressed as a percent of potentially available aggregate hours. It is computed by assuming: (1) That unemployed persons looking for full-time work lost an average of 37.5 hours (2) that those looking for part-time work lost the average number of hours actually worked by voluntary part-time workers during the survey week, and (3) that persons on part time for economic reasons lost the difference between 37.5 hours and the actual number of hours they worked.

White and *black and other* are terms used to describe the race of workers. The "black-and-other category," includes all persons who identified themselves in the enumeration process to be other than white. At the time of the 1980 Census of Population, 83 percent of the black-and-other civilian noninstitutional population 16 years and over were black; the remainder were primarily American Indians, Alaskan Natives, and Asians and Pacific Islanders. The term "black" is used in this volume when the relevant data are provided exclusively for the black population.

Hispanic origin refers to persons who identified themselves in the enumeration process as Mexican, Puerto Rican living on the mainland, Cuban, Central or South American, or of other Hispanic origin or descent.

Major activity: going to school and *major activity: other* are terms used to describe whether the activity of young persons during the reference week is primarily one of going to school or not. Statistics on major activity are published every month in table A-7 for 16- to 21-year-olds by employment status, race, and sex, and, if unemployed, whether seeking full- or part-time work.

Vietnam-era veterans are those who served in the Armed Forces of the United States between August 5, 1964, and May 7, 1975. Tables for veterans in this volume are limited to males in the civilian noninstitutional population, i.e., veterans in institutions and females are excluded.

Nonveterans are males who never served in the Armed Forces.

The *poverty areas* classification consists of all Census geographical divisions in which 20 percent or more of the residents were poor according to the 1970 Decennial Census. Persons were classified as poor or nonpoor by using income thresholds adopted by a Federal interagency committee in 1969. These thresholds vary by family size, composition, and residence (farm-nonfarm). While poverty areas have a substantial concentration of low-income residents, many poor persons live outside these areas and, conversely, the areas include many people who are not poor.

The *metropolitan areas* classification consists of the total of all areas encompassed by Standard Metropolitan Statistical Areas (SMSA's). The metropolitan area total is based on the number of SMSA's as defined in the 1970 Decennial Census and does not include any subsequent additions or changes. Nonmetropolitan areas refer to the total of all areas outside SMSA's. The nonmetropolitan total is disaggregated into farm and nonfarm components.

Usual weekly earnings data are provided from responses to the question "How much does. . .USUALLY earn per week at this job before deductions?" Included are any overtime pay, commissions, or tips usually received. Data refer to the sole or primary job of wage and salary workers. The term "usual" is as perceived by the respondent. If the respondent asks for a definition of "usual," interviewers are instructed to define the term as more than half the weeks worked during the past 4 or 5 months.

A *household* consists of all persons—related family members and all unrelated persons—who occupy a housing unit. A house, an apartment, a group of rooms, or a single room are regarded as a housing unit when occupied or intended for occupancy as separate living quarters.

A *householder* is the person (or one of the persons) in whose name the housing unit is owned or rented. The term is never applied to either husbands or wives in married-couple families but only to persons in families maintained by either men or women without a spouse.

Family refers to a group of two or more persons residing together who are related by blood, marriage, or adoption; all such persons are considered as members of one family even though they may include a "subfamily," that is, a married couple or a parent-child group related by blood or marriage to the householder and sharing the living quarters. The counts of families used in this volume refer to primary families only, that is, all persons in the household who are related to the householder. Families are classified either as married-couple families or as those maintained by women or men without spouses. Data on the earnings of families exclude all those in which there is no wage or salary earner or in which the husband, wife, or other persons maintaining the family is either self-employed or in the Armed Forces.

HISTORIC COMPARABILITY

Raised lower age limit

Beginning with data for 1967, the lower age limit for official statistics on persons in the labor force was raised from 14 to 16 years. A detailed discussion of this and other definitional changes introduced at that time including estimates of their effect on the various series, is contained in "New Definitions for Employment and Unemployment" by Robert L. Stein in the February 1967 issue of *Employment and Earnings and Monthly Report on the Labor Force.*

Noncomparability of labor force levels

Before the changes introduced in 1967, the labor force data were not comparable for three earlier periods: (1) Beginning in 1953, as a result of the introduction of data from the 1950 census into the estimation procedure, population levels were raised by about 600,000; labor force, total employment, and agricultural employment by about 350,000, primarily affecting the figures for totals and males; other categories were relatively unaffected; (2) beginning in 1960, the inclusion of Alaska and Hawaii resulted in an increase of about 500,000 in the population and about 300,000 in the labor force, four-fifths of this in nonagricultural employment; other labor force categories were not appreciably affected; (3) beginning in 1962, the introduction of figures from the 1960 census reduced the population by about 50,000, labor force and employment by about 200,000; unemployment totals were

virtually unchanged. In addition, beginning in 1972, information from the 1970 census was introduced into the estimation procedures, producing an increase in the civilian noninstitutional population of about 800,000; labor force and employment totals were raised by a little more than 300,000, and unemployment levels and rates were essentially unchanged. A subsequent population adjustment based on the 1970 census was introduced in March 1973. This adjustment affected the white and black and other groups but had little effect on totals. The adjustment resulted in the reduction of nearly 300,000 in the white population and an increase of the same magnitude in the black and other population. Civilian labor force and total employment figures were affected to a lesser degree; the white labor force was reduced by 150,000, and the black and other labor force rose by about 210,000. Unemployment levels and rates were not significantly affected.

Beginning in January 1974, the methodology used to prepare independent estimates of the civilian noninstitutional population was modified to an "inflation-deflation" approach. This change in the derivation of the population estimates had its greatest impact on estimates of 20- to 24-year-old males—particularly those of the black-and-other population—but had little effect on 16 and over totals. Additional information on the adjustment procedure appears in "CPS Population Controls Derived from Inflation-Deflation Method of Estimation" in the February 1974 issue of *Employment and Earnings*.

Effective July 1975, as a result of the immigration of Vietnamese refugees into the United States, the total and black-and-other independent population controls for persons 16 years and over were adjusted upward by 76,000—30,000 males and 46,000 females. The addition of the refugees increased the black-and-other population by less than 1 percent in any age-sex group, and all of the changes were in the "other" population.

Beginning in 1978, the introduction of an expansion of the sample and revisions in the estimation procedures resulted in an increase of roughly a quarter of a million in the overall civilian labor force and employment totals; unemployment levels and rates were essentially unchanged. An explanation of the procedural changes and an indication of the differences appear in "Revisions in the Current Population Survey in January 1978" in the February 1978 issue of *Employment and Earnings*.

Beginning in October 1978, the race of the individual was determined by the household respondent for the incoming rotation group households, rather than determined by the interviewer as before. The purpose of this change was to provide more accurate estimates of characteristics by race. Thus, in October 1978, one-eighth of the sample households had race determined by the household respondent and seven-eighths of the sample households had race determined by interviewer observation. It was not until January 1980 that the entire sample had race determined by the household respondent. The new procedure had no significant effect on the estimates.

Beginning in 1979, the first-stage ratio estimation method was changed in the CPS estimation procedure. The new procedure is described in the Estimating Methods section. The reasoning behind the change and an indication of the differences appear in "Change in the Estimation Procedure for the Current Population Survey beginning in January 1979" in the February 1979 issue of *Employment and Earnings*. Differences between the old and new procedures exist only for metropolitan and nonmetropolitan estimates, not for the total U.S.

Beginning in January 1982, the second-stage ratio adjustment methodology was changed in the CPS estimation procedure. The new procedure is described in the *Estimating Methods* section. The purpose of the change and an indication of its effect on national estimates of labor force characteristics appear in "Revisions in the Current Population Survey Beginning in January 1982" in the February 1982 issue of *Employment and Earnings*. In addition, current population estimates used in the second-stage estimation procedure are derived from information obtained from the 1980 census, rather than the 1970 census. This change caused substantial increases in total population estimates of persons in all labor force categories. Rates on labor force characteristics, however, remained virtually unchanged. Some 30,000 labor force series were adjusted back to 1970 to avoid major breaks in series. The adjustment procedure used is also described in the February 1982 article referenced above. The revisions did not, however, smooth out the breaks in series occurring between 1972 and 1979 that are described above, and data users should make allowances for them in making certain data comparisons.

Changes in the occupational classification system

Beginning with 1971, the comparability of occupational employment data was affected as a result of changes in census occupational classifications introduced into the Current Population Survey (CPS). These changes stemmed from an exhaustive review of the classification system to be used for the 1970 Census of Population. This review, the most comprehensive since the 1940 census, was to reduce the size of large groups, to be more specific about general and "not elsewhere classified" groups, and to provide information on emerging significant occupations. Differences in March 1970 employment levels tabulated on both the 1960 and 1970 classification systems ranged from a drop of 650,000 in operatives to an increase of 570,000 in service workers, much of which resulted from a shift between these two groups; the nonfarm laborers group increased by 420,000, and changes in other groups amounted to 220,000 or less.

An additional major group was created by splitting the operatives category into two: Operatives, except transport, and transport equipment operatives. Separate data for these two groups first became available in January 1972. At the same time, several changes in titles, as well as in order of presentation, were introduced; for example, the title of the managers, officials, and proprietors group was changed to "managers and administrators, except farm," since only proprietors performing managerial duties are included in the category.

Apart from the effects of revisions in the occupational classification system beginning in 1971, comparability of occupational employment data was further affected in December 1971, when a question eliciting information on major activities or duties was added to the monthly CPS questionnaire in order to determine more precisely the occupational classification of individuals. This change resulted in several dramatic occupational shifts, particularly from managers and administrators to other groups. Thus, meaningful comparisons of occupational levels cannot always be made for 1972 and subsequent years with earlier periods. However, revisions in the occupational classification system as well as in the CPS questionnaire are believed to have had but a negligible impact on unemployment rates.

Additional information on changes in the occupational classification system of the CPS appears in "Revisions in Occupational Classifications for 1971" and "Revisions in the Current Population Survey" in the February 1971 and February 1972 issues, respectively, of *Employment and Earnings*.

Changes in sample design

Since the inception of the survey, there have been various changes in the design of the CPS sample. Most of these changes were made in order to improve the efficiency of the sample design and/or to increase the reliability of the sample estimates.

One major change made after every decennial census is to change the sample design to make use of the recently collected census materials. Also, occasionally the sample is expanded in terms of number of sample areas and number of sample persons. In 1953, a rotation plan was introduced in which a sample unit would be interviewed for 4 months, leave the sample for 8 months, and then return to the sample for another 4 months. When Alaska and Hawaii achieved statehood, three more sample areas were added to the sample to account for the population in these States. After the 1960 census, selection of a major portion of the sample from census address lists was begun, though a portion of the sample is still collected using area

sampling. Following the 1970 census, the ultimate sampling unit was changed from a noncontiguous cluster of six housing units to a usually contiguous cluster of four housing units. In January 1978, a supplemental sample of 9,000 housing units, selected in 24 States and the District of Columbia and designed to provide more reliable annual average estimates for States, was incorporated with the existing design. A coverage improvement sample, composed of approximately 450 sample household units which represent 237,000 occupied mobile homes and 600,000 new construction housing units, was included in computing the estimates beginning in October 1978 in order to provide coverage of mobile homes and new construction housing units that previously had no chance for selection in the CPS sample. In January 1980 another supplemental sample of 9,000 households selected in 32 States and the District of Columbia was added to the existing sample. A sample reduction of about 6,000 units was implemented in May 1981. In January 1982, about 100 occupied units were added to provide sufficient coverage in counties added to SMSA's which were redefined in 1973.

Table A provides a description of some aspects of the CPS sample design in use during the different data collection periods. For a more detailed account of the history of the CPS sample design, see *The Current Population Survey: Design and Methodology*, Technical Paper No. 40, Bureau of the Census, U.S. Department of Commerce, or *Concepts and Methods used in Labor Force Statistics Derived from the Current Population Survey*, BLS Report 463.

ESTIMATING METHODS

Under the estimating methods used in the CPS, all of the results for a given month become available simultaneously and are based on returns from the entire panel of respondents. The CPS estimation procedure involves weighting the data from each sample person. The basic weight, which is the inverse of the probability of the person being in the sample, is a rough measure of the number of actual persons that the sample person represents. In States supplemented in the 1978 and 1980 expansions, almost all sample persons within the same sample area have the same basic weight, but the weight may differ across sample areas. The basic weight is the same for almost all sample persons in unsupplemented States. The basic weights are then adjusted for noninterview, and the ratio estimation procedure is applied

1. *Noninterview adjustment.* The weights for all interviewed households are adjusted to the extent needed to account for occupied sample households for which no information was obtained because of absence, impassable roads, refusals, or unavailability of the respondent for other reasons. This adjustment is made separately by combinations of sample areas within each State and the District of Columbia, and within these, for six groups—two race categories (white, and black and other) within three residence categories. For sample areas which are Standard Metropolitan Statistical Areas (SMSA's), these residence categories are the central cities, and the urban and the rural balance of the SMSA's. For other sample areas, the residence categories are urban, rural nonfarm, and rural farm. The proportion of sample households not interviewed varies from 4 to 5 percent depending on weather, vacations, etc.

2. *Ratio estimates.* The distribution of the population selected for the sample may differ somewhat, by chance, from that of the population as a whole, in such characteristics as age, race, sex, and residence. Since these characteristics are closely correlated with labor force participation and other principal measurements made from the sample, the survey estimates can be substantially improved when weighted appropriately by the known distribution of these population characteristics. This is accomplished through two stages of ratio estimates as follows:

a. *First-stage ratio estimate.* In the CPS, a portion of the 629 sample areas is chosen to represent other areas not in the sample; the remainder of the sample areas represent only themselves. The first-stage ratio estimation procedure was designed to reduce the portion of the variance resulting from requiring sample areas to represent nonsample areas. Therefore, this procedure is not applied to sample areas which represent only themselves. The procedure is performed at two geographic levels: First, by the four census regions (Northeast, North Central, South, and West), and second, for each of the 46 States which contains nonsample areas. The procedure corrects for the differences that existed at the time of the 1980 census between the distribution by race and residence of the population in the sample areas and the known race-residence distribution in the portions of the census region or State represented by these areas. The regional adjustment is performed by metropolitan-nonmetropolitan residence and race, while the State adjustment is done by urban-rural status and race.

b. *Second-stage ratio estimate.* In this stage, the sample proportions in the categories described below are adjusted to the distribution of independent current estimates of the civilian noninstitutional population in the same categories. The second-stage ratio estimate is performed in order to increase the reliability of the estimates and is carried out in two steps. In the first step, the sample estimates are adjusted within each State and the District of Columbia to an independent control for the population 16 years and over, for the State. The second step of the adjustment is applied to all sample persons and is a weighting to nationwide independent population estimates of the civilian noninstitutional population within 68 age-sex-race groups. The entire second-stage ratio estimation procedure is iterated six times, each time beginning at the weights developed the previous time. This iteration ensures that the sample estimates both of the State population and of the national age-sex-race categories will be virtually equal to the independent population estimates. This second stage adjustment procedure incorporates changes instituted in January 1982. The nature of these changes is discussed in detail in "Revisions in the

Table A. Characteristics of the CPS sample

Time period	Number of sample areas	Households eligible		Households visited not eligible
		Interviewed	Not interviewed	
Aug. 1947 to Jan. 1954	68	21,000	500-1,000	3,000-3,500
Feb. 1954 to Apr. 1956	230	21,000	500-1,000	3,000-3,500
May 1956 to Dec. 1959	330	33,500	1,500	6,000
Jan. 1960 to Feb. 1963	333	33,500	1,500	6,000
Mar. 1963 to Dec. 1966	357	33,500	1,500	6,000
Jan. 1967 to July 1971	449	48,000	2,000	8,500
Aug. 1971 to July 1972	449	45,000	2,000	8,000
Aug. 1972 to Dec. 1977	461	45,000	2,000	8,000
Jan. 1978 to Dec. 1979	614	53,500	2,500	10,000
Jan. 1980 to Apr. 1981	629	62,200	2,800	12,000
May 1981 to present	629	57,800	2,500	11,000

[1] Beginning in May 1956 these areas were chosen to provide coverage in each State and the District of Columbia.

[2] Three sample areas were added in 1960 to represent Alaska and Hawaii after statehood.

Current Population Survey Beginning in January 1982" in the February 1982 issue of *Employment and Earnings*.

The controls by State for the civilian noninstitutional population 16 years and over are an arithmetic extrapolation of the trend in the growth of this segment of the population from the April 1, 1980 census through the lastest available July 1 estimate, adjusted as a last step to a current estimate of the U.S. population of this group. State estimates by age for July 1 are published annually in *Current Population Reports*, Series P-25. For a description of the methodology used in developing the State total, use Report 640 of that series. Descriptions of the age estimates methodology are available on request from the Chief of the Population Division, U.S. Bureau of the Census; Washington, D.C. 20233.

Beginning with the January 1982 estimates, the independent national controls used for the age-sex-race groups in the final step of the second-stage ratio adjustment are prepared by carrying forward the April 1, 1980, total population by age, race, and sex, taking account of the subsequent aging of the population, fertility, mortality, and net immigration, and then subtracting the estimate for the institutional population and Armed Forces. The April 1, 1980, total population was computed by adding together the resident population, consistent with that published for the 1980 census in *Advance Reports*, Series PHC80-V, and the Armed Forces overseas, as compiled from Department of Defense reports.

Data on births and deaths between April 1, 1980, and the estimate date are based on tabulation of vital statistics for the resident population made by the National Center for Health Statistics and data on deaths of military personnel overseas from the Department of Defense. Estimates of net civilian immigration are based on data provided by the Immigration and Naturalization Service, the Department of Defense, the Office of Personnel Management, and the Puerto Rico Planning Board. The civilian noninstitutional population for the estimate date is derived by subtracting the Armed Forces and the institutional population from the total population including Armed Forces overseas. The institutional population is computed by applying institutional proportions derived from the 1980 census to the total population, including Armed Forces overseas for the estimate date. All computations described above are performed in cells defined by single year of age, race, and sex. The independent national controls totals are then obtained by collapsing these cells into broader age groups for the population 16 years and older.

3. *Composite estimate procedure.* In deriving statistics for a given month, a composite estimating procedure is used which takes account of net changes from the previous month for continuing parts of the sample (75 percent) as well as the sample results for the current month. Almost all estimates of month-to-month change are improved by this procedure, and most estimates of levels are also improved, but to a lesser extent.

Rounding of estimates

The sums of individual items may not always equal the totals shown in the same tables because of independent rounding of totals and components to the nearest thousand. Differences, however, are insignificant.

Reliability of the estimates

There are two types of errors possible in an estimate based on a sample survey—sampling and nonsampling. The standard errors provided primarily indicate the magnitude of the sampling error. They also partially measure the effect of some nonsampling errors in response and enumeration but do not measure any systematic biases in the data.

Nonsampling errors. The full extent of nonsampling error is unknown, but special studies have been conducted to quantify some sources of nonsampling error in the CPS as discussed below. The effect of nonsampling error should be small on estimates of relative change, such as month-to-month change. Estimates of monthly levels would be more severely affected by the nonsampling error.

Nonsampling errors in surveys can be attributed to many sources, e.g., inability to obtain information about all cases in the sample, definitional difficulties, differences in the interpretation of questions, inability or unwillingness of respondents to provide correct information, inability to recall information, errors made in collection such as in recording or coding the data, errors made in processing the data, errors made in estimating values for missing data, and failure to represent all sample households and all persons within sample households (undercoverage).

Nonsampling errors occurring in the interview phase of the survey have been studied by means of a reinterview program. This program is used to estimate various sources of error as well as to evaluate and control the work of the interviewers. A random sample of each interviewer's work is inspected through reinterview at regular intervals. The results indicate, among other things, that the data published from the CPS are subject to moderate systematic biases. A description of the CPS reinterview program and some of the other results may be found in the *Current Population Survey Reinterview Program, January 1961 through December 1966*, Technical Paper No. 19, Bureau of the Census. U.S. Department of Commerce.

The effects of some components of nonsampling error in the CPS data can be examined as a result of the rotation plan used for the sample, since the level of the estimates varies by rotation group. A description of these effects appears in the article "The Effects of Rotation Group Bias on Estimates from Panel Sureys," by Barbara A. Bailar, *Journal of the American Statistical Association*, Volume 70, No. 349, March 1975.

Undercoverage in the CPS results from missed housing units and missed persons within sample households. Overall undercoverage as compared to the level of the decennial census, is about 5 percent. It is known that the CPS undercoverage varies with age, sex, and race. Generally, undercoverage is larger for males than for females, and larger for black and other races combined than for whites. Ratio estimation to independent age-sex-race population controls, as described previously, partially corrects for the biases due to survey undercoverage. However, biases exist in the estimates to the extent that missed persons in missed households or missed persons in interviewed households have different characteristics than interviewed persons in the same age-sex-race group. Further, the independent population controls used have not been adjusted for undercoverage in the 1980 census.

Additional information on nonsampling error in the CPS appears in the paper, "An Error Profile: Employment as Measured by the Current Population Survey," by Camilla Brooks and Barbara Bailar, Statistical Policy Working Paper 3, U.S. Department of Commerce, Office of Federal Statistical Policy and Standards; in the paper "The Current Population Survey: An Overview," by Marvin Thompson and Gary Shapiro, *Annals of Economic and Social Measurement*, Vol. 2, April 1973; and in *The Current Population Survey, Design and Methodology*, Technical Paper No. 40, Bureau of the Census, U.S. Department of Commerce. This last document includes a comprehensive and up-to-date discussion of various sources of error, and describes attempts to measure them in the CPS.

Sampling error. The standard error is primarily a measure of sampling variability, that is, of the variation that occurs by chance because a sample rather than the entire population is surveyed. The sample estimate and its estimated standard error enable one to construct confidence intervals, ranges that would include the average of all possible samples with a known probability. For example, if all possible samples were selected, each of these surveyed under essentially the

same general conditions and using the same sample design, and an estimate and its estimated error were calculated from each sample, then:

1. Approximately 68 percent of the intervals from one standard error below the estimate to one standard error above the estimate would include the average result of all possible samples.

2. Approximately 90 percent of the intervals from 1.6 standard errors below the estmate to 1.6 standard errors above the estimate would include the average of all possible samples.

3. Approximately 95 percent of the intervals from 2 standard errors below the estimate to 2 standard errors above the estimate would include the average result of all possible samples.

In order to derive standard errors that would be applicable to a large number of estimates and could be prepared at a moderate cost, a number of approximations were required. First, the standard errors in this volume reflect the sample design and estimation procedures in effect prior to the expansions for State estimates. Thus, these standard errors may slightly overstate the standard errors applicable to the present design. Second, instead of computing an individual standard error for each estimate, generalized sets of standard errors were computed for various types of characteristics. This generalization yields more stable estimates of the standard errors. Consequently, the sets of standard errors provided give an indication of the order of magnitude of the standard error of an estimate rather than the precise standard error.

Tables B and C show approximate standard errors for major employment status characteristics for monthly estimates and for changes for consecutive months. These standard errors are applicable to the level of the estimates in recent months.

Tables D through H provide generalized standard errors for monthly level and month-to-month change for estimated totals, unemployment rates, and percentages. Table I contains factors for use with table H for computing standard errors, as described below, for monthly level and month-to-month change for percentages. Standard errors for intermediate values not shown in the tables may be approximated by linear interpolation. The standard error for estimated changes from one month to the next is more closely related to the monthly level for the characteristic than to the size of the specific month-to-month change itself. Thus, in order to use the generalized standard errors for month-to-month change as given in the tables of standard errors, it is necessary to obtain the monthly estimate for the characteristic. It should be noted that the tables of standard errors for month-to-month change apply only to estimates of change between two consecutive months. Estimates of change for nonconsecutive months are subject to higher standard errors. Table J contains factors for use with tables D,F,H,and I to compute approximate standard errors, as described below, for levels, labor force participation rates, and percentages as pertaining to year-to-year change of monthly estimates, quarterly averages, changes in quarterly averages, yearly averages and changes in yearly averages. Note that standard errors for changes in quarterly and yearly estimates apply only to consecutive quarters and years. For years prior to 1967, the standard errors must be adjusted due to the differences in the sample size. For years prior to 1956, the standard errors should be multiplied by 1.50 and for the 1956-66 period they should by multiplied by 1.22. Table K provides generalized standard errors for quarterly estimates of persons and families for use with the CPS earnings data.

Standard errors for estimated totals. Tables D and E provide generalized standard errors for monthly totals and for month-to-month change. The figures given in these tables are to used for the characteristics as indicated.

Illustration. Assume that in a given month the number of persons working a specific number of hours was 12,000,000, an increase of 400,000 over the previous month. Linear interpolation in the second column of table D shows that the standard error on an estimate of 12,000,000 is about 150,000. The 68 percent confidence interval as shown by these data is from 11,850,000 to 12,150,000. Therefore, a conclusion that the average estimate derived from all possible samples lies within a range computed in this way would be correct for roughly 68 percent of all possible samples. Recall that the standard error of a month-to-month change is primarily dependent on the size of the monthly estimate. Thus, using linear interpolation in the first column of table E the standard error on a month-to-month change of 400,000 when the monthly level is approximately 12,000,000 is about 111,000.

Standard errors for rates and percentages. The reliability of an estimated unemployment rate or an estimated percentage, computed using sample data for both numerator and denominator, depends on both the size of the rate or percentage and the total upon which the rate or percentage is based. Estimated rates and percentages are relatively more reliable than the corresponding estimates of the numerator of the rates or percentages; this is particularly true for percentages of 50 percent or more. As a general rule, percentages are not published when the monthly base is less than 75,000, the quarterly average base is less than 60,000, or the annual average base is less than 35,000.

Tables F and G show generalized standard errors for monthly level and month-to-month change for unemployment rates.

Generalized standard errors for estimated monthly percentages and estimated month-to-month change in percentages can be obtained through the use of the standard errors in table H and the factors in table I. First obtain the standard error from table H for the specific percentage and base. The generalized standard error is then calculated

Table B. Standard errors for major employment status categories

(In thousands)

Employment status, sex, age, and race	Standard error of-	
	Monthly level	Month-to-month change (consecutive months only)
Total, 16 years and over:		
Civilian labor force	208	161
Employed	229	175
Unemployed	122	123
Males, 20 years and over:		
Civilian labor force	113	95
Employed	131	114
Unemployed	84	85
Females, 20 years and over:		
Civilian labor force	167	124
Employed	168	128
Unemployed	71	74
Both sexes, 16-19 years:		
Civilian labor force	80	85
Employed	85	94
Unemployed	58	72
Black and other, 16 years and over:		
Civilian labor force	73	56
Employed	84	63
Unemployed	59	62
Males, 20 years and over:		
Civilian labor force	40	34
Employed	49	43
Unemployed	40	42
Females, 20 years and over:		
Civilian labor force	62	46
Employed	62	48
Unemployed	36	40
Both sexes, 16-19 years:		
Civilian labor force	33	37
Employed	31	36
Unemployed	28	30

by multiplying the standard error from table H by the appropriate factor from table I. When the numerator and denominator of the percentage are in different categories, use the factor indicated by the numerator of the percentage.

Illustration. For example, assume that in a given month 3.6 percent of a total of 90,771,000 employed persons are employed in agriculture. First the standard error on an estimate of 3.6 percent with a base of 90,771,000 is obtained from table H (0.09 percentage point). The appropriate factor from table I for the numerator of the percentage, agricultural employment, is 1.26. The generalized standard error on the estimated 3.6 percent is then approximately 0.09 x 1.26 = 0.1 percentage point.

Standard errors for year-to-year change of monthly estimates, quarterly averages, changes in quarterly averages, yearly averages and changes in yearly averages. The approximate standard errors of levels, rates and percentages involving year-to-year change of monthly estimates, quarterly averages, changes in quarterly averages, yearly averages and changes in yearly averages may be obtained by using table J in conjunction with the other tables. Standard errors for estimates of change are more closely related to the level of the estimate than to the size of the specific change. Thus, to obtain the standard error of an estimate of an average level, rate, or percentage, or an estimate of a change in level, rate, or percentage, it is first necessary to find the appropriate estimate of level. For an estimate of an average level, rate or percentage, find the standard error of this estimate. For an estimate of change in level, rate or percentage, find the standard error of the average of the two estimates affecting the change. Then, after computing the standard error by treating these estimates as monthly estimates and using the procedures above, multiply this result by a suitable factor from table J to obtain the approximate standard error for the average or change.

Illustration. For example, suppose that one is interested in the year-to-year change of a monthly unemployment rate. Let us assume that for a certain month the unemployment rate is 6.9 percent based on a total of 95,676,000 in the civilian labor force, and that a year prior to this the unemployment rate was 6.1 percent based on a total of 94,254,000 in the civilian labor force for the month. First, the standard error on the average of the two estimates, 6.5 percent with a base of 94,965,000, is obtained from table F (0.11 percentage point). The appropriate factor then from table J is 1.40. The approximate standard error on the change of 0.8 percent is then given by 0.11x1.40 = 0.15 percentage point.

The approximate standard error of levels involving year-to-year change of quarterly estimates pertaining to CPS earnings data for persons and families may be obtained by using table K in conjunction with the following formula:

$$\text{Standard error of year-to-year change} = \sqrt{\left(\text{Standard error}_X\right)^2 + \left(\text{Standard error}_Y\right)^2 - 2(P)\left(\text{Standard error}_X\right)\left(\text{Standard error}_Y\right)},$$

where X is the estimate for one quarter and Y is the estimate for another quarter. The coefficient, P, is a measure of the correlation between the estimates X and Y resulting from the presence of some of the same respondents in the sample for each estimate. For consecutive year-to-year changes of quarterly estimates, the values of P are .30 for persons (total, white, and black) and .35 for families (total, white, and black). The respective values for estimates of Hispanics are .45 and .55.

Illustration:

Assume that in a given quarter the number of women employed as full-time wage and salary workers was 27,000,000 and in the same quarter a year later their number had increased to 29,000,000. Using linear interpolation in the eighth column of table K, the standard error of an estimate of 27,000,000 is 216,000; for 29,000,000 it is 221,000. Using the above formula, the standard error of the 2,000,000, year-to-year change is:

$$\sqrt{(216{,}000)^2 + (221{,}000)^2 - 2\,(.30)\,(216{,}000)\,(221{,}000)},$$

or about 259,000.

Table C. Standard errors for unemployment rates by major characteristics

Selected categories	Standard error of-	
	Monthly level	Consecutive month change
Total (all civilian workers)	0.12	0.12
Males, 20 years and over	.15	.15
Females, 20 years and over	.17	.18
Both sexes, 16-19 years	.57	.67
White workers	.12	.12
Black (and other) workers	.46	.49
Married men, spouse present	.15	.16
Married women, spouse present	.21	.23
Full-time workers	.12	.13
Part-time workers	.32	.40
Unemployed 15 weeks and over	.06	.07
OCCUPATION		
White-collar workers	.12	.13
Professional and technical	.18	.20
Managers and administrators, except farm	.20	.23
Sales workers	.36	.41
Clerical workers	.23	.25
Blue-collar workers	.24	.26
Craft and kindred workers	.33	.37
Blue-collar workers—Continued		
Operatives, except transport	0.44	0.50
Transport equipment operatives	.70	.77
Nonfarm laborers	.71	.81
Service workers	.32	.36
Farm workers	.54	.62
INDUSTRY		
Nonagricultural private wage and salary workers	.13	.13
Construction	.59	.70
Manufacturing	.27	.30
Durable goods	.37	.41
Nondurable goods	.39	.45
Transportation and public utilities	.38	.42
Wholesale and retail trade	.26	.29
Finance and service industries	.17	.19
Government workers	.20	.23
Agricultural wage and salary workers	1.07	1.26

Table D. Standard errors for estimates of monthly level

(In thousands)

Estimated monthly level	Characteristic[1]								
	Agricultural employment	Labor force data other than unemployment and agricultural employment data						Unemployment	
		Total or white	Black and other	Total or white, 16-19 years	Black and other, 16-19 years	Total or white males only, or females only	Black and other males only, or females only	Total or white	Black and other
50	13	10	10	10	10	9	9	10	11
100	18	14	14	14	14	13	13	14	15
500	41	32	32	32	28	30	29	31	33
1,000	57	45	44	44	33	42	40	44	46
2,000	81	64	60	60	13	59	52	62	63
4,000	113	90	79	77	–	82	60	87	83
6,000	137	109	88	84	–	99	53	106	93
8,000	–	125	90	84	–	113	16	122	–
10,000	–	139	87	76	–	124	–	135	–
15,000	–	166	36	–	–	146	–	163	–
20,000	–	188	–	–	–	161	–	182	–
30,000	–	219	–	–	–	177	–	–	–
40,000	–	249	–	–	–	178	–	–	–
50,000	–	253	–	–	–	164	–	–	–
60,000	–	260	–	–	–	131	–	–	–
70,000	–	260	–	–	–	49	–	–	–
80,000	–	254	–	–	–	–	–	–	–
100,000	–	221	–	–	–	–	–	–	–
120,000	–	143	–	–	–	–	–	–	–

[1] When determining the standard error of an estimate for a group which is a subset of the age, sex, or race groups listed, use the standard error for the next larger group, e.g., when determining the standard error on the estimated number of employed persons age 20 to 54 years, use the column for total employed.

Table E. Standard errors for estimates of month-to-month change

(In thousands)

Estimated monthly level	Characteristic[1]							
	Labor force data other than unemployment and agricultural employment data				Unemployment			
	Total or white	Black and other	Total or white, 16-19 years	Black and other, 16-19 years	Total or white	Both sexes 16-19 years, or part-time labor force[2]	Black and other	Black and other, 16-19 years
50	8	8	12	12	11	12	12	12
100	11	11	17	17	16	17	16	17
500	24	23	37	33	35	39	36	34
1,000	34	33	52	37	48	55	49	39
2,000	47	45	70	–	68	77	65	–
4,000	66	58	89	–	93	107	80	–
6,000	81	65	96	–	110	129	–	–
8,000	93	68	93	–	123	147	–	–
10,000	103	65	78	–	132	162	–	–
15,000	123	33	–	–	145	191	–	–
20,000	130	–	–	–	146	211	–	–
30,000	163	–	–	–	–	–	–	–
40,000	179	–	–	–	–	–	–	–
50,000	189	–	–	–	–	–	–	–
60,000	194	–	–	–	–	–	–	–
70,000	195	–	–	–	–	–	–	–
80,000	191	–	–	–	–	–	–	–
100,000	179	–	–	–	–	–	–	–
120,000	119	–	–	–	–	–	–	–

[1] See footnote 1, table D.

[2] Part-time labor force for unemployment also includes persons reentering the labor force, persons who left their last job, and persons by duration of unemployment.

Table F. Standard errors for unemployment rates

Monthly base of unemployment rate (in thousands)	Monthly unemployment rate (percent)									
	1	2	5	10	15	20	25	30	35	50
50	2.05	2.88	4.49	6.18	7.36	8.25	8.93	9.46	9.85	10.36
100	1.45	2.04	3.18	4.37	5.20	5.83	6.32	6.69	6.97	7.33
500	.65	.91	1.42	1.96	2.33	2.61	2.82	2.99	3.12	3.28
1,000	.46	.65	1.01	1.38	1.65	1.84	2.00	2.12	2.21	2.32
2,000	.32	.46	.71	.98	1.17	1.31	1.42	1.50	1.56	1.64
4,000	.23	.32	.50	.69	.83	.92	1.00	1.06	1.10	1.16
6,000	.19	.26	.41	.57	.67	.75	.82	.86	.90	.94
10,000	.15	.21	.32	.44	.52	.59	.63	.67	.70	.73
20,000	.11	.15	.23	.31	.37	.41	.45	.47	.49	.51
60,000	.06	.08	.12	.17	.20	.23	.25	.26	.27	.28
100,000	.04	.06	.10	.13	.16	.18	.19	.20	.21	.22

Table G. Standard errors for month-to-month change in unemployment rates

Monthly base of unemployment rate (in thousands)	Monthly unemployment rate (percent)									
	1	2	5	10	15	20	25	30	35	50
50	2.32	3.28	5.12	7.10	8.52	9.64	10.05	11.39	11.97	12.55
100	1.64	2.32	3.62	5.02	6.02	6.81	7.11	8.05	8.39	8.87
500	.74	1.04	1.62	2.25	2.69	3.04	3.17	3.58	3.73	3.93
1,000	.52	.73	1.15	1.59	1.90	2.15	2.24	2.52	2.62	2.74
2,000	.37	.52	.81	1.12	1.34	1.51	1.57	1.76	1.83	1.89
4,000	.26	.37	.57	.79	.94	1.06	1.10	1.22	1.26	1.26
6,000	.21	.30	.47	.64	.76	.86	.89	.97	1.00	-
10,000	.16	.13	.36	.49	.59	.65	.67	.72	-	-
20,000	.11	.15	.24	.33	.39	.44	.48	.51	-	-
60,000	.06	.09	.13	.18	.21	.22	.23	-	-	-
100,000	.05	.07	.10	.13	.14	.14	-	-	-	-

Table H. Standard errors for estimated percentages and month-to-month change in percentages for labor force data

Monthly base of percentages (in thousands)	Percentage of monthly level									
	1 or 99	2 or 98	5 or 95	10 or 90	15 or 85	20 or 80	25 or 75	30 or 70	35 or 65	50
50	2.03	2.85	4.44	6.12	7.28	8.15	8.83	9.34	9.72	10.19
100	1.43	2.02	3.14	4.32	5.15	5.77	6.24	6.61	6.88	7.21
500	.64	.90	1.41	1.93	2.30	2.58	2.79	2.95	3.07	3.22
1,000	.45	.64	.99	1.37	1.63	1.82	1.97	2.09	2.17	2.28
2,000	.32	.45	.70	.97	1.15	1.29	1.40	1.48	1.54	1.61
4,000	.23	.32	.50	.68	.81	.91	.99	1.04	1.09	1.14
6,000	.19	.26	.41	.56	.66	.74	.81	.85	.89	.93
10,000	.14	.20	.31	.43	.51	.58	.62	.66	.69	.73
20,000	.10	.14	.22	.31	.36	.41	.44	.47	.49	.51
40,000	.07	.10	.16	.22	.26	.29	.31	.33	.34	.36
60,000	.06	.08	.13	.18	.21	.24	.25	.27	.28	.29
80,000	.05	.07	.11	.15	.18	.20	.22	.23	.24	.25
100,000	.05	.06	.10	.14	.16	.18	.20	.21	.22	.23
160,000	.04	.05	.08	.11	.13	.14	.16	.17	.17	.18

NOTE: The standard errors in this table must be multiplied by the factors in table I to obtain the approximate standard error for a specific characteristic.

Table I. Factors to be used with Table H to compute approximate standard errors for percentages and month-to-month change in percentages

Characteristic	Factor		Characteristic	Factor	
	Monthly level	Month-to-month change		Monthly level	Month-to-month change
Agricultural employment:			Unemployment:		
Total or full-time labor force	1.26	1.05	Part-time labor force; duration of unemployment, left last job, reentering labor force	1.01	1.21
Part-time labor force	1.26	1.50			
Labor force data other than agricultural employment data and unemployment data:			All other unemployment characteristics:		
Total	1.00	.74	Total or white:		
Males only	.93	.84	Total	.97	1.08
Females only	.86	.75	Both sexes, 16-19 years	.97	1.21
Both sexes, 16-19 years	1.00	1.18	Black and other:		
Part-time labor force	1.00	1.18	Total	1.04	1.13
			Both sexes, 16-19 years	1.04	1.24

Table J. Factors to be used with Tables, D, F, H, and I to compute the approximate standard errors for levels, rates, and percentages for year-to-year change of monthly estimates, quarterly averages, change in quarterly averages, yearly averages, and change in yearly averages

Characteristic	Factors				
	Year-to-year change of monthly estimate	Quarterly averages	Change in quarterly averages	Yearly averages	Change in yearly averages
Agricultural employment:					
Total or males	1.30	0.89	0.80	0.72	0.70
Females or teenagers (16-19 years)	1.30	83	80	58	70
Part time	1.40	74	80	46	70
Labor force data other than agricultural employment data and unemployment data:					
Total or white	1.30	88	88	67	70
Black and other or teenagers (16-19 years)	1.30	82	88	57	70
Part time	1.40	74	88	46	60
Unemployment:					
Total	1.40	76	88	50	65
Part time	1.40	69	88	39	54

Table K. Standard errors for estimates of quarterly level

(In thousands)

Estimated quarterly level	Characteristic								
	Total			Males				Females	
	Part-time workers	Total or full-time workers		Part-time workers	Total or full-time workers			Total, full-time, or part-time workers	
		Total or white	Black		Total	White	Black	Total or white	Black
10	5	5	5	5	5	5	5	5	5
50	11	12	12	11	12	12	12	11	11
75	13	15	15	13	15	15	15	13	13
100	15	17	17	15	17	17	17	15	15
150	19	21	21	19	21	21	21	19	19
200	22	24	24	22	24	24	24	22	21
250	24	27	27	24	27	27	27	24	24
300	26	30	30	26	30	30	29	26	26
500	34	38	38	34	38	38	37	34	33
750	42	47	46	42	47	47	45	42	41
1,000	48	54	53	48	54	54	50	48	46
1,500	59	66	63	59	66	66	59	59	56
2,000	68	76	72	68	76	76	65	68	63
2,500	76	85	79	75	84	84	69	75	69
3,000	83	93	85	82	92	92	71	82	74
5,000	107	119	100	105	117	116	64	105	85
7,500	130	145	107	127	140	138	-	127	-
10,000	149	165	102	144	157	155	-	145	-
15,000	180	198	-	187	183	179	-	173	-
20,000	205	224	-	192	199	193	-	195	-
25,000	226	244	-	207	209	199	-	211	-
30,000	224	261	-	219	212	198	-	224	-
40,000	273	286	-	236	201	174	-	242	-
50,000	296	301	-	-	-	-	-	-	-
75,000	331	304	-	-	-	-	-	-	-
100,000	343	255	-	-	-	-	-	-	-

Establishment Data (B, C, and D tables)

COLLECTION

Payroll reports provide current information on wage and salary employment, hours, earnings, and labor turnover in nonagricultural establishments, by industry and geographic location.

Federal-State cooperation

Under cooperative arrangements, responding establishments report employment, hours, and earnings data and/or labor turnover data to State agencies. State agencies mail the forms to the establishments and examine the returns for consistency, accuracy, and completeness. The States use the reported data to prepare State and area series and also send the reported data to the BLS (Washington Office) for use in preparing the national series. This avoids a duplicate reporting burden on establishments, and together with the use of similar estimating techniques at the national and State levels, promotes increased comparability between estimates.

Shuttle schedules

Two types of data collection schedules are used: Form BLS 790—Report on Employment, Payroll, and Hours; and Form DL 1219—Monthly Report on Labor Turnover. The collection agency returns the schedule to the respondent each month so that the next month's data can be entered on the space allotted for that month. This "shuttle" procedure assures maximum comparability and accuracy of reporting, since the respondent can see the figures that have been reported for previous months.

Form BLS 790 provides for entry of data on the total number of full- and part-time workers on the payrolls of nonagricultural establishments and, for most industries, employment, payroll, and hours of production and related workers or nonsupervisory workers for the pay period which includes the 12th of the month. Form DL 1219 provides for the collection of information on the total number of accessions and separations, by type, during the calendar month, and total employment during the pay period which includes the 12th of the month.

CONCEPTS

Industrial classification

Establishments reporting on Form BLS 790 and Form DL 1219 are classified into industries on the basis of their principal product or activity determined from information on annual sales volume. Since January 1980, this information is collected on a supplement to the quarterly unemployment insurance tax reports filed by employers. For an establishment making more than one product or engaging in more than one activity, the entire employment of the establishment is included under the industry indicated by the principal product or activity.

All data on employment, hours, earnings, and labor turnover for the Nation and for most States and areas are classified in accordance with the 1972 *Standard Industrial Classification Manual* (SICM), Office of Management and Budget. The BLS tabulates and estimates statistics which distinguish between private and public establishments, thus maintaining continuity with previously published statistics for the private and government sectors.

Industry employment

Employment data, except those for the Federal Government, refer to persons on establishment payrolls who received pay for any part of the pay period which includes the 12th of the month. For Federal Government establishments, employment figures represent the number of persons who occupied positions on the last day of the calendar month. Intermittent workers are counted if they performed any service during the month.

The data exclude proprietors, the self-employed, unpaid volunteer or family workers, farm workers, and domestic workers in households. Salaried officers of corporations are included. Government employment covers only civilian employees; military personnel are excluded. Employees of the Central Intelligence and National Security Agencies are also excluded.

Persons on establishment payrolls who are on paid sick leave (when pay is received directly from the firm), on paid holiday or paid vacation, or who work during a part of the pay period even though they are unemployed or on strike during the rest of the period are counted as employed. Not counted as employed are persons who are on layoff, on leave without pay, or on strike for the entire period or who were hired but have not yet reported during the period.

Industry hours and earnings

Average hours and earnings data are derived from reports of payrolls and hours for production and related workers in manufacturing and mining, construction workers in construction, and nonsupervisory employees in private service-producing industries.

Production and related workers include working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (e.g., power plant), and recordkeeping and other services closely associated with the above production operations.

Construction workers include the following employees in the construction division: Working supervisors, qualified craft workers, mechanics, apprentices, laborers, etc., whether working at the site of construction or in shops or yards, at jobs (such as precutting and preassembling) ordinarily performed by members of the construction trades.

Nonsupervisory employees include employees (not above the working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, physicians, lawyers, accountants, nurses, social workers, research aides, teachers, drafters, photographers, beauticians, musicians, restaurant workers, custodial workers, attendants, line installers and repairers, laborers, janitors, guards, and other employees at similar occupational levels whose services are closely associated with those of the employees listed.

Payroll covers the payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of the pay period which includes the 12th of the month. The payroll is reported before deductions of any kind, e.g., for old-age and unemployment insurance, group insurance, withholding tax, bonds, or union dues; also included is pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), other pay not earned in the pay period reported (e.g., retroactive pay), tips, and the value of free rent, fuel, meals, or other payment in kind are excluded. "Fringe benefits" (such as health and other types of insurance, contributions to retirement, etc., paid by the employer) are also excluded.

Hours cover the hours paid for, during the pay period which includes the 12th of the month, for production, construction, or nonsupervisory workers. Included are hours paid for holidays and vacations, and for sick leave when pay is received directly from the firm.

Overtime hours covers hours worked by production or related workers for which overtime premiums were paid because the hours were in excess of the number of hours of either the straight-time workday or the workweek during the pay period which includes the 12th of

the month. Weekend and holiday hours are included only if overtime premiums were paid. Hours for which only shift differential, hazard, incentive, or other similar types of premiums were paid are excluded.

Gross average hourly and weekly earnings. Average hourly earnings are on a "gross" basis. They reflect not only changes in basic hourly and incentive wage rates but also such variable factors as premium pay for overtime and late-shift work and changes in output of workers paid on an incentive plan. They also reflect shifts in the number of employees between relatively high-paid and low-paid work and changes in workers' earnings in individual establishments. Averages for groups and divisions further reflect changes in average hourly earnings for individual industries.

Averages of hourly earnings differ from wage rates. Earnings are the actual return to the worker for a stated period of time; rates are the amount stipulated for a given unit of work or time. The earnings series do not measure the level of total labor costs on the part of the employer since the following are excluded: Irregular bonuses, retroactive items, payments of various welfare benefits, payroll taxes paid by employers, and earnings for those employees not covered under the production worker, construction worker, or nonsupervisory employee definitions.

Gross average weekly earnings estimates are derived by multiplying average weekly hours estimates by average hourly earnings estimates. Therefore, weekly earnings are affected not only by changes in gross average hourly earnings but also by changes in the length of the workweek. Monthly variations in such factors as proportion of part-time workers, stoppages for varying reasons, labor turnover during the survey period, and absenteeism for which employees are not paid may cause the average workweek to fluctuate.

Long-term trends of gross average weekly earnings can be affected by structual changes in the makeup of the work force. For example, persistent long-term increases in the proportion of part-time workers in retail trade and many of the services industries have reduced average workweeks in these industries and have affected the average weekly earnings series.

Average weekly hours. The workweek information relates to the average hours for which pay was received and is different from standard or scheduled hours. Such factors as unpaid absenteeism, labor turnover, part-time work, and stoppages cause average weekly hours to be lower than scheduled hours of work fo. an establishment. Group averages further reflect changes in the workweek of component industries.

Average overtime hours. The overtime hours represent that portion of the gross average weekly hours which exceeded regular hours and for which overtime premiums were paid. If an employee were to work on a paid holiday at regular rates, receiving as total compensation his or her holiday pay plus straight-time pay for hours worked that day, no overtime hours would be reported.

Since overtime hours are premium hours by definition, gross weekly hours and overtime hours do not necessarily move in the same direction from month to month; for example, overtime premiums may be paid for hours in excess of the straight-time workday although less than a full week is worked. Diverse trends at the industry-group level also may be caused by a marked change in hours for a component industry where little or no overtime was worked in both the previous and current months. In addition, such factors as stoppages, absenteeism, and labor turnover may not have the same influence on overtime hours as on gross hours.

Railroads hours and earnings. The figures for Class I railroads (excluding switching and terminal companies) are based on monthly data summarized in the M-300 report of the Interstate Commerce Commission and relate to all employees except executives, officials, and staff assistants (ICC group I) who received pay during the month. Gross average hourly earnings are computed by dividing total compensation by total hours paid for. Average weekly hours are obtained by dividing the total number of hours paid for, reduced to a weekly basis, by the number of employees, as defined above. Gross average weekly earnings are derived by multiplying average weekly hours by average hourly earnings.

Spendable average weekly earnings. Spendable average weekly earnings in current dollars are obtained by deducting estimated Federal social security and income taxes from average weekly earnings. The amount of income tax liability depends on the number of dependents supported by the worker, the worker's marital status and level of gross income. To reflect these variables, the Bureau calculates two sets of spendable earnings series based on the assumptions that the worker earned the gross average weekly earnings and was taxed at the rates applicable to either (1) a single worker with no dependents, or (2) a married worker with three dependents who files a joint return. The computations are based on gross average weekly earnings for all production or nonsupervisory workers in the industry division excluding other income and income earned by other family members.

The series reflect the spendable earnings of only those workers, with no dependents or three dependents, whose gross weekly pay approximates the average earnings indicated for all production and nonsupervisory workers. It does not reflect, for example, the average earnings of all married workers with three dependents; such workers, in fact, have higher gross average earnings than workers with no dependents.

Since part-time as well as full-time workers are included, and since the proportion of part-time workers has been rising, the series understates the increase in earnings for full-time workers. As noted, "fringe benefits" are not included in the earnings. For a more complete discussion of the uses and limitations of these series, see the article by Paul M. Ryscavage, "Two Divergent Measures of Purchasing Power," in the *Monthly Labor Review* for August 1979. Reprints of this ariticle are available upon request from the Bureau of Labor Statistics.

"Real" earnings, or earnings in constant dollars, are calculated from the earnings averages for the current month using a deflator derived from the Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W).

Average hourly earnings excluding overtime. Average hourly earnings excluding overtime premium pay are computed by dividing the total production-worker payroll for the industry group by the sum of total production-worker hours and one-half of total overtime hours. Prior to January 1956, these data were based on the application of adjustment factors to gross average hourly earnings (as described in the *Monthly Labor Review*, May 1950, pp. 537-40). Both methods eliminate only the earnings due to overtime paid for at 1½ times the straight-time rates. No adjustment is made for other premium payment provisions, such as holiday work, late-shift work, and overtime rates other than time and one-half.

Indexes of aggregate weekly payrolls and hours. The indexes of aggregate weekly payrolls and hours are prepared by dividing the current month's aggregate by the average of the 12 monthly figures for 1977. For basic industries, the hour aggregates are the product of average weekly hours and production-worker or nonsupervisory-worker employment, and the payroll aggregates are the product of hour aggregates and average hourly earnings. At all higher levels of industry aggregation, hour and payroll aggregates are the sum of the component aggregates.

Indexes of diffusion of changes in number of employees on nonagricultural payrolls. These indexes measure the percent of industries which posted increases in employment over the specified time span. The indexes are calculated from 172 unpublished seasonally adjusted employment series (two-digit nonmanufacturing industries and three-digit manufacturing industries) covering all nonagricultural payroll employment in the private sector. A more detailed discussion of these indexes appears in "Introduction of Diffusion Indexes," in the December 1974 issue of *Employment and Earnings*.

Labor turnover

Labor turnover is the gross movement of wage and salary workers into and out of employed status with respect to individual establishments. This movement, which relates to a calendar month, is divided into two broad types: *Accessions* (new hires and rehires) and *separations* (terminations of employment initiated by either employer or employee). Each type of action is cumulated for a calendar month and expressed as a rate per 100 employees. The data relate to all employees, whether full- or part-time, permanent or temporary, including executive, office, sales, other salaried personnel, and production workers. The inclusion of transfers to or from another establishment of the company as separations and accessions began January 1959.

Accessions are the total number of permanent and temporary additions to the employment roll, including both new and rehired employees.

New hires are temporary or permanent additions to the employment roll of persons who have never before been employed in the establishment (except employees transferring from another establishment of the same company) or of former employees not recalled by the employer.

Recalls are permanent or temporary additions to the employment roll of persons specifically recalled to a job in the same establishment of the company following a period of layoff lasting more than 7 consecutive days. (The collection of recalls, as a separate item, began January 1976.)

Other accessions are all additions to the employment roll which are not classified as new hires or recalls. These include transfers from other establishments of the company and former employees returning from military leave or other absences without pay who have been counted as separations. Data on other accessions are not published separately but are included in total accessions.

Separations are terminations of employment during the calendar month and are classified according to cause—quits, layoffs, and other separations—defined as follows:

Quits are terminations of employment initiated by employees, failure to report after being hired (if counted as new hires previously), and unauthorized absences, if, on the last day of the month, the person has been absent more than 7 consecutive calendar days.

Layoffs are suspensions without pay lasting or expected to last more than 7 consecutive calendar days, initiated by the employer without prejudice to the worker.

Other separations, which are not published separately but are included in total separations, are terminations of employment because of discharge, permanent disability, death, retirement, transfer to another establishment of the company, and entrance into the Armed Forces for a period expected to last more than 30 consecutive calendar days.

Relationship of labor turnover to employment series

Month-to-month changes in total employment in manufacturing industries reflected by labor turnover rates are not strictly comparable with the changes shown in the Bureau's employment series for the following reasons: (1) Accessions and separations are computed for the entire calendar month; the employment reports refer to the pay period which includes the 12th of the month; and (2) employees on strike are not counted as turnover actions although such employees are excluded from the employment estimates if the work stoppage extends through the report period.

ESTIMATING METHODS

The principal features of the procedure used to estimate employment for the establishment statistics are (1) the use of the "link relative" technique, which is a form of ratio estimation, (2) periodic adjustment of employment levels to new benchmarks, and (3) the use of size and regional stratification.

The "link relative" technique

From a sample composed of establishments reporting for both the previous and current months, the ratio of current month employment to that of the previous month is computed. This is called a "link relative." The estimates of employment (all employees, including production and nonproduction workers together) for the current month are obtained by multiplying the estimates for the previous month by these "link relatives." In addition, small bias correction factors are applied to selected employment estimates each month. The size of the bias correction factors is determined from past experience. Other features of the general procedures are described in table L.

Size and regional stratification

A number of industries are stratified by size of establishment and/or by region, and the stratified production- or nonsupervisory worker-data are used to weight the hours and earnings into broader industry groupings. Accordingly, the basic estimating cell for an employment, hours, or earnings series, as the term is used in the summary of computational methods in table L, may be a whole industry or a size stratum, a region stratum, or a size stratum of a region within an industry. The labor turnover estimates are stratified by industry only.

Benchmark adjustments

Employment estimates are compared periodically with comprehensive counts of employment which provide "benchmarks" for the various nonagricultural industries, and appropriate adjustments are made as indicated. The industry estimates are currently projected from March 1980 levels. Normally, benchmark adjustments are made annually.

The primary sources of benchmark information are employment data, by industry, compiled quarterly by States agencies from reports of establishments covered under State unemployment insurance laws. These tabulations cover about 98 percent of employees on nonagricultural payrolls in the United States. Benchmark data for the residual are obtained from the records of the Social Security Administration, the Interstate Commerce Commission, and a number of other agencies in private industry or government.

The estimates for the benchmark month are compared with new benchmark levels, industry by industry. If revisions are necessary, the monthly series of estimates between benchmark periods are adjusted between the new benchmark and the preceding one, and the new benchmark for each industry is then carried forward progressively to the current month by use of the sample trends. Thus, under this procedure, the benchmark is used to establish the level of employment; the sample is used to measure the month-to-month changes in the level. A comparison of the actual amounts of revisions made at the time of the March 1980 benchmark adjustment is shown in table M.

Data for all months since the last benchmark to which the series has been adjusted are subject to revision. Revised data are published as soon as possible after each benchmark revision.

THE SAMPLE

Design

The sampling plan used in the current employment statistics program is know as "sampling proportionate to average size of establishment." This design is an optimum allocation design among strata since the sampling variance is proportional to the average size of establishments. Under this type of design, large establishments fall into the sample with certainty. The size of the sample for the various industries is determined empirically on the basis of experience and of cost considerations. In a manufacturing industry in which a high proportion of total employment is concentrated in relatively few establishments, a large percent of total employment is included in the sample. Consequently, the sample design for such industries provides for a complete census of the large establishments with only a few

Table L. Summary of methods for computing industry statistics on employment, hours, earnings, and labor turnover

Item	Basic estimating cell (industry, region, size, or region/size cell)	Aggregate industry levels (divisions, groups and, where stratified, individual cells)
	Monthly data	
All employees	All-employee estimate for previous month multiplied by ratio of all employees in current month to all employees in previous month, for sample establishments which reported for both months.	Sum of all-employee estimates for component cells.
Production or nonsupervisory workers, women employees	All-employee estimate for current month multiplied by (1) ratio of production or nonsupervisory workers to all employees in sample establishments for current month, (2) estimated ratio of women to all employees.[1]	Sum of production- or nonsupervisory-worker estimates, or estimates of women employees, for component cells.
Gross average weekly hours	Production- or nonsupervisory-worker hours divided by number of production or nonsupervisory workers.[2]	Average, weighted by production- or nonsupervisory-worker employment, of the average weekly hours for component cells.
Average weekly overtime hours	Production-worker overtime hours divided by number of production workers.[2]	Average, weighted by production-worker employment, of the average weekly overtime hours for component cells.
Gross average hourly earnings	Total production- or nonsupervisory-worker payroll divided by total production- or nonsupervisory-worker hours.[2]	Average, weighted by aggregate hours, of the average hourly earnings for component cells.
Gross average weekly earnings	Product of gross average weekly hours and average hourly earnings.	Product of gross average weekly hours and average hourly earnings.
Labor turnover rates	The number of particular actions (e.g., quits) in reporting establishmments divided by total employment in those firms. The result is multiplied by 100.	Average, weighted by employment, of the rates for component cells.
	Annual average data	
All employees, women employees, and production or nonsupervisory workers	Sum of monthly estimates divided by 12.	Sum of monthly estimates divided by 12.
Gross average weekly hours	Annual total of aggregate hours (production- or nonsupervisory-worker employment multiplied by average weekly hours) divided by annual sum of employment.	Annual total of aggregate hours for production or nonsupervisory workers divided by annual sum of employment for these workers.
Average weekly overtime hours	Annual total of aggregate overtime hours (production-worker employment multiplied by average weekly overtime hours) divided by annual sum of employment.	Annual total of aggregate overtime hours for production workers divided by annual sum of employment for these workers.
Gross average hourly earnings	Annual total of aggregate payrolls (product of production- or nonsupervisory-worker employment by weekly hours and hourly earnings) divided by annual aggregate hours.	Annual total by aggregate payrolls divided by annual aggregate hours.
Gross average weekly earnings	Product of gross average weekly hours and average hourly earnings.	Product of gross average weekly hours and average hourly earnings.
Labor turnover rates	Annual average aggregate (of each labor turnover action) divided by annual average employment.	Annual averge aggregate (of each labor turnover action) divided by annual average employment.

[1] The estimates result from multiplying the product shown by bias adjustment factors to compensate for the underrepresentation of newly formed enterprises in the sample and other bias sources.

[2] The sample production-worker ratio, women-worker ratio, average weekly hours, average overtime hours, and average hourly earnings are modified by a wedging technique designed to compensate for changes in the sample arising mainly from the voluntary character of the reporting. The wedging procedure accepts the advantage of continuity from the use of the matched sample, and at the same time, tapers or wedges the estimate toward the level of the latest sample average.

Table M. Comparison of nonagricultural employment benchmarks and estimates for March 1980

Industry division	Benchmark March 1980	Estimate March 1980	Percent difference
Total	90,253,000	90,316,000	0.1
Mining	990,000	996,000	.6
Construction	4,087,000	4,150,000	1.5
Manufacturing	20,722,000	20,793,000	.3
Transportation and public utilities	5,127,000	5,143,000	.3
Wholesale and retail trade	20,068,000	20,226,000	.7
Finance, insurance, and real estate	5,090,000	5,085,000	-.1
Services	17,636,000	17,478,000	-.9
Government	16,533,000	16,445,000	-.5

chosen from among the smaller establishments or none at all if the concentration of employment is great enough. On the other hand, in an industry in which a large proportion of total employment is in small establishments, the sample design calls for inclusion of all large establishments and also for a substantial number of the small ones. Many industries in the trade and services divisions fall into this category. To keep the sample to a size which can be handled by available resources, it is necessary to design samples for these industries with a smaller proportion of universe employment than is the case for most manufacturing industries. Since individual establishments in these nonmanufacturing divisions generally show less fluctuation from regular cyclical or seasonal patterns than do establishments in manufacturing industries, these smaller samples (in terms of employment) generally produce reliable estimates.

In the context of the BLS employment and labor turnover statistics programs, with their emphasis on producing timely data at minimum cost, a sample must be obtained which will provide coverage of a sufficiently large segment of the universe to provide reasonably reliable estimates that can be published promptly and regularly. The present sample meets these specifications for most industries. With its use, the BLS is able to produce preliminary estimates each month for many industries and for many geographic levels within a few weeks after the reference period, and, at a somewhat later date, statistics in considerably greater industrial detail.

Coverage

The BLS sample of establishment employment and payrolls is the largest monthly sampling operation in the field of social statistics. Table N shows the approximate proportion of total employment in each industry division covered by the group of establishments furnishing monthly employment data. The coverage for individual industries within the division may vary from the proportions shown. Table O shows the approximate coverage, in terms of employment, of the labor turnover sample.

Reliability of the employment estimates

Although the relatively large size of the BLS establishment sample assures a high degree of accuracy, the estimates derived from it may differ from the figures that would be obtained if it were possible to take a complete census using the same schedules and procedures. As discussed under the previous section, a "link relative" technique is used to estimate employment. This requires the use of the previous month's estimate as the base in computing the current month's estimate. Thus, small sampling and response errors may cumulate over several months. To remove this accumulated error, the estimates are usually adjusted annually to new benchmarks. In addition to taking account of sampling and response errors, the benchmark revision

Table N. Approximate size and coverage of BLS employment and payrolls sample, March 1980[1]

Industry division	Number of establishments in sample	Employees	
		Number reported	Percent of total
Total	166,300	35,270,000	38
Mining	2,100	369,000	37
Construction	16,100	739,000	18
Manufacturing	44,200	11,175,000	54
Transportation and public utilities			
Railroad transportation (ICC)	40	482,000	90
Other transportation and public utilities	7,600	2,623,000	57
Wholesale and retail trade	41,100	3,288,000	16
Finance, insurance, and real estate	11,200	1,826,000	36
Services	25,500	3,516,000	20
Government			
Federal[2]	4,500	2,869,000	100
State and local	13,900	8,383,000	61

[1] Since a few establishments do not report payroll and hours information, hours and earnings estimates may be based on a slightly smaller sample than employment estimates.

[2] National estimates of Federal employment by agency are provided to BLS by the Office of Personnel Management. Detailed industry estimates for the Executive Branch, as well as State and area estimates of Federal employment, are based on a sample of 4,500 reports covering about 55 percent of employment in Federal establishments.

adjusts the estimates for changes in the industrial classification of individual establishments (resulting from changes in their product which are not reflected in the levels of estimates until the data are adjusted to new benchmarks). In fact, at the more detailed industry levels, particularly within manufacturing, changes in classification are the major cause of benchmark adjustments. Another cause of differences arises from improvements in the quality of the benchmark data. Table P presents the average percent revisions of the six most recent benchmarks (excluding the March 1973 adjustment) for major industry divisions. Detailed descriptions of individual benchmark revisions are available from the Bureau upon request.

The hours and earnings estimates for basic estimating cells are not subject to benchmark revisions, although the broader groupings may be affected slightly by changes in employment weights. The hours and earnings estimates, however, are subject to sampling errors which may be expressed as relative errors of the estimates. (A relative error is a standard error expressed as a percent of the estimate.) Relative errors for major industries are presented in table P and for individual industries with the specified number of employees in table Q. The chances are about 2 out of 3 that the hours and earnings estimates from the sample would differ by a smaller percentage than the relative

Table O. Approximate size and coverage of BLS labor turnover sample, March 1980

Industry	Employees	
	Number reported	Percent of total
Total	9,252,000	40
Manufacturing	8,461,000	41
Mining	227,000	23
Telephone communication	744,000	70

Table P. Average benchmark revision in employment estimates and relative errors for average weekly hours and average hourly earnings by industry division

(In percent)

Industry division	Average benchmark revision in estimates of employment[1]	Relative errors[2]	
		Average weekly hours	Average hourly earnings
Total nonagricultural employment	0.3	-	-
Total private	.3	0.1	0.2
Mining	1.0	.5	.5
Construction	1.7	.2	.3
Manufacturing	.3	.1	.1
Durable goods	.4	.1	.1
Nondurable goods	.4	.1	.1
Transportation and public utilities	.4	.7	.4
Trade	.4	.1	.2
Wholesale	.7	.2	.3
Retail	.4	.2	.2
Finance, insurance, and real estate	.5	.2	.4
Services	.7	.4	.8
Government[3]	.5	-	-

[1] The average percent revision in employment for the following benchmarks: 1970, 1971, 1974, 1978, 1979 and 1980.

[2] Relative errors relate to March 1971 data.

[3] Estimates for government are based on a total count for Federal Government and, prior to the March 1979 revision, samples for State and local government benchmarked to a quinquennial census of government conducted by the Bureau of the Census.

error from the averages that would have been obtained from a complete census.

One measure of the reliability of the employment estimates for individual industries is the root-mean-square error (RMSE). The measure is the standard deviation adjusted for the bias in estimates:

$$\text{RMSE} = \sqrt{(\text{Standard Deviation})^2 + (\text{Bias})^2}$$

If the bias is small, the chances are about 2 out of 3 that an estimate from the sample would differ from its benchmark by less than the root-mean-square error. The chances are about 19 out of 20 that the difference would be less than twice the root-mean-square error.

Approximations of the root-mean-square errors (based on the most recent benchmark revisions) of differences between final estimates and benchmarks are presented in table Q.

Table Q. Root-mean-square errors of differences between benchmarks and estimates of employment and average relative errors for average weekly hours and average hourly earnings

Size of employment estimate	Root-mean-square error of employment estimates	Relative errors[2] (in percent)	
		Average weekly hours	Average hourly earnings
50,000	2,100	0.9	1.5
100,000	4,400	.7	1.1
200,000	7,100	.5	.9
500,000	15,200	.4	.6
1,000,000	17,100	.3	.5
2,000,000	28,500	.3	.5

[1] Assuming 12-month intervals between benchmark revisions.

[2] Relative errors relate to March 1971 data.

For the two most recent months, estimates of employment, hours, and earnings are preliminary and are so footnoted in the tables. These figures are based on less than the total sample and are revised when all the reports in the sample have been received. Table R presents root-mean-square errors of the amounts of revisions that may be expected between the preliminary and final levels of employment and preliminary and final month-to-month changes. Revisions of preliminary hours and earnings estimates are normally not greater than 0.1 of an hour for weekly hours and 1 cent for hourly earnings.

STATISTICS FOR STATES AND AREAS

State and area employment, hours, and earnings data are collected and prepared by State agencies in cooperation with BLS. The area statistics relate to metropolitan areas. Definitions for all areas are published each year in the issue of *Employment and Earnings* that contains State and area annual averages (usually the May issue). Changes in definitions are noted as they occur. Additional industry detail may be obtained from the State agencies listed on the inside back cover of each issue. These statistics are based on the same establishment reports used by BLS for preparing national estimates. For employment, the sum of the State figures may differ slightly from the equivalent official U.S. totals on a national basis, because some States have more recent benchmarks than others and because of the effects of differing industrial and geographic stratification.

For the States and the areas shown in the B and C sections of this periodical, all the annual average data for the detailed industry statistics currently published by each cooperating State agency are presented in a summary volume published annually by the BLS.

PRODUCTIVITY DATA

Tables C-9, C-10, and C-11 are compiled by the Bureau of Labor Statistics from establishment data and from estimates of compensa-

Table R. Errors of preliminary employment estimates

Category	Root-mean-square error of—	
	Monthly level	Month-to-month change
INDUSTRY DIVISIONS		
Total nonagricultural employment	83,000	69,000
Mining	5,000	5,000
Construction	19,000	16,000
Manufacturing	29,000	27,000
Durable two-digit industries	3,700	3,500
Nondurable two-digit industries	2,500	2,500
Transportation and public utilities	14,000	14,000
Wholesale and retail trade	30,000	27,000
Finance, insurance, and real estate	8,000	7,000
Services	31,000	26,000
Government	46,000	36,000
DETAILED INDUSTRIES, SIZE OF EMPLOYMENT ESTIMATE		
50,000	300	400
100,000	700	700
200,000	1,100	1,100
500,000	3,900	4,100
1,000,000	3,800	3,900
2,000,000	6,000	6,100

NOTE: Division level data are based on differences from January 1975 through December 1980. Detailed industry data are based on differences from August 1978 through June 1979.

tion and gross national product supplied by the U.S. Department of Commerce and the Federal Reserve Board.

Definitions

Hours of wage and salary workers in nonagricultural establishments refer to hours paid for all employees—production workers, nonsupervisory workers, and salaried workers.

Output is the constant-dollar market value of final goods and services produced in a given period. Indexes of *output per hour* of labor input, or labor productivity, measure changes in the volume of goods and services produced per unit of labor.

Compensation per hour includes wages and salaries of employees plus employers' contributions for social insurance and private benefit plans. The data also include an estimate of wages, salaries, and supplementary payments for the self-employed, except for nonfinancial corporations, in which there are no self-employed.

Real compensation per hour is compensation per hour adjusted to eliminate the effect of changes in the Consumer Price Index for All Urban Consumers (CPI-U).

Unit labor costs measure the labor compensation cost required to produce one unit of output and are derived by dividing compensation per hour by output per hour. *Unit nonlabor payments* include profits, depreciation, interest, and indirect taxes per unit of output. They are computed by subtracting compensation of all persons from the current-dollar gross national product and dividing by output. In these tables, unit nonlabor costs contain all the components of unit nonlabor payments except unit profits. *Unit profits* include corporate profits and inventory valuation adjustments per unit of output.

The *implicit price deflator* is derived by dividing the current-dollar estimate of gross product by the constant-dollar estimate, making the deflator, in effect, a price index for gross product of the sector reported.

Notes on the data

For the private business sector and the nonfarm business sector, these indexes relate to the gross domestic product less household and institutions, owner-occupied housing, and statistical discrepancy. For the nonfinancial coporate sector, the indexes refer to the gross domestic product of nonfiancial coporate business.

Manufacturing data have been revised to reflect revisions in the Federal Reserve Board Index of Industrial Production. Output data are supplied by the Bureau of Economic Analysis, U.S. Department of Commerce, and the Federal Reserve Board. Quarterly measures have been adjusted by the Bureau of Labor Statistics to annual estimates of output (gross product originating) from the Bureau of Economic Analysis. Compensation and hours data are from the Bureau of Economic Analysis and the Bureau of Labor Statistics.

State and Area Unemployment Data
(E table)

FEDERAL-STATE COOPERATIVE PROGRAM

Labor force and unemployment estimates for States, labor market areas (LMA's), and other areas covered under Federal assistance programs are developed by State employment security agencies under a Federal-State cooperative program. The local unemployment estimates which are derived from standardized procedures developed by BLS are the basis for determining eligibility of an area for benefits under Federal programs such as the Comprehensive Employment and Training Act, the Public Works Employment Act, and the Public Works and Economic Development Act.

ESTIMATING METHODS

Labor force and unemployment in 10 large States: New York, California, Illinois, Ohio, New Jersey, Pennsylvania, Michigan, Texas, Massachusetts, and Florida; and two areas: Los Angeles-Long Beach metropolitan area and New York City, are sufficently reliable to be used directly from the CPS. For a description of the CPS concepts see "Household Data," above.

Monthly employment and unemployment estimates in the remaining 40 States and 214 labor market areas are prepared in several stages.

1. *Preliminary estimate—employment:* The total employment estimate is based primarily on data from the survey of establishments which produces an estimate of payroll employment. This place-of-work estimate must be adjusted to refer to place of residences as used in the CPS. Factors for adjusting from place of work to place of residence have been developed for the major categories of employment by class of worker and industry on the basis of employment relationships which existed at the time of the 1970 Decennial Census. These factors are applied to the payroll employment estimates for the current period to obtain adjusted employment estimates.

2. *Preliminary estimate—unemployment:* In the current month, the estimate of unemployment is an aggregate of the estimates for each of three building block categories: (1) Persons who were previously employed in industries covered by State unemployment insurance (UI) laws; (2) those previously employed in industries not covered by these laws; and (3) those who were either entering the labor force for the first time or reentering after a period of separation. This is referred to below as the UI-based estimate.

An estimate for those previously employed in covered industries is derived from a count of current unemployment insurance claimants, plus estimates of claimants whose benefits have been exhausted, those persons disqualified from receiving benefits for nonmonetary reasons (because they quit, were discharged for cause, etc., but would otherwise have been eligible), and persons who either filed claims late or not at all.

The estimate of those previously employed in industries not covered by UI is derived by applying to the employment estimate for each noncovered industry or class of worker subgroup in the State, the ratio of covered unemployment to covered employment weighted by factors reflecting national historical relationships.

For the third category, new entrants and reentrants into the labor force, a composite estimate is developed from equations that relate the total entrants into the labor force to the experienced unemployed and the experienced labor force. For each month, the estimate of entrants into the labor force is a function of: (a) the month of the year; (b) the level of the experienced unemployed; (c) the level of the experienced labor force; and (d) proportion of the working age population that is considered "youth." The composite estimate of total entrants is defined as:

$U = A(X + E) + BX$, where

U = total entrant unemployment
E = total employment
X = total experienced unemployment
A,B = synthetic factors incoporating seasonal variation and an assumed relationship between the proportion of youths in the working population and the historical relationship of entrants to the experienced unemployed (B factor) or the experienced labor force (A factor).

3. *Correction factors for employment and unemployment* are then applied at the State level to the UI-based estimates obtained above for

each of the 40 States and the District of Columbia. These correction factors are based on the ratio of the CPS to the UI-based estimates for the 6 month period ending in the current month (e.g. a 6-month moving average).

4. *Substate adjustment for additivity.* Independent estimates of employment and unemployment are prepared both for the State (obtained directly from the CPS in the 10 large States or by the UI-based method in the remaining States), and labor market areas (LMA's) within the State. The total of the geographic areas in the LMA's exhausts the geographic boundries of the State. A proportional adjustment is applied to all substate LMA estimates to ensure that the substate estimates of employment and unemployment add to the independent State totals. In California and New York, which also have substate areas taken directly from the CPS, the additivity adjustment for the remaining areas is applied to the State total minus the direct CPS area.

5. *Benchmark correction procedures.* Once each year monthly estimates prepared by State employment security agencies using UI-based estimating procedures are adjusted, or benchmarked, by BLS to the annual average CPS estimates for the 40 States for which monthly CPS estimates are not available. This adjustment is necessary because the State-prepared estimates are not as reliable as the CPS annual averages due to differences in State UI laws, the structual limitations of the UI-based estimating method, and errors in the UI data.

The benchmarked estimates are produced in three stages. First, the monthly UI-based estimates are adjusted by the ratio of the CPS to the UI-based annual averages. Second, the difference between the ratio of annual averages for two consecutive years is wedged into the monthly estimates in order to minimize the disturbance to the original series. Finally, the second-stage estimates are forced into agreement with CPS annual averages. In the 10 States which use CPS estimates monthly, no benchmark correction is required, as the average of the 12 monthly State CPS estimates will equal the CPS annual averages.

Seasonal Adjustment

Over the course of a year, the size of the Nation's labor force, the levels of employment and unemployment, and other measures of labor market activity undergo sharp fluctuations due to such seasonal events as changes in weather, reduced or expanded production, harvests, major holidays, and the opening and closing of schools. Because these seasonal events follow a more or less regular pattern each year, their influence on statistical trends can be eliminated by adjusting the statistics from month to month. These adjustments make it easier to observe the cyclical and other nonseasonal movements in the series. In evaluating changes in a seasonally adjusted series, it is important to note that seasonal adjustment is merely an approximation based on past experience. Seasonally adjusted estimates have a broader margin of possible error than the original data on which they are based, since they are subject not only to sampling and other errors but are also affected by the uncertainties of the seasonal adjustment process itself. Seasonally adjusted series for selected labor force and establishment data are published regularly in *Employment and Earnings*.

The seasonal adjustment programs used for these series are based on an *adaptation* of the standard ratio-to-moving average method. They provide for "moving" adjustment factors to take account of changing seasonal patterns. A detailed description of the method is given in the publication, *The X-11 Variant of the Census Method II Seasonal Adjustment Program*, Technical Paper No. 15, Bureau of the Census (1967).

Beginning in January 1980, the BLS introduced two major modifications in the seasonal adjustment methodology for data from the household survey. First, the data are being seasonally adjusted with a new procedure called X-11 ARIMA, which was developed at Statistics Canada as an extension of the existing standard X-11 method. A detailed description of the procedure appears in *The X-11 ARIMA Seasonal Adjustment Method*, by Estela Bee Dagum, Statistics Canada Catalogue No. 12-564E, February 1980. The X-11 procedure was originally developed at the Bureau of the Census and had been used by the BLS to seasonally adjust labor force series since 1973. Tests have shown that use of the X-11 ARIMA procedure, which essentially places more emphasis on recent data, provides better seasonal adjustments than does the X-11 method alone.

The second change is that seasonal factors are now being calculated for use during the first 6 months of the year rather than for the entire year. In July of each year, the BLS will calculate and publish (in *Employment and Earnings*) a new set of seasonal factors for use in the second half, based on the experience through June. Revisions of historical data for the most recent 5 years will continue to be made once a year, at the beginning of each calendar year. However, as a result of the revisions to the estimates for 1970-81 based on 1980 census population counts, revisions to seasonally adjusted series in early 1982 were carried back to 1970.

All civilian labor force and unemployment rate statistics, as well as the major employment and unemployment estimates, are computed by aggregating independently adjusted series. For example, for each of the three major labor force components—agricultural employment, nonagricultural employment, and unemployment—data for four sex-age groups (males and females under and over 20 years of age) are separately adjusted for seasonal variation and are then added to derive seasonally adjusted total figures. In order to provide seasonally adjusted total employment and civilian labor force estimates, the appropriate series are aggregated. The official unemployment rate for all civilian workers is derived by dividing the estimate for total unemployment (the sum of 4 seasonally adjusted sex-age components) by the civilian labor force (the sum of 12 seasonally adjusted sex-age components).

Revised seasonally adjusted data for selected labor force series based on the experience through December 1981, new seasonal adjustment factors to be used to calculate the overall unemployment rate for the first 6 months of 1982, and a description of the current seasonal adjustment methodology are published in the February 1982 issue of *Employment and Earnings*. Revised seasonally adjusted data covering the 1970-81 revision period for a broader range of labor force series also appear in the February 1982 issue of this publication. Many additional series, which are either components or aggregates of the series presented, are available from the BLS upon request.

Beginning in July 1980, the BLS also uses the X-11 ARIMA methodology in seasonally adjusting the establishment data, which previously had been computed using the *BLS Seasonal Factor Method*. All series are seasonally adjusted using the multiplicative models under X-11 ARIMA. Seasonal adjustment factors used in calculating the current estimates are based on data through March of 1981. The AKIMA model options for projecting the data series for 1 year ahead have been used in seasonally adjusting the establishment series, introduced with June 1981 data.

Seasonal adjustment factors are directly applied to the component levels. Seasonally adjusted totals for most of these series are then obtained by taking a weighted average of the seasonally adjusted data for the component series. Seasonally adjusted average weekly earnings are the product of seasonally adjusted average hourly earnings and seasonally adjusted weekly hours. Average weekly earnings in constant dollars, seasonally adjusted, are obtained by dividing average weekly earnings, seasonally adjusted, by the seasonally adjusted Consumer Price Index for Urban Wage Earners and Clerical Workers

nd multiplying by 100. Indexes of aggregate weekly hours, adjusted, are obtained by multiplying average weekly asonally adjusted, by production or nonsupervisory easonally adjusted, and dividing by the 1977 base. For total otal goods-producing, total private service-producing, trade, manufacturing, and durable and nondurable goods industries, the indexes of aggregate weekly hours, seasonally adjusted, are obtained by summing the aggregate weekly hours, seasonally adjusted, for the appropriate component industries and dividing by the 1977 base.

Seasonally adjusted data are not published for a number of series characterized by small seasonal components relative to their trend-cycle and/or irregular components. Beginning with data for July 1981, these failed or unsatisfactory seasonally adjusted series are used in the aggregation to broader level seasonally adjusted series. In prior months, the unadjusted series were used in the aggregation process.

The seasonally adjusted establishment data for Federal Government are based on a series which excludes the Christmas temporary help employed by the Postal Service in December. The employment of these workers constitutes the only significant seasonal change in Federal Government employment during the winter months. Furthermore, the volume of such employment may change substantially from year to year because of administrative decisions by the Postal Service. Hence, it was considered desirable to exclude this group from the data upon which the seasonally adjusted series is based.

For labor turnover rates, seasonal adjustment factors are applied directly to the component series. These series are then aggregated to obtain total levels (total accessions and total separations). These factors are derived by the *X-11 ARIMA Method* using the trading day option except for recalls. As a result, these series are adjusted for the number of times each day of the week occurs in a given month, as well as for the month of the year.

The revised seasonally adjusted series for the establishment data reflect experience through March 1981. Seasonal factors to be used for current adjustment appear in the July 1981 issue of *Employment and Earnings*.

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BLS Region	
IV	ALABAMA
X	ALASKA
IX	ARIZONA
VI	ARKANSAS
IX	CALIFORNIA
VIII	COLORADO
I	CONNECTICUT
III	DELAWARE
III	DIST. OF COL.
IV	FLORIDA
IV	GEORGIA
IX	HAWAII
X	IDAHO
V	ILLINOIS
V	INDIANA
VII	IOWA
VII	KANSAS
IV	KENTUCKY
VI	LOUISIANA
I	MAINE
III	MARYLAND
I	MASSACHUSETTS
V	MICHIGAN
V	MINNESOTA
IV	MISSISSIPPI
VII	MISSOURI
VIII	MONTANA
VII	NEBRASKA
IX	NEVADA
I	NEW HAMPSHIRE
II	NEW JERSEY
VI	NEW MEXICO
II	NEW YORK
IV	NORTH CAROLINA
VIII	NORTH DAKOTA
V	OHIO
VI	OKLAHOMA
X	OREGON
III	PENNSYLVANIA
II	PUERTO RICO
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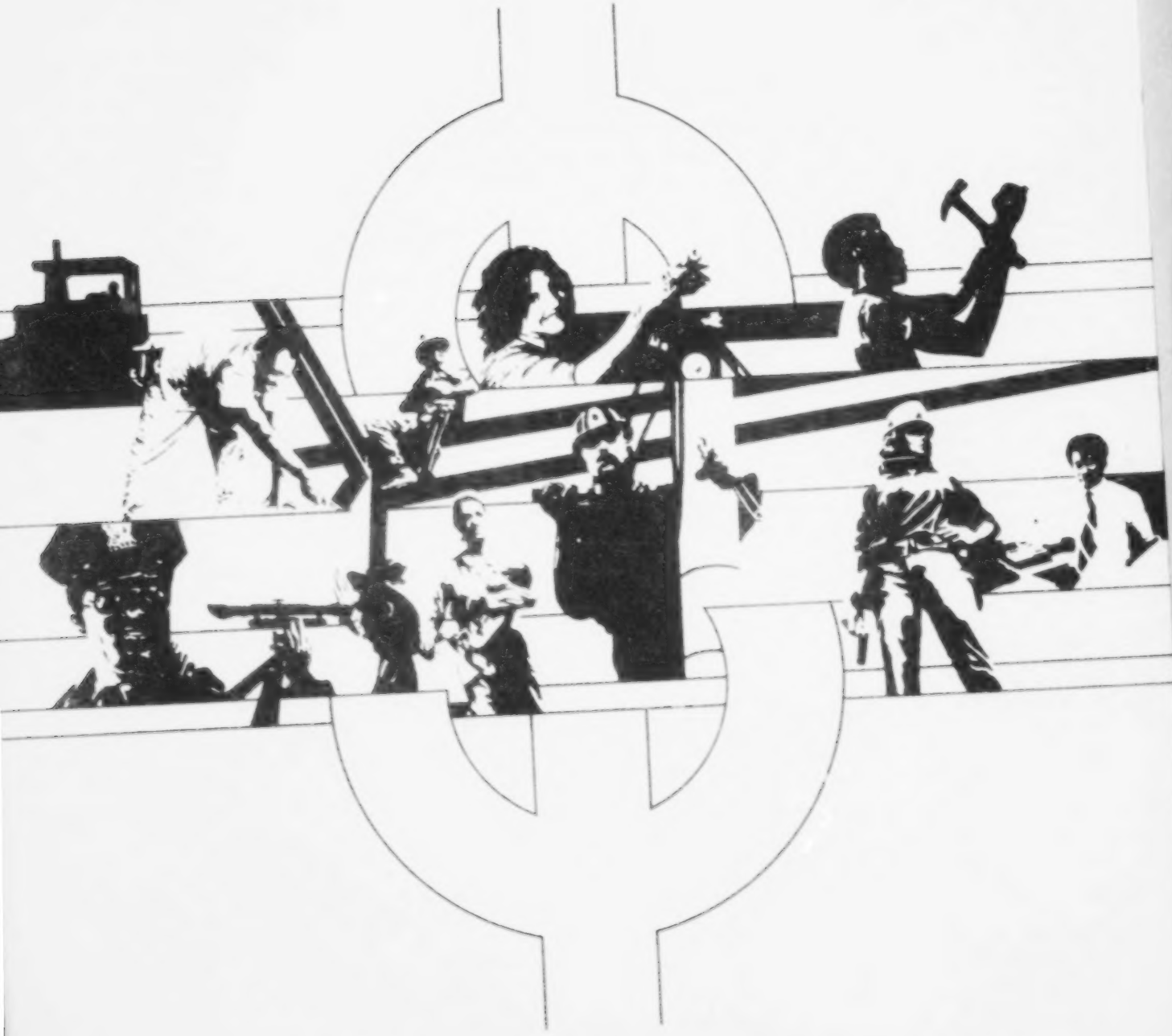

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Calendar of Features

In addition to the monthly data appearing regularly in *Employment and Earnings*, special features appear in most of the issues as shown below.

Household data

Annual averages	Jan.
Revised seasonally adjusted series	Feb.
Quarterly averages: Seasonally adjusted data, persons not in labor force, persons of Hispanic origin, Vietnam-era veterans and nonveterans, poverty nonpoverty area data, family relationship data, weekly earnings data	3, Apr., July, Oct.

Establishment data

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Industry detail (revised)	May
Women employment, hours, earnings	May
National data adjusted to new benchmarks	July
Revised historical seasonally adjusted data (adjusted to new benchmarks)	September
Revised seasonally adjusted data	Nov.
State and area annual averages	May
Area definitions	May

State and area unemployment data

Annual averages	May

Employment and Earnings

Vol. 29 No. 4 April 1982

Editors: Gloria P. Green, Gloria P. Goings, Rosalie K. Epstein

Editors' note

Beginning with this issue, spendable earnings data and labor turnover data will no longer be published in *Employment and Earnings*. The real (constant dollar) earnings series will continue to be published in tables C-4 and C-8.

Final December 1981 and 1981 annual average data for the spendable earnings and labor turnover series were published in the March issue in tables C-4 and D-1 through D-3. State and area labor turnover data were discontinued with November 1981 preliminary data in the February issue.

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Employment and Unemployment Developments, March 1982

The overall employment situation continued to show weakness in March. The Nation's unemployment rate rose from 8.8 to 9.0 percent, equaling the rate of May 1975.

Nonfarm payroll employment—as derived from the monthly survey of establishments—declined by 220,000 over the month to 90.8 million. Payroll jobs have declined by 1.2 million since reaching a high of 92.0 million last September. At 99.5 million, total employment—as derived from the monthly survey of households—was little different from the levels of the prior 3 months but well below the pre-recession peak of last summer.

Unemployment

The Nation's unemployment rate was 9.0 percent in March, up 0.2 percentage point over the month and 1.8 points since the July 1981 pre-recession low. The number of jobless persons rose 280,000 over the month to 9.9 million, 2 million above last July's level.

The March rise in unemployment occurred among adult men and women, whose jobless rates were once again identical at 7.9 percent. The rate for men equaled last December's high, while that for women was still somewhat below 1975 levels. The increase in unemployment affected both white (7.9 percent) and black (18.0 percent) workers, whereas the incidence of joblessness among Hispanics and teenage workers was about unchanged at 12.7 and 21.9 percent, respectiveiy. (See tables A-33 and A-35.)

Joblessness among white-collar (4.8 percent), blue-collar (12.9 percent), and full-time (8.9 percent) workers was up over the month. The jobless rate for workers in wholesale and retail trade rose from 9.0 to 10.3 percent, while rates for workers in the construction and manufacturing industries were about unchanged. (See table A-36.)

All of the over-the-month increase in joblessness was among job losers, most of whom were permanently terminated from their jobs. The number of persons on layoff (job losers expecting recall) rose slightly, following 2 months of decline. Job losers have accounted for nearly all of the increase in unemployment since the recession began and in March comprised over 57 percent of the unemployed. (See table A-39.)

The number of persons out of work for 15 weeks or more increased by 230,000 over the month; average (mean) duration was about unchanged at 14 weeks, while median duration rose to 7.6 weeks. (See table A-37.)

The number of persons in nonagricultural industries working less than 35 hours for economic reasons rose by 150,000 in March to a high of 5.7 million. This represented an increase of 1.7 million from last June's 1981 low. Most of the over-the-month increase took place among persons working part time because they couldn't find full-time jobs. (See table A-42.)

Total employment and the labor force

Total employment was little changed for the third consecutive month and, at 99.5 million in March, was 1.4 million below last July's level. The percentage of the population employed—the employment population ratio—continued to recede, as employment failed to keep pace with population growth. The March ratio was 57.2 percent, 1.6 percentage points below its May 1981 pre-recession peak.

The civilian labor force edged up to 109.3 million in March. The labor force grew by only 1.1 million over the year; adult women accounted for most of this relatively small gain. (See table A-33.)

Discouraged workers

The number of discouraged workers (persons who report that they want to work but are not looking for jobs because they believe they could not find any) rose by 140,000 in the first quarter of 1982 to 1.3 million, the highest level recorded since the series began in 1967. The increase was particularly sharp among blacks, who historically have accounted for a disproportionately large number of the discouraged; in the first quarter, they comprised nearly 40 percent of the total. Four-fifths of all discouraged workers were not seeking work because of job-market factors. (See table A-53.)

Industry payroll employment

Employment on nonagricultural payrolls declined by 220,000 in March to 90.8 million, seasonally adjusted.

Since last September, employment reductions have totaled 1.2 million, with more than 1.1 million in manufacturing alone. March employment declines were particularly widespread, as gains occurred in fewer than a third of the 172 industries comprising the BLS diffusion index of private nonagricultural payroll employment. (See tables B-4 and B-7.)

The largest over-the-month decrease took place in manufacturing, where employment fell by 130,000. Almost 50,000 of this drop was among nonproduction workers. Within the durable goods sector, the industries suffering the heaviest losses were primary and fabricated metals, machinery, and electrical equipment. In nondurable goods, employment in textiles and apparel continued to drop, and there was also a decline in food processing jobs. Construction employment in March was off by 45,000; job losses have totaled 300,000 since last April.

Employment in the service-producing sector was little changed, as none of the industry groups which make up that sector experienced particularly strong movements. There has been essentially no job growth in the service-producing sector since last fall.

Hours of work

The average workweek of production or nonsupervisory workers on private nonagricultural payrolls fell two-tenths of an hour in March to 34.8 hours, seasonally adjusted. The average workweek was one-half hour below its year-earlier level. Average hours in manufacturing were down one-half hour from February, and overtime was reduced by 0.1 hour. Reflecting the declines in both hours and employment, the index of aggregate weekly hours of production or nonsupervisory workers on private nonagricultural payrolls declined by 0.9 percent to 106.1 (1977 = 100). The manufacturing index declined by 1.7 percent to 90.6 and was down by 10 percent from last July. (See tables C-6 and C-7.)

Hourly and weekly earnings

Average hourly earnings rose 0.5 percent in March, while average weekly earnings were virtually unchanged, after seasonal adjustment. Before adjustment for seasonality, average hourly earnings rose one cent to $7.55, 45 cents above a year earlier. Weekly earnings were up 35 cents over the month and $12.07 over the past year.

The Hourly Earnings Index

The Hourly Earnings Index (HEI) was 145.8 (1977 = 100) in March, seasonally adjusted, 0.5 percent higher than in February. For the 12 months ended in March, the increase (before seasonal adjustment) was 7.4 percent. The HEI excludes the effects of two types of changes unrelated to underlying wage rate movements—fluctuations in manufacturing overtime and interindustry employment shifts. In dollars of constant purchasing power, the HEI increased 0.2 percent during the 12-month period ended in February. (See table C-8.)

HOUSEHOLD DATA
HISTORICAL

A-1. Employment status of the noninstitutional population 16 years and over, 1947 to date

(Numbers in thousands)

Year and month	Total noninstitutional population	Total labor force		Civilian labor force						Not in labor force
					Employed			Unemployed		
		Number	Percent of population	Total	Total	Agriculture	Nonagricultural industries	Number	Percent of labor force	
	Annual averages									
1947	103,418	60,941	58.9	59,350	57,038	7,890	49,148	2,311	3.9	42,477
1948	104,527	62,080	59.4	60,621	58,383	7,629	50,754	2,276	3.8	42,447
1949	105,611	62,903	59.5	61,286	57,651	7,658	49,993	3,637	5.9	42,708
1950	106,645	63,858	59.9	62,208	58,918	7,160	51,758	3,288	5.3	42,787
1951	107,721	65,117	60.4	62,017	59,961	6,726	53,235	2,055	3.3	42,604
1952	108,823	65,730	60.4	62,138	60,250	6,500	53,749	1,883	3.0	43,093
1953[1]	110,601	66,560	60.2	63,015	61,179	6,260	54,919	1,834	2.9	44,041
1954	111,671	66,993	60.0	63,643	60,139	6,205	53,934	3,532	5.5	44,678
1955	112,732	68,072	60.4	65,023	62,170	6,450	55,722	2,852	4.4	44,660
1956	113,811	69,409	61.0	66,552	63,799	6,283	57,516	2,750	4.1	44,402
1957	115,065	69,729	60.6	66,929	64,071	5,947	58,123	2,859	4.3	45,336
1958	116,363	70,275	60.4	67,639	63,036	5,585	57,450	4,602	6.8	46,034
1959	117,881	70,921	60.2	68,369	64,633	5,565	59,065	3,740	5.5	46,960
1960[1]	119,759	72,142	60.2	69,628	65,778	5,458	59,318	3,852	5.5	47,617
1961	121,343	73,031	60.2	70,459	65,746	5,200	60,546	4,714	6.7	48,312
1962	122,981	73,442	59.7	70,614	65,702	4,944	61,759	3,911	5.5	49,538
1963	125,154	74,571	59.6	71,833	67,762	4,687	63,076	4,070	5.7	50,583
1964	127,224	75,830	59.6	73,091	69,305	4,523	64,782	3,786	5.2	51,394
1965	129,236	77,178	59.7	74,455	71,088	4,361	66,726	3,366	4.5	52,058
1966	131,180	78,893	60.1	75,770	72,895	3,979	68,915	2,875	3.8	52,288
1967	133,319	80,793	60.6	77,347	74,372	3,844	70,527	2,975	3.8	52,527
1968	135,562	82,272	60.7	78,737	75,920	3,817	72,103	2,817	3.6	53,291
1969	137,841	84,240	61.1	80,734	77,902	3,535	74,296	2,832	3.5	53,602
1970	140,272	85,959	61.3	82,771	78,678	3,463	75,215	4,093	4.9	54,315
1971	143,033	87,198	61.0	84,382	79,367	3,394	75,972	5,016	5.9	55,834
1972[1]	146,574	89,484	61.1	87,034	82,153	3,484	78,669	4,882	5.6	57,091
1973[1]	149,423	91,756	61.4	89,429	85,064	3,470	81,594	4,365	4.9	57,667
1974	152,349	94,179	61.8	91,949	86,794	3,515	83,279	5,156	5.6	58,171
1975	155,333	95,955	61.8	93,775	85,846	3,408	82,438	7,929	8.5	59,377
1976	158,294	98,302	62.1	96,158	88,752	3,331	85,421	7,406	7.7	59,991
1977	161,166	101,142	62.3	99,009	92,017	3,283	88,734	6,991	7.1	60,025
1978[1]	164,027	104,368	63.6	102,251	96,048	3,387	92,661	6,202	6.1	59,659
1979	166,951	107,050	64.1	104,952	99,424	3,347	95,477	6,137	5.8	59,900
1980	169,848	109,042	64.2	106,940	99,303	3,364	95,938	7,637	7.1	60,835
1981	172,272	110,812	64.3	108,670	100,397	3,368	97,030	8,273	7.6	61,463
	Monthly data, seasonally adjusted[2]									
1981:										
March	171,581	110,492	64.4	108,384	100,405	3,343	97,063	7,958	7.3	61,089
April	171,770	110,906	64.5	108,777	100,878	3,470	97,409	7,899	7.3	60,864
May	171,956	111,420	64.8	109,293	101,045	3,405	97,640	8,248	7.5	60,536
June	172,172	110,565	64.2	108,438	100,430	3,348	97,082	8,004	7.4	61,608
July	172,385	110,827	64.3	108,688	100,864	3,342	97,522	7,824	7.2	61,558
August	172,559	110,978	64.3	108,818	100,840	3,404	97,436	7,978	7.3	61,581
September	172,758	110,659	64.1	108,494	100,258	3,358	96,900	8,236	7.6	62,099
October	172,966	111,170	64.3	109,012	100,383	3,378	96,965	8,669	8.0	61,797
November	173,155	111,430	64.4	109,272	100,172	3,372	96,800	9,100	8.3	61,724
December	173,330	111,348	64.2	109,184	99,613	3,209	96,404	9,571	8.8	61,982
1982:										
January	173,495	111,038	64.0	108,879	99,581	3,411	96,170	9,298	8.5	62,456
February	173,657	111,333	64.1	109,165	99,590	3,373	96,217	9,575	8.8	62,324
March	173,843	111,521	64.2	109,386	99,492	3,349	96,144	9,854	9.0	62,321

[1] Not strictly comparable with prior years. For an explanation, see "Historic Comparability" under Household Data section of Explanatory Notes.

[2] Because seasonality, by definition, does not exist in population figures, data for "total noninstitutional population" are not seasonally adjusted.

A-2. Employment status of the noninstitutional population 16 years and over by sex, 1972 to date

(Numbers in thousands)

Sex, year, and month	Total noninstitutional population	Total labor force		Civilian labor force						Not in labor force
					Employed			Unemployed		
		Number	Percent of population	Total	Total	Agriculture	Nonagricultural industries	Number	Percent of labor force	
MALES				Annual averages						
1972[1]	70,241	55,961	79.7	53,555	50,896	2,849	48,047	2,659	5.0	14,283
1973[1]	71,567	56,900	79.5	54,624	52,349	2,847	49,502	2,275	4.2	14,667
1974	72,971	57,902	79.3	55,739	53,024	2,919	50,105	2,718	4.9	15,069
1975	74,383	58,390	78.5	56,299	51,857	2,824	49,032	4,442	7.9	15,993
1976	75,798	59,212	78.1	57,174	53,138	2,784	50,394	4,036	7.1	16,585
1977	77,211	60,414	78.2	58,396	54,728	2,671	52,057	3,667	6.3	16,797
1978[1]	78,569	61,613	78.4	59,620	56,479	2,718	53,761	3,142	5.3	16,956
1979	79,968	62,676	78.4	60,726	57,607	2,686	54,921	3,120	5.1	17,293
1980	81,341	63,396	77.9	61,453	57,185	2,709	54,477	4,267	6.9	17,945
1981	82,476	63,939	77.5	61,974	57,397	2,700	54,697	4,577	7.4	18,537
				Monthly data, seasonally adjusted[2]						
1981:										
March	82,147	63,860	77.7	61,936	57,531	2,663	54,868	4,375	7.1	18,287
April	82,236	64,047	77.9	62,092	57,792	2,793	55,002	4,300	6.9	18,188
May	82,324	64,317	78.1	62,364	57,793	2,728	55,065	4,571	7.3	18,007
June	82,428	63,647	77.2	61,694	57,279	2,704	54,575	4,415	7.2	18,781
July	82,529	63,771	77.3	61,811	57,640	2,696	54,944	4,171	6.7	18,758
August	82,613	63,916	77.4	61,936	57,551	2,738	54,813	4,385	7.1	18,697
September	82,707	63,960	77.3	61,977	57,471	2,687	54,784	4,506	7.3	18,747
October	82,807	64,040	77.3	62,064	57,266	2,715	54,551	4,798	7.7	18,767
November	82,895	64,158	77.4	62,184	57,051	2,668	54,383	5,133	8.3	18,737
December	82,978	64,283	77.5	62,333	56,725	2,593	54,135	5,578	9.0	18,696
1982:										
January	83,054	63,941	77.0	61,956	56,629	2,698	53,931	5,338	8.6	19,113
February	83,129	64,025	77.0	62,042	56,656	2,693	53,965	5,384	8.7	19,104
March	83,218	64,069	77.0	62,082	56,472	2,667	53,805	5,610	9.0	19,149
FEMALES				Annual averages						
1972[1]	76,333	33,522	43.9	33,479	31,257	635	30,622	2,222	6.6	42,811
1973[1]	77,855	34,855	44.8	34,804	32,715	622	32,093	2,089	6.0	43,000
1974	79,379	36,278	45.7	36,211	33,769	595	33,173	2,441	6.7	43,101
1975	80,949	37,565	46.4	37,475	33,989	584	33,404	3,486	9.3	43,386
1976	82,496	39,089	47.4	38,963	35,615	588	35,027	3,369	8.6	43,406
1977	83,955	40,728	48.5	40,613	37,289	612	36,677	3,324	8.2	43,227
1978[1]	85,459	42,755	50.0	42,631	39,569	669	38,900	3,061	7.2	42,703
1979	86,983	44,375	51.0	44,235	41,217	661	40,556	3,018	6.8	42,608
1980	88,507	45,648	51.6	45,487	42,117	655	41,461	3,370	7.4	42,861
1981	89,796	46,873	52.2	46,596	43,030	697	42,333	3,696	7.9	42,922
				Monthly data, seasonally adjusted[2]						
1981:										
March	89,434	46,632	52.1	46,458	42,875	680	42,195	3,583	7.7	42,802
April	89,535	46,859	52.3	46,685	43,086	680	42,406	3,599	7.7	42,676
May	89,632	47,103	52.6	46,929	43,252	677	42,575	3,677	7.8	42,529
June	89,744	46,918	52.3	46,740	43,151	644	42,507	3,589	7.7	42,827
July	89,856	47,056	52.4	46,877	43,224	646	42,578	3,653	7.8	42,803
August	89,946	47,062	52.3	46,882	43,289	666	42,623	3,593	7.7	42,884
September	90,051	46,699	51.9	46,517	42,787	671	42,116	3,730	8.0	43,352
October	90,159	47,129	52.3	46,948	43,077	663	42,414	3,871	8.2	43,033
November	90,259	47,272	52.4	47,086	43,121	704	42,417	3,967	8.4	42,987
December	90,352	47,066	52.1	45,881	42,888	619	42,269	3,993	8.5	43,286
1982:										
January	90,441	47,097	52.1	46,913	42,952	713	42,239	3,960	8.4	43,343
February	90,528	47,308	52.3	47,123	42,932	683	42,251	4,191	8.9	43,223
March	90,625	47,452	52.4	47,264	43,020	682	42,339	4,243	9.0	43,173

[1] Not strictly comparable with prior years. For an explanation, see "Historic Comparability" under Household Data section of Explanatory Notes.

[2] Because seasonality, by definition, does not exist in population figures, data for "total noninstitutional population" are not seasonally adjusted.

HOUSEHOLD DATA

A-3. Employment status of the noninstitutional population by sex, age, and race

(Numbers in thousands)

Sex, age, and race	March 1982										
	Total labor force		Civilian labor force				Not in labor force				
					Unemployed						
	Number	Percent of population	Total	Employed	Number	Percent of labor force	Total	Keeping house	Going to school	Unable to work	Other reasons
MALES											
16 years and over	63,725	76.6	61,738	55,533	6,206	10.1	13,492	315	4,999	1,483	12,693
16 to 21 years	7,892	62.7	7,259	5,609	1,650	22.7	4,731	15	4,093	36	558
16 to 19 years	4,412	53.8	4,153	3,114	1,039	25.0	3,731	11	3,410	12	357
16 to 17 years	1,601	40.3	1,492	1,160	432	27.1	2,376	4	2,230	2	140
18 to 19 years	2,811	66.5	2,561	1,954	607	23.7	1,414	7	1,180	10	217
20 to 64 years	57,452	88.3	55,724	53,633	5,090	9.1	7,252	160	1,588	1,057	4,447
20 to 24 years	9,250	84.9	8,886	6,995	1,490	17.6	1,651	8	1,161	56	425
25 to 54 years	41,028	94.1	40,063	38,883	3,180	7.9	2,579	86	417	526	1,553
25 to 29 years	9,534	94.3	9,153	8,083	1,057	11.7	506	11	250	49	287
30 to 34 years	8,802	95.7	8,538	7,836	702	8.2	396	15	72	68	241
35 to 39 years	7,166	95.9	6,976	6,490	486	7.0	326	11	39	74	182
40 to 44 years	5,694	94.7	5,507	5,241	366	6.5	320	19	23	95	182
45 to 49 years	4,960	92.9	4,931	4,640	291	5.9	384	11	17	95	251
50 to 54 years	4,869	89.8	4,861	4,593	268	5.5	567	18	6	147	397
55 to 64 years	7,177	70.4	7,176	6,750	423	5.8	3,922	66	10	475	2,471
55 to 59 years	4,629	82.0	4,628	4,343	285	6.4	972	33	8	222	709
60 to 64 years	2,748	57.3	2,747	2,613	135	4.9	2,950	33	2	254	1,762
65 years and over	1,861	18.1	1,861	1,785	77	4.1	8,450	144	1	411	7,894
65 to 69 years	1,079	27.6	1,079	1,019	60	5.6	2,933	37	1	134	2,658
70 years and over	782	12.2	782	766	16	2.1	5,619	107	--	277	5,236
White											
16 years and over	56,137	77.4	54,513	49,586	4,926	9.0	16,435	260	3,959	1,159	11,052
16 to 21 years	6,830	64.9	6,365	5,273	1,272	20.1	3,688	8	3,266	26	389
16 to 19 years	3,877	56.7	3,674	2,855	818	22.3	2,960	4	2,696	4	254
16 to 17 years	1,455	43.7	1,447	1,097	351	24.2	1,874	2	1,776	2	96
18 to 19 years	2,422	69.0	2,227	1,759	468	21.0	1,087	2	920	6	159
20 to 64 years	50,570	89.0	49,247	45,202	4,044	8.2	5,877	128	1,259	919	3,671
20 to 24 years	7,927	86.3	7,382	6,220	1,162	15.5	1,295	10	950	36	290
25 to 54 years	36,100	94.9	35,342	32,794	2,550	7.2	1,937	69	294	403	1,172
25 to 34 years	15,980	95.7	15,685	14,789	1,386	8.9	718	20	241	79	383
35 to 44 years	11,374	96.1	11,143	10,644	499	9.3	862	23	39	127	273
45 to 54 years	8,746	92.3	8,715	8,250	465	5.3	756	26	13	196	519
55 to 64 years	6,544	71.2	6,543	6,189	354	5.4	2,644	49	8	383	2,209
55 to 59 years	4,003	83.3	4,042	3,802	239	5.9	809	26	5	142	595
60 to 64 years	2,501	57.7	2,501	2,387	114	4.6	1,835	23	--	198	1,614
65 years and over	1,690	18.2	1,690	1,628	62	3.6	7,598	128	1	342	7,127
Black and other											
16 years and over	7,588	71.3	7,225	5,947	1,231	18.0	3,057	54	1,045	312	1,646
16 to 21 years	1,063	51.2	894	336	378	41.3	1,043	7	827	13	169
16 to 19 years	545	39.2	493	259	221	46.0	831	7	716	5	103
16 to 17 years	146	22.5	145	83	81	56.2	503	3	456	--	44
18 to 19 years	399	54.3	335	196	139	41.6	328	5	259	5	58
20 to 64 years	6,881	83.3	6,477	5,431	1,046	16.1	1,376	32	329	239	775
20 to 24 years	1,323	78.9	1,124	775	349	31.3	356	--	202	20	135
25 to 54 years	4,926	86.5	4,720	4,089	631	13.4	542	17	124	124	378
25 to 34 years	2,357	89.3	2,203	1,820	383	17.4	284	6	91	39	148
35 to 44 years	1,486	90.1	1,439	1,287	153	10.6	184	7	24	42	91
45 to 54 years	1,082	84.3	1,078	983	95	8.8	195	4	9	43	138
55 to 64 years	633	62.6	633	567	66	10.4	378	17	4	95	262
55 to 59 years	386	70.3	386	341	45	11.7	163	7	2	40	114
60 to 64 years	247	53.4	247	226	21	8.3	215	10	2	55	148
65 years and over	172	16.8	172	157	15	8.8	951	15	--	58	765

A-3. Employment status of the noninstitutional population by sex, age, and race—Continued

(Numbers in thousands)

Sex, age, and race	March 1982										
	Total labor force		Civilian labor force				Not in labor force				
					Unemployed						
	Number	Percent of population	Total	Employed	Number	Percent of labor force	Total	Keeping house	Going to school	Unable to work	Other reasons
FEMALES											
16 years and over	47,211	52.1	47,023	42,939	4,084	8.7	43,414	31,541	4,309	1,118	5,750
16 to 21 years	6,490	52.8	6,421	5,689	1,132	17.6	5,808	1,268	4,100	18	422
16 to 19 years	3,694	46.3	3,667	2,929	738	20.1	4,291	502	3,394	8	283
16 to 17 years	1,404	36.4	1,403	1,095	308	22.0	2,456	145	2,195	1	115
18 to 19 years	2,290	55.5	2,264	1,834	430	19.0	1,835	457	1,199	6	173
20 to 64 years	42,355	62.5	42,198	38,881	3,314	7.9	25,364	21,372	1,504	529	2,260
20 to 24 years	7,418	68.5	7,327	6,433	895	12.2	3,388	2,032	1,002	32	322
25 to 54 years	30,045	66.4	29,975	27,809	2,165	7.2	15,196	13,454	486	266	988
25 to 29 years	7,068	68.3	7,021	6,373	648	9.2	3,203	2,789	202	23	193
30 to 34 years	6,348	67.5	6,331	5,852	479	7.6	3,059	2,744	140	23	153
35 to 39 years	5,186	67.2	5,182	4,843	339	6.5	2,532	2,259	66	39	167
40 to 44 years	4,296	68.4	4,295	4,021	274	6.4	1,986	1,748	39	43	157
45 to 49 years	3,744	66.1	3,743	3,504	239	6.4	1,918	1,715	22	48	133
50 to 54 years	3,403	57.7	3,403	3,216	187	5.5	2,496	2,199	18	89	190
55 to 64 years	4,892	41.9	4,892	4,639	253	5.2	6,780	5,585	15	231	950
55 to 59 years	3,016	49.7	3,016	2,877	139	4.6	3,354	2,594	9	135	347
60 to 64 years	1,876	33.5	1,876	1,762	115	6.1	3,725	2,991	6	126	602
65 years and over	1,162	7.9	1,162	1,129	32	2.8	13,759	9,968	7	582	3,202
65 to 69 years	726	14.8	725	704	22	3.3	4,167	3,200	4	117	845
70 years and over	436	4.3	436	426	10	2.4	9,592	6,768	2	465	2,357
White											
16 years and over	40,624	51.9	40,493	37,402	3,088	7.6	37,597	27,977	3,797	915	4,908
16 to 21 years	5,709	55.9	5,662	4,789	873	15.4	4,503	1,020	3,169	15	300
16 to 19 years	3,291	49.8	3,273	2,686	586	17.9	3,313	480	2,619	7	207
16 to 17 years	1,271	40.3	1,270	1,002	269	21.1	1,910	124	1,696	1	89
18 to 19 years	2,021	59.3	2,002	1,685	318	15.9	1,403	356	923	6	117
20 to 64 years	36,275	62.4	36,163	33,686	2,474	6.8	21,928	18,381	1,171	421	1,855
20 to 24 years	6,387	70.7	6,323	5,690	634	10.0	2,651	1,629	772	22	229
25 to 54 years	25,586	66.1	25,535	23,936	1,629	6.4	13,132	11,715	385	236	796
25 to 34 years	11,328	68.0	11,282	10,486	797	7.1	5,327	4,762	269	39	259
35 to 44 years	8,042	67.1	8,038	7,564	473	5.9	3,942	3,521	83	66	272
45 to 54 years	6,216	61.3	6,215	5,856	359	5.8	3,933	3,432	34	131	266
55 to 64 years	4,302	41.5	4,302	4,090	212	4.9	6,374	5,338	14	193	833
55 to 59 years	2,649	49.5	2,649	2,532	117	4.4	2,736	2,322	8	88	288
60 to 64 years	1,653	32.9	1,653	1,558	95	5.7	3,369	2,715	5	105	542
65 years and over	1,058	7.8	1,053	1,030	28	2.6	12,436	9,116	7	487	2,846
Black and other											
16 years and over	6,587	53.1	6,532	5,537	936	15.2	5,817	3,664	1,107	203	842
16 to 21 years	780	37.8	759	500	259	34.1	1,305	248	931	3	123
16 to 19 years	403	29.2	395	242	152	38.6	978	121	775	1	81
16 to 17 years	133	19.6	133	93	40	29.9	546	21	499	1	25
18 to 19 years	270	38.4	262	149	112	43.0	432	101	276	--	56
20 to 64 years	6,080	63.2	6,038	5,195	840	13.9	3,536	2,691	333	108	405
20 to 24 years	1,031	58.3	1,004	743	261	26.0	737	403	230	10	93
25 to 54 years	4,459	68.1	4,440	3,933	506	12.1	2,393	1,740	101	60	193
25 to 34 years	2,087	69.1	2,069	1,739	330	15.0	935	771	73	7	84
35 to 44 years	1,441	71.4	1,439	1,299	140	9.7	577	486	22	16	52
45 to 54 years	931	61.6	931	865	66	7.1	581	483	6	36	57
55 to 64 years	590	45.6	590	549	41	7.0	735	547	1	37	123
55 to 59 years	367	51.3	367	345	22	5.9	349	271	1	17	59
60 to 64 years	224	38.5	224	204	20	8.9	357	276	--	20	63
65 years and over	104	7.4	104	99	4	4.3	1,303	852	--	95	356

HOUSEHOLD DATA

A-4. Labor force by sex, age, and race

Sex, age, and race	Total labor force				Civilian labor force			
	Thousands of persons		Participation rates		Thousands of persons		Participation rates	
	Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982
MALES								
16 years and over	63,359	63,725	77.1	76.6	61,405	61,733	76.6	76.0
16 to 19 years	4,774	4,412	56.6	53.8	4,494	4,153	55.1	52.3
16 to 17 years	1,786	1,631	43.1	40.3	1,774	1,592	42.9	40.1
18 to 19 years	2,988	2,811	69.6	66.5	2,720	2,561	67.6	64.4
20 to 24 years	9,256	9,250	85.5	84.9	8,514	8,486	84.4	83.7
25 to 54 years	40,202	41,026	94.3	94.1	39,271	40,063	94.1	94.3
25 to 34 years	17,976	18,337	95.1	94.8	17,349	17,688	94.9	94.6
35 to 44 years	12,308	12,860	95.6	95.4	12,040	12,583	95.5	95.3
45 to 54 years	9,918	9,823	91.4	91.2	9,882	9,792	91.3	91.2
55 to 64 years	7,267	7,177	71.7	70.4	7,265	7,176	71.7	70.4
55 to 59 years	4,464	4,429	82.2	82.0	4,463	4,428	82.2	82.0
60 to 64 years	2,803	2,748	59.6	57.3	2,802	2,747	59.6	57.3
65 years and over	1,860	1,861	18.4	18.1	1,863	1,861	18.4	18.1
White								
16 years and over	55,882	56,137	78.0	77.4	54,175	54,610	77.5	76.9
16 to 19 years	4,209	3,877	59.9	56.7	3,994	3,674	58.7	55.4
16 to 17 years	1,627	1,455	47.2	43.7	1,617	1,447	47.1	43.6
18 to 19 years	2,581	2,422	72.1	69.0	2,377	2,227	70.5	67.2
20 to 24 years	7,937	7,927	86.7	86.0	7,388	7,362	85.8	85.0
25 to 54 years	35,428	36,100	95.2	94.9	34,586	35,342	95.1	94.8
25 to 34 years	15,711	15,980	96.0	95.7	15,223	15,485	95.8	95.6
35 to 44 years	10,854	11,374	96.4	96.1	13,631	11,143	96.3	96.0
45 to 54 years	8,863	8,746	92.4	92.0	8,932	8,715	92.3	92.0
55 to 64 years	6,639	6,544	72.7	71.2	6,638	6,543	72.7	71.2
55 to 59 years	4,080	4,043	83.7	83.3	4,079	4,042	83.7	83.3
60 to 64 years	2,559	2,501	60.2	57.7	2,559	2,501	60.2	57.7
65 years and over	1,669	1,693	18.3	18.2	1,669	1,693	18.3	18.2
Black and other								
16 years and over	7,477	7,588	71.3	71.3	7,230	7,128	72.0	73.0
16 to 19 years	565	535	40.0	39.2	500	480	37.1	36.6
16 to 17 years	159	146	22.8	22.5	157	145	22.6	22.3
18 to 19 years	406	389	56.9	54.3	343	335	52.7	50.5
20 to 24 years	1,319	1,323	78.9	78.8	1,126	1,124	76.1	76.0
25 to 54 years	4,773	4,926	88.2	88.5	4,585	4,720	87.7	88.0
25 to 34 years	2,265	2,357	89.2	89.3	2,125	2,203	88.6	88.6
35 to 44 years	1,454	1,436	89.9	90.1	1,410	1,439	89.6	89.9
45 to 54 years	1,055	1,082	83.7	84.8	1,050	1,078	83.7	84.7
55 to 64 years	628	633	62.6	62.6	628	633	62.6	62.6
55 to 59 years	384	386	69.6	70.3	384	386	69.6	70.3
60 to 64 years	244	247	54.0	53.4	244	247	54.0	53.4
65 years and over	191	172	19.3	16.8	191	172	19.3	16.8

A-4. Labor force by sex, age, and race—Continued

Sex, age, and race	Total labor force				Civilian labor force			
	Thousands of persons		Participation rate		Thousands of persons		Participation rate	
	Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982
FEMALES								
16 years and over	46,403	47,211	51.9	52.1	46,229	47,023	51.8	52.0
16 to 19 years	3,974	3,699	48.4	48.3	3,945	3,667	48.2	48.1
16 to 17 years	1,591	1,436	39.6	38.4	1,581	1,403	39.6	38.4
18 to 19 years	2,383	2,293	56.8	55.5	2,364	2,264	56.6	55.2
20 to 24 years	7,324	7,418	68.0	68.6	7,240	7,327	67.8	68.4
25 to 54 years	29,056	30,045	65.6	66.4	28,895	29,975	65.5	66.4
25 to 34 years	12,918	13,415	67.1	68.2	12,862	13,351	67.0	68.1
35 to 44 years	8,935	9,483	66.8	67.7	8,930	9,477	66.7	67.7
45 to 54 years	7,203	7,147	61.8	61.8	7,202	7,146	61.8	61.8
55 to 64 years	4,849	4,892	41.9	41.9	4,849	4,892	41.9	41.9
55 to 59 years	2,995	3,016	49.1	49.7	2,995	3,016	49.1	49.7
60 to 64 years	1,854	1,876	33.9	33.5	1,854	1,876	33.9	33.5
65 years and over	1,201	1,162	8.2	7.9	1,201	1,162	8.2	7.8
White								
16 years and over	39,557	40,624	51.7	51.9	39,833	40,493	51.6	51.9
16 to 19 years	3,546	3,291	51.8	49.8	3,526	3,273	51.6	49.7
16 to 17 years	1,486	1,271	43.1	43.0	1,486	1,270	43.1	39.9
18 to 19 years	2,100	2,021	60.1	59.0	2,380	2,002	59.9	58.8
20 to 24 years	6,387	6,387	70.1	70.7	6,246	6,323	69.9	70.5
25 to 54 years	24,726	25,586	65.2	66.1	24,691	25,535	65.2	66.1
25 to 34 years	10,898	11,328	66.7	68.0	10,957	11,282	66.6	67.9
35 to 44 years	7,593	8,042	66.2	67.1	7,589	8,038	66.2	67.1
45 to 54 years	6,235	6,216	61.6	61.9	6,235	6,215	61.6	61.9
55 to 64 years	4,302	4,302	41.7	41.5	4,302	4,302	41.7	41.5
55 to 59 years	2,652	2,649	48.9	49.5	2,652	2,649	48.9	49.5
60 to 64 years	1,650	1,653	33.6	32.9	1,650	1,653	33.6	32.9
65 years and over	1,076	1,058	8.1	7.8	1,076	1,058	8.1	7.8
Black and other								
16 years and over	6,846	6,587	53.2	53.1	6,398	6,532	53.0	52.9
16 to 19 years	428	403	31.4	29.2	419	395	30.9	28.7
16 to 17 years	145	133	21.8	19.6	145	133	21.8	19.6
18 to 19 years	282	270	40.5	38.4	274	262	39.6	37.7
20 to 24 years	1,017	1,031	57.3	58.3	994	1,004	56.7	57.7
25 to 54 years	4,330	4,459	68.0	68.1	4,314	4,443	67.9	68.0
25 to 34 years	2,020	2,087	69.0	69.1	2,005	2,069	68.9	68.9
35 to 44 years	1,342	1,441	73.2	71.4	1,342	1,439	73.2	71.4
45 to 54 years	967	931	63.2	61.6	967	931	63.2	61.6
55 to 64 years	547	593	43.9	45.6	547	590	43.9	45.6
55 to 59 years	343	367	53.5	51.3	343	367	53.5	51.3
60 to 64 years	204	224	35.9	38.5	204	224	35.9	38.5
65 years and over	125	104	9.1	7.4	125	104	9.1	7.4

A-5. Employment status of black workers by sex and age

(Numbers in thousands)

Sex and age	March 1982						
	Civilian labor force						Not in labor force
	Total	Employed			Unemployed		
		Total	Agriculture	Nonagricultural industries	Number	Percent of labor force	
TOTAL							
16 years and over	11,085	9,962	194	8,969	2,022	10.2	7,195
16 to 19 years	729	393	8	381	339	46.5	1,535
16 to 17 years	229	116	--	115	113	49.3	903
18 to 19 years	500	276	8	265	226	45.2	632
20 to 24 years	1,790	1,232	19	1,213	558	31.2	893
25 to 54 years	7,330	6,313	119	6,194	1,016	13.9	2,175
25 to 34 years	3,492	2,805	33	2,772	687	19.5	952
35 to 44 years	2,276	2,028	47	1,982	247	10.9	532
45 to 54 years	1,612	1,480	39	1,441	132	8.2	650
55 to 64 years	1,009	911	29	882	97	9.7	919
55 to 59 years	611	551	18	533	63	9.9	427
60 to 64 years	397	360	11	349	37	9.3	492
65 years and over	228	216	19	197	12	5.3	1,874
Males							
16 years and over	5,701	4,581	187	4,394	1,119	19.6	2,535
16 to 19 years	404	203	7	196	202	50.0	698
16 to 17 years	118	42	--	42	77	65.3	445
18 to 19 years	286	161	7	152	126	44.1	253
20 to 24 years	938	625	19	607	312	33.3	277
25 to 54 years	3,711	3,175	113	3,062	536	14.4	538
25 to 34 years	1,741	1,407	31	1,376	334	19.2	221
35 to 44 years	1,135	1,008	45	964	126	11.1	129
45 to 54 years	835	759	37	723	75	9.0	168
55 to 64 years	515	453	29	424	61	11.8	331
55 to 59 years	313	272	18	254	41	13.1	144
60 to 64 years	201	181	11	170	20	10.0	188
65 years and over	133	125	18	106	8	6.0	711
Females							
16 years and over	5,384	4,481	7	4,474	903	16.8	4,660
16 to 19 years	324	187	1	187	137	42.1	837
16 to 17 years	111	74	--	74	36	33.0	458
18 to 19 years	214	113	1	113	100	46.9	379
20 to 24 years	852	606	--	606	246	28.9	616
25 to 54 years	3,619	3,138	6	3,132	480	13.3	1,657
25 to 34 years	1,701	1,399	2	1,396	303	17.8	731
35 to 44 years	1,141	1,020	2	1,018	121	10.6	443
45 to 54 years	777	721	2	718	57	7.3	482
55 to 64 years	494	458	--	458	36	7.3	588
55 to 59 years	298	279	--	279	19	6.4	283
60 to 64 years	196	179	--	179	17	8.7	304
65 years and over	95	91	1	91	4	4.4	1,163

A-6. Employment status of the noninstitutional population by race, sex, and age

(Numbers in thousands)

Employment status and race	Total		Males, 20 years and over		Females, 20 years and over		Both sexes, 16-19 years	
	Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982
TOTAL								
Total noninstitutional population	171,581	173,693	73,710	75,315	81,221	82,640	16,650	16,188
Total labor force	104,762	110,936	58,585	59,833	42,429	43,517	8,748	8,106
Percent of population	61.0	63.8	79.5	79.1	52.2	52.7	52.5	50.1
Civilian labor force	137,634	105,761	56,911	57,585	42,294	43,356	8,439	7,820
Employed	93,364	99,471	53,030	52,419	39,567	40,010	6,766	5,043
Agriculture	2,953	2,964	2,171	2,194	504	525	276	245
Nonagricultural industries	95,413	95,507	50,857	50,224	39,063	39,485	6,490	5,798
Unemployed	8,271	10,293	3,881	5,167	2,717	3,346	1,673	1,777
Percent of labor force	7.7	9.5	6.8	8.3	6.4	7.7	19.8	22.7
Not in labor force	61,819	62,906	15,125	15,702	38,792	39,123	7,902	8,382
White								
Total noninstitutional population	148,968	150,793	64,031	65,735	70,492	71,617	13,875	13,441
Total labor force	95,839	98,762	51,673	52,260	36,410	37,333	7,755	7,168
Percent of population	64.3	64.2	80.0	79.5	51.7	52.1	55.9	53.3
Civilian labor force	99,206	95,101	50,362	50,937	36,334	37,218	7,520	6,946
Employed	87,755	87,088	47,265	46,830	34,336	34,716	6,184	5,542
Agriculture	2,705	2,733	1,968	1,963	474	503	263	232
Nonagricultural industries	85,050	84,385	45,297	44,867	33,332	34,212	5,921	5,310
Unemployed	6,451	8,013	3,117	4,106	1,998	2,502	1,336	1,405
Percent of labor force	6.8	8.4	6.2	8.1	5.5	6.7	17.8	20.2
Not in labor force	53,129	54,032	12,958	13,475	34,082	34,284	6,119	6,273
Black and other								
Total noninstitutional population	22,613	23,049	9,079	9,293	10,738	11,023	2,776	2,746
Total labor force	13,923	14,175	6,911	7,053	6,019	6,184	993	937
Percent of population	61.6	61.5	76.1	76.3	55.9	56.1	35.8	34.1
Civilian labor force	13,428	13,661	6,550	6,649	5,980	6,138	919	874
Employed	11,609	11,383	5,765	5,588	5,261	5,294	583	501
Agriculture	248	261	205	227	33	21	13	13
Nonagricultural industries	11,361	11,122	5,560	5,361	5,231	5,273	569	488
Unemployed	1,820	2,277	785	1,061	719	844	337	373
Percent of labor force	13.6	16.7	11.7	16.3	12.0	13.7	36.6	42.7
Not in labor force	8,690	8,874	2,167	2,227	4,740	4,839	1,782	1,909

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A-7. Employment status of the noninstitutional population 16 to 21 years of age by major activity, sex, and race

(Numbers in thousands)

Employment status and major activity	March 1982								
	Total			White			Black and other		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
TOTAL									
Total noninstitutional population	24,881	12,583	12,298	20,733	10,516	10,218	4,161	2,075	2,085
Total labor force	14,382	7,892	6,490	12,539	6,833	5,739	1,843	1,063	780
Percent of population	57.8	62.7	52.8	60.5	64.9	55.9	64.3	51.2	37.4
Civilian labor force	13,682	7,259	6,421	12,037	6,345	5,662	1,673	914	759
Employed	10,898	5,639	5,259	9,852	5,073	4,789	1,036	536	500
Agriculture	379	325	54	335	302	53	23	22	1
Nonagricultural industries	10,519	5,294	5,225	9,535	4,772	4,735	1,013	514	499
Unemployed	2,782	1,653	1,132	2,185	1,272	873	637	378	259
Looking for full-time work	1,833	1,139	699	1,430	865	535	403	269	165
Looking for part-time work	948	516	433	745	407	338	203	109	94
Percent of labor force	20.3	22.7	17.6	17.9	23.1	15.4	38.1	41.3	34.1
Not in labor force	10,539	4,701	5,808	8,191	3,688	4,503	2,318	1,013	1,305
Major activity: going to school									
Civilian labor force	4,180	2,127	2,053	3,723	1,895	1,829	457	233	224
Employed	3,223	1,567	1,656	2,974	1,468	1,507	248	99	149
Agriculture	123	104	18	122	103	18	1	1	--
Nonagricultural industries	3,100	1,462	1,638	2,853	1,364	1,488	247	98	149
Unemployed	957	561	407	749	427	322	210	133	85
Looking for full-time work	154	95	59	139	93	46	46	35	12
Looking for part-time work	513	466	348	641	367	274	172	99	73
Percent of labor force	23.1	26.4	19.7	20.1	22.5	17.6	46.0	57.4	38.1
Not in labor force	4,193	4,093	4,100	3,445	3,266	3,169	1,758	827	931
Major activity: other									
Civilian labor force	9,483	5,131	4,359	8,284	4,450	3,833	1,206	681	525
Employed	7,675	4,042	3,633	6,887	3,605	3,282	788	437	351
Agriculture	256	220	36	238	199	35	22	21	1
Nonagricultural industries	7,419	3,821	3,598	6,633	3,406	3,247	766	415	350
Unemployed	1,808	1,089	725	1,396	845	551	418	244	174
Looking for full-time work	1,679	1,039	640	1,292	805	487	387	234	153
Looking for part-time work	145	53	85	134	40	94	31	10	21
Percent of labor force	19.1	21.2	16.6	16.9	19.0	14.4	34.7	35.8	33.1
Not in labor force	2,315	698	1,738	1,756	422	1,334	560	186	374

A-8. Full- and part-time status of the civilian labor force by sex, age, and race

(Numbers in thousands)

Sex, age, and race	March 1982								
	Full time labor force					Part time labor force			
	Total	Employed		Unemployed (looking for full time work)		Total	Employed on voluntary part time[1]	Unemployed (looking for part time work)	
		Full time schedules[1]	Part time for economic reasons	Number	Percent of full time labor force			Number	Percent of part time labor force
TOTAL									
Both sexes, 16 years and over	92,389	77,903	5,749	8,651	9.4	16,481	14,822	1,639	10.0
16 to 21 years	8,018	5,115	1,088	1,833	22.9	5,682	4,734	948	16.7
16 to 19 years	3,486	1,934	695	972	27.9	4,335	3,530	805	18.6	
16 to 17 years	542	215	119	207	38.2	2,456	1,920	534	21.7
18 to 19 years	2,944	1,693	486	766	26.3	1,881	1,610	271	14.4
20 years and over	68,815	65,992	5,145	7,678	8.5	12,126	11,292	834	6.9
20 to 24 years	13,264	10,089	1,036	2,140	15.1	2,549	2,303	245	9.6
25 years and over	75,550	65,933	4,108	5,539	7.3	9,578	8,990	589	6.1
25 to 54 years	63,442	55,149	3,392	4,901	7.7	6,595	6,150	445	6.7
55 years and over	12,108	10,784	716	638	5.3	2,983	2,839	144	4.8
Males, 16 years and over	50,445	48,242	2,726	5,477	9.7	5,294	4,565	729	13.8
16 to 21 years	4,534	2,871	529	1,134	25.0	2,724	2,208	516	18.9
16 to 19 years	1,981	1,085	303	594	30.0	2,172	1,727	445	20.5
20 years and over	45,911	45,157	2,423	4,883	9.9	3,122	2,838	284	9.1
20 to 24 years	7,487	5,579	521	1,386	18.5	999	895	104	10.4
25 years and over	38,977	39,577	1,902	3,497	7.9	2,123	1,944	180	8.5
25 to 54 years	30,154	34,519	1,558	3,076	7.9	939	805	134	11.4
55 years and over	7,823	7,058	343	421	5.4	1,214	1,139	76	6.3
Females, 16 years and over	35,856	29,658	3,023	3,174	8.9	11,187	10,257	910	8.2
16 to 21 years	3,483	2,245	539	699	20.1	2,930	2,505	433	14.7
16 to 19 years	1,504	824	332	379	25.2	2,183	1,803	360	16.6
20 years and over	34,351	28,835	2,721	2,795	8.1	9,004	8,454	551	6.1
20 to 24 years	5,778	4,509	515	753	13.3	1,550	1,408	141	9.1
25 years and over	28,573	24,325	2,207	2,042	7.1	7,455	7,046	409	5.5
25 to 54 years	20,288	20,629	1,633	1,825	8.5	5,686	5,346	340	6.0
55 years and over	4,285	3,696	373	217	5.1	1,769	1,700	69	3.9
White									
Both sexes, 16 years and over	79,834	68,293	4,259	6,343	8.7	9,718	9,137	581	12.3
16 to 21 years	6,895	4,604	921	965	22.2	2,650	2,044	607	16.6
16 to 19 years	3,709	999	450	930	26.9	1,965	1,606	359	18.3
20 years and over	72,939	63,689	3,339	5,378	8.1	2,753	2,533	222	8.1
20 to 24 years	11,883	8,291	1,084	1,963	15.4	877	798	79	9.0
25 years and over	61,056	55,398	2,255	3,414	6.6	1,877	1,733	144	7.7
25 to 54 years	48,698	37,488	1,595	2,822	7.1	767	684	83	10.8
55 years and over	34,575	33,812	1,297	2,466	5.3	1,113	1,049	60	5.4
	7,123	6,471	298	155					
Males, 16 years and over	39,322	35,454	2,519	4,349	7.7	13,168	9,429	739	7.3
16 to 21 years	3,832	2,834	463	535	17.3	2,610	2,291	338	12.9
16 to 19 years	1,928	773	284	294	22.1	1,945	1,653	292	15.0
20 years and over	35,490	32,620	2,055	3,814	7.1	8,223	7,776	447	5.4
20 to 24 years	6,972	5,992	438	542	10.3	1,351	1,260	92	6.8
25 years and over	28,523	26,628	1,616	1,518	6.3	6,872	6,516	356	5.2
25 to 54 years	20,249	17,393	1,525	1,330	6.5	5,286	4,987	293	5.7
55 years and over	3,774	3,249	292	183	4.8	1,586	1,529	57	3.6
Black and other									
Both sexes, 16 years and over	9,552	8,951	487	1,114	17.3	576	428	148	25.7
16 to 21 years	940	263	138	269	42.0	274	165	109	19.8
16 to 19 years	474	85	53	134	49.2	257	121	87	41.8
20 years and over	8,280	8,088	414	1,033	15.9	169	107	61	16.6
20 to 24 years	1,981	1,571	107	323	32.4	122	97	25	20.7
25 years and over	6,279	6,294	308	675	12.8	246	211	36	14.6
25 to 54 years	4,579	4,707	261	610	13.3	162	141	21	14.8
55 years and over	699	587	47	66	9.4	104	90	15	14.9
Females, 16 years and over	5,583	4,204	534	825	14.9	999	828	171	17.1
16 to 21 years	451	213	76	165	36.5	308	218	99	32.6
16 to 19 years	177	54	38	85	48.1	218	151	67	30.9
20 years and over	5,357	4,153	467	740	13.8	783	677	103	13.2
20 to 24 years	835	518	77	211	25.2	198	149	52	25.2
25 years and over	4,551	3,633	390	530	11.6	582	529	58	9.3
25 to 54 years	4,039	3,236	339	495	12.3	430	358	72	10.5
55 years and over	511	397	51	34	6.7	192	171	12	6.6

1. Employed persons with a job but not at work are distributed proportionately among the full- and part-time employed categories.

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A-9. Employment status of the noninstitutional population by family relationship

[Numbers in thousands]

Family relationship	March 1982									
	Civilian labor force					Not in labor force				
	Total	Percent of population	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
				Number	Percent of labor force					
Total, 16 years and over	108,761	63.4	98,471	10,290	9.5	62,906	31,956	9,904	2,599	18,447
Husbands	39,498	79.9	37,009	2,488	6.3	9,911	114	230	867	8,700
With employed wife	21,817	91.7	20,576	1,241	5.7	1,988	44	130	291	1,523
With unemployed wife	1,582	94.0	1,260	322	20.3	101	–	2	25	74
With wife not in labor force	16,099	67.3	15,173	926	5.8	7,823	71	98	551	7,102
Wives	25,487	51.6	23,805	1,683	6.6	23,922	21,223	327	309	2,062
With employed husband	21,836	59.0	20,576	1,260	5.8	15,173	14,000	279	91	803
With husband not in labor force	1,562	62.8	1,241	322	20.6	926	859	9	10	48
Relatives in married-couple families	2,089	21.1	1,988	101	4.8	7,823	6,364	39	208	1,211
16 to 19 years	12,909	58.8	10,658	2,251	17.4	9,038	930	6,410	261	1,436
20 to 24 years	5,197	48.5	4,148	1,049	20.2	5,521	170	4,983	11	358
25 years and over	4,078	73.6	4,205	774	15.5	1,790	148	1,304	38	300
Females who maintain families	2,733	61.3	2,305	429	15.7	1,726	613	123	214	778
Relatives in families maintained by females	5,658	60.1	5,064	595	10.5	3,733	2,869	150	152	563
16 to 19 years	4,630	55.1	3,388	1,242	26.8	3,736	793	1,755	235	953
20 to 24 years	1,334	43.8	899	435	32.6	1,715	102	1,392	6	215
25 years and over	1,541	71.5	1,088	453	29.4	615	124	300	32	158
Males who maintain families	1,755	55.5	1,401	354	20.2	1,406	567	63	196	580
Relatives in families maintained by males	1,804	77.5	1,624	180	10.0	523	30	22	55	415
16 to 19 years	1,462	56.8	1,198	264	18.1	1,112	471	302	75	265
20 to 24 years	319	54.4	233	86	27.0	268	26	221	1	20
25 years and over	431	74.0	333	98	22.8	152	52	68	3	30
Persons living alone	711	50.6	631	80	11.3	693	394	13	72	216
Males	10,729	54.2	9,926	803	7.5	9,066	4,901	216	488	3,461
Females	5,607	72.3	5,091	517	9.2	2,149	99	137	195	1,717
All others[1]	5,121	42.5	4,835	286	5.6	6,918	4,802	78	294	1,744
	6,583	77.9	5,799	784	11.9	1,865	625	492	157	592

[1] The majority of these persons are living with nonrelatives. Also included are persons in married-couple families where the husband is in the Armed Forces, persons in secondary families, and some whose family status is unknown.

A-10. Unemployed persons by marital status, race, age, and sex

Marital status, race, and age	Males				Females			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982
Total, 16 years and over	4,828	6,206	7.9	10.1	3,443	4,084	7.4	8.7
Married, spouse present	1,993	2,634	4.9	6.5	1,459	1,773	5.7	6.9
Widowed, divorced, or separated	473	713	8.8	12.7	689	855	7.5	9.4
Single (never married)	2,365	2,858	15.5	18.3	1,295	1,456	11.2	12.3
White, 16 years and over	3,895	4,924	7.2	9.3	2,556	3,089	6.4	7.6
Married, spouse present	1,698	2,254	4.5	5.1	1,222	1,478	5.3	6.4
Widowed, divorced, or separated	365	531	8.3	11.5	476	628	6.5	8.3
Single (never married)	1,832	2,139	14.3	16.1	859	982	8.9	10.0
Black and other, 16 years and over	933	1,281	13.3	18.3	887	996	13.9	15.2
Married, spouse present	293	380	7.5	9.9	238	295	8.8	10.6
Widowed, divorced, or separated	108	182	11.1	18.5	213	227	11.5	12.9
Single (never married)	533	719	24.1	31.1	436	474	23.4	24.0
Total, 20 to 64 years of age	3,825	5,090	6.9	9.1	2,670	3,314	6.5	7.9
Married, spouse present	1,916	2,542	4.9	6.5	1,374	1,685	5.5	6.7
Widowed, divorced, or separated	450	685	9.0	12.8	638	815	7.6	9.4
Single (never married)	1,459	1,862	13.3	15.1	657	813	8.3	9.7
White, 20 to 64 years of age	3,077	4,044	6.3	8.2	1,955	2,474	5.5	6.8
Married, spouse present	1,644	2,175	4.7	5.2	1,146	1,401	5.2	6.3
Widowed, divorced, or separated	353	508	8.5	11.5	435	590	6.5	8.4
Single (never married)	1,080	1,363	11.7	14.0	374	483	5.8	7.1
Black and other, 20 to 64 years of age	749	1,046	11.3	15.1	715	840	12.2	13.9
Married, spouse present	273	368	7.4	9.9	228	284	8.7	10.3
Widowed, divorced, or separated	106	179	11.4	19.1	203	225	11.5	13.3
Single (never married)	370	499	21.4	27.3	284	330	19.4	20.7

A-11. Unemployed persons by occupation and sex

Occupation	Thousands of persons		Unemployment rates					
			Total		Males		Females	
	Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982
Total, 16 years and over	8,271	10,290	7.7	9.5	7.9	10.1	7.4	8.7
White collar workers	2,079	2,577	3.8	4.6	2.7	3.8	4.5	5.4
Professional and technical	370	466	2.2	2.7	1.9	2.7	2.5	2.6
Managers and administrators, except farm	332	379	2.7	3.2	2.2	3.1	4.2	3.7
Sales workers	256	392	4.1	5.7	3.5	4.6	4.8	6.9
Clerical workers	1,111	1,340	5.5	6.9	5.3	7.1	5.7	6.8
Blue collar workers	3,901	5,060	11.4	14.7	11.1	14.4	12.8	15.7
Craft and kindred workers	1,223	1,547	8.9	11.3	9.1	11.4	6.9	8.6
Carpenters and other construction craft workers	612	810	14.7	19.4	14.8	19.4	(1)	(1)
All other	611	737	6.4	7.7	6.4	7.7	6.9	7.8
Operatives, except transport	1,449	1,951	12.3	15.7	11.2	16.2	14.0	17.5
Transport equipment operatives	411	466	10.8	12.3	11.3	12.8	6.0	7.2
Nonfarm laborers	818	1,096	16.5	20.6	16.8	21.1	14.5	17.1
Construction laborers	293	324	30.5	33.2	30.0	32.7	(1)	(1)
All other	538	772	13.3	17.8	13.3	18.2	13.3	15.3
Service workers	1,233	1,504	8.2	10.0	8.5	11.2	8.0	9.2
Private household	47	73	4.1	6.5	(1)	(1)	4.1	6.6
All other	1,156	1,431	8.5	10.3	8.5	11.3	8.5	9.6
Farm workers	180	186	6.9	7.1	5.9	5.7	11.6	14.1
No previous work experience	907	963	--	--	--	--	--	--
16 to 19 years	663	698	--	--	--	--	--	--
20 to 24 years	147	182	--	--	--	--	--	--
25 years and over	97	84	--	--	--	--	--	--

[1] Percent not shown where base is less than 75,000.

A-12. Unemployed persons by industry and sex

Industry	Percent distribution		Unemployment rates					
			Total		Males		Females	
	Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982
Total, 16 years and over	100.0	100.0	7.7	9.5	7.9	10.1	7.4	8.7
Nonagricultural private wage and salary workers	76.1	78.4	8.3	10.1	8.3	10.9	7.5	9.0
Mining	.7	1.2	5.3	10.8	5.9	11.5	1.7	6.3
Construction	12.1	11.9	20.2	24.1	20.7	24.8	11.7	15.9
Manufacturing	24.4	25.2	8.7	11.4	7.6	10.5	10.8	13.2
Durable goods	14.6	15.1	8.5	11.5	8.0	10.8	10.3	13.3
Lumber and wood products	1.3	1.5	12.5	21.4	13.3	19.9	9.9	29.3
Furniture and fixtures	.6	.7	8.5	15.2	8.2	16.3	9.4	12.7
Stone, clay, and glass products	.9	.7	10.5	12.1	9.6	11.7	14.7	13.4
Primary metal industries	1.3	1.4	6.6	12.6	6.7	12.5	6.2	13.7
Fabricated metal products	2.3	1.8	10.2	11.2	10.4	10.3	9.8	13.9
Machinery, except electrical equipment	2.2	2.6	5.1	9.1	5.7	8.9	7.7	9.8
Electrical equipment	2.1	2.0	6.8	8.1	4.3	6.5	10.2	10.3
Transportation equipment	3.4	2.9	12.4	13.9	11.9	12.9	14.8	18.2
Automobiles	2.6	1.9	17.5	18.4	16.4	15.7	23.4	31.2
Other transportation equipment	.8	1.0	6.4	9.4	6.4	10.2	6.3	5.2
Instruments and related products	.6	.7	6.7	10.1	4.8	7.2	9.6	13.9
Other durable goods industries	.9	.9	9.2	12.6	7.1	8.5	12.3	17.8
Nondurable goods	9.8	10.1	8.9	11.4	7.0	10.1	11.3	13.2
Food and kindred products	2.5	2.4	10.5	13.2	8.3	12.5	15.5	15.3
Textile mill products	1.1	1.1	11.2	13.6	10.7	14.9	11.6	12.5
Apparel and other textile products	1.9	2.0	10.9	15.3	10.0	12.7	11.1	16.0
Paper and allied products	.6	.5	6.9	7.5	4.9	6.0	12.2	11.2
Printing and publishing	1.2	1.1	6.1	6.7	3.8	7.7	8.0	5.3
Chemicals and allied products	.9	1.0	5.1	8.3	4.4	6.7	6.9	12.7
Rubber and plastics products	.9	1.0	10.3	13.9	10.1	11.8	11.8	16.9
Other nondurable goods industries	.8	.9	10.9	14.4	7.8	12.9	15.4	16.7
Transportation and public utilities	4.5	3.4	5.7	5.2	7.6	6.8	4.4	4.7
Railroads and railway express	.6	.5	8.1	10.8	8.8	11.5	(1)	(1)
Other transportation	3.3	2.4	10.2	9.0	10.9	9.6	8.1	7.2
Communication and other public utilities	.7	.6	2.9	2.3	2.6	1.9	2.2	3.1
Wholesale and retail trade	18.1	20.2	7.7	10.3	6.9	10.1	8.5	10.5
Finance, insurance, and real estate	2.4	2.4	3.4	4.2	3.0	3.7	3.6	4.5
Service industries	13.7	14.0	6.1	7.4	6.3	8.5	6.0	6.7
Professional services	5.4	5.4	4.3	4.8	2.8	4.5	4.5	4.9
All other service industries	8.3	8.7	9.2	11.1	9.7	11.9	8.7	10.3
Agricultural wage and salary workers	2.7	2.6	15.7	18.0	14.0	16.6	21.8	23.1
All other classes of workers	10.2	9.6	3.2	3.8	3.1	4.0	3.4	3.5
No previous work experience	11.0	9.4	--	--	--	--	--	--

[1] Percent not shown where base is less than 75,000.

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A-13. Unemployed persons by reason for unemployment, sex, age, and race

Reason for unemployment	Total unemployed		Males, 20 years and over		Females, 20 years and over		Both sexes, 16 to 19 years		White		Black and other	
	Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982
NUMBER OF UNEMPLOYED												
Total unemployed, in thousands	8,271	10,293	3,881	5,167	2,717	3,345	1,673	1,777	6,455	8,053	1,823	2,277
Job losers	4,442	6,246	2,763	3,991	1,246	1,781	434	475	3,609	5,093	847	1,245
On layoff	1,620	2,435	1,077	1,525	428	521	115	103	1,400	1,889	220	352
Other job losers	2,822	3,808	1,713	2,466	818	1,153	291	372	2,209	3,111	622	891
Job leavers	859	843	348	375	377	393	134	141	707	665	153	174
Reentrants	2,664	2,242	644	721	933	1,373	471	471	1,675	1,651	599	581
New entrants	935	962	181	130	143	165	551	587	570	675	246	245
PERCENT DISTRIBUTION												
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers	53.7	60.7	71.2	77.2	45.9	53.2	24.2	26.7	55.9	62.4	46.5	54.7
On layoff	19.6	23.7	27.7	29.5	15.8	15.6	6.9	5.8	21.7	23.5	12.1	15.5
Other job losers	34.1	37.0	44.1	47.7	30.1	34.4	17.4	20.9	34.1	38.9	34.4	39.4
Job leavers	10.4	8.2	9.0	7.3	13.9	11.7	8.0	7.9	11.0	8.3	8.4	7.6
Reentrants	32.0	21.8	16.6	14.0	34.3	41.0	28.2	26.5	26.0	20.5	32.8	25.5
New entrants	11.3	9.3	4.6	2.5	5.3	4.9	32.9	33.0	8.8	8.4	13.4	10.8
UNEMPLOYMENT RATE												
Total unemployment rate	7.7	9.5	6.8	9.0	6.4	7.7	19.0	22.7	6.9	8.4	13.8	15.7
Job loser rate	4.1	5.8	4.9	6.9	2.9	4.1	4.9	6.1	3.8	5.3	6.2	8.6
Job leaver rate	.8	.8	.6	.7	.9	.9	1.5	1.7	.8	.7	1.1	1.2
Reentrant rate	1.9	2.1	1.1	1.2	2.2	2.9	5.3	6.0	1.5	1.7	4.4	4.0
New entrant rate	.8	.8	.2	.2	.3	.4	7.4	8.9	.7	.7	1.8	2.1

1. Unemployment rates are calculated as a percent of the civilian labor force.

A-14. Unemployed persons by reason for unemployment, sex, age, and duration of unemployment

(Percent distribution)

Reason, sex, and age	March 1982						
	Total unemployed		Duration of unemployment				
	Thousands of persons	Percent	Less than 5 weeks	5 to 14 weeks	15 weeks and over		
					Total	15 to 26 weeks	27 weeks and over
Total, 16 years and over	10,293	100.0	33.9	32.8	33.3	19.0	14.3
Job losers	6,246	100.0	29.2	33.5	37.3	23.1	15.1
On layoff	2,435	100.0	35.7	34.6	29.7	22.3	7.4
Other job losers	3,808	100.0	24.9	32.9	42.3	23.8	19.4
Job leavers	843	100.0	37.3	33.8	28.9	15.1	13.8
Reentrants	2,242	100.0	44.2	33.7	22.4	12.2	10.2
New entrants	962	100.0	44.2	33.8	21.9	12.7	10.2
Males, 20 years and over	5,167	100.0	26.8	33.5	39.7	22.7	17.0
Job losers	3,991	100.0	26.1	32.9	41.0	24.7	16.3
On layoff	1,525	100.0	34.2	33.3	32.5	24.8	7.8
Other job losers	2,466	100.0	21.2	32.7	46.1	24.7	21.4
Job leavers	375	100.0	24.3	33.7	41.4	17.4	24.0
Reentrants	721	100.0	33.0	36.5	30.5	13.7	16.8
New entrants	130	100.0	35.6	34.2	47.2	29.6	23.6
Females, 20 years and over	3,345	100.0	34.2	32.5	29.8	16.6	12.7
Job losers	1,781	100.0	31.5	33.3	35.2	20.8	14.7
On layoff	521	100.0	38.4	34.4	25.7	18.2	7.5
Other job losers	1,153	100.0	27.2	32.9	40.4	21.6	18.7
Job leavers	393	100.0	44.9	34.3	21.3	13.2	10.6
Reentrants	1,373	100.0	46.5	31.0	22.6	12.4	10.2
New entrants	165	100.0	41.7	32.6	25.7	14.3	11.4
Both sexes, 16 to 19 years	1,777	100.0	45.4	31.5	22.2	12.4	9.9
Job losers	475	100.0	33.4	33.7	26.9	17.8	9.0
On layoff	103	100.0	33.5	53.1	12.4	10.2	2.2
Other job losers	372	100.0	32.8	26.3	40.9	22.5	18.3
Job leavers	135	100.0	53.8	34.1	11.7	5.2	6.5
Reentrants	471	100.0	54.5	25.1	19.4	9.5	9.9
New entrants	597	100.0	48.4	29.8	20.9	10.4	12.4

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A-15. Unemployed jobseekers by sex, age, race, and jobsearch methods used

Sex, age, and race	March 1982								
	Thousands of persons		Methods used as a percent of total jobseekers						Average number of methods used
	Total unemployed	Total jobseekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives	Other	
Total, 16 years and over	10,290	7,927	24.2	5.4	77.3	36.8	16.2	4.9	1.67
16 to 19 years	1,777	1,066	16.1	2.4	83.2	27.7	16.4	3.0	1.49
20 to 24 years	2,385	1,939	27.0	5.3	76.1	35.5	17.0	3.6	1.65
25 to 34 years	2,896	2,385	29.2	7.0	74.9	43.5	21.5	4.9	1.80
35 to 44 years	1,965	1,827	28.5	8.6	77.9	41.5	17.3	5.4	1.75
45 to 54 years	985	885	25.0	5.5	74.0	37.2	17.5	7.6	1.67
55 to 64 years	673	679	19.2	6.5	72.7	36.1	16.2	11.1	1.64
65 years and over	109	81	17.3	4.9	70.4	19.8	16.0	8.6	1.36
Men, 16 years and over	6,206	4,539	26.1	5.5	78.2	38.4	19.3	5.0	1.69
16 to 19 years	1,039	654	18.3	2.7	80.7	27.5	17.1	3.6	1.53
20 to 24 years	1,490	1,139	30.7	5.4	77.7	33.5	18.4	3.5	1.69
25 to 34 years	1,769	1,378	29.4	6.3	78.7	42.6	22.6	5.0	1.84
35 to 44 years	852	740	29.8	8.3	79.6	38.9	19.8	6.3	1.83
45 to 54 years	560	372	24.6	5.4	78.6	33.0	18.6	12.2	1.69
55 to 64 years	424	249	18.8	5.5	75.1	29.1	18.3	15.2	1.60
65 years and over	77	59	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Women, 16 years and over	4,084	3,387	21.8	5.4	75.5	33.9	18.7	5.5	1.63
16 to 19 years	738	739	13.3	2.0	85.7	28.2	15.5	2.3	1.49
20 to 24 years	895	799	21.5	5.2	73.7	38.5	16.8	3.9	1.58
25 to 34 years	1,127	936	25.9	7.8	72.3	44.8	20.4	4.4	1.75
35 to 44 years	613	486	26.9	8.5	75.9	44.4	16.6	4.3	1.67
45 to 54 years	425	315	25.4	5.7	68.3	45.7	16.2	2.2	1.63
55 to 64 years	253	193	23.7	7.9	69.4	49.8	17.9	4.7	1.69
65 years and over	32	22	(1)	(1)	(1)	(1)	(1)	(1)	(1)
White, 16 years and over	8,013	6,039	22.8	5.2	77.6	35.9	15.3	4.9	1.65
Men	4,924	3,497	25.0	5.2	78.6	36.1	19.2	5.0	1.72
Women	3,088	2,543	19.9	5.2	75.3	42.7	17.0	3.5	1.64
Black and other, 16 years and over	2,277	1,918	29.1	6.0	75.3	33.2	18.0	4.8	1.63
Men	1,281	1,034	29.7	6.2	75.9	29.6	19.7	5.9	1.66
Women	996	884	28.5	5.9	76.2	32.1	16.8	3.5	1.60

(1) Percent not shown where base is less than 75,000.

NOTE: The jobseekers total is less than the total unemployed because persons on layoff or waiting to begin a new wage and salary job within 30 days are not actually seeking jobs. It should also be noted that the percents using each method will always total more than 100 because many jobseekers use more than one method.

A-16. Unemployed jobseekers by sex, reason for unemployment, and jobsearch methods used

Sex and reason	March 1982								
	Thousands of persons		Methods used as a percent of total jobseekers						Average number of methods used
	Total unemployed	Total jobseekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives	Other	
Total, 16 years and over	10,290	7,927	24.2	5.4	77.3	36.8	16.2	4.9	1.67
Job losers	5,246	3,988	23.4	5.9	77.3	38.1	21.1	5.5	1.75
Job leavers	840	831	20.3	5.3	75.5	44.0	16.2	2.4	1.67
Reentrants	3,296	2,347	29.0	5.2	78.2	37.5	14.9	5.4	1.58
New entrants	902	759	13.1	3.1	79.5	23.9	13.6	3.7	1.37
Men, 16 years and over	6,206	4,539	26.1	5.5	78.2	38.4	19.3	5.0	1.69
Job losers	3,342	2,734	30.9	6.3	77.9	39.8	21.2	5.8	1.75
Job leavers	449	441	19.6	2.5	78.7	44.2	16.0	2.5	1.66
Reentrants	967	719	23.5	5.5	77.4	34.4	16.2	5.2	1.62
New entrants	488	430	18.1	3.9	79.7	23.3	15.2	4.5	1.48
Women, 16 years and over	4,084	3,387	21.8	5.4	75.5	33.9	16.7	5.1	1.63
Job losers	1,924	1,297	29.6	5.8	75.8	43.1	20.8	5.9	1.78
Job leavers	391	390	20.3	9.0	73.8	48.8	17.2	2.3	1.67
Reentrants	1,275	1,225	17.9	4.8	79.7	39.9	13.9	4.6	1.55
New entrants	494	472	12.9	4.3	79.9	23.6	12.6	3.9	1.35

NOTE: See note, table A-15.

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A-17. Unemployed persons by duration of unemployment

Duration of unemployment	Total				Full-time workers			
	Thousands of persons		Percent distribution		Thousands of persons		Percent distribution	
	Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982
Total, 16 years and over	8,271	10,290	100.0	100.0	6,741	8,651	100.0	100.0
Less than 5 weeks	2,987	3,485	36.1	33.9	2,359	2,658	32.0	30.7
5 to 14 weeks	2,646	3,377	32.0	32.8	2,199	2,853	32.6	32.9
5 to 10 weeks	1,743	2,125	21.1	20.7	1,439	1,763	20.9	20.4
11 to 14 weeks	903	1,253	10.9	12.2	733	1,087	11.7	12.6
15 weeks and over	2,637	3,427	31.9	33.3	2,384	3,183	35.4	36.8
15 to 26 weeks	1,311	1,951	15.9	19.0	1,167	1,779	17.3	20.6
27 weeks and over	1,326	1,476	16.0	14.3	1,217	1,364	18.1	15.8
27 to 51 weeks	713	821	8.6	8.0	552	755	9.7	8.7
52 weeks and over	614	655	7.4	6.4	565	609	8.4	7.0
Average (mean) duration, in weeks	15.1	15.1	--	--	15.4	16.2	--	--
Median duration, in weeks	8.9	9.6	--	--	10.1	10.7	--	--

A-18. Unemployed persons by sex, age, race, marital status, and duration of unemployment

Sex, age, race, and marital status	Thousands of persons					Average (mean) duration in weeks	Median duration in weeks	Less than 5 weeks as a percent of unemployed in group		15 weeks and over as a percent of unemployed in group	
	Total	Less than 5 weeks	5 to 14 weeks	15 to 26 weeks	27 weeks and over						
	March 1982							Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982
Total, 16 years and over	10,290	3,485	3,377	1,951	1,476	15.1	9.6	36.1	33.9	31.9	33.3
16 to 21 years	2,782	1,165	892	404	321	12.4	7.1	43.2	41.9	23.6	26.1
16 to 19 years	1,777	825	559	220	174	11.0	5.9	48.1	46.4	22.2	22.2
20 to 24 years	2,385	792	826	473	325	14.8	10.3	37.6	33.2	29.9	33.5
25 to 34 years	2,896	913	954	630	399	15.9	10.4	32.8	31.5	34.7	35.5
35 to 44 years	1,465	486	443	293	253	16.3	10.2	32.1	33.2	38.1	36.9
45 to 54 years	985	292	333	193	160	17.2	10.6	29.0	29.6	40.7	37.6
55 to 64 years	673	199	222	133	129	19.2	10.9	31.0	28.1	37.3	39.3
65 years and over	109	29	41	22	17	17.3	11.4	34.0	27.0	33.2	35.2
Males, 16 years and over	6,206	1,838	2,068	1,316	982	16.5	11.3	30.8	29.6	37.0	37.1
16 to 21 years	1,650	618	562	267	202	13.2	8.3	38.4	37.5	27.1	28.5
16 to 19 years	1,039	454	337	144	105	11.3	6.5	43.2	43.7	26.2	23.9
20 to 24 years	1,490	399	527	351	214	16.2	11.8	31.2	26.7	32.7	37.4
25 to 34 years	1,769	496	602	425	275	17.2	11.6	27.8	26.8	39.7	39.6
35 to 44 years	852	250	254	176	172	18.4	11.9	28.6	29.4	43.8	40.8
45 to 54 years	560	148	178	115	118	19.1	12.4	21.4	26.5	51.0	41.7
55 to 64 years	420	102	137	92	88	19.4	12.7	27.1	24.4	43.8	43.1
65 years and over	77	18	33	15	10	17.3	12.1	(1)	23.6	(1)	32.8
Females, 16 years and over	4,084	1,647	1,309	633	494	13.1	7.5	43.5	40.3	26.7	27.6
16 to 21 years	1,132	547	329	136	119	11.1	5.3	50.1	48.4	18.6	22.5
16 to 19 years	738	371	222	77	69	10.6	5.3	52.6	50.2	17.0	19.7
20 to 24 years	895	393	298	122	111	12.4	7.2	48.3	40.6	22.2	26.1
25 to 34 years	1,127	446	352	204	124	13.7	8.2	39.5	39.6	28.0	29.1
35 to 44 years	613	235	190	108	81	13.4	7.7	38.7	38.4	30.7	30.7
45 to 54 years	425	134	155	75	61	14.7	8.9	39.1	31.5	28.9	32.1
55 to 64 years	253	87	85	41	41	15.1	8.8	36.0	34.2	28.9	32.2
65 years and over	32	11	8	7	6	17.3	9.2	(1)	(1)	(1)	(1)
White, 16 years and over	8,013	2,717	2,640	1,562	1,044	14.5	9.5	36.2	33.9	31.2	32.5
Males	4,924	1,468	1,651	1,066	729	16.3	10.9	31.5	29.8	36.2	36.5
Females	3,088	1,250	1,329	495	315	12.3	7.2	43.6	40.5	23.7	26.2
Black and other, 16 years and over	2,277	768	687	389	432	17.3	10.1	35.8	33.7	34.1	36.1
Males	1,281	370	407	251	253	18.5	11.5	28.8	28.9	40.5	39.4
Females	996	398	281	138	179	15.7	9.3	43.2	40.0	27.5	31.9
Males, 16 years and over											
Married, spouse present	2,634	755	861	593	428	16.9	11.3	28.4	28.7	42.4	38.7
Widowed, divorced, or separated	713	174	251	148	140	18.9	12.5	24.9	24.4	42.5	40.4
Single (never married)	2,858	939	956	580	414	15.6	10.4	34.1	31.8	31.5	34.7
Females, 16 years and over											
Married, spouse present	1,773	586	598	308	179	12.3	7.5	43.6	38.8	28.4	27.4
Widowed, divorced, or separated	855	389	256	133	125	14.1	8.2	36.0	39.7	31.3	30.3
Single (never married)	1,456	620	455	192	189	13.5	6.9	47.5	42.6	21.6	26.2

(1) Percent not shown where base is less than 75,000.

A-19. Unemployed persons by occupation, industry, and duration of unemployment

Occupation and industry	Thousands of persons					Average (mean) duration, in weeks	Median duration, in weeks	Less than 5 weeks as a percent of unemployed in group		15 weeks and over as a percent of unemployed in group	
	Total	Less than 5 weeks	5 to 14 weeks	15 to 26 weeks	27 weeks and over						
	March 1982							Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982
OCCUPATION											
White collar workers	2,577	884	934	425	334	10.4	9.9	39.6	34.7	26.3	33.2
Professional and managerial	845	259	286	150	151	10.4	10.4	36.5	30.7	28.6	35.9
Sales workers	392	153	142	71	25	11.7	8.9	36.7	39.1	28.9	24.5
Clerical workers	1,340	481	476	204	174	10.3	9.2	42.2	35.9	24.2	28.5
Blue-collar workers	5,060	1,501	1,668	1,133	758	16.1	11.2	30.6	29.7	38.2	37.4
Craft and kindred workers	1,547	419	548	361	219	16.2	11.6	32.2	27.1	37.1	37.5
Operatives, except transport	1,951	627	661	416	247	14.3	10.1	30.8	32.2	40.1	34.3
Transport equipment operatives	466	132	142	101	91	17.8	12.3	30.5	28.4	38.3	41.1
Nonfarm laborers	1,096	323	317	255	201	17.9	12.9	28.1	29.4	38.5	41.6
Service workers	1,504	574	462	239	229	14.8	8.2	39.2	38.2	25.6	31.1
INDUSTRY[1]											
Agriculture	270	111	86	57	16	11.2	7.2	38.2	41.1	33.6	27.0
Construction	1,249	336	455	322	135	15.9	12.5	27.2	24.6	34.8	38.9
Manufacturing	2,608	777	847	586	396	16.3	11.2	32.5	29.8	40.9	37.7
Durable goods	1,560	445	492	364	259	17.5	12.3	29.8	28.5	44.3	40.3
Nondurable goods	1,048	333	355	224	136	14.9	10.3	36.7	31.8	36.0	34.4
Transportation and public utilities	390	119	118	84	69	17.4	10.9	27.9	30.4	36.1	39.2
Wholesale and retail trade	2,091	778	761	328	225	13.2	7.5	38.9	37.2	24.6	26.3
Finance and service industries	2,057	746	627	302	342	15.2	8.8	39.5	36.3	27.7	33.3
Public administration	274	72	70	51	81	22.5	14.3	32.7	28.3	37.3	49.3
No previous work experience	983	426	288	122	127	13.3	6.6	47.4	44.2	28.2	25.8

[1] Includes wage and salary workers only

A-20. Employed persons by industry, age, and sex

(In thousands)

Industry and age	Total		Males		Females	
	Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982
All industries	99,804	98,471	56,577	55,533	42,796	42,939
16 to 19 years	6,756	6,543	3,968	3,614	3,219	2,929
16 to 17 years	2,586	2,455	1,368	1,160	1,239	1,295
18 to 19 years	4,171	4,088	2,601	1,954	1,980	1,634
20 to 24 years	11,771	11,626	7,269	6,995	4,502	4,633
25 to 54 years	64,298	64,087	36,982	36,883	27,287	27,809
25 to 34 years	29,340	29,183	18,395	17,919	10,945	12,224
35 to 44 years	19,870	20,595	11,422	11,731	8,454	8,864
45 to 54 years	15,052	13,953	9,483	9,233	6,807	6,721
55 to 64 years	11,620	11,295	6,976	6,756	4,623	4,639
55 to 59 years	7,139	7,021	4,291	4,143	2,845	2,877
60 to 64 years	4,481	4,274	2,683	2,613	1,778	1,762
65 years and over	2,916	2,914	1,924	1,785	1,154	1,129
Nonagricultural industries	96,610	95,302	54,173	53,123	42,437	42,384
16 to 19 years	5,490	5,298	3,337	2,989	3,173	2,999
16 to 17 years	2,445	2,329	1,246	1,052	1,219	1,277
18 to 19 years	4,045	3,969	2,073	1,847	1,954	1,822
20 to 24 years	11,491	11,382	6,997	6,719	4,494	4,663
25 to 54 years	62,998	62,847	35,737	35,590	26,953	27,458
25 to 34 years	27,452	27,433	17,622	17,363	11,831	12,070
35 to 44 years	19,362	20,117	11,026	11,350	8,336	8,767
45 to 54 years	13,974	13,697	9,393	8,977	6,784	6,621
55 to 64 years	11,133	10,934	6,579	6,371	4,554	4,563
55 to 59 years	6,895	6,782	4,085	3,952	2,810	2,830
60 to 64 years	4,249	4,152	2,494	2,420	1,744	1,733
65 years and over	2,958	2,846	1,524	1,504	1,113	1,102
Agriculture	3,194	3,169	2,404	2,410	789	759
16 to 19 years	276	245	231	215	45	30
16 to 17 years	141	126	101	108	20	18
18 to 19 years	136	119	130	107	25	12
20 to 24 years	280	244	271	276	59	70
25 to 54 years	1,580	1,644	1,245	1,292	336	353
25 to 34 years	586	710	473	556	114	154
35 to 44 years	584	478	355	381	228	97
45 to 54 years	478	456	375	356	103	100
55 to 64 years	466	461	388	385	65	76
55 to 59 years	254	239	209	192	45	47
60 to 64 years	213	222	180	193	20	29
65 years and over	338	269	260	241	60	27

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A-21. Employed persons by occupation, sex, and age

[In thousands]

Occupation	Total		Males, 20 years and over		Females, 20 years and over		Males, 16-19 years		Females, 16-19 years	
	Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982
TOTAL	99,304	98,471	53,033	52,419	39,567	40,313	3,345	3,114	3,219	2,924
White collar workers	53,192	53,052	24,346	24,057	26,685	26,685	592	545	1,749	1,562
Professional and technical	19,542	18,992	9,373	9,212	7,296	7,231	81	69	92	80
Health workers	3,094	3,206	1,017	1,095	2,061	2,089	6	5	10	12
Teachers, except college	3,369	3,402	879	1,028	2,369	2,416	5	5	15	17
Other professional and technical	10,079	10,324	7,077	7,093	2,866	3,127	69	57	67	46
Managers and administrators, except farm	11,771	11,368	8,490	8,227	3,179	3,061	70	51	32	30
Salaried workers	9,830	9,560	7,950	7,901	2,604	2,581	66	45	30	33
Self-employed workers, in retail trade	861	831	542	532	315	297	4	1	--	--
Self-employed workers, except retail trade	1,080	978	895	796	183	182	1	2	1	--
Sales workers	6,267	6,518	3,243	3,331	2,940	2,595	150	216	194	375
Retail trade	3,140	3,234	991	985	1,671	1,747	131	156	347	345
Other industries	3,127	3,284	2,252	2,345	769	849	59	60	47	30
Clerical workers	18,562	18,173	3,239	3,287	13,772	13,603	421	210	1,231	1,077
Stenographers, typists, and secretaries	5,082	4,791	70	56	4,702	4,487	9	3	303	245
Other clerical workers	13,480	13,382	3,169	3,231	9,070	9,116	412	207	931	832
Blue collar workers	33,286	29,445	22,952	22,805	5,342	5,178	1,736	1,520	455	243
Craft and kindred workers	12,479	12,186	11,337	11,094	749	777	361	288	33	29
Carpenters	1,054	1,062	1,012	1,016	13	13	29	33	--	--
Construction craft workers, except carpenters	2,493	2,296	2,372	2,204	42	39	74	51	1	2
Mechanics and repairers	3,399	3,428	3,188	3,269	48	59	160	99	2	--
Metal craft workers	1,319	1,196	1,219	1,121	70	38	27	33	2	4
Blue collar worker supervisors, not elsewhere classified	1,872	1,689	1,646	1,463	207	217	8	5	11	3
All other	2,343	2,514	1,899	2,021	367	411	61	69	19	19
Operatives, except transport	10,294	9,702	5,742	5,339	3,901	3,814	505	403	143	146
Durable goods manufacturing	4,593	4,161	2,695	2,617	1,512	1,388	137	111	47	45
Nondurable goods manufacturing	3,241	3,090	1,293	1,180	1,794	1,785	98	65	71	61
Other industries	2,455	2,450	1,755	1,542	595	641	270	226	24	41
Transport equipment operatives	3,353	3,332	2,954	2,883	278	333	141	110	11	6
Drivers, motor vehicles	2,931	2,889	2,533	2,507	263	266	124	110	12	3
All other	452	443	421	379	15	66	17	20	--	--
Nonfarm laborers	4,152	4,225	2,923	2,985	416	475	730	701	68	62
Construction	639	654	555	557	7	20	74	74	1	3
Manufacturing	953	917	737	707	153	139	61	65	3	6
Other industries	2,560	2,654	1,647	1,722	257	317	573	561	63	53
Service workers	13,530	13,559	4,183	4,195	7,173	7,340	956	867	1,195	1,133
Private household workers	1,022	1,057	28	31	964	989	22	13	185	185
Service workers, except private household	12,508	12,502	4,155	4,163	6,211	6,351	934	854	1,010	947
Food service workers	4,598	4,674	959	1,037	2,425	2,495	635	569	580	544
Protective service workers	1,479	1,521	1,333	1,335	133	156	27	24	9	7
All other	6,355	6,307	1,896	1,885	3,847	3,957	302	261	311	253
Farm workers	2,435	2,416	1,849	1,859	304	354	194	182	89	21
Farmers and farm managers	1,413	1,390	1,253	1,226	159	149	19	13	1	1
Farm laborers and supervisors	1,024	1,026	595	633	145	205	174	169	28	20
Paid workers	800	823	559	598	96	91	125	119	21	14
Unpaid family workers	224	203	36	35	128	114	50	50	8	6

A-22. Employed persons by occupation, race, and sex

(Percent distribution)

Occupation and race	Total		Males		Females	
	Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982
TOTAL						
Total, 16 years and over (thousands)	99,384	98,471	56,577	55,583	42,786	42,939
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White collar workers	53.5	53.9	43.7	44.3	66.5	66.3
Professional and technical	16.6	17.3	15.2	16.7	17.3	18.0
Managers and administrators, except farm	11.8	11.5	15.1	14.9	7.5	7.2
Sales workers	6.3	6.6	5.3	6.4	6.5	6.9
Clerical workers	18.7	18.5	8.3	8.3	35.1	34.2
Blue collar workers	30.5	29.9	43.6	42.9	11.1	11.1
Craft and kindred workers	12.6	12.4	20.7	20.5	1.8	1.9
Operatives, except transport	12.4	9.9	11.8	10.3	9.5	9.2
Transport equipment operatives	3.4	3.4	5.5	5.4	.7	.7
Nonfarm laborers	4.2	4.3	6.5	6.6	1.1	1.3
Service workers	15.6	15.8	9.1	9.1	19.5	19.8
Private household workers	1.1	1.1	.1	.1	2.5	2.6
Other service workers	12.5	12.7	9.0	9.1	17.1	17.4
Farm workers	2.5	2.5	3.6	3.7	.9	.9
Farmers and farm managers	1.4	1.4	2.2	2.2	.3	.3
Farm laborers and supervisors	1.0	1.0	1.4	1.4	.5	.5
White						
Total, 16 years and over (thousands)	87,755	87,098	50,381	49,685	37,374	37,402
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White collar workers	55.1	55.4	45.1	45.7	68.4	68.4
Professional and technical	17.1	17.8	15.7	17.1	17.5	18.3
Managers and administrators, except farm	12.6	12.3	15.3	15.7	8.0	7.8
Sales workers	6.8	7.1	6.5	6.8	7.1	7.5
Clerical workers	18.7	18.4	7.7	7.9	35.7	34.8
Blue collar workers	30.3	29.4	42.8	42.2	12.7	12.9
Craft and kindred workers	12.4	12.3	21.1	21.3	1.9	1.9
Operatives, except transport	9.3	9.3	12.7	9.9	9.3	8.5
Transport equipment operatives	3.2	3.4	5.1	5.1	.7	.7
Nonfarm laborers	3.9	4.3	5.3	6.1	1.1	1.2
Service workers	12.4	12.6	9.4	8.9	17.9	18.1
Private household workers	.8	.8	.1	(1)	1.9	1.9
Other service workers	11.5	11.8	9.3	8.9	16.0	16.3
Farm workers	2.4	2.5	3.7	3.7	1.0	1.0
Farmers and farm managers	1.4	1.4	2.4	2.4	.4	.4
Farm laborers and supervisors	1.0	1.0	1.3	1.3	.6	.6
Black and other						
Total, 16 years and over (thousands)	11,630	11,373	6,197	5,897	5,432	5,537
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White collar workers	41.1	41.7	38.2	38.5	43.2	43.9
Professional and technical	13.5	14.3	12.0	13.1	15.1	15.4
Managers and administrators, except farm	5.1	5.8	7.4	8.1	4.2	3.9
Sales workers	2.8	2.9	2.3	2.5	3.4	3.3
Clerical workers	19.7	19.9	9.3	8.6	30.5	29.7
Blue collar workers	33.3	33.8	52.5	49.3	15.7	17.8
Craft and kindred workers	6.7	6.9	17.1	15.6	1.5	1.5
Operatives, except transport	13.5	13.9	14.2	13.7	12.7	14.0
Transport equipment operatives	4.8	4.9	9.7	8.2	.5	.8
Nonfarm laborers	6.3	6.5	13.4	11.3	1.1	1.4
Service workers	23.9	22.4	16.7	15.3	33.7	33.6
Private household workers	3.1	2.9	.3	.3	6.3	5.5
Other service workers	22.2	19.6	16.4	15.0	27.4	28.1
Farm workers	1.6	1.7	2.7	3.3	.5	.7
Farmers and farm managers	.3	.4	.6	.6	(1)	.1
Farm laborers and supervisors	1.3	1.3	2.1	2.7	.4	.6

(1) Less than 0.05 percent

HOUSEHOLD DATA

A-23. Employed persons by age, sex, and class of worker

[In thousands]

Age and sex	March 1982								
	Nonagricultural industries						Agriculture		
	Wage and salary workers				Self employed	Unpaid family workers	Wage and salary workers	Self employed	Unpaid family workers
	Total	Private household workers	Government	Other					
Total, 16 years and over	87,951	1,167	15,771	71,013	7,083	473	1,236	1,508	219
16 to 19 years	5,681	240	382	5,058	88	33	169	21	55
16 to 17 years	2,078	163	103	1,812	41	11	74	11	40
18 to 19 years	3,603	76	280	3,247	47	19	94	10	15
20 to 24 years	12,696	115	1,403	11,178	358	27	238	81	27
25 to 34 years	25,655	145	4,477	21,033	1,639	79	352	309	50
35 to 44 years	18,182	148	3,929	14,106	1,799	135	203	250	25
45 to 54 years	13,958	176	3,182	10,600	1,444	96	141	285	30
55 to 64 years	9,708	186	2,047	7,475	1,152	73	103	336	22
55 to 59 years	6,062	108	1,290	4,663	677	43	65	158	16
60 to 64 years	3,646	78	757	2,812	476	30	38	178	6
65 years and over	2,071	157	352	1,562	542	33	31	227	11
Males, 16 years and over	48,261	118	7,711	40,431	4,794	68	995	1,324	90
16 to 19 years	2,825	49	170	2,605	56	19	146	22	53
16 to 17 years	1,014	29	53	936	29	9	61	10	37
18 to 19 years	1,811	20	120	1,670	27	10	85	10	13
20 to 24 years	6,485	3	576	5,906	229	5	165	75	15
25 to 34 years	14,224	6	2,135	12,112	1,126	13	279	264	13
35 to 44 years	10,154	12	1,972	8,170	1,194	2	163	213	5
45 to 54 years	7,880	17	1,664	6,199	391	5	115	243	--
55 to 64 years	5,542	13	1,028	4,502	322	7	76	336	2
55 to 59 years	3,472	7	645	2,820	176	4	47	144	--
60 to 64 years	2,070	5	383	1,682	145	3	29	192	2
65 years and over	1,150	17	196	937	376	17	29	206	6
Females, 16 years and over	39,691	1,049	8,060	30,581	2,289	405	241	184	129
16 to 19 years	2,856	191	212	2,453	32	11	23	1	3
16 to 17 years	1,064	135	53	876	11	2	13	1	4
18 to 19 years	1,792	56	159	1,577	21	9	10	--	2
20 to 24 years	6,211	112	827	5,272	130	22	52	6	12
25 to 34 years	11,431	137	2,372	8,922	513	66	73	45	37
35 to 44 years	8,028	136	1,956	5,935	605	133	40	37	21
45 to 54 years	6,077	159	1,517	4,401	453	91	26	44	33
55 to 64 years	4,166	174	1,019	2,974	330	66	26	30	20
55 to 59 years	2,590	101	645	1,844	201	39	17	14	10
60 to 64 years	1,576	73	374	1,130	130	27	9	16	6
65 years and over	921	140	156	625	186	15	2	21	5

A-24. Employed persons by industry and occupation

[In thousands]

Industry	March 1982											
		White-collar workers				Blue-collar workers				Service workers		Farm workers
	Total employed	Professional and technical workers	Managers and administrators, except farm	Sales workers	Clerical workers	Craft and kindred workers	Operatives, except transport	Transport equipment operatives	Nonfarm laborers	Private household workers	Other service workers	
Agriculture	2,964	75	32	2	83	57	9	28	238	--	20	2,415
Mining	1,101	193	123	10	124	221	341	50	24	--	15	--
Construction	5,393	182	732	29	431	2,895	219	119	654	--	33	--
Manufacturing	20,681	2,616	1,671	485	2,571	4,073	7,252	715	317	--	381	--
Durable goods	12,370	1,782	995	177	1,500	2,705	4,161	338	514	--	196	--
Nondurable goods	8,311	833	676	308	1,071	1,369	3,093	376	403	--	184	--
Transportation and public utilities	6,408	624	659	92	1,481	1,389	123	1,425	427	--	191	--
Wholesale and retail trade	20,205	467	3,884	4,261	3,449	1,432	887	710	1,300	--	3,834	--
Wholesale trade	4,200	183	936	1,927	857	349	195	355	291	--	35	--
Retail trade	16,005	284	2,948	3,234	2,592	1,083	692	354	1,009	--	3,799	--
Finance, insurance, and real estate	6,236	403	1,250	1,413	2,736	111	9	6	79	--	229	--
Services	30,240	11,424	2,274	218	5,509	1,638	803	217	852	1,057	6,048	--
Private households	1,232	13	--	--	20	2	1	8	81	1,057	49	--
Other service industries	29,008	11,411	2,274	218	5,489	1,636	802	209	771	--	6,597	--
Public administration	5,244	1,036	734	8	1,791	269	63	62	134	--	1,177	--

A-25. Employed persons with a job but not at work by reason, sex, and pay status

(In thousands)

Reason not working and sex	All industries		Nonagricultural industries					
			Total		Wage and salary workers[1]			
					Paid absences[2]		Unpaid absences[2]	
	Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982
Total, 16 years and over	4,048	4,113	3,905	3,970	1,776	1,722	1,565	1,655
Vacation	1,493	1,430	1,461	1,392	969	886	331	361
Illness	1,466	1,410	1,410	1,399	589	615	677	647
Bad weather	101	191	79	135	--	--	--	--
Industrial dispute	34	16	34	18	--	--	--	--
All other reasons	955	1,056	921	1,025	218	223	557	648
Males, 16 years and over	2,162	2,214	2,037	2,089	1,337	1,313	666	729
Vacation	797	785	768	756	538	537	131	147
Illness	808	743	762	727	363	348	303	301
All other reasons[3]	557	686	507	605	136	129	232	281
Females, 16 years and over	1,886	1,899	1,868	1,881	768	708	899	927
Vacation	696	645	693	636	431	347	200	214
Illness	657	675	648	672	226	267	374	347
All other reasons[3]	533	579	528	573	112	96	325	367

[1] Excludes private household workers.

[2] Pay status not available separately for bad weather and industrial dispute; these categories are included in "all other reasons."

[3] Includes bad weather and industrial dispute, not shown separately.

NOTE: Estimates for "all other reasons" by pay status may be biased because of high response variance; data should be used with caution.

A-26. Persons at work by hours of work and industry

Hours of work	March 1982					
	Thousands of persons			Percent distribution		
	All industries	Nonagricultural industries	Agriculture	All industries	Nonagricultural industries	Agriculture
Total, 16 years and over	94,358	91,567	2,823	100.0	100.0	100.0
1-34 hours	24,037	23,089	947	25.5	25.2	33.6
1-4 hours	867	840	26	.9	.9	.9
5-14 hours	9,655	9,418	237	8.9	8.8	8.4
15-29 hours	11,770	11,339	431	12.5	12.4	15.3
30-34 hours	6,745	6,522	223	7.1	7.1	7.9
35 hours and over	70,321	68,448	1,874	74.5	74.8	66.4
35-39 hours	7,087	6,927	160	7.5	7.6	5.7
40 hours	40,511	40,031	480	42.9	43.7	17.0
41 hours and over	22,723	21,490	1,234	24.1	23.5	43.7
41 to 48 hours	6,833	6,586	246	9.4	9.4	8.6
49 to 59 hours	7,946	7,579	367	8.9	8.3	13.0
60 hours and over	5,947	5,325	623	6.3	5.8	22.1
Average hours, total at work	38.1	38.0	42.2	--	--	--
Average hours, workers on full-time schedules	42.9	42.7	49.5	--	--	--

HOUSEHOLD DATA

A-27. Persons at work 1 to 34 hours by reason for working less than 35 hours and usual status

(Numbers in thousands)

Reason for working less than 35 hours	March 1982					
	All industries			Nonagricultural industries		
	Total	Usually work full time	Usually work part time	Total	Usually work full time	Usually work part time
Total, 16 years and over	24,337	6,959	17,078	23,089	6,573	16,517
Economic reasons	5,749	2,382	3,367	5,476	2,226	3,250
Slack work	3,225	2,123	1,102	3,008	1,957	1,041
Material shortages or repairs to plant and equipment	49	49	--	49	49	--
New job started during week	140	140	--	140	140	--
Job terminated during week	69	69	--	69	69	--
Could find only part time work	2,265	--	2,265	2,209	--	2,209
Other reasons	18,287	4,576	13,711	17,613	4,346	13,267
Does not want, or unavailable for, full time work	11,744	--	11,744	11,411	--	11,411
Vacation	740	740	--	730	730	--
Illness	2,319	1,849	173	1,987	1,836	151
Bad weather	423	423	--	278	278	--
Industrial dispute	2	2	--	2	2	--
Legal or religious holiday	85	85	--	84	84	--
Full time for this job	1,325	--	1,325	1,279	--	1,279
All other reasons	1,949	1,478	471	1,843	1,418	425
Average hours						
Economic reasons	22.1	25.0	20.1	22.2	25.2	20.2
Other reasons	20.5	26.3	18.6	20.6	26.5	18.7
Worked 30 to 34 hours						
Economic reasons	1,876	1,113	765	1,799	1,059	740
Other reasons	4,969	2,478	2,397	4,723	2,409	2,314

A-28. Nonagricultural workers by industry and full- or part-time status

(Numbers in thousands)

Industry	March 1982							
	Full- or part-time status						Average hours, total at work	Average hours, workers on full time schedules
	Total at work	On part time for economic reasons	On voluntary part time	On full time schedules				
				Total	40 hours or less	41 to 48 hours	49 hours or more	
Total, 16 years and over [1]	91,537	5,476	13,267	72,794	51,304	6,586	14,904	38.0	42.7
Wage and salary workers	84,536	4,783	11,916	67,837	49,049	9,053	10,735	37.8	42.3
Construction	4,092	405	163	3,524	2,715	311	498	38.8	41.6
Manufacturing	19,519	1,038	648	17,833	13,434	2,251	2,148	40.1	41.6
Durable goods	11,659	648	265	10,746	8,265	1,389	1,292	40.7	41.6
Nondurable goods	7,860	389	382	6,939	5,171	862	856	39.3	41.5
Transportation and public utilities	5,793	240	331	5,222	3,692	612	918	40.7	42.9
Wholesale and retail trade	17,631	1,405	4,521	11,675	7,559	1,730	2,386	35.3	43.2
Finance, insurance, and real estate	5,555	196	515	4,894	3,719	506	669	38.9	41.4
Service industries	25,910	1,423	5,432	19,055	13,748	2,077	3,234	36.1	42.4
Private households	1,130	207	528	395	246	65	84	24.6	45.3
All other industries	24,780	1,216	4,904	18,653	13,498	2,012	3,150	36.6	42.3
Public administration	5,371	96	288	4,837	3,657	455	585	39.9	41.6
Self-employed workers	6,529	665	1,144	4,718	2,114	514	2,090	39.9	48.3
Unpaid family workers	473	27	206	293	143	18	79	34.1	45.7

[1] Includes mining, not shown separately.

A-29. Persons at work in nonagricultural industries by sex, age, race, marital status, and full- or part-time status

(Numbers in thousands)

Sex, age, race, and marital status	March 1982							
	Total at work	On part time for economic reasons	On voluntary part time	On full time schedules			Average hours, total at work	Average hours, workers on full time schedules
				Total	40 hours or less	41 hours or more		
TOTAL								
Both sexes, 16 years and over	91,537	5,476	13,267	72,793	51,304	21,490	38.0	42.7
16 to 21 years	13,151	1,316	4,356	4,779	3,781	998	28.0	40.5
16 to 19 years	5,589	574	3,244	1,771	1,412	359	23.7	40.4
16 to 17 years	2,048	136	1,758	184	160	24	16.0	38.3
18 to 19 years	3,541	467	1,486	1,588	1,252	336	28.1	40.6
20 years and over	85,948	4,902	10,923	71,023	49,892	21,131	38.9	42.7
20 to 24 years	12,685	1,308	2,150	9,527	7,186	2,341	36.2	41.5
25 years and over	73,263	3,895	7,874	61,494	42,705	18,789	39.3	42.9
25 to 44 years	45,750	2,453	4,203	39,097	26,786	12,311	39.9	43.0
45 to 64 years	25,089	1,327	2,476	21,286	15,175	6,111	39.4	42.7
65 years and over	2,425	116	1,195	1,114	747	367	29.3	43.2
Males, 16 years and over	51,035	2,536	3,953	44,576	28,434	16,142	43.9	44.3
16 to 21 years	5,107	486	2,308	2,613	1,903	710	29.6	41.7
16 to 19 years	2,797	273	1,550	974	729	245	24.9	41.3
16 to 17 years	1,014	49	858	107	93	14	16.7	39.1
18 to 19 years	1,784	224	692	868	636	232	29.5	41.5
20 years and over	46,237	2,233	2,402	41,632	27,705	15,897	41.9	44.1
20 to 24 years	5,531	500	842	5,189	3,569	1,620	38.1	42.8
25 years and over	41,706	1,734	1,560	36,442	24,137	14,275	42.5	44.2
25 to 44 years	25,826	1,113	525	24,188	14,903	9,288	43.1	44.5
45 to 64 years	14,467	572	403	13,492	8,772	4,720	42.5	43.9
65 years and over	1,413	49	632	732	465	266	31.3	43.4
Females, 16 years and over	40,503	2,969	9,314	28,220	22,871	5,349	30.2	40.5
16 to 21 years	5,044	532	2,047	2,165	1,877	288	26.5	39.4
16 to 19 years	2,792	301	1,693	798	684	114	22.5	39.3
16 to 17 years	1,035	58	930	77	67	10	15.3	37.2
18 to 19 years	1,757	243	763	721	617	104	28.8	39.5
20 years and over	37,711	2,668	7,621	27,422	22,183	5,234	35.0	40.5
20 to 24 years	7,153	808	1,308	4,337	3,616	721	38.2	40.3
25 years and over	31,558	2,161	6,313	23,084	18,570	4,514	35.2	40.6
25 to 44 years	19,924	1,339	3,677	14,908	11,867	3,021	35.6	40.6
45 to 64 years	10,622	754	2,072	7,796	6,404	1,392	35.3	40.5
65 years and over	1,012	68	563	381	280	101	26.6	42.7
RACE								
White	80,900	4,558	12,141	64,201	44,223	19,978	38.0	42.8
Males	45,641	2,086	3,572	39,983	24,891	15,092	41.2	44.2
Females	35,258	2,472	8,569	24,217	19,333	4,884	34.0	40.6
Black and other	10,638	919	1,126	8,593	7,080	1,513	37.2	41.2
Males	5,393	450	381	4,562	3,543	1,049	39.1	42.3
Females	5,244	468	745	4,031	3,537	464	35.3	39.9
MARITAL STATUS								
Males, 16 years and over								
Married, spouse present	38,739	1,322	1,144	32,332	20,075	12,257	42.7	44.3
Widowed, divorced, or separated	4,495	258	216	4,021	2,582	1,439	41.7	44.2
Single (never married)	11,742	926	2,592	8,224	5,777	2,447	35.4	42.8
Females, 16 years and over								
Married, spouse present	22,981	1,574	5,462	15,445	12,754	2,691	34.1	40.2
Widowed, divorced, or separated	8,105	682	1,090	6,353	4,953	1,400	36.6	40.9
Single (never married)	9,417	734	2,763	6,420	5,162	1,258	32.5	40.6

HOUSEHOLD DATA

A-30. Persons at work in nonfarm occupations by sex and full- or part-time status

(Numbers in thousands)

Occupation and sex	March 1982							
	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules			Average hours, total at work	Average hours, workers on full time schedules
				Total	40 hours or less	41 to 48 hours	49 hours or more	
Total, 16 years and over	92,659	5,532	13,866	73,161	51,525	8,625	13,011	38.0	42.6
White-collar workers	53,969	1,626	7,286	42,057	28,419	4,916	8,722	39.0	43.1
Professional and technical	16,323	347	1,940	14,036	9,192	1,780	3,064	40.0	43.6
Managers and administrators, except farm	10,926	145	519	10,262	5,239	1,355	3,698	44.9	46.4
Sales workers	6,239	367	1,516	4,326	2,838	584	1,104	36.2	44.3
Clerical workers	17,511	769	3,311	13,431	11,176	1,198	857	35.3	39.9
Blue-collar workers	28,056	2,412	1,941	23,735	17,393	2,962	3,350	38.9	42.1
Craft and kindred workers	11,683	757	844	10,429	7,460	1,384	1,585	40.2	42.3
Operatives, except transport	9,280	931	496	7,853	6,199	902	752	38.6	41.3
Transport equipment operatives	3,147	235	282	2,633	1,534	370	756	41.3	45.3
Nonfarm laborers	4,001	489	719	2,793	2,230	306	257	34.2	41.0
Service workers	13,032	1,494	4,139	7,399	5,713	747	939	31.8	41.7
Private household	1,019	183	474	364	232	58	74	25.3	45.1
Other service workers	12,013	1,314	3,665	7,034	5,478	690	866	32.4	41.5
Males, 16 years and over	51,386	2,537	3,994	44,855	28,593	5,625	10,437	40.9	44.3
White-collar workers	23,760	672	1,965	21,123	12,194	2,894	6,735	43.3	45.5
Professional and technical	8,985	183	489	8,314	4,981	1,350	2,333	43.3	45.1
Managers and administrators, except farm	7,959	102	210	7,647	3,526	1,320	3,101	46.3	47.4
Sales workers	3,429	111	377	2,941	1,580	448	933	41.5	45.4
Clerical workers	3,386	125	339	2,872	2,126	377	369	38.2	41.7
Blue-collar workers	22,730	1,724	1,376	19,630	13,938	2,569	3,123	39.6	42.5
Craft and kindred workers	10,856	703	330	9,823	6,978	1,316	1,529	40.5	42.4
Operatives, except transport	5,535	424	265	4,946	3,598	629	619	39.9	42.3
Transport equipment operatives	2,856	195	169	2,492	1,396	347	749	42.1	45.5
Nonfarm laborers	3,482	401	613	2,468	1,965	276	227	34.3	41.0
Service workers	4,896	341	1,153	3,402	2,461	362	579	35.6	43.1
Private household	31	2	16	11	7	2	2	28.6	43.3
Other service workers	4,865	340	1,135	3,390	2,453	360	577	35.6	43.1
Females, 16 years and over	40,673	2,996	9,873	28,306	22,929	2,991	2,574	34.2	40.5
White-collar workers	27,209	1,155	5,322	20,232	16,223	2,022	1,987	35.2	40.6
Professional and technical	7,337	213	1,452	5,672	4,210	730	732	36.0	41.3
Managers and administrators, except farm	2,967	42	309	2,616	1,684	335	597	41.0	43.7
Sales workers	2,780	256	1,139	1,386	1,079	136	171	29.8	41.3
Clerical workers	14,125	644	2,422	10,559	9,250	821	488	34.6	39.4
Blue-collar workers	5,329	688	565	4,076	3,456	393	227	35.9	39.9
Craft and kindred workers	774	54	114	606	482	67	57	36.4	40.7
Operatives, except transport	3,745	507	231	3,007	2,601	272	133	36.6	39.6
Transport equipment operatives	291	40	114	137	137	23	7	29.6	40.9
Nonfarm laborers	519	88	106	325	285	30	30	33.6	41.1
Service workers	6,135	1,153	2,986	3,996	3,250	386	360	29.6	40.4
Private household	987	179	456	352	224	56	72	25.2	45.2
Other service workers	7,149	975	2,530	3,644	3,025	330	289	30.2	40.3

A-31. Employment status of 14- and 15-year-olds by sex and race

(Numbers in thousands)

Employment status	March 1982								
	Total			White			Black and other		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Civilian noninstitutional population	7,235	3,668	3,538	5,950	3,041	2,909	1,255	627	628
Civilian labor force	1,083	494	588	992	468	524	51	27	24
Employed	909	428	481	874	411	464	35	18	17
Agriculture	65	49	17	65	48	17	--	--	--
Nonagricultural industries	843	379	464	809	362	447	34	17	17
Unemployed	174	66	108	118	57	60	17	9	7
Unemployment rate	12.9	13.4	12.4	11.9	12.2	11.5	(1)	(1)	(1)
Not in labor force	6,153	3,173	2,980	4,958	2,573	2,385	1,204	600	604
Keeping house	35	4	31	29	2	27	6	1	4
Going to school	5,981	3,100	2,882	4,804	2,509	2,295	1,178	591	586
Unable to work	5	2	3	4	2	2	1	--	1
All other reasons	141	68	74	120	59	61	20	8	12

(1) Percent not shown where base is less than 75,000.

A-32. Employed 14- and 15-year-olds by class of worker, occupation, and sex

Class of worker and occupation	March 1982					
	Thousands of persons			Percent distribution		
	Both sexes	Males	Females	Both sexes	Males	Females
CLASS OF WORKER						
Total	939	429	481	100.0	100.0	100.0
Nonagricultural industries	865	379	454	92.8	88.6	96.7
Wage and salary workers	767	334	433	81.2	71.0	90.2
Private households	324	32	273	33.5	7.5	56.9
Government workers	42	21	21	4.6	4.9	4.4
Other wage and salary workers	401	252	139	43.1	58.9	29.0
Self-employed workers	130	74	29	11.0	16.8	6.0
Unpaid family workers	6	3	2	.7	.7	.4
Agriculture	65	49	17	7.2	11.4	3.5
Wage and salary workers	35	22	12	3.9	5.1	2.5
Self-employed workers	8	7	1	.9	1.5	.2
Unpaid family workers	22	19	3	2.4	4.4	.6
OCCUPATION						
Total	939	429	481	100.0	100.0	100.0
White-collar workers	282	161	122	31.1	41.3	21.2
Professional and technical	16	9	8	1.8	2.1	1.7
Managers and administrators, except farm	13	8	2	1.1	1.9	.4
Sales workers	235	149	57	22.6	38.8	11.9
Clerical workers	51	15	36	5.6	3.5	7.5
Blue-collar workers	81	65	6	10.0	19.9	1.2
Craft and kindred workers	12	12	--	1.3	2.8	--
Operatives, except transport	23	19	4	2.5	4.4	.8
Transport equipment operators	--	--	--	--	--	--
Nonfarm laborers	55	53	2	6.1	12.4	.4
Service workers	460	122	339	52.9	28.5	74.6
Private household workers	296	17	278	12.6	4.0	57.8
Other service workers	165	105	60	20.4	24.5	16.8
Farm workers	55	41	14	6.1	9.6	2.9
Farmers and farm managers	3	3	--	.3	.7	--
Farm laborers and supervisors	52	38	14	5.7	8.9	2.9

HOUSEHOLD DATA
SEASONALLY ADJUSTED

A-33. Employment status of the noninstitutional population by sex and age, seasonally adjusted

(Numbers in thousands)

Employment status, sex, and age	1981										1982		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
TOTAL													
Total noninstitutional population [1]	171,581	171,770	171,956	172,172	172,385	172,559	172,758	172,965	173,155	173,330	173,495	173,657	173,843
Armed Forces [1]	2,128	2,129	2,127	2,131	2,139	2,160	2,165	2,158	2,158	2,164	2,159	2,168	2,175
Civilian noninstitutional population [1]	169,453	169,641	169,829	170,042	170,246	170,399	170,593	170,809	170,995	171,166	171,335	171,489	171,667
Civilian labor force	108,364	108,777	109,293	108,434	108,688	108,818	108,494	109,312	109,272	109,184	108,879	109,165	109,346
Percent of civilian population	63.9	64.1	64.4	63.8	63.8	63.9	63.6	63.9	63.9	63.8	63.5	63.7	63.7
Employed	100,406	100,878	101,045	100,433	100,364	100,840	100,258	100,843	100,172	99,513	99,581	99,590	99,492
Percent of total population	58.5	58.7	58.8	58.3	58.5	58.4	58.0	58.0	57.9	57.5	57.4	57.3	57.2
Agriculture	3,343	3,470	3,435	3,348	3,342	3,404	3,358	3,378	3,372	3,209	3,411	3,373	3,349
Nonagricultural industries	97,063	97,408	97,610	97,082	97,022	97,435	96,900	97,465	96,800	96,404	96,170	96,217	96,144
Unemployed	7,958	7,899	8,248	8,004	7,824	7,978	8,236	8,469	9,100	9,671	9,298	9,575	9,854
Unemployment rate	7.3	7.3	7.5	7.4	7.2	7.3	7.6	8.0	8.3	8.8	8.5	8.8	9.0
Not in labor force	61,089	60,864	60,536	61,608	61,558	61,581	62,099	61,797	61,724	61,982	62,456	62,324	62,321
Males, 20 years and over													
Total noninstitutional population [1]	73,710	73,817	73,924	74,045	74,164	74,268	74,382	74,502	74,610	74,714	74,810	74,906	75,015
Civilian noninstitutional population [1]	72,037	72,142	72,251	72,359	72,472	72,559	72,673	72,795	72,921	73,020	73,120	73,209	73,287
Civilian labor force	57,028	57,157	57,479	57,094	57,172	57,250	57,262	57,355	57,459	57,665	57,368	57,446	57,554
Percent of civilian population	79.2	79.2	79.6	78.9	78.9	78.9	78.8	78.8	78.8	79.0	78.5	78.5	78.5
Employed	53,618	53,820	53,984	53,597	53,674	53,791	53,693	53,504	53,354	53,122	53,047	53,097	53,006
Percent of total population	72.7	72.9	72.9	72.4	72.6	72.4	72.2	71.8	71.5	71.1	70.9	70.9	70.7
Agriculture	2,352	2,419	2,393	2,379	2,383	2,422	2,383	2,413	2,382	2,311	2,390	2,386	2,377
Nonagricultural industries	51,266	51,401	51,494	51,218	51,291	51,369	51,310	51,091	50,972	50,811	50,657	50,711	50,629
Unemployed	3,410	3,337	3,595	3,497	3,498	3,459	3,569	3,851	4,105	4,543	4,322	4,351	4,548
Unemployment rate	6.0	5.8	6.3	6.1	6.1	6.0	6.2	6.7	7.1	7.9	7.5	7.6	7.9
Not in labor force	15,009	14,985	14,772	15,265	15,300	15,309	15,409	15,440	15,462	15,355	15,752	15,761	15,733
Females, 20 years and over													
Total noninstitutional population [1]	81,221	81,338	81,453	81,583	81,711	81,822	81,945	82,074	82,193	82,308	82,415	82,523	82,640
Civilian noninstitutional population [1]	81,076	81,193	81,308	81,434	81,561	81,671	81,792	81,920	82,033	82,151	82,260	82,367	82,478
Civilian labor force	42,152	42,332	42,609	42,531	42,682	42,565	42,348	42,831	42,987	42,888	42,868	43,031	43,243
Percent of civilian population	52.0	52.1	52.4	52.3	52.3	52.2	51.8	52.3	52.4	52.2	52.1	52.2	52.4
Employed	39,365	39,536	39,737	39,757	39,810	39,841	39,426	39,814	39,878	39,713	39,768	39,744	39,807
Percent of total population	48.5	48.6	48.8	48.7	48.7	48.7	48.1	48.5	48.5	48.3	48.2	48.2	48.2
Agriculture	610	609	605	585	590	609	608	596	635	572	649	628	635
Nonagricultural industries	38,755	38,927	39,132	39,172	39,220	39,232	38,819	39,218	39,243	39,141	39,115	39,116	39,172
Unemployed	2,787	2,796	2,871	2,824	2,872	2,825	2,918	3,017	3,109	3,175	3,104	3,286	3,435
Unemployment rate	6.6	6.6	6.7	6.6	6.7	6.6	6.9	7.0	7.2	7.4	7.2	7.6	7.9
Not in labor force	38,924	38,861	38,733	38,853	38,879	39,005	39,448	39,089	39,051	39,263	39,392	39,336	39,235
Both sexes, 16-19 years													
Total noninstitutional population [1]	16,650	16,615	16,573	16,584	16,510	16,469	16,429	16,393	16,351	16,310	16,269	16,228	16,188
Civilian noninstitutional population [1]	16,341	16,305	16,273	16,249	16,213	16,169	16,131	16,093	16,037	15,995	15,955	15,913	15,902
Civilian labor force	9,188	9,288	9,206	8,759	8,834	8,902	8,888	8,826	8,826	8,631	8,643	8,686	8,549
Percent of civilian population	56.2	57.0	56.6	53.9	54.5	55.1	55.1	54.8	55.3	54.0	54.2	54.6	53.8
Employed	7,423	7,522	7,424	7,075	7,180	7,208	7,139	7,025	6,940	6,778	6,771	6,748	6,679
Percent of total population	44.6	45.3	44.8	42.8	43.5	43.8	43.5	42.9	42.4	41.6	41.5	41.6	41.3
Agriculture	381	442	410	384	369	373	357	369	355	326	373	359	336
Nonagricultural industries	7,042	7,080	7,014	6,692	6,811	6,835	6,772	6,656	6,585	6,452	6,398	6,389	6,343
Unemployed	1,761	1,766	1,782	1,683	1,654	1,694	1,749	1,801	1,886	1,853	1,872	1,933	1,870
Unemployment rate	19.2	19.0	19.4	19.2	18.7	19.0	19.7	20.4	21.4	21.5	21.7	22.3	21.9
Not in labor force	7,157	7,017	7,069	7,490	7,379	7,267	7,243	7,267	7,211	7,364	7,312	7,227	7,353

[1] The population and Armed Forces figures are not adjusted for seasonal variations.

NOTE: Detail for the household data shown in tables A-33 through A-42 will not necessarily add to totals, because of the independent seasonal adjustment of the various series.

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A-34. Full- and part-time status of the civilian labor force, seasonally adjusted

[Numbers in thousands]

Full- and part-time status	1981										1982		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
FULL TIME													
Total, 16 years and over	92,549	92,825	93,324	92,526	92,971	92,773	92,801	93,359	93,607	93,856	93,129	93,421	93,863
Civilian labor force	85,996	86,383	86,693	85,949	86,606	86,378	86,044	86,155	86,062	85,729	83,324	85,523	85,505
Employed	6,553	6,442	6,831	6,577	6,365	6,403	6,757	7,204	7,545	8,127	7,805	7,897	8,355
Unemployed	7.1	6.9	7.1	7.1	6.8	6.9	7.3	7.7	8.1	8.7	8.4	8.5	8.9
Unemployment rate													
PART TIME													
Total, 16 years and over	15,751	15,960	15,868	15,924	15,808	15,971	15,662	15,690	15,721	15,399	15,853	15,632	15,470
Civilian labor force	14,319	14,499	14,350	14,462	14,337	14,525	14,160	14,198	14,125	13,982	14,337	13,951	13,926
Employed	1,432	1,461	1,518	1,462	1,471	1,546	1,502	1,492	1,596	1,417	1,515	1,681	1,544
Unemployed	9.1	9.2	9.6	9.2	9.3	9.6	9.6	9.5	10.2	9.2	9.6	10.8	10.0
Unemployment rate													

NOTE: Persons on part-time schedules for economic reasons are included in the full-time employed category; unemployed persons are allocated by whether seeking full- or part-time work.

A-35. Employment status by race, sex, and age, seasonally adjusted

[Numbers in thousands]

Race, sex, and age	1981										1982		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
WHITE													
Total, 16 years and over	94,756	95,199	95,666	94,887	95,125	95,163	94,884	95,365	95,535	95,329	95,120	95,333	95,508
Civilian labor force	88,653	89,080	89,237	88,799	89,170	89,221	88,928	89,334	88,498	88,010	87,955	87,990	87,956
Employed	6,103	6,119	6,429	6,088	5,956	5,942	6,256	6,631	7,037	7,319	7,165	7,344	7,552
Unemployed	6.4	6.4	6.7	6.4	6.3	6.2	6.6	7.0	7.4	7.7	7.5	7.7	7.9
Unemployment rate													
Males, 20 years and over	50,505	50,718	50,920	50,633	50,698	50,701	50,712	50,811	50,881	50,948	50,757	50,812	50,901
Civilian labor force	47,814	48,070	48,092	47,939	48,157	48,050	47,948	47,793	47,649	47,449	47,410	47,430	47,351
Employed	2,691	2,648	2,828	2,694	2,541	2,651	2,764	3,021	3,232	3,499	3,347	3,382	3,552
Unemployed	5.3	5.2	5.6	5.3	5.0	5.2	5.5	5.9	6.4	6.9	6.6	6.7	7.0
Unemployment rate													
Females, 20 years and over	36,106	36,274	36,597	36,490	36,612	36,554	36,294	36,742	36,932	36,733	36,698	36,860	37,038
Civilian labor force	34,061	34,197	34,422	34,404	34,481	34,534	34,155	34,517	34,513	34,368	34,380	34,427	34,475
Employed	2,045	2,077	2,175	2,086	2,131	2,020	2,139	2,225	2,319	2,365	2,319	2,433	2,564
Unemployed	5.7	5.7	5.9	5.7	5.8	5.5	5.9	6.1	6.3	6.4	6.3	6.6	6.9
Unemployment rate													
Both sexes, 16 to 19 years	8,145	8,207	8,149	7,764	7,815	7,908	7,878	7,812	7,822	7,648	7,665	7,662	7,567
Civilian labor force	6,778	6,813	6,723	6,456	6,532	6,637	6,525	6,427	6,336	6,193	6,166	6,133	6,130
Employed	1,367	1,394	1,426	1,308	1,284	1,271	1,353	1,385	1,486	1,455	1,499	1,529	1,437
Unemployed	16.8	17.0	17.5	16.8	16.4	15.1	17.2	17.7	19.0	19.0	19.6	20.0	19.3
Unemployment rate													
BLACK AND OTHER													
Total, 16 years and over	13,586	13,633	13,549	13,565	13,539	13,532	13,617	13,697	13,757	13,773	13,704	13,857	13,813
Civilian labor force	11,742	11,827	11,781	11,643	11,672	11,624	11,507	11,611	11,661	11,610	11,632	11,653	11,515
Employed	1,844	1,806	1,858	1,922	1,867	2,008	2,010	2,085	2,096	2,163	2,072	2,204	2,294
Unemployed	13.6	13.2	13.7	14.2	13.8	14.7	14.8	15.2	15.2	15.7	15.1	15.9	16.6
Unemployment rate													
Males, 20 years and over	6,517	6,498	6,547	6,479	6,484	6,556	6,551	6,573	6,595	6,614	6,563	6,649	6,620
Civilian labor force	5,800	5,796	5,779	5,682	5,722	5,745	5,715	5,711	5,694	5,647	5,630	5,688	5,622
Employed	717	702	768	797	762	811	836	862	901	967	933	961	998
Unemployed	11.0	10.8	11.7	12.3	11.3	12.4	12.8	13.1	13.7	14.6	14.2	14.5	15.1
Unemployment rate													
Females, 20 years and over	6,032	6,057	6,041	6,081	6,062	6,087	6,085	6,095	6,147	6,163	6,152	6,163	6,199
Civilian labor force	5,285	5,337	5,305	5,340	5,321	5,313	5,281	5,301	5,359	5,355	5,388	5,338	5,321
Employed	747	720	736	741	741	774	804	795	788	808	764	826	878
Unemployed	12.4	11.9	12.2	12.2	12.2	12.7	13.2	13.0	12.8	13.1	12.4	13.4	14.2
Unemployment rate													
Both sexes, 16 to 19 years	1,037	1,078	1,061	1,005	993	989	981	1,023	1,115	996	989	1,044	991
Civilian labor force	657	694	697	621	629	566	611	599	608	608	614	627	573
Employed	380	384	364	384	364	423	370	429	407	388	375	417	418
Unemployed	36.6	35.6	34.3	38.2	36.7	42.8	37.7	41.7	40.1	39.0	37.9	39.9	42.2
Unemployment rate													

HOUSEHOLD DATA
SEASONALLY ADJUSTED

A-36 Major unemployment indicators, seasonally adjusted

(Unemployment rates)

Category	1981										1982		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
CHARACTERISTIC													
Total (all civilian workers)	7.3	7.3	7.5	7.4	7.2	7.3	7.6	8.3	8.3	8.6	8.9	8.8	9.0
Males, 20 years and over	6.0	5.8	6.3	6.1	5.9	6.0	6.2	6.7	7.1	7.3	7.5	7.6	7.7
Females, 20 years and over	6.5	6.5	6.7	6.6	6.7	6.8	6.9	7.3	7.4	7.4	7.6	7.6	7.8
Both sexes, 16-19 years	19.2	19.3	19.4	19.2	18.7	19.0	19.7	20.4	21.4	21.5	21.7	22.3	23.9
White	6.4	6.4	6.7	6.6	6.3	6.5	6.8	7.3	7.6	7.7	7.9	7.7	7.9
Black and other	13.6	13.2	13.7	14.2	13.9	14.7	14.9	15.2	15.2	15.7	15.1	15.9	16.0
Married men, spouse present	4.1	3.8	4.0	4.2	3.9	4.0	4.4	4.8	5.2	5.7	5.8	5.8	5.9
Married women, spouse present	5.6	5.9	5.8	5.7	5.7	5.5	6.0	6.1	6.5	6.6	6.2	7.3	7.1
Women who maintain families	9.5	9.9	10.4	13.7	11.4	13.1	13.7	13.6	13.8	14.5	13.4	13.2	13.6
Full-time workers	7.1	6.9	7.1	7.1	6.9	6.9	7.3	7.7	8.1	8.7	8.8	8.9	8.9
Part-time workers	9.1	9.2	9.6	9.2	8.3	8.6	9.0	9.3	10.2	9.2	9.6	11.8	10.2
Unemployed 15 weeks and over	2.1	2.2	2.0	2.2	2.3	2.0	2.1	2.1	2.2	2.2	2.2	2.3	2.7
Labor force time lost	8.2	8.2	8.6	7.8	7.9	7.9	8.5	9.1	9.5	10.1	10.2	9.8	10.4
OCCUPATION													
White-collar workers	3.9	4.0	4.0	3.9	4.3	3.8	4.1	4.1	4.2	4.5	4.2	4.6	4.8
Professional and technical	2.7	3.1	2.8	2.8	2.8	2.5	2.6	2.5	2.7	3.4	2.6	3.1	3.2
Managers and administrators, except farm	2.3	2.4	2.5	2.7	2.6	2.7	2.7	2.9	3.0	3.1	2.7	3.1	3.3
Sales workers	4.1	4.2	4.6	4.1	4.9	4.2	5.0	4.9	5.0	4.9	4.5	4.6	5.9
Clerical workers	5.7	5.6	5.6	5.4	5.7	5.2	5.8	6.3	5.8	6.2	6.3	6.7	6.7
Blue-collar workers	10.3	9.7	9.9	9.8	8.3	9.5	10.1	10.9	11.8	12.7	12.5	12.5	12.9
Craft and kindred workers	7.1	6.8	7.2	7.1	6.4	7.2	7.7	8.1	8.5	9.3	9.3	9.4	9.1
Operatives, except transport	11.7	11.6	11.8	11.1	11.1	11.1	11.6	12.8	14.1	15.5	15.4	15.4	15.9
Transport equipment operatives	9.1	8.1	8.2	8.1	7.3	9.0	8.7	8.9	10.4	10.5	10.2	10.3	10.4
Nonfarm laborers	14.2	14.3	13.5	14.7	14.4	13.2	14.6	15.6	16.0	16.9	16.9	17.4	17.3
Service workers	8.3	8.5	9.4	9.4	8.3	8.9	9.2	9.3	9.7	9.6	9.2	9.8	10.2
Farm workers	5.2	3.9	5.2	6.2	4.8	5.4	6.3	6.2	5.6	6.4	6.9	4.9	5.4
INDUSTRY													
Nonagricultural private wage and salary workers	7.5	7.3	7.7	7.4	7.2	7.3	7.7	8.1	8.4	8.7	8.8	9.0	9.5
Construction	14.7	14.5	15.7	16.1	15.2	15.2	16.3	17.6	17.6	18.1	18.7	18.1	17.9
Manufacturing	8.1	7.6	7.8	7.4	7.3	7.3	7.9	8.3	9.4	11.0	10.4	11.6	10.8
Durable goods	8.9	7.5	7.4	7.1	7.1	6.5	7.7	8.5	9.5	11.8	11.0	11.3	11.6
Nondurable goods	8.3	7.9	8.6	7.9	7.6	7.9	8.3	8.6	9.3	9.6	9.5	9.5	10.8
Transportation	6.1	5.6	5.7	4.8	4.1	4.8	4.2	4.4	5.5	6.0	6.4	5.9	5.5
Wholesale and retail trade	6.6	7.5	8.3	7.7	7.6	7.8	8.5	8.6	8.6	8.9	8.7	9.0	10.3
Finance and service industries	5.9	5.8	5.8	5.8	5.7	5.7	5.8	6.2	6.1	6.4	6.4	6.5	6.9
Government workers	4.3	4.7	4.7	4.3	4.3	4.5	4.7	4.7	5.2	5.9	4.8	5.2	4.9
Agricultural wage and salary workers	12.1	8.4	11.8	13.3	13.7	12.3	11.8	13.4	14.1	14.8	15.2	12.8	14.3

(1) Unemployment as a percent of the civilian labor force.

(2) Aggregate hours lost by the unemployed and persons on part time for economic reasons.

(3) Persons at work part time for economic reasons.

(4) Includes mining, not shown separately.

A-37 Unemployed persons by duration of unemployment, seasonally adjusted

(Numbers in thousands)

Weeks of unemployment	1981										1982		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
DURATION													
Less than 5 weeks	3,277	3,189	3,378	3,393	3,323	3,326	3,529	3,707	3,852	4,037	3,852	3,789	3,825
5 to 14 weeks	2,408	2,372	2,380	2,423	2,312	2,469	2,583	2,686	2,882	3,016	3,268	3,352	3,378
15 weeks and over	2,269	2,367	2,231	2,363	2,370	2,217	2,248	2,292	2,398	2,372	2,339	2,724	2,954
15 to 26 weeks	1,057	1,048	1,091	1,227	1,096	1,078	1,146	1,166	1,229	1,183	1,210	1,445	1,605
27 weeks and over	1,212	1,319	1,170	1,136	1,274	1,139	1,102	1,126	1,135	1,183	1,143	1,278	1,349
Average (mean) duration, in weeks	13.9	13.7	13.3	14.1	14.1	14.1	13.7	13.5	13.1	12.8	13.5	14.1	13.9
Median duration, in weeks	7.1	7.6	7.3	8.7	7.9	7.9	8.9	8.8	8.9	8.7	7.2	7.3	7.6
PERCENT DISTRIBUTION													
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5 weeks	41.2	40.6	41.1	40.6	40.6	41.5	42.2	42.7	42.8	42.8	41.3	39.6	38.9
5 to 14 weeks	30.3	31.5	31.7	30.0	29.6	30.6	30.9	30.9	31.7	32.0	32.9	31.9	31.2
15 weeks and over	28.5	27.9	27.2	29.2	27.8	27.7	26.9	26.4	26.0	25.2	25.7	28.5	30.0
15 to 26 weeks	13.3	13.4	12.9	15.2	14.0	13.5	13.7	13.4	13.5	12.6	13.3	15.1	16.3
27 weeks and over	15.2	14.5	14.2	14.0	13.9	14.2	13.2	13.0	12.5	12.6	12.4	13.4	13.7

A 38. Unemployment rates by sex and age, seasonally adjusted

Sex and age	1981										1982		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
Total, 16 years and over	7.3	7.3	7.5	7.4	7.4	7.3	7.6	8.3	8.3	8.8	8.5	8.8	8.9
	19.2	19.3	19.4	19.2	18.7	19.0	19.7	20.9	21.4	21.5	21.7	22.1	21.9
	21.4	21.6	21.3	22.6	19.8	20.8	21.4	21.5	22.5	21.9	21.9	22.7	22.7
	17.5	17.2	17.7	17.5	17.8	17.6	18.5	20.8	20.8	21.2	21.3	22.0	21.3
	11.8	12.0	12.6	12.1	11.5	12.1	12.3	12.7	13.0	13.5	13.5	14.1	14.2
	5.2	5.1	5.2	5.3	5.2	5.2	5.4	5.7	6.0	6.5	6.3	6.4	6.5
	5.5	5.4	5.6	5.5	5.5	5.5	5.8	6.2	6.5	6.9	6.7	6.6	7.1
	3.6	3.4	3.4	3.5	3.5	3.5	3.8	3.8	3.8	4.1	4.2	4.3	4.5
Men, 16 years and over	7.1	6.9	7.3	7.2	6.7	7.1	7.3	7.7	8.1	8.3	8.5	8.7	9.0
	19.6	19.5	20.0	20.3	18.9	19.8	19.9	20.1	21.8	22.3	22.1	22.5	23.5
	21.7	22.5	22.1	24.3	19.9	21.5	21.5	21.1	22.7	22.6	23.0	23.0	24.3
	16.5	17.4	18.0	18.2	17.9	18.3	18.7	19.3	21.0	22.2	21.4	22.1	22.9
	13.2	13.0	13.8	12.9	11.5	12.9	13.1	13.6	14.4	14.6	14.7	15.4	15.7
	4.9	4.6	4.7	5.3	4.7	4.8	4.9	5.5	5.8	6.5	6.3	6.3	6.5
	5.1	4.9	5.1	5.2	5.3	5.2	5.5	5.9	6.3	6.9	6.7	6.7	7.1
	3.3	3.2	3.4	3.4	3.4	3.4	3.5	3.7	3.7	4.4	4.3	4.2	4.4
Women, 16 years and over	7.7	7.7	7.8	7.7	7.9	7.7	8.0	8.2	8.4	8.5	8.4	8.9	8.7
	18.5	18.4	18.7	18.4	18.5	18.2	19.5	21.7	20.9	20.5	21.2	22.1	21.1
	21.2	20.5	20.2	21.1	19.7	20.0	21.2	21.6	22.5	21.1	20.6	22.5	21.8
	18.9	17.1	17.4	16.8	17.7	15.9	18.3	22.6	19.9	23.0	21.1	23.4	19.6
	10.5	10.9	11.2	11.2	11.6	11.1	11.4	11.5	11.3	12.0	11.9	12.7	12.0
	5.8	5.7	5.8	5.7	5.9	5.6	6.0	6.1	6.4	6.4	6.3	6.5	7.0
	6.2	6.1	6.4	6.1	6.1	6.3	6.3	6.5	6.8	6.9	6.7	7.0	7.6
	4.2	3.7	3.4	3.5	3.7	3.7	4.3	4.3	3.8	4.7	4.1	4.3	4.3

A 39. Unemployed persons by reason for unemployment, seasonally adjusted

Reason for unemployment	1981										1982		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
NUMBER OF UNEMPLOYED													
Both sexes, 16 years and over	3,989	3,958	4,032	4,173	3,997	4,106	4,426	4,521	4,695	5,343	5,205	5,453	5,622
Job losers	1,323	1,303	1,357	1,331	1,225	1,276	1,452	1,631	1,826	2,042	1,869	1,740	1,828
On layoff	2,666	2,655	2,675	2,841	2,642	2,830	2,974	2,982	3,079	3,301	3,335	3,713	3,794
Other job losers	401	403	1,324	876	926	879	921	976	836	923	835	994	985
Job leavers	2,069	2,049	2,135	2,039	2,078	2,334	2,258	2,178	2,339	2,244	2,079	2,277	2,249
Reentrants	988	988	990	973	940	971	977	1,002	996	1,021	1,055	1,130	1,044
New entrants													
PERCENT DISTRIBUTION													
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers	50.2	50.1	49.8	51.6	49.5	51.4	52.9	52.4	53.5	56.1	56.7	54.5	57.4
On layoff	18.6	18.5	18.9	18.1	15.7	18.3	17.3	18.7	19.9	21.4	20.3	19.3	18.7
Other job losers	33.5	33.6	33.0	35.5	33.8	33.4	33.5	33.7	33.6	34.6	36.5	35.9	38.7
Job leavers	11.3	11.4	12.4	11.1	11.9	11.0	11.0	11.2	10.0	9.7	9.1	10.2	9.0
Reentrants	25.9	25.9	26.0	25.4	25.5	25.5	25.6	25.3	25.5	23.5	22.7	24.0	22.9
New entrants	12.4	12.5	11.8	12.0	12.0	12.2	11.7	11.5	10.9	10.7	11.5	11.6	10.7
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE													
Total unemployed	3.7	3.6	3.7	3.8	3.6	3.8	4.1	4.2	4.3	4.9	4.8	4.7	5.1
Job losers	.8	.8	.9	.8	.9	.8	.9	.9	.8	.8	.8	.9	.9
Job leavers	1.9	1.9	1.9	1.9	1.8	1.9	1.9	2.0	2.1	2.1	1.9	2.1	2.1
Reentrants	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	1.0	1.0	1.0
New entrants													

HOUSEHOLD DATA
SEASONALLY ADJUSTED

A 40 Employed persons by sex and age: seasonally adjusted

(In thousands)

Sex and age	1981										1982		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
Total, 16 years and over	100,406	100,674	101,245	100,433	100,804	100,843	100,255	100,343	100,172	99,613	99,581	99,593	99,492
16 to 19 years	7,423	7,522	7,424	7,076	7,160	7,238	7,139	7,025	6,940	6,776	6,771	6,748	6,679
16 to 17 years	2,976	3,012	2,949	2,729	2,835	2,840	2,836	2,764	2,766	2,703	2,705	2,693	2,642
18 to 19 years	4,453	4,490	4,484	4,350	4,326	4,345	4,329	4,260	4,192	4,088	4,065	4,067	4,060
20 to 24 years	14,166	14,178	14,173	14,094	14,264	14,194	14,389	14,078	13,970	13,835	13,818	13,748	13,811
25 years and over	78,807	79,180	79,461	79,333	79,464	79,453	78,928	79,226	79,202	78,881	78,960	79,045	78,978
25 to 54 years	64,246	64,565	64,795	64,754	64,930	65,014	64,579	64,829	64,868	64,567	64,722	64,858	64,844
55 years and over	14,552	14,596	14,649	14,542	14,535	14,471	14,372	14,377	14,337	14,332	14,262	14,158	14,249
Males, 16 years and over	57,531	57,792	57,743	57,274	57,640	57,551	57,471	57,259	57,051	56,725	56,629	56,659	56,472
16 to 19 years	3,913	3,972	3,939	3,682	3,766	3,783	3,776	3,762	3,697	3,603	3,582	3,561	3,466
16 to 17 years	1,577	1,582	1,543	1,412	1,498	1,501	1,533	1,522	1,495	1,448	1,446	1,419	1,387
18 to 19 years	2,383	2,374	2,373	2,260	2,261	2,257	2,260	2,241	2,208	2,163	2,134	2,124	2,094
20 to 24 years	7,522	7,521	7,531	7,483	7,646	7,592	7,523	7,449	7,373	7,280	7,321	7,288	7,246
25 years and over	46,097	46,300	46,274	46,109	46,253	46,244	46,193	46,049	45,980	45,709	45,686	45,780	45,762
25 to 54 years	37,270	37,452	37,562	37,494	37,597	37,565	37,519	37,406	37,364	37,092	37,127	37,235	37,173
55 years and over	8,825	8,841	8,814	8,729	8,736	8,679	8,655	8,621	8,590	8,608	8,582	8,523	8,578
Females, 16 years and over	42,875	43,086	43,252	43,151	43,224	43,289	43,247	43,377	43,121	42,888	42,952	42,932	43,020
16 to 19 years	3,510	3,550	3,485	3,394	3,414	3,448	3,361	3,263	3,243	3,173	3,189	3,187	3,213
16 to 17 years	1,399	1,430	1,406	1,317	1,337	1,339	1,303	1,247	1,273	1,255	1,259	1,251	1,255
18 to 19 years	2,110	2,122	2,105	2,090	2,065	2,088	2,061	2,019	1,984	1,925	1,931	1,944	1,966
20 to 24 years	6,644	6,657	6,643	6,611	6,618	6,602	6,563	6,629	6,597	6,555	6,495	6,583	6,565
25 years and over	32,710	32,880	33,088	33,162	33,281	33,289	32,863	33,182	33,282	33,172	33,274	33,256	33,216
25 to 54 years	26,976	27,113	27,238	27,306	27,423	27,449	27,157	27,423	27,504	27,475	27,595	27,618	27,675
55 years and over	5,727	5,755	5,826	5,853	5,849	5,842	5,714	5,759	5,747	5,724	5,701	5,635	5,721

A 41 Unemployed persons by sex and age: seasonally adjusted

(In thousands)

Sex and age	1981										1982		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
Total, 16 years and over	7,956	7,899	8,283	8,004	7,824	7,978	8,216	8,059	9,100	9,571	9,298	9,575	9,854
16 to 19 years	1,761	1,766	1,732	1,833	1,659	1,694	1,743	1,831	1,886	1,951	1,872	1,885	1,970
16 to 17 years	812	828	799	791	699	746	772	757	806	754	760	792	775
18 to 19 years	952	937	934	924	938	931	981	1,062	1,080	1,096	1,093	1,149	1,094
20 to 24 years	1,896	1,939	2,047	1,942	1,847	1,949	1,972	2,054	2,388	2,186	2,161	2,271	2,293
25 years and over	4,303	4,213	4,331	4,398	4,324	4,328	4,540	4,828	5,091	5,481	5,282	5,401	5,748
25 to 54 years	3,793	3,683	3,771	3,845	3,786	3,811	4,010	4,255	4,536	4,804	4,649	4,756	5,065
55 years and over	549	509	559	522	514	525	572	574	582	620	624	632	691
Males, 16 years and over	4,375	4,300	4,571	4,415	4,171	4,385	4,509	4,743	5,133	5,578	5,338	5,394	5,610
16 to 19 years	965	963	976	918	873	926	937	947	1,028	1,035	1,016	1,033	1,052
16 to 17 years	436	459	442	445	372	411	421	406	438	424	433	429	445
18 to 19 years	531	499	521	502	494	505	521	537	587	616	581	604	621
20 to 24 years	1,121	1,122	1,230	1,106	1,005	1,120	1,131	1,194	1,245	1,278	1,264	1,324	1,346
25 years and over	2,321	2,237	2,253	2,405	2,292	2,361	2,455	2,673	2,834	3,199	3,055	3,071	3,287
25 to 54 years	2,020	1,927	2,001	2,065	1,990	2,067	2,173	2,343	2,522	2,762	2,666	2,675	2,823
55 years and over	298	289	337	311	310	303	317	333	333	397	383	377	431
Females, 16 years and over	3,583	3,599	3,677	3,589	3,653	3,593	3,733	3,871	3,967	3,993	3,960	4,191	4,243
16 to 19 years	796	803	806	765	786	768	812	854	858	816	856	905	808
16 to 17 years	376	369	357	346	327	335	351	349	370	335	327	364	330
18 to 19 years	421	438	448	422	444	426	462	525	493	482	537	545	478
20 to 24 years	775	817	841	836	842	829	841	863	843	893	877	947	947
25 years and over	2,022	1,976	2,051	1,993	2,032	1,967	2,085	2,153	2,257	2,282	2,228	2,333	2,501
25 to 54 years	1,773	1,756	1,870	1,780	1,796	1,752	1,837	1,909	2,014	2,042	1,987	2,081	2,245
55 years and over	251	220	202	211	224	223	255	241	229	223	241	253	260

A-42. Employed persons by selected social and economic categories, seasonally adjusted

(In thousands)

Category	1981										1982		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
CHARACTERISTIC													
Total, 16 years and over	100406	100678	101045	100433	100804	100840	100258	100343	100172	99,613	99,581	99,590	99,492
Married men, spouse present	39,036	39,186	39,120	38,930	38,961	38,961	38,855	38,745	38,553	38,342	38,234	38,255	38,181
Married women, spouse present	23,920	23,979	24,192	24,106	24,159	24,043	23,826	23,874	23,820	23,691	23,744	23,727	23,903
OCCUPATION													
White-collar workers	52,860	52,855	53,116	52,957	52,907	53,141	52,908	53,199	53,386	53,084	52,836	52,941	52,761
Professional and technical	16,219	16,178	16,093	16,410	16,364	16,621	16,598	16,681	16,657	16,774	16,803	16,612	16,659
Managers and administrators, except farm	11,725	11,616	11,488	11,411	11,578	11,460	11,533	11,616	11,461	11,624	11,091	11,253	11,311
Sales workers	6,372	6,280	6,562	6,513	6,373	6,490	6,441	6,403	6,418	6,450	6,520	6,544	6,537
Clerical workers	18,544	18,771	18,973	18,623	18,592	18,572	18,336	18,502	18,552	18,436	18,423	18,432	18,855
Blue-collar workers	31,288	31,385	31,796	31,538	31,580	31,611	31,266	30,953	30,683	30,384	30,203	30,389	30,416
Craft and kindred workers	12,826	12,825	12,911	12,749	12,787	12,724	12,514	12,445	12,411	12,446	12,370	12,454	12,511
Operatives, except transport	10,464	10,591	10,716	10,703	10,719	10,658	10,524	10,410	10,220	10,169	9,966	9,955	9,860
Transport equipment operatives	3,447	3,483	3,456	3,493	3,526	3,530	3,536	3,583	3,438	3,368	3,415	3,503	3,397
Nonfarm laborers	4,551	4,686	4,703	4,593	4,548	4,599	4,722	4,517	4,514	4,361	4,451	4,397	4,648
Service workers	13,478	13,468	13,470	13,214	13,526	13,282	13,391	13,525	13,670	13,639	13,799	13,612	13,526
Farm workers	2,730	2,826	2,748	2,710	2,727	2,753	2,743	2,773	2,802	2,660	2,817	2,787	2,713
MAJOR INDUSTRY AND CLASS OF WORKER													
Agriculture	1,391	1,560	1,499	1,437	1,495	1,501	1,461	1,502	1,436	1,352	1,377	1,426	1,416
Wage and salary workers	1,038	1,661	1,654	1,664	1,593	1,538	1,643	1,681	1,561	1,602	1,574	1,596	1,664
Self-employed workers	299	286	235	263	244	256	256	261	321	228	380	359	277
Unpaid family workers													
Nonagricultural industries	89,592	89,913	90,402	89,508	89,971	89,995	89,375	89,460	89,238	88,991	88,759	88,586	88,525
Wage and salary workers	15,930	15,985	15,776	15,707	15,637	15,526	15,475	15,491	15,397	15,585	15,578	15,527	15,692
Government	73,662	74,028	74,626	73,801	74,334	74,469	73,901	73,969	73,841	73,406	73,181	73,059	73,334
Private industries	1,242	1,249	1,192	1,177	1,216	1,259	1,102	1,162	1,204	1,291	1,248	1,161	1,225
Private households	72,420	72,779	73,434	72,624	73,118	73,210	72,799	72,807	72,637	72,115	71,932	71,898	71,809
Other industries	7,065	7,158	6,966	7,128	7,071	7,033	7,217	7,152	7,141	7,057	6,971	7,055	7,126
Self-employed workers	374	325	356	376	369	387	399	451	425	410	413	408	439
Unpaid family workers													
PERSONS AT WORK[1]													
Nonagricultural industries	91,405	91,294	91,745	91,500	92,582	91,569	90,878	91,384	91,323	90,922	90,125	90,892	90,569
Full time schedules	74,453	74,259	74,871	74,693	75,620	74,457	73,794	73,886	73,915	73,360	72,803	73,028	72,669
Part time for economic reasons	4,290	4,200	4,264	4,333	4,374	4,352	4,656	5,009	5,026	5,288	5,071	5,563	5,717
Usually work full time	1,660	1,583	1,657	1,465	1,680	1,729	1,759	2,005	1,945	2,121	1,783	2,193	2,237
Usually work part time	2,630	2,617	2,607	2,868	2,694	2,621	2,897	3,003	3,081	3,167	3,287	3,370	3,480
Part time for noneconomic reasons	12,662	12,835	12,610	12,774	12,538	12,752	12,428	12,489	12,382	12,274	12,251	12,330	12,183

[1] Excludes persons "with a job but not at work" during the survey period for such reasons as vacation, illness, or industrial dispute.

HOUSEHOLD DATA

A-43. Employment status of male Vietnam-era veterans and nonveterans by age

(Numbers in thousands)

Veteran status and age	Not seasonally adjusted									
	Civilian noninstitutional population		Civilian labor force							
			Total		Employed		Unemployed			
							Number		Percent of labor force	
	Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982	Mar. 1981	Mar. 1982
VETERANS										
Total, 25 years and over	8,475	8,668	8,049	8,186	7,535	7,439	509	747	6.3	9.1
25 to 39 years	7,316	7,216	7,038	6,909	6,561	6,225	477	684	6.8	9.9
25 to 29 years	1,548	1,302	1,491	1,209	1,286	1,004	155	205	10.8	17.0
30 to 34 years	3,421	3,359	3,315	2,924	3,111	2,648	204	276	6.2	9.4
35 to 39 years	2,347	2,855	2,282	2,776	2,164	2,573	118	203	5.2	7.3
40 years and over	1,159	1,452	1,006	1,277	974	1,214	32	63	3.2	4.9
NONVETERANS										
Total, 25 to 39 years	16,939	17,907	16,060	16,961	15,008	15,491	1,052	1,473	6.6	8.7
25 to 29 years	7,766	8,072	7,290	7,595	6,716	6,796	574	799	7.9	10.5
30 to 34 years	5,300	5,825	5,074	5,567	4,784	5,145	290	422	5.7	7.6
35 to 39 years	3,873	4,010	3,696	3,799	3,508	3,550	188	249	5.1	6.6

NOTE: Vietnam-era veterans are males who served in the Armed Forces between August 5, 1964 and May 7, 1975. Nonveterans are males who have never served in the Armed Forces; published data are limited to those 25 to 39 years of age, the group that most closely corresponds to the bulk of the Vietnam-era veteran population.

A 44 Employment status of the noninstitutional population by sex, age, and race, seasonally adjusted

[Numbers in thousands]

Employment status, sex, age, and race	1979				1980				1981				1982
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
TOTAL													
Total noninstitutional population[1]	165,849	166,540	167,287	168,193	168,848	169,506	170,222	170,815	171,403	171,966	172,567	173,150	173,665
Armed Forces[1]	2,093	2,079	2,088	2,091	2,086	2,091	2,111	2,121	2,124	2,129	2,155	2,160	2,168
Civilian noninstitutional population[1]	163,756	164,461	165,200	166,055	166,762	167,415	168,111	168,693	169,279	169,837	170,413	170,990	171,497
Civilian labor force	124,327	124,376	125,284	125,972	126,454	126,771	127,204	127,523	128,107	128,335	128,667	129,156	129,130
Percent of civilian population	63.7	63.4	63.7	63.8	63.8	63.8	63.8	63.7	63.9	64.1	63.8	63.8	63.6
Employed	98,206	98,349	99,112	99,653	99,784	98,953	99,005	99,493	100,125	100,784	100,654	100,043	99,554
Percent of total population	59.2	59.1	59.2	59.3	59.1	58.4	58.2	58.2	58.4	58.6	58.3	57.8	57.3
Agriculture	3,346	3,294	3,371	3,377	3,374	3,331	3,349	3,406	3,378	3,408	3,368	3,323	3,378
Nonagricultural industries	94,860	95,055	95,741	96,275	96,411	95,622	95,657	96,088	96,747	97,377	97,286	96,723	96,177
Unemployed	6,121	5,967	6,152	6,319	6,670	7,818	8,199	8,025	7,982	8,050	8,013	9,113	9,575
Unemployment rate	5.9	5.7	5.8	6.0	6.3	7.3	7.6	7.5	7.4	7.4	7.4	8.3	8.8
Males, 20 years and over													
Total noninstitutional population[1]	70,837	71,179	71,548	71,968	72,293	72,620	72,984	73,309	73,609	73,928	74,272	74,609	74,910
Civilian noninstitutional population[1]	69,173	69,516	69,867	70,291	70,640	70,963	71,313	71,634	71,946	72,251	72,567	72,912	73,205
Civilian labor force	55,394	55,378	55,753	55,958	56,221	56,404	56,602	56,770	56,882	57,243	57,225	57,493	57,457
Percent of civilian population	80.1	79.7	79.8	79.6	79.6	79.5	79.4	79.3	79.1	79.2	78.9	78.9	78.5
Employed	53,121	53,183	53,837	53,998	53,478	52,887	52,849	53,211	53,448	53,767	53,786	53,327	53,050
Percent of total population	75.0	74.7	74.7	74.3	74.0	72.8	72.4	72.6	72.6	72.7	72.4	71.5	70.8
Agriculture	2,366	2,345	2,405	2,431	2,449	2,374	2,372	2,391	2,373	2,396	2,396	2,369	2,388
Nonagricultural industries	50,755	50,838	51,432	51,567	51,029	50,514	50,477	50,820	51,078	51,371	51,390	50,958	50,666
Unemployed	2,273	2,195	2,316	2,461	2,743	3,517	3,753	3,559	3,435	3,476	3,442	4,166	4,407
Unemployment rate	4.1	4.0	4.2	4.4	4.9	6.2	6.6	6.3	6.0	6.1	6.0	7.2	7.7
Females, 20 years and over													
Total noninstitutional population[1]	78,018	78,394	78,799	79,248	79,631	79,998	80,403	80,754	81,108	81,458	81,826	82,191	82,526
Civilian noninstitutional population[1]	77,908	78,282	78,673	79,126	79,506	79,869	80,265	80,615	80,966	81,312	81,675	82,036	82,368
Civilian labor force	39,188	39,316	39,949	40,381	40,719	40,973	41,257	41,492	41,986	42,507	42,564	42,902	43,047
Percent of civilian population	50.3	50.2	50.8	51.0	51.2	51.3	51.4	51.5	51.9	52.3	52.1	52.3	52.3
Employed	36,899	37,065	37,569	38,085	38,351	38,349	38,564	38,714	39,202	39,677	39,692	39,802	39,772
Percent of total population	47.3	47.3	47.8	48.1	48.2	47.9	48.0	47.9	48.3	48.7	48.5	48.4	48.2
Unemployed	2,289	2,251	2,380	2,295	2,368	2,624	2,693	2,778	2,785	2,830	2,872	3,100	3,275
Unemployment rate	5.8	5.7	5.7	5.7	5.8	6.4	6.5	6.7	6.6	6.7	6.7	7.2	7.6
Both sexes, 16-19 years													
Total noninstitutional population[1]	16,994	16,967	16,942	16,933	16,924	16,888	16,837	16,752	16,686	16,580	16,469	16,350	16,228
Civilian noninstitutional population[1]	16,675	16,664	16,653	16,637	16,616	16,584	16,532	16,442	16,367	16,275	16,171	16,042	15,923
Civilian labor force	9,745	9,622	9,562	9,633	9,513	9,394	9,345	9,260	9,238	9,084	8,875	8,761	8,626
Percent of civilian population	58.4	57.7	57.4	57.9	57.3	56.6	56.5	56.3	56.4	55.8	54.9	54.6	54.2
Employed	8,186	8,081	8,005	8,070	7,955	7,717	7,593	7,573	7,476	7,341	7,175	6,914	6,733
Percent of total population	48.2	47.6	47.3	47.7	47.0	45.7	45.1	45.2	44.8	44.3	43.6	42.3	41.5
Unemployed	1,559	1,541	1,556	1,563	1,558	1,677	1,752	1,687	1,762	1,744	1,699	1,847	1,893
Unemployment rate	16.0	16.0	16.3	16.2	16.4	17.9	18.7	18.2	19.1	19.2	19.1	21.1	21.9
White													
Total noninstitutional population[1]	144,633	145,200	145,826	146,529	146,926	147,469	148,068	148,528	148,779	149,305	149,819	150,302	150,599
Civilian noninstitutional population[1]	142,969	143,553	144,184	144,895	145,308	145,855	146,439	146,889	147,148	147,671	148,168	148,650	148,943
Civilian labor force	91,423	91,371	92,184	92,795	93,277	93,550	93,738	94,003	94,547	95,251	95,058	95,410	95,320
Percent of civilian population	63.9	63.6	63.9	64.0	64.2	64.1	64.0	64.0	64.3	64.5	64.2	64.2	64.0
Employed	86,797	86,880	87,422	87,958	88,183	87,466	87,388	87,845	88,381	89,039	89,006	88,414	87,967
Percent of total population	60.0	59.8	59.9	60.3	60.0	59.3	59.0	59.1	59.4	59.6	59.4	58.8	58.4
Unemployed	4,626	4,491	4,762	4,837	5,094	6,084	6,350	5,173	6,166	6,212	6,051	6,996	7,354
Unemployment rate	5.1	4.9	5.1	5.2	5.5	6.5	6.8	5.6	6.5	6.5	6.4	7.3	7.7
Black and other													
Total noninstitutional population[1]	21,216	21,340	21,462	21,618	21,923	22,036	22,154	22,288	22,624	22,661	22,751	22,849	23,066
Civilian noninstitutional population[1]	20,787	20,908	21,015	21,153	21,454	21,561	21,671	21,805	22,131	22,166	22,249	22,341	22,554
Civilian labor force	12,897	12,964	13,095	13,187	13,175	13,251	13,458	13,489	13,530	13,616	13,596	13,742	13,790
Percent of civilian population	62.0	62.0	62.3	62.3	61.4	61.5	62.1	61.9	61.1	61.4	61.1	61.5	61.1
Employed	11,410	11,476	11,667	11,705	11,616	11,496	11,606	11,632	11,744	11,750	11,634	11,627	11,500
Percent of total population	53.8	53.8	54.4	54.1	53.0	52.2	52.4	52.2	51.9	51.9	51.1	50.9	50.3
Unemployed	1,488	1,488	1,428	1,482	1,559	1,755	1,853	1,857	1,786	1,865	1,962	2,115	2,190
Unemployment rate	11.5	11.5	10.9	11.2	11.8	13.2	13.3	13.9	13.2	13.7	14.4	15.4	15.9

[1] The population and Armed Forces figures are not adjusted for seasonal variations.

NOTE: Detail for the household data shown in tables A 44 through A 53 will not necessarily add to totals because of the independent seasonal adjustment of the various series.

HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES

A-45. Full- and part-time status of the civilian labor force by sex and age, seasonally adjusted

(Numbers in thousands)

Full- and part-time status, sex, and age	1979				1980				1981				1982
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
FULL TIME													
Total, 16 years and over	88,933	89,169	89,745	90,304	90,601	91,193	91,559	92,001	92,432	92,892	92,950	93,037	93,473
Civilian labor force	84,189	84,540	84,916	85,391	85,297	84,736	84,735	85,313	85,835	86,342	86,343	85,982	85,851
Employed[1]	4,744	4,629	4,839	4,973	5,305	6,457	6,824	6,691	6,567	6,550	6,507	7,025	6,814
Unemployed	5.3	5.2	5.4	5.5	5.9	7.0	7.5	7.3	7.1	7.1	7.0	8.1	8.0
Unemployment rate													
Males, 20 years and over	52,657	52,710	52,907	53,099	53,216	53,506	53,790	53,944	53,950	54,387	54,330	54,633	54,459
Civilian labor force	50,561	50,499	50,774	50,809	50,662	50,221	50,197	50,552	50,715	51,145	51,110	50,696	50,285
Employed[1]	2,097	2,210	2,134	2,289	2,554	3,285	3,593	3,393	3,235	3,242	3,222	3,937	3,175
Unemployed	4.0	4.4	4.0	4.3	4.8	6.1	6.7	6.3	6.0	6.0	5.9	7.2	7.3
Unemployment rate													
Females, 20 years and over	31,021	31,246	31,633	32,028	32,201	32,663	32,847	33,129	33,549	33,780	33,986	34,295	34,397
Civilian labor force	29,228	29,461	29,931	30,231	30,403	30,521	30,625	30,804	31,225	31,465	31,556	31,681	31,671
Employed[1]	1,793	1,784	1,803	1,797	1,858	2,142	2,221	2,316	2,323	2,314	2,330	2,618	2,727
Unemployed	5.8	5.7	5.7	5.6	5.8	6.6	6.8	7.3	6.9	6.9	6.9	7.6	7.9
Unemployment rate													
Both sexes, 16 - 19 years	5,255	5,214	5,184	5,237	5,123	5,023	4,922	4,935	4,934	4,725	4,632	4,575	4,622
Civilian labor force	4,401	4,379	4,312	4,350	4,232	4,044	3,912	3,954	3,895	3,732	3,677	3,635	3,505
Employed[1]	854	835	872	887	893	980	1,013	982	1,009	994	956	1,070	1,117
Unemployed	16.3	16.0	16.8	16.9	17.4	19.5	20.5	19.9	20.6	21.0	20.6	22.9	24.2
Unemployment rate													
PART TIME													
Total, 16 years and over	15,354	15,144	15,595	15,608	15,813	15,566	15,736	15,523	15,670	15,917	15,967	15,933	15,952
Civilian labor force	13,972	13,809	14,251	14,264	14,443	14,180	14,365	14,179	14,242	14,437	14,341	14,382	14,372
Employed[1]	1,382	1,335	1,344	1,344	1,371	1,386	1,371	1,350	1,427	1,480	1,506	1,552	1,580
Unemployed	9.0	8.8	8.6	8.6	8.7	8.9	8.7	8.7	9.1	9.3	9.5	9.6	10.1
Unemployment rate													
Males, 20 years and over	2,703	2,715	2,835	2,871	2,948	2,921	2,821	2,845	2,887	2,876	2,954	2,875	2,947
Civilian labor force	2,532	2,539	2,641	2,693	2,761	2,720	2,642	2,665	2,685	2,673	2,754	2,638	2,735
Employed[1]	171	175	195	178	187	201	179	181	202	203	200	238	212
Unemployed	6.3	6.5	6.9	6.2	6.3	6.9	6.4	6.4	7.0	7.1	6.8	8.3	8.2
Unemployment rate													
Females, 20 years and over	8,175	8,061	8,342	8,335	8,478	8,244	8,419	8,355	8,455	8,715	8,688	8,594	8,673
Civilian labor force	7,671	7,606	7,875	7,845	7,962	7,807	7,964	7,891	7,984	8,192	8,158	8,198	8,110
Employed[1]	504	455	467	493	517	487	455	464	471	524	530	496	559
Unemployed	6.2	5.6	5.6	5.9	6.1	5.9	5.4	5.5	5.6	6.0	6.1	5.7	6.5
Unemployment rate													
Both sexes, 16 - 19 years	4,476	4,369	4,417	4,402	4,387	4,351	4,496	4,323	4,328	4,326	4,255	4,333	4,335
Civilian labor force	3,769	3,664	3,735	3,726	3,720	3,652	3,759	3,643	3,573	3,572	3,518	3,356	3,256
Employed[1]	706	704	682	676	667	699	737	704	754	753	736	777	779
Unemployed	15.8	15.1	15.4	15.4	15.2	15.1	15.4	16.3	17.4	17.4	17.3	18.8	19.3
Unemployment rate													

[1] Persons on part-time schedules for economic reasons are included in the full-time employed category; unemployed persons are allocated by whether seeking full- or part-time work.

A-46. Employment status by race, sex, and age, seasonally adjusted

(Numbers in thousands)

Employment status, race, sex, and age	1979				1980				1981				1982
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
WHITE													
Total, 16 years and over	91,423	91,371	92,144	92,795	93,277	93,550	93,738	94,015	94,547	95,251	95,358	95,410	95,320
Civilian labor force	86,797	86,880	87,422	87,958	88,183	87,466	87,388	87,845	88,381	89,039	89,006	88,414	87,967
Employed	4,626	4,491	4,722	4,837	5,094	6,084	6,350	6,173	6,166	6,212	6,351	6,996	7,354
Unemployed	5.1	4.9	5.1	5.2	5.5	6.5	6.8	6.6	6.5	6.5	6.4	7.3	7.7
Unemployment rate													
Males, 20 years and over	49,171	49,143	49,406	49,587	49,863	50,062	50,148	50,289	50,383	50,757	50,704	50,480	50,824
Civilian labor force	47,443	47,474	47,594	47,684	47,739	47,282	47,189	47,480	47,665	48,034	48,052	47,629	47,397
Employed	1,728	1,669	1,812	1,903	2,124	2,780	2,959	2,809	2,718	2,723	2,652	3,251	3,427
Unemployed	3.5	3.4	3.7	3.8	4.3	5.6	5.9	5.6	5.4	5.4	5.2	6.4	6.7
Unemployment rate													
Females, 20 years and over	33,686	33,711	34,263	34,639	34,960	35,143	35,332	35,528	35,979	36,454	36,497	36,769	36,865
Civilian labor force	31,909	32,351	32,562	32,933	33,174	33,169	33,289	33,472	33,910	34,341	34,393	34,466	34,827
Employed	1,706	1,660	1,731	1,726	1,786	1,975	2,343	2,055	2,368	2,113	2,097	2,303	2,838
Unemployed	5.1	4.9	5.0	5.0	5.1	5.6	6.8	5.8	5.7	5.8	5.7	6.3	6.9
Unemployment rate													
Both sexes, 16 to 19 years	8,637	8,517	8,475	8,569	8,454	8,345	8,257	8,198	8,185	8,040	7,867	7,761	7,631
Civilian labor force	7,445	7,355	7,266	7,361	7,270	7,315	6,910	6,893	6,806	6,664	6,565	6,319	6,143
Employed	1,192	1,162	1,208	1,208	1,184	1,330	1,347	1,305	1,379	1,376	1,303	1,442	1,488
Unemployed	13.8	13.6	14.3	14.1	14.0	15.9	16.3	15.9	16.9	17.1	15.6	18.6	19.5
Unemployment rate													
BLACK AND OTHER													
Total, 16 years and over	12,897	12,984	13,095	13,187	13,175	13,251	13,450	13,489	13,530	13,616	13,596	13,742	13,790
Civilian labor force	11,410	11,476	11,567	11,705	11,616	11,496	11,606	11,632	11,744	11,750	11,634	11,627	11,600
Employed	1,488	1,488	1,428	1,482	1,559	1,755	1,953	1,857	1,786	1,865	1,962	2,115	2,193
Unemployed	13.5	13.5	12.9	13.2	13.8	15.2	16.8	15.9	15.2	15.7	16.9	18.4	18.9
Unemployment rate													
Males, 20 years and over	6,217	6,258	6,347	6,356	6,345	6,364	6,463	6,467	6,488	6,508	6,530	6,594	6,611
Civilian labor force	5,676	5,734	5,832	5,801	5,733	5,628	5,652	5,716	5,784	5,752	5,727	5,684	5,647
Employed	541	524	515	556	611	736	811	751	700	756	803	910	964
Unemployed	8.7	8.4	8.1	8.7	9.6	11.5	12.5	11.6	10.8	11.6	12.3	13.8	14.6
Unemployment rate													
Females, 20 years and over	6,569	6,510	6,577	5,756	5,756	5,837	5,916	5,962	5,992	6,060	6,073	6,135	6,171
Civilian labor force	4,984	5,029	5,133	5,188	5,181	5,176	5,270	5,241	5,286	5,327	5,305	5,338	5,349
Employed	561	580	574	568	574	663	646	721	706	732	773	797	823
Unemployed	10.4	10.3	10.1	9.9	10.0	11.4	10.9	12.1	11.8	12.1	12.7	13.0	13.3
Unemployment rate													
Both sexes, 16 to 19 years	1,196	1,197	1,171	1,075	1,075	1,050	1,080	1,060	1,054	1,048	988	1,013	1,008
Civilian labor force	750	713	732	717	701	695	684	676	673	671	632	605	605
Employed	396	384	339	358	374	355	396	384	381	377	386	408	403
Unemployed	32.8	35.0	31.6	33.3	34.8	33.8	36.6	36.2	36.1	36.0	39.0	40.3	40.0
Unemployment rate													

HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES

A-47. Major unemployment indicators, seasonally adjusted

[Unemployment rates]

Category	1979				1980				1981				1982
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
CHARACTERISTIC													
Total (all civilian workers)	5.9	5.7	5.8	5.8	6.1	7.3	7.6	7.5	7.4	7.4	7.4	8.1	8.8
Males, 20 years and over	4.1	4.0	4.2	4.4	4.3	5.2	5.6	6.3	6.0	6.1	6.0	7.2	7.7
Females, 20 years and over	5.8	5.7	5.7	5.7	5.8	6.4	6.5	6.7	6.6	6.7	6.7	7.2	7.6
Both sexes, 16-19 years	16.3	16.3	16.3	16.2	16.4	17.9	18.7	18.2	19.1	19.2	19.1	21.1	21.9
White	5.1	4.9	5.1	5.2	5.5	6.5	6.8	6.6	6.5	6.5	6.6	7.3	7.7
Black and other	11.5	11.5	10.9	11.2	11.8	13.2	13.6	13.8	13.2	13.7	13.4	15.4	15.9
Married men, spouse present	2.7	2.6	2.8	3.0	3.4	4.4	4.8	4.4	4.1	4.0	4.1	5.2	5.4
Married women, spouse present	5.3	5.1	5.1	5.1	5.3	5.9	6.1	5.9	5.9	5.8	5.7	6.4	6.5
Women who maintain families	8.2	8.6	8.1	8.4	8.8	8.7	9.1	10.1	9.9	10.3	10.7	10.6	10.4
Full-time workers	5.3	5.2	5.4	5.5	5.9	7.0	7.5	7.3	7.1	7.1	7.0	8.1	8.6
Part-time workers	8.3	8.8	8.6	8.6	8.7	8.9	8.7	8.7	9.1	9.3	9.5	9.6	10.1
Unemployed 15 weeks and over[1]	1.2	1.2	1.1	1.2	1.3	1.6	2.0	2.2	2.2	2.1	2.3	2.1	2.5
Labor force time lost[2]	6.3	6.3	6.3	6.5	6.8	8.1	8.3	8.3	8.2	8.2	8.1	9.6	10.1
OCCUPATION													
White collar workers	3.4	3.3	3.4	3.3	3.4	3.7	3.8	3.9	3.9	4.0	4.0	4.3	4.5
Professional and technical	2.4	2.2	2.5	2.4	2.3	2.5	2.5	2.5	2.7	2.9	2.7	2.9	3.1
Managers and administrators, except farm	2.1	2.1	2.2	2.1	2.2	2.5	2.5	2.5	2.5	2.6	2.7	2.9	2.9
Sales workers	4.1	4.1	3.8	3.8	4.3	4.6	4.2	4.5	4.2	4.4	4.9	4.9	5.3
Clerical workers	4.8	4.6	4.7	4.8	4.7	5.3	5.5	5.5	5.6	5.6	5.7	6.1	6.4
Blue collar workers	6.7	6.7	7.0	7.5	8.2	10.5	11.1	10.6	10.1	9.8	9.7	11.8	12.6
Craft and kindred workers	4.7	4.2	4.4	4.8	5.3	7.1	7.6	7.1	7.1	7.1	7.2	8.7	8.8
Operatives, except transport	8.1	8.2	8.6	9.2	9.8	13.3	13.5	12.9	12.0	11.5	11.3	14.1	15.6
Transport equipment operatives	5.3	5.5	5.6	5.6	6.9	9.0	10.0	9.9	8.9	8.1	8.0	9.6	10.3
Nonfarm laborers	10.2	10.8	11.0	11.7	12.8	15.3	15.8	14.8	14.7	14.1	14.3	16.2	17.6
Service workers	7.6	7.2	7.0	6.9	7.2	8.0	8.3	8.2	8.4	9.0	8.6	9.5	9.7
Farm workers	3.4	3.6	4.1	4.5	4.3	4.8	4.9	4.3	5.0	5.1	4.7	6.3	5.9
INDUSTRY													
Nonagricultural private wage and salary workers[3]	5.9	5.8	5.8	5.9	6.3	7.7	7.9	7.7	7.5	7.4	7.4	8.5	9.1
Construction	10.9	9.8	9.4	10.6	12.0	15.3	16.1	14.2	14.0	15.4	15.9	17.8	18.2
Manufacturing	5.2	5.4	5.8	6.1	6.8	9.3	9.4	9.3	9.4	7.6	7.4	9.7	10.6
Durable goods	4.6	4.6	5.2	5.8	6.7	9.8	10.1	9.2	8.4	7.3	7.1	10.0	11.3
Nondurable goods	6.3	6.5	6.8	6.5	6.9	8.0	8.3	8.6	8.4	8.1	7.9	9.2	9.9
Transportation and public utilities	3.6	3.2	3.8	4.2	4.2	4.9	5.6	5.2	5.7	5.4	6.4	5.5	6.3
Wholesale and retail trade	6.6	6.5	6.5	6.4	6.6	7.5	7.7	7.9	7.7	7.8	8.1	8.6	9.1
Finance and service industries	5.3	4.8	5.0	4.8	4.8	5.4	5.6	5.6	5.8	5.8	5.8	6.2	6.5
Government workers	3.9	3.6	3.6	3.9	4.3	4.0	4.2	4.3	4.4	4.7	4.6	5.0	4.9
Agricultural wage and salary workers	8.3	8.9	9.8	10.0	10.3	11.4	11.7	10.8	11.8	11.2	11.3	14.1	14.3

[1] Unemployment as a percent of the civilian labor force.

[2] Aggregate hours lost by the unemployed and persons on part time for economic reasons as a percent of potentially available labor force hours.

[3] Includes mining, not shown separately.

A-48. Unemployed persons by duration of unemployment, seasonally adjusted

(Numbers in thousands)

Weeks of unemployment	1979				1980				1981				1982
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
DURATION													
Both sexes, 16 years and over	2,849	2,878	3,047	3,046	3,132	3,498	3,351	3,196	3,278	3,290	3,393	3,865	3,822
Less than 5 weeks	1,962	1,876	1,944	1,998	2,163	2,636	2,665	2,455	2,370	2,500	2,455	2,861	3,066
5 to 14 weeks	1,302	1,232	1,163	1,245	1,385	1,745	2,146	2,347	2,327	2,260	2,212	2,343	2,692
15 weeks and over	743	700	653	705	825	1,312	1,229	1,235	1,384	1,112	1,107	1,195	1,423
15 to 25 weeks	559	533	510	540	560	733	917	1,113	1,243	1,148	1,105	1,148	1,272
27 weeks and over													
Average (mean) duration, in weeks	11.3	10.8	10.5	10.6	10.7	11.2	12.4	13.4	14.1	13.8	14.0	13.2	13.8
Median duration, in weeks	5.9	5.7	5.4	5.5	5.7	6.1	7.3	7.4	7.2	7.2	7.0	6.8	7.4
PERCENT DISTRIBUTION													
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5 weeks	68.5	68.1	63.8	65.6	69.1	75.3	79.5	76.8	72.3	76.0	72.4	74.0	80.2
5 to 14 weeks	45.7	42.8	38.2	40.9	44.2	49.9	64.0	73.4	71.0	68.7	65.2	60.6	70.4
15 weeks and over	26.1	24.3	21.4	23.1	26.3	37.5	36.7	38.6	42.2	33.8	32.6	30.9	37.2
15 to 26 weeks	19.6	18.5	16.7	17.7	17.9	21.0	27.4	34.8	37.9	34.9	32.6	29.7	33.3
27 weeks and over	9.2	9.9	8.3	8.6	8.4	9.3	11.2	13.9	15.6	14.3	13.7	12.7	13.3

A-49. Unemployment rates by sex and age, seasonally adjusted

Sex and age	1979				1980				1981				1982
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
Total, 16 years and over	5.9	5.7	5.8	6.0	6.3	7.3	7.6	7.5	7.4	7.4	7.4	8.3	9.8
16 to 19 years	16.0	16.0	16.3	16.2	16.4	17.9	18.7	18.2	19.1	19.2	19.1	21.1	21.9
16 to 17 years	18.6	18.3	17.6	18.0	18.5	19.9	21.2	20.6	21.2	21.8	20.7	22.0	22.5
18 to 19 years	14.1	14.4	15.2	15.0	14.8	16.5	16.9	16.7	17.5	17.5	18.0	20.5	21.5
20 to 24 years	9.0	8.8	9.3	9.5	10.1	11.9	12.2	12.0	11.9	12.3	11.9	13.1	14.0
25 years and over	4.0	3.8	3.9	4.0	4.3	5.2	5.5	5.3	5.2	5.2	5.3	6.1	6.5
25 to 54 years	4.2	4.0	4.1	4.3	4.7	5.6	6.0	5.8	5.6	5.5	5.6	6.5	6.9
55 years and over	3.0	3.0	3.0	2.9	3.3	3.9	3.9	3.9	3.5	3.4	3.6	3.9	4.4
Males, 16 years and over	5.1	4.9	5.1	5.3	5.8	7.2	7.7	7.3	7.1	7.1	7.0	8.3	8.8
16 to 19 years	16.3	15.5	16.0	15.7	15.8	18.3	19.6	19.4	19.9	19.8	19.5	21.4	22.7
16 to 17 years	19.3	17.7	16.9	17.7	19.3	21.4	22.0	21.6	22.1	22.9	21.0	22.1	23.4
18 to 19 years	14.0	14.0	15.2	14.1	14.2	17.3	17.8	17.9	18.4	17.8	18.3	20.8	22.1
20 to 24 years	8.5	8.2	8.9	9.3	10.5	13.0	13.6	13.1	12.9	13.2	12.5	14.3	15.3
25 years and over	3.3	3.2	3.3	3.5	3.9	5.9	5.4	5.3	4.9	4.7	4.9	5.9	6.4
25 to 54 years	3.4	3.2	3.4	3.7	4.1	5.3	5.9	5.4	5.2	5.1	5.2	6.4	6.8
55 years and over	2.9	2.9	3.0	2.8	3.0	3.9	3.6	3.3	3.3	3.3	3.4	4.0	4.4
Females, 16 years and over	6.9	6.8	6.8	6.8	6.9	7.5	7.6	7.7	7.7	7.7	7.8	8.4	8.8
16 to 19 years	15.7	16.6	16.6	16.8	17.0	17.3	17.7	16.8	18.1	18.5	18.8	20.7	21.1
16 to 17 years	17.8	19.0	18.4	18.3	19.2	19.4	20.2	19.6	20.2	20.6	20.3	21.8	21.3
18 to 19 years	14.1	14.9	15.3	15.9	15.5	15.9	16.0	15.3	16.6	17.1	17.7	20.2	20.9
20 to 24 years	9.5	9.5	9.8	9.7	9.6	10.7	10.6	10.7	10.7	11.1	11.3	11.6	12.4
25 years and over	5.0	4.8	4.8	4.8	5.0	5.5	5.6	5.8	5.8	5.7	5.9	6.3	6.6
25 to 54 years	5.4	5.2	5.1	5.1	5.4	6.0	6.2	6.2	6.2	6.2	6.2	6.8	7.1
55 years and over	3.3	3.2	3.2	3.1	3.0	3.3	3.2	3.5	3.9	3.5	3.9	3.9	4.2

HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES

A-50. Unemployed persons by reason for unemployment, seasonally adjusted

(Numbers in thousands)

Reason for unemployment	1979				1980				1981				1982
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
NUMBER OF UNEMPLOYED													
Both sexes, 16 years and over													
Job losers	2,590	2,450	2,567	2,851	3,157	4,090	4,887	4,281	4,307	4,354	4,133	4,940	5,127
On layoff	816	768	654	979	1,128	1,491	1,802	1,527	1,313	1,321	1,315	1,833	1,839
Other job losers	1,774	1,682	1,713	1,875	2,029	2,599	3,085	2,754	2,994	2,734	2,815	3,107	3,517
Job leavers	905	881	877	857	839	935	982	889	912	914	909	938	895
Reentrants	1,793	1,743	1,644	1,595	1,838	1,943	1,953	1,963	2,047	2,063	2,057	2,254	2,202
New entrants	846	817	752	824	930	844	914	933	982	972	963	1,006	1,066
PERCENT DISTRIBUTION													
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers	44.4	41.3	43.0	45.0	47.6	52.9	54.2	53.2	53.4	50.5	51.3	54.1	56.1
On layoff	13.3	12.9	10.9	15.4	16.9	21.6	21.9	19.0	16.5	16.5	16.3	20.1	19.1
Other job losers	28.9	28.4	29.2	29.6	30.5	33.7	32.4	34.2	33.9	34.1	34.9	34.0	37.1
Job leavers	14.8	14.9	14.8	13.5	12.6	12.0	10.9	11.0	11.5	11.6	11.3	10.3	9.4
Reentrants	29.2	30.1	33.0	28.5	27.6	24.9	23.7	24.6	25.8	25.7	25.5	24.7	23.2
New entrants	13.8	13.8	12.7	13.0	12.5	13.6	11.1	11.2	12.4	12.1	11.9	11.0	11.2
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE													
Job losers	2.5	2.3	2.5	2.7	3.0	3.8	4.2	4.0	3.7	3.7	3.8	4.5	4.4
Job leavers	.9	.8	.8	.8	.8	.9	.8	.8	.8	.8	.8	.9	.8
Reentrants	1.7	1.7	1.6	1.7	1.7	1.8	1.8	1.8	1.9	1.9	1.9	2.1	1.9
New entrants	.8	.8	.7	.8	.8	.8	.9	.8	.9	.9	.9	.9	.9

A-51. Employed persons by sex and age, seasonally adjusted

(In thousands)

Sex and age	1979				1980				1981				1982
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
Total, 16 years and over	98,206	98,349	99,112	99,653	99,784	99,953	99,305	99,433	100,125	100,784	100,959	100,943	99,554
16 to 19 years	8,186	8,081	8,005	8,073	7,955	7,717	7,593	7,573	7,476	7,341	7,176	6,914	6,733
16 to 17 years	3,398	3,317	3,288	3,339	3,250	3,115	3,043	3,017	2,993	2,890	2,837	2,747	2,679
18 to 19 years	4,792	4,764	4,711	4,723	4,717	4,543	4,557	4,556	4,481	4,443	4,332	4,183	4,054
20 to 24 years	14,302	14,336	14,357	14,323	14,246	14,026	14,302	14,393	14,158	14,150	14,181	13,994	13,835
25 years and over	75,714	75,954	76,752	77,247	77,570	77,240	77,431	77,832	78,470	79,324	79,315	79,104	78,994
25 to 54 years	61,094	61,421	62,202	62,605	62,941	62,676	62,877	63,352	63,988	64,706	64,873	64,755	64,741
55 years and over	14,622	14,532	14,572	14,643	14,629	14,563	14,575	14,445	14,484	14,593	14,459	14,349	14,245
Males, 16 years and over	57,444	57,497	57,729	57,785	57,743	56,996	55,835	57,187	57,195	57,621	57,554	57,014	56,585
16 to 19 years	4,323	4,318	4,232	4,287	4,265	4,109	3,986	3,976	3,947	3,859	3,768	3,687	3,535
16 to 17 years	1,808	1,801	1,789	1,793	1,780	1,685	1,618	1,609	1,593	1,512	1,511	1,488	1,424
18 to 19 years	2,513	2,501	2,500	2,494	2,493	2,417	2,379	2,363	2,354	2,338	2,261	2,204	2,117
20 to 24 years	7,765	7,802	7,839	7,789	7,707	7,519	7,433	7,483	7,520	7,512	7,577	7,491	7,265
25 years and over	45,349	45,394	45,636	45,693	45,763	45,389	45,434	45,698	45,913	46,281	46,219	45,836	45,745
25 to 54 years	36,417	36,550	36,729	36,803	36,860	36,556	36,619	36,904	37,118	37,487	37,530	37,267	37,178
55 years and over	8,939	8,839	8,912	8,882	8,906	8,831	8,820	8,785	8,797	8,795	8,691	8,636	8,561
Females, 16 years and over	40,762	40,852	41,383	41,868	42,041	41,957	42,171	42,311	42,730	43,163	43,100	43,029	42,968
16 to 19 years	3,863	3,767	3,774	3,783	3,690	3,608	3,607	3,597	3,529	3,486	3,408	3,227	3,196
16 to 17 years	1,590	1,516	1,499	1,562	1,469	1,432	1,422	1,409	1,403	1,378	1,326	1,258	1,255
18 to 19 years	2,279	2,248	2,212	2,230	2,224	2,176	2,179	2,192	2,127	2,106	2,071	1,976	1,947
20 to 24 years	6,537	6,533	6,548	6,531	6,539	6,506	6,569	6,607	6,639	6,638	6,604	6,594	6,520
25 years and over	30,365	30,560	31,116	31,554	31,807	31,851	31,997	32,104	32,557	33,043	33,096	33,205	33,253
25 to 54 years	24,677	24,871	25,474	25,802	26,081	26,120	26,257	26,448	26,870	27,219	27,343	27,467	27,563
55 years and over	5,683	5,664	5,661	5,762	5,733	5,702	5,755	5,659	5,687	5,798	5,768	5,742	5,689

A 52 Employed persons by selected social and economic categories, seasonally adjusted

Category	1979				1980				1981				1982
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
CHARACTERISTIC													
	98,206	98,389	99,112	99,653	99,784	98,953	99,306	99,496	100125	100784	100854	100341	99,554
	39,607	39,655	39,386	39,619	39,484	38,930	38,899	38,914	38,980	39,079	38,926	38,547	38,228
	23,873	24,898	23,278	23,966	23,576	23,523	23,486	23,559	23,850	24,092	23,943	23,795	23,793
OCCUPATION													
	49,670	50,101	50,573	51,306	51,408	51,940	52,177	52,283	52,754	52,983	52,985	53,123	52,811
	15,214	15,394	15,416	15,497	15,738	15,967	16,315	16,161	16,225	16,227	16,528	16,704	16,691
	10,528	13,654	10,934	13,876	10,954	11,067	11,235	11,287	11,538	11,505	11,524	11,500	11,219
	6,171	6,243	6,287	6,428	6,363	6,162	6,329	6,357	6,384	6,455	6,435	6,423	6,567
	17,757	17,910	18,037	18,203	18,353	18,485	18,578	18,475	18,506	18,756	18,599	18,496	18,337
	22,734	22,853	32,710	32,783	32,397	31,325	30,860	31,297	31,211	31,673	31,886	30,660	30,309
	13,065	13,039	13,147	13,227	13,029	12,759	12,653	12,724	12,710	12,828	12,675	12,434	12,695
	11,160	13,969	11,133	11,181	10,875	10,507	10,343	10,563	10,556	10,703	10,634	10,266	9,927
	3,666	3,588	3,567	3,656	3,650	3,529	3,483	3,484	3,439	3,481	3,521	3,462	3,438
	4,843	4,757	4,763	4,719	4,844	4,529	4,401	4,589	4,505	4,661	4,556	4,437	4,499
	13,038	13,057	13,228	13,225	13,247	13,213	13,253	13,209	13,358	13,384	13,400	13,611	13,616
	2,794	2,684	2,734	2,735	2,756	2,712	2,720	2,793	2,748	2,761	2,741	2,744	2,771
MAJOR INDUSTRY AND CLASS OF WORKER													
	1,492	1,448	1,483	1,489	1,468	1,423	1,389	1,437	1,428	1,499	1,486	1,430	1,407
	1,592	1,551	1,604	1,622	1,628	1,528	1,661	1,648	1,642	1,660	1,625	1,625	1,638
	310	295	314	299	286	287	321	313	296	261	252	270	339
	87,713	87,834	88,365	89,010	89,023	88,237	88,237	88,621	89,234	89,941	89,781	89,230	88,624
	15,536	15,625	15,668	15,717	15,795	15,978	15,949	15,939	15,931	15,789	15,586	15,491	15,532
	72,177	72,209	72,698	73,293	73,228	72,319	72,289	72,682	73,303	74,152	74,235	73,739	73,091
	1,310	1,224	1,266	1,259	1,176	1,208	1,212	1,172	1,215	1,206	1,192	1,219	1,211
	70,867	70,985	71,431	72,035	72,052	71,111	71,076	71,513	72,087	72,946	73,042	72,520	71,880
	6,665	6,725	6,875	6,895	6,965	6,930	7,037	7,107	7,358	7,041	7,110	7,117	7,051
	476	478	470	422	402	423	419	409	393	352	392	429	417
PERSONS AT WORK													
	89,112	89,268	90,558	90,616	90,611	89,861	89,817	90,553	91,338	91,446	91,660	91,210	90,522
	73,528	73,687	74,617	74,585	74,366	73,160	72,960	73,871	74,441	74,608	74,627	73,720	72,827
	3,290	3,380	3,354	3,460	3,546	4,171	4,293	4,216	4,323	4,166	4,460	5,108	5,450
	1,289	1,319	1,389	1,472	1,504	1,871	1,816	1,664	1,566	1,572	1,723	2,024	2,071
	2,001	2,067	1,964	1,988	2,042	2,309	2,474	2,553	2,657	2,598	2,737	3,084	3,379
	12,294	12,196	12,588	12,572	12,700	12,531	12,565	12,465	12,575	12,673	12,573	12,382	12,245

A-53. Persons not in labor force by reason, sex, and race, seasonally adjusted

[In thousands]

Reason, sex, and race	1979				1980				1981				1982
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
TOTAL													
Total not in labor force	59,429	60,145	59,336	60,283	60,308	60,544	60,337	61,171	61,172	61,002	61,746	61,834	62,367
Do not want job now	54,389	54,969	54,029	54,884	54,808	55,068	55,479	55,657	55,245	55,555	56,079	56,053	56,095
Current activity:													
Going to school	6,134	6,129	6,044	6,179	6,252	6,386	6,768	6,360	6,304	6,637	6,555	6,522	6,323
Ill, disabled	4,604	4,513	4,036	4,610	4,722	4,542	4,194	4,378	4,166	4,256	4,352	4,320	4,020
Keeping house	30,018	29,724	29,299	29,274	29,303	29,297	29,302	29,484	28,894	28,762	28,930	28,535	29,103
Retired	9,764	10,171	10,163	10,495	10,807	10,723	11,145	11,193	11,520	11,731	11,929	12,140	12,105
Other	3,869	4,332	3,916	4,126	4,027	4,120	4,070	4,238	4,361	4,168	4,312	4,536	4,545
Want a job now	5,319	5,349	5,660	5,455	5,602	5,625	5,861	5,711	5,927	5,727	5,668	6,019	6,162
Reason not looking:													
School attendance	1,393	1,425	1,605	1,522	1,493	1,502	1,631	1,508	1,575	1,562	1,518	1,569	1,641
Ill health, disability	746	704	799	784	771	744	806	714	802	726	708	832	775
Home responsibilities	1,228	1,271	1,296	1,278	1,330	1,233	1,284	1,211	1,287	1,300	1,176	1,374	1,347
Think cannot get job	719	841	762	781	948	955	1,006	1,063	1,093	1,043	1,094	1,199	1,339
Job-market factors	497	538	541	487	601	648	587	720	849	718	801	883	1,074
Personal factors	222	303	222	294	347	306	316	343	244	325	293	316	264
Other reasons[1]	1,233	1,108	1,198	1,090	1,060	1,193	1,134	1,215	1,171	1,096	1,171	1,046	1,061
Males													
Total not in labor force	16,924	17,345	17,323	17,552	17,646	17,811	18,008	18,137	18,299	18,325	18,734	18,733	19,122
Do not want job now	15,340	15,651	15,444	15,785	15,960	15,972	16,198	16,387	16,336	16,588	16,952	16,862	16,837
Want a job now	1,704	1,620	1,893	1,752	1,751	1,840	1,954	1,842	1,947	1,861	1,831	2,000	2,096
Reason not looking:													
School attendance	697	710	858	758	720	772	852	745	813	775	725	787	901
Ill health, disability	355	282	370	344	321	348	367	299	372	329	323	414	319
Think cannot get job	283	283	292	290	358	332	382	361	375	414	383	435	516
Other reasons[1]	368	346	376	360	352	388	353	437	387	343	399	365	360
Females													
Total not in labor force	42,505	42,800	42,613	42,731	42,662	42,834	42,899	43,034	42,872	42,677	43,012	43,101	43,245
Do not want job now	39,049	39,018	38,584	38,899	38,848	39,097	39,281	39,270	38,909	38,966	39,127	39,191	39,259
Want a job now	3,615	3,729	3,767	3,703	3,852	3,786	3,906	3,869	3,980	3,866	3,836	4,019	4,067
Reason not looking:													
School attendance	696	715	753	765	772	730	778	763	761	787	793	782	740
Ill health, disability	391	423	429	439	450	396	439	415	430	397	385	418	456
Home responsibilities	1,228	1,271	1,296	1,278	1,330	1,233	1,284	1,211	1,287	1,300	1,176	1,374	1,347
Think cannot get job	436	558	470	491	591	623	624	702	718	630	711	764	823
Other reasons	865	762	822	730	708	804	781	778	784	753	772	681	701
White													
Total not in labor force	51,546	52,182	52,041	52,100	52,031	52,305	52,702	52,873	52,501	52,420	53,106	53,240	53,623
Do not want job now	47,746	48,191	47,703	47,865	47,885	48,194	48,472	48,653	48,259	48,370	48,902	48,852	49,065
Want a job now	4,015	4,029	4,262	4,100	4,283	4,201	4,226	4,178	4,333	4,133	4,116	4,401	4,414
Reason not looking:													
School attendance	1,014	988	1,164	1,129	1,070	1,136	1,101	1,069	1,116	1,057	990	1,156	1,177
Ill health, disability	536	523	552	522	555	554	543	502	564	523	504	568	513
Home responsibilities	946	969	992	1,002	1,101	957	981	926	959	983	863	1,034	1,006
Think cannot get job	517	501	546	554	670	640	699	684	744	708	744	807	868
Other reasons	1,002	947	1,008	893	886	943	903	997	950	863	1,015	836	850
Black and other													
Total not in labor force	7,889	7,944	7,919	7,972	8,279	8,310	8,213	8,316	8,601	8,550	8,653	8,599	8,764
Do not want job now	6,482	6,593	6,583	6,720	6,824	6,864	6,599	6,911	6,859	6,933	7,217	7,104	6,844
Want a job now	1,330	1,281	1,383	1,323	1,373	1,393	1,599	1,493	1,665	1,558	1,558	1,589	1,836
Reason not looking:													
School attendance	389	418	406	417	429	377	474	471	467	483	497	451	473
Ill health, disability	217	196	239	237	228	206	251	186	256	220	203	234	277
Home responsibilities	293	285	310	275	247	262	300	287	342	303	312	348	361
Think cannot get job	216	210	217	210	301	309	310	356	387	326	351	364	521
Other reasons	215	154	212	184	168	240	264	194	213	226	194	192	204

[1] Includes small number of men not looking for work because of "home responsibilities."

A-54. Persons not in labor force by reason, sex, and age

[In thousands]

Reason and sex	Total		Age							
			16 to 19 years		20 to 24 years		25 to 59 years		60 years and over	
	1981	1982	1981	1982	1981	1982	1981	1982	1981	1982
TOTAL										
Total not in labor force	62,101	63,131	7,909	8,060	4,984	5,083	21,995	21,944	27,212	28,045
Do not want a job now	55,855	56,636	6,283	6,285	3,928	4,070	19,149	18,869	26,496	27,410
Current activity:										
Going to school	7,950	7,974	5,373	5,362	1,808	1,873	760	729	8	9
Ill, disabled	4,166	4,009	39	39	129	123	1,911	1,980	2,086	1,866
Keeping house	28,542	28,719	484	463	1,554	1,549	14,038	13,737	12,467	12,970
Retired	11,539	12,127	--	--	--	6	246	286	11,294	11,835
Other	3,658	3,807	387	421	437	519	2,194	2,137	641	730
Want a job now	6,246	6,495	1,626	1,774	1,056	1,015	2,847	2,838	716	634
Reason not looking:										
School attendance	1,859	1,926	1,304	1,400	344	302	200	218	12	6
Ill health, disability	852	822	14	31	75	52	540	555	223	185
Home responsibilities	1,266	1,329	72	93	275	306	881	889	39	40
Think cannot get job	1,151	1,409	131	160	166	200	625	819	228	230
Job market factors	852	1,083	83	133	137	156	507	659	125	135
Personal factors	300	326	49	27	28	43	120	160	103	96
Other reasons[1]	1,118	1,009	105	90	196	155	601	592	214	173
Males										
Total not in labor force	18,945	19,616	3,663	3,790	1,598	1,661	3,517	3,608	10,167	10,557
Do not want a job now	16,809	17,315	2,857	2,862	1,244	1,327	2,885	2,901	9,825	10,221
Current activity:										
Going to school	3,883	3,938	2,605	2,630	933	970	343	334	3	1
Ill, disabled	2,142	2,191	22	21	71	68	1,028	1,142	1,023	960
Keeping house	299	283	12	11	4	5	99	82	183	184
Retired	8,342	8,793	--	--	--	6	219	231	8,123	8,557
Other	2,143	2,110	218	200	236	278	1,196	1,112	493	519
Want a job now	2,135	2,300	806	927	354	333	633	707	342	336
Reason not looking:										
School attendance	961	1,060	690	777	182	180	82	101	6	4
Ill health, disability	404	348	5	14	47	23	235	219	117	92
Think cannot get job	398	546	67	86	59	81	164	262	109	117
Other reasons[1]	372	346	44	50	66	49	152	125	110	123
Females										
Total not in labor force	43,156	43,515	4,246	4,269	3,386	3,422	18,478	18,336	17,046	17,488
Do not want a job now	39,045	39,320	3,426	3,423	2,684	2,740	16,264	15,968	16,671	17,190
Current activity:										
Going to school	4,067	4,035	2,770	2,732	875	901	418	395	5	8
Ill, disabled	2,024	1,818	17	18	58	55	884	837	1,065	906
Keeping house	28,243	28,436	471	452	1,550	1,543	13,937	13,657	12,284	12,786
Retired	3,196	3,334	--	--	--	--	26	55	3,170	3,278
Other	1,515	1,697	168	221	201	241	999	1,024	147	212
Want a job now	4,111	4,195	820	847	702	683	2,215	2,367	373	297
Reason not looking:										
School attendance	898	866	613	623	162	123	117	118	6	1
Ill health, disability	448	474	9	17	28	29	305	336	105	93
Home responsibilities	1,266	1,329	72	93	275	306	881	889	39	40
Think cannot get job	753	863	64	74	107	119	462	556	119	113
Other reasons	746	663	62	40	130	106	450	468	104	50

[1] Includes small number of men not looking for work because of "home responsibilities."

NOTE: Detail in tables A-54, A-55, and A-57 may not add to not in labor force totals because of differences in the weighting patterns used in aggregating these data.

HOUSEHOLD DATA
QUARTERLY AVERAGES

A-55. Persons not in labor force by reason, race, age, and sex

[In thousands]

Reason and race	Total		Age						Sex			
			16 to 24 years		25 to 59 years		60 years and over		Males		Females	
	I 1981	I 1982	I 1981	I 1982	I 1981	I 1982	I 1981	I 1982	I 1981	I 1982	I 1981	I 1982
WHITE												
Total not in labor force	53,345	54,230	9,986	10,243	18,750	18,678	24,609	25,309	15,906	16,535	37,439	37,695
Do not want a job now	48,815	49,606	8,134	8,348	16,635	16,467	24,044	24,790	14,410	14,856	34,405	34,750
Current activity:												
Going to school	6,270	6,461	5,694	5,894	566	562	8	8	3,110	3,204	3,160	3,257
Ill, disabled	3,376	3,270	128	110	1,516	1,590	1,733	1,568	1,729	1,794	1,647	1,476
Keeping house	25,753	25,886	1,728	1,678	12,521	12,327	11,505	11,880	234	219	25,519	25,667
Retired	10,433	10,944	—	6	222	268	10,211	10,669	7,603	7,995	2,830	2,949
Other	2,983	3,045	584	660	1,810	1,720	587	665	1,734	1,644	1,249	1,401
Want a job now	4,532	4,624	1,849	1,897	2,114	2,213	567	522	1,497	1,679	3,035	2,945
Reason not looking:												
School attendance	1,294	1,357	1,148	1,205	138	149	9	3	654	784	640	573
Ill health, disability	597	542	62	46	367	370	168	130	274	248	323	294
Home responsibilities	922	970	210	245	678	695	35	29	—	—	922	970
Think cannot get job	804	939	192	218	444	528	166	195	282	360	522	579
Other reasons [1]	915	816	237	183	487	471	189	165	287	287	628	529
BLACK AND OTHER												
Total not in labor force	8,756	8,901	2,907	2,900	3,243	3,266	2,604	2,736	3,038	3,081	5,717	5,820
Do not want a job now	7,043	7,029	2,078	2,004	2,508	2,404	2,454	2,621	2,401	2,458	4,642	4,571
Current activity:												
Going to school	1,682	1,512	1,489	1,339	193	169	—	2	774	734	908	778
Ill, disabled	791	739	40	52	394	391	354	298	414	397	377	342
Keeping house	2,788	2,832	310	332	1,515	1,410	963	1,090	64	63	2,724	2,769
Retired	1,107	1,183	—	—	24	17	1,083	1,166	740	798	367	385
Other	675	763	239	281	382	417	54	65	409	466	266	297
Want a job now	1,714	1,872	833	894	735	860	149	125	638	622	1,076	1,250
Reason not looking:												
School attendance	564	569	499	498	63	69	3	2	306	276	258	293
Ill health, disability	255	280	28	37	173	186	55	55	130	100	125	180
Home responsibilities	344	359	136	154	203	194	4	11	—	—	344	359
Think cannot get job	347	470	105	142	182	290	63	47	116	186	231	284
Other reasons [1]	204	194	65	63	114	121	24	10	86	60	118	134

[1] Includes small number of men not looking for work because of "home responsibilities."

A-56. Persons not in labor force who desire work but think they cannot get jobs by reason, sex, age, and race

[In thousands]

Reason and sex	1st Quarter 1982						
	Total	Age				Race	
		16 to 19 years	20 to 24 years	25 to 59 years	60 years and over	White	Black and other
TOTAL							
Personal factors:							
Employers think too young or old	113	3	—	21	89	92	21
Lacks education or training	132	8	34	89	2	90	42
Other personal handicap	81	16	9	50	5	56	26
Job-market factors:							
Could not find job	561	81	93	331	56	302	260
Thinks no job available	522	52	63	328	79	401	121
Males							
Personal factors:							
Employers think too young or old	45	2	—	7	36	32	13
Lacks education or training	44	5	15	22	2	26	18
Other personal handicap	32	10	5	14	2	18	14
Job-market factors:							
Could not find job	243	46	47	111	39	145	98
Thinks no job available	182	24	14	107	38	139	43
Females							
Personal factors:							
Employers think too young or old	68	2	—	14	52	60	8
Lacks education or training	88	3	18	66	—	64	24
Other personal handicap	49	6	4	37	3	38	12
Job-market factors:							
Could not find job	318	35	46	220	17	157	162
Thinks no job available	340	28	50	221	40	262	78

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A-57. Most recent work experience of persons not in labor force and reason for leaving last job for those who worked during the previous 12 months by sex, age, and race

[Numbers in thousands]

Most recent work experience, reason for leaving last job, and sex	Total		Age						Race			
			16 to 24 years		25 to 59 years		60 years and over		White		Black and other	
	I 1981	I 1982	I 1981	I 1982	I 1981	I 1982	I 1981	I 1982	I 1981	I 1982	I 1981	I 1982
Total, not in labor force	62,101	63,131	12,893	13,143	21,995	21,944	27,212	28,045	53,345	54,230	8,756	8,901
Never worked	10,163	10,390	5,396	5,537	2,312	2,286	2,455	2,567	7,932	8,026	2,232	2,364
Last worked over 5 years ago	30,739	30,957	310	291	10,767	10,553	19,661	20,113	27,239	27,335	3,500	3,622
Last worked 1 to 5 years ago	10,652	11,337	1,911	2,007	5,189	5,550	3,551	3,779	9,125	9,782	1,526	1,555
Left job during previous 12 months	10,546	10,446	5,275	5,306	3,726	3,555	1,544	1,585	9,048	9,086	1,498	1,359
Percent distribution by reason	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
School, home responsibilities	42.2	44.0	58.6	59.6	34.6	38.0	5.0	5.2	43.3	46.0	35.7	30.8
Ill health, disability	7.1	6.5	1.5	1.8	12.5	11.0	13.3	12.2	6.7	5.7	10.0	11.9
Retirement, old age	8.0	10.0	--	--	3.0	4.4	47.3	55.5	8.8	10.8	3.3	4.4
Economic reasons	23.9	23.9	22.1	21.7	26.2	28.8	24.6	20.3	22.8	22.4	30.0	34.0
End of seasonal job	9.4	9.4	10.1	11.3	8.3	8.2	9.5	6.2	8.6	8.6	13.9	15.4
Slack work	7.6	8.8	6.1	6.0	9.8	13.4	7.2	7.6	7.1	8.2	10.5	12.8
End of temporary job	6.9	5.6	5.8	4.4	8.0	17.1	7.9	6.6	7.1	5.6	5.7	5.7
All other reasons	18.7	15.6	17.8	16.9	23.7	17.8	9.9	6.8	18.3	15.1	20.9	18.9
Males, not in labor force	18,945	19,616	5,261	5,451	3,517	3,608	10,167	10,557	15,906	16,535	3,038	3,081
Never worked	2,489	2,637	2,184	2,335	258	271	47	32	1,726	1,791	764	846
Last worked over 5 years ago	8,484	8,772	49	57	1,344	1,326	7,092	7,388	7,416	7,610	1,068	1,162
Last worked 1 to 5 years ago	3,673	3,898	540	553	1,032	1,172	2,103	2,173	3,079	3,380	594	519
Left job during previous 12 months	4,297	4,308	2,490	2,506	883	838	926	963	3,685	3,753	612	554
Percent distribution by reason	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
School, home responsibilities	37.5	37.8	57.9	57.1	16.7	20.9	2.6	2.3	38.4	39.4	32.4	26.5
Ill health, disability	8.6	8.0	1.8	1.6	23.3	22.8	12.9	11.6	8.3	6.9	10.5	15.5
Retirement, old age	13.8	15.7	--	--	9.8	9.0	54.5	62.5	15.2	16.8	5.7	8.8
Economic reasons	23.8	24.1	23.9	24.6	25.2	27.2	22.2	20.3	22.4	23.1	32.4	31.0
End of seasonal job	10.5	9.8	11.2	12.0	9.2	6.1	9.8	7.6	9.7	9.1	15.4	15.0
Slack work	7.5	8.9	6.2	7.1	12.2	17.6	6.5	6.2	7.1	8.7	10.0	10.1
End of temporary job	5.8	5.4	6.5	5.6	3.8	3.6	5.8	6.4	5.6	5.3	7.0	6.0
All other reasons	16.2	14.3	16.4	16.7	24.9	20.1	7.9	3.3	15.8	13.8	19.1	18.1
Females, not in labor force	43,156	43,515	7,632	7,691	18,478	18,336	17,046	17,488	37,439	37,695	5,717	5,820
Never worked	7,673	7,753	3,213	3,204	2,051	2,015	2,409	2,535	6,206	6,235	1,468	1,518
Last worked over 5 years ago	22,255	22,185	261	233	9,425	9,225	12,569	12,725	19,823	19,725	2,432	2,460
Last worked 1 to 5 years ago	6,978	7,439	1,372	1,453	4,157	4,379	1,449	1,606	6,046	6,402	932	1,036
Left job during previous 12 months	6,249	6,138	2,785	2,800	2,844	2,716	620	621	5,363	5,333	886	805
Percent distribution by reason	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
School, home responsibilities	45.5	48.4	59.1	61.8	40.1	43.4	8.4	9.8	46.7	50.6	38.0	33.7
Ill health, disability	6.2	5.5	1.4	2.0	9.2	7.3	13.9	12.9	5.6	4.9	9.7	9.4
Retirement, old age	4.0	5.9	--	--	.9	3.1	36.5	44.7	4.4	6.6	1.7	1.4
Economic reasons	23.9	23.7	20.4	19.1	26.4	29.1	28.3	20.4	23.2	21.8	28.4	36.0
End of seasonal job	8.6	9.2	9.2	10.7	8.0	8.8	9.0	4.0	7.9	8.2	12.9	15.8
Slack work	7.6	8.7	6.0	5.1	9.1	12.2	8.2	9.6	7.1	7.8	10.8	14.6
End of temporary job	7.6	5.8	5.2	3.4	9.3	8.1	11.0	6.6	8.1	5.9	4.7	5.6
All other reasons	20.4	16.5	19.1	17.0	23.3	17.1	12.9	12.2	20.1	16.1	22.1	19.5

A-58. Work-seeking intentions of persons not in labor force and work history of those who intend to seek work within the next 12 months by sex, age, and race

[In thousands]

Work-seeking intentions, work history, and sex	Total		Age						Race			
			16 to 24 years		25 to 59 years		60 years and over		White		Black and other	
	I 1981	I 1982	I 1981	I 1982	I 1981	I 1982	I 1981	I 1982	I 1981	I 1982	I 1981	I 1982
Total												
Do not intend to seek work	51,414	51,739	6,593	6,375	18,318	17,990	26,503	27,373	44,985	45,314	6,429	6,424
Intend to seek work in the next 12 months	10,686	11,391	6,300	6,766	3,677	3,952	708	671	8,359	8,914	2,326	2,476
Never worked	2,045	2,194	1,874	2,026	153	163	18	5	1,454	1,507	590	687
Last worked over 5 years ago	1,155	1,247	39	73	890	1,003	206	172	865	931	291	316
Last worked 1 to 5 years ago	2,140	2,500	802	938	1,120	1,309	217	254	1,599	1,865	540	634
Worked during previous 12 months	5,346	5,450	3,566	3,730	1,513	1,479	265	239	4,441	4,611	906	839
Males												
Do not intend to seek work	14,860	15,155	2,379	2,294	2,708	2,655	9,774	10,204	12,728	12,974	2,133	2,180
Intend to seek work in the next 12 months	4,084	4,460	2,882	3,157	808	952	393	352	3,178	3,560	905	900
Never worked	813	964	790	926	21	37	3	--	574	651	239	313
Last worked over 5 years ago	204	225	8	22	112	127	85	78	126	146	78	79
Last worked 1 to 5 years ago	691	790	304	337	245	308	141	145	486	618	205	172
Worked during previous 12 months	2,375	2,481	1,780	1,871	431	479	165	129	1,992	2,145	384	336
Females												
Do not intend to seek work	36,553	36,584	4,213	4,081	15,610	15,334	16,730	17,168	32,257	32,340	4,296	4,244
Intend to seek work in the next 12 months	6,602	6,931	3,419	3,610	2,868	3,001	315	319	5,181	5,354	1,421	1,576
Never worked	1,231	1,230	1,083	1,099	132	124	16	5	880	856	351	374
Last worked over 5 years ago	952	1,022	51	51	779	876	122	95	739	785	213	237
Last worked 1 to 5 years ago	1,448	1,710	497	600	875	1,000	76	109	1,113	1,247	335	462
Worked during previous 12 months	2,971	2,969	1,787	1,860	1,081	999	102	110	2,449	2,466	522	503

A-59. Employment status of the noninstitutional population by sex, age, race, and Hispanic origin

(Numbers in thousands)

Employment status, sex, and age	Total		White		Black		Hispanic origin	
	I 1981	I 1982	I 1981	I 1982	I 1981	I 1982	I 1981	I 1982
TOTAL								
Civilian noninstitutional population	169,279	171,497	147,148	148,943	18,076	18,450	9,113	9,346
Civilian labor force	107,178	108,367	93,803	94,713	10,825	11,048	5,818	5,938
Percent of population	63.3	63.2	63.7	63.6	59.9	59.9	63.8	63.5
Employed	98,635	98,083	87,064	86,653	9,208	9,080	5,145	5,167
Agriculture	2,894	2,900	2,643	2,647	177	185	212	204
Nonagricultural industries	95,740	95,183	84,421	84,006	9,031	8,896	4,933	4,963
Unemployed	8,544	10,284	6,739	8,061	1,616	1,969	673	771
Unemployment rate	8.0	9.5	7.2	8.5	14.9	17.8	11.6	13.0
Not in labor force	62,101	63,131	53,345	54,230	7,251	7,402	3,295	3,408
Males, 20 years and over								
Civilian noninstitutional population	71,946	73,205	63,263	64,336	6,941	7,122	3,791	3,871
Civilian labor force	56,664	57,380	50,187	50,755	5,128	5,275	3,215	3,298
Percent of population	78.8	78.4	79.3	78.9	73.9	74.1	84.8	85.2
Employed	52,668	52,267	46,952	46,686	4,458	4,388	2,879	2,910
Agriculture	2,163	2,175	1,957	1,954	150	171	170	172
Nonagricultural industries	50,505	50,091	44,995	44,732	4,309	4,177	2,708	2,737
Unemployed	3,997	5,113	3,235	4,069	670	928	337	389
Unemployment rate	7.1	8.9	6.4	8.0	13.1	17.6	10.5	11.8
Not in labor force	15,282	15,825	13,077	13,581	1,813	1,847	575	573
Females, 20 years and over								
Civilian noninstitutional population	80,966	82,368	70,228	71,375	8,839	9,065	4,159	4,272
Civilian labor force	42,056	43,123	36,091	36,982	4,910	5,044	2,069	2,117
Percent of population	51.9	52.4	51.4	51.8	55.5	55.6	49.7	49.5
Employed	39,226	39,800	33,960	34,473	4,278	4,327	1,868	1,877
Agriculture	481	496	454	474	13	8	20	11
Nonagricultural industries	38,745	39,304	33,507	33,999	4,264	4,319	1,848	1,866
Unemployed	2,830	3,322	2,130	2,509	632	716	201	239
Unemployment rate	6.7	7.7	5.9	6.8	12.9	14.2	9.7	11.3
Not in labor force	38,910	39,245	34,138	34,393	3,929	4,021	2,090	2,156
Both sexes, 16-19 years								
Civilian noninstitutional population	16,367	15,923	13,656	13,232	2,296	2,263	1,163	1,203
Civilian labor force	8,458	7,864	7,526	6,976	787	729	533	523
Percent of population	51.7	49.4	55.1	52.7	34.3	32.2	45.8	43.5
Employed	6,741	6,015	6,152	5,494	472	405	398	380
Agriculture	250	228	233	219	14	6	22	20
Nonagricultural industries	6,491	5,788	5,919	5,275	458	398	377	360
Unemployed	1,717	1,848	1,374	1,483	315	325	135	143
Unemployment rate	20.3	23.5	18.3	21.3	40.0	44.5	25.3	27.4
Not in labor force	7,909	8,060	6,131	6,256	1,509	1,534	630	679

A-60 Employment status of persons of Mexican, Puerto Rican, and Cuban origin by sex and age

[Numbers in thousands]

Employment status, sex, and age	Total Hispanic origin[1]		Mexican origin		Puerto Rican origin		Cuban origin	
	I 1981	I 1982	I 1981	I 1982	I 1981	I 1982	I 1981	I 1982
TOTAL								
Civilian noninstitutional population	9,113	9,346	5,564	5,693	1,029	1,189	732	709
Civilian labor force	5,818	5,938	3,707	3,770	503	609	467	425
Percent of population	63.8	63.5	66.6	66.2	48.9	51.2	63.8	59.9
Employed	5,145	5,167	3,268	3,281	427	516	416	381
Agriculture	212	204	192	184	3	5	2	4
Nonagricultural industries	4,933	4,963	3,076	3,098	424	511	413	378
Unemployed	673	771	439	489	77	92	52	44
Unemployment rate	11.6	13.0	11.8	13.0	15.2	15.2	11.1	10.3
Not in labor force	3,295	3,408	1,857	1,922	526	581	265	284
Males, 20 years and over								
Civilian noninstitutional population	3,791	3,871	2,412	2,428	355	443	324	312
Civilian labor force	3,215	3,298	2,108	2,126	267	350	265	238
Percent of population	84.8	85.2	87.4	87.6	75.2	79.0	81.8	76.3
Employed	2,879	2,910	1,881	1,870	229	304	239	221
Agriculture	170	172	154	154	2	5	2	4
Nonagricultural industries	2,708	2,737	1,727	1,716	227	300	236	217
Unemployed	337	389	227	256	38	46	26	17
Unemployment rate	10.5	11.8	10.7	12.0	14.1	13.1	9.8	7.0
Not in labor force	575	573	304	302	88	93	59	75
Females, 20 years and over								
Civilian noninstitutional population	4,159	4,272	2,422	2,480	513	578	323	330
Civilian labor force	2,069	2,117	1,219	1,261	189	200	170	163
Percent of population	49.7	49.6	50.3	50.8	36.8	34.6	52.6	49.4
Employed	1,868	1,877	1,097	1,123	174	177	153	143
Agriculture	20	11	17	10	1	--	--	--
Nonagricultural industries	1,848	1,866	1,081	1,113	173	177	153	143
Unemployed	201	239	122	138	15	22	17	20
Unemployment rate	9.7	11.3	10.0	11.0	7.7	11.2	10.0	12.4
Not in labor force	2,090	2,156	1,203	1,219	324	379	153	166
Both sexes, 16-19 years								
Civilian noninstitutional population	1,163	1,203	729	785	162	168	85	67
Civilian labor force	533	523	380	384	48	58	33	24
Percent of population	45.8	43.5	52.1	48.9	29.6	34.5	38.8	35.8
Employed	398	380	290	288	23	34	24	17
Agriculture	22	20	21	19	--	--	--	--
Nonagricultural industries	377	360	269	269	23	34	24	17
Unemployed	135	143	90	96	24	24	9	7
Unemployment rate	25.3	27.4	23.8	24.9	(2)	(2)	(2)	(2)
Not in labor force	630	679	349	401	114	109	52	43

[1] Includes persons of Central or South American origin and of other Hispanic origin, not shown separately.

[2] Percent not shown where base is less than 80,000.

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A-61. Employed persons by selected social and economic categories, race, and Hispanic origin

[In thousands]

Category	Total		White		Black and other		Hispanic origin	
	I 1981	I 1982	I 1981	I 1982	I 1981	I 1982	I 1981	I 1982
CHARACTERISTIC								
Total, 16 years and over	98,635	98,083	87,064	86,653	11,571	11,430	5,145	5,167
Males	56,169	55,367	50,140	49,514	6,029	5,854	3,123	3,127
Females	42,465	42,715	36,924	37,139	5,541	5,577	2,022	2,040
OCCUPATION								
White-collar workers	52,907	52,970	48,126	48,154	4,782	4,816	1,850	1,898
Professional and technical	16,519	16,997	14,946	15,371	1,573	1,625	427	446
Managers and administrators, except farm	11,648	11,234	10,934	10,570	715	663	361	335
Sales workers	6,284	6,464	5,955	6,117	330	347	201	207
Clerical workers	18,456	18,275	16,291	16,095	2,164	2,180	861	910
Blue-collar workers	30,125	29,246	26,167	25,426	3,958	3,819	2,256	2,251
Craft and kindred workers	12,326	12,068	11,243	11,060	1,083	1,008	679	707
Operatives, except transport	10,369	9,752	8,764	8,156	1,605	1,596	999	972
Transport equipment operatives	3,378	3,375	2,821	2,861	557	514	221	226
Nonfarm laborers	4,052	4,051	3,339	3,349	713	701	357	346
Service workers	13,229	13,483	10,589	10,890	2,641	2,594	878	869
Farm workers	2,373	2,384	2,183	2,183	190	201	160	150
MAJOR INDUSTRY AND CLASS OF WORKER								
Agriculture:								
Wage and salary workers	1,190	1,174	1,002	983	188	191	192	188
Self-employed workers	1,497	1,493	1,438	1,435	59	58	20	16
Unpaid family workers	207	233	203	229	4	4	1	--
Nonagricultural industries:								
Wage and salary workers	88,383	87,809	77,563	77,135	10,820	10,674	4,679	4,666
Government	16,152	15,750	13,517	13,193	2,634	2,556	646	701
Private industries	72,231	72,059	64,045	63,942	8,186	8,118	4,034	3,965
Private households	1,148	1,144	763	792	385	352	90	83
Other industries	71,083	70,915	63,282	63,150	7,801	7,765	3,944	3,882
Self-employed workers	6,978	6,969	6,501	6,491	477	478	235	274
Unpaid family workers	380	405	357	380	23	25	18	23
FULL- AND PART-TIME STATUS [1]								
Full time schedules	79,382	77,980	69,866	68,691	9,516	9,289	4,278	4,237
Part time for economic reasons	4,404	5,449	3,678	4,568	726	880	316	355
Part time for noneconomic reasons	14,849	14,654	13,520	13,393	1,329	1,261	551	575

[1] Employed persons with a job but not at work are distributed proportionately among the full- and part-time employed categories.

A-62. Employed persons of Mexican, Puerto Rican, and Cuban origin by selected social and economic categories

[In thousands]

Category	Total Hispanic origin[1]		Mexican origin		Puerto Rican origin		Cuban origin	
	I 1981	I 1982	I 1981	I 1982	I 1981	I 1982	I 1981	I 1982
CHARACTERISTIC								
Total, 16 years and over	5,145	5,167	3,268	3,281	427	516	416	381
Males	3,123	3,127	2,067	2,037	240	324	254	232
Females	2,022	2,040	1,201	1,244	186	192	161	150
OCCUPATION								
White-collar workers	1,850	1,898	1,022	1,050	188	225	192	175
Professional and technical	427	446	198	220	43	49	47	51
Managers and administrators, except farm	361	335	208	181	27	30	42	33
Sales workers	201	207	116	113	14	22	22	25
Clerical workers	861	910	500	536	104	124	81	66
Blue-collar workers	2,256	2,251	1,558	1,553	175	209	177	158
Craft and kindred workers	679	707	459	504	40	55	58	46
Operatives, except transport	999	972	669	637	101	106	81	73
Transport equipment operatives	221	226	153	149	18	25	15	15
Nonfarm laborers	357	346	277	263	16	23	23	24
Service workers	878	869	540	540	63	80	46	49
Farm workers	160	150	149	139	2	2	—	—
MAJOR INDUSTRY AND CLASS OF WORKER								
Agriculture:								
Wage and salary workers	192	188	179	176	3	5	—	—
Self-employed workers	20	16	13	8	—	—	2	3
Unpaid family workers	1	—	—	—	—	—	—	—
Nonagricultural industries:								
Wage and salary workers	4,679	4,666	2,949	2,927	408	498	369	342
Government	646	701	415	459	66	86	30	27
Private industries	4,034	3,965	2,534	2,469	342	412	339	314
Private households	90	83	51	46	3	1	—	—
Other industries	3,944	3,882	2,483	2,423	339	411	339	314
Self-employed workers	235	274	116	151	14	12	44	36
Unpaid family workers	18	23	11	19	1	1	1	1
FULL- AND PART-TIME STATUS[2]								
Full-time schedules	4,278	4,237	2,710	2,659	378	451	347	311
Part time for economic reasons	316	355	222	261	16	30	20	18
Part time for noneconomic reasons	551	575	336	361	33	35	49	52

[1] Includes persons of Central or South American origin and of other Hispanic origin, not shown separately.

[2] Employed persons with a job but not at work are distributed proportionately among the full- and part-time employed categories.

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A-63. Employed persons by sex, age, race, and Hispanic origin

[In thousands]

Sex and age	Total		White		Black		Hispanic origin	
	I 1981	I 1982	I 1981	I 1982	I 1981	I 1982	I 1981	I 1982
Total, 16 years and over	98,635	98,083	87,064	86,653	9,208	9,080	5,145	5,167
16 to 19 years	6,741	6,015	6,152	5,494	472	405	398	380
16 to 17 years	2,578	2,268	2,395	2,107	147	121	134	119
18 to 19 years	4,163	3,748	3,757	3,387	326	283	265	261
20 to 24 years	13,731	13,392	12,115	11,865	1,302	1,231	935	874
25 years and over	78,162	78,676	68,799	69,294	7,434	7,444	3,811	3,913
25 to 54 years	63,765	64,516	55,807	56,515	6,247	6,304	3,396	3,506
55 years and over	14,397	14,160	12,992	12,779	1,187	1,140	416	407
Males, 16 years and over	56,169	55,367	50,140	49,514	4,707	4,561	3,123	3,127
16 to 19 years	3,502	3,101	3,188	2,828	249	213	244	217
16 to 17 years	1,333	1,166	1,236	1,096	78	51	85	72
18 to 19 years	2,169	1,934	1,952	1,731	172	163	158	145
20 to 24 years	7,221	6,997	6,379	6,215	667	629	553	528
25 years and over	45,446	45,269	40,573	40,472	3,791	3,718	2,327	2,382
25 to 54 years	36,754	36,810	32,637	32,740	3,169	3,137	2,058	2,101
55 years and over	8,692	8,460	7,936	7,732	622	581	269	280
Females, 16 years and over	42,465	42,715	36,924	37,139	4,501	4,519	2,022	2,040
16 to 19 years	3,239	2,915	2,964	2,666	223	191	155	163
16 to 17 years	1,246	1,101	1,159	1,010	69	71	48	47
18 to 19 years	1,994	1,813	1,805	1,655	154	121	108	116
20 to 24 years	6,510	6,394	5,735	5,650	635	602	382	346
25 years and over	32,716	33,406	28,225	28,823	3,643	3,726	1,487	1,531
25 to 54 years	27,011	27,707	23,169	23,776	3,078	3,166	1,339	1,405
55 years and over	5,704	5,700	5,055	5,046	565	559	148	126

A-64. Unemployment rates by sex, age, race, and Hispanic origin

Sex and age	Total		White		Black		Hispanic origin	
	I 1981	I 1982	I 1981	I 1982	I 1981	I 1982	I 1981	I 1982
Total, 16 years and over	8.0	9.5	7.2	8.5	14.9	17.8	11.6	13.0
16 to 19 years	20.3	23.5	18.3	21.3	40.0	44.5	25.3	27.4
16 to 17 years	22.8	24.4	20.9	22.8	44.3	46.0	30.3	32.3
18 to 19 years	18.6	22.9	16.5	20.3	37.8	43.9	22.5	24.9
20 to 24 years	13.0	15.1	11.5	13.1	24.8	30.9	15.0	17.0
25 years and over	5.8	7.1	5.2	6.5	10.5	12.8	8.9	10.3
25 to 54 years	6.1	7.6	5.5	6.9	11.4	13.6	9.1	10.4
55 years and over	4.1	5.0	3.9	4.7	5.3	8.4	7.1	9.2
Males, 16 years and over	8.2	10.0	7.5	9.1	15.3	19.5	11.9	13.3
16 to 19 years	22.2	25.4	20.1	23.3	41.5	45.4	25.9	29.6
16 to 17 years	25.1	27.0	23.1	24.9	45.8	55.3	30.3	34.6
18 to 19 years	20.4	24.4	18.1	22.2	39.4	41.3	23.3	26.8
20 to 24 years	14.9	17.5	13.7	15.5	25.1	33.4	17.0	17.3
25 years and over	5.7	7.4	5.2	6.7	10.5	14.1	8.7	10.5
25 to 54 years	6.1	7.9	5.5	7.2	11.4	14.8	8.9	10.9
55 years and over	4.0	5.3	3.7	4.8	5.6	10.6	7.6	7.6
Females, 16 years and over	7.7	8.8	6.8	7.8	14.6	16.0	11.1	12.5
16 to 19 years	18.1	21.4	16.1	19.0	38.1	43.5	24.4	24.2
16 to 17 years	20.2	21.5	18.4	20.3	42.5	36.5	30.3	28.5
18 to 19 years	16.7	21.3	14.6	18.2	35.9	46.9	21.3	22.3
20 to 24 years	10.7	12.4	9.0	10.3	24.6	28.1	11.9	16.6
25 years and over	5.9	6.8	5.3	6.1	10.4	11.4	9.2	10.0
25 to 54 years	6.2	7.2	5.5	6.4	11.4	12.3	9.5	9.8
55 years and over	4.2	4.7	4.2	4.5	4.9	6.1	6.3	12.5

READEX FICHE

A-65. Unemployed persons by duration of unemployment, race, and Hispanic origin

[In thousands]

Weeks of unemployment	Total		White		Black and other		Hispanic origin	
	I 1981	I 1982	I 1981	I 1982	I 1981	I 1982	I 1981	I 1982
DURATION								
Total, 16 years and over	8,544	10,284	6,739	8,061	1,805	2,223	673	771
Less than 5 weeks	3,262	3,809	2,606	2,990	656	819	284	332
5 to 14 weeks	2,688	3,468	2,159	2,810	529	658	219	266
15 weeks and over	2,593	3,007	1,974	2,261	619	746	170	173
15 to 26 weeks	1,288	1,668	1,012	1,299	276	368	101	89
27 weeks and over	1,306	1,339	962	962	343	377	69	84
Average (mean) duration, in weeks	14.4	14.2	13.8	13.5	16.7	16.4	12.0	11.5
Median duration, in weeks	8.0	8.3	7.8	8.1	8.8	8.8	6.9	6.5
PERCENT DISTRIBUTION								
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5 weeks	38.2	37.0	38.7	37.1	36.4	36.9	42.2	43.1
5 to 14 weeks	31.5	33.7	32.0	34.9	29.3	29.6	32.5	34.5
15 weeks and over	30.4	29.2	29.3	28.0	34.3	33.5	25.3	22.4
15 to 26 weeks	15.1	16.2	15.0	16.1	15.3	16.6	15.0	11.5
27 weeks and over	15.3	13.0	14.3	11.9	19.0	17.0	10.3	10.9

A-66. Unemployed persons by reason for unemployment, race, and Hispanic origin

[Numbers in thousands]

Reason for unemployment	Total		White		Black and other		Hispanic origin	
	I 1981	I 1982	I 1981	I 1982	I 1981	I 1982	I 1981	I 1982
NUMBER OF UNEMPLOYED								
Total, 16 years and over	8,544	10,284	6,739	8,061	1,805	2,223	673	771
Job losers	4,693	6,212	3,806	4,972	886	1,239	372	496
On layoff	1,742	2,386	1,516	2,019	225	367	99	151
Other job losers	2,951	3,826	2,290	2,953	661	873	273	344
Job leavers	897	877	742	741	155	136	76	57
Reentrants	2,071	2,228	1,560	1,659	510	569	148	150
New entrants	883	968	630	689	253	279	78	68
PERCENT DISTRIBUTION								
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers	54.9	60.4	56.5	61.6	49.1	55.8	55.2	64.3
On layoff	20.4	23.2	22.5	25.0	12.5	16.5	14.7	19.6
Other job losers	34.5	37.2	34.0	36.6	36.6	39.3	40.5	44.7
Job leavers	10.5	8.5	11.0	9.2	8.6	6.1	11.3	7.4
Reentrants	24.2	21.7	23.2	20.6	28.3	25.6	22.0	19.5
New entrants	10.3	9.4	9.3	8.5	14.0	12.5	11.6	8.8
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE								
Job losers	4.4	5.7	4.0	5.2	6.6	9.1	6.4	8.4
Job leavers	.8	.8	.8	.8	1.2	1.0	1.3	1.0
Reentrants	1.9	2.1	1.7	1.8	3.8	4.2	2.5	2.5
New entrants	.8	.9	.7	.7	1.9	2.0	1.3	1.1

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A-67. Employment status of male Vietnam-era veterans and nonveterans by age

[Numbers in thousands]

Veteran status and age	Civilian noninstitutional population		Civilian labor force							
			Total		Employed		Unemployed			
							Number		Percent of labor force	
	I 1981	I 1982	I 1981	I 1982	I 1981	I 1982	I 1981	I 1982	I 1981	I 1982
VETERANS										
Total, 25 years and over	8,463	8,563	8,011	8,177	7,502	7,457	509	720	6.4	8.8
25 to 39 years	7,322	7,239	7,026	6,927	6,552	6,270	474	657	6.8	9.5
25 to 29 years	1,559	1,327	1,456	1,226	1,299	1,042	158	184	10.8	15.0
30 to 34 years	3,449	3,394	3,337	2,964	3,124	2,692	213	272	6.4	9.2
35 to 39 years	2,303	2,318	2,232	2,736	2,129	2,536	103	201	4.6	7.3
40 years and over	1,141	1,424	985	1,251	950	1,187	35	63	3.5	5.1
NONVETERANS										
Total, 25 to 39 years	16,855	17,326	15,944	16,863	14,822	15,365	1,122	1,498	7.0	8.9
25 to 29 years	7,738	8,353	7,264	7,558	6,552	6,733	612	825	8.4	10.9
30 to 34 years	5,243	5,786	4,991	5,519	4,673	5,097	318	422	6.4	7.6
35 to 39 years	3,875	3,990	3,689	3,786	3,496	3,535	193	251	5.2	6.6

NOTE: Vietnam-era veterans are males who served in the Armed Forces between August 5, 1964 and May 7, 1975. Nonveterans are males who have never served in the Armed Forces. published data are limited to those 25 to 39 years of age, the group that most closely corresponds to the bulk of the Vietnam-era veteran population.

A-68. Employment status of male Vietnam-era veterans and nonveterans by age, race, and Hispanic origin

[Numbers in thousands]

Employment status and age	Veterans						Nonveterans					
	White		Black and other		Hispanic origin		White		Black and other		Hispanic origin	
	I 1981	I 1982	I 1981	I 1982	I 1981	I 1982	I 1981	I 1982	I 1981	I 1982	I 1981	I 1982
Total, 25 to 39 years												
Civilian noninstitutional population	6,553	6,476	768	763	253	276	14,470	15,337	2,386	2,489	1,287	1,354
Civilian labor force	6,330	6,235	695	691	239	264	13,835	14,671	2,109	2,203	1,206	1,273
Employed	5,936	5,691	615	579	214	235	12,950	13,766	1,872	1,874	1,085	1,120
Unemployed	394	544	80	112	25	29	885	1,169	237	329	121	153
Unemployment rate	6.2	8.7	11.5	16.2	10.5	11.0	6.4	8.0	11.2	14.9	10.0	12.0
25 to 29 years												
Civilian noninstitutional population	1,356	1,125	213	202	72	45	6,724	7,007	1,014	1,043	572	578
Civilian labor force	1,267	1,051	189	175	66	44	6,389	6,671	875	899	538	544
Employed	1,139	907	159	135	60	41	5,898	6,286	754	723	484	477
Unemployed	128	144	30	40	6	3	491	649	121	176	54	67
Unemployment rate	10.1	13.7	15.9	22.9	9.1	6.8	7.7	9.7	13.8	19.6	10.0	12.3
30 to 34 years												
Civilian noninstitutional population	3,116	2,775	333	319	118	139	4,454	4,957	789	829	403	448
Civilian labor force	3,033	2,677	304	287	114	132	4,279	4,760	712	759	382	428
Employed	2,854	2,449	270	243	101	116	4,038	4,435	636	662	342	378
Unemployed	179	228	34	44	13	16	241	325	76	97	40	50
Unemployment rate	5.9	8.5	11.2	15.3	11.4	12.1	5.6	6.8	10.7	12.8	10.5	11.7
35 to 39 years												
Civilian noninstitutional population	2,081	2,576	222	242	63	92	3,292	3,373	583	617	312	328
Civilian labor force	2,030	2,507	202	229	59	88	3,167	3,240	522	545	286	301
Employed	1,943	2,335	186	201	53	78	3,014	3,045	482	489	259	265
Unemployed	87	172	16	28	6	10	153	195	40	56	27	36
Unemployment rate	4.3	6.9	7.9	12.2	10.2	11.4	4.8	6.0	7.7	10.3	9.4	12.0

A-69. Employment status of the noninstitutional population in metropolitan and nonmetropolitan areas by sex, age, and race

(Numbers in thousands)

Employment status, sex, age, and race	Metropolitan areas						Nonmetropolitan areas					
	Total		Central cities		Suburbs		Total		Farm		Nonfarm	
	I 1981	I 1982	I 1981	I 1982	I 1981	I 1982	I 1981	I 1982	I 1981	I 1982	I 1981	I 1982
TOTAL												
Civilian noninstitutional population	114,967	116,718	47,240	47,713	67,727	69,005	54,311	54,779	4,374	4,178	49,937	50,601
Civilian labor force	74,087	75,210	29,460	29,685	44,627	45,525	33,083	33,156	2,667	2,617	30,416	30,539
Percent of population	64.4	64.4	62.4	62.2	65.9	66.0	60.9	60.5	61.0	62.6	60.9	60.4
Employed	68,303	68,318	26,776	26,575	41,527	41,743	30,329	29,765	2,560	2,521	27,769	27,244
Unemployed	5,784	6,892	2,684	3,109	3,100	3,783	2, 54	3,392	107	95	2,647	3,297
Unemployment rate	7.8	9.2	9.1	10.5	6.9	8.3	8.3	10.2	4.0	3.6	8.7	10.8
Not in labor force	40,880	41,508	17,780	18,028	23,100	23,480	21,228	21,623	1,707	1,561	19,521	20,062
Males, 20 years and over												
Civilian noninstitutional population	48,786	49,796	19,672	20,060	29,114	29,736	23,160	23,410	1,988	1,896	21,172	21,514
Civilian labor force	38,969	39,645	15,138	15,407	23,831	24,238	17,694	17,735	1,595	1,563	16,099	16,172
Percent of population	79.9	79.6	77.0	76.8	81.9	81.5	76.4	75.8	80.2	82.4	76.0	75.2
Employed	36,272	36,234	13,860	13,859	22,412	22,375	16,395	16,033	1,554	1,512	14,841	14,521
Unemployed	2,697	3,411	1,278	1,548	1,419	1,863	1,299	1,702	42	51	1,257	1,651
Unemployment rate	6.9	8.6	8.4	10.0	6.0	7.7	7.3	9.6	2.6	3.3	7.8	10.2
Not in labor force	9,817	10,151	4,534	4,653	5,283	5,498	5,465	5,674	393	333	5,072	5,341
Females, 20 years and over												
Civilian noninstitutional population	55,231	56,218	23,326	23,618	31,905	32,600	25,735	26,150	1,922	1,861	23,813	24,289
Civilian labor force	29,372	30,201	12,279	12,448	17,093	17,753	12,680	12,922	840	855	11,840	12,067
Percent of population	53.2	53.7	52.6	52.7	53.6	54.5	49.3	49.4	43.7	46.0	49.7	49.7
Employed	27,475	27,973	11,378	11,411	16,097	16,562	11,752	11,827	797	829	10,955	10,998
Unemployed	1,897	2,228	900	1,038	997	1,190	928	1,095	43	26	885	1,069
Unemployment rate	6.5	7.4	7.3	8.3	5.8	6.7	7.3	8.5	5.1	3.1	7.5	8.9
Not in labor force	25,859	26,017	11,048	11,170	14,811	14,847	13,055	13,228	1,081	1,006	11,974	12,222
Both sexes, 16-19 years												
Civilian noninstitutional population	10,950	10,704	4,241	4,035	6,709	6,669	5,417	5,219	464	421	4,953	4,798
Civilian labor force	5,746	5,364	2,043	1,829	3,703	3,535	2,709	2,499	232	199	2,477	2,300
Percent of population	52.5	50.1	48.2	45.3	55.2	53.0	50.0	47.9	49.9	47.1	50.0	47.9
Employed	4,557	4,111	1,537	1,305	3,020	2,806	2,182	1,904	209	181	1,973	1,723
Unemployed	1,189	1,253	506	524	683	729	526	595	22	18	504	577
Unemployment rate	20.7	23.4	24.8	28.6	18.4	20.6	19.4	23.8	9.7	9.0	20.3	25.1
Not in labor force	5,205	5,340	2,198	2,206	3,007	3,134	2,708	2,720	233	223	2,475	2,497
White												
Civilian noninstitutional population	97,788	99,337	35,404	35,772	62,384	63,565	49,362	49,606	4,082	3,976	45,280	45,630
Civilian labor force	63,544	64,492	22,442	22,642	41,102	41,850	30,253	30,222	2,513	2,515	27,740	27,707
Percent of population	65.0	64.9	63.4	63.3	65.9	65.8	61.3	60.9	61.6	63.3	61.3	60.7
Employed	59,151	59,288	20,784	20,751	38,367	38,537	27,911	27,364	2,420	2,433	25,491	24,931
Unemployed	4,393	5,204	1,658	1,891	2,735	3,313	2,342	2,857	94	82	2,248	2,775
Unemployment rate	6.9	8.1	7.4	8.4	6.7	7.9	7.7	9.5	3.7	3.3	8.1	10.0
Not in labor force	34,244	34,845	12,962	13,131	21,282	21,714	19,108	19,384	1,568	1,461	17,540	17,923
Black and other												
Civilian noninstitutional population	17,180	17,381	11,836	11,941	5,344	5,440	4,950	5,173	292	202	4,658	4,971
Civilian labor force	10,543	10,718	7,018	7,043	3,525	3,675	2,830	2,935	154	102	2,676	2,833
Percent of population	61.4	61.7	59.3	59.0	66.0	67.6	57.2	56.7	52.6	50.2	57.4	57.0
Employed	9,152	9,030	5,991	5,825	3,161	3,205	2,418	2,400	140	88	2,278	2,312
Unemployed	1,391	1,688	1,027	1,218	364	470	413	535	14	14	399	521
Unemployment rate	13.2	15.8	14.6	17.3	10.3	12.8	14.6	18.2	9.0	13.3	14.9	18.4
Not in labor force	6,637	6,663	4,818	4,899	1,819	1,764	2,120	2,238	139	101	1,981	2,137

A-70. Employment status of the noninstitutional population in poverty and nonpoverty areas by race

(Number in thousands)

Employment status and race	Total United States				Metropolitan areas				Nonmetropolitan areas			
	Poverty areas		Nonpoverty areas		Poverty areas		Nonpoverty areas		Poverty areas		Nonpoverty areas	
	I 1981	I 1982	I 1981	I 1982	I 1981	I 1982	I 1981	I 1982	I 1981	I 1982	I 1981	I 1982
TOTAL												
Civilian noninstitutional population	30,306	29,864	138,973	141,633	11,383	11,183	103,584	105,535	18,923	18,681	35,389	36,098
Civilian labor force	16,895	16,518	90,275	91,849	6,140	5,992	67,947	69,218	10,755	10,526	22,328	22,631
Percent of population	55.7	55.3	65.0	64.9	53.9	53.6	65.6	65.6	56.8	56.3	63.1	62.7
Employed	15,087	14,426	83,546	83,657	5,258	5,009	63,045	63,310	9,829	9,417	20,500	20,347
Unemployed	1,808	2,092	6,729	8,192	882	983	4,901	5,909	926	1,108	1,828	2,283
Unemployment rate	10.7	12.7	7.5	8.9	14.4	16.4	7.2	8.5	8.6	10.5	8.2	10.1
Not in labor force	13,410	13,347	48,698	49,784	5,243	5,191	35,638	36,317	8,167	8,156	13,061	13,467
White												
Civilian noninstitutional population	21,458	20,907	125,691	128,036	5,771	5,596	92,016	93,741	15,687	15,311	33,674	34,295
Civilian labor force	12,458	20,907	81,505	82,814	3,260	3,160	60,283	61,332	9,032	8,740	21,221	21,482
Percent of population	57.3	56.9	64.8	64.7	56.5	56.5	65.5	65.4	57.6	57.1	63.0	62.6
Employed	11,257	10,768	75,805	75,885	2,893	2,794	56,258	56,494	8,364	7,974	19,547	19,391
Unemployed	1,035	1,132	5,699	6,929	368	365	4,025	4,838	668	766	1,674	2,091
Unemployment rate	8.4	9.5	7.0	8.4	11.3	11.6	6.7	7.9	7.4	8.8	7.9	9.7
Not in labor force	9,166	9,007	44,186	45,223	2,511	2,436	31,733	32,409	6,655	6,571	12,453	12,814
Black and other												
Civilian noninstitutional population	8,847	8,958	13,282	13,596	5,612	5,587	11,568	11,794	3,236	3,371	1,714	1,802
Civilian labor force	4,603	4,618	8,770	9,035	2,880	2,832	7,663	7,886	1,723	1,786	1,107	1,149
Percent of population	52.0	51.6	66.0	66.5	51.3	50.7	66.2	66.9	53.3	53.0	64.6	63.8
Employed	3,830	3,658	7,740	7,772	2,365	2,214	6,787	6,816	1,465	1,444	953	956
Unemployed	773	960	1,030	1,263	515	618	876	1,070	258	342	154	193
Unemployment rate	16.8	20.8	11.7	14.0	17.9	21.8	11.4	13.6	15.0	19.1	13.9	16.8
Not in labor force	4,244	4,340	4,512	4,561	2,732	2,755	3,905	3,908	1,512	1,585	607	653

A-71. Unemployment rates in poverty and nonpoverty areas by race, sex, and age

Race, sex, and age	Total United States				Metropolitan areas				Nonmetropolitan areas			
	Poverty areas		Nonpoverty areas		Poverty areas		Nonpoverty areas		Poverty areas		Nonpoverty areas	
	I 1981	I 1982	I 1981	I 1982	I 1981	I 1982	I 1981	I 1982	I 1981	I 1982	I 1981	I 1982
TOTAL												
Both sexes, 16 years and over	10.7	12.7	7.5	8.9	14.4	16.4	7.2	8.5	8.6	10.5	8.2	10.1
Males, 20 years and over	9.4	11.8	6.6	8.4	13.3	16.0	6.4	8.0	7.3	9.5	7.4	9.6
Females, 20 years and over	9.3	10.5	6.2	7.2	11.4	12.8	6.0	6.9	8.0	9.1	7.0	8.6
Both sexes, 16-19 years	26.3	31.0	19.1	22.2	37.0	39.9	19.2	21.9	20.4	26.0	19.0	22.9
White												
Both sexes, 16 years and over	8.4	9.5	7.0	8.4	11.3	11.6	6.7	7.9	7.4	8.8	7.9	9.7
Males, 20 years and over	7.5	8.9	6.3	7.9	10.9	11.3	6.0	7.4	6.2	8.0	7.2	9.3
Females, 20 years and over	6.9	7.4	5.8	6.7	7.4	8.6	5.4	6.3	6.7	7.0	6.7	7.8
Both sexes, 16-19 years	21.9	25.1	17.7	20.7	32.2	28.9	17.5	20.2	18.4	23.8	18.2	22.1
Black and other												
Both sexes, 16 years and over	16.8	20.8	11.7	14.0	17.9	21.8	11.4	13.6	15.0	19.1	13.9	16.8
Males, 20 years and over	15.2	20.5	10.0	13.4	16.4	22.1	9.7	13.1	13.4	17.9	12.1	15.7
Females, 20 years and over	14.7	17.0	10.2	11.4	15.1	16.6	9.9	10.9	13.9	17.7	12.3	14.6
Both sexes, 16-19 years	38.6	45.7	35.6	38.4	42.1	51.5	36.1	38.1	32.2	36.4	33.1	39.9

A-72. Unemployment in families by type of family, race, Hispanic origin, and presence of employed family members

(Numbers in thousands)

Type of family, race, and Hispanic origin	I 1981					I 1982				
	Total families	With unemployment:				Total families	With unemployment:			
		Total	Percent of families:				Total	Percent of families:		
			With no employed person in family	With at least one employed person in family	With at least one person in family employed full time			With no employed person in family	With at least one employed person in family	With at least one person in family employed full time
TOTAL										
Total families	60,718	6,494	28.7	71.3	62.6	61,195	7,552	30.1	69.9	58.9
With children under 18 years of age	31,170	4,008	29.9	70.1	60.9	31,149	4,560	32.1	67.9	56.5
Married-couple families	49,295	4,828	22.0	78.0	69.4	49,353	5,637	23.7	76.3	65.2
With children under 18 years of age	24,811	3,049	50.4	49.6	69.2	24,510	3,526	24.1	75.9	63.7
Families maintained by females	9,121	1,348	50.4	49.6	39.8	9,484	1,507	51.0	49.0	38.0
With children under 18 years of age	5,581	852	57.2	42.8	33.5	5,817	898	60.6	39.4	29.7
Families maintained by males	2,303	318	37.3	62.7	57.1	2,357	407	42.0	58.0	49.6
With children under 18 years of age	779	107	46.3	53.7	45.4	822	136	51.5	48.5	42.6
White										
Total families	52,887	5,195	25.9	74.1	65.3	53,251	6,008	27.9	72.1	60.8
With children under 18 years of age	26,364	3,161	26.2	73.8	64.3	26,290	3,578	28.9	71.1	58.8
Married-couple families	44,738	4,164	21.7	78.3	69.6	44,741	4,815	23.7	76.3	64.9
With children under 18 years of age	22,109	2,609	21.4	78.6	69.0	21,782	2,974	24.0	76.0	63.2
Families maintained by females	6,293	789	45.6	54.4	44.0	6,561	879	45.9	54.1	42.4
With children under 18 years of age	3,627	464	50.2	49.8	40.3	3,809	494	54.2	45.8	34.9
Families maintained by males	1,855	241	34.4	65.6	59.3	1,949	314	41.0	59.0	50.0
With children under 18 years of age	629	88	42.5	57.5	51.7	699	110	49.1	50.9	45.5
Black										
Total families	6,544	1,169	39.9	60.1	51.7	6,609	1,369	40.2	59.8	50.1
With children under 18 years of age	3,978	757	44.4	55.6	48.0	4,009	862	45.5	54.5	46.2
Married-couple families	3,522	564	23.0	77.0	69.5	3,552	678	23.0	77.0	67.1
With children under 18 years of age	2,021	367	21.7	78.3	72.0	2,030	447	23.9	76.1	67.3
Families maintained by females	2,646	538	57.0	43.0	33.4	2,728	604	58.8	41.2	31.3
With children under 18 years of age	1,832	373	65.7	34.3	24.9	1,879	391	69.1	30.9	22.8
Families maintained by males	376	67	46.3	53.7	49.3	329	87	44.8	55.2	48.3
With children under 18 years of age	126	17	(1)	(1)	(1)	99	25	(1)	(1)	(1)
Hispanic origin										
Total families	3,288	484	32.6	67.4	59.7	3,367	560	32.1	67.9	57.2
With children under 18 years of age	2,281	348	36.0	64.0	56.5	2,339	395	34.4	65.6	55.2
Married-couple families	2,402	349	28.4	71.6	63.8	2,455	421	26.6	73.4	64.4
With children under 18 years of age	1,695	264	30.0	70.0	61.6	1,728	316	28.2	71.8	62.3
Families maintained by females	699	102	46.6	53.4	43.7	738	105	50.5	49.5	32.4
With children under 18 years of age	519	75	54.8	45.2	38.4	550	67	60.6	39.4	25.8
Families maintained by males	187	34	(1)	(1)	(1)	174	34	(1)	(1)	(1)
With children under 18 years of age	67	9	(1)	(1)	(1)	61	12	(1)	(1)	(1)

[1] Percent not shown where base is less than 60,000

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A-73. Unemployed persons by family relationship, race, Hispanic origin, and presence of employed family members

(Numbers in thousands)

Family relationship, race, and Hispanic origin	I 1981				I 1982			
	Total	Percent of unemployed:			Total	Percent of unemployed:		
		With no employed persons in family	With at least one employed person in family	With at least one person in family employed full time		With no employed persons in family	With at least one employed person in family	With at least one person in family employed full time
TOTAL								
Total unemployed	8,544	41.3	58.7	51.5	10,284	42.8	57.2	48.1
In families	7,257	30.8	69.2	60.6	8,723	32.5	67.5	56.7
Husbands	1,908	45.5	54.5	40.1	2,452	44.4	55.6	38.6
With children under 18 years of age	1,233	48.4	51.6	35.3	1,616	48.2	51.8	33.1
Wives	1,488	19.2	80.8	75.0	1,692	21.9	78.1	70.6
With children under 18 years of age	912	16.7	83.3	77.0	1,094	19.7	80.3	72.5
Relatives in married-couple families	1,977	8.4	91.6	86.7	2,328	11.3	88.7	82.4
Females who maintain families	551	79.9	20.1	11.7	607	80.7	19.3	11.8
With children under 18 years of age	447	86.0	14.0	6.9	493	87.8	12.2	6.1
Relatives in families maintained by females	1,001	34.2	65.8	56.0	1,178	35.5	64.5	51.1
Males who maintain families	129	65.4	34.6	26.0	193	71.5	28.5	20.1
With children under 18 years of age	55	(2)	(2)	(2)	76	83.1	16.9	9.5
Relatives in families maintained by males	223	24.7	75.3	71.1	273	25.7	74.3	66.1
Not in families[1]	1,287	--	--	--	1,561	--	--	--
White								
Total unemployed	6,739	39.4	60.6	53.2	8,061	40.9	59.1	49.7
In families	5,706	28.5	71.5	62.8	6,838	30.3	69.7	58.5
Husbands	1,640	45.6	54.4	39.4	2,097	44.6	55.4	37.3
With children under 18 years of age	1,052	48.8	51.2	33.7	1,354	48.7	51.3	30.9
Wives	1,251	19.2	80.8	75.2	1,421	20.4	79.6	72.3
With children under 18 years of age	756	17.1	82.9	77.1	893	17.8	82.2	74.6
Relatives in married-couple families	1,665	7.3	92.7	88.0	1,952	11.0	89.0	82.7
Females who maintain families	294	73.6	26.4	15.6	329	74.0	26.0	16.3
With children under 18 years of age	219	81.9	18.1	8.9	247	84.5	15.5	8.1
Relatives in families maintained by females	584	34.2	65.8	56.9	681	33.8	66.2	52.4
Males who maintain families	97	62.5	37.5	28.2	134	69.9	30.1	20.6
With children under 18 years of age	42	(2)	(2)	(2)	61	82.1	17.9	10.0
Relatives in families maintained by males	136	22.4	77.7	72.4	203	24.3	75.7	67.2
Not in families[1]	1,033	--	--	--	1,223	--	--	--
Black								
Total unemployed	1,616	48.2	51.8	45.0	1,969	50.1	49.9	42.1
In families	1,395	40.0	60.0	52.1	1,678	41.5	58.5	49.6
Husbands	224	42.9	57.1	48.2	297	42.6	57.4	47.2
With children under 18 years of age	150	43.7	56.3	50.1	214	44.7	55.3	46.3
Wives	180	19.1	80.9	74.0	207	29.2	70.8	62.5
With children under 18 years of age	134	13.6	86.4	77.9	156	28.1	71.9	62.8
Relatives in married-couple families	269	13.7	86.3	80.1	321	12.5	87.5	80.6
Females who maintain families	248	86.8	13.2	7.6	271	89.3	10.7	6.4
With children under 18 years of age	218	34.4	65.6	52.5	241	91.7	8.3	3.9
Relatives in families maintained by females	405	34.6	65.4	54.3	477	37.8	62.2	49.2
Males who maintain families	27	(2)	(2)	(2)	35	(2)	(2)	(2)
With children under 18 years of age	10	(2)	(2)	(2)	13	(2)	(2)	(2)
Relatives in families maintained by males	42	(2)	(2)	(2)	65	29.2	70.8	64.0
Not in families[1]	221	--	--	--	291	--	--	--
Hispanic origin								
Total unemployed	673	42.6	57.4	50.4	771	44.1	55.9	46.0
In families	580	33.5	66.5	58.4	665	35.1	64.9	53.4
Husbands	157	34.1	65.9	52.3	194	46.7	53.3	39.6
With children under 18 years of age	128	36.7	63.3	50.1	152	53.5	46.5	35.8
Wives	111	26.4	73.6	70.5	133	19.5	80.5	69.7
With children under 18 years of age	81	25.8	74.2	70.8	103	18.7	81.3	70.6
Relatives in married-couple families	155	9.6	90.4	82.2	197	13.3	86.7	77.4
Females who maintain families	37	(2)	(2)	(2)	40	(2)	(2)	(2)
With children under 18 years of age	33	(2)	(2)	(2)	28	(2)	(2)	(2)
Relatives in families maintained by females	80	29.2	70.8	63.3	88	45.1	54.9	35.0
Males who maintain families	20	(2)	(2)	(2)	20	(2)	(2)	(2)
With children under 18 years of age	6	(2)	(2)	(2)	8	(2)	(2)	(2)
Relatives in families maintained by males	19	(2)	(2)	(2)	22	(2)	(2)	(2)
Not in families[1]	93	--	--	--	106	--	--	--

[1] The majority of these persons are living alone or with nonrelatives. Also included are persons in married-couple families where the husband is in the Armed Forces, persons in secondary families, and some whose status is unknown.

[2] Percent not shown where base is less than 60,000.

A-74. Employed persons by family relationship, race, Hispanic origin, and presence of additional employed family members

(Numbers in thousands)

Family relationship, race, and Hispanic origin	I 1981				I 1982			
	Total	Percent of employed			Total	Percent of employed		
		With no other employed person in family	With another employed person in family	With another person in family employed full time		With no other employed person in family	With another employed person in family	With another person in family employed full time
TOTAL								
Total employed	98,635	38.3	61.7	51.9	98,083	38.9	61.1	50.8
In families	83,428	27.1	72.9	61.4	82,495	27.4	72.6	60.4
Husbands	37,752	37.4	62.6	44.8	36,971	37.0	63.0	44.2
With children under 18 years of age	22,502	40.0	60.0	39.0	21,792	39.6	60.4	38.5
Wives	23,640	10.2	89.8	84.7	23,589	11.2	88.8	83.1
With children under 18 years of age	12,817	6.1	93.9	89.9	12,718	7.6	92.4	87.4
Relatives in married-couple families	10,911	5.8	94.2	89.8	10,648	7.2	92.8	88.0
Females who maintain families	4,907	67.4	32.6	20.7	5,103	68.1	31.9	20.4
With children under 18 years of age	3,312	79.9	20.1	9.5	3,417	80.5	19.5	8.9
Relatives in families maintained by females	3,480	28.1	71.9	60.7	3,413	27.4	72.6	61.3
Males who maintain families	1,633	58.6	41.4	30.0	1,611	57.5	42.5	31.6
With children under 18 years of age	649	74.7	25.3	11.1	664	75.5	24.5	12.5
Relatives in families maintained by males	1,105	17.8	82.2	75.6	1,160	17.5	82.5	74.5
Not in families[1]	15,207	--	--	--	15,588	--	--	--
White								
Total employed	87,064	37.7	62.3	52.2	86,653	38.4	61.6	50.9
In families	73,825	26.5	73.5	61.5	73,012	26.9	73.1	60.4
Husbands	34,386	37.7	62.3	43.8	33,665	37.4	62.6	43.1
With children under 18 years of age	20,237	40.6	59.4	37.3	19,597	40.3	59.7	36.6
Wives	21,169	9.8	90.2	85.2	21,067	10.7	89.3	83.6
With children under 18 years of age	11,262	5.6	94.4	90.6	11,136	7.0	93.0	88.1
Relatives in married-couple families	9,892	5.6	94.4	90.1	9,620	7.1	92.9	88.1
Females who maintain families	3,547	65.4	34.6	21.5	3,716	65.7	34.3	21.6
With children under 18 years of age	2,369	78.5	21.5	9.1	2,459	78.9	21.1	9.2
Relatives in families maintained by females	2,591	28.3	71.7	61.0	2,631	28.0	72.0	60.9
Males who maintain families	1,339	58.3	*41.7	29.6	1,361	57.5	42.5	31.0
With children under 18 years of age	535	73.7	26.3	10.8	582	74.7	25.3	13.0
Relatives in families maintained by males	901	16.9	83.1	76.3	954	18.0	82.0	74.2
Not in families[1]	13,239	--	--	--	13,641	--	--	--
Black								
Total employed	9,208	45.4	54.6	47.3	9,080	44.9	55.1	47.9
In families	7,604	33.9	66.1	57.3	7,476	33.1	66.9	58.2
Husbands	2,552	33.7	66.3	55.0	2,492	31.7	68.3	57.0
With children under 18 years of age	1,687	34.6	65.4	54.1	1,619	32.0	68.0	56.7
Wives	1,884	16.0	84.0	78.2	1,932	17.1	82.9	77.2
With children under 18 years of age	1,164	11.4	88.6	82.9	1,195	13.8	86.2	80.3
Relatives in married-couple families	695	9.1	90.9	85.1	723	9.1	90.9	84.9
Females who maintain families	1,258	73.7	26.3	17.5	1,269	75.9	24.1	16.0
With children under 18 years of age	895	83.7	16.3	9.5	885	85.4	14.6	8.4
Relatives in families maintained by females	804	29.1	70.9	58.6	699	26.0	74.0	*61.9
Males who maintain families	247	60.8	39.2	31.6	196	58.3	41.7	35.0
With children under 18 years of age	97	78.0	22.0	13.9	63	79.9	20.1	11.8
Relatives in families maintained by males	164	24.0	76.0	72.3	165	16.0	84.0	73.8
Not in families[1]	1,604	--	--	--	1,604	--	--	--
Hispanic origin								
Total employed	5,145	39.7	60.3	52.8	5,167	38.5	61.5	52.3
In families	4,442	30.1	69.9	61.2	4,524	29.7	70.3	59.7
Husbands	1,919	42.9	57.1	44.6	1,976	41.7	58.3	43.6
With children under 18 years of age	1,464	45.2	54.8	41.5	1,472	45.0	55.0	40.4
Wives	1,053	9.1	90.9	86.7	1,098	10.2	89.8	83.3
With children under 18 years of age	740	7.2	92.8	88.9	755	8.8	91.2	85.1
Relatives in married-couple families	670	8.1	91.9	87.0	680	8.0	92.0	84.9
Females who maintain families	298	71.3	28.7	21.1	296	73.6	26.4	17.7
With children under 18 years of age	213	81.8	18.2	10.2	222	81.4	18.6	8.7
Relatives in families maintained by females	224	29.5	70.5	60.3	217	32.6	67.4	55.9
Males who maintain families	142	49.4	50.6	41.0	122	43.5	56.5	48.1
With children under 18 years of age	55	(2)	(2)	(2)	45	(2)	(2)	(2)
Relatives in families maintained by males	136	13.4	86.6	81.5	137	9.9	90.1	83.5
Not in families[1]	703	--	--	--	643	--	--	--

[1] The majority of these persons are living alone or with nonrelatives. Also included are persons in married-couple families where the husband is in the Armed Forces, persons in secondary families, and some whose status is unknown.

[2] Percent not shown where base is less than 60,000.

A-75. Median weekly earnings of families by type of family, number of earners, race, and Hispanic origin

Type of family, number of earners, race, and Hispanic origin	Number of families (in thousands)		Median weekly earnings			
					Percent change over the year in:	
	IV 1980	IV 1981	IV 1980	IV 1981	Current dollars	Constant dollars
TOTAL						
Total families with earners[1]	40,405	40,513	$415	$442	6.5	-2.6
Married-couple families	31,114	32,920	486	486	8.9	-.4
One earner	14,319	13,949	320	336	4.7	-3.2
Husband	11,655	11,077	355	383	7.7	-1.6
Wife	2,056	2,227	157	179	14.1	3.1
Other family member	610	644	177	198	12.0	2.4
Two or more earners	16,794	18,972	552	601	8.9	-.5
Husband and wife	14,011	16,099	558	608	8.9	-.4
Husband and other family member(s)	2,268	2,318	554	603	8.8	-.5
Wife and other family member(s)	373	408	358	380	7.4	-1.8
Other family members only	142	146	378	405	7.1	-2.0
Families maintained by females	5,652	5,889	229	245	7.1	-2.1
One earner	4,012	4,274	190	204	7.8	-1.4
Householder	3,137	3,331	198	212	9.1	-.3
Other family member	875	943	168	176	5.1	-3.9
Two or more earners	1,641	1,615	379	399	5.1	-3.9
Families maintained by males	1,639	1,704	385	405	5.1	-3.9
One earner	996	1,082	305	327	7.2	-1.9
Two or more earners	643	622	509	545	7.2	-2.0
White						
Total families with earners[1]	35,247	35,232	426	456	7.0	-2.1
Married-couple families	29,909	29,592	451	492	9.1	-.3
One earner	13,134	12,649	328	345	5.3	-3.8
Husband	10,810	10,184	363	392	8.1	-1.1
Wife	1,772	1,891	157	179	14.0	4.2
Two or more earners	16,775	16,944	559	608	8.9	-.4
Husband and wife	14,261	14,361	564	615	9.0	-.3
Families maintained by females	4,056	4,249	234	252	7.5	-1.7
Families maintained by males	1,282	1,390	395	413	4.6	-4.3
Black						
Total families with earners[1]	4,466	4,574	316	332	5.0	-3.9
Married-couple families	2,673	2,749	382	412	7.7	-1.5
One earner	1,001	1,044	224	240	7.3	-1.9
Husband	700	701	262	276	5.2	-3.8
Wife	250	288	150	173	15.3	5.5
Two or more earners	1,672	1,705	480	532	10.8	1.3
Husband and wife	1,461	1,477	491	540	9.9	.5
Families maintained by females	1,493	1,550	207	226	9.4	.1
Families maintained by males	301	275	346	353	1.8	-6.9
Hispanic origin						
Total families with earners[1]	2,342	2,478	333	358	7.7	-1.5
Married-couple families	1,861	1,945	365	394	7.9	-1.3
One earner	905	916	234	256	9.3	.0
Husband	769	774	245	277	12.8	3.2
Wife	94	105	(2)	181	--	--
Two or more earners	956	1,028	466	508	9.1	-.2
Husband and wife	748	782	478	526	10.0	.6
Families maintained by females	327	382	201	225	11.6	2.0
Families maintained by males	154	152	333	263	-21.0	-27.8

[1] Data exclude families in which there is no wage or salary earner or in which the husband, wife, or other person maintaining the family is either self-employed or in the Armed Forces.

[2] Median not shown where base is less than 100,000.

NOTE: The Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W) is used to deflate these earnings data. Because the index for the most recent quarter is not available at the time *Employment and Earnings* is published, it is necessary to lag the publication of these tables by 1 quarter.

NOTE: Data presented in tables A-75 through A-79 and 1 through 5 have not been revised to reflect 1980 census population controls.

A-76. Families with unemployed members and wage and salary workers by type of family and median weekly earnings

Type of family and relationship of unemployed members to wage and salary earners	Number of families (in thousands)		Median weekly earnings			
	IV 1980	IV 1981	IV 1980	IV 1981	Percent change over the year in: Current dollars	Constant dollars
Married-couple families[1]	2,952	3,326	$321	$335	4.2	-4.7
Husband unemployed	742	961	167	193	15.7	5.8
Wife only earner	600	785	153	185	20.8	10.5
Wife and other earner(s)	82	105	(2)	332	--	--
Other earner(s) only	59	71	(2)	(2)	--	--
Wife unemployed	1,096	1,095	$313	$338	7.8	-1.4
Husband only earner	898	933	298	319	7.1	-2.1
Husband and other earner(s)	131	147	477	520	9.0	-.3
Other earner(s) only	17	14	(2)	(2)	--	--
Other member(s) unemployed	1,165	1,271	470	493	5.0	-4.0
Husband or wife earner	548	599	389	408	4.8	-4.1
Both husband and wife earners	565	613	592	619	4.5	-4.4
Other combinations of earners	52	59	(2)	(2)	--	--
Families maintained by females[1]	573	731	193	231	19.7	9.5
Householder unemployed	87	88	(2)	(2)	--	--
Other member(s) unemployed	486	643	$207	$236	14.1	4.3
Families maintained by males[1]	150	208	253	282	3.6	-11.8

[1] Data exclude families in which there is no wage or salary earner or in which the husband, wife or other person maintaining the family is either self-employed or in the Armed Forces.

[2] Median not shown where base is less than 100,000.

A-77. Median weekly earnings of full-time wage and salary workers by selected characteristics

Characteristic	Number of workers (in thousands)		Median weekly earnings			
					Percent change over the year in :	
	IV 1980	IV 1981	IV 1980	IV 1981	Current dollars	Constant dollars
SEX AND AGE						
Total, 16 years and over	70,367	70,258	$277	$301	8.7	-0.6
Males, 16 years and over	42,538	42,194	335	361	7.9	-1.3
16 to 24 years	7,146	6,838	221	231	4.5	-4.5
25 years and over	35,392	35,356	359	392	9.0	-.3
Females, 16 years and over	27,829	28,065	211	232	10.1	.7
16 to 24 years	5,865	5,569	176	189	7.4	-1.8
25 years and over	21,964	22,495	223	245	9.4	.1
FAMILY RELATIONSHIP						
Husbands	29,579	29,207	361	395	9.4	.0
Wives	14,672	14,520	213	236	10.5	1.0
Others in married-couple families	5,952	5,894	192	209	8.5	-.7
Females who maintain families	3,766	3,870	213	234	10.0	.6
Others in such families	2,298	2,306	197	208	5.4	-3.6
Males who maintain families	1,322	1,317	339	363	7.2	-2.0
Others in such families	847	911	201	219	9.0	-.4
All other males[1]	6,388	6,420	315	335	6.3	-2.8
All other females[1]	5,543	5,814	232	256	10.1	.7
RACE AND HISPANIC ORIGIN						
White	61,656	61,523	285	309	8.3	-1.0
Males	37,818	37,535	342	371	8.5	-.8
Females	23,838	23,988	213	234	9.6	.2
Black	7,323	7,354	225	249	10.8	1.3
Males	3,973	3,920	257	284	10.4	1.0
Females	3,349	3,434	194	218	12.8	3.2
Hispanic origin	4,062	4,196	218	236	8.0	-1.2
Males	2,570	2,666	241	260	7.9	-1.3
Females	1,493	1,531	183	203	11.1	1.6

[1] The majority of these persons are living alone or with nonrelatives. Also included are persons in some whose family status is unknown. married-couple families where the husband is in the Armed Forces, persons in secondary families, and

A-78. Median weekly earnings of part-time wage and salary workers by selected characteristics

Characteristic	Number of workers (in thousands)		Median weekly earnings			
					Percent change over the year in:	
	IV 1980	IV 1981	IV 1980	IV 1981	Current dollars	Constant dollars
SEX AND AGE						
Total, 16 years and over	15,833	16,214	$73	$80	10.3	0.9
Males, 16 years and over	4,958	4,984	68	76	10.9	1.4
16 to 24 years	3,139	3,091	61	66	8.2	-1.1
25 years and over	1,818	1,893	92	101	10.3	.9
Females, 16 years and over	10,875	11,230	75	82	10.3	.9
16 to 24 years	3,914	3,807	60	65	7.5	-1.7
25 years and over	6,962	7,423	85	99	16.8	6.1
FAMILY RELATIONSHIP						
Husbands	1,314	1,292	92	102	11.0	1.5
Wives	5,602	5,870	89	100	12.2	2.6
Others in married-couple families	4,563	4,617	55	61	11.6	2.0
Females who maintain families	817	900	80	98	22.5	12.0
Others in such families	1,029	1,011	60	67	12.2	2.6
Males who maintain families	100	84	84	(2)	--	--
Others in such families	306	307	73	69	-5.2	-13.3
All other males[1]	752	714	91	95	4.7	-3.2
All other females[1]	1,350	1,419	77	84	8.8	-.9
RACE AND HISPANIC ORIGIN						
White	14,123	14,578	73	81	10.3	.8
Males	4,385	4,441	68	75	11.0	1.5
Females	9,738	10,136	75	82	10.2	.8
Black	1,468	1,397	70	80	14.1	8.3
Males	481	456	74	79	6.8	-2.7
Females	987	940	69	80	15.9	6.0
Hispanic origin	659	679	77	79	2.8	-6.4
Males	266	272	74	80	7.5	-1.7
Females	393	406	80	78	-2.6	-10.9

[1] The majority of these persons are living alone or with nonrelatives. Also included are persons in married-couple families where the husband is in the Armed Forces, persons in secondary families, and some whose family status is unknown.

[2] Median not shown where base is less than 100,000.

A-79. Median weekly earnings of full-time wage and salary workers by occupation and sex

Occupation and sex	Number of workers (in thousands)		Median weekly earnings		Percent change over the year in	
	IV 1980	IV 1981	IV 1980	IV 1981	Current dollars	Constant dollars
TOTAL						
Professional and technical workers	12,465	13,114	$358	$400	11.7	2.2
Managers and administrators, except farm	7,611	7,532	390	411	5.3	-3.8
Sales workers	3,491	3,516	299	317	5.8	-3.3
Clerical workers	13,521	13,499	222	238	7.2	-2.0
Craft and kindred workers	10,418	10,077	340	363	6.8	-2.3
Operatives, except transport	9,393	8,926	230	247	7.4	-1.8
Transport equipment operatives	2,727	2,717	295	315	7.0	-2.2
Nonfarm laborers	3,000	2,961	225	251	11.5	2.0
Service workers	6,996	7,204	185	200	8.0	-1.2
Farm workers	746	712	178	182	2.0	-4.7
Males						
Professional and technical workers	7,022	7,483	424	465	9.7	.3
Managers and administrators, except farm	5,523	5,276	444	474	6.7	-2.4
Sales workers	2,273	2,354	350	376	7.5	-1.7
Clerical workers	2,918	2,845	314	329	4.7	-4.3
Craft and kindred workers	9,874	9,476	346	372	7.4	-1.8
Operatives, except transport	5,726	5,440	284	308	8.6	-.7
Transport equipment operatives	2,600	2,592	300	320	6.7	-2.5
Nonfarm laborers	2,634	2,636	232	262	12.9	3.2
Service workers	3,314	3,473	229	246	7.3	-1.9
Farm workers	653	620	181	186	2.4	-6.3
Females						
Professional and technical workers	5,443	5,631	300	327	9.1	-.3
Managers and administrators, except farm	2,089	2,256	269	303	13.2	3.5
Sales workers	1,218	1,162	179	190	5.9	-3.2
Clerical workers	10,603	10,654	206	226	9.7	.3
Craft and kindred workers	543	601	224	254	13.4	3.7
Operatives, except transport	3,667	3,487	177	190	7.2	-2.0
Transport equipment operatives	127	125	219	223	1.6	-7.1
Nonfarm laborers	366	326	175	190	8.8	-.5
Service workers	3,681	3,731	156	171	9.9	.5
Farm workers	93	92	(1)	(1)	--	--

[1] Median not shown where base is less than 100,000.

1. Median weekly earnings of families by type of family, number of earners, race, and Hispanic origin

Type of family, number of earners, race, and Hispanic origin	Number of families (in thousands)		Median weekly earnings			
	1980	1981	1980	1981	Percent change over the year in:	
					Current dollars	Constant dollars
TOTAL						
Total families with earners[1]	40,395	40,597	$405	$438	7.2	-2.8
Married-couple families	33,199	33,191	437	474	8.5	-1.6
One earner	14,512	14,272	312	333	6.5	-3.4
Husband	11,886	11,535	344	374	8.7	-1.4
Wife	2,024	2,116	160	179	12.1	1.7
Other family member	602	621	167	183	9.5	-.6
Two or more earners	18,688	18,919	539	586	8.7	-1.4
Husband and wife	15,777	16,006	583	591	8.7	-1.4
Husband and other family member(s)	2,351	2,332	556	601	8.0	-2.0
Wife and other family member(s)	422	436	350	371	6.0	-3.9
Other family members only	137	145	362	373	3.0	-6.6
Families maintained by females	5,583	5,765	227	241	5.9	-3.9
One earner	3,940	4,139	188	199	5.8	-4.0
Householder	3,041	3,225	191	205	7.1	-2.8
Other family member	899	915	173	177	2.0	-7.5
Two or more earners	1,642	1,625	372	397	6.6	-3.3
Families maintained by males	1,614	1,641	365	382	4.7	-5.0
One earner	996	1,046	290	312	7.7	-2.3
Two or more earners	617	595	501	532	6.3	-3.6
White						
Total families with earners[1]	35,268	35,392	417	447	7.4	-2.6
Married-couple families	29,876	29,866	442	481	8.9	-1.2
One earner	13,220	12,938	321	343	6.9	-3.0
Husband	10,969	10,598	351	383	9.3	-.9
Wife	1,712	1,791	162	180	11.4	1.1
Two or more earners	16,656	16,929	546	593	8.6	-1.4
Husband and wife	14,029	14,301	549	597	8.7	-1.4
Families maintained by females	4,080	4,186	237	249	5.0	-4.8
Families maintained by males	1,311	1,340	378	397	5.1	-4.6
Black						
Total families with earners[1]	4,848	4,512	303	321	5.9	-4.0
Married-couple families	2,783	2,768	369	394	6.7	-3.3
One earner	1,098	1,106	214	237	11.0	.7
Husband	759	760	245	270	10.1	-.1
Wife	278	288	149	175	17.6	6.7
Two or more earners	1,690	1,662	473	511	8.0	-2.0
Husband and wife	1,462	1,429	483	522	8.1	-2.0
Families maintained by females	1,805	1,480	195	217	11.5	1.1
Families maintained by males	259	265	314	310	-1.2	-10.4
Hispanic origin						
Total families with earners[1]	2,302	2,438	325	351	8.1	-2.6
Married-couple families	1,827	1,922	347	385	11.0	.7
One earner	887	911	234	248	5.7	-4.1
Husband	765	772	248	273	10.2	-.1
Wife	90	96	145	168	15.6	4.4
Two or more earners	940	1,011	459	492	7.1	-2.8
Husband and wife	741	795	487	502	7.6	-2.4
Families maintained by females	324	368	213	212	-.3	-9.6
Families maintained by males	152	147	327	290	-11.4	-19.7

[1] Data exclude families in which there is no wage or salary earner or in which the husband, wife, or other person maintaining the family is either self-employed or in the Armed Forces.

HOUSEHOLD DATA
ANNUAL AVERAGES

2. Families with unemployed members and wage and salary workers by type of family and median weekly earnings

Type of family and relationship of unemployed members to wage and salary earners	Number of families (in thousands)		Median weekly earnings			
	1980	1981	1980	1981	Percent change over the year in:	
					Current dollars	Constant dollars
Married-couple families[1]	3,053	3,296	$322	$341	6.2	-3.7
Husband unemployed	823	880	172	189	9.9	-.3
Wife only earner	637	686	162	180	11.2	.9
Wife and other earner(s)	100	105	338	349	3.5	-6.2
Other earner(s) only	86	89	138	144	4.8	-4.9
Wife unemployed	1,021	1,079	318	328	3.4	-6.2
Husband only earner	865	923	302	309	2.2	-7.3
Husband and other earner(s)	137	137	471	537	13.9	3.3
Other earner(s) only	20	20	(2)	(2)	--	--
Other member(s) unemployed	1,208	1,336	$478	$515	7.8	-2.2
Husband or wife earner	574	624	389	410	5.4	-4.4
Both husband and wife earners	593	665	578	626	8.2	-1.8
Other combinations of earners	42	47	(2)	(2)	--	--
Families maintained by females[1]	569	678	$213	$219	2.9	-6.7
Householder unemployed	78	89	149	146	-2.0	-11.1
Other member(s) unemployed	491	589	224	228	1.7	-7.7
Families maintained by males[1]	182	199	298	292	-.8	-10.0

[1] Data exclude families in which there is no wage or salary earner or in which the husband, wife, or other person maintaining the family is either self-employed or in the Armed Forces.

[2] Median not shown where base is less than 50,000.

3. Median weekly earnings of full-time wage and salary workers by selected characteristics

Characteristic	Number of workers (in thousands)		Median weekly earnings			
					Percent change over the year in	
	1980	1981	1980	1981	Current dollars	Constant dollars
SEX AND AGE						
Total, 16 years and over	70,437	70,919	$266	$289	8.7	-1.4
Males, 16 years and over	42,896	42,931	322	348	7.9	-2.1
16 to 24 years	7,675	7,409	214	225	5.0	-4.8
25 years and over	35,171	35,522	346	379	9.5	-.7
Females, 16 years and over	27,591	27,988	208	225	10.1	-.1
16 to 24 years	6,081	5,879	171	184	7.7	-2.3
25 years and over	21,510	22,114	217	237	9.1	-1.0
FAMILY RELATIONSHIP						
Husbands	29,665	29,531	349	383	9.9	-.3
Wives	14,333	14,456	208	229	10.1	-.1
Others in married-couple families	6,383	6,461	184	196	6.9	-3.1
Females who maintain families	3,727	3,842	210	228	8.6	-1.5
Others in such families	2,361	2,315	193	203	5.0	-4.8
Males who maintain families	1,320	1,316	314	343	9.1	-1.0
Others in such families	839	832	198	211	6.6	-3.3
All other males[1]	6,296	6,520	298	323	8.5	-1.6
All other females[1]	5,515	5,646	222	246	10.8	.3
RACE AND HISPANIC ORIGIN						
White	61,807	62,218	27[illegible]	296	8.4	-1.7
Males	38,178	38,251	32[illegible]	357	8.5	-1.6
Females	23,629	23,967	206	226	9.8	-.4
Black	7,294	7,326	219	239	9.4	-.8
Males	3,946	3,942	247	273	10.4	.2
Females	3,348	3,384	190	211	11.1	.7
Hispanic origin	3,972	4,125	214	229	7.3	-2.7
Males	2,541	2,655	238	252	6.2	-3.6
Females	1,431	1,470	177	193	8.6	-1.5

[1] The majority of these persons are living alone or with nonrelatives. Also included are persons in some whose family status is unknown. married-couple families where the husband is in the Armed Forces, persons in secondary families, and

4. Median weekly earnings of part-time wage and salary workers by selected characteristics

Characteristic	Number of workers (in thousands)		Median weekly earnings			
					Percent change over the year in:	
	1980	1981	1980	1981	Current dollars	Constant dollars
SEX AND AGE						
Total, 16 years and over	15,384	15,732	$74	$81	9.2	-0.9
Males, 16 years and over	4,795	4,838	71	78	9.9	-.3
16 to 24 years	3,026	3,004	63	67	7.6	-2.4
25 years and over	1,768	1,834	90	101	12.5	2.1
Females, 16 years and over	10,589	10,894	75	82	9.2	-1.0
16 to 24 years	3,661	3,705	62	67	8.1	-2.0
25 years and over	6,888	7,189	83	93	11.6	1.2
FAMILY RELATIONSHIP						
Husbands	1,259	1,275	91	101	11.2	.8
Wives	5,547	5,778	86	94	10.0	-.2
Others in married-couple families	4,963	4,503	60	64	7.3	-2.7
Females who maintain families	753	812	80	91	13.8	3.3
Others in such families	997	1,019	62	67	8.4	-1.7
Males who maintain families	83	78	83	86	3.6	-6.1
Others in such families	259	274	73	71	-2.1	-11.2
All other males[1]	681	676	93	101	9.0	-1.1
All other females[1]	1,300	1,317	76	84	10.6	.3
RACE AND HISPANIC ORIGIN						
White	13,665	14,060	74	81	8.9	-1.2
Males	4,209	4,265	70	77	9.6	-.6
Females	9,456	9,795	75	82	8.9	-1.3
Black	1,418	1,425	71	80	13.1	2.6
Males	487	484	75	81	9.1	-1.0
Females	930	941	69	80	15.1	4.4
Hispanic origin	637	691	79	83	4.1	-5.6
Males	253	256	81	81	.3	-9.0
Females	385	435	79	84	6.2	-3.7

[1] The majority of these persons are living alone or with nonrelatives. Also included are persons in married-couple families where the husband is in the Armed Forces, persons in secondary families, and some whose family status is unknown.

5. Median weekly earnings of full-time wage and salary workers by occupation and sex

Occupation and sex	Number of workers (in thousands)		Median weekly earnings			
					Percent change over the year in:	
	1980	1981	1980	1981	Current dollars	Constant dollars
TOTAL						
Professional and technical workers	12,197	12,572	$341	$378	10.9	0.6
Managers and administrators, except farm	7,501	7,717	380	408	7.4	-2.6
Sales workers	3,464	3,521	279	307	9.8	-.4
Clerical workers	13,715	13,760	215	233	8.5	-1.6
Craft and kindred workers	10,507	10,338	328	353	7.7	-2.3
Operatives, except transport	9,232	9,243	225	242	7.5	-2.4
Transport equipment operatives	2,813	2,739	286	304	6.0	-3.8
Nonfarm laborers	3,159	3,147	220	239	8.4	-1.7
Service workers	7,108	7,140	180	193	7.1	-2.8
Farm workers	741	743	169	179	5.7	-4.1
Males						
Professional and technical workers	6,947	7,182	406	440	8.4	-1.6
Managers and administrators, except farm	5,472	5,531	435	468	7.6	-2.4
Sales workers	2,302	2,360	337	367	8.9	-1.2
Clerical workers	3,027	2,959	305	329	7.7	-2.3
Craft and kindred workers	9,953	9,755	334	361	8.1	-1.9
Operatives, except transport	5,601	5,652	275	299	9.0	-1.2
Transport equipment operatives	2,689	2,606	290	308	6.1	-3.7
Nonfarm laborers	2,811	2,821	227	244	7.3	-2.6
Service workers	3,398	3,409	224	239	6.3	-3.5
Farm workers	646	656	173	183	5.6	-4.2
Females						
Professional and technical workers	5,250	5,390	287	316	10.1	-.1
Managers and administrators, except farm	2,029	2,186	257	284	10.4	.2
Sales workers	1,162	1,161	176	190	7.8	-2.2
Clerical workers	10,688	10,801	199	220	10.4	.1
Craft and kindred workers	555	583	213	240	12.3	1.8
Operatives, except transport	3,631	3,591	174	188	8.1	-1.9
Transport equipment operatives	124	133	213	238	11.7	1.3
Nonfarm laborers	349	326	172	193	12.1	1.7
Service workers	3,710	3,731	149	165	10.7	.4
Farm workers	95	87	141	148	4.5	-5.2

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B-1. Employees on nonagricultural payrolls by industry division, 1930 to date

(In thousands)

Year and month	Total	Goods producing				Service-producing									
		Total	Mining	Construction	Manufacturing	Total	Transportation and public utilities	Wholesale and retail trade			Finance, insurance, and real estate	Services	Government		
								Total	Wholesale trade	Retail trade			Total	Federal	State and local
Annual averages															
1930	29,409	11,958	1,009	1,387	9,562	17,451	3,685	5,797	–	–	1,460	3,361	3,148	526	2,622
1931	26,635	10,272	873	1,229	8,170	16,363	3,254	5,284	–	–	1,392	3,169	3,264	560	2,704
1932	23,615	8,647	731	985	6,931	14,968	2,816	4,683	–	–	1,326	2,918	3,225	559	2,666
1933	23,699	8,965	744	824	7,397	14,734	2,672	4,755	–	–	1,280	2,861	3,166	565	2,601
1934	25,940	10,261	883	877	8,501	15,679	2,750	5,281	–	–	1,304	3,045	3,299	652	2,647
1935	27,039	10,893	897	927	9,069	16,146	2,786	5,431	–	–	1,320	3,128	3,481	753	2,728
1936	29,068	11,933	946	1,160	9,827	17,135	2,973	5,809	–	–	1,373	3,312	3,668	826	2,842
1937	31,011	12,936	1,015	1,127	10,794	18,075	3,134	6,265	–	–	1,417	3,503	3,756	833	2,923
1938	29,194	11,401	891	1,070	9,440	17,793	2,863	6,179	–	–	1,410	3,458	3,883	829	3,054
1939	30,603	12,297	854	1,165	10,278	18,306	2,936	6,426	1,762	4,664	1,447	3,502	3,995	905	3,090
1940	32,361	13,221	925	1,311	10,985	19,140	3,038	6,750	1,835	4,914	1,485	3,665	4,202	996	3,206
1941	36,539	15,963	957	1,814	13,192	20,574	3,274	7,210	1,960	5,251	1,525	3,905	4,660	1,340	3,320
1942	40,106	18,470	992	2,198	15,280	21,636	3,460	7,118	1,906	5,212	1,509	4,066	5,483	2,213	3,270
1943	42,434	20,114	925	1,587	17,602	22,320	3,647	6,982	1,822	5,160	1,481	4,130	6,080	2,905	3,175
1944	41,864	19,328	892	1,108	17,328	22,536	3,829	7,058	1,845	5,214	1,461	4,145	6,043	2,928	3,116
1945	40,374	17,507	836	1,147	15,524	22,867	3,906	7,314	1,949	5,365	1,481	4,222	5,944	2,808	3,137
1946	41,652	17,248	862	1,683	14,703	24,404	4,061	8,376	2,291	6,084	1,675	4,697	5,595	2,254	3,341
1947	43,857	18,509	935	2,009	15,545	25,348	4,166	8,955	2,471	6,485	1,728	5,025	5,474	1,892	3,582
1948	44,866	18,774	994	2,198	15,582	26,092	4,189	9,272	2,605	6,667	1,800	5,181	5,650	1,863	3,787
1949	43,754	17,565	930	2,194	14,441	26,189	4,001	9,264	2,602	6,662	1,828	5,240	5,856	1,908	3,948
1950	45,197	18,506	901	2,364	15,241	26,691	4,034	9,386	2,635	6,751	1,888	5,357	6,026	1,928	4,098
1951	47,819	19,959	929	2,637	16,393	27,860	4,226	9,742	2,727	7,015	1,956	5,547	6,389	2,302	4,087
1952	48,793	20,198	898	2,668	16,632	28,595	4,248	10,004	2,812	7,192	2,035	5,699	6,609	2,420	4,188
1953	50,202	21,074	866	2,659	17,549	29,128	4,290	10,247	2,854	7,393	2,111	5,835	6,645	2,305	4,340
1954	48,990	19,751	791	2,646	16,314	29,239	4,084	10,235	2,867	7,368	2,200	5,969	6,751	2,188	4,563
1955	50,641	20,513	792	2,839	16,882	30,128	4,141	10,535	2,926	7,610	2,298	6,240	6,914	2,187	4,727
1956	52,369	21,104	822	3,039	17,243	31,266	4,244	10,858	3,018	7,840	2,389	6,497	7,278	2,209	5,069
1957	52,853	20,964	828	2,962	17,174	31,889	4,241	10,886	3,028	7,858	2,438	6,708	7,616	2,217	5,399
1958	51,324	19,513	751	2,817	15,945	31,811	3,976	10,750	2,980	7,770	2,481	6,765	7,839	2,191	5,648
1959[1]	53,268	20,411	732	3,004	16,675	32,857	4,011	11,127	3,082	8,045	2,549	7,087	8,083	2,233	5,850
1960	54,189	20,434	712	2,926	16,796	33,755	4,004	11,391	3,143	8,248	2,629	7,378	8,353	2,270	6,083
1961	53,999	19,857	672	2,859	16,326	34,142	3,903	11,337	3,133	8,204	2,688	7,620	8,594	2,279	6,315
1962	55,549	20,451	650	2,948	16,853	35,098	3,906	11,566	3,198	8,368	2,754	7,982	8,890	2,340	6,550
1963	56,653	20,640	635	3,010	16,995	36,013	3,903	11,778	3,248	8,530	2,830	8,277	9,225	2,358	6,868
1964	58,283	21,005	634	3,097	17,274	37,278	3,951	12,140	3,317	8,823	2,911	8,660	9,596	2,348	7,248
1965	60,765	21,926	632	3,232	18,062	38,839	4,036	12,716	3,466	9,250	2,977	9,036	10,074	2,378	7,696
1966	63,901	23,158	627	3,317	19,214	40,743	4,158	13,245	3,597	9,648	3,058	9,498	10,784	2,564	8,220
1967	65,803	23,308	613	3,248	19,447	42,495	4,268	13,606	3,689	9,917	3,185	10,045	11,391	2,719	8,672
1968	67,897	23,737	606	3,350	19,781	44,160	4,318	14,099	3,779	10,320	3,337	10,567	11,839	2,737	9,102
1969	70,384	24,361	619	3,575	20,167	46,023	4,442	14,705	3,907	10,798	3,512	11,169	12,195	2,758	9,437
1970	70,880	23,578	623	3,588	19,367	47,302	4,515	15,040	3,993	11,047	3,645	11,548	12,554	2,731	9,823
1971	71,214	22,935	609	3,704	18,623	48,278	4,476	15,352	4,001	11,351	3,772	11,797	12,881	2,696	10,185
1972	73,675	23,668	628	3,889	19,151	50,007	4,541	15,949	4,113	11,836	3,908	12,276	13,334	2,684	10,649
1973	76,790	24,893	642	4,097	20,154	51,897	4,656	16,607	4,277	12,329	4,046	12,857	13,732	2,663	11,068
1974	78,265	24,794	697	4,020	20,077	53,471	4,725	16,987	4,433	12,554	4,148	13,441	14,170	2,724	11,446
1975	76,945	22,600	752	3,525	18,323	54,345	4,542	17,060	4,415	12,645	4,165	13,892	14,686	2,748	11,937
1976	79,382	23,352	779	3,576	18,997	56,030	4,582	17,755	4,546	13,209	4,271	14,551	14,871	2,733	12,138
1977	82,471	24,346	813	3,851	19,682	58,125	4,713	18,516	4,708	13,808	4,467	15,303	15,127	2,727	12,399
1978	86,697	25,585	851	4,229	20,505	61,113	4,923	19,342	4,969	14,373	4,724	16,252	15,672	2,753	12,919
1979	89,823	26,461	958	4,483	21,040	63,363	5,136	20,192	5,204	14,989	4,975	17,112	15,947	2,773	13,174
1980	90,564	25,718	1,020	4,399	20,303	64,847	5,143	20,386	5,281	15,104	5,168	17,901	16,249	2,866	13,383
1981	91,593	25,672	1,104	4,307	20,261	65,871	5,151	20,738	5,343	15,395	5,331	18,598	16,054	2,772	13,282
Monthly data, seasonally adjusted															
1981:															
March	91,347	25,705	1,098	4,416	20,191	65,642	5,139	20,635	5,316	15,319	5,293	18,371	16,204	2,781	13,423
April	91,458	25,730	950	4,418	20,332	65,758	5,161	20,636	5,333	15,303	5,316	18,475	16,173	2,767	13,403
May	91,764	25,705	957	4,334	20,414	65,859	5,148	20,714	5,346	15,368	5,326	18,540	16,131	2,779	13,352
June	91,615	25,818	1,110	4,288	20,424	65,797	5,149	20,717	5,349	15,368	5,331	18,560	16,040	2,781	13,259
July	91,883	25,939	1,132	4,272	20,535	65,941	5,167	20,796	5,360	15,436	5,344	18,642	15,992	2,777	13,215
August	91,901	25,931	1,151	4,275	20,505	65,970	5,170	20,862	5,375	15,487	5,354	18,657	15,917	2,770	13,147
September	92,033	25,930	1,162	4,272	20,493	66,103	5,186	20,872	5,370	15,502	5,366	18,774	15,905	2,765	13,140
October	91,832	25,652	1,162	4,259	20,241	66,170	5,168	20,916	5,360	15,556	5,360	18,788	15,938	2,759	13,179
November	91,722	25,418	1,172	4,229	20,017	66,104	5,147	20,838	5,363	15,475	5,355	18,838	15,926	2,748	13,178
December	91,113	25,104	1,175	4,193	19,735	66,009	5,122	20,735	5,336	15,399	5,366	18,856	15,930	2,741	13,189
1982:															
January	90,879	24,801	1,166	4,085	19,553	66,078	5,124	20,849	5,321	15,528	5,361	18,845	15,899	2,742	13,157
February[p]	91,040	24,841	1,166	4,168	19,507	66,199	5,101	20,925	5,320	15,605	5,364	18,918	15,891	2,737	13,154
March[p]	90,922	24,660	1,163	4,122	19,375	66,262	5,088	20,904	5,309	15,595	5,373	18,898	15,899	2,732	13,167

[1] Data include Alaska and Hawaii beginning 1959. This inclusion has resulted in an increase of 212,000 (0.4 percent) in the nonagricultural total for the March 1959 benchmark month.

NOTE: Data from April 1980 forward are subject to revision when more recent benchmark data are introduced. See "Benchmark adjustment" in the Explanatory notes of this publication.

p = preliminary

B-2. Employees on nonagricultural payrolls by industry

(In thousands)

1972 SIC Code	Industry	All employees					Production workers[1]				
		Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P	Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P
	TOTAL	90,138	90,720	89,799	89,964	90,255	-	-	-	-	-
	PRIVATE SECTOR	73,680	74,227	73,912	73,852	74,074	59,533	60,115	59,534	59,503	59,705
	MINING	1,071	1,084	1,149	1,146	1,148	790	800	838	834	834
10	**METAL MINING**	103.3	102.6	90.7	87.9	-	78.3	77.6	67.5	65.0	-
101	Iron ores	21.9	21.9	18.9	18.6	-	17.0	17.1	14.5	14.3	-
102	Copper ores	36.7	36.3	32.5	31.9	-	28.5	28.1	24.7	24.1	-
11, 12	**COAL MINING**	249.9	252.9	255.4	254.1	-	206.4	208.6	211.6	210.3	-
12	**BITUMINOUS COAL AND LIGNITE MINING**	246.4	249.5	252.0	250.7	-	203.3	205.6	208.5	207.0	-
13	**OIL AND GAS EXTRACTION**	607.6	615.1	701.8	701.8	-	422.6	428.1	485.1	482.7	-
131, 2	Crude petroleum, natural gas, and natural gas liquids	240.0	242.2	271.4	272.3	-	105.6	106.4	116.4	115.3	-
138	Oil and gas field services	367.6	372.9	430.4	429.5	-	317.0	321.7	368.7	366.2	-
14	**NONMETALLIC MINERALS, EXCEPT FUELS**	109.9	113.1	100.9	101.8	-	82.8	85.0	73.8	74.3	-
142	Crushed and broken stone	32.5	33.7	27.6	28.0	-	26.0	27.1	20.9	21.4	-
144	Sand and gravel	30.1	31.8	26.8	26.8	-	-	-	-	-	-
147	Chemical and fertilizer minerals	27.1	27.0	26.5	26.6	-	-	-	-	-	-
	CONSTRUCTION	3,901	4,048	3,721	3,705	3,780	2,964	3,107	2,775	2,768	2,839
15	**GENERAL BUILDING CONTRACTORS**	1,076.1	1,110.9	1,005.1	990.0	-	737.1	821.7	728.3	709.7	-
152	Residential building construction	525.0	540.0	494.5	484.4	-	357.2	382.4	340.1	329.2	-
153	Operative builders	59.8	60.5	50.6	49.0	-	32.3	32.8	25.6	24.1	-
154	Nonresidential building construction	491.3	510.4	460.0	456.6	-	337.6	406.5	358.6	355.4	-
16	**HEAVY CONSTRUCTION CONTRACTORS**	742.1	795.1	712.9	729.1	-	574.5	626.4	542.7	558.4	-
161	Highway and street construction	173.9	191.8	144.1	151.3	-	135.3	153.4	108.6	115.4	-
162	Heavy construction, except highway	568.2	603.3	568.8	577.8	-	438.2	473.0	434.1	443.0	-
17	**SPECIAL TRADE CONTRACTORS**	2,082.4	2,141.5	2,003.0	1,986.0	-	1,601.9	1,658.9	1,507.8	1,494.4	-
171	Plumbing, heating, air conditioning	531.8	532.8	523.2	514.2	-	394.1	394.3	381.4	372.2	-
172	Painting, paper hanging, decorating	117.5	121.6	116.8	113.8	-	94.0	98.0	92.6	90.3	-
173	Electrical work	405.6	404.3	420.7	393.5	-	310.8	309.4	305.0	297.4	-
174	Masonry, stonework, and plastering	337.5	351.2	297.6	310.1	-	285.1	299.1	242.4	255.0	-
175	Carpentering and flooring	115.8	119.1	107.3	107.0	-	88.3	87.8	75.1	75.0	-
176	Roofing and sheet metal work	141.1	152.8	137.1	138.1	-	109.1	120.3	102.9	104.1	-
	MANUFACTURING	20,065	20,160	19,462	19,410	19,352	13,971	14,049	13,276	13,253	13,215
24, 25, 32-39	**DURABLE GOODS**	12,042	12,120	11,589	11,539	11,511	8,279	8,345	7,763	7,734	7,714
20-23, 26-31	**NONDURABLE GOODS**	8,023	8,040	7,873	7,871	7,841	5,692	5,704	5,513	5,515	5,501
	DURABLE GOODS										
24	**LUMBER AND WOOD PRODUCTS**	674.5	678.3	602.4	610.6	608.0	561.1	563.8	490.7	493.3	487.1
241	Logging camps and logging contractors	80.3	78.6	70.4	76.4	-	52.9	51.0	55.9	58.5	-
242	Sawmills and planing mills	207.6	207.6	183.4	186.3	-	182.7	183.0	159.8	163.3	-
2421	Sawmills and planing mills, general	172.3	172.2	152.2	155.7	-	152.3	152.4	133.1	137.2	-
2426	Hardwood dimension and flooring	30.6	30.8	27.4	26.8	-	26.3	26.5	23.4	22.8	-
243	Millwork, plywood, and structural members	204.4	205.9	179.0	177.2	-	158.9	160.0	144.6	143.3	-
2431	Millwork	71.1	71.2	62.9	62.2	-	57.0	57.3	49.0	48.2	-
2434	Wood kitchen cabinets	49.0	49.6	42.7	41.8	-	39.6	39.6	33.0	32.3	-
2435	Hardwood veneer and plywood	26.4	26.8	24.1	24.4	-	23.2	23.6	21.0	21.4	-
2436	Softwood veneer and plywood	43.2	42.6	36.8	36.8	-	38.4	37.9	32.7	32.8	-
244	Wood containers	41.8	42.4	38.6	39.8	-	35.9	36.4	32.2	33.5	-
245	Wood buildings and mobile homes	60.9	63.5	52.8	56.8	-	44.3	46.4	36.8	38.7	-
2451	Mobile homes	43.3	45.6	39.1	43.8	-	32.6	34.5	28.6	32.2	-
249	Miscellaneous wood products	79.5	80.3	74.2	74.1	-	66.4	67.0	61.4	61.5	-
25	**FURNITURE AND FIXTURES**	471.7	472.1	463.2	459.8	456.1	380.9	380.9	369.0	365.3	362.2
251	Household furniture	310.5	310.7	298.0	294.5	-	250.8	250.4	247.0	243.6	-
2511	Wood household furniture	140.7	141.0	135.1	133.2	-	122.2	122.4	116.6	114.8	-
2512	Upholstered household furniture	95.0	96.4	92.0	91.3	-	78.8	78.9	73.9	73.1	-
2514	Metal household furniture	31.3	30.7	30.8	30.1	-	25.9	25.1	24.9	24.3	-
2515	Mattresses and bedsprings	30.0	30.0	27.7	27.7	-	23.1	23.0	20.8	20.9	-
252	Office furniture	53.5	50.6	52.3	52.4	-	39.4	39.6	40.4	40.4	-
253	Public building and related furniture	23.6	23.7	25.1	25.2	-	17.6	17.7	18.4	18.5	-
254	Partitions and fixtures	59.9	59.9	59.2	59.7	-	44.4	44.5	43.5	43.6	-
259	Miscellaneous furniture and fixtures	27.2	27.2	28.6	28.0	-	18.7	18.7	19.7	19.1	-

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry – Continued

[In thousands]

1972 SIC Code	Industry	All employees					Production workers[1]				
		Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P	Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P
32	**STONE, CLAY, AND GLASS PRODUCTS**	630.6	639.5	589.1	584.6	588.1	482.3	490.1	442.7	439.0	443.1
321	Flat glass	19.4	19.1	16.0	15.8	-	14.7	14.6	12.0	11.9	-
322	Glass and glassware, pressed or blown	120.7	121.5	117.3	116.4	-	101.4	102.0	99.1	98.2	-
3221	Glass containers	66.5	66.8	64.5	64.6	-	57.9	58.1	56.5	56.7	-
3229	Pressed and blown glass, nec	54.2	54.7	52.8	51.8	-	43.5	43.9	42.6	41.5	-
323	Products of purchased glass	46.8	46.7	45.0	44.3	-	32.6	32.2	30.3	29.9	-
324	Cement, hydraulic	29.0	28.9	26.7	26.8	-	22.7	22.7	20.9	20.9	-
325	Structural clay products	42.3	42.4	36.9	35.9	-	31.6	31.7	26.7	26.0	-
326	Pottery and related products	45.0	44.8	38.9	40.3	-	37.0	36.8	31.3	32.5	-
327	Concrete, gypsum, and plaster products	178.6	185.9	162.1	160.2	-	134.0	140.5	119.0	117.5	-
3271	Concrete block and brick	18.2	19.1	17.4	16.4	-	12.2	13.0	11.3	10.5	-
3272	Concrete products, nec	60.8	61.2	55.1	55.7	-	44.8	45.0	39.8	40.2	-
3273	Ready-mixed concrete	79.3	85.4	70.5	69.5	-	60.5	66.1	52.6	51.9	-
329	Misc. nonmetallic mineral products	137.7	138.7	135.1	133.2	-	99.4	100.3	94.6	92.6	-
3291	Abrasive products	28.6	28.9	28.7	28.5	-	19.4	19.7	18.7	18.5	-
3292	Asbestos products	17.3	17.3	16.5	16.0	-	13.4	13.4	12.4	11.9	-
3296	Mineral wool	31.6	31.6	30.3	30.3	-	-	-	-	-	-
33	**PRIMARY METAL INDUSTRIES**	1,137.7	1,141.3	1,041.7	1,024.1	1,018.3	877.3	880.9	783.9	770.2	765.3
331	Blast furnace and basic steel products	510.5	512.6	462.0	450.8	-	396.9	398.8	349.4	340.0	-
3312	Blast furnaces and steel mills	428.1	429.8	386.8	376.4	-	334.1	335.7	293.5	284.8	-
3317	Steel pipe and tubes	31.5	31.9	29.5	29.0	-	24.4	24.7	22.2	21.8	-
332	Iron and steel foundries	205.5	207.1	185.4	183.3	-	159.6	166.0	145.2	143.7	-
3321	Gray iron foundries	123.9	125.5	111.4	110.0	-	100.9	102.5	89.3	88.2	-
3322	Malleable iron foundries	15.6	15.6	13.6	13.4	-	12.0	12.0	10.2	10.1	-
3325	Steel foundries, nec	53.9	53.9	49.4	48.8	-	42.8	42.6	38.4	38.0	-
333	Primary nonferrous metals	71.7	71.8	67.1	65.9	-	53.9	54.1	49.2	48.1	-
3334	Primary aluminum	37.0	36.8	32.9	31.9	-	28.5	28.4	24.7	23.8	-
335	Nonferrous rolling and drawing	207.9	207.2	193.3	190.6	-	149.3	148.7	136.7	135.0	-
3351	Copper rolling and drawing	30.0	29.1	26.9	26.6	-	22.5	22.0	20.2	20.0	-
3353	Aluminum sheet, plate, and foil	34.6	34.7	30.0	29.4	-	26.5	26.5	22.6	22.2	-
3357	Nonferrous wire drawing and insulating	85.9	86.7	83.0	82.1	-	62.3	63.0	58.4	58.0	-
336	Nonferrous foundries	90.5	91.2	84.8	85.1	-	73.3	74.1	67.0	67.7	-
3361	Aluminum foundries	52.1	52.0	47.4	47.6	-	43.2	43.3	38.2	38.6	-
34	**FABRICATED METAL PRODUCTS**	1,578.1	1,585.4	1,502.3	1,494.4	1,485.7	1,165.1	1,172.0	1,086.9	1,080.1	1,074.0
341	Metal cans and shipping containers	72.9	71.7	57.4	68.2	-	61.5	60.4	56.9	57.5	-
3411	Metal cans	60.1	58.7	55.3	56.1	-	51.2	49.9	47.4	48.0	-
342	Cutlery, hand tools, and hardware	168.1	169.4	158.0	154.3	-	129.4	130.3	117.5	113.6	-
3423,5	Hand and edge tools, and hand saws and blades	58.7	58.9	56.5	55.6	-	45.2	45.1	42.7	41.7	-
3429	Hardware, nec	94.5	95.7	87.6	85.1	-	72.4	73.5	64.8	62.3	-
343	Plumbing and heating, except electric	67.6	67.4	66.0	66.8	-	48.4	48.4	45.5	46.5	-
3432	Plumbing fittings and brass goods	23.4	23.7	24.8	24.9	-	18.7	19.1	19.6	19.7	-
3433	Heating equipment, except electric	33.2	32.7	31.0	31.4	-	22.0	21.6	19.6	20.2	-
344	Fabricated structural metal products	498.6	497.9	474.4	468.0	-	340.3	339.3	318.1	311.5	-
3441	Fabricated structural metal	96.8	96.7	91.9	91.5	-	69.7	69.6	65.3	64.8	-
3442	Metal doors, sash, and trim	77.4	76.8	71.5	69.5	-	56.0	55.4	50.5	48.5	-
3443	Fabricated plate work (boiler shops)	148.8	149.1	142.1	140.5	-	90.8	90.6	84.7	82.9	-
3444	Sheet metal work	108.2	108.3	105.6	104.8	-	78.5	78.7	75.8	74.8	-
3446	Architectural metal work	32.5	32.1	30.5	30.3	-	22.8	22.6	21.1	21.0	-
345	Screw machine products, bolts, etc.	104.3	104.4	97.3	96.3	-	80.6	80.5	73.6	72.9	-
3451	Screw machine products	48.9	49.1	46.8	46.4	-	39.7	39.9	37.1	36.7	-
3452	Bolts, nuts, rivets, and washers	55.4	55.3	50.5	49.9	-	40.9	40.6	36.5	36.2	-
346	Metal forgings and stampings	253.6	258.7	229.8	230.7	-	199.0	204.7	177.3	179.5	-
3462	Iron and steel forgings	44.9	45.1	40.0	40.2	-	34.8	35.0	30.5	30.8	-
3465	Automotive stampings	87.5	92.7	77.4	78.6	-	71.0	76.4	62.6	64.5	-
3469	Metal stampings, nec	108.4	108.2	100.6	100.1	-	83.3	83.4	75.2	75.1	-
347	Metal services, nec	101.4	102.0	99.8	99.9	-	81.4	82.0	79.5	79.6	-
3471	Plating and polishing	68.7	69.2	66.6	66.7	-	55.9	56.4	54.0	54.2	-
3479	Metal coating and allied services	32.7	32.8	33.2	33.2	-	25.5	25.6	25.5	25.4	-
348	Ordnance and accessories, nec	59.6	59.8	61.3	61.6	-	39.0	39.1	39.3	39.5	-
3483	Ammunition, exc. for small arms, nec	25.3	25.2	25.4	25.4	-	17.0	16.8	16.2	16.3	-
349	Misc. fabricated metal products	252.0	254.1	248.3	248.6	-	185.5	187.3	179.2	179.5	-
3494	Valves and pipe fittings	103.3	103.5	103.6	102.8	-	70.8	71.1	69.5	69.3	-
3496	Misc. fabricated wire products	54.4	55.4	53.2	54.2	-	42.3	43.2	40.3	41.3	-
35	**MACHINERY, EXCEPT ELECTRICAL**	2,498.4	2,504.3	2,465.0	2,458.3	2,442.1	1,591.5	1,596.4	1,535.6	1,531.7	1,518.6
351	Engines and turbines	132.0	131.4	128.9	129.0	-	86.1	84.9	82.9	82.9	-
3511	Turbines and turbine generator sets	41.5	41.6	40.4	39.9	-	22.2	22.3	21.7	21.4	-
3519	Internal combustion engines, nec	90.5	89.8	88.5	89.1	-	63.9	62.6	61.2	61.4	-
352	Farm and garden machinery	170.6	173.1	153.6	155.8	-	114.6	117.0	101.2	104.2	-
3523	Farm machinery and equipment	145.9	148.4	126.3	129.3	-	96.6	99.0	80.5	83.8	-
353	Construction and related machinery	390.5	393.4	396.0	400.6	-	256.2	258.9	254.7	259.9	-
3531	Construction machinery	144.5	144.9	136.8	141.9	-	97.1	97.3	86.5	91.3	-

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry – Continued

[In thousands]

1972 SIC Code	Industry	All employees					Production workers[1]				
		Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P	Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P
	MACHINERY, EXCEPT ELECTRICAL—Continued										
3532	Mining machinery	38.1	38.7	35.6	36.3	-	23.6	24.1	21.9	22.5	-
3533	Oil field machinery	102.1	104.0	118.2	118.7	-	70.5	72.1	82.9	83.8	-
3535	Conveyors and conveying equipment	34.2	33.9	33.6	33.4	-	19.2	19.2	18.3	18.2	-
3537	Industrial trucks and tractors	36.3	36.4	34.8	34.5	-	24.2	24.4	22.1	22.0	-
354	Metalworking machinery	364.2	361.1	349.5	345.3	-	254.0	262.2	248.4	244.4	-
3541	Machine tools, metal cutting types	80.3	80.3	73.2	72.6	-	52.6	52.5	46.2	45.6	-
3542	Machine tools, metal forming types	25.9	26.0	25.1	24.6	-	16.4	16.4	15.7	15.3	-
3544	Special dies, tools, jigs, and fixtures	135.0	134.2	132.6	131.2	-	107.6	107.4	104.1	102.9	-
3545	Machine tool accessories	68.7	68.0	67.7	66.9	-	48.4	48.0	46.9	45.9	-
3546	Power driven hand tools	30.2	30.0	27.2	26.5	-	23.3	23.2	20.1	19.6	-
355	Special industry machinery	205.8	206.1	194.3	191.2	-	130.2	130.4	120.9	118.7	-
3551	Food products machinery	45.2	45.6	42.6	42.5	-	28.9	29.2	27.0	27.1	-
3552	Textile machinery	26.1	25.6	23.6	22.5	-	18.2	17.8	16.2	15.3	-
3555	Printing trades machinery	42.5	42.5	42.9	42.7	-	26.2	26.2	26.5	26.3	-
356	General industrial machinery	315.6	315.0	303.7	300.2	-	204.2	204.1	194.1	193.9	-
3561	Pumps and pumping equipment	62.3	62.0	62.1	61.7	-	36.2	36.0	36.6	36.1	-
3562	Ball and roller bearings	57.7	57.2	51.5	50.8	-	44.8	44.5	39.2	38.6	-
3563	Air and gas compressors	30.1	30.3	29.9	29.6	-	18.0	18.2	17.2	16.8	-
3564	Blowers and fans	40.9	40.8	37.8	38.2	-	25.4	25.4	23.4	23.6	-
3566	Speed changers, drives, and gears	26.2	26.4	26.2	26.9	-	17.3	17.4	17.0	16.2	-
3568	Power transmission equipment, nec	21.4	21.5	21.3	21.2	-	15.0	15.2	14.9	14.9	-
357	Office and computing machines	441.3	442.8	466.7	468.6	-	182.5	182.4	187.3	189.3	-
3573	Electronic computing equipment	362.0	363.5	390.5	392.9	-	139.8	139.8	147.8	150.3	-
358	Refrigeration and service machinery	180.4	181.2	173.8	175.8	-	124.9	125.7	119.6	121.2	-
3585	Refrigeration and heating equipment	124.1	124.8	117.4	117.9	-	87.0	87.5	81.4	82.1	-
359	Misc. machinery, except electrical	298.0	300.2	298.5	291.8	-	228.8	230.9	226.5	220.4	-
3592	Carburetors, pistons, rings, valves	40.9	41.5	38.3	34.3	-	33.1	33.9	29.5	25.8	-
3599	Machinery, except electrical, nec	257.1	258.7	260.2	257.5	-	195.7	197.0	197.0	194.5	-
36	**ELECTRIC AND ELECTRONIC EQUIPMENT**	2,112.3	2,119.5	2,099.3	2,089.2	2,077.5	1,330.6	1,337.0	1,291.9	1,281.5	1,272.3
361	Electric distributing equipment	120.3	120.3	117.0	115.7	-	84.3	85.1	83.0	81.4	-
3612	Transformers	51.5	51.8	50.9	50.8	-	35.9	36.7	36.2	36.1	-
3613	Switchgear and switchboard apparatus	68.8	68.5	66.1	64.9	-	48.4	48.4	46.8	45.3	-
362	Electrical industrial apparatus	236.6	237.8	229.3	226.4	-	157.6	159.3	151.7	150.0	-
3621	Motors and generators	121.3	122.2	117.2	115.3	-	93.2	94.0	89.7	87.8	-
3622	Industrial controls	70.7	70.2	68.0	67.4	-	43.5	43.5	41.0	40.5	-
363	Household appliances	168.3	169.9	149.2	149.3	-	135.3	136.5	114.0	114.1	-
3632	Household refrigerators and freezers	37.3	39.1	33.2	33.3	-	30.8	32.6	26.4	25.4	-
3633	Household laundry equipment	20.5	20.6	18.9	19.3	-	16.2	16.2	14.3	14.6	-
3634	Electric housewares and fans	51.4	51.5	47.1	45.3	-	41.6	41.5	36.2	34.4	-
364	Electric lighting and wiring equipment	206.9	209.9	204.6	204.9	-	153.6	156.0	149.2	149.2	-
3641	Electric lamps	34.8	34.8	35.5	35.8	-	30.8	30.7	31.5	31.8	-
3643	Current carrying wiring devices	87.2	88.3	88.1	87.9	-	60.0	60.6	58.4	58.2	-
3644	Noncurrent carrying wiring devices	22.9	23.1	21.7	21.7	-	16.5	16.8	15.7	15.5	-
3645	Residential lighting fixtures	25.1	25.9	23.3	23.4	-	19.0	19.8	17.3	17.4	-
365	Radio and TV receiving equipment	108.2	108.7	103.9	100.7	-	76.7	77.2	71.7	68.7	-
3651	Radio and TV receiving sets	86.5	86.7	84.0	81.0	-	59.9	60.0	57.0	54.1	-
366	Communication equipment	541.9	541.7	551.8	549.1	-	263.4	263.1	262.3	261.8	-
3661	Telephone and telegraph apparatus	158.2	156.6	146.6	145.6	-	105.6	104.4	97.0	96.3	-
3662	Radio and TV communication equipment	383.7	385.1	405.2	403.5	-	157.8	158.7	165.3	165.5	-
367	Electronic components and accessories	564.7	566.0	579.6	580.7	-	329.6	330.3	333.8	334.4	-
3671,3	Electronic tubes	43.4	43.5	43.0	43.2	-	26.9	26.9	26.0	26.1	-
3674	Semiconductors and related devices	234.5	234.1	236.6	236.4	-	97.6	97.6	95.1	95.5	-
3679	Electronic components, nec	216.4	217.3	228.3	229.2	-	150.7	151.1	158.0	157.9	-
369	Misc. electrical equipment and supplies	165.4	165.2	163.9	162.4	-	120.1	119.5	116.2	115.0	-
3691	Storage batteries	32.1	31.1	34.1	33.8	-	25.2	23.9	26.6	25.1	-
3694	Engine electrical equipment	78.7	79.3	73.3	72.1	-	60.0	60.6	54.9	54.0	-
37	**TRANSPORTATION EQUIPMENT**	1,824.8	1,860.4	1,719.4	1,713.8	1,734.5	1,173.2	1,202.7	1,062.2	1,064.1	1,086.7
371	Motor vehicles and equipment	701.4	734.4	636.5	636.4	-	515.7	548.7	459.6	466.9	-
3711	Motor vehicles and car bodies	298.6	322.4	262.2	262.9	-	204.9	228.9	175.3	181.2	-
3713	Truck and bus bodies	35.2	34.1	30.1	30.2	-	26.1	25.3	22.4	22.6	-
3714	Motor vehicle parts and accessories	335.2	345.3	309.7	309.8	-	280.5	289.9	236.2	237.9	-
3715	Truck trailers	26.8	26.8	28.9	29.8	-	20.2	20.4	21.5	21.9	-
372	Aircraft and parts	663.7	664.5	643.6	638.1	-	359.1	355.6	333.5	329.1	-
3721	Aircraft	361.4	363.6	354.5	351.4	-	179.6	177.2	165.7	162.7	-
3724	Aircraft engines and engine parts	163.2	162.5	153.0	150.7	-	93.4	93.0	88.5	87.3	-
3728	Aircraft equipment, nec	139.1	138.4	136.1	136.0	-	86.1	85.4	79.3	79.1	-
373	Ship and boat building and repairing	226.1	228.9	215.8	214.3	-	180.4	182.5	165.0	164.5	-
3731	Ship building and repairing	179.7	180.9	170.5	168.4	-	141.8	142.4	127.8	126.6	-
3732	Boat building and repairing	46.4	48.0	45.3	45.9	-	38.6	40.1	37.2	37.9	-
374	Railroad equipment	56.9	53.4	40.7	39.4	-	41.1	37.7	26.2	25.2	-
376	Guided missiles, space vehicles, parts	116.3	116.8	122.8	122.8	-	35.4	35.2	37.1	37.0	-
3761	Guided missiles and space vehicles	93.0	93.6	99.8	99.9	-	26.8	26.6	28.0	28.1	-

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry—Continued

(In thousands)

1972 SIC Code	Industry	All employees					Production workers[1]				
		Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P	Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P
	TRANSPORTATION EQUIPMENT—Continued										
379	Miscellaneous transportation equipment	39.4	40.6	40.7	41.1	-	26.3	27.0	27.1	27.4	-
3792	Travel trailers and campers	18.3	19.2	18.8	19.2	-	14.2	15.0	14.3	14.6	-
38	**INSTRUMENTS AND RELATED PRODUCTS**	710.1	712.1	710.8	708.1	708.5	420.1	421.0	413.8	412.1	409.6
381	Engineering and scientific instruments	78.1	78.2	78.1	77.3	-	37.9	38.0	37.1	35.6	-
382	Measuring and controlling devices	242.3	243.4	241.8	239.7	-	151.9	151.9	150.0	148.5	-
3822	Environmental controls	47.3	47.9	43.5	42.9	-	32.5	33.0	28.4	28.3	-
3823	Process control instruments	54.7	55.2	56.2	55.9	-	29.1	29.1	29.3	29.0	-
3825	Instruments to measure electricity	103.8	103.8	104.9	104.8	-	64.8	64.5	66.8	66.4	-
383	Optical instruments and lenses	33.5	33.5	32.7	32.6	-	18.0	17.9	17.9	18.8	-
384	Medical instruments and supplies	158.3	159.0	161.2	161.3	-	100.7	101.5	101.2	101.3	-
3841	Surgical and medical instruments	72.8	73.2	75.4	76.1	-	45.3	45.6	45.1	45.7	-
3842	Surgical appliances and supplies	68.0	68.3	69.2	68.7	-	44.4	44.9	46.0	45.6	-
385	Ophthalmic goods	42.5	42.5	38.2	37.8	-	29.8	29.9	26.9	26.7	-
386	Photographic equipment and supplies	135.7	136.1	141.7	142.4	-	67.4	67.6	68.6	68.5	-
387	Watches, clocks, and watchcases	19.7	19.4	17.1	17.0	-	14.4	14.2	12.1	12.1	-
39	**MISCELLANEOUS MANUFACTURING INDUSTRIES**	403.3	406.7	395.3	396.2	396.5	296.8	300.6	286.1	287.6	288.5
391	Jewelry, silverware, and plated ware	54.3	54.4	56.7	56.5	-	38.6	38.7	39.7	39.9	-
3911	Jewelry, precious metal	35.3	35.2	36.2	36.0	-	24.7	24.7	25.3	25.3	-
393	Musical instruments	22.0	22.2	21.6	21.4	-	17.8	18.0	17.1	16.9	-
394	Toys and sporting goods	107.3	110.3	102.2	104.1	-	78.2	81.5	74.5	76.5	-
3942, 4	Dolls, games, toys, and children's vehicles	53.4	55.1	48.1	50.1	-	37.2	39.2	32.4	34.7	-
3949	Sporting and athletic goods, nec	53.9	55.2	54.1	54.0	-	41.0	42.3	42.1	41.8	-
395	Pens, pencils, office and art supplies	37.9	38.0	38.9	38.8	-	26.8	26.8	27.2	27.1	-
396	Costume jewelry and notions	47.7	47.8	43.5	43.6	-	37.1	37.1	32.8	32.9	-
3961	Costume jewelry	23.7	23.2	21.7	22.0	-	18.3	17.7	16.6	16.8	-
399	Miscellaneous manufactures	134.1	134.0	132.4	131.8	-	98.3	98.5	98.8	94.3	-
3993	Signs and advertising displays	48.4	48.0	47.8	47.5	-	35.1	34.9	34.3	33.9	-
	NONDURABLE GOODS										
20	**FOOD AND KINDRED PRODUCTS**	1,639.2	1,632.5	1,613.3	1,614.5	1,610.1	1,109.9	1,104.3	1,089.1	1,092.6	1,090.1
201	Meat products	348.7	346.9	337.6	336.8	-	289.3	288.3	280.7	280.5	-
2011	Meat packing plants	158.3	157.3	153.7	152.5	-	129.4	129.0	126.7	125.9	-
2013	Sausages and other prepared meats	68.1	67.7	67.1	67.2	-	50.2	49.9	49.4	49.6	-
2016	Poultry dressing plants	106.3	108.3	104.0	104.5	-	97.6	97.8	93.7	94.2	-
202	Dairy products	170.0	171.6	168.8	168.0	-	92.4	94.2	92.5	92.4	-
2022	Cheese, natural and processed	34.9	35.5	34.3	33.8	-	26.7	27.3	25.9	25.5	-
2026	Fluid milk	99.3	99.5	97.2	96.7	-	43.8	44.4	43.4	43.2	-
203	Preserved fruits and vegetables	213.3	214.8	196.0	199.1	-	169.6	170.4	156.1	159.9	-
2032	Canned specialties	25.5	25.1	25.1	25.4	-	18.7	18.2	18.5	19.0	-
2033	Canned fruits and vegetables	73.3	73.7	62.5	63.3	-	57.1	57.3	47.8	49.8	-
2037	Frozen fruits and vegetables	40.7	42.4	38.3	39.5	-	34.9	36.2	32.7	34.2	-
204	Grain mill products	144.1	141.9	142.0	141.4	-	99.1	98.1	96.8	96.5	-
2041	Flour and other grain mill products	27.5	27.5	27.9	27.8	-	16.9	17.1	16.8	17.1	-
2048	Prepared feeds, nec	57.1	56.1	55.4	55.1	-	37.0	36.7	35.9	35.6	-
205	Bakery products	220.8	220.8	218.9	219.7	-	127.8	127.2	126.3	127.1	-
2051	Bread, cake, and related products	178.5	178.9	178.0	177.7	-	94.5	94.4	94.1	94.2	-
2052	Cookies and crackers	42.3	41.9	40.9	42.0	-	33.3	32.8	32.2	32.9	-
206	Sugar and confectionery products	109.7	102.9	114.1	112.7	-	93.0	76.4	88.4	87.0	-
2061,3	Cane and beet sugar	31.3	27.8	33.1	32.8	-	23.0	19.4	25.5	25.2	-
2065	Confectionery products	58.1	54.8	60.0	59.2	-	46.3	43.4	48.8	47.9	-
207	Fats and oils	44.2	43.9	45.5	45.2	-	32.9	32.6	34.1	34.0	-
208	Beverages	231.5	231.6	231.9	232.1	-	101.2	101.5	97.0	97.1	-
2082	Malt beverages	50.0	50.2	47.9	48.6	-	32.4	32.8	29.9	30.9	-
2086	Bottled and canned soft drinks	137.1	137.3	140.6	140.7	-	44.7	45.0	44.9	44.8	-
209	Misc. foods and kindred products	156.9	158.1	158.5	159.5	-	114.6	115.6	117.2	118.1	-
21	**TOBACCO MANUFACTURES**	70.6	68.3	72.2	68.7	64.6	54.4	52.4	56.8	53.5	49.8
211	Cigarettes	47.8	47.5	47.6	46.9	-	36.1	35.9	36.6	36.0	-
22	**TEXTILE MILL PRODUCTS**	841.1	840.9	795.5	794.7	782.1	729.4	729.5	683.8	683.5	673.0
221	Weaving mills, cotton	146.3	144.2	136.4	135.9	-	130.9	128.9	121.3	120.7	-
222	Weaving mills, synthetics	117.4	118.8	112.4	111.5	-	105.3	106.5	100.1	99.5	-
223	Weaving and finishing mills, wool	19.0	19.0	18.4	18.3	-	15.5	15.6	15.4	15.4	-
224	Narrow fabric mills	23.7	23.8	23.3	23.2	-	20.9	20.8	20.3	20.1	-
225	Knitting mills	217.3	217.3	201.3	202.6	-	187.7	188.1	172.5	173.8	-
2251	Women's hosiery, except socks	28.8	28.4	28.9	28.6	-	25.9	25.4	25.8	25.6	-
2252	Hosiery, nec	33.5	33.9	32.6	33.2	-	30.4	30.8	29.7	30.2	-
2253	Knit outerwear mills	68.4	68.7	64.0	64.4	-	57.9	58.4	53.4	53.8	-
2254	Knit underwear mills	31.5	31.4	28.1	28.5	-	27.3	27.3	24.0	24.3	-

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry — Continued

[In thousands]

1972 SIC Code	Industry	All employees					Production workers[1]				
		Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P	Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P
	TEXTILE MILL PRODUCTS—Continued										
2257	Circular knit fabric mills	31.7	32.0	26.3	26.4	-	26.8	27.2	21.7	22.1	-
226	Textile finishing, except wool	72.1	72.4	69.5	68.9	-	60.3	60.8	57.7	57.1	-
2261	Finishing plants, cotton	28.1	27.9	27.7	27.4	-	23.1	23.1	22.8	22.4	-
2262	Finishing plants, synthetics	28.9	29.2	28.0	27.7	-	24.4	24.7	23.3	23.1	-
227	Floor covering mills	52.4	52.5	48.8	49.1	-	42.3	42.3	38.6	39.0	-
228	Yarn and thread mills	125.6	125.8	121.0	121.1	-	113.2	113.4	107.7	108.1	-
2281	Yarn mills, except wool	84.6	84.6	81.2	81.5	-	77.6	77.7	73.4	73.8	-
2282	Throwing and winding mills	20.3	20.4	18.9	18.7	-	17.9	18.0	16.6	16.4	-
229	Miscellaneous textile goods	67.3	67.1	64.4	64.1	-	53.3	53.1	50.2	49.8	-
23	**APPAREL AND OTHER TEXTILE PRODUCTS**	1,238.7	1,250.2	1,189.8	1,207.3	1,199.3	1,058.1	1,066.9	1,006.4	1,022.8	1,016.5
231	Men's and boys' suits and coats	76.7	76.3	79.0	79.0	-	67.5	66.8	69.0	68.9	-
232	Men's and boys' furnishings	344.5	345.2	333.1	336.9	-	294.3	294.7	282.8	287.0	-
2321	Men's and boys' shirts and nightwear	94.1	95.0	92.6	93.3	-	80.8	81.5	79.5	80.5	-
2327	Men's and boys' separate trousers	73.9	73.1	71.1	72.7	-	64.7	63.9	62.1	63.7	-
2328	Men's and boys' work clothing	98.9	98.5	97.1	97.8	-	83.0	82.4	80.2	81.0	-
233	Women's and misses' outerwear	411.3	416.6	385.5	396.5	-	353.6	358.1	328.7	339.2	-
2331	Women's and misses' blouses and waists	61.3	62.2	58.5	59.2	-	53.5	54.4	50.5	51.1	-
2335	Women's and misses' dresses	140.6	143.9	130.0	135.4	-	124.5	127.4	113.0	117.8	-
2337	Women's and misses' suits and coats	60.0	60.2	55.0	56.3	-	51.4	51.4	46.3	47.6	-
2339	Women's and misses' outerwear, nec	149.4	150.3	142.0	145.6	-	124.2	124.9	118.9	122.7	-
234	Women's and children's undergarments	87.3	87.4	85.9	87.2	-	74.5	74.5	73.2	74.4	-
2341	Women's and children's underwear	69.8	69.7	68.8	69.8	-	60.8	60.6	60.0	61.1	-
2342	Brassieres and allied garments	17.5	17.7	17.1	17.4	-	13.7	13.9	13.2	13.3	-
236	Children's outerwear	64.9	65.4	63.7	63.9	-	55.5	55.7	54.1	54.3	-
2361	Children's dresses and blouses	28.4	28.3	28.2	28.2	-	25.6	25.4	25.4	25.3	-
238	Misc. apparel and accessories	54.3	55.0	51.4	51.5	-	46.3	46.9	43.0	42.9	-
239	Misc. fabricated textile products	178.0	183.0	171.1	172.4	-	147.5	151.6	138.4	139.3	-
2391	Curtains and draperies	26.7	27.0	27.8	27.1	-	22.2	22.4	22.8	22.3	-
2392	House furnishings, nec	47.9	49.1	47.8	48.0	-	39.9	40.3	39.3	39.8	-
2396	Automotive and apparel trimmings	33.7	36.2	27.9	28.4	-	28.9	31.3	21.8	21.7	-
26	**PAPER AND ALLIED PRODUCTS**	687.7	688.6	674.9	670.8	667.4	517.4	518.5	503.7	500.9	498.9
261, 2.6	Paper and pulp mills	201.5	202.4	198.5	196.7	-	151.3	152.0	148.6	147.1	-
262	Paper mills, except building paper	173.9	175.0	173.2	171.5	-	129.4	130.2	128.2	126.8	-
263	Paperboard mills	64.6	64.6	63.0	62.7	-	50.4	50.5	49.5	48.9	-
264	Misc. converted paper products	218.3	219.2	216.6	216.4	-	160.3	161.5	157.6	157.9	-
2641	Paper coating and glazing	56.3	56.1	55.8	55.8	-	35.7	35.8	35.0	35.0	-
2642	Envelopes	25.6	25.8	25.6	25.5	-	20.0	20.2	19.9	19.8	-
2643	Bags, except textile bags	50.5	50.2	50.7	50.7	-	39.7	39.3	39.4	39.5	-
265	Paperboard containers and boxes	203.3	202.4	196.8	195.0	-	155.4	154.5	148.0	147.0	-
2651	Folding paperboard boxes	41.9	41.2	42.1	42.0	-	32.9	32.1	32.4	32.5	-
2653	Corrugated and solid fiber boxes	105.7	105.3	101.8	100.2	-	77.6	77.4	74.1	73.1	-
2654	Sanitary food containers	26.0	26.2	25.0	24.9	-	21.3	21.4	19.8	19.7	-
27	**PRINTING AND PUBLISHING**	1,273.6	1,278.2	1,300.9	1,304.1	1,304.9	709.2	710.3	714.5	717.6	721.9
271	Newspapers	426.6	426.8	435.9	437.6	-	165.0	163.9	166.2	165.7	-
272	Periodicals	90.8	91.3	96.6	95.8	-	17.8	17.8	20.2	20.0	-
273	Books	102.5	102.7	101.3	102.1	-	54.0	54.2	51.5	52.3	-
2731	Book publishing	72.6	72.7	72.1	72.7	-	28.9	29.1	27.5	28.1	-
2732	Book printing	29.9	30.0	29.2	29.4	-	25.1	25.1	24.0	24.2	-
274	Miscellaneous publishing	51.2	50.7	50.8	51.1	-	27.6	27.4	27.2	23.1	-
275	Commercial printing	424.8	428.8	435.9	436.8	-	314.6	316.7	318.5	320.0	-
2751	Commercial printing, letterpress	167.5	169.1	170.3	169.4	-	124.2	125.2	124.9	125.2	-
2752	Commercial printing, lithographic	234.3	236.6	242.4	243.8	-	171.4	172.5	175.2	176.1	-
276	Manifold business forms	48.7	48.8	49.0	48.8	-	33.7	33.6	34.0	34.1	-
278	Blankbooks and bookbinding	60.4	60.9	60.4	60.9	-	49.1	49.6	48.8	49.5	-
279	Printing trade services	44.7	44.8	45.4	45.5	-	33.2	33.1	33.5	33.3	-
28	**CHEMICALS AND ALLIED PRODUCTS**	1,102.9	1,106.8	1,088.0	1,087.3	1,089.2	623.0	627.3	605.9	604.3	607.6
281	Industrial inorganic chemicals	162.5	163.0	161.4	161.0	-	88.6	89.3	87.4	86.6	-
2819	Industrial inorganic chemicals, nec	107.3	107.5	105.8	105.1	-	58.4	58.7	56.9	56.1	-
282	Plastics materials and synthetics	200.6	201.0	193.8	192.9	-	132.3	133.0	124.7	124.5	-
2821	Plastics materials and resins	79.2	79.4	77.9	77.5	-	46.1	46.3	45.0	44.8	-
2824	Organic fibers, noncellulosic	94.5	94.5	90.8	90.4	-	66.6	66.7	62.7	62.7	-
283	Drugs	199.2	199.3	200.6	200.9	-	98.7	98.6	98.9	98.6	-
2834	Pharmaceutical preparations	157.5	157.4	157.8	157.9	-	76.3	76.3	76.2	76.3	-
284	Soap, cleaners, and toilet goods	140.5	140.7	136.9	136.5	-	86.9	87.5	84.6	84.1	-
2841	Soap and other detergents	41.7	41.2	39.9	39.8	-	27.4	26.9	26.0	25.8	-
2844	Toilet preparations	56.5	57.4	55.6	55.0	-	36.8	38.0	36.4	36.1	-
2842, 3	Polishing, sanitation, and finishing preparations	42.3	42.1	41.4	41.7	-	22.7	22.6	22.2	22.2	-
285	Paints and allied products	64.0	64.3	61.2	61.2	-	31.6	31.7	29.3	29.4	-
286	Industrial organic chemicals	169.5	169.8	169.6	168.8	-	85.4	85.8	88.5	93.8	-

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry—Continued

[In thousands]

1972 SIC Code	Industry	All employees					Production workers[1]				
		Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P	Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P
	CHEMICALS AND ALLIED PRODUCTS—Cont'd										
2865	Cyclic crudes and intermediates	34.8	34.8	34.7	34.3	-	21.0	21.0	21.4	21.1	-
2861,9	Gum, wood, and industrial organic chemicals, nec	134.7	135.0	134.9	134.5	-	64.4	64.8	63.1	62.7	-
287	Agricultural chemicals	72.3	73.8	70.9	71.8	-	45.3	46.8	43.8	44.4	-
289	Miscellaneous chemical products	94.3	94.9	93.6	94.2	-	54.2	54.6	52.7	52.9	-
29	**PETROLEUM AND COAL PRODUCTS**	205.7	207.0	199.0	197.5	198.6	129.5	130.8	118.4	117.0	117.3
291	Petroleum refining	167.2	167.7	165.1	164.0	-	102.4	102.6	96.1	93.9	-
295	Paving and roofing materials	26.3	27.0	22.0	21.7	-	19.3	20.3	15.1	14.9	-
30	**RUBBER AND MISC. PLASTICS PRODUCTS**	734.2	737.2	720.4	715.5	715.6	557.0	569.4	550.5	546.9	548.3
301	Tires and inner tubes	121.9	121.9	122.6	121.6	-	86.7	86.4	86.7	86.6	-
302	Rubber and plastics footwear	20.2	20.1	19.2	17.9	-	18.0	17.8	16.8	15.4	-
303,4	Reclaimed rubber, and rubber and plastics hose and belting	22.8	23.1	21.5	21.0	-	15.8	16.1	15.0	14.6	-
306	Fabricated rubber products, nec	105.0	105.2	99.0	99.4	-	81.6	81.9	75.1	75.5	-
307	Miscellaneous plastics products	464.3	466.9	458.1	455.6	-	364.9	367.2	356.9	354.8	-
31	**LEATHER AND LEATHER PRODUCTS**	229.5	230.4	218.5	210.7	209.6	193.6	194.1	183.4	176.8	176.7
311	Leather tanning and finishing	19.4	19.7	18.5	17.7	-	16.2	16.5	15.3	14.5	-
314	Footwear, except rubber	142.4	142.2	135.7	129.3	-	122.0	121.4	116.0	110.5	-
3143	Men's footwear, except athletic	56.5	56.7	56.9	52.0	-	48.4	48.3	47.9	43.5	-
3144	Women's footwear, except athletic	52.7	52.1	47.4	46.1	-	45.1	44.4	40.6	39.9	-
316	Luggage	15.1	15.6	13.4	13.9	-	11.2	11.9	10.3	10.7	-
317	Handbags and personal leather goods	28.4	28.8	26.9	26.5	-	23.8	24.1	21.7	21.4	-
-	**TRANSPORTATION AND PUBLIC UTILITIES**	5,076	5,095	5,063	5,045	5,047	4,213	4,227	4,189	4,152	4,158
40	**RAILROAD TRANSPORTATION**	510.1	510.6	463.9	452.8	-	-	-	-	-	-
4011	Class I railroads[2]	459.1	459.5	417.8	407.0	-	-	-	-	-	-
41	**LOCAL AND INTERURBAN PASSENGER TRANSIT**	275.7	276.7	290.1	288.5	-	255.8	256.7	269.5	268.3	-
411	Local and suburban transportation	81.9	83.0	84.8	84.5	-	75.1	76.1	77.1	77.0	-
412	Taxicabs	52.7	52.4	50.7	51.0	-	-	-	-	-	-
413	Intercity highway transportation	37.5	37.7	37.8	35.7	-	34.3	34.5	34.7	32.7	-
415	School buses	89.2	89.4	103.1	103.1	-	-	-	-	-	-
42	**TRUCKING AND WAREHOUSING**	1,213.9	1,219.6	1,177.7	1,177.8	-	1,056.2	1,061.5	1,019.4	1,019.7	-
421,3	Trucking and trucking terminals	1,131.2	1,138.3	1,095.3	1,097.6	-	986.7	993.3	949.9	952.3	-
422	Public warehousing	82.7	81.3	82.4	80.2	-	69.5	68.2	69.5	67.4	-
44	**WATER TRANSPORTATION**	198.7	201.4	193.7	186.7	-	-	-	-	-	-
45	**TRANSPORTATION BY AIR**	454.7	456.5	448.5	446.7	-	-	-	-	-	-
451,2	Air transportation	405.6	406.9	397.2	395.6	-	-	-	-	-	-
46	**PIPE LINES, EXCEPT NATURAL GAS**	21.6	21.5	22.3	22.5	-	15.1	15.1	15.4	15.3	-
47	**TRANSPORTATION SERVICES**	196.1	200.1	211.5	211.4	-	-	-	-	-	-
48	**COMMUNICATION**	1,350.9	1,355.0	1,380.8	1,382.4	-	1,012.8	1,012.9	1,028.3	1,029.0	-
481	Telephone communication	1,066.3	1,065.2	1,075.8	1,076.0	-	777.6	776.4	777.6	775.8	-
483	Radio and television broadcasting	199.2	199.2	206.9	207.0	-	159.8	160.0	168.3	168.5	-
49	**ELECTRIC, GAS, AND SANITARY SERVICES**	850.5	853.4	874.5	875.9	-	692.4	695.7	713.8	713.5	-
491	Electric services	404.4	406.2	416.0	417.3	-	327.9	329.3	335.7	335.8	-
492	Gas production and distribution	170.0	170.8	176.3	176.7	-	138.5	139.1	141.9	142.2	-
493	Combination utility services	205.2	205.1	208.4	208.4	-	165.3	166.0	172.5	172.2	-
495	Sanitary services	47.9	48.1	50.9	50.7	-	41.9	42.2	44.9	44.8	-
-	**WHOLESALE AND RETAIL TRADE**	20,196	20,290	20,682	20,529	20,602	17,638	17,710	18,068	17,917	17,972
50,51	**WHOLESALE TRADE**	5,273	5,293	5,294	5,283	5,288	4,292	4,310	4,285	4,274	4,282
50	**WHOLESALE TRADE - DURABLE GOODS**	3,129	3,144	3,164	3,154	-	2,543	2,556	2,552	2,540	-
501	Motor vehicles and automotive equipment	412.8	413.2	415.8	416.1	-	331.4	332.2	334.9	334.2	-
502	Furniture and home furnishing	117.1	118.1	123.1	123.1	-	95.4	96.4	101.0	101.2	-
503	Lumber and construction materials	189.3	190.5	181.9	178.7	-	155.4	156.6	148.6	145.4	-
504	Sporting goods, toys, and hobby goods	73.3	73.5	75.1	74.6	-	58.5	58.8	59.7	59.0	-
505	Metals and minerals, except petroleum	153.2	154.1	150.7	150.3	-	122.5	123.7	120.2	119.5	-
506	Electrical goods	419.4	418.9	425.8	425.7	-	339.4	338.0	342.7	342.3	-
507	Hardware, plumbing, and heating equipment	242.4	242.5	242.3	239.9	-	198.3	198.3	196.0	194.1	-

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry — Continued

[In thousands]

1972 SIC Code	Industry	All employees					Production workers[1]				
		Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P	Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P
	WHOLESALE TRADE-DURABLE GOODS—Continued										
508	Machinery, equipment, and supplies	1,318.1	1,327.5	1,357.9	1,357.0	-	1,069.5	1,078.0	1,088.5	1,086.0	-
509	Miscellaneous durable goods	203.7	205.3	191.6	188.7	-	172.4	173.8	160.4	158.1	-
51	**WHOLESALE TRADE-NONDURABLE GOODS**	2,144	2,149	2,130	2,129	-	1,749	1,754	1,733	1,734	-
511	Paper and paper products	153.2	153.4	157.2	156.4	-	124.4	124.3	126.4	125.8	-
512	Drugs, proprietaries, and sundries	149.8	149.1	150.9	151.2	-	127.0	126.3	128.1	127.9	-
513	Apparel, piece goods, and notions	166.9	167.7	165.8	167.4	-	131.3	132.1	129.7	131.2	-
514	Groceries and related products	667.3	669.9	658.9	658.2	-	570.2	572.6	564.1	563.0	-
516	Chemicals and allied products	128.8	128.5	129.8	130.5	-	92.9	92.6	93.2	93.3	-
517	Petroleum and petroleum products	224.6	224.2	222.8	222.2	-	168.1	168.1	167.1	167.1	-
518	Beer, wine, and distilled beverages	138.8	139.2	142.3	142.0	-	115.7	116.2	118.0	118.0	-
519	Miscellaneous nondurable goods	376.7	380.1	373.6	374.2	-	306.0	309.7	301.0	303.5	-
52-59	**RETAIL TRADE**	13,923	14,997	15,388	15,286	15,314	13,346	13,400	13,783	13,643	13,690
52	**BUILDING MATERIALS AND GARDEN SUPPLIES**	595.5	606.7	580.7	575.8	-	499.1	511.0	486.5	481.1	-
521	Lumber and other building materials	315.1	316.4	304.8	300.2	-	264.5	265.8	255.5	251.9	-
525	Hardware stores	145.6	147.1	146.1	144.8	-	123.5	125.1	124.3	122.9	-
53	**GENERAL MERCHANDISE STORES**	2,189.8	2,171.7	2,339.8	2,231.0	-	2,008.9	1,970.2	2,153.6	2,052.1	-
531	Department stores	1,934.2	1,813.0	1,963.2	1,864.0	-	1,688.5	1,647.9	1,812.6	1,720.7	-
533	Variety stores	241.1	243.2	248.2	240.8	-	223.3	224.3	230.8	223.4	-
539	Misc. general merchandise stores	114.5	115.5	128.4	126.2	-	97.1	98.0	110.2	108.0	-
54	**FOOD STORES**	2,424.1	2,423.3	2,473.7	2,464.7	-	2,245.4	2,244.5	2,291.4	2,278.7	-
541	Grocery stores	2,128.6	2,125.0	2,179.5	2,168.0	-	1,976.6	1,973.0	2,025.3	2,013.3	-
542	Meat markets and freezer provisioners	55.3	56.0	54.8	54.7	-	-	-	-	-	-
546	Retail bakeries	125.0	125.4	124.5	125.7	-	114.9	115.3	114.7	115.4	-
55	**AUTOMOTIVE DEALERS AND SERVICE STATIONS**	1,658.0	1,660.2	1,648.9	1,641.4	-	1,401.7	1,404.5	1,393.4	1,385.5	-
551,2	New and used car dealers	764.3	765.2	745.6	744.3	-	624.9	626.1	609.8	608.6	-
553	Auto and home supply stores	260.5	258.8	275.3	269.1	-	224.2	222.8	237.1	230.5	-
554	Gasoline service stations	558.7	558.7	555.8	554.6	-	488.4	488.9	486.3	484.7	-
56	**APPAREL AND ACCESSORY STORES**	951.7	951.8	1,000.6	965.4	-	811.1	812.1	855.2	821.0	-
561	Men's and boys' clothing and furnishings	133.0	130.0	140.1	133.9	-	112.3	109.6	119.4	113.5	-
562	Women's ready-to-wear stores	344.8	347.6	354.0	341.0	-	297.4	301.0	307.2	294.1	-
565	Family clothing stores	180.3	179.6	194.3	186.3	-	157.0	156.6	169.8	161.6	-
566	Shoe stores	193.1	194.0	208.1	203.0	-	158.8	159.1	169.5	164.8	-
57	**FURNITURE AND HOME FURNISHINGS STORES**	602.1	600.6	610.4	606.0	-	498.2	496.3	505.3	501.2	-
571	Furniture and home furnishings stores	372.4	373.8	375.1	373.2	-	308.8	309.9	309.6	307.5	-
572	Household appliance stores	82.2	81.0	85.8	85.3	-	70.4	69.1	73.0	72.3	-
573	Radio, television, and music stores	147.5	145.8	149.5	147.5	-	119.0	117.3	122.7	121.4	-
58	**EATING AND DRINKING PLACES**	4,585.3	4,687.8	4,739.8	4,785.8	-	4,211.2	4,312.8	4,352.7	4,396.1	-
59	**MISCELLANEOUS RETAIL**	1,916.9	1,894.8	1,994.3	1,976.1	-	1,670.5	1,648.8	1,744.6	1,727.6	-
591	Drug stores and proprietary stores	481.8	476.7	495.8	487.6	-	435.5	430.2	446.9	438.6	-
592	Liquor stores	124.9	123.4	131.4	130.2	-	-	-	-	-	-
594	Miscellaneous shopping goods stores	606.3	606.4	657.0	647.9	-	515.5	514.2	565.6	557.6	-
596	Nonstore retailers	269.1	267.9	283.7	274.4	-	248.9	247.3	262.1	252.4	-
598	Fuel and ice dealers	110.3	107.0	110.2	109.2	-	93.0	89.9	92.3	91.6	-
599	Retail stores, nec	268.4	257.7	258.9	270.5	-	224.4	215.7	216.5	228.8	-
	FINANCE, INSURANCE, AND REAL ESTATE [2]	5,245	5,263	5,329	5,326	5,341	3,955	3,969	3,999	3,992	4,009
60	**BANKING**	1,602.9	1,607.8	1,641.5	1,640.2	-	1,226.4	1,229.6	1,239.1	1,236.4	-
602	Commercial and stock savings banks	1,461.7	1,466.1	1,497.2	1,496.1	-	1,111.9	1,114.9	1,123.5	1,121.1	-
61	**CREDIT AGENCIES OTHER THAN BANKS**	579.4	579.6	577.3	577.6	-	441.4	440.9	437.0	436.7	-
612	Savings and loan associations	266.0	266.3	273.1	273.6	-	202.3	202.3	208.0	208.3	-
614	Personal credit institutions	200.3	200.1	190.4	189.9	-	154.7	154.4	146.7	145.9	-
62	**SECURITY, COMMODITY BROKERS, AND SERVICES**	236.6	238.1	255.4	256.3	-	-	-	-	-	-
621	Security brokers and dealers	192.6	194.0	211.6	212.7	-	-	-	-	-	-
63	**INSURANCE CARRIERS**	1,233.9	1,235.0	1,233.8	1,234.4	-	859.0	858.8	849.5	848.4	-
631	Life insurance	533.6	533.6	533.9	534.7	-	330.3	331.0	330.8	330.7	-

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry — Continued

[In thousands]

1972 SIC Code	Industry	All employees					Production workers[1]				
		Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P	Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P
	INSURANCE CARRIERS—Continued										
632	Medical service and health insurance	144.6	144.6	143.0	142.8	-	115.7	115.7	114.0	113.6	-
633	Fire, marine, and casualty insurance	482.4	483.5	486.0	486.4	-	355.7	354.7	349.9	349.8	-
64	**INSURANCE AGENTS, BROKERS, AND SERVICE**	461.2	463.0	471.2	472.3	-	-	-	-	-	-
65	**REAL ESTATE**	987.0	995.4	997.4	993.1	-	-	-	-	-	-
651	Real estate operators and lessors	461.1	465.3	471.2	471.4	-	-	-	-	-	-
653	Real estate agents and managers	378.3	379.0	381.6	377.2	-	-	-	-	-	-
655	Subdividers and developers	126.1	129.5	124.9	125.0	-	-	-	-	-	-
66	**COMBINED REAL ESTATE, INSURANCE, ETC**	21.3	21.2	21.2	20.9	-	-	-	-	-	-
67	**HOLDING AND OTHER INVESTMENT OFFICES**	122.6	122.7	131.1	131.4	-	-	-	-	-	-
	SERVICES	18,126	18,287	18,506	18,691	18,804	16,102	16,253	16,409	16,587	16,679
70	**HOTELS AND OTHER LODGING PLACES**	999.6	1,023.6	1,009.4	1,014.7	-	-	-	-	-	-
701	Hotels, motels, and tourist courts	970.1	993.5	980.0	985.4	-	888.7	910.5	894.1	899.4	-
72	**PERSONAL SERVICES**	902.8	902.3	906.0	920.0	-	-	-	-	-	-
721	Laundry, cleaning, and garment services	352.6	352.3	353.0	350.8	-	315.1	314.3	314.3	312.0	-
723	Beauty shops	282.8	283.3	290.2	289.7	-	252.6	262.6	269.3	268.7	-
726	Funeral service and crematories	71.2	71.1	73.5	74.0	-	-	-	-	-	-
73	**BUSINESS SERVICES**	3,200.4	3,218.3	3,315.0	3,300.4	-	2,792.3	2,809.9	2,886.6	2,869.2	-
731	Advertising	155.4	155.5	157.4	158.5	-	118.3	118.7	120.9	122.4	-
732	Credit reporting and collection	71.4	71.2	70.2	69.5	-	-	-	-	-	-
733	Mailing, reproduction, stenographic	124.5	127.2	134.4	132.5	-	-	-	-	-	-
734	Services to buildings	500.1	503.6	523.3	526.8	-	451.6	455.8	476.6	479.7	-
736	Personnel supply services	567.6	582.6	566.2	558.7	-	-	-	-	-	-
737	Computer and data processing services	331.8	333.7	363.8	362.6	-	278.9	280.5	295.5	295.0	-
75	**AUTO REPAIR, SERVICES, AND GARAGES**	571.0	574.9	575.3	583.6	-	486.4	489.3	486.9	493.7	-
753	Automotive repair shops	346.8	349.8	354.6	356.6	-	294.2	296.2	296.9	298.1	-
76	**MISCELLANEOUS REPAIR SERVICES**	291.6	292.1	297.1	296.9	-	242.8	243.9	251.1	250.7	-
78	**MOTION PICTURES**	205.0	207.3	198.3	194.9	-	173.3	177.5	167.7	164.9	-
781	Motion picture production and services	80.5	80.7	72.9	72.0	-	65.3	67.7	59.8	59.2	-
783	Motion picture theaters	113.6	115.9	114.9	112.4	-	-	-	-	-	-
79	**AMUSEMENT AND RECREATION SERVICES**	683.2	725.3	719.9	738.1	-	611.7	650.1	643.5	662.2	-
80	**HEALTH SERVICES**	5,423.5	5,448.7	5,653.2	5,663.5	-	4,831.2	4,865.0	5,059.7	5,072.4	-
801	Offices of physicians	765.8	768.2	798.2	797.8	-	626.1	629.3	654.8	653.7	-
802	Offices of dentists	346.2	350.9	369.2	371.5	-	302.9	307.1	326.7	329.9	-
805	Nursing and personal care facilities	1,029.1	1,033.6	1,068.9	1,066.5	-	928.7	933.8	967.4	964.7	-
806	Hospitals	2,829.4	2,840.7	2,945.0	2,956.4	-	2,590.5	2,600.1	2,701.0	2,713.0	-
81	**LEGAL SERVICES**	520.2	522.5	549.1	550.5	-	464.3	466.6	464.5	465.3	-
82	**EDUCATIONAL SERVICES**	1,208.1	1,217.9	1,135.0	1,244.9	-	-	-	-	-	-
821	Elementary and secondary schools	304.8	306.5	298.0	303.4	-	-	-	-	-	-
822	Colleges and universities	780.5	787.9	713.8	815.0	-	-	-	-	-	-
83	**SOCIAL SERVICES**	1,179.8	1,189.6	1,180.7	1,188.8	-	-	-	-	-	-
86	**MEMBERSHIP ORGANIZATIONS**	1,577.6	1,581.3	1,571.8	1,593.9	-	-	-	-	-	-
89	**MISCELLANEOUS SERVICES**	1,028.8	1,035.3	1,056.6	1,062.7	-	859.2	866.8	872.8	879.1	-
891	Engineering and architectural services	553.0	557.4	566.5	564.2	-	458.3	462.6	472.9	470.2	-
893	Accounting, auditing, and bookkeeping	343.0	344.5	355.3	362.6	-	280.0	282.2	287.1	295.3	-
	GOVERNMENT	16,458	16,493	15,887	16,112	16,181	-	-	-	-	-
-	**FEDERAL GOVERNMENT**	2,774	2,769	2,717	2,721	2,724	-	-	-	-	-
-	Executive, by agency[4]	2,720.1	2,715.3	2,662.5	2,666.7	-	-	-	-	-	-
-	Department of Defense	891.6	894.2	924.1	928.0	-	-	-	-	-	-
-	Postal Service	654.9	657.0	660.5	661.2	-	-	-	-	-	-
-	Other executive agencies	1,173.6	1,164.1	1,077.9	1,077.5	-	-	-	-	-	-
-	Legislative	38.6	39.1	39.0	38.7	-	-	-	-	-	-
-	Judicial	15.0	15.0	15.3	15.4	-	-	-	-	-	-

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry—Continued

[In thousands]

1972 SIC Code	Industry	All employees					Production workers[1]				
		Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982p	Mar. 1982p	Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982p	Mar. 1982p
	FEDERAL GOVERNMENT—Continued										
	Federal Government, by industry										
--	Manufacturing activities	107.2	107.2	112.7	113.3	-	-	-	-	-	-
3731	Shipbuilding and repairing	57.1	57.1	60.1	60.3	-	-	-	-	-	-
--	Transportation and public utilities, except Postal Service	40.4	40.6	41.8	41.9	-	-	-	-	-	-
--	Services	405.9	403.9	399.3	399.7	-	-	-	-	-	-
806	Federal government hospitals	233.8	233.3	231.2	231.7	-	-	-	-	-	-
--	**STATE AND LOCAL GOVERNMENT**	13,684	13,724	13,170	13,391	13,457	-	-	-	-	-
--	State government	3,660.8	3,666.9	3,513.0	3,614.5	-	-	-	-	-	-
806	State government hospitals	534.4	534.6	532.3	533.3	-	-	-	-	-	-
82	State education	1,465.8	1,471.0	1,341.3	1,441.6	-	-	-	-	-	-
--	General administration including executive, legislative, and judicial functions	1,032.4	1,033.0	1,030.7	1,030.9	-	-	-	-	-	-
--	Local government	10022.8	10056.6	9,657.2	9,776.8	-	-	-	-	-	-
--	Transportation and public utilities	629.0	631.7	639.9	639.2	-	-	-	-	-	-
806	Local government hospitals	620.4	622.5	639.4	640.5	-	-	-	-	-	-
82	Local education	5,460.5	5,481.4	5,263.3	5,368.5	-	-	-	-	-	-
--	General administration including executive, legislative, and judicial functions	2,941.3	2,945.9	2,806.4	2,819.1	-	-	-	-	-	-

[1] Data relate to production and related workers in mining and manufacturing, to construction workers in construction, and to nonsupervisory workers in transportation and public utilities, wholesale and retail trade, finance, insurance, and real estate, and services.

[2] Beginning January 1978, data relate to line haul railroads with operating revenues of $50,000,000 or more.

[3] Data for nonoffice sales agents excluded from nonsupervisory count for all series in this division.

[4] Prepared by the Office of Personnel Management. Data relate to civilian employment only and exclude Central Intelligence and National Security Agencies.

- Data not available.
p = preliminary.

NOTE: Data from April 1980 forward are subject to revision when more recent benchmark data are introduced. See "Benchmark adjustment" in the Explanatory notes of this publication.

B-3. Women employees on nonagricultural payrolls by industry

(In thousands)

1972 SIC Code	Industry	Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981	Jan. 1982
—	TOTAL	39,349	38,604	39,873	39,939	39,391
—	PRIVATE SECTOR	31,368	30,728	32,058	32,135	31,599
—	MINING	112	113	134	135	134
10	METAL MINING	9.5	9.5	8.5	8.7	7.8
11, 12	COAL MINING	11.1	11.3	11.9	11.9	12.3
13	OIL AND GAS EXTRACTION	81.4	82.7	103.5	105.0	104.7
131, 2	Crude petroleum, natural gas, and natural gas liquids	53.1	53.9	65.1	66.1	66.2
138	Oil and gas field services	28.3	28.8	38.4	38.9	38.5
14	NONMETALLIC MINERALS, EXCEPT FUELS	9.5	9.6	10.0	9.7	9.1
142	Crushed and broken stone	2.4	2.5	2.7	2.6	2.5
144	Sand and gravel	3.2	3.1	3.2	3.3	2.8
—	CONSTRUCTION	388	384	401	398	393
15	GENERAL BUILDING CONTRACTORS	138.9	137.6	137.9	137.8	135.6
152	Residential building construction	82.4	81.4	82.9	83.1	80.8
153	Operative builders	14.3	14.4	14.0	13.8	14.1
154	Nonresidential building construction	42.2	41.8	41.0	40.9	40.7
16	HEAVY CONSTRUCTION CONTRACTORS	61.0	56.8	63.0	61.3	58.7
161	Highway and street construction	15.9	14.3	15.9	14.5	12.9
162	Heavy construction, except highway	45.1	42.5	47.1	46.8	45.8
17	SPECIAL TRADE CONTRACTORS	188.1	189.6	199.9	198.4	199.1
171	Plumbing, heating, air conditioning	52.4	52.5	54.9	54.8	55.3
172	Painting, paper hanging, decorating	12.0	12.0	12.9	11.9	12.5
173	Electrical work	35.4	35.8	37.5	37.6	37.5
174	Masonry, stonework, and plastering	21.7	22.4	24.1	24.1	23.9
175	Carpentering and flooring	14.8	15.3	15.1	15.0	15.1
176	Roofing and sheet metal work	13.3	13.2	14.0	13.9	13.5
—	MANUFACTURING	6,382	6,238	6,396	6,281	6,147
24, 25, 32-39	DURABLE GOODS	3,017	3,000	3,059	3,008	2,958
20-23, 26-31	NONDURABLE GOODS	3,285	3,238	3,342	3,273	3,189
	DURABLE GOODS					
24	LUMBER AND WOOD PRODUCTS	103.0	102.5	98.1	95.9	98.0
241	Logging camps and logging contractors	4.9	5.1	5.5	5.9	5.3
242	Sawmills and planing mills	20.2	19.9	18.5	17.9	17.7
2421	Sawmills and planing mills, general	14.5	14.2	13.2	12.7	12.4
243	Millwork, plywood, and structural members	41.6	42.3	39.2	37.7	37.5
244	Wood containers	7.2	7.0	6.8	7.0	6.7
245	Wood buildings and mobile homes	8.0	7.7	7.9	7.5	7.3
249	Miscellaneous wood products	21.1	20.5	20.5	19.9	19.9
25	FURNITURE AND FIXTURES	141.9	141.0	144.7	143.2	139.6
251	Household furniture	103.1	101.9	102.3	101.9	98.8
2511	Wood household furniture	44.7	44.1	43.7	43.7	42.2
2512	Upholstered household furniture	34.1	33.8	34.0	33.7	32.3
2515	Mattresses and bedsprings	7.9	8.0	7.9	7.7	7.6
252	Office furniture	12.6	13.0	13.6	13.5	13.3
253	Public building and related furniture	5.0	5.1	5.0	5.7	5.7
254	Partitions and fixtures	10.4	10.5	10.9	10.5	10.4
259	Miscellaneous furniture and fixtures	10.8	10.5	12.1	11.6	11.4
32	STONE, CLAY, AND GLASS PRODUCTS	125.6	125.0	127.4	124.4	123.8
322	Glass and glassware, pressed or blown	40.3	40.0	40.4	39.6	39.9
3221	Glass containers	22.2	22.2	22.1	21.9	21.5
3229	Pressed and blown glass, nec	18.1	17.8	18.3	17.7	17.4
323	Products of purchased glass	13.3	13.4	13.4	12.9	12.8
324	Cement, hydraulic	1.7	1.7	1.7	1.7	1.7
325	Structural clay products	6.5	6.4	6.6	6.5	6.3
326	Pottery and related products	14.9	14.8	14.5	14.1	12.6
327	Concrete, gypsum, and plaster products	15.2	15.0	14.7	14.5	14.5
329	Misc. nonmetallic mineral products	31.0	31.1	32.7	32.1	31.2
33	PRIMARY METAL INDUSTRIES	124.8	124.7	118.9	115.7	112.6
331	Blast furnace and basic steel products	39.3	39.6	38.1	37.3	36.1
3312	Blast furnaces and steel mills	29.3	29.7	28.1	27.5	26.7
332	Iron and steel foundries	18.6	18.4	17.2	16.4	16.0

B-3. Women employees on nonagricultural payrolls by industry – Continued

[In thousands]

1972 SIC Code	Industry	Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981	Jan. 1982
	PRIMARY METAL INDUSTRIES — Continued					
3321	Gray iron foundries	9.0	8.9	8.3	7.6	7.9
3322	Malleable iron foundries	1.0	1.0	1.0	.9	1.0
3325	Steel foundries, nec	4.9	4.8	4.5	4.5	4.5
333	Primary nonferrous metals	5.0	5.1	4.9	4.8	4.7
3334	Primary aluminum	2.2	2.2	2.1	2.0	1.9
335	Nonferrous rolling and drawing	41.6	40.7	37.5	36.8	34.3
3351	Copper rolling and drawing	3.2	3.3	3.4	3.3	3.2
3353	Aluminum sheet, plate, and foil	3.9	4.0	3.8	3.2	3.0
3357	Nonferrous wire drawing and insulating	26.2	25.2	23.2	23.1	21.4
336	Nonferrous foundries	16.6	15.3	15.3	14.3	14.4
3361	Aluminum foundries	7.2	7.9	7.9	7.8	7.4
34	FABRICATED METAL PRODUCTS	334.7	331.2	329.7	321.9	316.4
341	Metal cans and shipping containers	12.3	12.5	11.3	11.2	11.5
3411	Metal cans	10.6	10.8	9.6	9.5	9.9
342	Cutlery, hand tools, and hardware	57.3	56.4	55.9	54.6	53.9
3423, 5	Hand and edge tools, and hand saws and blades	16.2	16.2	16.2	16.4	16.1
3429	Hardware, nec	38.1	33.2	33.3	31.9	33.7
343	Plumbing and heating, except electric	16.2	15.9	15.7	16.9	16.4
344	Fabricated structural metal products	71.5	70.7	70.2	69.4	67.9
3441	Fabricated structural metal	7.3	7.4	7.3	7.4	7.3
3442	Metal doors, sash, and trim	21.0	20.0	19.4	18.7	18.2
3443	Fabricated plate work (boiler shops)	18.5	18.5	18.6	18.4	18.4
3444	Sheet metal work	15.4	15.5	15.4	15.4	15.0
345	Screw machine products, bolts, etc	23.5	23.3	22.9	22.3	21.7
3451	Screw machine products	12.1	12.0	11.7	11.4	11.2
3452	Bolts, nuts, rivets, and washers	11.4	11.3	11.2	10.9	10.5
346	Metal forgings and stampings	53.2	52.0	49.3	47.2	46.3
3462	Iron and steel forgings	4.3	4.3	4.0	3.9	3.9
3465	Automotive stampings	13.8	12.6	11.7	10.7	10.1
3469	Metal stampings, nec	32.6	32.5	31.0	30.1	29.8
347	Metal services, nec	24.1	23.9	24.6	23.2	23.1
3471	Plating and polishing	17.1	16.9	18.0	16.7	16.6
3479	Metal coating and allied services	7.0	7.0	6.8	6.5	6.5
348	Ordnance and accessories, nec	17.3	17.3	17.2	17.1	17.3
349	Misc. fabricated metal products	59.3	59.2	61.4	60.3	59.1
3494	Valves and pipe fittings	22.2	22.4	23.2	22.9	23.1
3496	Misc. fabricated wire products	14.5	14.2	15.0	14.5	14.1
35	MACHINERY, EXCEPT ELECTRICAL	500.9	500.5	515.6	512.6	507.8
351	Engines and turbines	26.7	26.6	25.6	25.2	24.8
3511	Turbines and turbine generator sets	6.1	5.9	5.9	5.9	5.8
3519	Internal combustion engines, nec	18.6	18.7	19.7	19.3	19.0
352	Farm and garden machinery	28.3	28.6	26.7	26.8	26.8
3523	Farm machinery and equipment	21.4	21.4	19.3	18.7	18.4
353	Construction and related machinery	50.0	50.3	53.6	53.8	53.7
3531	Construction machinery	14.4	14.6	15.9	15.8	15.5
3533	Oil field machinery	18.4	18.7	17.2	17.5	17.8
354	Metalworking machinery	57.1	56.9	57.2	56.2	54.5
3541	Machine tools, metal cutting types	10.5	10.7	10.0	9.8	9.7
3544	Special dies, tools, jigs, and fixtures	15.6	15.1	15.9	15.5	14.9
3545	Machine tool accessories	13.4	13.3	13.4	13.4	13.3
355	Special industry machinery	31.1	30.8	29.9	29.4	29.3
3551	Food products machinery	6.2	6.0	5.5	5.5	5.5
3552	Textile machinery	5.0	5.1	4.8	4.7	4.9
3555	Printing trades machinery	7.4	7.3	7.3	7.4	7.5
356	General industrial machinery	62.1	62.1	61.0	60.8	59.9
3561	Pumps and pumping equipment	11.3	11.5	11.5	11.6	11.4
3562	Ball and roller bearings	14.0	14.1	13.3	13.1	12.9
357	Office and computing machines	159.4	158.9	171.4	171.8	171.8
3573	Electronic computing equipment	131.1	130.7	143.1	143.9	144.1
358	Refrigeration and service machinery	38.6	39.2	38.3	37.9	37.2
3585	Refrigeration and heating equipment	26.5	27.0	25.2	24.9	24.5
359	Misc. machinery, except electrical	48.7	49.1	51.9	50.7	49.8
3599	Machinery, except electrical, nec	38.8	38.9	41.5	41.1	40.4
36	ELECTRIC AND ELECTRONIC EQUIPMENT	901.1	897.4	909.4	898.6	894.6
361	Electric distributing equipment	45.2	44.8	46.1	45.8	44.3
3612	Transformers	17.8	17.8	19.2	18.8	19.0
3613	Switchgear and switchboard apparatus	27.4	27.0	26.9	27.0	26.4
362	Electrical industrial apparatus	88.0	89.5	86.7	87.1	85.1
3621	Motors and generators	47.7	49.1	47.0	47.6	47.1
3622	Industrial controls	28.5	28.5	27.2	27.1	27.1
363	Household appliances	60.9	59.7	57.9	53.1	55.7
3632	Household refrigerators and freezers	9.2	9.7	7.6	6.5	9.5
3633	Household laundry equipment	4.3	4.4	3.3	2.7	3.5
3634	Electric housewares and fans	28.9	27.9	29.7	28.0	26.1
364	Electric lighting and wiring equipment	94.9	94.3	94.9	92.5	91.8
3641	Electric lamps	22.2	21.9	21.2	20.3	21.7

B-3. Women employees on nonagricultural payrolls by industry – Continued

[In thousands]

1972 SIC Code	Industry	Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981	Jan. 1982
	ELECTRIC AND ELECTRONIC EQUIPMENT — Continued					
3643	Current carrying wiring devices	41.8	41.5	43.4	43.1	41.4
365	Radio and TV receiving equipment	60.1	58.8	57.2	55.0	54.4
3651	Radio and TV receiving sets	45.3	45.2	44.9	42.9	43.2
366	Communication equipment	206.3	206.6	210.1	212.2	211.8
3661	Telephone and telegraph apparatus	75.6	76.2	71.3	72.8	71.5
3662	Radio and TV communication equipment	130.7	130.4	138.8	139.4	140.2
367	Electronic components and accessories	287.9	286.6	294.4	293.9	292.1
3671,3	Electronic tubes	16.1	16.2	15.9	15.7	15.7
3674	Semiconductors and related devices	109.9	108.6	108.0	108.2	108.7
3679	Electronic components, nec	115.1	114.9	121.9	121.6	120.3
369	Misc. electrical equipment and supplies	57.8	57.1	62.1	59.0	58.3
3694	Engine electrical equipment	28.7	28.1	31.1	28.4	27.5
37	**TRANSPORTATION EQUIPMENT**	294.3	292.6	303.6	295.0	289.9
371	Motor vehicles and equipment	105.9	102.4	108.5	99.6	93.3
3711	Motor vehicles and car bodies	38.7	36.8	37.4	35.3	33.4
3713	Truck and bus bodies	4.2	4.0	3.7	3.4	3.1
3714	Motor vehicle parts and accessories	59.5	58.1	59.5	56.9	55.9
372	Aircraft and parts	121.7	123.6	125.8	125.7	125.5
3721	Aircraft	65.3	66.8	72.4	72.1	71.9
3724	Aircraft engines and engine parts	29.0	29.3	26.8	26.7	25.6
3728	Aircraft equipment, nec	27.4	27.5	26.6	26.9	27.0
373	Ship and boat building and repairing	22.1	22.2	24.5	24.3	23.4
3731	Ship building and repairing	16.0	16.2	17.9	17.7	17.2
374	Railroad equipment	6.1	5.9	4.9	4.8	4.6
376	Guided missiles, space vehicles, parts	25.8	25.9	28.1	28.6	28.5
3761	Guided missiles and space vehicles	21.5	21.5	23.4	23.9	23.8
379	Miscellaneous transportation equipment	7.4	7,1	7.7	7.6	7.7
38	**INSTRUMENTS AND RELATED PRODUCTS**	303.9	302.4	306.3	305.7	302.0
381	Engineering and scientific instruments	24.3	24.4	24.6	24.8	24.7
382	Measuring and controlling devices	106.1	106.0	105.9	105.2	103.6
3822	Environmental controls	24.1	23.7	22.0	21.5	21.3
3823	Process control instruments	18.7	18.9	19.7	19.4	18.7
3825	Instruments to measure electricity	47.5	47.8	48.6	48.7	48.6
383	Optical instruments and lenses	11.2	11.1	11.7	11.7	11.7
384	Medical instruments and supplies	85.6	85.1	87.9	88.7	87.9
3841	Surgical and medical instruments	41.7	41.4	42.5	43.1	42.6
3842	Surgical appliances and supplies	35.6	35.4	37.2	37.3	37.1
385	Ophthalmic goods	25.3	24.9	24.2	23.9	22.9
386	Photographic equipment and supplies	39.2	38.9	41.1	41.1	41.0
387	Watches, clocks, and watchcases	12.2	12.0	10.9	10.3	11.2
39	**MISCELLANEOUS MANUFACTURING INDUSTRIES**	188.1	183.0	200.3	191.6	180.4
391	Jewelry, silverware, and plated ware	27.1	25.1	27.7	27.2	25.3
393	Musical instruments	10.3	10.2	10.2	10.3	9.9
394	Toys and sporting goods	53.1	52.7	61.9	56.4	52.4
3942, 4	Dolls, games, toys, and children's vehicles	26.9	27.0	34.2	28.7	25.8
3949	Sporting and athletic goods, nec	26.2	25.7	27.7	27.7	26.6
395	Pens, pencils, office and art supplies	20.6	20.2	21.4	21.2	20.5
396	Costume jewelry and notions	29.1	27.4	28.2	26.8	24.4
399	Miscellaneous manufactures	47.9	47.4	50.9	49.7	47.9
	NONDURABLE GOODS					
20	**FOOD AND KINDRED PRODUCTS**	497.8	476.6	511.6	493.2	466.5
201	Meat products	116.1	112.5	115.0	113.2	109.0
2011	Meat packing plants	29.4	28.5	29.0	28.7	28.5
2013	Sausages and other prepared meats	20.4	20.0	20.8	20.7	20.1
2016	Poultry dressing plants	59.1	56.7	58.8	57.7	58.2
202	Dairy products	37.9	36.5	36.9	36.9	36.1
2026	Fluid milk	17.1	17.0	16.5	16.5	16.5
203	Preserved fruits and vegetables	92.7	85.0	101.8	87.5	77.2
2032	Canned specialties	9.2	9.0	9.3	9.2	9.5
2033	Canned fruits and vegetables	31.0	26.7	33.3	25.4	21.3
2037	Frozen fruits and vegetables	18.1	16.5	23.1	19.4	16.5
204	Grain mill products	30.3	30.2	30.4	30.3	29.3
205	Bakery products	58.0	57.0	58.8	58.1	56.9
2051	Bread, cake, and related products	38.8	37.6	39.1	38.8	38.2
2052	Cookies and crackers	19.2	19.4	19.7	19.3	19.7
206	Sugar and confectionery products	46.3	44.1	51.6	49.8	45.9
207	Fats and oils	6.1	6.0	6.2	6.3	6.3
208	Beverages	41.5	41.0	43.5	43.4	42.2
2082	Malt beverages	7.6	7.5	8.2	8.3	8.2
2086	Bottled and canned soft drinks	18.5	18.4	19.6	19.5	19.4
209	Misc. foods and kindred products	68.9	64.3	67.4	67.7	63.0
21	**TOBACCO MANUFACTURES**	26.9	26.0	27.8	26.9	25.0
211	Cigarettes	15.2	15.1	14.6	14.6	14.5

B-3. Women employees on nonagricultural payrolls by industry – Continued

(In thousands)

1972 SIC Code	Industry	Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981	Jan. 1982
22	**TEXTILE MILL PRODUCTS**	398.9	395.7	393.8	396.7	371.8
221	Weaving mills, cotton	64.5	64.0	61.0	60.4	59.3
222	Weaving mills, synthetics	48.6	48.9	48.1	47.6	45.4
223	Weaving and finishing mills, wool	7.1	7.3	7.3	7.1	7.2
224	Narrow fabric mills	13.8	14.0	14.3	14.3	13.6
225	Knitting mills	140.2	136.9	138.1	135.5	128.9
2251	Women's hosiery, except socks	22.9	22.6	22.8	23.1	22.8
2252	Hosiery, nec	24.1	23.7	24.4	24.5	23.8
2253	Knit outerwear mills	48.1	46.3	51.1	48.4	48.3
2254	Knit underwear mills	23.8	23.6	21.9	21.3	20.5
2257	Circular knit fabric mills	12.4	12.2	10.4	10.4	10.0
226	Textile finishing, except wool	21.1	21.7	21.9	21.1	20.2
2261	Finishing plants, cotton	8.8	9.4	9.8	9.4	9.8
2262	Finishing plants, synthetic	6.3	6.2	6.2	6.0	6.1
227	Floor covering mills	22.1	21.8	22.4	21.5	20.3
228	Yarn and thread mills	61.9	61.8	61.2	60.1	59.9
2281	Yarn mills, except wool	39.0	38.9	38.6	38.1	37.7
2282	Throwing and winding mills	12.2	12.3	11.8	11.2	11.8
229	Miscellaneous textile goods	19.6	19.4	19.3	19.1	18.8
23	**APPAREL AND OTHER TEXTILE PRODUCTS**	999.8	996.7	1,016.1	999.2	961.2
231	Men's and boys' suits and coats	60.8	60.2	62.3	62.5	61.9
232	Men's and boys' furnishings	296.5	290.1	297.1	292.7	283.5
2321	Men's and boys' shirts and nightwear	83.7	82.0	84.8	83.3	83.3
2327	Men's and boys' separate trousers	63.1	61.8	62.9	61.6	60.1
2328	Men's and boys' work clothing	84.8	83.0	83.5	83.5	83.1
233	Women's and misses' outerwear	340.8	339.3	346.5	339.4	327.3
2331	Women's and misses' blouses and waists	54.3	54.0	55.1	52.5	51.8
2335	Women's and misses' dresses	117.7	117.5	117.2	112.4	112.3
2337	Women's and misses' suits and coats	52.4	47.7	49.3	45.5	44.3
2339	Women's and misses' outerwear, nec	116.4	120.1	124.5	120.0	119.3
234	Women's and children's undergarments	74.9	74.8	78.3	76.9	73.1
2341	Women's and children's underwear	60.6	60.6	63.9	62.4	60.4
2342	Brassieres and allied garments	14.3	14.2	14.4	14.5	13.7
236	Children's outerwear	53.9	54.7	56.3	56.0	54.3
2361	Children's dresses and blouses	24.3	24.6	25.6	25.4	25.2
238	Misc. apparel and accessories	41.9	40.5	41.8	41.2	39.3
239	Misc. fabricated textile products	115.2	111.8	119.1	115.3	109.5
2391	Curtains and draperies	21.6	21.3	23.7	23.4	21.7
2392	House furnishings, nec	31.9	30.2	34.1	33.1	31.4
2396	Automotive and apparel trimmings	17.8	16.6	16.9	15.1	14.5
26	**PAPER AND ALLIED PRODUCTS**	158.7	157.6	159.7	158.3	156.0
261, 2 6	Paper and pulp mills	28.1	27.5	28.1	27.7	27.3
262	Paper mills, except building paper	25.1	24.6	25.3	25.3	24.7
263	Paperboard mills	5.9	5.9	5.8	5.8	5.8
264	Misc. converted paper products	75.2	75.6	76.8	77.0	76.4
265	Paperboard containers and boxes	49.5	48.6	49.0	47.8	46.5
27	**PRINTING AND PUBLISHING**	508.1	503.6	523.7	527.4	520.3
271	Newspapers	161.8	160.1	168.3	169.8	168.5
272	Periodicals	53.9	55.0	56.6	57.0	57.3
273	Books	54.7	55.0	54.2	55.1	55.1
274	Miscellaneous publishing	27.3	27.8	27.3	28.3	28.0
275	Commercial printing	135.2	133.2	140.7	141.1	137.4
2751	Commercial printing, letterpress	56.8	55.5	59.7	59.8	57.3
2752	Commercial printing, lithographic	72.7	71.9	74.5	74.7	73.4
276	Manifold business forms	15.9	15.6	16.0	16.0	16.0
278	Blankbooks and bookbinding	32.3	31.3	32.7	32.8	32.1
279	Printing trade services	11.0	10.9	12.0	12.1	12.1
28	**CHEMICALS AND ALLIED PRODUCTS**	278.8	278.4	283.5	281.9	278.9
281	Industrial inorganic chemicals	24.3	24.3	24.7	24.4	24.2
2819	Industrial inorganic chemicals, nec	16.6	16.5	16.5	16.2	16.2
282	Plastics materials and synthetics	43.4	43.3	43.0	43.1	42.9
2821	Plastics materials and resins	11.5	11.5	11.5	11.5	11.4
2824	Organic fibers, noncellulosic	25.4	25.2	25.1	25.3	25.2
283	Drugs	83.6	84.3	86.6	86.3	85.1
2834	Pharmaceutical preparations	70.3	70.9	72.5	72.5	72.4
284	Soap, cleaners, and toilet goods	57.3	56.2	56.9	55.7	54.2
2841	Soap and other detergents	9.5	9.8	9.3	9.2	8.5
2844	Toilet preparations	34.1	32.7	34.1	33.6	32.6
285	Paints and allied products	12.4	12.4	12.3	12.2	11.3
286	Industrial organic chemicals	25.8	26.0	27.5	27.6	27.3
2861,5	Gum, wood, and industrial organic chemicals, nec	21.4	21.5	23.2	23.1	23.4
287	Agricultural chemicals	10.2	10.4	10.8	10.9	10.8
289	Miscellaneous chemical products	21.5	21.5	21.7	21.7	21.3

B-3. Women employees on nonagricultural payrolls by industry—Continued

(In thousands)

1972 SIC Code	Industry	Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981	Jan. 1982
29	PETROLEUM AND COAL PRODUCTS	28.7	28.9	31.1	31.2	30.7
291	Petroleum refining	23.6	23.9	25.9	26.1	25.7
30	RUBBER AND MISC. PLASTICS PRODUCTS	251.1	250.1	255.1	249.8	248.5
301	Tires and inner tubes	11.6	11.6	11.4	11.5	11.1
302	Rubber and plastics footwear	13.0	12.5	12.4	12.4	11.5
303.4	Reclaimed rubber, and rubber and plastics hose and belting	5.9	5.7	6.4	6.2	6.1
306	Fabricated rubber products, nec	35.8	35.8	36.3	34.9	33.8
307	Miscellaneous plastics products	184.8	184.5	188.6	184.4	182.3
31	LEATHER AND LEATHER PRODUCTS	136.5	134.6	139.7	133.3	133.4
311	Leather tanning and finishing	2.8	2.8	2.9	2.9	2.9
314	Footwear, except rubber	92.3	92.2	93.7	89.4	90.0
3143	Men's footwear, except athletic	35.4	35.2	36.7	34.3	36.0
3144	Women's footwear, except athletic	34.8	35.3	34.4	33.6	32.7
316	Luggage	7.9	7.2	8.1	7.8	7.1
317	Handbags and personal leather goods	20.0	19.2	20.5	19.4	17.7
	TRANSPORTATION AND PUBLIC UTILITIES	1,318	1,307	1,361	1,365	1,351
41	LOCAL AND INTERURBAN PASSENGER TRANSIT	72.2	71.1	81.2	81.0	80.8
411	Local and suburban transportation	14.9	14.8	16.2	17.1	15.8
412	Taxicabs	7.2	7.2	7.2	7.3	7.2
413	Intercity highway transportation	5.2	5.0	4.9	5.0	5.0
415	School buses	42.4	41.6	50.0	48.8	49.2
42	TRUCKING AND WAREHOUSING	153.9	149.3	156.1	157.5	152.9
421,3	Trucking and trucking terminals	138.2	133.8	137.8	140.1	136.5
422	Public warehousing	15.7	15.5	18.3	17.4	16.4
44	WATER TRANSPORTATION	20.3	20.1	23.3	23.6	23.2
45	TRANSPORTATION BY AIR	147.7	147.2	147.8	146.9	145.9
451,2	Air transportation	139.1	138.5	138.8	137.7	136.7
46	PIPE LINES, EXCEPT NATURAL GAS	3.0	2.9	3.4	3.4	3.5
47	TRANSPORTATION SERVICES	91.4	92.4	107.3	107.3	107.3
48	COMMUNICATION	639.2	634.7	648.3	650.9	651.9
481	Telephone communication	551.2	547.0	553.9	555.6	555.9
483	Radio and television broadcasting	65.7	65.5	68.4	68.7	59.2
49	ELECTRIC, GAS, AND SANITARY SERVICES	157.8	158.1	169.1	169.9	170.1
491	Electric services	74.6	75.0	79.2	79.9	80.3
492	Gas production and distribution	37.1	37.1	39.5	39.4	39.5
493	Combination utility services	35.3	35.1	39.0	39.0	38.8
495	Sanitary services	5.9	5.9	6.5	6.6	6.5
	WHOLESALE AND RETAIL TRADE	9,049	8,941	9,433	9,636	9,198
50,51	WHOLESALE TRADE	1,392	1,368	1,424	1,414	1,393
50	WHOLESALE TRADE DURABLE GOODS	764	758	788	790	782
501	Motor vehicles and automotive equipment	88.8	87.9	90.9	90.8	93.6
502	Furniture and home furnishings	46.6	46.2	48.5	48.6	47.5
503	Lumber and construction materials	35.4	35.0	37.5	37.9	37.1
504	Sporting goods, toys, and hobby goods	24.3	24.6	26.0	25.9	25.5
505	Metals and minerals, except petroleum	29.5	29.5	30.0	30.1	29.8
506	Electrical goods	123.1	121.5	126.7	127.2	125.8
507	Hardware, plumbing, and heating equipment	65.5	65.3	66.4	66.5	66.1
508	Machinery, equipment, and supplies	304.4	302.7	315.3	316.7	314.1
509	Miscellaneous durable goods	47.9	47.2	47.0	46.6	45.8
51	WHOLESALE TRADE NONDURABLE GOODS	628	610	636	624	611
511	Paper and paper products	47.7	48.0	49.9	50.0	50.3
512	Drugs, proprietaries, and sundries	66.0	66.0	66.6	66.5	65.8
513	Apparel, piece goods, and notions	82.8	80.3	83.8	82.6	81.4
514	Groceries and related products	164.2	155.3	163.3	158.7	151.4
516	Chemicals and allied products	35.3	35.6	36.0	35.5	36.3
517	Petroleum and petroleum products	53.1	51.4	53.3	53.2	53.1
518	Beer, wine, and distilled beverages	22.1	21.8	22.2	22.2	22.3
519	Miscellaneous nondurable goods	115.0	112.2	118.1	116.5	116.4

B-3. Women employees on nonagricultural payrolls by industry – Continued

[In thousands]

1972 SIC Code	Industry	Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981	Jan. 1982
52-59	**RETAIL TRADE**	8,057	7,573	8,009	8,222	7,755
52	**BUILDING MATERIALS AND GARDEN SUPPLIES**	165.9	157.8	162.7	163.0	155.2
521	Lumber and other building materials	66.3	64.6	66.0	65.4	61.3
525	Hardware stores	57.4	55.1	56.5	57.9	55.2
53	**GENERAL MERCHANDISE STORES**	1,756.9	1,566.8	1,607.1	1,701.5	1,553.6
531	Department stores	1,444.8	1,288.0	1,319.5	1,394.5	1,239.0
533	Variety stores	219.1	200.0	197.6	208.9	193.3
539	Misc. general merchandise stores	93.0	78.8	90.0	98.1	95.3
54	**FOOD STORES**	1,064.4	1,036.8	1,087.1	1,098.6	1,058.5
541	Grocery stores	886.3	872.1	908.1	913.0	901.0
542	Meat markets and freezer provisioners	17.7	16.8	16.9	16.9	16.5
546	Retail bakeries	81.7	79.7	82.1	82.6	79.5
55	**AUTOMOTIVE DEALERS AND SERVICE STATIONS**	306.8	303.8	313.9	317.6	313.3
551,2	New and used car dealers	113.0	111.9	113.2	112.9	111.5
553	Auto and home supply stores	50.9	50.6	50.2	52.4	52.0
554	Gasoline service stations	127.5	126.7	136.3	138.3	136.3
56	**APPAREL AND ACCESSORY STORES**	762.5	680.5	713.0	770.3	695.0
561	Men's and boys' clothing and furnishings	69.7	61.5	61.9	70.0	62.9
562	Women's ready-to-wear stores	352.9	315.0	329.6	352.2	318.5
565	Family clothing stores	163.3	142.3	151.5	169.8	147.7
566	Shoe stores	89.5	81.8	86.1	90.2	87.0
57	**FURNITURE AND HOME FURNISHING STORES**	214.3	209.3	215.2	217.8	211.1
571	Furniture and home furnishings stores	141.3	137.6	141.7	142.4	138.6
572	Household appliance stores	24.6	23.6	25.1	25.3	24.8
573	Radio, television, and music stores	48.4	48.1	48.4	50.1	47.7
58	**EATING AND DRINKING PLACES**	2,661.9	2,568.5	2,771.3	2,767.8	2,652.4
59	**MISCELLANEOUS RETAIL**	1,124.8	1,049.5	1,138.3	1,185.2	1,095.3
591	Drug stores and proprietary stores	314.0	308.3	316.6	322.8	314.1
592	Liquor stores	33.1	32.3	37.1	39.0	35.4
594	Miscellaneous shopping goods stores	421.6	375.0	413.1	448.4	398.0
596	Nonstore retailers	177.3	166.4	192.4	194.4	175.5
598	Fuel and ice dealers	24.4	24.6	24.0	24.5	24.8
599	Retail stores, nec	134.8	123.4	135.3	140.5	127.9
	FINANCE, INSURANCE, AND REAL ESTATE	3,103	3,112	3,197	3,204	3,197
60	**BANKING**	1,133.6	1,137.9	1,164.6	1,165.2	1,155.7
602	Commercial and stock savings banks	1,043.3	1,047.6	1,071.0	1,071.3	1,072.0
61	**CREDIT AGENCIES OTHER THAN BANKS**	387.1	393.7	398.9	400.3	401.3
612	Savings and loan associations	193.2	195.7	202.0	203.8	205.0
614	Personal credit institutions	122.5	127.1	126.0	125.6	125.0
62	**SECURITY, COMMODITY BROKERS, AND SERVICES**	97.1	98.3	109.0	110.2	110.4
621	Security brokers and dealers	78.2	79.2	89.7	91.0	91.4
63	**INSURANCE CARRIERS**	752.0	749.1	756.4	758.6	756.2
631	Life insurance	294.6	293.3	302.5	304.3	302.6
632	Medical service and health insurance	104.9	104.7	103.8	103.7	103.6
633	Fire, marine, and casualty insurance	302.6	301.5	302.3	303.1	302.8
64	**INSURANCE AGENTS, BROKERS, AND SERVICE**	287.4	288.7	299.5	299.7	299.7
65	**REAL ESTATE**	369.0	367.5	386.6	387.7	382.3
651	Real estate operators and lessors	142.7	142.0	152.4	155.2	152.1
653	Real estate agents and managers	176.4	175.1	181.3	179.8	178.9
655	Subdividers and developers	35.1	35.5	38.7	38.6	37.2
66	**COMBINED REAL ESTATE, INSURANCE, ETC**	13.5	13.2	12.6	12.8	13.0
67	**HOLDING AND OTHER INVESTMENT OFFICES**	63.0	64.0	68.9	69.6	69.5
	SERVICES	10,696	10,633	11,136	11,116	11,019
70	**HOTELS AND OTHER LODGING PLACES**	550.6	534.2	574.8	558.4	542.2
701	Hotels, motels, and tourist courts	534.0	517.5	557.4	540.5	525.5

B-3. Women employees on nonagricultural payrolls by industry – Continued

[In thousands]

1972 SIC Code	Industry	Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981	Jan. 1982
72	PERSONAL SERVICES	616.4	613.1	624.2	622.3	627.8
721	Laundry, cleaning, and garment services	226.3	224.1	227.4	225.9	223.5
723	Beauty shops	256.3	249.3	258.5	261.3	261.2
726	Funeral service and crematories	19.1	19.4	20.2	20.2	20.3
73	BUSINESS SERVICES	1,406.8	1,400.0	1,482.1	1,486.0	1,436.2
731	Advertising	72.7	73.0	75.4	75.9	76.3
732	Credit reporting and collection	52.4	51.7	50.3	50.3	49.8
733	Mailing, reproduction, stenographic	62.4	61.0	67.0	66.1	67.2
734	Services to buildings	187.9	186.0	206.6	208.3	204.3
736	Personnel supply services	375.3	373.2	371.2	373.5	367.7
737	Computer and data processing services	150.4	152.8	171.4	173.4	173.5
75	AUTO REPAIR, SERVICES, AND GARAGES	96.5	97.1	96.3	95.9	96.4
753	Automotive repair shops	42.2	42.4	44.6	45.3	45.8
76	MISCELLANEOUS REPAIR SERVICES	60.8	60.3	59.3	59.5	59.8
78	MOTION PICTURES	78.3	80.9	83.5	82.2	77.8
781	Motion picture production and services	24.3	23.5	25.1	23.7	22.2
783	Motion picture theaters	48.0	51.5	52.3	52.3	49.4
79	AMUSEMENT AND RECREATION SERVICES	267.0	255.2	289.2	295.3	281.9
80	HEALTH SERVICES	4,387.5	4,399.1	4,591.7	4,598.8	4,606.0
801	Offices of physicians	594.9	596.3	619.8	620.8	624.8
802	Offices of dentists	297.3	295.8	313.4	312.6	313.3
805	Nursing and personal care facilities	911.9	913.8	944.6	944.1	947.4
806	Hospitals	2,264.4	2,275.3	2,379.3	2,380.4	2,385.5
81	LEGAL SERVICES	367.5	368.7	388.5	387.2	388.7
82	EDUCATIONAL SERVICES	638.9	602.4	657.5	644.0	603.1
821	Elementary and secondary schools	200.7	194.3	185.3	184.1	181.1
822	Colleges and universities	369.8	340.6	401.2	388.6	349.9
83	SOCIAL SERVICES	874.8	872.0	893.8	896.3	891.1
89	MISCELLANEOUS SERVICES	328.9	335.6	350.4	352.9	358.4
891	Engineering and architectural services	118.1	120.1	125.1	125.7	125.4
893	Accounting, auditing, and bookkeeping	152.1	156.7	165.1	167.0	173.1
	GOVERNMENT	7,981	7,876	7,815	7,804	7,692
	FEDERAL GOVERNMENT	877	878	862	868	869
	STATE AND LOCAL GOVERNMENT	7,104	6,998	6,953	6,936	6,823
	State government	1,674.3	1,628.3	1,672.1	1,661.7	1,612.1
	Hospitals	336.2	334.8	336.3	337.3	334.5
	State education	701.5	653.4	695.7	686.4	633.5
	General administration including executive, legislative, and judicial functions	424.4	426.6	431.6	432.0	435.2
	Local government	5,429.8	5,370.0	5,280.7	5,274.7	5,210.9
	Transportation and public utilities	99.4	99.3	104.9	105.8	106.8
	Hospitals	499.5	501.7	517.4	519.5	521.9
	Local education	3,609.3	3,551.4	3,497.9	3,493.7	3,429.9
	General administration including executive, legislative, and judicial functions	991.2	990.9	968.3	961.9	951.3

ESTABLISHMENT DATA
SEASONALLY ADJUSTED EMPLOYMENT

B-4. Employees on nonagricultural payrolls by industry division and major manufacturing group, seasonally adjusted

(In thousands)

Industry division and group	1981										1982		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb. p	Mar. p
TOTAL	91,347	91,453	91,564	91,615	91,880	91,901	92,033	91,832	91,522	91,113	90,879	91,033	90,822
GOODS-PRODUCING	25,705	25,703	25,705	25,818	25,939	25,931	25,930	25,662	25,418	25,104	24,801	24,841	24,660
MINING	1,098	953	957	1,110	1,132	1,151	1,162	1,162	1,172	1,175	1,166	1,166	1,163
CONSTRUCTION	4,416	4,418	4,334	4,284	4,272	4,275	4,272	4,259	4,229	4,193	4,085	4,158	4,122
MANUFACTURING	20,191	20,332	20,414	20,424	20,535	20,505	20,496	20,241	20,017	19,736	19,550	19,507	19,375
DURABLE GOODS	12,099	12,237	12,254	12,278	12,333	12,332	12,311	12,115	11,932	11,714	11,596	11,552	11,485
Lumber and wood products	692	702	710	699	702	686	677	652	634	619	615	625	620
Furniture and fixtures	467	478	484	486	488	487	485	480	470	468	458	454	451
Stone, clay, and glass products	651	655	658	658	658	660	655	644	634	622	607	605	599
Primary metal industries	1,141	1,145	1,142	1,144	1,140	1,148	1,139	1,114	1,090	1,058	1,042	1,026	1,017
Fabricated metal products	1,581	1,595	1,604	1,604	1,614	1,610	1,606	1,575	1,546	1,516	1,501	1,493	1,481
Machinery, except electrical	2,480	2,491	2,511	2,521	2,533	2,542	2,551	2,549	2,522	2,488	2,455	2,481	2,476
Electric and electronic equipment	2,117	2,134	2,143	2,148	2,163	2,166	2,163	2,150	2,119	2,089	2,093	2,085	2,075
Transportation equipment	1,849	1,878	1,872	1,886	1,886	1,889	1,889	1,811	1,783	1,725	1,706	1,721	1,722
Instruments and related products	712	714	716	717	723	727	727	723	719	717	711	709	704
Miscellaneous manufacturing ind	409	414	414	415	426	417	419	417	415	416	408	403	398
NONDURABLE GOODS	8,092	8,125	8,160	8,146	8,202	8,173	8,185	8,126	8,085	8,022	7,954	7,945	7,890
Food and kindred products	1,691	1,697	1,703	1,673	1,691	1,668	1,669	1,675	1,676	1,669	1,663	1,579	1,667
Tobacco manufactures	72	72	71	71	71	73	71	70	70	70	71	70	68
Textile mill products	838	842	843	846	856	849	849	833	823	812	795	792	780
Apparel and other textile products	1,243	1,253	1,258	1,264	1,278	1,272	1,273	1,259	1,251	1,233	1,210	1,211	1,192
Paper and allied products	689	691	694	695	696	698	703	691	686	682	678	673	667
Printing and publishing	1,276	1,280	1,283	1,284	1,290	1,295	1,301	1,302	1,302	1,302	1,301	1,303	1,302
Chemicals and allied products	1,108	1,107	1,109	1,111	1,110	1,106	1,112	1,108	1,104	1,100	1,093	1,093	1,090
Petroleum and coal products	210	211	213	212	212	212	211	210	210	208	203	201	201
Rubber and misc. plastic products	734	744	753	757	760	764	760	744	733	722	718	712	713
Leather and leather products	231	231	233	233	238	236	236	234	230	224	222	212	210
SERVICE-PRODUCING	65,642	65,750	65,859	65,797	65,941	65,970	66,103	66,170	66,104	66,009	66,078	66,193	66,162
TRANSPORTATION AND PUBLIC UTILITIES	5,139	5,161	5,148	5,149	5,167	5,170	5,186	5,168	5,147	5,122	5,124	5,131	5,188
WHOLESALE AND RETAIL TRADE	20,635	20,635	20,714	20,717	20,796	20,862	20,872	20,916	20,838	20,735	20,849	20,925	20,904
WHOLESALE TRADE	5,316	5,333	5,346	5,349	5,360	5,375	5,370	5,360	5,363	5,336	5,321	5,320	5,309
RETAIL TRADE	15,319	15,303	15,368	15,368	15,436	15,487	15,502	15,556	15,475	15,399	15,528	15,605	15,595
FINANCE, INSURANCE, AND REAL ESTATE	5,293	5,315	5,326	5,331	5,344	5,354	5,366	5,360	5,355	5,366	5,361	5,364	5,373
SERVICES	18,371	18,475	18,540	18,560	18,642	18,667	18,774	18,783	18,838	18,856	18,845	18,913	18,998
GOVERNMENT	16,204	16,173	16,131	16,040	15,992	15,917	15,905	15,933	15,926	15,930	15,899	15,891	15,899
FEDERAL	2,781	2,767	2,779	2,781	2,777	2,770	2,765	2,759	2,748	2,741	2,742	2,737	2,732
STATE AND LOCAL	13,423	13,403	13,352	13,259	13,215	13,147	13,140	13,179	13,178	13,189	13,157	13,154	13,167

p=preliminary

B-5. Women employees on nonagricultural payrolls by industry division and major manufacturing group, seasonally adjusted

(In thousands)

Industry division and group	1981												1982
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
TOTAL	38,780	38,877	38,931	38,987	39,088	39,264	39,469	39,482	39,467	39,459	39,331	39,239	39,250
GOODS-PRODUCING	6,806	6,814	6,823	6,878	6,915	6,936	7,016	6,999	6,986	6,939	6,868	6,803	6,738
MINING	115	117	119	116	116	124	127	129	132	134	135	137	137
CONSTRUCTION	391	392	394	397	397	398	402	401	401	400	399	403	405
MANUFACTURING	6,300	6,305	6,310	6,367	6,402	6,414	6,487	6,469	6,453	6,405	6,334	6,263	6,201
DURABLE GOODS	3,008	3,013	3,020	3,056	3,073	3,087	3,116	3,118	3,104	3,073	3,023	2,983	2,963
Lumber and wood products	104	104	104	106	108	107	108	105	103	100	97	95	95
Furnitures and fixtures	139	141	141	145	146	148	149	148	146	146	142	140	138
Stone, clay, and glass products	126	127	126	127	128	129	131	131	130	129	126	124	122
Primary metal industries	124	124	124	127	128	127	125	128	126	122	118	115	112
Fabricated metal products	330	331	333	337	341	342	345	345	343	334	325	318	315
Machinery, except electrical	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Electric and electronic equipment	897	893	902	912	915	916	926	925	925	918	901	889	893
Transportation equipment	292	294	295	302	303	308	311	314	309	304	299	291	289
Instruments and related products	303	302	302	303	305	304	308	310	309	307	306	305	303
Miscellaneous manufacturing ind.	192	191	191	192	194	193	200	195	194	193	193	194	189
NONDURABLE GOODS	3,292	3,292	3,290	3,313	3,329	3,327	3,371	3,351	3,349	3,332	3,311	3,283	3,281
Food and kindred products	505	505	500	506	507	495	504	496	490	500	502	503	494
Tobacco manufactures	26	26	26	26	26	26	26	27	26	26	25	25	26
Textile mill products	397	395	395	398	399	400	405	402	403	396	391	385	375
Apparel and other textile products	1,004	1,001	1,001	1,006	1,012	1,019	1,033	1,025	1,028	1,016	1,010	996	978
Paper and allied products	159	160	160	161	162	160	163	164	165	161	159	159	158
Printing and publishing	504	505	507	510	511	512	515	517	519	522	521	523	521
Chemicals and allied products	281	282	283	282	282	283	283	282	283	283	283	283	281
Petroleum and coal products	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Rubber and misc. plastics products	250	250	252	257	261	263	258	267	264	257	251	247	248
Leather and leather products	137	138	137	137	139	139	144	141	141	140	138	134	133
SERVICE-PRODUCING	31,974	32,063	32,108	32,109	32,173	32,328	32,453	32,483	32,481	32,520	32,463	32,439	32,522
TRANSPORTATION AND PUBLIC UTILITIES	1,310	1,314	1,318	1,327	1,329	1,335	1,340	1,345	1,356	1,355	1,350	1,357	1,368
WHOLESALE AND RETAIL TRADE	8,998	9,031	9,051	8,990	9,024	9,166	9,207	9,237	9,251	9,261	9,192	9,127	9,202
WHOLESALE TRADE	1,375	1,373	1,377	1,388	1,389	1,388	1,393	1,403	1,405	1,403	1,409	1,400	1,400
RETAIL TRADE	7,623	7,658	7,674	7,602	7,635	7,778	7,814	7,834	7,846	7,858	7,783	7,727	7,802
FINANCE, INSURANCE, AND REAL ESTATE	3,120	3,130	3,138	3,153	3,169	3,172	3,184	3,185	3,198	3,199	3,200	3,204	3,203
SERVICES	10,765	10,803	10,830	10,882	10,906	10,924	10,979	10,994	11,057	11,101	11,125	11,138	11,153
GOVERNMENT	7,781	7,785	7,771	7,757	7,745	7,731	7,743	7,722	7,619	7,604	7,596	7,613	7,600
FEDERAL	887	865	878	877	877	876	878	877	877	873	872	873	878
STATE AND LOCAL	6,894	6,920	6,893	6,880	6,868	6,855	6,865	6,845	6,742	6,731	6,724	6,740	6,722

[1] This series is not published seasonally adjusted since the seasonal component is small relative to the trend-cycle and/or irregular components and consequently cannot be separated with sufficient precision.

ESTABLISHMENT DATA
SEASONALLY ADJUSTED EMPLOYMENT

B-6. Production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division and major manufacturing group, seasonally adjusted

[In thousands]

Industry division and group	1981										1982		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb. p	Mar. p
TOTAL PRIVATE	60,961	61,114	61,179	61,292	61,585	61,622	61,770	61,527	61,210	60,759	60,538	60,687	60,488
GOODS-PRODUCING	18,346	18,333	18,317	18,387	18,476	18,459	18,454	18,185	17,934	17,611	17,326	17,378	17,242
MINING	813	689	694	819	834	850	857	858	862	864	852	850	847
CONSTRUCTION	3,459	3,462	3,376	3,323	3,315	3,315	3,316	3,301	3,275	3,233	3,132	3,207	3,158
MANUFACTURING	14,074	14,187	14,247	14,245	14,327	14,294	14,281	14,033	13,797	13,514	13,342	13,321	13,237
DURABLE GOODS	8,325	8,412	8,442	8,455	8,491	8,485	8,465	8,267	8,083	7,868	7,758	7,745	7,691
Lumber and wood products	577	585	593	585	585	571	563	540	521	506	502	513	508
Furniture and fixtures	376	386	392	393	396	395	391	385	376	370	364	360	358
Stone, clay, and glass products	501	506	507	506	508	510	505	495	485	473	458	458	453
Primary metal industries	879	884	880	882	879	883	877	851	828	799	783	772	764
Fabricated metal products	1,169	1,173	1,184	1,187	1,197	1,193	1,187	1,157	1,132	1,102	1,085	1,078	1,070
Machinery, except electrical	1,575	1,580	1,594	1,602	1,605	1,618	1,624	1,615	1,587	1,554	1,523	1,514	1,498
Electric and electronic equipment	1,334	1,345	1,353	1,358	1,365	1,364	1,362	1,347	1,308	1,278	1,285	1,278	1,269
Transportation equipment	1,190	1,218	1,210	1,218	1,213	1,217	1,221	1,147	1,121	1,064	1,048	1,065	1,075
Instruments and related products	420	422	423	422	427	426	426	423	418	417	413	411	408
Miscellaneous manufacturing ind	304	307	306	306	316	308	309	307	307	305	297	295	292
NONDURABLE GOODS	5,749	5,775	5,805	5,790	5,836	5,809	5,816	5,763	5,714	5,646	5,584	5,576	5,546
Food and kindred products	1,158	1,168	1,170	1,148	1,160	1,140	1,140	1,149	1,149	1,141	1,133	1,150	1,143
Tobacco manufactures	56	55	55	56	55	57	56	55	55	54	56	54	53
Textile mill products	727	729	731	733	742	736	737	722	710	695	683	681	672
Apparel and other textile products	1,061	1,065	1,071	1,077	1,092	1,082	1,084	1,071	1,062	1,046	1,027	1,026	1,012
Paper and allied products	519	521	523	524	525	526	531	520	516	509	506	503	499
Printing and publishing	708	709	710	709	711	714	718	718	716	715	715	715	718
Chemicals and allied products	626	627	629	632	630	630	631	625	620	615	608	606	606
Petroleum and coal products	134	134	135	133	133	132	131	130	129	127	121	121	120
Rubber and misc. plastics products	566	575	584	585	586	592	588	573	561	551	549	543	545
Leather and leather products	194	195	197	197	202	200	200	193	196	189	187	177	177
SERVICE-PRODUCING	42,615	42,776	42,862	42,905	43,109	43,163	43,316	43,342	43,276	43,148	43,212	43,309	43,246
TRANSPORTATION AND PUBLIC UTILITIES	4,268	4,291	4,272	4,269	4,284	4,284	4,305	4,277	4,263	4,235	4,228	4,237	4,196
WHOLESALE AND RETAIL TRADE	18,031	18,027	18,084	18,093	18,200	18,230	18,271	18,311	18,218	18,120	18,205	18,286	18,268
WHOLESALE TRADE	4,330	4,342	4,352	4,350	4,367	4,370	4,367	4,359	4,359	4,339	4,311	4,308	4,299
RETAIL TRADE	13,701	13,685	13,732	13,743	13,833	13,860	13,904	13,952	13,859	13,781	13,894	13,978	13,969
FINANCE, INSURANCE, AND REAL ESTATE	3,996	4,017	4,024	4,030	4,037	4,047	4,055	4,049	4,039	4,041	4,035	4,023	4,030
SERVICES	16,320	16,441	16,482	16,513	16,588	16,602	16,685	16,705	16,756	16,752	16,744	16,788	16,748

[1] For coverage of series, see footnote 1, table B-2.

p = preliminary

B-7. Indexes of diffusion: Percent of industries in which employment[1] increased

Year and month	Over 1-month span	Over 3-month span	Over 6-month span	Over 12-month span
1979				
January	65.1	72.1	72.1	74.7
February	66.0	68.6	71.8	70.6
March	64.2	65.7	70.1	69.5
April	54.1	65.7	64.8	67.2
May	60.5	62.8	59.6	59.6
June	62.5	63.7	54.4	58.1
July	57.0	55.5	56.7	55.8
August	53.2	50.0	51.5	55.2
September	49.1	53.5	52.0	50.0
October	61.6	52.0	50.6	46.2
November	49.4	53.5	51.2	38.1
December	49.7	49.4	47.7	35.8
1980				
January	52.6	50.6	40.4	32.0
February	53.2	46.8	33.4	32.6
March	49.4	38.7	30.8	31.7
April	34.6	30.8	24.7	32.3
May	32.8	27.0	26.2	31.4
June	31.4	25.9	28.2	31.4
July	36.9	35.5	35.2	31.4
August	64.8	54.9	45.1	32.6
September	64.0	71.2	61.0	34.9
October	61.3	69.8	73.5	43.6
November	63.4	64.8	72.7	55.8
December	56.7	64.0	65.4	70.3
1981				
January	59.6	61.0	68.6	78.8
February	55.8	61.3	68.6	75.6
March	52.3	64.2	67.2	73.3
April	69.8	68.9	70.3	64.2
May	62.5	66.9	67.7	54.1
June	51.5	68.6	71.8	45.1
July	67.2	60.2	52.9	37.8
August	49.7	66.6	38.7	34.6p
September	59.3	39.2	35.8	35.8p
October	30.2	33.1	26.7	
November	27.9	23.8	27.6p	
December	29.9	23.0	23.8p	
1982				
January	30.5	26.5p		
February	48.3p	29.9p		
March	31.4p			
April				
May				
June				
July				
August				
September				
October				
November				
December				

[1] Number of employees, seasonally adjusted, on payrolls of 172 private nonagricultural industries.
p = preliminary.

NOTE: Figures are the percent of industries with employment rising. (Half of the unchanged components are counted as rising.)

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division

(In thousands)

	State and area	Total			Mining			Construction			Manufacturing		
		FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P
1	**ALABAMA**	1,341.9	1,333.3	1,337.8	17.2	16.6	16.6	63.5	62.1	62.8	359.2	348.0	352.1
2	Birmingham	343.9	339.4	339.4	9.2	8.8	8.7	18.4	17.3	17.3	61.3	56.2	57.2
3	Huntsville	118.6	123.5	123.8	(1)	(1)	(1)	3.5	3.4	3.4	35.7	36.9	37.2
4	Mobile	151.0	149.5	150.7	(1)	(1)	(1)	11.5	9.2	9.2	29.6	30.3	31.1
5	Montgomery	106.1	104.9	104.9	(1)	(1)	(1)	5.9	5.4	5.4	16.4	15.6	15.5
6	Tuscaloosa	51.8	49.9	50.4	2.5	2.7	2.8	2.4	1.9	2.0	8.1	7.6	7.8
7	**ALASKA**	162.8	172.1	173.5	7.1	7.6	7.7	8.2	10.2	10.0	8.7	7.7	7.9
8	**ARIZONA**	1,038.0	1,038.9	1,049.5	24.2	22.2	22.0	70.6	63.6	62.3	157.2	156.4	155.3
9	Phoenix	654.7	659.4	665.0	.4	.4	.4	48.2	44.0	42.8	115.5	113.8	112.9
10	Tucson	190.0	188.1	190.5	7.7	5.6	5.4	13.4	10.9	10.9	22.8	24.6	24.7
11	**ARKANSAS**	732.7	712.4	717.6	5.6	5.9	6.2	32.2	25.8	26.3	206.7	198.5	199.5
12	Fayetteville—Springdale	64.6	64.3	64.4	(1)	(1)	(1)	2.7	2.4	2.4	19.6	18.9	19.6
13	Fort Smith	69.6	66.2	66.1	1.1	1.1	1.2	2.8	2.2	2.2	21.9	20.3	20.4
14	Little Rock–North Little Rock	177.2	175.5	175.9	(1)	(1)	(1)	8.1	7.5	7.0	29.7	28.4	28.3
15	Pine Bluff	31.5	30.6	30.6	(1)	(1)	(1)	2.1	1.4	1.4	6.3	6.1	6.1
16	**CALIFORNIA**	9,891.5	10,005.1	10,004.4	45.7	49.1	49.2	420.0	402.7	392.9	1,988.2	1,961.4	1,958.9
17	Anaheim–Santa Ana–Garden Grove	853.8	865.6	863.5	2.6	2.8	2.9	48.5	45.2	44.3	222.5	222.9	221.4
18	Bakersfield	131.6	135.7	135.4	13.0	14.5	14.4	6.7	6.6	6.6	9.6	10.0	10.0
19	Fresno	178.1	179.4	180.6	.9	1.0	1.0	9.1	9.6	9.5	21.8	21.0	21.5
20	Los Angeles—Long Beach	3,641.8	3,617.0	3,615.4	13.5	14.9	14.8	123.8	109.6	108.0	910.4	894.9	889.3
21	Modesto	84.9	87.4	86.3	.1	.1	.1	5.1	4.9	4.8	17.0	18.0	17.7
22	Oxnard—Simi Valley—Ventura	154.7	161.9	161.5	2.7	3.0	3.0	7.3	6.9	6.7	24.6	25.7	25.7
23	Riverside–San Bernardino–Ontario	438.0	443.3	442.5	2.2	2.0	2.0	23.7	21.9	21.6	62.6	63.5	63.1
24	Sacramento	398.3	405.5	406.3	.6	.7	.7	16.6	15.9	15.9	26.0	26.1	26.3
25	Salinas—Seaside—Monterey	86.8	88.5	89.1	.4	.4	.4	3.3	3.2	3.3	7.6	7.8	7.8
26	San Diego	656.5	661.8	660.9	.6	.6	.6	35.3	32.6	31.8	107.5	108.1	107.2
27	San Francisco—Oakland	1,560.5	1,579.2	1,579.3	3.8	4.3	4.3	71.6	72.2	71.5	197.8	195.0	196.6
28	San Jose	680.0	692.6	691.5	.1	.1	.1	23.8	21.9	21.9	242.2	245.8	246.4
29	Santa Barbara–Santa Maria–Lompoc	120.7	123.9	123.8	1.6	1.6	1.6	4.7	4.7	4.6	17.2	17.3	17.7
30	Santa Rosa	92.7	95.2	94.9	.4	.4	.4	4.7	5.1	4.7	14.6	15.3	15.2
31	Stockton	117.8	118.9	118.8	.1	.1	.1	5.4	5.3	5.3	19.9	19.8	19.8
32	Vallejo—Fairfield—Napa	98.8	101.0	101.5	.5	.5	.5	4.7	4.6	4.5	10.1	10.4	10.6
33	**COLORADO**	1,263.0	1,277.8	1,276.6	40.0	43.0	42.7	70.3	68.6	67.9	181.5	183.0	181.9
34	Denver—Boulder	807.5	821.1	820.1	23.6	27.3	27.1	41.8	41.3	40.8	125.7	127.6	126.9
35	**CONNECTICUT**	1,414.7	1,417.7	1,409.6	(2)	(2)	(2)	41.9	44.3	42.2	441.0	429.6	423.8
36	Bridgeport	165.9	167.7	166.3	(2)	(2)	(2)	3.5	3.7	3.6	64.5	64.8	64.3
37	Hartford	392.4	394.4	391.7	(2)	(2)	(2)	9.6	9.9	9.4	98.8	93.6	93.7
38	New Britain	63.1	61.8	60.8	(2)	(2)	(2)	1.5	1.7	1.7	29.9	28.4	27.5
39	New Haven—West Haven	186.5	186.5	185.3	(2)	(2)	(2)	5.4	5.5	5.3	43.1	40.7	40.5
40	Stamford	109.6	111.9	111.3	(2)	(2)	(2)	5.3	5.6	5.5	32.4	32.1	31.9
41	Waterbury	86.2	87.5	86.7	(2)	(2)	(2)	2.2	2.3	2.2	32.0	32.0	31.5
42	**DELAWARE**	248.8	244.5	247.9	(1)	(1)	(1)	11.4	12.1	12.3	67.7	62.9	66.4
43	Wilmington	221.2	216.2	219.3	(1)	(1)	(1)	12.1	12.2	11.8	61.9	56.9	60.5
44	**DISTRICT OF COLUMBIA**	610.6	600.3	600.0	(1)	(1)	(1)	11.3	11.2	11.3	15.3	14.2	14.2
45	Washington SMSA	1,583.3	1,569.8	1,570.6	(1)	(1)	(1)	72.6	68.7	65.3	58.9	58.5	58.5
46	**FLORIDA**	3,703.5	3,805.3	3,812.9	11.3	10.9	10.9	274.5	274.1	268.4	465.5	469.3	467.8
47	Bradenton	44.1	48.5	48.8	-	-	-	3.3	4.7	4.3	7.7	6.9	7.4
48	Daytona Beach	81.2	79.0	80.8	(1)	(1)	(1)	5.1	5.9	4.8	8.7	8.3	8.3
49	Fort Lauderdale—Hollywood	369.5	359.0	357.3	(1)	(1)	(1)	33.2	26.6	26.0	41.5	41.4	41.0
50	Fort Myers—Cape Coral	71.9	71.8	71.9	(1)	(1)	(1)	9.0	8.2	8.2	3.7	3.8	3.9
51	Gainesville	67.9	69.5	69.7	(1)	(1)	(1)	3.4	2.9	3.1	4.2	4.6	4.5
52	Jacksonville	298.1	301.4	301.5	(1)	(1)	(1)	17.1	18.1	17.8	33.6	33.5	33.2
53	Lakeland—Winter Haven	126.6	124.6	122.6	6.2	5.8	5.8	9.7	9.6	9.6	24.9	24.5	22.9
54	Melbourne–Titusville–Cocoa	104.9	106.5	106.2	(1)	(1)	(1)	8.5	5.9	6.2	22.8	24.6	24.5
55	Miami	748.9	739.3	739.3	(1)	(1)	(1)	41.2	37.3	36.6	99.6	97.6	97.9
56	Orlando	296.1	299.6	300.7	(1)	(1)	(1)	21.6	18.5	18.5	38.0	39.1	39.3
57	Panama City	32.3	33.7	33.6	(1)	(1)	(1)	2.0	2.2	2.1	3.6	3.4	3.4
58	Pensacola	98.8	98.6	98.8	(1)	(1)	(1)	7.2	6.7	6.5	12.6	12.2	12.2
59	Sarasota	73.8	73.2	73.8	(1)	(1)	(1)	7.5	6.4	6.4	6.4	6.2	6.3
60	Tallahassee	76.2	73.4	74.5	(1)	(1)	(1)	3.6	3.1	3.4	2.8	2.9	2.9
61	Tampa—St. Petersburg	571.0	576.4	576.3	(1)	(1)	(1)	41.9	40.8	39.9	79.3	78.5	78.5
62	West Palm Beach–Boca Raton	224.1	228.7	229.2	(1)	(1)	(1)	21.4	19.9	19.7	29.1	29.1	29.1

See footnotes at end of table.

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	
70.9	70.9	70.9	264.7	272.5	270.8	58.9	59.2	59.2	207.4	211.8	212.2	300.1	292.2	293.2	1
29.0	29.8	29.5	80.9	80.7	79.9	22.9	22.9	22.8	67.9	69.5	69.7	55.2	54.2	54.2	2
2.6	2.7	2.7	20.9	22.1	21.9	3.5	3.5	3.6	18.0	19.2	19.2	34.6	35.7	35.8	3
10.4	10.2	10.4	36.0	36.0	36.0	7.1	7.3	7.3	29.2	29.7	30.1	27.8	26.8	26.6	4
4.4	4.4	4.4	23.2	23.2	23.1	6.2	6.2	6.2	20.4	20.7	20.8	29.6	29.4	29.4	5
1.8	1.7	1.7	9.9	9.9	9.8	1.7	1.7	1.7	6.6	6.5	6.5	18.8	17.9	18.1	6
16.4	17.2	17.0	28.8	30.8	30.6	7.9	8.6	8.6	29.1	31.1	31.2	56.6	58.9	60.5	7
52.5	55.3	55.4	250.9	263.4	263.3	59.7	62.3	62.3	214.0	220.0	222.3	208.9	195.7	206.6	8
31.9	34.0	34.0	168.1	176.5	176.4	46.3	48.4	48.2	139.3	145.3	147.0	105.0	97.0	102.3	9
8.9	9.0	9.0	41.9	43.7	43.4	8.5	8.8	8.8	40.8	42.5	42.8	46.0	43.0	45.5	10
42.0	42.8	42.6	154.5	157.3	156.8	31.2	31.8	31.8	115.9	112.9	115.1	144.6	137.4	139.3	11
3.8	3.8	3.9	15.3	16.2	16.2	2.2	2.3	2.3	9.1	9.4	9.4	11.9	11.3	11.6	12
3.6	3.5	3.4	14.3	14.4	14.1	2.5	2.6	2.6	12.8	12.0	12.0	10.6	10.1	10.2	13
13.4	13.1	13.2	40.6	41.2	40.6	12.7	12.7	12.6	34.8	35.5	35.8	37.9	37.1	37.5	14
3.8	3.6	3.8	6.1	6.1	6.0	1.3	1.3	1.3	4.9	5.3	5.3	7.0	6.6	6.7	15
540.3	549.5	546.5	2,252.2	2,332.6	2,316.6	637.7	653.2	654.3	2,211.6	2,293.5	2,308.6	1,795.8	1,763.1	1,777.4	16
28.1	29.6	29.7	205.7	214.2	213.4	60.6	62.9	62.6	178.1	183.1	183.9	107.7	104.9	105.3	17
7.8	8.0	7.8	33.1	34.1	33.9	5.0	5.3	5.3	24.1	24.9	24.9	32.3	32.3	32.5	18
10.5	10.8	10.6	46.2	48.1	47.5	11.2	11.6	11.7	36.2	37.6	37.7	42.2	39.3	41.1	19
197.6	197.1	195.7	808.9	822.7	817.3	238.3	241.1	241.0	858.4	870.4	877.2	490.9	466.3	472.1	20
3.7	3.8	3.7	20.7	22.0	21.4	3.5	3.6	3.6	17.2	18.0	18.0	17.6	17.2	17.0	21
6.5	7.2	7.1	36.3	39.9	39.2	8.0	8.5	8.5	30.8	32.7	32.6	38.5	38.0	38.7	22
25.7	26.4	26.4	105.9	110.4	109.2	19.6	20.1	20.1	94.2	96.3	96.8	104.1	102.7	103.3	23
21.7	22.4	22.4	91.4	95.5	94.7	22.3	22.7	22.7	75.8	78.9	79.1	143.9	143.3	144.5	24
5.1	4.9	4.9	22.3	23.5	23.1	4.3	4.3	4.3	19.5	19.9	20.1	24.3	25.1	25.2	25
28.8	29.7	29.4	148.2	151.9	151.1	40.1	41.3	41.3	151.4	156.4	157.2	144.6	141.2	142.3	26
128.1	129.7	129.4	355.2	367.0	362.1	147.8	152.4	152.3	362.4	373.5	376.1	293.8	285.1	287.0	27
21.8	22.4	22.4	126.2	132.2	131.1	28.3	28.7	28.6	154.4	159.5	160.2	83.2	82.0	80.8	28
5.3	5.3	5.3	28.2	29.5	29.2	5.9	6.0	6.0	33.0	34.5	34.6	25.1	25.0	24.8	29
4.6	4.8	4.8	22.4	23.5	23.3	6.0	6.0	6.0	19.6	20.1	20.1	20.4	20.0	20.4	30
7.8	7.7	7.7	26.6	27.9	27.5	5.3	5.4	5.4	24.8	25.3	25.5	27.9	27.4	27.5	31
4.5	4.4	4.4	21.1	22.4	22.4	3.3	3.4	3.4	19.6	20.0	20.2	35.0	35.3	35.5	32
79.5	80.9	80.5	303.5	311.5	308.2	78.6	80.5	80.2	261.6	265.4	269.3	248.0	241.0	245.6	33
55.7	56.3	56.1	190.5	195.5	193.3	55.7	57.3	57.1	174.4	179.8	179.9	140.2	136.8	138.9	34
60.3	60.3	59.9	296.1	301.1	300.2	107.6	113.5	113.6	281.0	287.3	287.1	186.8	181.6	182.8	35
6.0	6.0	6.0	33.8	35.0	34.2	7.7	7.7	7.6	33.5	33.8	33.7	16.9	16.7	16.9	36
14.1	14.3	14.3	82.0	84.7	83.9	61.6	62.4	62.0	72.6	74.6	74.8	53.5	54.9	54.6	37
3.1	3.3	3.3	10.1	10.2	10.2	1.8	1.9	1.8	10.2	10.0	10.0	6.5	6.3	6.3	38
15.4	15.6	15.6	39.3	40.1	39.7	10.8	11.3	11.3	47.8	48.6	49.1	24.7	24.7	24.4	39
4.5	4.6	4.6	24.8	25.7	25.5	8.1	8.5	8.4	24.3	25.1	24.8	10.2	10.3	10.3	40
2.1	3.0	3.0	15.3	15.7	15.5	3.7	3.8	3.8	18.4	19.1	19.1	11.5	11.6	11.5	41
12.0	11.7	11.7	53.3	54.6	53.9	12.4	12.8	12.8	47.0	47.5	47.5	44.9	42.8	43.2	42
11.6	11.4	11.5	46.1	46.7	46.3	11.6	12.0	12.0	42.1	42.8	42.8	35.8	34.1	34.4	43
26.1	26.1	26.1	62.3	63.6	63.1	34.1	33.3	33.4	185.7	186.4	186.6	275.8	265.5	265.3	44
71.4	71.4	71.6	301.0	312.8	308.9	89.8	90.5	90.4	438.5	444.9	445.9	551.1	528.0	530.3	45
226.0	228.4	227.1	976.2	1,027.2	1,019.2	266.4	280.2	279.7	852.6	901.2	910.5	631.0	614.0	621.3	46
1.5	1.5	1.5	11.8	12.5	12.5	2.9	3.7	3.7	8.4	9.4	9.5	8.5	9.8	9.9	47
3.3	3.2	3.2	22.3	22.3	22.1	4.6	4.7	4.7	22.5	20.8	22.0	14.7	14.7	14.7	48
17.6	17.7	17.0	113.0	104.9	104.3	31.2	32.4	32.6	88.3	87.8	87.7	47.7	48.5	48.7	49
4.1	4.4	4.4	21.3	20.4	20.3	6.3	6.6	6.6	16.0	16.8	16.8	11.5	11.6	11.8	50
1.6	1.7	1.7	14.1	14.5	14.1	2.9	3.2	3.1	13.7	14.5	14.6	28.0	28.1	28.6	51
24.6	24.8	24.8	76.6	78.4	78.3	28.2	28.1	28.4	63.0	64.6	65.0	55.0	53.9	54.0	52
5.4	5.4	5.3	31.2	33.7	30.2	6.9	6.8	6.8	24.8	24.2	24.5	17.7	17.6	17.5	53
4.6	4.6	4.6	22.1	22.6	22.1	4.2	4.2	4.1	25.1	26.5	26.5	18.7	18.1	18.2	54
73.7	72.2	72.1	198.6	197.4	197.3	56.7	57.7	57.4	182.2	181.3	181.5	96.9	95.8	96.2	55
15.1	15.4	15.5	80.4	82.0	82.3	20.0	20.5	20.5	79.0	80.3	80.8	42.0	43.8	43.8	56
2.0	2.2	2.2	8.4	9.1	9.1	1.5	1.6	1.7	6.1	6.7	6.7	8.7	8.5	8.5	57
5.0	4.8	4.8	23.2	24.3	24.5	4.3	4.4	4.4	20.4	20.8	20.9	26.1	25.4	25.5	58
3.2	3.3	3.3	22.7	22.2	22.5	5.9	6.2	6.2	18.2	18.8	18.9	9.9	10.1	10.2	59
2.9	3.0	3.0	15.3	15.7	15.5	3.4	3.5	3.5	13.8	13.7	13.7	34.4	31.5	32.5	60
31.7	32.4	32.5	157.7	161.4	160.5	40.3	42.1	42.1	138.0	137.8	138.5	82.7	83.4	84.3	61
9.2	9.6	9.5	59.1	62.2	61.9	18.7	18.9	19.0	55.3	57.5	57.9	31.3	31.5	32.1	62

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

	State and area	Total			Mining			Construction			Manufacturing		
		FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P
1	**GEORGIA**	2,163.4	2,155.9	2,159.9	7.7	7.7	7.8	99.5	97.0	98.8	512.8	504.1	504.9
2	Albany	43.6	44.6	44.9	(1)	(1)	(1)	1.9	2.1	2.2	11.6	12.0	11.9
3	Atlanta	977.6	983.8	990.5	(1)	(1)	(1)	44.6	42.8	43.7	143.1	144.0	143.2
4	Augusta	121.9	122.5	122.5	(1)	(1)	(1)	5.3	4.6	4.8	35.6	35.8	35.3
5	Columbus	80.9	77.9	78.4	(1)	(1)	(1)	4.2	4.9	5.3	21.9	18.7	18.6
6	Macon	97.1	98.1	98.2	(1)	(1)	(1)	3.7	3.7	3.8	16.4	16.8	16.9
7	Savannah	86.9	89.7	88.7	(1)	(1)	(1)	4.8	4.9	4.8	16.5	16.4	16.3
8	**HAWAII**	(*)	397.9	402.2	(1)	(1)	(1)	(*)	20.6	20.2	(*)	21.6	22.5
9	Honolulu	(*)	325.9	329.6	(1)	(1)	(1)	(*)	16.8	16.4	(*)	15.4	16.0
10	**IDAHO**	323.4	313.7	314.5	4.9	3.9	3.8	14.4	13.9	13.6	51.9	47.8	48.5
11	Boise City	77.9	73.5	74.2	(1)	(1)	(1)	5.6	4.7	4.8	8.5	8.4	8.4
12	**ILLINOIS** [3]	4,691.2	4,623.3	4,605.4	27.7	28.3	28.2	143.7	142.7	136.2	1,136.2	1,073.8	1,063.6
13	Bloomington—Normal [3]	50.5	50.4	49.6	(2)	(2)	(2)	1.3	1.3	1.2	6.9	6.6	6.3
14	Champaign—Urbana—Rantoul [3]	76.7	72.9	76.0	(2)	(2)	(2)	1.3	1.3	1.2	7.7	7.7	7.7
15	Chicago—Gary [3]	(*)	3,398.5	(*)	(*)	5.1	(*)	(*)	103.7	(*)	(*)	855.6	(*)
16	Chicago SMSA [3]	3,197.9	3,169.2	3,158.0	3.9	3.9	3.8	91.7	86.9	84.7	773.9	738.8	733.4
17	Davenport—Rock Island—Moline [3]	162.7	153.2	153.5	(2)	(2)	(2)	6.4	6.4	6.4	51.4	41.8	42.1
18	Decatur [3]	55.7	55.1	54.6	(2)	(2)	(2)	1.7	1.8	1.7	20.2	19.8	19.7
19	Kankakee [3]	33.4	32.1	32.6	(2)	(2)	(2)	1.4	1.4	1.4	9.4	8.0	8.2
20	Peoria [3]	145.3	145.0	142.8	(2)	(2)	(2)	5.7	5.8	5.4	47.3	47.1	45.2
21	Rockford [3]	114.8	113.7	109.1	(2)	(2)	(2)	3.1	3.2	3.1	48.5	47.3	42.7
22	Springfield [3]	85.0	84.8	85.1	(2)	(2)	(2)	3.1	3.4	3.1	6.5	6.0	6.3
23	**INDIANA**	2,100.2	2,024.3	2,022.6	9.1	8.1	8.2	74.0	69.9	67.9	657.8	615.0	611.5
24	Anderson	46.1	42.1	41.6	(1)	(1)	(1)	.9	1.1	1.0	19.9	16.8	16.4
25	Elkhart	66.8	64.2	64.6	-	-	-	1.9	1.8	1.7	33.8	32.0	32.6
26	Evansville	125.4	123.3	123.1	2.8	2.6	2.6	5.8	6.2	6.0	36.3	34.0	34.0
27	Fort Wayne	170.0	164.4	163.5	(1)	(1)	(1)	6.7	6.5	6.2	53.7	49.8	49.7
28	Gary-Hammond-East Chicago [4]	250.1	239.4	238.5	(1)	(1)	(1)	13.8	13.2	13.1	93.0	85.0	83.6
29	Indianapolis	526.3	519.4	515.6	(1)	(1)	(1)	19.5	19.2	18.2	122.6	117.7	117.1
30	Lafayette—West Lafayette	58.0	57.2	57.6	(1)	(1)	(1)	2.0	2.2	2.1	11.0	11.0	10.9
31	Muncie	49.0	47.1	46.5	(1)	(1)	(1)	1.1	.9	.9	12.8	11.3	10.7
32	South Bend	106.9	103.6	103.0	(1)	(1)	(1)	4.3	3.5	3.3	30.2	29.3	29.2
33	Terre Haute	62.6	57.5	57.7	1.3	1.4	1.4	2.9	2.4	2.2	15.3	12.9	13.6
34	**IOWA**	1,074.7	1,046.7	1,050.1	1.5	1.3	1.3	37.3	33.9	32.0	236.8	219.2	227.3
35	Cedar Rapids	81.2	78.7	78.3	(1)	(1)	(1)	2.8	2.6	2.6	26.4	25.2	24.9
36	Des Moines	176.1	171.7	170.9	(1)	(1)	(1)	5.9	5.0	4.7	24.3	21.6	21.4
37	Dubuque	41.5	36.7	39.7	(1)	(1)	(1)	1.0	.9	.9	14.4	9.6	12.7
38	Sioux City	48.2	48.4	48.1	(1)	(1)	(1)	1.8	1.4	1.2	9.0	9.2	9.3
39	Waterloo—Cedar Falls	64.9	62.4	61.4	(1)	(1)	(1)	1.9	1.9	1.8	23.3	21.5	20.5
40	**KANSAS**	937.7	936.7	933.8	17.9	20.1	20.0	39.3	34.7	32.6	187.5	184.7	183.0
41	Lawrence	28.1	27.9	28.3	(2)	(2)	(2)	.8	.8	.7	4.6	4.5	4.5
42	Topeka	85.3	83.9	84.3	.2	.1	.1	3.1	2.5	2.5	10.1	9.9	9.8
43	Wichita	205.2	203.5	201.7	3.2	3.8	3.8	8.7	8.8	7.8	65.1	62.4	61.8
44	**KENTUCKY**	1,186.4	1,174.7	1,164.1	52.9	53.3	53.1	46.8	42.4	41.7	271.9	263.6	259.3
45	Lexington—Fayette	140.4	142.8	(*)	(1)	(1)	(*)	3.4	3.5	(*)	29.2	29.5	(*)
46	Louisville	385.4	370.4	372.0	(1)	(1)	(1)	14.5	15.5	15.2	101.2	91.7	93.1
47	Owensboro	30.7	28.3	28.3	1.0	.8	.8	1.6	1.2	1.2	6.8	6.2	5.9
48	**LOUISIANA**	1,592.1	1,621.6	1,628.2	93.0	100.2	100.9	132.6	133.1	135.6	216.1	209.5	209.2
49	Alexandria	52.5	53.3	53.3	(1)	(1)	(1)	3.8	3.6	3.6	5.2	5.3	5.3
50	Baton Rouge	202.2	204.1	205.8	1.2	1.3	1.3	24.8	21.3	21.4	25.8	26.2	26.1
51	Lafayette	84.7	93.1	93.8	17.2	19.7	20.0	5.4	5.5	5.5	4.4	5.0	5.1
52	Lake Charles	70.2	69.1	68.5	2.3	2.5	2.5	10.8	8.5	8.3	13.5	12.5	12.3
53	Monroe	51.1	48.9	49.4	.6	.7	.7	3.2	2.4	3.1	7.9	7.4	7.4
54	New Orleans	512.4	516.0	516.3	18.9	21.1	21.2	30.2	29.9	30.0	51.9	50.2	50.0
55	Shreveport	147.5	150.9	151.8	7.1	8.3	8.3	8.2	7.5	7.9	26.8	28.1	28.2
56	**MAINE**	405.4	400.5	399.7	(1)	(1)	(1)	13.8	14.1	12.7	112.8	108.7	107.4
57	Lewiston—Auburn	34.1	33.3	32.9	(1)	(1)	(1)	1.1	1.0	1.0	11.8	11.1	10.9
58	Portland	89.6	92.2	92.4	(1)	(1)	(1)	3.0	3.3	3.2	18.3	17.6	17.4
59	**MARYLAND**	1,691.0	1,651.7	1,654.4	(1)	(1)	(1)	91.6	76.4	75.2	220.6	216.5	214.1
60	Baltimore	951.4	932.1	931.3	(1)	(1)	(1)	44.5	35.7	34.4	155.7	145.7	145.5

See footnotes at end of table.

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	
143.1	141.5	141.9	496.1	496.3	493.2	112.5	114.1	114.1	351.2	359.0	360.6	440.5	436.2	438.7	1
2.4	2.3	2.3	9.0	9.6	9.5	2.0	2.0	2.0	6.2	6.3	6.3	10.7	10.4	10.8	2
88.9	87.7	88.3	265.8	268.6	269.0	67.3	67.7	67.5	204.2	212.2	216.1	164.5	160.8	162.8	3
4.4	4.5	4.5	22.2	22.7	22.5	4.5	4.4	4.5	18.1	18.2	18.3	31.8	32.3	32.5	4
3.3	3.2	3.2	15.6	16.0	15.9	5.3	5.4	5.4	11.2	11.2	11.3	19.4	18.5	18.7	5
4.5	4.5	4.4	19.6	20.4	20.2	6.1	6.3	6.2	17.1	17.1	17.0	29.7	29.4	29.8	6
9.5	8.6	8.4	21.0	22.0	21.5	4.0	4.1	4.0	15.2	16.4	16.2	15.9	17.3	17.5	7
(*)	30.6	30.5	(*)	104.4	104.3	(*)	32.4	32.4	(*)	100.8	102.4	(*)	87.5	89.9	8
(*)	25.6	25.5	(*)	86.5	86.4	(*)	27.8	27.9	(*)	79.5	80.9	(*)	74.3	76.5	9
19.8	19.0	19.0	78.5	79.1	77.8	23.0	23.3	23.3	60.0	58.4	58.5	70.9	68.3	70.0	10
5.1	4.7	4.6	19.6	19.3	19.2	8.0	8.0	8.0	14.5	13.5	13.5	16.6	14.9	15.7	11
285.2	274.9	275.4	1,079.7	1,083.7	1,068.7	312.6	314.5	312.8	942.1	946.1	952.5	764.0	759.3	771.0	12
3.1	3.1	3.1	12.1	11.9	11.7	7.7	7.9	7.9	8.2	8.3	8.3	11.2	11.3	11.1	13
2.6	2.6	2.5	19.2	18.4	18.5	2.5	2.4	2.4	11.2	11.5	11.5	32.2	29.0	32.2	14
(*)	206.2	(*)	(*)	799.5	(*)	(*)	228.3	(*)	(*)	694.1	(*)	(*)	536.2	(*)	15
196.9	192.4	192.8	752.8	759.6	747.4	240.0	243.5	241.0	689.1	700.0	702.0	449.7	444.1	455.9	16
6.7	6.8	6.8	40.2	43.0	39.7	7.2	7.2	7.2	24.7	24.6	25.0	26.1	26.4	26.3	17
5.3	5.2	5.2	11.6	11.8	11.5	2.7	2.7	2.6	8.7	8.7	8.6	5.4	5.0	5.2	18
1.4	1.4	1.4	6.7	6.8	6.8	1.1	1.1	1.1	6.3	6.3	6.5	7.1	7.1	7.2	19
7.9	7.9	7.9	34.4	34.3	33.9	7.2	7.3	7.0	25.3	25.6	25.7	17.5	17.3	17.7	20
4.4	4.4	4.4	24.3	24.4	23.9	4.2	4.2	4.3	18.1	18.0	18.2	12.5	12.2	12.5	21
4.6	4.7	4.7	18.5	18.7	18.1	6.7	6.7	6.7	17.3	17.7	17.7	28.2	27.5	28.4	22
103.9	99.1	99.4	459.9	455.1	451.1	100.8	99.5	98.9	335.1	336.7	340.6	359.6	341.0	345.0	23
1.3	1.2	1.2	9.1	8.9	8.9	1.6	1.6	1.6	7.2	7.1	7.1	6.1	5.4	5.4	24
2.1	2.0	2.0	13.0	12.6	12.5	2.1	2.1	2.1	8.8	8.8	8.8	5.1	4.9	4.9	25
7.1	7.1	7.0	30.4	31.2	31.1	4.6	4.6	4.6	25.3	25.1	25.2	13.1	12.5	12.6	26
10.8	10.6	10.5	41.2	41.1	40.6	10.5	10.4	10.4	28.7	28.5	28.5	18.4	17.5	17.6	27
14.3	14.1	14.1	50.3	50.4	50.0	9.2	9.0	9.0	37.2	36.8	37.6	32.3	30.9	31.1	28
30.7	30.0	29.9	129.7	131.1	129.0	38.2	38.2	38.0	95.4	96.8	97.1	90.1	86.4	86.3	29
1.5	1.4	1.4	10.9	11.1	11.0	2.5	2.5	2.5	9.3	9.4	9.4	20.8	19.6	20.3	30
2.0	2.0	2.0	11.9	12.1	11.9	1.5	1.5	1.5	8.1	8.2	8.2	11.6	11.1	11.3	31
4.6	4.5	4.4	25.9	25.0	24.6	5.3	5.2	5.2	23.7	23.6	23.5	12.9	12.5	12.8	32
3.5	3.3	3.2	15.5	14.2	13.9	2.1	1.9	1.9	9.4	9.4	9.3	12.6	12.0	12.2	33
54.1	51.6	51.5	268.1	264.9	261.9	58.3	58.9	58.7	208.3	209.3	209.5	210.2	207.6	212.4	34
3.8	3.7	3.7	19.1	18.3	18.0	4.3	4.2	4.2	15.5	15.8	15.6	9.3	9.0	9.0	35
11.0	10.9	10.9	45.2	45.3	44.7	21.7	22.5	22.6	39.5	39.3	39.5	28.4	27.1	27.2	36
1.6	1.6	1.5	9.3	8.9	8.8	1.3	1.3	1.3	10.4	10.7	10.8	3.9	3.6	3.7	37
3.8	3.8	3.7	12.5	12.7	12.7	2.8	2.7	2.7	12.0	12.4	12.4	6.2	6.3	6.3	38
2.3	2.3	2.3	13.4	13.2	13.1	2.1	2.3	2.0	10.7	10.8	10.8	11.2	10.5	10.8	39
62.1	61.2	61.6	221.4	227.4	223.0	47.4	47.3	47.2	170.1	174.9	175.6	192.0	186.4	190.8	40
1.4	1.4	1.4	5.5	5.5	5.6	.8	.8	.8	3.7	4.1	4.1	11.3	10.8	11.2	41
8.1	7.9	7.9	18.2	18.4	18.1	5.9	5.9	6.0	17.4	17.7	17.9	22.3	21.5	22.0	42
10.3	10.2	10.2	44.8	46.2	45.4	9.5	9.5	9.5	39.0	40.3	40.2	24.6	22.6	23.0	43
66.7	65.6	65.3	253.2	256.1	248.7	52.2	51.1	51.6	210.9	214.2	213.7	231.8	228.4	230.7	44
7.5	7.5	(*)	32.3	33.0	(*)	7.6	7.2	(*)	26.7	29.6	(*)	33.4	32.5	(*)	45
23.6	22.9	22.7	85.5	86.0	85.4	24.0	23.6	23.8	75.7	75.8	76.4	60.8	54.9	55.3	46
2.3	2.3	2.3	7.0	6.4	6.3	1.2	1.3	1.3	6.0	5.4	5.5	4.8	4.7	4.7	47
130.1	130.5	131.5	356.6	372.4	370.3	75.8	75.5	75.6	280.7	292.7	294.4	307.2	307.7	310.7	48
2.4	2.3	2.3	11.2	11.9	11.7	2.9	2.9	2.9	11.0	11.4	11.4	16.0	16.0	16.1	49
10.4	11.0	11.1	44.7	47.6	47.2	11.9	12.3	12.4	34.3	36.8	37.3	49.1	47.6	49.3	50
6.3	7.0	7.1	22.0	24.4	24.2	2.8	3.3	3.3	16.0	17.6	17.8	10.6	10.6	10.8	51
4.4	4.2	4.4	14.4	15.4	15.4	2.9	3.0	3.0	10.5	11.4	11.3	11.4	11.5	11.3	52
2.7	2.6	2.6	13.1	12.6	12.5	3.8	3.8	3.8	8.6	8.5	8.5	11.2	10.9	10.9	53
55.6	55.3	55.5	126.9	130.7	130.1	30.5	31.2	31.3	116.0	116.1	116.8	82.4	81.5	81.4	54
9.2	9.0	9.0	34.8	35.3	35.1	7.1	6.9	6.9	28.2	28.2	30.5	26.1	25.6	25.9	55
17.9	17.8	17.9	82.4	85.1	83.5	16.5	17.3	17.2	76.5	76.1	76.7	85.5	81.4	84.3	56
1.2	1.2	1.2	7.7	7.7	7.6	1.6	1.7	1.8	7.5	7.6	7.6	3.2	3.0	2.9	57
5.4	5.5	5.4	23.1	24.9	24.7	7.3	7.7	7.7	19.3	20.9	20.9	13.2	12.3	13.1	58
85.4	84.7	84.1	393.0	403.2	398.8	91.4	92.7	92.4	364.8	369.7	371.3	434.2	408.5	414.5	59
57.8	56.5	56.0	214.6	222.3	220.5	56.9	57.4	57.4	194.3	198.5	199.7	227.6	216.0	217.7	60

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

	State and area	Total			Mining			Construction			Manufacturing		
		FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P
1	**MASSACHUSETTS**	2,616.1	(*)	(*)	(1)	(*)	(*)	65.0	(*)	(*)	665.0	(*)	(*)
2	Boston	1,461.5	(*)	(*)	(1)	(*)	(*)	37.0	(*)	(*)	291.9	(*)	(*)
3	Brockton	56.6	(*)	(*)	(1)	(*)	(*)	1.2	(*)	(*)	12.5	(*)	(*)
4	Fall River	53.5	(*)	(*)	(1)	(*)	(*)	2.8	(*)	(*)	20.4	(*)	(*)
5	Lawrence—Haverhill	114.2	(*)	(*)	(1)	(*)	(*)	2.3	(*)	(*)	46.5	(*)	(*)
6	Lowell	78.0	(*)	(*)	(1)	(*)	(*)	2.2	(*)	(*)	28.9	(*)	(*)
7	New Bedford	63.3	(*)	(*)	(1)	(*)	(*)	1.1	(*)	(*)	25.7	(*)	(*)
8	Springfield—Chicopee—Holyoke	234.0	(*)	(*)	(1)	(*)	(*)	5.1	(*)	(*)	63.0	(*)	(*)
9	Worcester	163.8	(*)	(*)	(1)	(*)	(*)	4.3	(*)	(*)	47.7	(*)	(*)
10	**MICHIGAN** [1]	3,351.9	3,214.5	3,218.2	11.6	11.3	11.1	92.8	82.4	78.2	978.7	894.8	897.6
11	Ann Arbor [1]	139.1	131.9	133.9	(1)	(1)	(1)	2.3	1.8	1.8	38.3	35.4	34.9
12	Battle Creek [1]	61.8	61.0	60.3	(1)	(1)	(1)	1.2	1.1	1.1	19.5	18.9	18.3
13	Bay City [1]	34.1	33.7	33.8	(1)	(1)	(1)	.9	1.0	1.0	9.1	8.6	9.4
14	Detroit [1]	1,622.4	1,550.1	1,542.5	1.0	.8	.8	42.3	38.6	36.6	470.6	422.0	424.6
15	Flint [1]	189.3	180.2	175.2	(1)	(1)	(1)	4.3	5.0	4.2	74.3	67.5	63.7
16	Grand Rapids [1]	264.6	261.0	261.9	(1)	(1)	(1)	9.4	8.9	8.7	88.6	86.2	86.3
17	Jackson [1]	50.5	49.1	49.0	(1)	(1)	(1)	1.0	1.0	.8	14.1	13.6	13.6
18	Kalamazoo—Portage [1]	109.2	107.2	107.4	(1)	(1)	(1)	3.7	3.5	3.4	31.9	30.7	30.4
19	Lansing—East Lansing [1]	191.1	186.4	189.2	(1)	(1)	(1)	4.7	3.2	2.8	38.7	36.3	39.2
20	Muskegon—Norton Shores—Musk. Hts [1]	58.0	57.2	57.5	(1)	(1)	(1)	1.7	1.7	1.6	19.7	19.1	19.4
21	Saginaw [1]	84.7	80.2	79.4	(1)	(1)	(1)	2.2	1.9	1.9	30.2	25.9	25.0
22	**MINNESOTA** [1]	1,728.7	1,710.1	1,709.8	14.8	13.4	12.8	55.8	55.2	52.4	354.9	346.0	345.1
23	Duluth—Superior [1]	57.8	55.8	55.4	(1)	(1)	(1)	1.6	1.3	1.1	7.2	7.0	7.0
24	Minneapolis—St. Paul [1]	1,079.5	1,367.8	1,071.0	(1)	(1)	(1)	35.5	32.0	30.7	239.1	236.3	237.6
25	Rochester [1]	49.8	50.6	50.4	(2)	(2)	(2)	1.4	1.4	1.4	10.0	10.1	10.0
26	St. Cloud [1]	54.3	53.8	53.6	(1)	(1)	(1)	2.4	2.2	2.0	11.8	11.3	11.2
27	**MISSISSIPPI**	813.7	806.9	808.6	11.6	12.8	12.9	39.0	39.7	40.2	218.8	213.1	212.4
28	Jackson	146.4	145.6	146.3	1.8	2.1	2.1	6.3	5.0	5.4	18.8	17.9	18.0
29	**MISSOURI**	1,925.5	1,922.3	1,919.7	6.8	6.9	6.7	71.9	72.6	71.7	419.2	416.1	414.9
30	Kansas City	610.2	598.8	598.6	.5	.5	.5	21.1	18.0	18.1	111.5	111.4	111.6
31	St. Joseph	36.8	34.8	35.1	(2)	(2)	(2)	1.6	1.4	1.5	9.2	7.9	8.0
32	St. Louis	982.4	965.9	959.3	3.3	3.4	3.3	40.0	35.9	35.0	232.8	224.3	222.9
33	Springfield	85.3	84.1	85.0	(2)	(2)	(2)	2.8	2.5	2.5	17.4	17.8	17.6
34	**MONTANA**	273.1	289.8	290.5	10.5	11.7	11.8	9.9	13.0	13.0	22.7	23.1	22.7
35	Billings	46.3	48.7	48.8	(1)	(1)	(1)	1.6	2.3	2.3	4.2	4.2	4.3
36	Great Falls	28.3	29.9	30.2	(1)	(1)	(1)	1.0	1.2	1.4	1.3	1.5	1.5
37	**NEBRASKA**	611.7	609.4	609.3	1.4	1.4	1.4	23.9	23.7	20.1	94.2	91.6	91.0
38	Lincoln	99.2	96.6	97.7	(2)	(2)	(2)	3.2	2.6	2.5	13.0	12.6	12.7
39	Omaha	260.0	257.8	257.6	(2)	(2)	(2)	9.0	7.7	7.5	35.2	34.6	34.6
40	**NEVADA**	401.3	410.2	412.5	7.6	7.7	7.6	25.3	22.9	22.8	19.4	20.6	20.7
41	Las Vegas	224.7	229.7	231.1	.5	.6	.6	14.2	13.9	13.8	7.0	7.6	7.6
42	Reno	111.9	114.0	114.8	.9	.7	.7	6.5	5.4	5.5	8.2	8.4	8.5
43	**NEW HAMPSHIRE**	(*)	388.6	386.5	(2)	(2)	(2)	(*)	20.2	19.7	(*)	114.1	113.0
44	Manchester	(*)	74.2	74.2	(*)	(2)	(2)	(*)	2.6	2.5	(*)	16.7	16.9
45	Nashua	(*)	67.0	66.8	(*)	(2)	(2)	(*)	2.4	2.4	(*)	30.5	30.3
46	**NEW JERSEY**	(*)	3,028.4	3,027.9	(*)	2.2	2.2	(*)	102.3	99.6	(*)	746.0	745.0
47	Atlantic City	(*)	97.2	96.7	-	-	-	(*)	5.1	5.0	(*)	7.1	7.2
48	Camden [1]	(*)	340.8	339.2	(*)	.1	.1	(*)	11.9	11.2	(*)	69.2	69.0
49	Hackensack [1]	(*)	393.7	391.1	(*)	(1)	(1)	(*)	13.7	13.1	(*)	107.4	106.8
50	Jersey City [1]	(*)	220.6	220.4	-	-	-	(*)	4.9	4.7	(*)	64.4	64.3
51	Long Branch—Asbury Park	(*)	165.1	164.8	(*)	(1)	(1)	(*)	6.5	6.3	(*)	24.8	24.9
52	New Bruns. Perth Amboy Sayreville [1]	(*)	285.6	286.9	(*)	(1)	(1)	(*)	10.5	10.0	(*)	86.4	87.1
53	Newark [1]	(*)	934.8	931.4	(*)	.9	.9	(*)	29.5	27.8	(*)	239.5	237.8
54	Paterson—Clifton—Passaic [1]	(*)	185.9	185.8	(*)	(1)	(1)	(*)	5.8	5.7	(*)	65.3	65.5
55	Trenton	(*)	160.2	159.3	(*)	(1)	(1)	(*)	3.2	3.0	(*)	32.0	31.4
56	Vineland—Millville—Bridgeton	(*)	52.0	52.0	(*)	(1)	(1)	(*)	1.8	1.8	(*)	16.6	16.7
57	**NEW MEXICO**	467.1	470.9	471.7	30.3	31.0	30.7	31.1	30.6	30.2	33.6	33.2	33.0
58	Albuquerque	185.8	186.7	186.6	(1)	(1)	(1)	11.4	10.9	11.0	17.4	17.1	17.0
59	Las Cruces	29.8	30.8	30.7	-	-	-	1.7	1.7	1.7	2.5	2.6	2.6
60	**NEW YORK**	7,142.6	7,183.0	7,200.9	5.4	5.6	5.4	176.3	187.9	182.3	1,416.4	1,386.7	1,397.7
61	Albany—Schenectady—Troy	335.9	331.2	333.3	(1)	(1)	(1)	8.3	7.9	7.5	56.5	53.4	52.9
62	Binghamton	115.4	118.6	118.5	(1)	(1)	(1)	3.2	3.2	3.1	41.8	44.1	43.7

See footnotes at end of table.

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	
118.4	(*)	(*)	555.1	(*)	(*)	159.2	(*)	(*)	646.8	(*)	(*)	406.6	(*)	(*)	1
71.3	(*)	(*)	312.6	(*)	(*)	110.1	(*)	(*)	430.3	(*)	(*)	208.3	(*)	(*)	2
3.7	(*)	(*)	15.0	(*)	(*)	2.0	(*)	(*)	10.4	(*)	(*)	12.0	(*)	(*)	3
1.8	(*)	(*)	11.2	(*)	(*)	2.7	(*)	(*)	8.8	(*)	(*)	7.5	(*)	(*)	4
4.9	(*)	(*)	21.3	(*)	(*)	4.1	(*)	(*)	17.9	(*)	(*)	17.2	(*)	(*)	5
3.2	(*)	(*)	16.1	(*)	(*)	2.1	(*)	(*)	12.6	(*)	(*)	12.9	(*)	(*)	6
2.3	(*)	(*)	12.0	(*)	(*)	2.0	(*)	(*)	9.8	(*)	(*)	10.4	(*)	(*)	7
9.2	(*)	(*)	47.4	(*)	(*)	13.0	(*)	(*)	46.8	(*)	(*)	49.5	(*)	(*)	8
7.1	(*)	(*)	35.0	(*)	(*)	9.6	(*)	(*)	35.3	(*)	(*)	24.8	(*)	(*)	9
145.8	140.2	138.7	695.8	678.3	668.0	154.9	151.3	151.1	641.6	649.8	653.6	630.8	630.3	620.0	10
3.3	3.4	3.4	20.1	19.4	19.0	4.0	3.9	3.8	23.5	24.3	24.2	47.6	43.7	46.7	11
2.2	2.2	2.2	10.6	10.6	10.4	4.3	4.3	4.3	11.5	11.9	11.9	12.7	12.0	12.2	12
1.7	1.7	1.7	8.2	8.7	8.7	1.4	1.3	1.3	6.9	7.4	7.4	5.7	5.0	5.3	13
77.6	74.4	70.3	349.2	348.1	341.9	88.9	87.3	87.2	342.6	343.2	342.7	250.2	235.7	238.5	14
6.1	5.8	5.7	39.8	38.8	38.1	6.3	6.4	6.4	28.9	28.2	28.3	29.7	28.5	28.8	15
11.1	11.0	11.0	61.7	63.5	63.0	11.0	10.8	10.9	50.6	50.1	51.1	32.2	30.5	31.2	16
5.0	5.1	5.1	13.2	10.0	9.8	1.6	1.6	1.6	9.6	9.7	9.4	9.0	8.1	8.7	17
4.0	4.3	4.3	22.1	21.7	21.6	3.9	4.0	4.0	22.1	22.3	22.4	21.5	20.6	21.3	18
5.5	5.6	5.6	34.6	35.1	34.9	9.3	9.3	9.2	29.8	30.0	30.5	68.7	66.9	66.9	19
3.1	3.1	3.1	11.0	11.4	11.2	1.4	1.4	1.4	10.2	10.1	10.1	11.0	10.6	10.7	20
4.9	4.9	4.9	17.6	18.3	18.1	4.1	4.0	3.9	13.9	14.4	14.5	12.1	10.8	11.0	21
97.4	95.4	95.3	425.9	427.5	423.8	96.2	98.1	97.9	373.8	377.7	379.5	310.0	296.8	303.0	22
5.7	5.2	5.0	15.2	14.8	14.6	2.4	2.2	2.2	13.4	13.4	13.3	12.3	11.9	12.0	23
62.6	61.4	61.2	263.9	266.2	264.1	71.4	73.1	73.0	244.0	242.6	244.8	162.9	156.1	159.7	24
1.9	1.9	1.9	9.6	10.4	10.2	1.5	1.5	1.5	19.4	20.0	20.0	6.0	5.2	5.3	25
3.4	3.3	3.3	13.0	13.4	13.1	2.0	1.9	1.9	9.7	10.4	10.4	11.9	11.4	11.6	26
39.6	40.4	40.3	158.3	161.4	160.7	32.4	33.0	32.9	120.0	121.0	121.2	194.1	185.4	187.9	27
9.9	10.0	10.0	34.2	34.7	34.6	11.1	11.1	11.1	29.4	30.1	30.2	34.9	34.7	34.8	28
136.7	135.2	135.6	450.1	457.0	452.0	106.8	108.0	107.9	390.1	398.9	400.3	343.9	327.6	330.7	29
51.9	50.1	50.1	157.3	155.4	153.4	43.8	44.1	44.0	127.4	128.8	129.0	96.2	90.5	91.9	30
2.2	2.1	2.1	8.9	8.7	8.6	1.8	2.0	2.0	6.7	6.6	6.6	6.4	6.1	6.3	31
71.8	69.7	69.3	222.1	224.9	221.0	56.6	56.6	56.4	217.0	219.2	218.1	138.7	131.9	133.3	32
7.0	7.1	7.1	22.9	22.6	22.6	3.5	3.6	3.5	19.3	19.2	19.6	12.4	11.3	12.1	33
22.0	23.1	23.4	69.4	76.3	76.2	12.7	12.5	12.4	55.2	57.9	57.5	70.6	72.2	73.4	34
4.3	4.5	4.5	15.2	16.1	16.1	2.4	2.5	2.5	11.0	11.6	11.6	7.7	7.4	7.5	35
1.9	2.1	2.1	9.0	10.1	10.0	2.1	2.2	2.2	7.1	7.3	7.1	6.0	5.7	5.9	36
46.8	44.6	43.9	157.2	159.9	159.2	40.7	41.4	41.2	116.7	119.5	120.3	130.7	130.3	132.2	37
7.2	6.7	6.6	21.9	22.8	22.5	6.8	7.0	7.0	17.4	17.1	17.3	29.6	27.8	29.1	38
23.9	23.8	23.3	65.5	65.5	65.2	24.8	24.3	23.9	58.8	59.1	59.6	42.6	43.1	43.3	39
24.4	25.3	25.4	81.1	85.9	85.1	17.9	18.2	18.2	167.9	173.1	174.3	57.7	56.5	58.4	40
13.6	14.0	14.1	47.3	49.2	48.8	10.3	10.4	10.5	105.7	107.4	108.2	26.6	26.6	27.5	41
8.1	8.2	8.2	24.3	26.2	25.9	5.9	6.0	6.0	41.4	43.4	43.5	16.6	15.7	16.5	42
(*)	14.4	14.3	(*)	86.9	85.9	(*)	20.6	20.6	(*)	76.4	76.5	(*)	56.0	56.5	43
(*)	4.8	4.8	(*)	19.9	19.8	(*)	6.3	6.3	(*)	15.7	15.7	(*)	8.2	8.2	44
(*)	2.1	2.2	(*)	14.0	13.9	(*)	2.0	2.0	(*)	13.6	13.6	(*)	5.4	5.4	45
(*)	190.5	191.1	(*)	679.8	673.5	(*)	162.2	161.3	(*)	626.3	628.4	(*)	519.4	526.8	46
(*)	3.9	3.9	(*)	16.9	16.6	(*)	4.7	4.7	(*)	43.4	43.2	(*)	16.1	16.1	47
(*)	15.0	15.1	(*)	88.8	87.8	(*)	17.1	16.9	(*)	72.2	72.3	(*)	66.5	66.8	48
(*)	20.3	20.3	(*)	115.4	112.7	(*)	17.9	17.9	(*)	77.6	77.8	(*)	41.4	42.5	49
(*)	24.1	24.4	(*)	44.9	44.5	(*)	8.5	8.5	(*)	32.5	32.8	(*)	41.3	41.2	50
(*)	6.8	6.7	(*)	40.3	39.8	(*)	7.8	7.8	(*)	42.8	43.0	(*)	36.1	36.3	51
(*)	23.4	23.7	(*)	66.8	67.0	(*)	11.6	11.6	(*)	43.3	43.6	(*)	43.6	43.9	52
(*)	74.5	74.5	(*)	181.0	178.9	(*)	65.9	65.4	(*)	203.2	203.1	(*)	143.3	146.0	53
(*)	6.1	6.3	(*)	39.5	39.3	(*)	9.0	8.9	(*)	33.9	34.0	(*)	26.3	26.1	54
(*)	5.3	5.3	(*)	24.3	23.9	(*)	8.5	8.5	(*)	41.7	41.7	(*)	45.2	45.5	55
(*)	3.1	3.1	(*)	8.8	8.7	(*)	2.5	2.5	(*)	8.6	8.6	(*)	10.6	10.6	56
28.8	28.8	28.9	101.6	108.0	106.7	21.0	21.7	21.7	92.6	92.8	93.4	128.1	124.8	127.1	57
11.9	11.5	11.5	46.2	48.5	48.0	10.7	10.9	10.8	44.3	46.1	46.2	43.9	41.7	42.0	58
1.2	1.2	1.2	5.2	5.7	5.6	1.2	1.2	1.2	4.1	4.2	4.2	13.9	14.2	14.2	59
426.5	422.9	423.5	1,424.1	1,440.0	1,421.5	641.9	659.1	658.8	1,742.1	1,785.5	1,799.5	1,307.9	1,295.3	1,307.1	60
15.2	15.2	15.2	66.8	67.1	67.4	15.7	15.9	15.8	72.5	73.6	74.2	100.9	98.0	100.3	61
4.6	4.6	4.6	23.7	20.9	20.8	4.1	4.2	4.2	17.9	19.7	19.8	23.2	21.8	22.4	62

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

	State and area	Total			Mining			Construction			Manufacturing		
		FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P
	NEW YORK—Continued												
1	Buffalo	488.8	475.7	474.5	(1)	(1)	(1)	12.1	12.2	11.7	129.4	121.2	119.5
2	Elmira	36.2	35.7	35.5	(1)	(1)	(1)	.7	.7	.7	11.3	10.7	10.5
3	Monroe County	338.0	341.4	342.0	(1)	(1)	(1)	7.9	8.4	8.3	136.2	136.6	137.6
4	Nassau—Suffolk	899.9	903.7	901.6	(1)	(1)	(1)	29.5	30.8	29.9	166.4	165.7	165.6
5	New York—Northeastern New Jersey	6,652.7	(*)	(*)	2.8	(*)	(*)	182.5	(*)	(*)	1,321.6	(*)	(*)
6	New York and Nassau—Suffolk	4,647.4	4,685.4	4,694.8	1.9	1.9	1.9	121.5	127.7	125.4	739.6	715.2	727.1
7	New York SMSA	3,747.5	3,781.7	3,793.2	1.6	1.7	1.7	91.9	96.9	95.5	573.2	549.5	561.5
8	New York City	3,307.9	3,340.4	3,347.6	1.5	1.4	1.4	76.7	79.2	78.2	482.5	462.9	471.2
9	Poughkeepsie	97.5	100.2	101.1	(1)	(1)	(1)	2.0	2.5	2.6	31.9	33.1	33.1
10	Rochester	412.0	416.5	416.6	(1)	(1)	(1)	9.2	9.9	9.8	155.0	158.3	156.5
11	Rockland County	79.3	81.2	81.0	(1)	(1)	(1)	2.1	[illegible]	2.4	15.1	15.6	15.5
12	Syracuse	256.4	252.4	253.9	(1)	(1)	(1)	7.6	6.5	7.8	58.9	57.8	57.3
13	Utica—Rome	110.8	112.3	111.8	(1)	(1)	(1)	2.0	2.3	1.9	28.7	29.3	29.3
14	Westchester County	348.2	347.8	352.3	(1)	(1)	(1)	12.6	14.5	14.4	74.2	69.8	73.5
15	**NORTH CAROLINA**	2,369.6	2,337.7	2,342.2	4.9	4.6	4.7	106.0	99.3	102.9	814.5	791.2	785.7
16	Asheville	70.1	69.6	69.5	(1)	(1)	(1)	2.8	2.7	2.8	21.6	21.2	21.0
17	Charlotte—Gastonia	337.5	333.6	334.4	(1)	(1)	(1)	17.4	17.1	17.8	94.1	92.4	92.3
18	Greensboro—Winston-Salem—High Pt	387.6	385.7	386.0	(1)	(1)	(1)	15.6	15.1	15.6	149.3	146.5	145.3
19	Raleigh—Durham	278.2	273.5	276.3	(1)	(1)	(1)	13.0	12.0	12.2	45.3	45.1	44.9
20	**NORTH DAKOTA**	238.7	244.6	245.5	9.2	11.8	11.8	10.9	11.3	10.6	14.6	15.0	15.0
21	Fargo—Moorhead	60.7	61.3	61.9	(2)	(2)	(2)	2.3	2.3	2.2	4.7	4.5	5.0
22	**OHIO**	4,251.3	4,190.3	4,176.0	30.4	31.8	31.7	131.7	126.5	122.5	1,225.8	1,167.1	1,151.3
23	Akron	254.6	252.2	252.5	(*)	(*)	(*)	5.9	6.0	5.7	75.8	73.0	72.7
24	Canton	154.3	152.9	152.6	(*)	(*)	(*)	4.1	4.3	4.3	54.8	52.7	52.3
25	Cincinnati	586.1	576.7	575.8	(*)	(*)	(*)	20.2	19.0	19.1	159.1	151.9	149.5
26	Cleveland	867.1	856.1	854.6	(*)	(*)	(*)	23.8	23.8	23.4	247.1	238.3	237.3
27	Columbus	501.2	499.9	499.8	(*)	(*)	(*)	15.4	14.7	14.2	94.0	91.0	90.5
28	Dayton	349.3	349.0	345.8	(*)	(*)	(*)	10.8	9.3	8.9	98.4	95.7	93.3
29	Toledo	283.1	281.9	282.0	(*)	(*)	(*)	9.8	9.5	9.0	71.4	68.5	69.1
30	Youngstown—Warren	194.2	191.8	185.3	(*)	(*)	(*)	5.5	5.3	5.1	65.4	63.6	56.3
31	**OKLAHOMA**	1,161.7	1,203.6	1,201.6	87.9	104.1	103.9	50.7	49.6	48.9	194.7	196.2	193.5
32	Enid	(*)	26.3	27.0	(*)	2.8	3.3	(*)	1.3	1.2	(*)	2.6	3.1
33	Lawton	(*)	29.5	29.7	(*)	(1)	(1)	(*)	1.3	1.3	(*)	3.0	3.0
34	Oklahoma City	408.7	426.3	425.8	24.4	29.0	29.1	18.7	19.8	19.2	55.5	54.8	57.4
35	Tulsa	312.1	325.9	325.8	25.0	27.9	28.3	14.8	15.0	14.8	65.8	68.9	68.9
36	**OREGON** [3]	1,007.0	970.8	972.3	1.8	1.7	1.8	36.7	29.9	30.5	194.6	189.1	187.9
37	Eugene—Springfield [3]	100.6	98.2	95.8	(1)	(1)	(1)	4.0	3.1	3.1	18.7	16.7	16.4
38	Jackson County	-	-	-	-	-	-	-	-	-	6.8	5.6	
39	Portland [3]	531.6	527.2	527.4	(1)	(1)	(1)	20.4	18.5	19.2	100.9	102.3	101.7
40	Salem	84.6	81.3	(*)	(1)	(1)	(*)	3.8	3.3	(*)	11.3	10.8	(*)
41	**PENNSYLVANIA**	4,662.2	4,577.2	4,572.9	46.6	47.2	46.7	154.7	153.5	148.4	1,292.2	1,241.4	1,223.8
42	Allentown—Bethlehem—Easton	260.2	255.8	253.9	(1)	(1)	(1)	7.2	7.0	6.5	104.1	99.8	99.5
43	Altoona	48.2	47.3	46.9	(1)	(1)	(1)	1.5	2.0	1.9	11.9	11.4	11.8
44	Delaware Valley	1,575.8	1,546.1	1,545.8	(1)	(1)	(1)	55.9	53.6	51.8	359.9	347.0	345.1
45	Erie	109.7	107.3	106.5	(1)	(1)	(1)	2.4	2.9	2.7	40.7	40.4	40.0
46	Harrisburg	221.2	222.3	223.5	(1)	(1)	(1)	6.9	6.2	6.2	41.5	41.2	41.7
47	Johnstown	82.1	79.2	78.6	8.0	9.1	8.0	2.2	1.9	1.8	17.7	15.5	15.1
48	Lancaster	149.9	149.2	149.5	(1)	(1)	(1)	6.0	5.5	5.4	58.0	58.0	57.1
49	Northeast Pennsylvania	234.9	231.8	231.5	1.1	1.1	1.1	9.0	9.6	9.2	68.1	66.4	66.4
50	Philadelphia SMSA	1,909.5	1,887.1	1,885.4	(1)	(1)	(1)	67.1	65.3	63.0	429.5	416.4	414.3
51	Philadelphia City	781.6	758.8	759.6	(1)	(1)	(1)	19.1	17.9	17.4	129.6	125.4	124.8
52	Pittsburgh	923.0	903.5	899.8	9.8	9.6	9.5	36.7	37.5	36.9	238.1	219.4	215.2
53	Reading	137.3	137.1	136.9	(1)	(1)	(1)	4.1	4.3	4.3	52.9	52.6	52.1
54	Scranton [12]	84.9	(*)	(*)	(1)	(*)	(*)	1.6	(*)	(*)	26.9	(*)	(*)
55	Wilkes-Barre—Hazleton [13]	121.3	(*)	(*)	1.0	(*)	(*)	4.3	(*)	(*)	36.5	(*)	(*)
56	Williamsport	45.8	45.7	45.6	(1)	(1)	(1)	1.0	.9	.8	15.7	15.9	15.9
57	York	153.1	153.1	(*)	(1)	(1)	(*)	6.0	5.9	(*)	63.8	63.7	(*)
58	**RHODE ISLAND**	392.7	386.1	387.2	(1)	(1)	(1)	9.5	9.0	9.6	126.8	119.9	118.8
59	Providence—Warwick—Pawtucket	400.3	394.4	393.3	(1)	(1)	(1)	9.5	9.9	9.6	139.5	132.7	131.4
60	**SOUTH CAROLINA**	1,186.9	1,172.9	1,176.3	(1)	(1)	(1)	70.0	64.3	65.3	387.4	374.4	371.3
61	Charleston—North Charleston	149.9	149.6	150.4	(1)	(1)	(1)	10.4	9.5	9.7	20.3	20.1	19.9
62	Columbia	181.2	178.7	179.7	(1)	(1)	(1)	8.5	8.3	8.5	27.2	26.6	26.2
63	Greenville—Spartanburg	266.8	266.6	(*)	(1)	(1)	(*)	15.8	15.9	(*)	102.0	100.2	(*)

See footnotes at end of table.

B-8. Employees on nonagricultural payrolls for States and selected areas, by industry division—Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	
26.0	25.2	24.8	107.7	106.9	105.8	22.1	22.3	22.3	104.3	105.1	106.4	87.2	82.8	83.9	1
1.3	1.3	1.3	9.4	8.6	8.6	1.1	1.2	1.2	7.1	7.1	7.1	6.5	6.2	6.2	2
10.2	10.2	10.2	58.2	59.9	59.5	13.9	14.4	14.3	70.0	70.4	71.6	41.5	39.4	40.4	3
39.6	41.3	41.5	229.6	232.9	230.6	52.4	52.6	52.7	204.9	210.4	209.5	177.5	170.0	171.8	4
469.4	(*)	(*)	1,374.4	(*)	(*)	622.1	(*)	(*)	1,590.5	(*)	(*)	1,079.4	(*)	(*)	5
318.1	314.8	315.3	934.1	941.8	935.1	537.9	553.0	552.7	1,231.2	1,271.4	1,274.4	763.2	759.7	763.0	6
278.5	273.5	273.7	704.5	708.6	704.5	485.5	500.5	500.0	1,026.5	1,061.3	1,065.4	585.7	589.7	591.1	7
255.6	250.1	250.4	692.8	695.6	691.7	463.4	477.9	477.5	919.3	952.1	955.0	506.2	511.1	512.1	8
2.7	2.9	2.9	16.0	16.2	16.2	2.8	2.8	2.9	18.6	18.9	19.3	23.5	23.7	24.1	9
12.7	12.5	12.5	74.6	77.4	76.7	15.4	15.9	15.8	82.0	82.1	83.5	62.0	60.4	61.8	10
3.3	3.4	3.4	17.3	17.5	17.4	2.6	2.7	2.7	18.0	18.2	18.2	21.0	21.2	21.5	11
14.2	14.1	14.1	54.9	55.5	55.0	16.1	16.2	16.3	55.0	52.1	54.7	49.7	48.1	48.7	12
3.9	3.9	3.9	21.7	22.2	21.8	5.4	5.5	5.5	20.6	20.9	20.9	28.6	28.6	28.9	13
19.1	19.4	19.3	81.5	82.6	82.4	19.0	19.4	19.3	86.5	88.1	89.0	55.3	54.1	54.3	14
115.3	115.4	115.6	464.7	465.1	461.8	96.5	98.1	98.3	343.8	350.9	352.7	421.9	412.1	418.5	15
3.7	3.6	3.6	15.3	15.4	15.3	2.3	2.5	2.5	12.8	12.1	12.2	11.9	12.1	12.1	16
31.2	31.0	31.2	82.2	80.3	79.7	21.2	21.5	21.5	53.2	54.3	54.1	38.2	37.0	37.8	17
20.9	21.3	21.1	76.6	77.1	76.0	18.4	18.7	18.7	59.3	60.4	60.9	47.8	46.9	47.4	18
13.2	13.7	13.7	52.8	52.7	52.3	15.6	16.0	15.9	61.3	59.8	60.5	77.0	74.2	76.8	19
16.9	16.9	17.0	63.5	65.1	64.6	11.5	11.8	11.8	50.6	52.5	52.8	61.5	60.5	61.3	20
4.0	3.9	3.8	18.1	18.5	18.4	3.8	3.9	3.9	14.2	14.8	14.8	13.6	13.5	13.8	21
213.6	213.4	212.9	917.0	920.9	909.5	202.8	204.5	204.5	831.3	849.7	858.2	698.6	676.4	685.6	22
13.7	13.5	13.6	55.2	56.6	55.7	9.1	9.1	9.1	49.9	51.3	51.5	44.4	42.2	43.7	23
7.0	7.0	7.0	31.9	32.6	32.1	6.3	6.3	6.3	29.4	29.6	29.8	19.5	19.0	19.1	24
32.8	32.8	32.8	136.5	136.5	135.1	32.2	31.9	31.8	119.6	120.8	121.8	86.5	83.5	85.5	25
43.2	44.1	43.4	195.6	194.3	191.7	47.5	47.6	47.5	187.3	190.2	192.3	121.2	116.8	117.7	26
23.9	23.6	23.7	116.5	119.2	117.4	38.6	40.2	40.4	105.6	107.8	108.5	106.6	102.7	104.2	27
13.0	13.0	13.0	71.0	71.8	70.7	13.3	13.7	13.7	73.9	75.2	75.7	70.7	70.0	70.5	28
18.6	18.7	18.8	63.8	64.4	63.6	10.6	10.5	10.5	60.7	64.0	64.2	47.7	45.8	46.4	29
9.0	8.9	8.9	42.4	42.6	42.2	7.0	7.1	7.2	38.3	38.3	38.6	25.2	25.2	25.8	30
68.3	67.2	67.6	265.2	281.2	278.1	57.1	58.9	58.9	196.8	203.9	206.2	241.0	242.5	244.5	31
(*)	2.7	2.7	(*)	7.2	7.1	(*)	1.2	1.2	(*)	4.5	4.6	(*)	3.8	3.8	32
(*)	1.4	1.4	(*)	7.2	7.3	(*)	1.2	1.2	(*)	4.7	4.7	(*)	10.7	10.8	33
23.7	24.1	24.3	99.3	105.5	105.1	25.4	26.6	26.8	70.7	74.0	75.2	91.0	92.5	93.7	34
23.6	23.7	23.6	71.2	74.2	73.5	15.3	16.0	15.7	62.1	64.9	65.5	34.3	35.3	35.6	35
59.0	57.4	56.9	247.0	242.1	240.1	68.6	65.3	65.3	191.7	184.7	186.1	207.6	200.6	203.7	36
5.2	4.7	4.7	24.9	24.4	24.0	5.2	5.4	5.3	19.7	19.0	19.1	22.9	22.9	23.2	37
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	38
35.6	36.3	35.6	137.9	137.3	136.8	45.1	44.5	44.5	110.6	108.5	108.8	81.1	79.8	80.6	39
2.8	2.7	(*)	18.9	18.2	(*)	5.4	5.5	(*)	14.9	14.9	(*)	27.5	25.8	(*)	40
258.1	247.3	247.4	963.0	964.8	959.6	237.6	239.4	239.0	979.6	992.5	1,002.3	730.4	691.1	701.0	41
13.6	13.7	13.8	51.3	51.0	50.7	9.5	9.5	9.5	44.7	45.4	45.5	29.8	29.4	29.4	42
6.8	5.5	5.3	10.4	10.5	10.3	1.5	1.5	1.5	8.5	8.6	8.6	7.6	7.7	7.6	43
81.7	78.5	78.4	327.7	326.0	322.1	110.1	112.1	112.3	400.7	403.0	408.9	239.9	225.9	227.2	44
5.0	4.8	4.8	21.1	20.8	20.6	4.9	4.8	4.8	21.8	22.3	22.4	13.8	10.9	11.2	45
17.1	16.1	16.2	44.7	45.1	45.1	12.8	12.9	13.0	38.9	40.7	41.1	59.3	60.1	61.2	46
5.1	4.8	4.8	15.1	15.1	14.8	3.9	3.9	4.0	15.4	15.6	15.4	14.7	14.3	14.7	47
6.1	5.9	6.0	32.4	32.2	32.1	5.6	6.1	6.1	25.9	27.1	27.4	15.9	14.4	15.4	48
12.8	12.4	12.5	49.2	48.8	47.2	9.7	10.0	10.0	45.8	46.8	47.1	39.2	36.9	38.0	49
96.4	93.6	93.6	412.4	414.9	410.3	127.2	129.2	129.2	469.6	475.2	481.3	307.3	292.5	294.0	50
51.7	49.4	49.4	143.9	141.6	140.6	66.5	66.3	66.0	222.7	218.6	222.7	148.1	139.9	138.7	51
54.9	53.0	52.5	205.3	206.4	204.3	46.0	45.8	45.6	213.7	217.3	217.8	118.8	114.8	115.3	52
6.3	6.6	6.5	27.3	27.7	27.3	6.2	6.5	6.4	23.2	23.5	23.7	17.3	16.2	16.9	53
3.9	(*)	(*)	18.6	(*)	(*)	3.6	(*)	(*)	18.4	(*)	(*)	11.9	(*)	(*)	54
7.1	(*)	(*)	25.6	(*)	(*)	5.2	(*)	(*)	19.9	(*)	(*)	19.4	(*)	(*)	55
2.3	2.3	2.3	9.7	9.7	9.6	2.1	2.2	2.2	8.1	8.3	8.3	6.9	6.4	6.5	56
7.1	7.4	(*)	33.1	32.5	(*)	3.7	4.0	(*)	21.6	21.9	(*)	17.8	17.7	(*)	57
12.7	12.9	13.0	78.4	78.7	77.9	20.7	20.9	21.0	85.9	87.7	89.1	58.7	58.1	57.8	58
12.7	12.8	12.9	79.0	78.7	77.9	20.6	20.8	20.9	82.6	84.0	85.4	56.1	55.5	55.2	59
53.5	53.8	53.9	221.7	229.3	228.6	47.4	49.5	50.0	157.8	164.4	167.3	243.8	235.0	239.7	60
9.0	8.6	9.1	31.7	32.6	32.3	6.2	6.4	6.4	25.0	25.9	26.1	47.5	46.5	47.2	61
9.6	9.5	9.5	37.5	37.0	37.1	14.0	14.4	14.5	28.6	27.8	28.2	55.8	55.0	55.7	62
9.9	9.6	(*)	52.9	55.5	(*)	9.6	10.2	(*)	37.9	39.1	(*)	37.5	36.1	(*)	63

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

	State and area	Total			Mining			Construction			Manufacturing		
		FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P
1	**SOUTH DAKOTA**	230.1	227.9	228.7	2.7	2.8	2.8	7.3	6.8	6.4	24.9	25.9	26.0
2	Rapid City	30.2	(*)	(*)	(2)	(*)	(*)	1.6	(*)	(*)	2.7	(*)	(*)
3	Sioux Falls	53.4	54.2	54.0	(2)	(2)	(2)	2.0	1.8	1.8	7.4	7.5	7.4
4	**TENNESSEE**	1,723.9	1,701.4	1,699.3	9.5	9.9	9.9	68.6	71.6	73.4	498.2	489.8	485.5
5	Chattanooga	169.4	167.3	166.8	1.1	1.1	1.1	5.7	5.7	5.6	49.3	47.8	47.7
6	Knoxville	201.5	200.6	203.0	1.6	1.4	1.5	8.9	8.9	9.7	51.6	49.3	49.2
7	Memphis	356.3	349.8	350.9	.2	.1	.2	13.8	13.3	13.4	59.3	56.1	56.5
8	Nashville—Davidson	(*)	352.7	352.6	(*)	(1)	(1)	(*)	14.8	15.1	(*)	80.5	80.6
9	**TEXAS**	6,000.7	6,243.9	6,280.3	269.7	307.6	311.2	411.2	429.0	436.7	1,089.9	1,102.1	1,105.6
10	Abilene	58.2	(*)	(*)	5.1	(*)	(*)	2.9	(*)	(*)	5.8	(*)	(*)
11	Amarillo	75.1	(*)	(*)	(1)	(*)	(*)	3.9	(*)	(*)	9.7	(*)	(*)
12	Austin	241.1	(*)	(*)	(1)	(*)	(*)	13.7	(*)	(*)	29.9	(*)	(*)
13	Beaumont—Port Arthur Orange	155.0	(*)	(*)	(1)	(*)	(*)	13.7	(*)	(*)	42.5	(*)	(*)
14	Corpus Christi	119.9	(*)	(*)	.2	(*)	(*)	11.8	(*)	(*)	16.2	(*)	(*)
15	Dallas—Fort Worth	1,482.5	1,522.8	1,533.3	28.4	31.5	31.5	79.9	77.3	78.9	328.1	326.0	326.5
16	El Paso	165.6	(*)	(*)	(1)	(*)	(*)	8.3	(*)	(*)	37.9	(*)	(*)
17	Galveston—Texas City	68.9	(*)	(*)	(1)	(*)	(*)	4.9	(*)	(*)	11.9	(*)	(*)
18	Houston	1,515.6	1,583.0	1,583.0	96.0	105.4	105.7	145.5	146.1	144.6	256.2	266.3	266.0
19	Longview—Marshall	67.4	(*)	(*)	(1)	(*)	(*)	4.2	(*)	(*)	18.8	(*)	(*)
20	Lubbock	89.4	(*)	(*)	(1)	(*)	(*)	3.9	(*)	(*)	12.2	(*)	(*)
21	Midland	47.5	(*)	(*)	12.3	(*)	(*)	3.3	(*)	(*)	4.6	(*)	(*)
22	Odessa	56.2	(*)	(*)	8.8	(*)	(*)	4.9	(*)	(*)	8.2	(*)	(*)
23	San Angelo	35.9	(*)	(*)	.9	(*)	(*)	2.2	(*)	(*)	6.3	(*)	(*)
24	San Antonio	406.7	411.0	411.7	2.9	3.5	3.6	26.6	25.9	26.1	51.3	52.0	51.6
25	Sherman—Denison	37.0	(*)	(*)	.3	(*)	(*)	1.5	(*)	(*)	13.3	(*)	(*)
26	Waco	71.4	(*)	(*)	(1)	(*)	(*)	3.3	(*)	(*)	16.5	(*)	(*)
27	Wichita Falls	53.8	(*)	(*)	3.5	(*)	(*)	2.3	(*)	(*)	10.4	(*)	(*)
28	**UTAH**	546.3	556.5	556.7	20.1	21.7	21.3	24.8	23.3	23.2	86.7	89.5	89.2
29	Salt Lake City—Ogden	385.6	391.3	391.5	7.9	8.1	8.0	16.9	15.6	15.3	59.6	61.4	61.2
30	**VERMONT**	200.5	200.1	200.4	.6	.5	.5	8.2	8.4	7.8	50.6	49.7	49.6
31	Burlington	58.1	58.7	59.4	-	-	-	-	-	-	15.3	15.9	15.8
32	Springfield	14.8	14.5	14.2	-	-	-	-	-	-	6.4	5.9	5.6
33	**VIRGINIA**	2,122.4	2,139.9	2,140.6	22.6	23.4	23.3	108.3	98.5	99.5	411.1	402.7	402.9
34	Bristol	26.5	26.5	26.4	(1)	(1)	(1)	.8	.7	.7	9.2	9.1	9.0
35	Lynchburg	70.4	69.9	69.8	(1)	(1)	(1)	2.6	2.4	2.3	28.6	28.5	28.2
36	Newport News—Hampton	147.1	147.4	147.7	(1)	(1)	(1)	6.3	6.1	6.2	35.3	33.7	33.9
37	Norfolk—Virginia Beach—Portsmouth	281.2	285.4	287.1	(1)	(1)	(1)	15.5	15.6	15.8	27.6	28.4	29.4
38	Northern Virginia	454.4	463.9	465.1	.4	.4	.4	26.4	23.2	24.2	19.7	20.7	20.8
39	Petersburgh—Colonial Hghts—Hopewell	44.7	44.8	44.8	(1)	(1)	(1)	1.9	1.7	1.7	10.8	10.1	10.0
40	Richmond	325.2	326.1	326.7	.3	.3	.2	16.7	16.4	16.8	56.3	55.5	55.5
41	Roanoke	102.6	100.7	100.7	.2	.2	.2	4.5	3.9	3.9	21.2	20.5	20.5
42	**WASHINGTON**	(*)	1,539.9	1,536.7	(*)	3.1	3.1	(*)	73.7	72.1	(*)	291.2	289.6
43	Seattle—Everett[3]	775.9	755.4	754.0	(1)	(1)	(1)	35.7	32.7	32.3	171.0	165.8	164.3
44	Spokane[3]	123.9	120.6	120.1	(1)	(1)	(1)	5.0	4.1	4.1	16.0	15.2	15.0
45	Tacoma[3]	140.4	(*)	(*)	(1)	(*)	(*)	6.1	(*)	(*)	22.0	(*)	(*)
46	**WEST VIRGINIA**[3]	624.7	609.3	608.6	65.5	66.3	65.8	24.3	18.3	18.8	112.4	104.5	103.7
47	Charleston[3]	109.2	108.9	108.7	6.7	6.7	6.7	4.6	3.6	3.7	16.8	16.3	16.3
48	Huntington—Ashland[3]	102.3	100.7	100.9	1.2	1.2	1.2	5.2	3.0	3.1	25.2	24.2	24.0
49	Parkersburg—Marietta[3]	57.5	56.8	56.9	1.2	1.4	1.4	2.7	2.1	2.2	16.6	16.2	16.1
50	Wheeling[3]	62.8	63.2	62.5	5.1	4.9	4.9	1.9	1.6	1.7	11.6	11.5	11.1
51	**WISCONSIN**	1,910.1	1,859.4	1,854.6	1.7	1.6	1.4	58.2	49.6	48.0	539.2	514.6	511.3
52	Appleton—Oshkosh	122.8	121.4	121.2	(1)	(1)	(1)	4.6	4.0	3.8	45.6	45.1	44.6
53	Eau Claire	48.4	47.3	48.1	(1)	(1)	(1)	1.7	1.4	1.3	8.6	8.7	8.6
54	Green Bay	77.0	76.9	76.1	(1)	(1)	(1)	2.5	2.4	2.3	20.9	20.9	20.6
55	Janesville—Beloit	51.5	46.5	46.6	(1)	(1)	(1)	1.7	1.1	1.1	20.6	15.5	15.5
56	Kenosha	38.3	40.8	39.8	(1)	(1)	(1)	1.9	1.3	1.3	12.5	15.8	14.8
57	La Crosse	45.5	44.9	45.2	(1)	(1)	(1)	1.3	1.2	1.2	10.6	10.0	10.0
58	Madison	169.0	167.5	167.3	(1)	(1)	(1)	5.6	5.2	5.2	19.7	19.7	19.5
59	Milwaukee	656.4	643.3	641.0	(1)	(1)	(1)	16.5	15.1	14.7	198.3	187.3	185.5
60	Racine	66.9	62.3	63.3	(1)	(1)	(1)	1.4	1.2	1.1	28.4	24.4	25.5
61	**WYOMING**	208.6	209.6	208.2	36.1	39.7	39.7	17.7	15.1	14.6	9.5	10.2	10.1
62	Casper	39.3	40.1	39.5	7.5	7.5	7.3	2.9	2.9	3.0	1.8	2.1	1.9
63	Cheyenne	30.4	30.1	29.5	(1)	(1)	(1)	2.0	1.5	1.5	1.5	1.3	1.3

See footnotes at end of table.

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	
12.8	13.1	13.2	62.2	62.4	62.5	11.1	11.1	11.3	50.1	48.9	48.9	59.0	56.9	57.6	1
1.8	(*)	(*)	8.5	(*)	(*)	1.5	(*)	(*)	6.8	(*)	(*)	7.3	(*)	(*)	2
4.6	4.6	4.6	15.8	15.9	15.7	3.3	3.5	3.4	13.4	14.0	14.1	6.9	6.9	7.0	3
84.8	82.5	83.8	367.8	366.1	362.1	78.1	75.4	75.5	293.3	308.5	308.0	323.6	297.6	301.1	4
7.6	7.6	7.6	33.7	34.2	34.1	9.7	9.6	9.6	29.1	29.2	29.2	33.2	32.1	31.9	5
8.2	8.1	8.0	42.0	43.8	43.9	8.6	8.6	8.7	32.9	33.7	33.8	47.7	46.8	48.2	6
27.3	26.7	26.7	95.8	96.4	95.7	20.1	19.9	19.9	73.2	75.1	75.0	66.6	62.2	63.5	7
(*)	20.2	20.2	(*)	77.0	76.0	(*)	23.6	23.6	(*)	76.5	76.7	(*)	60.1	60.4	8
373.0	391.6	392.9	1,451.2	1,561.4	1,555.2	340.5	352.0	353.1	1,054.3	1,102.9	1,116.1	1,010.9	997.3	1,009.5	9
3.1	(*)	(*)	15.8	(*)	(*)	2.8	(*)	(*)	13.2	(*)	(*)	9.5	(*)	(*)	10
6.9	(*)	(*)	22.4	(*)	(*)	3.9	(*)	(*)	15.4	(*)	(*)	12.9	(*)	(*)	11
7.2	(*)	(*)	50.8	(*)	(*)	14.3	(*)	(*)	43.5	(*)	(*)	81.7	(*)	(*)	12
12.1	(*)	(*)	33.8	(*)	(*)	5.4	(*)	(*)	27.0	(*)	(*)	20.5	(*)	(*)	13
7.4	(*)	(*)	30.9	(*)	(*)	5.9	(*)	(*)	21.1	(*)	(*)	26.4	(*)	(*)	14
95.1	99.0	99.7	387.3	406.6	404.6	111.8	116.8	117.1	266.2	283.4	290.1	185.7	182.2	184.9	15
10.4	(*)	(*)	39.0	(*)	(*)	7.4	(*)	(*)	26.6	(*)	(*)	36.0	(*)	(*)	16
6.7	(*)	(*)	12.9	(*)	(*)	4.5	(*)	(*)	10.9	(*)	(*)	17.1	(*)	(*)	17
106.3	109.5	109.3	360.3	381.8	381.4	89.9	94.9	95.0	292.3	309.0	309.1	169.1	170.0	171.9	18
3.9	(*)	(*)	15.6	(*)	(*)	2.4	(*)	(*)	14.9	(*)	(*)	7.6	(*)	(*)	19
5.1	(*)	(*)	26.8	(*)	(*)	4.9	(*)	(*)	17.0	(*)	(*)	19.5	(*)	(*)	20
2.7	(*)	(*)	10.8	(*)	(*)	2.3	(*)	(*)	6.9	(*)	(*)	4.6	(*)	(*)	21
2.6	(*)	(*)	15.8	(*)	(*)	1.9	(*)	(*)	7.5	(*)	(*)	6.5	(*)	(*)	22
3.4	(*)	(*)	8.6	(*)	(*)	1.5	(*)	(*)	6.5	(*)	(*)	6.5	(*)	(*)	23
18.1	19.3	19.4	102.1	103.0	102.3	27.3	27.5	27.6	83.9	84.8	85.5	94.5	95.0	95.6	24
2.4	(*)	(*)	7.2	(*)	(*)	1.2	(*)	(*)	5.9	(*)	(*)	5.2	(*)	(*)	25
3.4	(*)	(*)	16.7	(*)	(*)	4.3	(*)	(*)	15.7	(*)	(*)	11.5	(*)	(*)	26
2.8	(*)	(*)	12.9	(*)	(*)	2.3	(*)	(*)	8.6	(*)	(*)	11.0	(*)	(*)	27
33.5	34.7	34.9	126.0	129.1	127.5	26.1	26.5	26.5	102.2	105.7	106.5	126.9	126.1	127.6	28
26.3	26.9	27.2	94.4	96.2	95.2	21.0	21.5	21.6	69.3	71.4	71.9	90.2	90.2	91.1	29
8.4	8.6	8.5	40.2	42.2	41.6	8.1	8.2	8.2	46.9	46.5	46.5	37.5	36.0	37.7	30
2.3	2.4	2.3	12.0	12.4	12.3	-	-	-	12.1	12.2	12.3	-	-	-	31
.6	.6	.6	2.2	2.2	2.2	-	-	-	2.8	2.9	2.9	-	-	-	32
114.5	117.7	117.3	447.4	469.7	465.8	104.3	105.4	105.4	400.4	412.9	415.2	513.8	509.7	511.3	33
1.0	1.1	1.0	6.1	6.5	6.6	.9	.9	.9	3.3	3.4	3.4	5.1	4.8	4.8	34
2.7	2.7	2.7	12.1	12.2	12.1	3.3	3.3	3.2	10.9	10.8	11.1	10.2	10.1	10.1	35
4.8	5.0	5.1	28.1	28.5	28.4	4.6	4.7	4.7	27.6	28.9	29.1	40.4	40.4	40.3	36
19.2	20.0	20.1	67.6	69.1	69.0	14.6	14.8	14.9	56.3	58.1	58.4	80.4	79.3	79.5	37
31.9	31.3	31.4	108.5	114.2	112.9	28.3	28.8	28.8	121.5	125.7	126.6	117.8	119.7	120.0	38
1.3	1.3	1.3	8.6	8.9	9.0	1.2	1.2	1.2	6.5	7.0	7.0	14.3	14.6	14.7	39
19.5	19.8	19.8	75.4	76.8	76.5	26.4	25.9	26.0	58.2	59.7	60.0	72.5	71.7	71.8	40
9.8	9.8	9.8	24.6	24.9	24.9	6.1	6.0	5.9	20.4	20.2	20.3	15.9	15.2	15.3	41
(*)	87.0	85.8	(*)	372.3	369.1	(*)	90.0	90.4	(*)	308.4	309.3	(*)	314.2	317.3	42
51.3	50.2	50.0	183.0	183.5	181.7	56.9	57.4	57.5	154.1	151.5	152.1	123.9	114.3	116.1	43
8.1	7.9	7.7	34.1	33.9	33.4	7.8	7.7	7.7	29.5	29.9	30.1	23.4	21.9	22.1	44
6.3	(*)	(*)	32.2	(*)	(*)	6.9	(*)	(*)	32.4	(*)	(*)	34.5	(*)	(*)	45
41.6	41.8	41.8	126.8	129.4	128.7	21.8	21.9	21.8	98.4	99.2	100.6	133.9	127.9	127.4	46
9.6	9.4	9.5	25.4	26.4	26.2	5.1	5.1	5.1	19.8	20.9	21.0	21.3	20.4	20.2	47
9.4	10.0	10.0	23.5	24.4	24.2	3.8	3.7	3.6	15.3	15.7	15.7	18.6	18.5	19.0	48
2.4	2.4	2.4	12.4	12.9	12.8	2.0	2.0	2.0	10.3	10.1	10.2	9.9	9.7	9.8	49
3.5	3.6	3.6	14.6	15.0	14.9	2.8	2.8	2.8	13.8	14.0	14.2	9.5	9.6	9.4	50
90.3	86.9	87.0	424.3	419.3	414.6	93.8	95.8	95.6	371.2	374.9	377.1	331.4	316.7	319.4	51
4.4	4.4	4.4	25.2	24.8	24.6	5.5	5.6	5.7	20.4	21.2	21.3	17.2	16.3	16.8	52
2.6	2.6	2.6	12.8	12.5	12.7	1.6	1.7	1.7	10.0	9.8	9.9	11.2	10.6	11.2	53
5.9	6.0	6.0	19.4	19.3	19.0	2.4	2.5	2.5	15.4	15.4	15.4	10.6	10.4	10.3	54
2.0	2.2	2.2	10.7	10.6	10.5	1.3	1.4	1.4	8.0	8.9	9.0	7.2	6.8	6.9	55
1.2	1.3	1.3	7.8	7.9	7.8	1.1	1.0	1.0	8.0	7.6	7.8	6.0	5.9	5.9	56
2.3	2.1	2.1	12.2	11.7	11.7	1.1	1.1	1.1	10.7	11.4	11.4	7.3	7.4	7.7	57
6.3	6.3	6.3	34.7	35.8	35.5	12.8	13.5	13.6	31.5	33.1	33.3	58.2	53.9	53.9	58
33.9	33.2	33.3	138.0	138.5	136.7	39.9	40.8	40.9	143.2	145.4	146.9	86.6	83.1	83.0	59
2.4	2.4	2.3	12.7	12.7	12.5	2.2	2.2	2.2	11.4	11.1	11.2	8.5	8.4	8.4	60
17.2	17.6	17.5	45.8	47.4	46.5	7.4	7.4	7.4	29.8	30.2	30.1	45.1	42.0	42.3	61
2.8	2.7	2.7	11.2	10.9	10.6	1.7	1.8	1.8	5.8	5.8	5.9	5.6	6.4	6.3	62
4.6	4.3	4.0	6.9	7.3	7.0	1.6	1.5	1.5	4.9	5.3	5.3	8.0	8.9	8.9	63

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

State and area	Total			Mining			Construction			Manufacturing		
	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P
[1]												
1 PUERTO RICO	(*)	(*)	(*)	.9	.8	.7	36.3	25.8	25.8	(*)	(*)	(*)
2 Caguas	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
3 Mayaguez	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
4 Ponce	(*)	(*)	(*)	(*)	(*)	(*)	3.0	1.8	1.5	(*)	(*)	(*)
5 San Juan	(*)	(*)	(*)	(*)	(*)	(*)	24.9	18.8	18.9	(*)	(*)	(*)
6 VIRGIN ISLANDS	36.6	36.1	(*)	(2)	(2)	(*)	2.6	3.0	(*)	3.1	2.6	(*)

[1] Combined with services.
[2] Combined with construction.
[3] States and areas revised to 1981 benchmark; not strictly comparable with previously published data.
[4] Area included in Chicago-Gary Standard Consolidated Statistical Area.
[5] Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.
[6] Subarea of New York—Northeastern New Jersey.
[7] Subarea of Rochester Standard Metropolitan Statistical Area.
[8] Area included in New York and Nassau-Suffolk combined SMSA's.
[9] Subarea of New York Standard Metropolitan Statistical Area.
[10] Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pennsylvania.
[11] Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Philadelphia County.
[12] Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Lackawanna County.
[13] Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Luzerne County.
[14] Total includes data for industry divisions not shown separately.
[15] Subarea of Washington, D.C. Standard Metropolitan Statistical Area: Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park cities and Arlington, Fairfax, Loudoun, and Prince William Counties, Virginia.
p = preliminary.
*Not available.

SOURCE: Cooperating State agencies listed on inside back cover.

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	
18.4	17.1	19.5	114.0	109.2	106.2	27.9	28.1	28.1	84.2	82.1	83.7	260.5	236.7	236.3	1
(*)	(*)	(*)	5.5	4.8	4.6	(*)	(*)	(*)	(*)	(*)	(*)	12.4	11.0	11.0	2
(*)	(*)	(*)	5.8	5.5	5.3	(*)	(*)	(*)	(*)	(*)	(*)	15.6	15.8	15.8	3
(*)	(*)	(*)	7.9	7.0	7.0	(*)	(*)	(*)	7.3	6.5	6.5	18.5	16.8	16.8	4
14.7	13.5	15.8	71.8	69.3	67.6	20.9	21.1	21.2	59.0	58.3	59.7	123.7	122.9	123.1	5
2.1	2.1	(*)	7.6	7.8	(*)	1.6	1.7	(*)	6.2	5.9	(*)	13.4	12.9	(*)	6

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C-1. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division, 1960 to date

Year and month	Average												
	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Hourly earnings excl. overtime
	Total private[1]			Mining			Construction			Manufacturing			
1960	$80.67	38.6	$2.09	$105.04	40.4	$2.60	$112.67	36.7	$3.07	$89.72	39.7	$2.26	$2.19
1961.....	82.60	38.6	2.14	106.92	40.5	2.64	118.08	36.9	3.20	92.34	39.8	2.32	2.25
1962.....	85.91	38.7	2.22	110.70	41.0	2.70	122.47	37.0	3.31	96.56	40.4	2.39	2.31
1963.....	88.46	38.8	2.28	114.40	41.6	2.75	127.19	37.3	3.41	99.23	40.5	2.45	2.37
1964.....	91.33	38.7	2.36	117.74	41.9	2.81	132.06	37.2	3.55	102.97	40.7	2.53	2.43
1965.....	95.45	38.8	2.46	123.52	42.3	2.92	138.38	37.4	3.70	107.53	41.2	2.61	2.50
1966.....	98.82	38.6	2.56	130.24	42.7	3.05	146.26	37.6	3.89	112.19	41.4	2.71	2.59
1967.....	101.84	38.0	2.68	135.89	42.6	3.19	154.95	37.7	4.11	114.49	40.6	2.82	2.71
1968.....	107.73	37.8	2.85	142.71	42.6	3.35	164.49	37.3	4.41	122.51	40.7	3.01	2.88
1969.....	114.61	37.7	3.04	154.80	43.0	3.60	181.54	37.9	4.79	129.51	40.6	3.19	3.05
1970.....	119.83	37.1	3.23	164.40	42.7	3.85	195.45	37.3	5.24	133.33	39.8	3.35	3.23
1971.....	127.31	36.9	3.45	172.14	42.4	4.06	211.67	37.2	5.69	142.44	39.9	3.57	3.45
1972.....	136.90	37.0	3.70	189.14	42.6	4.44	221.19	36.5	6.06	154.71	40.5	3.82	3.66
1973.....	145.39	36.9	3.94	201.40	42.4	4.75	235.89	36.8	6.41	166.46	40.7	4.09	3.91
1974.....	154.76	36.5	4.24	219.14	41.9	5.23	249.25	36.6	6.81	176.80	40.0	4.42	4.25
1975.....	163.53	36.1	4.53	249.31	41.9	5.95	266.08	36.4	7.31	190.79	39.5	4.83	4.67
1976.....	175.45	36.1	4.86	273.90	42.4	6.46	283.73	36.8	7.71	209.32	40.1	5.22	5.02
1977.....	189.00	36.0	5.25	301.20	43.4	6.94	295.65	36.5	8.10	228.90	40.3	5.68	5.44
1978.....	203.70	35.8	5.69	332.88	43.4	7.67	318.69	36.8	8.66	249.27	40.4	6.17	5.91
1979.....	**219.91**	**35.7**	**6.16**	**365.07**	**43.0**	**8.49**	**342.99**	**37.0**	**9.27**	**269.34**	**40.2**	**6.70**	**6.43**
1980.....	**235.10**	**35.3**	**6.66**	**396.14**	**43.2**	**9.17**	**367.04**	**37.0**	**9.92**	**288.62**	**39.7**	**7.27**	**7.02**
1981.....	**255.20**	**35.2**	**7.25**	**438.62**	**43.6**	**10.06**	**395.60**	**36.8**	**10.75**	**317.60**	**39.8**	**7.98**	**7.71**
1981:													
March.....	249.92	35.2	7.10	416.66	42.3	9.85	388.37	37.2	10.44	311.22	39.9	7.80	7.53
April.....	250.98	35.2	7.13	422.92	43.6	9.70	384.87	36.9	10.43	312.84	39.7	7.88	7.62
May.....	252.38	35.2	7.17	423.98	43.8	9.68	388.56	36.9	10.53	317.59	40.1	7.92	7.64
June.....	254.88	35.4	7.20	418.47	42.1	9.94	394.32	37.2	10.60	320.39	40.2	7.97	7.68
July.....	257.74	35.6	7.24	439.79	43.5	10.11	404.90	37.7	10.74	317.59	39.6	8.02	7.74
August....	259.88	35.6	7.30	447.62	44.1	10.15	405.45	37.3	10.87	319.20	39.8	8.02	7.74
September.	259.00	35.0	7.40	450.70	43.8	10.29	393.41	35.7	11.02	321.93	39.5	8.15	7.86
October...	260.84	35.1	7.42	457.46	44.5	10.28	416.25	37.5	11.10	323.56	39.7	8.15	7.88
November..	261.85	35.1	7.46	461.61	44.3	10.42	411.44	37.0	11.12	324.72	39.6	8.20	7.93
December..	262.24	35.2	7.45	466.22	44.7	10.43	414.03	37.0	11.19	329.57	39.9	8.25	7.99
1982:													
January...	255.95	33.9	7.55	457.10	42.8	10.68	383.79	33.2	11.56	312.01	37.1	8.41	8.17
February P.	261.64	34.7	7.54	463.47	43.6	10.63	401.21	35.6	11.27	326.58	39.2	8.33	8.09
March P....	261.99	34.7	7.55	465.78	43.9	10.61	413.61	36.7	11.27	327.27	39.1	8.37	8.13

	Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			
1960	-	-	-	$66.01	38.6	$1.71	$75.14	37.2	$2.02	-	-	-	
1961.....	-	-	-	67.41	38.3	1.76	77.12	36.9	2.09	-	-	-	
1962.....	-	-	-	69.91	38.2	1.83	80.94	37.3	2.17	-	-	-	
1963.....	-	-	-	72.01	38.1	1.89	84.38	37.5	2.25	-	-	-	
1964.....	$118.78	41.1	$2.89	74.66	37.9	1.97	85.79	37.3	2.30	$70.03	36.1	$1.94	
1965.....	125.14	41.3	3.03	76.91	37.7	2.04	88.91	37.2	2.39	73.60	35.9	2.05	
1966.....	128.13	41.2	3.11	79.39	37.1	2.14	92.13	37.3	2.47	77.04	35.5	2.17	
1967.....	130.82	40.5	3.23	82.35	36.6	2.25	95.72	37.1	2.58	80.38	35.1	2.29	
1968.....	138.85	40.6	3.42	87.00	36.1	2.41	101.75	37.0	2.75	83.97	34.7	2.42	
1969.....	147.74	40.7	3.63	91.39	35.7	2.56	108.70	37.1	2.93	90.57	34.7	2.61	
1970.....	155.93	40.5	3.85	96.02	35.3	2.72	112.67	36.7	3.07	96.66	34.4	2.81	
1971.....	168.82	40.1	4.21	101.09	35.1	2.88	117.85	36.6	3.22	103.06	33.9	3.04	
1972.....	187.86	40.4	4.65	106.45	34.9	3.05	122.98	36.6	3.36	110.85	33.9	3.27	
1973.....	203.31	40.5	5.02	111.76	34.6	3.23	129.20	36.6	3.53	117.29	33.8	3.47	
1974.....	217.48	40.2	5.41	119.02	34.2	3.48	137.61	36.5	3.77	126.00	33.6	3.75	
1975.....	233.44	39.7	5.88	126.45	33.9	3.73	148.19	36.5	4.06	134.67	33.5	4.02	
1976.....	256.71	39.8	6.45	133.79	33.7	3.97	155.43	36.4	4.27	143.52	33.3	4.31	
1977.....	278.90	39.9	6.99	142.52	33.3	4.28	165.26	36.4	4.54	153.45	33.0	4.65	
1978.....	302.80	40.0	7.57	153.64	32.9	4.67	178.00	36.4	4.89	163.67	32.8	4.99	
1979.....	**325.58**	**39.9**	**8.16**	**164.96**	**32.6**	**5.06**	**190.77**	**36.2**	**5.27**	**175.27**	**32.7**	**5.36**	
1980.....	**351.25**	**39.6**	**8.87**	**176.46**	**32.2**	**5.48**	**209.24**	**36.2**	**5.78**	**193.71**	**32.6**	**5.85**	
1981.....	**382.97**	**39.4**	**9.72**	**190.35**	**32.1**	**5.93**	**228.69**	**36.3**	**6.30**	**208.97**	**32.6**	**6.41**	
1981:													
March.....	371.15	39.4	9.42	186.62	31.9	5.85	225.32	36.4	6.19	205.05	32.6	6.29	
April.....	374.92	39.3	9.54	188.43	32.1	5.87	225.06	36.3	6.20	205.38	32.6	6.30	
May.....	376.89	39.3	9.59	188.48	32.0	5.89	225.26	36.1	6.24	205.73	32.5	6.33	
June.....	383.27	39.8	9.63	190.25	32.3	5.89	225.26	36.1	6.24	206.99	32.7	6.33	
July.....	385.56	39.8	9.69	193.85	32.8	5.91	227.60	36.3	6.27	209.22	33.0	6.34	
August....	390.66	39.5	9.89	194.83	32.6	5.94	231.23	36.3	6.37	210.89	32.9	6.41	
September.	390.82	39.2	9.97	194.49	32.2	6.04	229.68	36.0	6.38	210.92	32.4	6.51	
October...	389.44	39.1	9.96	191.40	31.9	6.00	232.40	36.2	6.42	213.53	32.5	6.57	
November..	395.75	39.3	10.07	192.36	31.9	6.03	235.66	36.2	6.51	216.78	32.5	6.67	
December..	396.14	39.3	10.08	193.52	32.2	6.01	233.85	36.2	6.46	217.12	32.6	6.66	
1982:													
January...	389.76	38.4	10.15	191.89	31.1	6.17	237.83	36.2	6.57	219.32	32.3	6.79	
February P.	397.26	39.1	10.16	193.73	31.5	6.15	240.31	36.3	6.62	221.00	32.5	6.80	
March P....	394.15	38.9	10.14	193.73	31.5	6.15	240.37	36.2	6.64	220.32	32.4	6.80	

[1] For coverage of series, see footnote 1, table B-2.

p = preliminary.

NOTE: Data from April 1980 forward are subject to revision when more recent benchmark data are introduced. See "Benchmark adjustment" in the Explanatory notes of this publication.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P	Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P
	TOTAL PRIVATE	$247.10	$249.92	$255.95	$261.64	$261.99	$7.06	$7.10	$7.55	$7.70	$7.69
	MINING	422.01	416.66	457.10	463.47	465.78	9.86	9.85	10.68	10.63	10.61
10	METAL MINING	454.92	458.56	484.74	485.46	-	11.15	11.13	12.21	12.29	-
101	Iron ores	461.37	478.18	510.44	537.10	-	11.83	11.72	12.89	13.13	-
102	Copper ores	492.15	481.62	486.20	485.01	-	11.58	11.44	12.34	12.31	-
11, 12	COAL MINING	481.25	417.24	507.16	519.14	-	11.25	11.40	12.40	12.33	-
12	BITUMINOUS COAL AND LIGNITE MINING	484.02	418.70	508.39	520.82	-	11.29	11.44	12.43	12.33	-
13	OIL AND GAS EXTRACTION	414.25	422.59	447.89	452.09	-	9.33	9.37	10.02	9.98	-
131, 2	Crude petroleum, natural gas, and natural gas liquids	440.59	441.25	493.88	482.86	-	10.72	10.71	11.55	11.52	-
138	Oil and gas field services	405.41	416.67	434.48	442.70	-	8.91	8.98	9.57	9.58	-
14	NONMETALLIC MINERALS, EXCEPT FUELS	332.50	342.40	386.63	362.91	-	8.09	8.03	8.98	8.83	-
142	Crushed and broken stone	302.88	328.75	312.20	342.76	-	7.61	7.61	8.53	8.36	-
	CONSTRUCTION	364.35	388.37	383.79	401.21	413.61	10.41	10.48	11.56	11.27	11.27
15	GENERAL BUILDING CONTRACTORS	324.48	348.49	335.83	360.37	-	9.46	9.49	10.27	10.19	-
152	Residential building construction	302.36	316.48	308.03	328.70	-	8.99	8.94	9.42	9.53	-
153	Operative builders	283.03	298.19	294.25	288.99	-	8.18	8.26	8.85	8.55	-
154	Nonresidential building construction	349.65	373.60	363.68	393.86	-	9.99	10.07	11.19	10.98	-
16	HEAVY CONSTRUCTION CONTRACTORS	363.15	397.07	394.58	423.89	-	9.71	9.78	11.57	11.01	-
161	Highway and street construction	306.49	349.57	324.04	331.06	-	8.49	8.61	9.94	9.12	-
162	Heavy construction, except highway	380.65	412.50	412.28	448.48	-	10.07	10.16	11.95	11.97	-
17	SPECIAL TRADE CONTRACTORS	385.79	407.32	402.83	411.74	-	11.15	11.19	12.17	11.93	-
171	Plumbing, heating, air conditioning	414.03	422.62	434.25	434.61	-	11.19	11.24	12.13	11.88	-
172	Painting, paper hanging, decorating	339.33	361.90	342.72	365.65	-	10.19	10.34	11.02	10.85	-
173	Electrical work	457.19	476.90	484.73	490.40	-	12.39	12.55	13.54	13.29	-
174	Masonry, stonework, and plastering	341.91	375.11	346.32	361.93	-	10.82	10.81	11.70	11.24	-
175	Carpentering and flooring	328.93	348.80	337.60	343.93	-	10.09	10.11	10.55	10.55	-
176	Roofing and sheet metal work	278.06	320.35	280.31	292.29	-	9.49	9.62	10.74	10.22	-
	MANUFACTURING	306.13	311.22	312.01	326.54	327.27	7.75	7.80	8.41	8.33	8.37
24, 25	DURABLE GOODS	329.57	336.96	335.91	351.65	352.74	8.26	8.32	8.91	8.98	8.93
32 39											
20 23	NONDURABLE GOODS	271.52	274.09	278.02	281.43	290.69	5.98	7.01	7.68	7.55	7.57
26 31											
	DURABLE GOODS										
24	LUMBER AND WOOD PRODUCTS	262.19	264.81	249.38	271.17	270.44	6.81	6.79	7.40	7.27	7.27
241	Logging camps and logging contractors	320.29	332.61	293.93	343.68	-	8.68	8.73	9.03	9.53	-
242	Sawmills and planing mills	277.85	276.11	265.98	284.25	-	7.07	6.99	7.80	7.58	-
2421	Sawmills and planing mills, general	292.79	290.72	283.80	299.63	-	7.45	7.36	8.25	7.99	-
2426	Hardwood dimension and flooring	196.21	196.52	172.78	199.73	-	4.93	4.95	5.30	5.27	-
243	Millwork, plywood, and structural members	259.39	262.64	249.86	262.63	-	5.72	6.70	7.18	7.06	-
2431	Millwork	257.56	261.03	269.75	275.98	-	6.76	6.78	7.35	7.39	-
2434	Wood kitchen cabinets	225.33	232.56	213.81	235.74	-	6.09	6.12	6.44	6.22	-
2435	Hardwood veneer and plywood	215.99	219.01	191.82	212.63	-	5.32	5.29	5.63	5.64	-
2436	Softwood veneer and plywood	326.36	327.64	299.98	309.51	-	8.20	8.13	8.67	8.59	-
244	Wood containers	199.18	207.04	191.48	212.98	-	5.34	5.42	5.75	5.59	-
245	Wood buildings and mobile homes	218.82	222.53	195.00	232.75	-	5.27	6.34	6.61	6.65	-
2451	Mobile homes	213.41	219.38	193.75	235.73	-	6.15	6.25	6.48	6.53	-
249	Miscellaneous wood products	232.76	236.40	224.18	243.10	-	5.79	5.78	6.21	6.17	-
25	FURNITURE AND FIXTURES	219.84	223.49	202.52	230.76	231.01	5.74	5.76	6.27	6.17	6.21
251	Household furniture	209.22	208.59	171.33	207.48	-	5.36	5.39	5.73	5.72	-
2511	Wood household furniture	191.46	194.61	153.12	191.46	-	4.96	4.99	5.28	5.26	-
2512	Upholstered household furniture	213.49	221.16	175.51	219.35	-	5.77	5.82	6.18	6.11	-
2514	Metal household furniture	211.46	216.22	205.80	229.96	-	5.45	5.46	6.00	6.02	-
2515	Mattresses and bedsprings	224.10	224.03	197.81	220.85	-	5.96	5.99	6.24	6.31	-
252	Office furniture	246.48	248.52	260.22	268.93	-	6.24	6.26	6.83	6.74	-
253	Public building and related furniture	246.46	255.36	267.38	286.84	-	5.24	6.40	7.13	7.10	-
254	Partitions and fixtures	264.22	264.80	273.36	283.36	-	6.99	6.95	7.51	7.36	-
259	Miscellaneous furniture and fixtures	247.38	250.78	264.94	269.18	-	6.51	6.48	7.06	7.01	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P	Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P
–	TOTAL PRIVATE	35.0	35.2	33.9	34.7	34.7	-	-	-	-	-
–	MINING	42.8	42.3	42.8	43.6	43.9	-	-	-	-	-
10	METAL MINING	40.8	41.2	39.7	39.5	-	-	-	-	-	-
101	Iron ores	39.0	40.8	39.6	41.0	-	-	-	-	-	-
102	Copper ores	42.5	42.1	39.4	39.4	-	-	-	-	-	-
11, 12	COAL MINING	41.0	36.6	40.9	41.9	-	-	-	-	-	-
12	BITUMINOUS COAL AND LIGNITE MINING	41.1	36.6	40.9	41.9	-	-	-	-	-	-
13	OIL AND GAS EXTRACTION	44.4	45.1	44.7	45.3	-	-	-	-	-	-
131, 2	Crude petroleum, natural gas, and natural gas liquids	41.1	41.2	42.5	41.2	-	-	-	-	-	-
138	Oil and gas field services	45.5	46.4	45.4	46.6	-	-	-	-	-	-
14	NONMETALLIC MINERALS, EXCEPT FUELS	41.1	42.8	38.6	41.1	-	-	-	-	-	-
142	Crushed and broken stone	39.8	43.2	36.6	41.0	-	-	-	-	-	-
–	CONSTRUCTION	35.0	37.2	33.2	35.6	36.7	-	-	-	-	-
15	GENERAL BUILDING CONTRACTORS	34.3	36.3	32.7	35.4	-	-	-	-	-	-
152	Residential building construction	33.6	35.4	32.7	34.6	-	-	-	-	-	-
153	Operative builders	34.6	36.1	33.7	33.8	-	-	-	-	-	-
154	Nonresidential building construction	35.0	37.1	32.5	36.2	-	-	-	-	-	-
16	HEAVY CONSTRUCTION CONTRACTORS	37.4	40.6	34.1	38.5	-	-	-	-	-	-
161	Highway and street construction	36.1	40.6	32.6	36.3	-	-	-	-	-	-
162	Heavy construction, except highway	37.8	40.6	34.5	39.1	-	-	-	-	-	-
17	SPECIAL TRADE CONTRACTORS	34.6	36.4	33.1	34.6	-	-	-	-	-	-
171	Plumbing, heating, air conditioning	37.0	37.6	35.8	36.6	-	-	-	-	-	-
172	Painting, paper hanging, decorating	33.3	35.0	31.1	33.7	-	-	-	-	-	-
173	Electrical work	36.9	38.0	35.8	36.9	-	-	-	-	-	-
174	Masonry, stonework, and plastering	31.6	34.7	29.6	32.2	-	-	-	-	-	-
175	Carpentering and flooring	32.6	34.5	32.0	32.6	-	-	-	-	-	-
176	Roofing and sheet metal work	29.3	33.3	26.1	28.6	-	-	-	-	-	-
–	MANUFACTURING	39.5	39.9	37.1	39.2	39.1	2.8	2.8	2.2	2.3	2.3
24, 25, 32-39	DURABLE GOODS	39.9	40.5	37.7	39.6	39.5	2.8	2.9	2.1	2.2	2.2
20-23, 26-31	NONDURABLE GOODS	38.9	39.1	36.2	38.6	38.4	2.8	2.7	2.4	2.5	2.4
	DURABLE GOODS										
24	LUMBER AND WOOD PRODUCTS	38.5	39.0	33.7	37.3	37.2	2.6	2.7	1.7	2.1	-
241	Logging camps and logging contractors	36.9	38.1	29.6	35.8	-	3.3	3.3	2.1	2.3	-
242	Sawmills and planing mills	39.3	39.5	34.1	37.5	-	3.2	3.1	2.1	2.6	-
2421	Sawmills and planing mills, general	39.3	39.5	34.4	37.5	-	3.4	3.3	2.3	2.7	-
2426	Hardwood dimension and flooring	39.8	39.7	42.6	37.9	-	2.7	2.5	1.2	1.9	-
243	Millwork, plywood, and structural members	38.6	39.2	34.8	37.2	-	2.3	2.4	1.3	1.5	-
2431	Millwork	38.1	38.5	36.7	37.6	-	1.5	1.6	.8	1.1	-
2434	Wood kitchen cabinets	37.0	38.0	33.2	37.9	-	1.3	1.6	1.0	1.1	-
2435	Hardwood veneer and plywood	40.6	41.4	34.0	37.7	-	3.6	3.8	1.8	2.0	-
2436	Softwood veneer and plywood	39.8	40.3	34.6	36.2	-	3.6	3.4	2.1	2.1	-
244	Wood containers	37.3	38.2	33.3	38.1	-	1.7	2.0	1.5	1.8	-
245	Wood buildings and mobile homes	34.9	35.1	29.5	35.0	-	1.2	1.3	.4	1.2	-
2451	Mobile homes	34.7	35.1	29.9	36.1	-	.8	.9	.4	1.2	-
249	Miscellaneous wood products	40.2	40.9	36.1	39.4	-	2.9	3.1	1.9	2.3	-
25	FURNITURE AND FIXTURES	38.3	38.8	32.3	37.4	37.2	1.9	1.9	1.2	1.4	-
251	Household furniture	38.1	38.7	29.9	36.4	-	1.8	2.0	.8	1.1	-
2511	Wood household furniture	38.6	39.0	29.0	36.4	-	1.8	2.0	.9	1.2	-
2512	Upholstered household furniture	37.0	38.0	28.4	35.9	-	1.3	1.5	.5	.7	-
2514	Metal household furniture	38.8	39.6	34.3	38.2	-	3.1	3.2	1.0	2.1	-
2515	Mattresses and bedsprings	37.6	37.4	31.7	35.0	-	1.7	1.7	.7	1.0	-
252	Office furniture	39.5	39.7	38.1	39.9	-	2.2	2.3	2.6	2.1	-
253	Public building and related furniture	39.5	39.9	37.5	40.4	-	2.6	2.3	2.2	2.2	-
254	Partitions and fixtures	37.8	38.1	36.0	38.5	-	1.8	1.6	1.7	1.9	-
259	Miscellaneous furniture and fixtures	36.0	38.7	37.4	38.4	-	1.2	1.3	1.4	1.5	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P	Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P
32	STONE, CLAY, AND GLASS PRODUCTS	$312.44	$322.36	$326.50	$338.22	$302.39	$7.89	$7.94	$8.73	$8.65	$8.69
321	Flat glass	407.48	426.13	469.42	482.51	-	10.29	10.47	11.15	11.33	-
322	Glass and glassware, pressed or blown	335.30	337.39	355.55	365.09	-	8.32	8.31	9.14	9.15	-
3221	Glass containers	355.14	355.18	373.35	386.51	-	8.62	8.60	9.50	9.45	-
3229	Pressed and blown glass, nec	308.89	312.84	332.16	335.72	-	7.90	7.90	8.65	8.72	-
323	Products of purchased glass	271.96	287.12	297.65	306.15	-	6.92	7.16	7.98	7.83	-
324	Cement, hydraulic	459.13	461.48	500.14	502.57	-	11.09	11.12	12.11	12.11	-
325	Structural clay products	254.76	262.66	271.88	280.14	-	6.45	6.55	7.25	7.22	-
326	Pottery and related products	264.99	269.96	267.90	281.52	-	6.76	6.80	7.28	7.20	-
327	Concrete, gypsum, and plaster products	294.12	318.71	297.54	312.95	-	7.74	7.85	8.55	8.39	-
3271	Concrete block and brick	286.48	303.12	272.40	287.28	-	7.18	7.20	7.85	7.56	-
3272	Concrete products, nec	268.80	288.40	275.54	301.41	-	6.91	7.00	7.85	7.65	-
3273	Ready-mixed concrete	305.15	337.65	312.13	324.92	-	8.62	8.68	9.43	9.31	-
329	Misc. nonmetallic mineral products	321.10	325.40	333.59	345.20	-	7.87	7.86	8.62	8.63	-
3291	Abrasive products	304.30	310.50	315.09	328.68	-	7.44	7.50	8.27	8.33	-
3292	Asbestos products	325.21	327.95	313.65	333.32	-	8.01	7.96	8.50	8.46	-
33	PRIMARY METAL INDUSTRIES	429.79	432.37	431.23	442.40	441.05	10.56	10.52	11.23	11.29	11.28
331	Blast furnace and basic steel products	503.42	501.43	507.20	516.90	-	12.43	12.23	13.14	13.22	-
3312	Blast furnaces and steel mills	522.78	519.43	526.12	537.03	-	12.90	12.70	13.63	13.77	-
3317	Steel pipe and tubes	398.86	406.89	417.59	414.56	-	9.80	9.90	10.68	10.39	-
332	Iron and steel foundries	350.80	357.54	337.90	359.59	-	8.77	8.85	9.36	9.34	-
3321	Gray iron foundries	358.12	364.41	336.06	357.40	-	8.92	9.02	9.52	9.43	-
3322	Malleable iron foundries	360.30	377.94	353.07	382.79	-	9.31	9.52	9.89	10.10	-
3325	Steel foundries, nec	344.40	345.22	343.52	363.20	-	8.40	8.42	9.04	9.08	-
333	Primary nonferrous metals	472.58	479.55	514.86	504.46	-	11.36	11.50	12.65	12.58	-
3334	Primary aluminum	497.67	518.25	538.68	536.00	-	12.05	12.31	13.40	13.40	-
335	Nonferrous rolling and drawing	394.57	397.95	389.47	405.08	-	9.35	9.43	9.86	9.89	-
3351	Copper rolling and drawing	364.59	368.99	335.48	348.25	-	8.42	8.27	8.58	8.62	-
3353	Aluminum sheet, plate, and foil	497.64	509.12	517.30	546.54	-	11.60	11.84	12.71	12.89	-
3357	Nonferrous wire drawing and insulating	352.88	366.66	363.89	375.65	-	8.64	8.73	9.12	9.14	-
336	Nonferrous foundries	309.67	316.33	312.53	326.27	-	7.82	7.83	8.29	8.25	-
3361	Aluminum foundries	320.40	326.41	318.65	334.62	-	8.01	8.02	8.52	8.45	-
34	FABRICATED METAL PRODUCTS	316.40	325.21	323.19	338.52	340.89	7.91	8.01	8.55	8.57	8.63
341	Metal cans and shipping containers	443.93	450.88	478.55	482.36	-	10.30	10.51	11.34	11.27	-
3411	Metal cans	455.80	463.95	499.38	499.36	-	10.60	10.84	11.75	11.56	-
342	Cutlery, hand tools, and hardware	293.28	302.91	301.69	315.48	-	7.52	7.63	8.11	8.11	-
3423, 5	Hand and edge tools, and hand saws and blades	285.59	290.73	282.55	302.25	-	7.23	7.25	7.72	7.77	-
3429	Hardware, nec	306.46	319.95	316.40	327.86	-	7.96	8.10	8.46	8.45	-
343	Plumbing and heating, except electric	268.48	274.95	279.99	294.52	-	7.01	7.05	7.65	7.71	-
3432	Plumbing fittings and brass goods	268.49	270.80	262.07	290.66	-	5.78	6.77	7.30	7.53	-
3433	Heating equipment, except electric	259.82	262.39	289.16	291.07	-	6.91	6.96	7.67	7.58	-
344	Fabricated structural metal products	303.73	310.78	313.97	334.57	-	7.67	7.75	8.44	8.37	-
3441	Fabricated structural metal	320.69	326.36	324.12	347.53	-	7.86	7.96	8.76	8.71	-
3442	Metal doors, sash, and trim	238.75	242.94	243.15	260.75	-	6.25	6.31	6.83	6.88	-
3443	Fabricated plate work (boiler shops)	344.35	350.61	355.20	381.07	-	8.44	8.51	9.25	9.34	-
3444	Sheet metal work	299.53	309.29	320.25	333.45	-	7.78	7.85	8.54	8.55	-
3446	Architectural metal work	293.38	287.83	301.84	309.68	-	7.12	7.16	7.84	7.84	-
345	Screw machine products, bolts, etc.	302.60	307.57	306.85	314.82	-	7.49	7.52	7.97	7.97	-
3451	Screw machine products	268.71	278.10	288.25	297.60	-	6.89	6.97	7.41	7.44	-
3452	Bolts, nuts, rivets, and washers	336.07	336.07	326.14	332.67	-	8.04	8.04	8.56	8.53	-
346	Metal forgings and stampings	358.52	387.69	363.00	382.57	-	9.19	9.41	9.60	9.71	-
3462	Iron and steel forging	394.61	404.19	402.62	418.00	-	9.89	9.98	10.35	10.45	-
3465	Automotive stamping	456.92	493.43	421.94	458.62	-	11.31	11.61	11.52	11.64	-
3469	Metal stampings, nec	280.59	285.22	285.35	299.52	-	7.05	7.06	7.65	7.69	-
347	Metal services, nec	260.48	263.40	259.44	266.17	-	5.40	6.44	6.90	6.85	-
3471	Plating and polishing	252.97	255.04	259.99	264.32	-	6.34	6.36	6.86	6.83	-
3479	Metal coating and allied services	277.75	280.50	257.56	270.27	-	6.52	6.60	6.98	6.93	-
348	Ordnance and accessories, nec	325.51	327.18	345.14	354.44	-	7.92	7.98	8.76	8.71	-
3483	Ammunition, exc. for small arms, nec	281.30	282.10	301.50	319.59	-	7.05	7.16	8.04	8.03	-
349	Misc. fabricated metal products	298.05	304.84	308.89	318.70	-	7.47	7.49	8.15	8.13	-
3494	Valves and pipe fittings	323.16	329.54	330.53	344.12	-	7.94	7.96	8.63	8.69	-
3496	Misc. fabricated wire products	258.33	267.15	265.17	270.66	-	6.59	6.58	7.09	7.03	-
35	MACHINERY, EXCEPT ELECTRICAL	349.25	355.14	360.11	374.33	372.37	8.56	8.62	9.21	9.22	9.24
351	Engines and turbines	415.15	419.60	437.31	446.88	-	10.51	10.49	11.30	11.43	-
3511	Turbines and turbine generator sets	404.42	404.58	411.20	419.20	-	9.84	9.82	10.41	10.48	-
3519	Internal combustion engines, nec	419.25	425.30	446.59	456.30	-	10.75	10.74	11.63	11.73	-
352	Farm and garden machinery	372.67	387.60	362.70	395.11	-	9.34	9.50	9.75	9.78	-
3523	Farm machinery and equipment	392.35	407.71	383.41	412.27	-	9.76	9.92	10.17	10.23	-
353	Construction and related machinery	381.41	391.15	401.60	416.30	-	9.28	9.38	10.04	10.08	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P	Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P
32	STONE, CLAY, AND GLASS PRODUCTS	39.6	40.6	37.4	39.1	39.4	3.4	3.7	2.8	3.0	-
321	Flat glass	39.6	40.7	42.1	42.7	-	3.3	3.6	3.9	4.4	-
322	Glass and glassware, pressed or blown	40.3	40.6	38.9	39.9	-	3.8	3.8	3.8	4.0	-
3221	Glass containers	41.2	41.3	39.3	40.9	-	4.3	4.4	4.5	4.8	-
3229	Pressed and blown glass, nec	39.1	39.6	38.4	38.5	-	3.2	3.1	2.9	3.3	-
323	Products of purchased glass	39.3	40.1	37.3	39.1	-	3.0	3.3	2.4	2.1	-
324	Cement, hydraulic	41.4	41.5	41.3	41.5	-	3.1	3.0	2.8	2.7	-
325	Structural clay products	39.5	40.1	37.5	38.8	-	2.8	2.7	2.5	2.1	-
326	Pottery and related products	39.2	39.7	36.8	39.1	-	2.2	2.0	1.6	2.1	-
327	Concrete, gypsum, and plaster products	38.0	40.6	34.8	37.3	-	3.8	4.6	2.8	3.3	-
3271	Concrete block and brick	39.9	42.1	34.7	38.0	-	3.8	4.5	2.1	3.3	-
3272	Concrete products, nec	38.9	41.2	35.1	39.4	-	3.6	4.1	3.0	3.5	-
3273	Ready-mixed concrete	35.4	38.9	33.1	34.9	-	3.3	4.5	2.4	3.1	-
329	Misc. nonmetallic mineral products	40.8	41.4	38.7	40.0	-	3.4	3.4	2.3	2.5	-
3291	Abrasive products	40.9	41.4	38.1	39.6	-	2.9	3.1	1.6	1.6	-
3292	Asbestos products	40.6	41.2	36.9	39.4	-	2.9	2.9	1.5	1.9	-
33	PRIMARY METAL INDUSTRIES	40.7	41.1	38.4	39.5	39.1	3.2	3.2	2.3	2.2	-
331	Blast furnace and basic steel products	40.5	41.0	38.6	39.1	-	3.0	2.8	2.1	1.8	-
3312	Blast furnaces and steel mills	40.4	40.9	38.6	39.0	-	2.9	2.7	2.2	1.9	-
3317	Steel pipe and tubes	40.7	41.1	39.1	39.9	-	3.4	3.5	2.2	1.3	-
332	Iron and steel foundries	40.0	40.4	36.1	38.5	-	2.9	3.0	2.1	2.1	-
3321	Gray iron foundries	39.7	40.4	35.3	37.9	-	2.8	2.9	2.1	2.3	-
3322	Malleable iron foundries	38.7	39.7	35.7	37.9	-	2.6	2.9	1.5	2.1	-
3325	Steel foundries, nec	41.0	41.0	38.0	40.0	-	3.2	3.4	2.4	2.5	-
333	Primary nonferrous metals	41.6	41.7	40.7	40.1	-	3.5	3.4	2.6	2.4	-
3334	Primary aluminum	41.3	42.1	40.2	40.0	-	3.5	3.7	2.9	2.9	-
335	Nonferrous rolling and drawing	42.2	42.2	39.5	41.0	-	4.5	4.4	2.8	3.3	-
3351	Copper rolling and drawing	43.3	42.2	39.1	40.4	-	5.4	4.8	2.6	2.7	-
3353	Aluminum sheet, plate and foil	42.9	43.0	40.7	42.4	-	5.7	6.0	3.2	4.1	-
3357	Nonferrous wire drawing and insulating	42.0	42.0	39.9	41.1	-	4.5	4.3	3.3	3.2	-
336	Nonferrous foundries	39.6	40.4	37.7	39.5	-	2.5	2.7	1.9	2.0	-
3361	Aluminum foundries	40.0	40.7	37.4	39.6	-	2.8	3.0	2.1	2.2	-
34	FABRICATED METAL PRODUCTS	40.0	40.6	37.0	39.5	39.5	2.7	2.8	2.0	2.1	-
341	Metal cans and shipping containers	43.1	42.9	42.2	42.8	-	4.6	4.4	4.3	4.1	-
3411	Metal cans	43.0	42.8	42.5	42.9	-	4.4	4.1	4.3	4.0	-
342	Cutlery, hand tools, and hardware	39.0	39.7	37.2	38.9	-	2.0	2.3	1.3	1.5	-
3423, 5	Hand and edge tools, and hand saws and blades	39.5	40.1	36.6	38.9	-	2.3	2.4	1.5	1.4	-
3429	Hardware, nec	38.5	39.5	37.4	38.8	-	1.9	2.3	1.2	1.4	-
343	Plumbing and heating, except electric	38.3	39.0	36.6	38.2	-	1.9	1.8	1.2	1.2	-
3432	Plumbing fittings and brass goods	39.6	40.0	35.9	38.6	-	2.3	2.3	1.0	1.7	-
3433	Heating equipment, except electric	37.6	37.7	37.7	38.4	-	1.6	1.1	1.4	1.0	-
344	Fabricated structural metal products	39.6	40.1	37.2	39.5	-	2.5	2.6	2.0	2.2	-
3441	Fabricated structural metal	40.8	41.0	37.8	39.9	-	3.1	2.9	2.2	2.9	-
3442	Metal doors, sash, and trim	38.2	38.5	35.6	37.9	-	1.6	1.7	1.4	1.6	-
3443	Fabricated plate work (boiler shops)	40.6	41.2	38.4	40.8	-	2.8	2.9	2.5	2.8	-
3444	Sheet metal work	38.5	39.4	37.5	39.0	-	2.2	2.6	1.8	1.9	-
3446	Architectural metal work	39.8	40.2	38.5	39.5	-	2.3	2.1	2.3	1.7	-
345	Screw machine products, bolts, etc	40.4	40.9	38.5	39.5	-	3.1	3.0	1.7	1.8	-
3451	Screw machine products	39.0	39.9	38.9	40.0	-	2.6	2.8	2.2	2.8	-
3452	Bolts, nuts, rivets, and washers	41.8	41.8	38.1	39.0	-	3.6	3.2	1.2	1.2	-
346	Metal forgings and stampings	40.1	41.2	37.5	39.4	-	3.2	3.6	1.7	1.9	-
3462	Iron and steel forgings	39.9	40.5	38.9	40.0	-	3.4	3.3	2.5	2.1	-
3465	Automotive stampings	40.4	42.5	36.8	39.4	-	3.7	4.7	1.1	1.8	-
3469	Metal stampings, nec	39.6	40.4	37.3	39.0	-	2.5	2.6	1.8	1.8	-
347	Metal services, nec	40.7	40.9	37.6	38.8	-	2.5	2.6	1.9	2.1	-
3471	Plating and polishing	39.9	40.1	37.9	38.7	-	3.0	3.0	2.1	2.2	-
3479	Metal coating and allied services	42.6	42.5	36.9	39.0	-	1.5	1.8	1.6	1.9	-
348	Ordnance and accessories, nec	41.1	41.0	39.4	40.6	-	3.1	2.9	2.8	2.6	-
3483	Ammunition, exc. for small arms, nec	39.9	39.4	37.5	39.9	-	2.1	1.9	2.3	2.2	-
349	Misc. fabricated metal products	39.9	40.7	37.9	39.2	-	2.6	2.8	2.1	2.1	-
3494	Valves and pipe fittings	40.7	41.4	38.3	39.6	-	3.1	3.2	2.4	2.3	-
3496	Misc. fabricated wire products	39.2	40.6	37.4	38.5	-	2.5	2.7	1.6	1.9	-
35	MACHINERY, EXCEPT ELECTRICAL	40.8	41.2	39.1	40.6	40.3	3.3	3.4	2.6	2.7	-
351	Engines and turbines	39.5	40.0	38.7	39.2	-	2.8	2.7	1.7	1.7	-
3511	Turbines and turbine generator sets	41.1	41.2	39.5	40.0	-	3.2	3.5	2.3	2.3	-
3519	Internal combustion engines, nec	39.0	39.6	38.4	38.9	-	2.7	2.8	1.5	1.5	-
352	Farm and garden machinery	39.9	40.8	37.2	40.4	-	3.3	3.4	1.9	2.4	-
3523	Farm machinery and equipment	40.2	41.1	37.7	40.3	-	3.6	3.8	1.8	2.1	-
353	Construction and related machinery	41.1	41.7	40.0	41.3	-	3.2	3.3	3.2	3.2	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P	Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P
	MACHINERY, EXCEPT ELECTRICAL—Continued										
3531	Construction machinery	$408.86	$428.09	$425.24	$447.58	-	$10.43	$10.57	$11.22	$11.36	-
3532	Mining machinery	380.64	385.63	397.77	406.32	-	9.15	9.27	10.07	10.21	-
3533	Oil field machinery	396.83	400.37	429.09	435.22	-	8.76	8.78	9.73	9.65	-
3535	Conveyors and conveying equipment	310.57	311.33	334.66	343.66	-	8.13	8.15	8.67	8.57	-
3537	Industrial trucks and tractors	310.66	311.33	321.66	335.66	-	8.09	8.15	9.01	8.81	-
354	Metalworking machinery	355.75	372.66	379.80	388.81	-	8.75	8.81	9.47	9.46	-
3541	Machine tools, metal cutting types	382.73	387.56	396.98	395.69	-	8.88	8.93	9.73	9.77	-
3542	Machine tools, metal forming types	355.69	359.20	369.51	382.18	-	8.87	8.98	9.88	9.85	-
3544	Special dies, tools, jigs, and fixtures	395.93	405.14	409.36	419.58	-	9.36	9.40	9.96	9.99	-
3545	Machine tool accessories	325.13	335.20	332.35	341.60	-	7.93	8.00	8.61	8.54	-
3546	Power driven hand tools	271.05	271.10	291.61	326.34	-	6.95	7.06	7.86	7.77	-
355	Special industry machinery	327.54	331.20	338.03	353.43	-	7.95	8.00	8.78	8.77	-
3551	Food products machinery	341.82	341.78	350.06	363.71	-	8.44	8.46	9.18	9.37	-
3552	Textile machinery	259.13	262.34	223.84	269.27	-	6.43	6.43	6.93	6.94	-
3555	Printing trades machinery	351.78	358.99	365.48	369.56	-	8.20	8.31	9.16	9.08	-
356	General industrial machinery	344.32	348.94	355.55	368.34	-	8.46	8.49	9.14	9.14	-
3561	Pumps and pumping equipment	342.86	347.99	361.07	374.94	-	8.55	8.55	9.33	9.35	-
3562	Ball and roller bearings	354.48	359.54	344.27	361.90	-	8.40	8.52	8.76	8.87	-
3563	Air and gas compressors	370.86	375.62	396.98	419.39	-	8.83	8.88	10.05	10.05	-
3564	Blowers and fans	304.55	314.65	332.43	344.69	-	7.71	7.75	8.59	8.49	-
3566	Speed changers, drives, and gears	392.18	392.92	381.20	386.70	-	9.36	9.40	9.85	9.89	-
3568	Power transmission equipment, nec	335.76	338.25	343.30	358.97	-	8.27	8.25	8.78	8.82	-
357	Office and computing machines	296.21	298.16	315.52	323.29	-	7.26	7.29	7.81	7.79	-
3573	Electronic computing equipment	293.35	296.12	317.34	323.89	-	7.19	7.24	7.74	7.73	-
358	Refrigeration and service machinery	314.77	315.59	315.46	335.60	-	7.83	7.87	8.48	8.33	-
3585	Refrigeration and heating equipment	324.41	323.21	321.13	337.98	-	8.03	8.06	8.75	8.60	-
359	Misc. machinery, except electrical	334.89	343.17	338.80	354.00	-	8.31	8.37	8.80	8.85	-
3592	Carburetors, pistons, rings, valves	394.42	397.54	375.34	429.37	-	9.91	9.84	10.34	10.87	-
3599	Machinery, except electrical, nec	324.82	333.73	333.76	344.06	-	8.04	8.12	8.58	8.58	-
36	ELECTRIC AND ELECTRONIC EQUIPMENT	298.23	300.29	305.56	318.40	$319.59	7.43	7.47	8.02	8.00	$8.05
361	Electric distributing equipment	291.91	296.40	293.46	309.66	-	7.39	7.41	7.91	7.80	-
3612	Transformers	287.28	294.98	285.61	303.31	-	7.20	7.23	7.74	7.64	-
3613	Switchgear and switchboard apparatus	295.93	297.47	299.46	314.82	-	7.53	7.55	8.05	7.93	-
362	Electrical industrial apparatus	311.25	316.00	313.68	326.30	-	7.61	7.67	8.19	8.24	-
3621	Motors and generators	312.94	319.19	317.04	328.43	-	7.67	7.71	8.15	8.17	-
3622	Industrial controls	296.40	301.44	297.85	315.83	-	7.41	7.48	8.05	8.14	-
363	Household appliances	291.00	300.89	283.65	303.96	-	7.50	7.56	7.99	8.02	-
3632	Household refrigerators and freezers	336.48	355.10	329.80	362.94	-	8.54	8.64	9.29	9.33	-
3633	Household laundry equipment	344.27	345.64	316.18	355.13	-	8.85	8.88	9.41	9.42	-
3634	Electric housewares and fans	230.73	238.19	223.59	226.26	-	6.04	6.03	6.45	6.32	-
364	Electric lighting and wiring equipment	271.66	277.38	286.87	297.75	-	6.86	6.90	7.49	7.53	-
3641	Electric lamps	304.17	306.40	340.90	345.58	-	7.72	7.66	8.48	8.47	-
3643	Current carrying wiring devices	261.70	268.87	274.89	279.35	-	6.51	6.59	7.14	7.09	-
3644	Noncurrent carrying wiring devices	288.35	294.94	279.75	294.42	-	7.05	7.09	7.50	7.53	-
3645	Residential lighting fixtures	209.72	212.78	212.53	239.12	-	5.49	5.47	5.92	6.10	-
365	Radio and TV receiving equipment	256.46	278.46	284.99	297.16	-	6.95	7.14	7.62	7.63	-
3651	Radio and TV receiving sets	257.10	286.03	291.51	299.92	-	7.18	7.41	7.90	7.79	-
366	Communication equipment	342.23	344.25	361.68	375.77	-	8.45	8.50	9.25	9.21	-
3661	Telephone and telegraph apparatus	357.62	354.78	354.52	383.94	-	8.77	8.76	9.53	9.49	-
3662	Radio and TV communication equipment	332.07	337.79	366.73	371.05	-	8.24	8.32	9.10	9.05	-
367	Electronic components and accessories	256.92	257.90	269.89	277.70	-	6.47	6.48	7.01	6.95	-
3671,3	Electronic tubes	327.55	330.84	343.73	352.41	-	7.96	8.03	8.68	8.68	-
3674	Semiconductors and related devices	295.73	295.00	313.21	320.39	-	7.32	7.32	7.99	7.95	-
3679	Electronic components, nec	235.38	239.18	253.87	257.90	-	6.02	6.04	6.56	6.48	-
369	Misc. electrical equipment and supplies	333.13	342.45	333.46	352.04	-	8.52	8.54	8.94	8.89	-
3691	Storage batteries	322.37	321.01	340.61	348.38	-	8.33	8.21	8.94	8.91	-
3694	Engine electrical equipment	362.70	379.93	351.98	378.30	-	9.47	9.57	9.75	9.75	-
37	TRANSPORTATION EQUIPMENT	398.19	414.29	411.65	434.70	437.53	9.93	10.08	10.72	10.75	10.83
371	Motor vehicles and equipment	415.80	440.14	423.70	448.48	-	10.50	10.74	11.15	11.24	-
3711	Motor vehicles and car bodies	461.38	490.36	489.06	519.54	-	11.77	11.96	12.67	12.86	-
3713	Truck and bus bodies	331.63	335.41	366.03	351.50	-	8.46	8.47	9.29	9.25	-
3714	Motor vehicle parts and accessories	403.00	423.30	398.41	420.95	-	10.00	10.20	10.54	10.55	-
3715	Truck trailers	257.66	268.28	272.10	299.90	-	7.32	7.31	7.73	7.81	-
372	Aircraft and parts	413.34	417.30	440.88	458.43	-	9.96	10.00	10.94	11.02	-
3721	Aircraft	430.76	433.89	458.80	481.56	-	10.43	10.43	11.47	11.52	-
3724	Aircraft engines and engine parts	409.63	412.49	436.11	452.51	-	10.04	10.11	10.93	11.01	-
3728	Aircraft equipment, nec	381.74	387.43	409.45	417.00	-	9.94	9.91	9.89	10.00	-
373	Ship and boat building and repairing	345.93	363.44	335.48	375.06	-	8.67	8.80	9.45	9.40	-
3731	Shipbuilding and repairing	360.48	383.05	350.65	394.02	-	9.08	9.23	9.99	9.93	-
3732	Boat building and repairing	291.51	293.94	283.39	310.75	-	7.18	7.24	7.68	7.73	-
374	Railroad equipment	399.24	409.73	413.28	427.43	-	10.59	10.67	11.08	11.16	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P	Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P
	MACHINERY, EXCEPT ELECTRICAL—Continued										
3531	Construction machinery	39.2	40.5	37.9	39.4	-	1.8	1.9	1.3	1.6	-
3532	Mining machinery	41.6	41.6	39.5	39.6	-	2.8	2.8	2.1	2.1	-
3533	Oil field machinery	45.3	45.6	44.1	45.1	-	5.7	6.3	6.1	5.8	-
3535	Conveyors and conveying equipment	38.2	38.2	38.6	40.1	-	2.4	2.4	2.8	2.7	-
3537	Industrial trucks and tractors	38.4	38.2	35.7	38.1	-	2.3	1.9	1.8	1.8	-
354	Metalworking machinery	41.8	42.3	40.0	41.1	-	4.4	4.5	3.3	3.3	-
3541	Machine tools, metal cutting types	43.1	43.4	40.8	40.5	-	5.0	5.1	3.4	2.9	-
3542	Machine tools, metal forming types	40.1	40.0	37.4	38.8	-	3.2	3.0	2.2	2.1	-
3544	Special dies, tools, jigs, and fixtures	42.3	43.1	41.1	42.0	-	5.3	5.5	4.3	4.4	-
3545	Machine tool accessories	41.0	41.9	38.6	40.0	-	3.7	3.7	2.0	1.8	-
3546	Power driven hand tools	39.0	38.4	37.1	42.0	-	1.9	1.5	1.9	2.9	-
355	Special industry machinery	41.2	41.4	38.5	40.3	-	3.1	3.0	2.3	2.5	-
3551	Food products machinery	40.5	40.4	38.3	40.1	-	2.4	2.3	2.1	2.4	-
3552	Textile machinery	40.3	40.8	32.3	38.8	-	2.2	2.0	1.0	1.8	-
3555	Printing trades machinery	42.9	43.2	39.9	40.7	-	4.4	4.4	2.9	3.0	-
356	General industrial machinery	40.7	41.1	38.9	40.3	-	3.2	3.2	2.3	2.5	-
3561	Pumps and pumping equipment	40.1	40.7	38.7	40.1	-	2.7	2.9	2.3	2.5	-
3562	Ball and roller bearings	42.2	42.2	39.3	40.8	-	4.1	3.8	2.6	2.5	-
3563	Air and gas compressors	42.0	42.3	39.5	41.7	-	4.0	4.0	3.1	3.2	-
3564	Blowers and fans	39.5	40.6	38.7	40.6	-	2.9	3.0	2.7	2.9	-
3566	Speed changers, drives, and gears	41.9	41.8	38.7	39.1	-	3.8	3.4	1.8	1.8	-
3568	Power transmission equipment, nec	40.6	41.0	39.1	40.7	-	3.2	3.3	2.1	2.4	-
357	Office and computing machines	40.8	40.9	40.4	41.5	-	2.5	2.5	2.4	2.6	-
3573	Electronic computing equipment	40.8	40.9	41.0	41.9	-	2.7	2.7	2.7	2.9	-
358	Refrigeration and service machinery	40.2	40.1	37.2	40.0	-	2.5	2.5	1.3	1.7	-
3585	Refrigeration and heating equipment	40.4	40.1	36.7	39.3	-	2.4	2.2	1.3	1.6	-
359	Misc. machinery, except electrical	40.3	41.0	38.5	40.0	-	3.6	3.8	2.9	3.1	-
3592	Carburetors, pistons, rings, valves	39.8	40.4	36.3	39.5	-	2.6	2.4	.9	1.4	-
3599	Machinery, except electrical, nec	40.4	41.1	38.9	40.1	-	3.8	4.0	3.2	3.3	-
36	**ELECTRIC AND ELECTRONIC EQUIPMENT**	39.6	40.2	38.1	39.8	39.7	2.2	2.3	1.7	1.9	-
361	Electric distributing equipment	39.5	40.0	37.1	39.7	-	2.5	2.5	2.1	1.9	-
3612	Transformers	39.9	40.8	36.9	39.7	-	2.3	2.6	2.4	2.2	-
3613	Switchgear and switchboard apparatus	39.3	39.4	37.2	39.7	-	2.6	2.5	1.9	1.7	-
362	Electrical industrial apparatus	40.9	41.2	38.3	39.6	-	2.9	2.9	1.6	1.7	-
3621	Motors and generators	40.8	41.4	38.9	40.2	-	2.8	3.0	1.8	1.9	-
3622	Industrial controls	40.0	40.3	37.0	38.8	-	2.6	2.4	1.0	1.1	-
363	Household appliances	38.8	39.8	35.5	37.9	-	1.8	1.9	1.0	1.1	-
3632	Household refrigerators and freezers	39.4	41.1	35.5	38.9	-	1.5	2.2	.6	.9	-
3633	Household laundry equipment	38.9	39.1	33.6	37.7	-	1.3	1.0	.6	.7	-
3634	Electric housewares and fans	38.2	39.5	34.2	35.8	-	1.4	1.4	.8	1.0	-
364	Electric lighting and wiring equipment	39.6	40.2	38.3	39.7	-	2.5	2.5	1.7	1.9	-
3641	Electric lamps	39.4	40.0	40.2	40.8	-	1.7	1.7	2.0	2.0	-
3643	Current carrying wiring devices	40.2	40.8	38.5	39.4	-	3.0	3.1	1.9	2.0	-
3644	Noncurrent carrying wiring devices	40.9	41.6	37.3	39.1	-	2.7	2.8	1.4	1.5	-
3645	Residential lighting fixtures	38.2	38.9	35.9	39.2	-	1.8	1.7	1.0	2.1	-
365	Radio and TV receiving equipment	36.9	39.0	37.4	39.1	-	.9	1.5	.6	.9	-
3651	Radio and TV receiving sets	37.2	38.6	36.9	38.5	-	1.1	1.4	.8	.8	-
366	Communication equipment	40.5	40.5	39.1	40.8	-	2.4	2.1	2.0	2.2	-
3661	Telephone and telegraph apparatus	40.8	40.5	37.2	40.5	-	2.4	1.9	1.6	2.0	-
3662	Radio and TV communication equipment	40.3	40.6	40.3	41.0	-	2.3	2.2	2.2	2.3	-
367	Electronic components and accessories	39.4	39.8	38.5	39.9	-	2.2	2.3	2.0	2.1	-
3671 3	Electronic tubes	41.2	41.2	39.6	40.6	-	2.1	2.3	1.8	1.9	-
3674	Semiconductors and related devices	40.4	40.3	39.2	40.3	-	2.6	2.6	2.4	2.5	-
3679	Electronic components, nec	39.1	39.6	38.7	39.8	-	2.3	2.3	2.0	2.1	-
369	Misc. electrical equipment and supplies	39.1	40.1	37.3	39.6	-	2.0	2.2	1.7	1.7	-
3691	Storage batteries	38.7	39.1	38.1	39.1	-	1.4	1.5	2.2	1.6	-
3694	Engine electrical equipment	38.3	39.7	36.1	38.8	-	1.8	2.1	1.3	1.4	-
37	**TRANSPORTATION EQUIPMENT**	40.1	41.1	38.4	40.4	40.4	3.0	3.2	2.2	2.5	-
371	Motor vehicles and equipment	39.6	41.0	38.0	39.9	-	2.5	2.8	1.5	1.8	-
3711	Motor vehicles and car bodies	39.2	41.0	38.6	40.4	-	2.5	2.6	1.4	1.8	-
3713	Truck and bus bodies	39.2	39.6	39.4	38.0	-	1.9	1.9	2.7	1.7	-
3714	Motor vehicle parts and accessories	40.3	41.5	37.8	39.9	-	2.7	3.2	1.5	2.0	-
3715	Truck trailers	35.2	36.7	35.2	38.4	-	.7	.8	.7	1.1	-
372	Aircraft and parts	41.5	41.7	40.3	41.6	-	3.7	3.7	3.2	3.5	-
3721	Aircraft	41.3	41.6	40.0	41.8	-	3.2	3.2	3.1	3.4	-
3724	Aircraft engines and engine parts	40.8	40.8	39.9	41.1	-	3.7	3.6	3.2	3.8	-
3728	Aircraft equipment, nec	42.7	43.0	41.4	41.7	-	4.6	4.7	3.6	3.8	-
373	Ship and boat building and repairing	39.9	41.3	35.5	39.9	-	3.7	4.0	2.0	2.4	-
3731	Ship building and repairing	39.7	41.5	35.1	39.8	-	3.7	4.1	2.1	2.3	-
3732	Boat building and repairing	40.6	40.6	36.9	40.2	-	3.5	3.6	1.8	2.8	-
374	Railroad equipment	37.7	38.4	37.3	38.3	-	1.8	2.2	1.3	1.2	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P	Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P
	TRANSPORTATION EQUIPMENT—Continued										
376	Guided missiles, space vehicles, parts	$400.32	$399.10	$429.05	$429.55	-	$9.86	$9.83	$10.62	$10.58	-
3761	Guided missiles and space vehicles	406.62	403.61	439.15	438.34	-	10.04	10.04	10.87	10.85	-
379	Miscellaneous transportation equipment	270.61	294.67	339.50	338.58	-	7.14	7.24	8.54	8.35	-
3792	Travel trailers and campers	223.48	254.07	268.53	281.09	-	6.26	6.42	7.48	7.32	-
38	INSTRUMENTS AND RELATED PRODUCTS	291.60	293.50	306.48	318.40	$321.58	7.20	7.23	7.94	7.96	$7.96
381	Engineering and scientific instruments	304.21	309.55	325.05	334.96	-	7.53	7.55	8.25	8.23	-
382	Measuring and controlling devices	287.24	291.72	294.90	311.65	-	7.11	7.15	7.72	7.93	-
3822	Environmental controls	262.00	265.34	274.90	283.40	-	6.55	6.65	7.37	7.25	-
3823	Process control instruments	297.91	303.00	311.66	334.91	-	7.11	7.18	7.89	8.07	-
3825	Instruments to measure electricity	299.15	303.96	309.58	321.26	-	7.46	7.45	7.91	8.11	-
383	Optical instruments and lenses	319.50	313.96	337.00	331.65	-	7.85	7.81	8.28	8.25	-
384	Medical instruments and supplies	246.00	246.76	256.68	269.60	-	5.95	6.20	6.90	6.86	-
3841	Surgical and medical instruments	243.95	245.42	267.33	276.00	-	5.95	6.03	6.98	6.90	-
3842	Surgical appliances and supplies	247.69	249.70	245.95	265.87	-	6.14	6.37	6.87	6.87	-
385	Ophthalmic goods	220.70	220.84	229.49	234.04	-	5.49	5.48	5.93	5.94	-
386	Photographic equipment and supplies	399.61	400.32	432.48	437.19	-	9.56	9.60	10.60	10.35	-
387	Watches, clocks, and watchcases	218.86	217.50	212.71	232.20	-	5.67	5.68	6.06	6.00	-
39	MISCELLANEOUS MANUFACTURING INDUSTRIES	223.87	227.57	231.58	244.09	246.13	5.83	5.85	6.31	6.34	6.36
391	Jewelry, silverware, and plated ware	233.00	237.88	238.26	249.83	-	6.23	6.26	6.60	6.68	-
3911	Jewelry, precious metal	233.84	235.88	238.12	247.16	-	6.32	6.29	6.67	6.79	-
393	Musical instruments	207.92	219.79	211.90	231.00	-	5.65	5.65	6.16	6.16	-
394	Toys and sporting goods	208.44	213.01	218.52	234.81	-	5.40	5.42	5.89	5.99	-
3942, 4	Dolls, games, toys, and children's vehicles	196.04	200.69	205.16	217.73	-	5.20	5.24	5.53	5.67	-
3949	Sporting and athletic goods, nec	218.50	224.32	228.91	249.15	-	5.57	5.58	6.17	6.26	-
395	Pens, pencils, office and art supplies	236.22	236.02	252.46	262.25	-	5.95	5.96	6.49	6.54	-
396	Costume jewelry and notions	193.15	198.90	194.75	203.30	-	5.03	5.10	5.44	5.35	-
3961	Costume jewelry	177.38	183.96	181.36	191.95	-	4.73	4.80	5.01	4.96	-
399	Miscellaneous manufactures	243.32	245.75	248.83	260.06	-	6.32	6.35	6.78	6.79	-
3993	Signs and advertising displays	257.94	260.55	261.00	279.94	-	6.77	6.75	7.23	7.29	-
	NONDURABLE GOODS										
20	FOOD AND KINDRED PRODUCTS	284.53	285.77	303.00	308.07	306.15	7.24	7.29	7.93	7.96	7.79
201	Meat products	282.59	282.94	304.18	296.81	-	7.34	7.33	7.86	7.63	-
2011	Meat packing plants	363.91	362.56	389.66	367.85	-	8.79	8.80	9.19	8.95	-
2013	Sausages and other prepared meats	326.87	328.77	356.06	347.91	-	8.49	8.43	9.26	8.99	-
2016	Poultry dressing plants	161.47	160.03	171.87	183.32	-	4.68	4.66	5.10	5.35	-
202	Dairy products	296.30	293.39	317.95	319.55	-	7.28	7.32	7.87	7.89	-
2022	Cheese, natural and processed	271.91	279.27	285.31	288.32	-	6.99	7.07	7.43	7.45	-
2026	Fluid milk	311.58	312.42	339.21	335.75	-	7.49	7.51	8.13	8.11	-
203	Preserved fruits and vegetables	247.43	243.08	263.73	274.40	-	6.28	6.38	6.85	6.85	-
2032	Canned specialties	279.57	269.25	312.71	329.87	-	7.15	7.03	7.59	7.78	-
2033	Canned fruits and vegetables	253.11	253.37	260.10	277.38	-	6.49	6.65	7.07	7.04	-
2037	Frozen fruits and vegetables	238.96	223.78	252.68	250.57	-	5.80	5.92	6.27	6.28	-
204	Grain mill products	333.06	332.31	365.01	364.20	-	7.93	7.95	8.67	8.61	-
2041	Flour and other grain mill products	355.64	353.87	383.64	381.06	-	8.01	7.97	8.66	8.72	-
2048	Prepared feeds, nec	276.41	272.54	291.70	295.26	-	6.55	6.52	7.06	7.03	-
205	Bakery products	291.46	292.60	298.02	309.14	-	7.61	7.60	8.21	8.20	-
2051	Bread, cake, and related products	286.88	286.51	304.79	306.90	-	7.65	7.62	8.26	8.23	-
2052	Cookies and crackers	306.47	308.39	279.34	315.48	-	7.53	7.54	8.05	8.11	-
206	Sugar and confectionery products	273.63	285.69	288.35	297.11	-	6.95	7.16	7.30	7.30	-
2061-3	Cane and beet sugar	337.88	357.00	341.23	338.40	-	7.95	8.50	8.01	8.02	-
2065	Confectionery products	233.74	247.54	247.50	262.15	-	6.20	6.38	6.60	6.62	-
207	Fats and oils	317.34	319.68	341.60	342.21	-	7.52	7.58	8.00	7.94	-
208	Beverages	333.26	338.05	368.97	381.24	-	9.48	8.58	9.41	9.36	-
2082	Malt beverages	457.41	474.86	541.45	556.84	-	11.35	11.47	12.77	12.86	-
2086	Bottled and canned soft drinks	250.91	250.00	261.85	274.48	-	6.45	6.46	7.02	7.02	-
209	Misc. foods and kindred products	241.80	241.42	244.67	259.16	-	6.38	6.37	6.84	6.82	-
21	TOBACCO MANUFACTURES	329.56	320.29	333.32	364.42	359.50	8.56	8.61	9.15	9.52	9.69
211	Cigarettes	400.75	377.25	409.73	436.57	-	10.12	10.06	11.07	11.31	-
22	TEXTILE MILL PRODUCTS	213.47	214.98	179.71	219.26	217.53	5.35	5.36	5.76	5.77	5.77
221	Weaving mills, cotton	215.91	218.50	167.56	226.31	-	5.48	5.49	5.90	5.94	-
222	Weaving mills, synthetics	231.01	232.96	193.60	230.66	-	5.58	5.60	6.07	6.07	-
223	Weaving and finishing mills, wool	225.09	231.99	236.21	245.78	-	5.45	5.55	5.92	5.98	-
224	Narrow fabric mills	197.47	200.16	194.39	210.13	-	4.90	4.93	5.37	5.34	-
225	Knitting mills	191.64	192.27	162.64	197.08	-	5.03	5.02	5.35	5.37	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P	Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P
	TRANSPORTATION EQUIPMENT—Continued	40.6	40.6	40.4	40.6	-	3.3	3.2	2.9	2.5	-
376	Guided missiles, space vehicles, parts	40.5	40.2	40.4	40.4	-	2.8	2.7	2.6	3.4	-
3761	Guided missiles and space vehicles	37.9	40.7	38.7	40.5	-	1.7	2.2	3.0	3.1	-
379	Miscellaneous transportation equipment	35.7	39.7	35.9	38.4	-	1.4	1.9	1.9	1.8	-
3792	Travel trailers and campers										
38	**INSTRUMENTS AND RELATED PRODUCTS**	40.5	40.6	38.6	40.0	40.4	2.3	2.3	1.7	1.9	-
381	Engineering and scientific instruments	40.4	41.0	39.4	40.7	-	3.0	3.0	2.3	2.4	-
382	Measuring and controlling devices	40.4	40.8	38.2	39.3	-	2.1	2.1	1.5	1.6	-
3822	Environmental controls	40.0	39.9	37.3	39.1	-	2.6	2.2	1.3	1.3	-
3823	Process control instruments	41.9	42.2	39.5	41.5	-	2.9	2.9	1.8	2.2	-
3825	Instruments to measure electricity	40.1	40.8	38.0	38.2	-	1.5	1.7	1.3	1.3	-
383	Optical instruments and lenses	40.7	40.2	40.7	40.2	-	3.2	3.1	2.0	2.7	-
384	Medical instruments and supplies	40.0	39.8	37.2	39.3	-	2.2	2.2	1.8	2.1	-
3841	Surgical and medical instruments	41.0	40.7	38.3	40.0	-	2.2	2.3	2.0	2.3	-
3842	Surgical appliances and supplies	39.1	39.2	35.8	38.7	-	2.4	2.3	1.8	2.2	-
385	Ophthalmic goods	40.2	40.3	38.7	39.4	-	1.5	1.4	1.2	1.3	-
386	Photographic equipment and supplies	41.8	41.7	40.8	42.2	-	2.9	2.9	2.3	2.6	-
387	Watches, clocks, and watchcases	38.6	38.3	35.1	38.7	-	1.0	.7	.7	1.4	-
39	**MISCELLANEOUS MANUFACTURING INDUSTRIES**	38.4	38.9	36.7	38.5	38.7	1.9	1.9	1.4	1.5	-
391	Jewelry, silverware, and plated ware	37.4	38.0	36.1	37.4	-	1.8	1.9	1.3	1.8	-
3911	Jewelry, precious metal	37.0	37.5	35.7	36.4	-	2.1	2.2	1.3	1.5	-
393	Musical instruments	36.8	38.9	34.4	37.5	-	.9	1.0	.7	.7	-
394	Toys and sporting goods	38.6	39.3	37.1	39.2	-	1.6	1.8	1.2	1.6	-
3942, 4	Dolls, games, toys, and children's vehicles	37.7	38.3	37.1	38.4	-	1.3	1.3	.9	1.2	-
3949	Sporting and athletic goods, nec	39.3	40.2	37.1	39.8	-	2.0	2.3	1.4	1.9	-
395	Pens, pencils, office and art supplies	39.7	39.6	38.9	40.1	-	2.2	2.4	1.9	1.8	-
396	Costume jewelry and notions	38.4	39.0	35.8	38.0	-	1.9	2.1	1.6	1.9	-
3961	Costume jewelry	37.5	37.7	36.2	38.7	-	1.6	1.7	1.6	2.5	-
399	Miscellaneous manufactures	38.5	38.7	36.7	38.3	-	2.1	1.9	1.4	1.5	-
3993	Signs and advertising displays	38.1	38.6	36.1	38.4	-	2.6	2.4	1.5	2.9	-
	NONDURABLE GOODS										
20	**FOOD AND KINDRED PRODUCTS**	39.3	39.2	38.8	39.7	39.3	3.6	3.3	3.7	3.4	-
201	Meat products	38.5	38.6	38.7	38.9	-	3.5	3.2	4.4	3.2	-
2011	Meat packing plants	41.4	41.2	42.4	41.1	-	4.9	4.2	5.7	4.1	-
2013	Sausages and other prepared meats	38.5	39.0	39.3	38.7	-	2.9	2.8	3.9	2.8	-
2016	Poultry dressing plants	34.8	35.2	33.7	36.3	-	2.1	2.0	3.0	2.2	-
202	Dairy products	40.7	40.9	40.4	40.5	-	3.7	3.7	3.6	3.5	-
2022	Cheese, natural and processed	38.9	39.5	38.4	38.7	-	3.2	3.4	2.8	2.9	-
2026	Fluid milk	41.6	41.6	41.6	41.4	-	4.2	3.9	4.3	4.3	-
203	Preserved fruits and vegetables	39.4	38.1	38.5	40.0	-	3.8	2.9	3.1	3.2	-
2032	Canned specialties	39.1	38.3	41.2	42.4	-	5.8	3.6	3.6	3.9	-
2033	Canned fruits and vegetables	39.0	38.1	36.8	39.4	-	3.0	2.5	2.1	2.6	-
2037	Frozen fruits and vegetables	41.2	37.8	40.3	39.9	-	5.4	3.0	4.5	4.1	-
204	Grain mill products	42.0	41.8	42.1	42.3	-	5.2	4.9	5.6	4.7	-
2041	Flour and other grain mill products	44.4	44.4	44.3	43.7	-	6.0	5.1	5.8	5.6	-
2048	Prepared feeds, nec	42.2	41.8	41.6	42.0	-	5.4	5.1	5.8	5.3	-
205	Bakery products	38.3	38.5	36.3	37.7	-	3.0	2.8	2.8	2.8	-
2051	Bread, cake, and related products	37.5	37.6	36.9	37.3	-	3.0	2.8	3.0	3.0	-
2052	Cookies and crackers	40.7	40.9	39.7	38.9	-	2.9	2.8	2.0	2.1	-
206	Sugar and confectionery products	39.4	39.9	39.5	40.7	-	2.7	2.7	2.7	3.0	-
2061-3	Cane and beet sugar	42.5	42.0	42.6	42.2	-	3.8	3.3	4.3	3.9	-
2065	Confectionery products	37.7	38.8	37.5	39.6	-	2.3	2.6	1.9	2.3	-
207	Fats and oils	42.2	42.2	42.7	43.1	-	4.9	4.5	5.6	5.2	-
208	Beverages	39.3	39.4	39.2	40.3	-	3.3	3.4	3.5	3.7	-
2082	Malt beverages	40.3	41.4	42.4	43.3	-	5.1	5.5	6.0	5.7	-
2086	Bottled and canned soft drinks	38.9	38.7	37.3	39.1	-	2.8	2.8	2.4	3.0	-
209	Misc. foods and kindred products	37.9	37.9	35.8	38.0	-	3.4	3.2	2.6	3.1	-
21	**TOBACCO MANUFACTURES**	38.5	37.2	36.1	38.3	37.1	2.5	1.0	1.1	1.3	-
211	Cigarettes	39.6	37.5	36.2	38.6	-	3.4	1.0	.9	1.5	-
22	**TEXTILE MILL PRODUCTS**	39.9	40.1	37.2	38.0	37.7	3.1	3.1	1.5	2.2	-
221	Weaving mills, cotton	39.4	39.8	28.4	38.1	-	3.0	3.0	1.1	2.3	-
222	Weaving mills, synthetics	41.4	41.6	31.4	38.0	-	3.8	3.8	1.5	2.3	-
223	Weaving and finishing mills, wool	41.3	41.8	39.9	41.1	-	3.3	3.8	3.6	3.8	-
224	Narrow fabric mills	40.3	40.6	36.2	40.1	-	2.7	2.6	1.9	2.0	-
225	Knitting mills	38.1	38.3	30.4	36.7	-	2.2	2.3	1.3	1.7	-

See footnotes at end of table

C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P	Feb. 1981	Mar. 1981	Jan 1982	Feb. 1982P	Mar. 1982P
	TEXTILE MILL PRODUCTS—Continued										
2251	Women's hosiery, except socks	$169.93	$176.60	$157.69	$193.13	-	$4.76	$4.76	$5.17	$5.15	-
2252	Hosiery, nec	180.40	181.93	147.90	182.94	-	4.76	4.75	5.10	5.11	-
2253	Knit outerwear mills	186.62	184.50	157.95	190.41	-	4.95	4.92	5.23	5.26	-
2254	Knit underwear mills	176.05	176.90	133.32	179.75	-	4.81	4.86	5.05	5.21	-
2257	Circular knit fabric mills	220.25	219.45	206.96	231.87	-	5.52	5.50	5.93	5.87	-
226	Textile finishing, except wool	236.43	238.14	209.84	242.93	-	5.69	5.67	6.19	6.15	-
2261	Finishing plants, cotton	238.84	243.02	222.63	243.32	-	5.77	5.80	6.15	6.16	-
2262	Finishing plants, synthetics	250.06	247.35	209.30	251.91	-	5.87	5.82	6.46	5.41	-
227	Floor covering mills	217.40	216.38	166.63	229.58	-	5.49	5.52	5.93	6.01	-
228	Yarn and thread mills	200.80	200.90	169.56	201.96	-	5.02	5.01	5.40	5.40	-
2281	Yarn mills, except wool	200.30	201.89	161.46	202.33	-	5.02	5.02	5.40	5.41	-
2282	Throwing and winding mills	190.30	188.94	179.57	188.19	-	4.83	4.82	5.19	5.17	-
229	Miscellaneous textile goods	248.47	249.31	219.08	251.86	-	5.93	5.95	6.35	6.36	-
23	APPAREL AND OTHER TEXTILE PRODUCTS	171.91	176.85	155.00	181.44	$180.25	4.87	4.94	5.20	5.14	$5.15
231	Men's and boys' suits and coats	199.00	205.82	186.34	215.62	-	5.59	5.67	6.05	5.94	-
232	Men's and boys' furnishings	160.82	164.06	134.68	170.05	-	4.53	4.57	4.81	4.75	-
2321	Men's and boys' shirts and nightwear	157.79	158.42	133.86	171.59	-	4.42	4.45	4.73	4.65	-
2327	Men's and boys' separate trousers	164.03	167.44	133.06	175.21	-	4.66	4.73	4.91	4.84	-
2328	Men's and boys' work clothing	157.00	161.45	128.98	163.57	-	4.41	4.46	4.69	4.66	-
233	Women's and misses' outerwear	163.11	166.90	155.04	172.21	-	4.84	4.88	5.10	5.08	-
2331	Women's and misses' blouses and waists	154.13	155.84	145.50	162.32	-	4.56	4.57	4.85	4.76	-
2335	Women's and misses' dresses	158.05	164.67	159.33	175.06	-	4.97	4.99	5.19	5.21	-
2337	Women's and misses' suits and coats	180.26	181.65	162.40	180.40	-	5.24	5.25	5.60	5.50	-
2339	Women's and misses' outerwear, nec	165.20	168.15	152.34	170.23	-	4.68	4.75	4.93	4.92	-
234	Women's and children's undergarments	159.92	162.79	140.36	162.15	-	4.43	4.46	4.71	4.70	-
2341	Women's and children's underwear	158.56	161.41	139.04	159.05	-	4.38	4.41	4.65	4.61	-
2342	Brassieres and allied garments	165.43	167.90	146.50	177.66	-	4.66	4.69	5.00	5.12	-
236	Children's outerwear	161.90	160.47	142.50	174.48	-	4.46	4.47	4.75	4.92	-
2361	Children's dresses and blouses	159.28	157.44	149.12	166.37	-	4.40	4.41	4.66	4.74	-
238	Misc. apparel and accessories	171.95	177.60	154.28	183.90	-	4.75	4.80	5.16	5.08	-
239	Misc. fabricated textile products	209.25	221.95	197.46	219.83	-	5.61	5.78	6.02	5.93	-
2391	Curtains and draperies	134.37	156.52	131.13	148.39	-	4.30	4.30	4.65	4.59	-
2392	House furnishing, nec	181.44	183.83	155.96	183.14	-	4.80	4.75	5.08	5.13	-
2396	Automotive and apparel trimmings	337.13	384.74	370.13	400.93	-	8.99	9.43	10.31	10.36	-
26	PAPER AND ALLIED PRODUCTS	349.42	351.92	374.59	378.90	376.97	8.28	8.30	9.07	9.09	9.08
261, 2 6	Paper and pulp mills	428.09	429.43	463.05	466.36	-	9.62	9.65	10.50	10.48	-
262	Paper mills, except building paper	431.10	432.45	466.67	470.39	-	9.58	9.61	10.44	10.43	-
263	Paperboard mills	429.13	433.29	481.42	469.92	-	9.82	9.87	10.77	10.68	-
264	Misc. converted paper products	298.33	301.26	319.20	325.18	-	7.33	7.33	8.00	7.97	-
2641	Paper coating and glazing	343.60	347.31	384.18	383.78	-	8.22	8.23	9.06	9.03	-
2642	Envelopes	269.78	272.70	292.99	299.96	-	6.71	6.75	7.38	7.37	-
2643	Bags, except textile bags	285.10	284.13	298.40	302.88	-	6.92	6.93	7.46	7.46	-
265	Paperboard containers and boxes	300.03	302.00	313.05	319.93	-	7.30	7.33	7.95	7.88	-
2651	Folding paperboard boxes	306.03	316.40	301.02	321.15	-	7.41	7.48	7.88	7.91	-
2653	Corrugated and solid fiber boxes	315.33	313.12	334.80	338.24	-	7.58	7.60	8.37	8.27	-
2654	Sanitary food containers	287.73	291.48	298.60	302.50	-	6.90	6.94	7.40	7.35	-
27	PRINTING AND PUBLISHING	293.72	297.54	311.68	319.06	320.66	7.96	8.02	8.61	8.60	8.62
271	Newspapers	270.91	270.10	283.27	291.39	-	8.16	8.16	8.77	8.93	-
272	Periodicals	285.70	285.36	317.63	333.21	-	7.68	7.63	8.47	8.61	-
273	Books	269.89	273.94	289.02	298.34	-	7.14	7.19	7.94	7.81	-
2731	Book publishing	259.98	265.41	278.78	290.70	-	6.97	7.04	7.68	7.59	-
2732	Book printing	280.36	287.71	309.40	307.09	-	7.32	7.35	8.23	8.06	-
274	Miscellaneous publishing	229.16	234.61	273.96	282.65	-	5.78	6.84	7.61	7.66	-
275	Commercial printing	316.74	323.98	334.13	340.61	-	8.27	8.35	8.91	8.87	-
2751	Commercial printing, letterpress	291.02	296.00	313.76	318.97	-	7.74	7.81	8.48	8.35	-
2752	Commercial printing, lithographic	328.87	337.90	347.54	353.05	-	8.52	8.62	9.17	9.17	-
276	Manifold business forms	310.84	313.61	341.02	335.41	-	7.81	7.86	8.59	8.47	-
278	Blankbooks and bookbinding	234.40	239.86	244.20	247.21	-	6.12	6.23	6.60	6.61	-
279	Printing trade services	382.79	377.85	394.94	412.87	-	10.10	10.13	10.56	10.78	-
28	CHEMICALS AND ALLIED PRODUCTS	365.20	367.78	394.94	397.58	398.28	8.80	8.84	9.68	9.65	9.68
281	Industrial inorganic chemicals	401.86	402.97	443.62	442.90	-	9.66	9.71	10.82	10.75	-
2819	Industrial inorganic chemicals, nec	397.55	402.94	449.45	444.22	-	9.72	9.78	10.83	10.73	-
282	Plastics materials and synthetics	361.01	363.49	386.24	388.55	-	8.72	8.78	9.49	9.50	-
2821	Plastics materials and resins	408.67	409.88	425.52	425.34	-	9.46	9.51	10.18	10.20	-
2824	Organic fibers, noncellulosic	329.64	331.67	360.40	365.22	-	8.20	8.23	9.01	9.04	-
283	Drugs	329.65	331.71	36[illegible]	370.30	-	8.06	8.15	8.87	8.99	-
2834	Pharmaceutical preparations	311.16	314.31	34[illegible]	348.75	-	7.76	7.76	8.54	8.59	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P	Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P
	TEXTILE MILL PRODUCTS—Continued										
2251	Women's hosiery, except socks	35.7	37.1	30.5	37.5	-	1.1	1.8	1.9	2.2	-
2252	Hosiery, nec	37.9	38.3	29.0	35.8	-	1.8	2.0	.8	1.3	-
2253	Knit outerwear mills	37.7	37.5	30.2	36.2	-	2.2	2.1	1.0	1.4	-
2254	Knit underwear mills	36.6	36.4	26.4	34.5	-	1.1	1.2	.6	.7	-
2257	Circular knit fabric mills	39.9	39.9	34.9	39.5	-	3.0	2.9	2.0	2.6	-
226	Textile finishing, except wool	41.2	42.0	33.9	39.5	-	3.6	3.9	1.9	3.4	-
2261	Finishing plants, cotton	40.7	41.9	36.2	39.5	-	3.4	4.1	1.6	2.5	-
2262	Finishing plants, synthetics	42.6	42.5	32.4	39.3	-	4.3	4.1	2.2	4.5	-
227	Floor covering mills	39.6	39.2	28.1	38.2	-	3.0	3.1	.7	1.6	-
228	Yarn and thread mills	40.0	40.1	31.4	37.4	-	3.3	3.2	1.6	2.0	-
2281	Yarn mills, except wool	39.9	40.2	29.9	37.4	-	3.3	3.3	1.3	2.1	-
2282	Throwing and winding mills	39.4	39.2	34.6	36.4	-	3.3	3.1	2.0	1.7	-
229	Miscellaneous textile goods	41.9	41.9	34.5	39.6	-	3.8	3.8	2.0	2.8	-
23	**APPAREL AND OTHER TEXTILE PRODUCTS**	35.3	35.8	30.0	35.3	35.0	1.0	1.1	.7	1.0	-
231	Men's and boys' suits and coats	35.6	36.3	30.8	36.3	-	.6	.7	.6	.9	-
232	Men's and boys' furnishings	35.5	35.9	28.0	35.8	-	.8	.8	.6	.9	-
2321	Men's and boys' shirts and nightwear	35.7	35.6	28.3	36.9	-	.9	.9	.7	1.0	-
2327	Men's and boys' separate trousers	35.2	35.4	27.1	36.2	-	.8	.8	1.1	1.4	-
2328	Men's and boys' work clothing	35.6	36.2	27.5	35.1	-	.7	.7	.3	.6	-
233	Women's and misses' outerwear	33.7	34.2	30.4	33.9	-	1.0	1.0	.7	1.0	-
2331	Women's and misses' blouses and waists	33.8	34.1	30.0	34.1	-	.9	.9	.5	.9	-
2335	Women's and misses' dresses	31.8	33.0	30.7	33.6	-	.9	1.0	.8	.9	-
2337	Women's and misses' suits and coats	34.4	34.6	29.0	32.8	-	.8	.9	.4	.9	-
2339	Women's and misses' outerwear, nec	35.3	35.4	30.9	34.6	-	1.2	1.2	.9	1.1	-
234	Women's and children's undergarments	36.1	36.5	29.8	34.5	-	1.2	1.2	.7	.8	-
2341	Women's and children's underwear	36.2	36.6	29.9	34.5	-	1.2	1.3	.7	.8	-
2342	Brassieres and allied garments	35.5	35.8	29.3	34.7	-	1.0	1.0	.5	.7	-
236	Children's outerwear	36.3	35.9	30.0	36.2	-	1.2	1.1	.9	1.4	-
2381	Children's dresses and blouses	36.2	35.7	32.0	35.1	-	1.1	1.1	.6	1.2	-
238	Misc. apparel and accessories	36.2	37.0	29.9	36.2	-	1.0	1.3	.6	1.0	-
239	Misc. fabricated textile products	37.3	38.4	32.8	36.7	-	1.3	1.7	.9	1.4	-
2391	Curtains and draperies	35.9	36.4	28.2	32.4	-	.2	.3	.5	.5	-
2392	House furnishings, nec	37.8	38.7	30.7	35.7	-	1.6	1.6	.8	1.4	-
2396	Automotive and apparel trimmings	37.5	40.8	35.9	38.7	-	.8	2.2	.6	1.6	-
26	**PAPER AND ALLIED PRODUCTS**	42.2	42.4	41.3	42.1	41.7	4.4	4.3	4.3	4.1	-
261, 2, 6	Paper and pulp mills	44.5	44.5	44.1	44.5	-	6.4	6.3	6.2	5.9	-
262	Paper mills, except building paper	45.0	45.0	44.7	45.1	-	6.6	6.6	6.4	6.1	-
263	Paperboard mills	43.7	43.9	43.7	44.0	-	6.8	7.1	8.3	7.5	-
264	Misc. converted paper products	40.7	41.1	39.9	40.8	-	2.9	2.8	2.6	2.6	-
2641	Paper coating and glazing	41.8	42.2	42.4	42.5	-	2.9	3.1	2.7	2.4	-
2642	Envelopes	40.2	40.4	39.7	40.7	-	2.3	2.1	2.5	2.4	-
2643	Bags, except textile bags	41.2	41.0	40.0	40.6	-	3.2	2.8	2.8	2.8	-
265	Paperboard containers and boxes	41.1	41.2	39.0	40.6	-	3.2	3.1	2.9	2.7	-
2651	Folding paperboard boxes	41.3	42.3	38.2	40.6	-	3.4	4.0	3.0	2.6	-
2653	Corrugated and solid-fiber boxes	41.6	41.2	40.0	40.9	-	3.2	3.0	3.4	3.1	-
2654	Sanitary food containers	41.7	42.0	39.0	41.1	-	3.2	3.2	2.4	2.5	-
27	**PRINTING AND PUBLISHING**	36.9	37.1	36.2	37.1	37.2	2.2	2.4	2.2	2.3	-
271	Newspapers	33.2	33.1	32.3	33.0	-	1.3	1.3	1.2	1.4	-
272	Periodicals	37.2	37.4	37.5	38.7	-	2.1	2.3	2.2	2.9	-
273	Books	37.8	38.1	36.4	38.2	-	2.0	2.5	2.1	2.6	-
2731	Book publishing	37.3	37.7	36.3	38.3	-	1.4	2.0	1.0	1.4	-
2732	Book printing	38.3	38.6	36.5	38.1	-	2.8	3.0	3.4	4.1	-
274	Miscellaneous publishing	33.8	34.3	36.0	36.9	-	1.1	1.3	.9	1.5	-
275	Commercial printing	38.3	38.8	37.5	38.4	-	2.8	3.1	2.7	2.7	-
2751	Commercial printing, letterpress	37.6	37.9	37.0	38.2	-	2.0	2.3	2.1	2.2	-
2752	Commercial printing, lithographic	38.6	39.2	37.9	38.5	-	3.2	3.5	3.0	3.0	-
276	Manifold business forms	39.8	39.9	39.7	39.6	-	2.6	2.3	3.3	2.4	-
278	Blankbooks and bookbinding	38.3	38.5	37.0	37.4	-	1.7	1.7	1.6	1.3	-
279	Printing trade service	37.9	37.3	37.4	38.3	-	3.7	3.1	2.9	3.6	-
28	**CHEMICALS AND ALLIED PRODUCTS**	41.5	41.6	40.8	41.2	40.9	3.3	3.3	3.1	2.9	-
281	Industrial inorganic chemicals	41.6	41.5	41.0	41.2	-	3.4	3.2	3.5	3.3	-
2819	Industrial inorganic chemicals, nec	40.9	41.2	41.5	41.4	-	3.0	3.0	3.6	3.4	-
282	Plastics materials and synthetics	41.4	41.4	40.7	40.9	-	3.0	3.0	2.8	2.7	-
2821	Plastics materials and resins	43.2	43.1	41.8	41.7	-	4.6	4.5	3.6	3.3	-
2824	Organic fibers, noncellulosic	40.2	40.3	40.0	40.4	-	1.7	1.8	1.9	2.0	-
283	Drugs	40.9	40.7	41.3	41.7	-	3.1	3.0	3.0	2.9	-
2834	Pharmaceutical preparations	40.1	40.4	39.9	40.6	-	3.0	3.0	2.8	2.7	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P	Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P
	CHEMICALS AND ALLIED PRODUCTS—Cont'd	$324.81	$330.88	$353.42	$361.08	-	$8.10	$8.09	$8.97	$8.85	-
284	Soap, cleaners, and toilet goods	434.92	445.83	486.63	483.51	-	10.38	10.49	11.45	11.35	-
2841	Soap and other detergents	258.99	264.47	265.50	285.42	-	6.59	6.53	7.08	7.10	-
2844	Toilet preparations	299.47	304.92	339.89	341.82	-	7.62	7.70	8.76	8.61	-
2842, 3	Polishing, sanitation, and finishing preparations	314.40	325.21	324.02	331.96	-	7.86	8.01	8.46	8.49	-
285	Paints and allied products	438.96	445.30	473.88	473.30	-	10.28	10.38	11.22	11.35	-
286	Industrial organic chemicals	399.92	389.05	448.98	448.36	-	9.66	9.63	10.69	10.83	-
2865	Cyclic crudes and intermediates	451.26	463.22	482.22	481.54	-	10.47	10.60	11.40	11.52	-
2861, 9	Gum, wood, and industrial organic chemicals, nec	382.36	375.82	399.31	406.78	-	8.69	8.60	9.53	9.46	-
287	Agricultural chemicals	339.87	338.25	366.83	364.18	-	8.17	8.21	9.08	8.97	-
289	Miscellaneous chemical products	481.53	478.40	512.89	512.55	$502.25	11.33	11.23	11.90	12.06	$11.93
29	PETROLEUM AND COAL PRODUCTS	521.30	515.03	553.75	550.82	-	12.18	12.09	12.50	12.78	-
291	Petroleum refining	337.68	356.21	335.92	347.06	-	8.04	8.17	9.03	8.72	-
295	Paving and roofing materials	283.01	287.75	288.80	303.60	304.00	7.04	7.07	7.62	7.59	7.50
30	RUBBER AND MISC. PLASTICS PRODUCTS	439.30	439.74	452.39	472.73	-	10.56	10.52	11.57	11.53	-
301	Tires and inner tubes	181.03	179.45	182.07	205.14	-	4.56	4.71	5.10	5.26	-
302	Rubber and plastics footwear	306.45	316.92	315.02	326.70	-	7.42	7.51	8.14	8.25	-
303, 4	Reclaimed rubber, and rubber and plastics hose and belting	259.89	265.43	268.05	282.98	-	6.53	6.57	7.11	7.11	-
306	Fabricated rubber products, nec	254.96	261.46	257.11	269.84	-	6.39	6.44	6.82	6.78	-
307	Miscellaneous plastics products	179.10	180.32	172.49	184.43	185.31	4.88	4.90	5.18	5.21	5.22
31	LEATHER AND LEATHER PRODUCTS	260.34	263.16	255.30	271.66	-	6.46	6.45	6.90	6.93	-
311	Leather tanning and finishing	171.34	172.06	163.00	175.35	-	4.72	4.74	5.00	5.01	-
314	Footwear, except rubber	187.50	188.00	169.37	186.20	-	5.00	5.00	5.26	5.26	-
3143	Men's footwear, except athletic	159.46	158.58	158.11	167.53	-	4.53	4.57	4.85	4.87	-
3144	Women's footwear, except athletic	193.92	194.43	174.20	181.83	-	5.05	4.96	5.41	5.51	-
316	Luggage	164.06	165.04	165.19	175.86	-	4.57	4.61	4.93	4.94	-
317	Handbags and personal leather goods	373.28	371.15	389.76	397.26	391.45	9.45	9.42	10.15	10.16	10.14
	TRANSPORTATION AND PUBLIC UTILITIES										
	RAILROAD TRANSPORTATION	469.10	452.12	445.50	-	-	10.71	10.49	11.25	-	-
4011	Class I railroads										
41	LOCAL AND INTERURBAN PASSENGER TRANSIT	216.75	215.41	234.13	234.06	-	5.47	5.43	7.16	7.05	-
411	Local and suburban transportation	275.93	276.71	299.86	301.78	-	7.13	7.15	7.63	7.64	-
413	Intercity, highway transportation	367.14	336.17	400.42	385.93	-	10.43	10.44	11.64	11.09	-
42	TRUCKING AND WAREHOUSING	376.16	378.49	375.18	395.65	-	9.67	9.68	10.14	10.25	-
421, 3	Trucking and trucking terminals	384.93	386.90	383.32	404.80	-	9.87	9.87	10.36	10.46	-
422	Public warehousing	259.08	261.67	261.65	269.14	-	6.80	6.85	7.11	7.12	-
46	PIPE LINES, EXCEPT NATURAL GAS	478.88	478.84	494.81	506.10	-	11.68	11.32	11.67	12.05	-
48	COMMUNICATION	360.87	356.96	393.35	394.57	-	9.09	9.06	10.06	10.08	-
481	Telephone communication	378.53	370.40	413.69	413.03	-	9.34	9.33	10.45	10.43	-
4817	Switchboard operating employees	258.91	248.30	287.71	293.91	-	7.66	7.57	8.64	8.67	-
4818	Line construction employees*	481.14	466.28	510.35	513.94	-	11.01	10.92	11.98	11.98	-
483	Radio and television broadcasting	296.70	297.14	324.86	317.90	-	7.87	7.84	8.64	8.50	-
49	ELECTRIC, GAS, AND SANITARY SERVICES	397.99	399.51	444.36	437.00	-	9.59	9.65	10.58	10.53	-
491	Electric services	409.92	409.78	445.42	441.83	-	9.76	9.78	10.58	10.57	-
492	Gas production and distribution	362.37	366.87	411.28	395.24	-	8.86	8.97	9.70	9.64	-
493	Combination utility services	436.77	439.60	505.26	499.45	-	10.55	10.67	12.03	11.92	-
495	Sanitary services	308.10	308.91	345.22	336.98	-	7.57	7.59	8.42	8.33	-
	WHOLESALE AND RETAIL TRADE	185.13	186.62	191.99	193.73	193.73	5.84	5.85	6.17	6.15	6.15
50, 51	WHOLESALE TRADE	282.65	285.67	303.51	302.93	303.28	7.38	7.42	7.95	7.93	7.95
50	WHOLESALE TRADE DURABLE GOODS	285.22	289.03	301.75	303.77	-	7.37	7.43	7.92	7.89	-
501	Motor vehicles and automotive equipment	259.58	263.64	265.24	268.80	-	6.76	6.83	7.13	7.13	-
502	Furniture and home furnishings	250.28	253.27	261.72	265.24	-	6.71	6.79	7.21	7.12	-
503	Lumber and construction materials	289.94	292.99	292.76	299.47	-	7.61	7.61	7.87	7.86	-
504	Sporting goods, toys, and hobby goods	295.13	294.03	320.29	321.27	-	7.67	7.82	8.61	8.59	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P	Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P
	CHEMICALS AND ALLIED PRODUCTS—Cont'd										
284	Soap, cleaners, and toilet goods	40.1	40.9	39.4	40.8	-	2.7	2.8	2.6	2.4	-
2841	Soap and other detergents	41.9	42.5	42.5	42.6	-	3.8	3.8	3.7	3.4	-
2844	Toilet preparations	39.3	40.5	37.5	40.2	-	2.4	2.6	1.9	2.7	-
2842, 3	Polishing, sanitation, and finishing preparations	39.3	39.6	38.8	39.7	-	1.9	2.1	2.4	1.8	-
285	Paints and allied products	40.0	40.6	38.3	39.1	-	2.3	2.8	1.6	1.3	-
286	Industrial organic chemicals	42.7	42.9	42.2	41.7	-	3.9	3.8	3.5	3.1	-
2865	Cyclic crudes and intermediates	41.4	40.4	42.0	41.4	-	4.0	3.4	3.1	2.2	-
2861, 9	Gum, wood, and industrial organic chemicals, nec	43.1	43.7	42.3	41.8	-	3.8	4.3	3.7	3.4	-
287	Agricultural chemicals	44.0	43.7	41.9	43.0	-	5.4	5.4	4.5	4.5	-
289	Miscellaneous chemical products	41.6	41.2	40.4	40.6	-	3.5	3.2	3.2	2.5	-
29	**PETROLEUM AND COAL PRODUCTS**	42.5	42.6	43.1	42.5	42.1	3.7	3.6	4.0	3.3	-
291	Petroleum refining	42.8	42.6	44.3	43.1	-	3.6	3.3	4.3	3.1	-
295	Paving and roofing materials	42.0	43.6	37.2	39.8	-	5.0	5.7	2.8	3.3	-
30	**RUBBER AND MISC. PLASTICS PRODUCTS**	40.2	40.7	37.9	40.0	40.0	3.0	3.1	2.4	2.6	-
301	Tires and inner tubes	41.6	41.8	39.1	41.0	-	3.6	3.1	2.6	2.7	-
302	Rubber and plastics footwear	39.7	38.1	35.7	39.0	-	2.3	2.2	1.1	2.2	-
303, 4	Reclaimed rubber, and rubber and plastics hose and belting	41.3	42.2	38.7	39.6	-	2.7	3.5	1.5	2.3	-
306	Fabricated rubber products, nec	39.8	40.4	37.7	39.8	-	2.5	2.6	2.0	2.1	-
307	Miscellaneous plastics products	39.9	40.6	37.7	39.8	-	3.0	3.2	2.6	2.7	-
31	**LEATHER AND LEATHER PRODUCTS**	36.7	36.8	33.3	35.4	35.5	1.4	1.3	1.1	1.1	-
311	Leather tanning and finishing	40.3	40.8	37.0	39.2	-	3.2	3.3	2.5	2.8	-
314	Footwear, except rubber	36.3	36.3	32.6	35.0	-	1.1	.9	.9	.9	-
3143	Men's footwear, except athletic	37.5	37.6	32.2	35.4	-	1.4	1.0	1.0	.9	-
3144	Women's footwear, except athletic	35.2	34.7	32.6	34.4	-	1.0	.8	.8	.8	-
316	Luggage	38.4	39.2	32.2	33.0	-	1.4	1.7	1.6	.7	-
317	Handbags and personal leather goods	35.9	35.8	34.2	35.6	-	1.9	1.5	1.0	.9	-
-	**TRANSPORTATION AND PUBLIC UTILITIES**	39.5	39.4	38.4	39.1	38.9	-	-	-	-	-
	RAILROAD TRANSPORTATION										
4011	Class I railroads[2]	43.8	43.1	39.6	-	-	-	-	-	-	-
41	**LOCAL AND INTERURBAN PASSENGER TRANSIT**	33.5	33.5	32.7	33.2	-	-	-	-	-	-
411	Local and suburban transportation	38.7	38.7	39.3	39.5	-	-	-	-	-	-
413	Intercity highway transportation	35.2	32.2	34.4	34.8	-	-	-	-	-	-
42	**TRUCKING AND WAREHOUSING**	38.9	39.1	37.0	38.6	-	-	-	-	-	-
421, 3	Trucking and trucking terminals	39.0	39.2	37.0	38.7	-	-	-	-	-	-
422	Public warehousing	38.1	38.2	36.8	37.8	-	-	-	-	-	-
46	**PIPE LINES, EXCEPT NATURAL GAS**	41.0	42.3	42.4	42.0	-	-	-	-	-	-
48	**COMMUNICATION**	39.7	39.4	39.1	39.3	-	-	-	-	-	-
481	Telephone communication	40.1	39.7	39.3	39.6	-	-	-	-	-	-
4817	Switchboard operating employees	33.8	32.8	33.3	33.9	-	-	-	-	-	-
4818	Line construction employees[3]	43.7	42.7	42.6	42.9	-	-	-	-	-	-
483	Radio and television broadcasting	37.7	37.9	37.6	37.4	-	-	-	-	-	-
49	**ELECTRIC, GAS, AND SANITARY SERVICES**	41.5	41.4	42.0	41.5	-	-	-	-	-	-
491	Electric services	42.0	41.9	42.1	41.8	-	-	-	-	-	-
492	Gas production and distribution	40.9	40.9	42.4	41.0	-	-	-	-	-	-
493	Combination utility services	41.4	41.2	42.0	41.9	-	-	-	-	-	-
495	Sanitary services	40.7	40.7	41.0	40.6	-	-	-	-	-	-
-	**WHOLESALE AND RETAIL TRADE**	31.7	31.9	31.1	31.5	31.5	-	-	-	-	-
50, 51	**WHOLESALE TRADE**	38.3	38.5	37.8	38.2	38.1	-	-	-	-	-
50	**WHOLESALE TRADE-DURABLE GOODS**	38.7	38.9	38.1	38.5	-	-	-	-	-	-
501	Motor vehicles and automotive equipment	38.4	38.6	37.2	37.7	-	-	-	-	-	-
502	Furniture and home furnishings	37.3	37.3	36.3	37.2	-	-	-	-	-	-
503	Lumber and construction materials	38.1	38.5	37.2	38.1	-	-	-	-	-	-
504	Sporting goods, toys, and hobby goods	37.5	37.6	37.2	37.4	-	-	-	-	-	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P	Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P
	WHOLESALE TRADE DURABLE GOODS—Continued										
505	Metals and minerals, except petroleum	$343.73	$345.14	$345.19	$351.90	-	$8.68	$8.65	$8.06	$8.00	-
506	Electrical goods	302.64	307.32	337.04	333.37	-	7.78	7.88	8.62	8.57	-
507	Hardware, plumbing, and heating equipment	263.34	264.58	281.15	281.51	-	6.84	6.89	7.36	7.35	-
508	Machinery, equipment, and supplies	295.60	299.86	314.63	316.29	-	7.56	7.63	8.13	8.11	-
509	Miscellaneous durable goods	233.46	239.17	236.16	246.18	-	6.16	6.18	6.56	6.53	-
51	**WHOLESALE TRADE NONDURABLE GOODS**	277.49	280.48	299.20	301.60	-	7.38	7.42	8.00	8.00	-
511	Paper and paper products	304.43	313.22	316.97	322.65	-	8.25	8.42	8.59	8.65	-
512	Drugs, proprietaries, and sundries	291.14	288.97	308.42	314.13	-	7.89	7.81	8.52	8.63	-
513	Apparel, piece goods, and notions	240.67	245.81	258.12	263.15	-	5.54	6.59	7.19	7.19	-
514	Groceries and related products	278.98	280.46	301.98	304.34	-	7.40	7.40	8.01	8.03	-
516	Chemicals and allied products	347.60	349.38	362.45	364.33	-	8.89	8.89	9.39	9.39	-
517	Petroleum and petroleum products	351.43	353.42	385.52	379.45	-	8.83	8.97	9.59	9.51	-
518	Beer, wine, and distilled beverages	304.43	312.06	334.69	330.86	-	8.25	8.48	9.22	9.04	-
519	Miscellaneous nondurable goods	230.51	232.26	243.66	248.25	-	6.05	6.08	6.55	6.55	-
52-59	**RETAIL TRADE**	153.92	154.96	157.76	159.89	$159.35	5.20	5.20	5.44	5.42	$5.42
52	**BUILDING MATERIALS AND GARDEN SUPPLIES**	202.94	204.79	207.09	209.79	-	5.56	5.58	5.90	5.86	-
521	Lumber and other building materials	221.18	226.79	221.43	225.06	-	5.79	5.83	6.10	6.05	-
525	Hardware stores	165.17	164.67	174.57	175.54	-	4.96	4.96	5.29	5.24	-
53	**GENERAL MERCHANDISE STORES**	142.29	145.80	147.64	149.29	-	5.10	5.08	5.33	5.37	-
531	Department stores	146.53	150.72	154.01	154.57	-	5.29	5.27	5.54	5.58	-
533	Variety stores	117.99	119.19	114.11	120.98	-	4.14	4.11	4.18	4.23	-
539	Misc. general merchandise stores	120.22	125.04	123.52	123.54	-	4.16	4.21	4.38	4.35	-
54	**FOOD STORES**	206.55	207.10	213.31	216.25	-	6.75	6.79	7.04	7.09	-
541	Grocery stores	215.29	215.82	221.74	224.60	-	6.99	7.03	7.27	7.34	-
546	Retail bakeries	137.37	136.12	134.10	142.48	-	4.82	4.81	4.93	4.93	-
55	**AUTOMOTIVE DEALERS AND SERVICE STATIONS**	223.13	226.88	230.64	230.64	-	5.95	6.05	6.20	6.20	-
551, 2	New and used car dealers	264.34	271.10	265.46	270.27	-	6.92	7.06	7.06	7.15	-
553	Auto and home supply stores	215.34	219.35	240.00	229.86	-	5.37	5.47	6.00	5.79	-
554	Gasoline service stations	168.50	168.38	175.79	175.79	-	4.76	4.77	4.98	4.98	-
56	**APPAREL AND ACCESSORY STORES**	126.59	128.24	131.65	133.51	-	4.57	4.58	4.84	4.82	-
561	Men's and boys' clothing and furnishings	161.79	162.65	170.19	167.55	-	5.27	5.23	5.58	5.44	-
562	Women's ready-to-wear stores	113.26	115.24	117.71	118.37	-	4.29	4.30	4.58	4.45	-
565	Family clothing stores	123.30	125.66	126.46	132.13	-	4.50	4.52	4.79	4.84	-
566	Shoe stores	128.87	130.29	130.02	136.50	-	4.57	4.67	4.78	5.03	-
57	**FURNITURE AND HOME FURNISHINGS STORES**	198.46	201.34	209.84	209.37	-	5.82	5.87	6.19	6.18	-
571	Furniture and home furnishings stores	199.86	200.90	207.93	207.33	-	5.81	5.84	6.17	6.08	-
572	Household appliance stores	211.58	215.78	219.30	218.49	-	6.08	6.13	6.45	6.37	-
573	Radio, television, and music stores	188.91	194.30	208.28	210.33	-	5.69	5.80	6.09	6.15	-
58	**EATING AND DRINKING PLACES**	100.49	101.01	100.78	104.49	-	3.91	3.90	4.08	4.05	-
59	**MISCELLANEOUS RETAIL**	158.81	157.99	163.18	165.09	-	5.09	5.08	5.35	5.36	-
591	Drug stores and proprietary stores	134.78	134.78	142.00	142.22	-	4.68	4.68	5.00	4.99	-
594	Miscellaneous shopping goods stores	142.67	142.71	145.53	149.20	-	4.74	4.71	4.95	4.99	-
596	Nonstore retailers	190.64	197.47	192.07	200.08	-	5.83	5.93	6.04	6.10	-
598	Fuel and ice dealers	276.40	261.32	305.45	288.86	-	6.91	6.77	7.45	7.35	-
599	Retail stores, nec	174.42	166.59	172.59	175.81	-	5.13	5.11	5.36	5.36	-
	FINANCE, INSURANCE, AND REAL ESTATE[3]	226.04	225.32	237.83	240.31	240.37	5.21	6.19	6.57	6.62	6.64
60	**BANKING**	195.61	194.14	205.66	207.84	-	5.33	5.29	5.65	5.71	-
602	Commercial and stock savings banks	192.83	190.84	202.02	204.93	-	5.24	5.20	5.55	5.63	-
61	**CREDIT AGENCIES OTHER THAN BANKS**	204.24	204.80	213.01	215.21	-	5.55	5.55	5.82	5.88	-
612	Savings and loan associations	192.72	191.63	197.11	198.55	-	5.28	5.25	5.46	5.50	-
614	Personal credit institutions	203.69	204.61	216.66	218.82	-	5.52	5.53	5.84	5.93	-
63	**INSURANCE CARRIERS**	251.70	255.07	277.88	282.38	-	5.73	6.82	7.47	7.53	-
631	Life insurance	260.68	263.71	294.30	297.75	-	6.97	7.07	7.89	7.94	-
632	Medical service and health insurance	240.03	243.58	266.19	267.02	-	6.35	6.41	6.95	6.99	-
633	Fire, marine, and casualty insurance	247.09	249.75	266.81	273.05	-	6.66	6.75	7.27	7.34	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P	Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P
	WHOLESALE TRADE-DURABLE GOODS—Continued										
505	Metals and minerals, except petroleum	39.6	39.9	38.1	39.1	-	-	-	-	-	-
506	Electrical goods	38.9	39.0	39.1	38.9	-	-	-	-	-	-
507	Hardware, plumbing, and heating equipment	38.5	38.4	38.2	38.3	-	-	-	-	-	-
508	Machinery, equipment, and supplies	39.1	39.3	38.7	39.0	-	-	-	-	-	-
509	Miscellaneous durable goods	37.9	38.7	36.0	37.7	-	-	-	-	-	-
51	**WHOLESALE TRADE-NONDURABLE GOODS**	37.6	37.8	37.4	37.7	-	-	-	-	-	-
511	Paper and paper products	36.9	37.2	36.9	37.3	-	-	-	-	-	-
512	Drugs, proprietaries, and sundries	36.9	37.0	36.2	36.4	-	-	-	-	-	-
513	Apparel, piece goods, and notions	36.8	37.3	35.9	36.6	-	-	-	-	-	-
514	Groceries and related products	37.7	37.9	37.7	37.9	-	-	-	-	-	-
516	Chemicals and allied products	39.1	39.3	38.6	38.8	-	-	-	-	-	-
517	Petroleum and petroleum products	39.8	39.4	40.2	39.9	-	-	-	-	-	-
518	Beer, wine, and distilled beverages	36.9	36.8	36.3	36.6	-	-	-	-	-	-
519	Miscellaneous nondurable goods	38.1	38.2	37.2	37.9	-	-	-	-	-	-
52-59	**RETAIL TRADE**	29.6	29.8	29.0	29.5	29.4	-	-	-	-	-
52	**BUILDING MATERIALS AND GARDEN SUPPLIES**	36.5	36.7	35.1	35.8	-	-	-	-	-	-
521	Lumber and other building materials	38.2	38.9	36.3	37.2	-	-	-	-	-	-
525	Hardware stores	33.3	33.2	33.0	33.5	-	-	-	-	-	-
53	**GENERAL MERCHANDISE STORES**	27.9	28.7	27.7	27.8	-	-	-	-	-	-
531	Department stores	27.7	28.6	27.8	27.7	-	-	-	-	-	-
533	Variety stores	28.5	29.0	27.3	28.4	-	-	-	-	-	-
539	Misc. general merchandise stores	28.9	29.7	28.2	28.4	-	-	-	-	-	-
54	**FOOD STORES**	30.6	30.5	30.3	30.5	-	-	-	-	-	-
541	Grocery stores	30.8	30.7	30.5	30.6	-	-	-	-	-	-
546	Retail bakeries	28.5	28.3	27.2	28.9	-	-	-	-	-	-
55	**AUTOMOTIVE DEALERS AND SERVICE STATIONS**	37.5	37.5	37.2	37.2	-	-	-	-	-	-
551, 2	New and used car dealers	38.2	38.4	37.6	37.8	-	-	-	-	-	-
553	Auto and home supply stores	40.1	40.1	40.0	39.7	-	-	-	-	-	-
554	Gasoline service stations	35.4	35.3	35.3	35.3	-	-	-	-	-	-
56	**APPAREL AND ACCESSORY STORES**	27.7	28.0	27.2	27.7	-	-	-	-	-	-
561	Men's and boys' clothing and furnishings	30.7	31.1	30.5	30.8	-	-	-	-	-	-
562	Women's ready-to-wear stores	26.4	26.8	25.7	26.6	-	-	-	-	-	-
565	Family clothing stores	27.4	27.8	26.4	27.3	-	-	-	-	-	-
566	Shoe stores	28.2	27.9	27.2	27.3	-	-	-	-	-	-
57	**FURNITURE AND HOME FURNISHINGS STORES**	34.1	34.3	33.9	34.1	-	-	-	-	-	-
571	Furniture and home furnishings stores	34.4	34.4	33.7	34.1	-	-	-	-	-	-
572	Household appliance stores	34.8	35.2	34.0	34.3	-	-	-	-	-	-
573	Radio, television, and music stores	33.2	33.5	34.2	34.2	-	-	-	-	-	-
58	**EATING AND DRINKING PLACES**	25.7	25.9	24.7	25.8	-	-	-	-	-	-
59	**MISCELLANEOUS RETAIL**	31.2	31.1	30.5	30.8	-	-	-	-	-	-
591	Drug stores and proprietary stores	28.6	28.8	28.4	28.5	-	-	-	-	-	-
594	Miscellaneous shopping goods stores	30.1	30.3	29.4	29.9	-	-	-	-	-	-
596	Nonstore retailers	32.7	33.3	31.8	32.8	-	-	-	-	-	-
598	Fuel and ice dealers	40.0	38.6	41.0	39.3	-	-	-	-	-	-
599	Retail stores, nec	34.0	32.6	32.2	32.8	-	-	-	-	-	-
—	**FINANCE, INSURANCE, AND REAL ESTATE**	36.4	36.4	36.2	36.3	36.2	-	-	-	-	-
60	**BANKING**	36.7	36.7	36.4	36.4	-	-	-	-	-	-
602	Commercial and stock savings banks	36.8	36.7	36.4	36.4	-	-	-	-	-	-
61	**CREDIT AGENCIES OTHER THAN BANKS**	36.8	36.9	36.6	36.6	-	-	-	-	-	-
612	Savings and loan associations	36.5	36.5	36.1	36.1	-	-	-	-	-	-
614	Personal credit institutions	36.9	37.0	37.1	36.9	-	-	-	-	-	-
63	**INSURANCE CARRIERS**	37.4	37.4	37.2	37.5	-	-	-	-	-	-
631	Life insurance	37.4	37.3	37.3	37.5	-	-	-	-	-	-
632	Medical service and health insurance	37.8	38.0	38.3	38.2	-	-	-	-	-	-
633	Fire, marine, and casualty insurance	37.1	37.0	36.7	37.2	-	-	-	-	-	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry – Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P	Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P
	SERVICES	$204.40	$205.05	$219.32	$221.00	$220.32	$5.27	$6.29	$6.79	$6.80	$6.80
	HOTELS AND OTHER LODGING PLACES										
701	Hotels, motels, and tourist courts	145.62	145.01	149.72	152.71	-	4.79	4.77	5.11	5.04	-
	PERSONAL SERVICES										
721	Laundry, cleaning, and garment services	157.84	159.60	162.97	166.66	-	4.74	4.75	5.03	5.02	-
723	Beauty shops	131.82	142.14	132.42	139.71	-	4.53	4.63	4.63	4.72	-
73	BUSINESS SERVICES	209.26	212.83	219.89	225.66	-	6.38	6.43	6.85	6.88	-
731	Advertising	312.23	311.87	315.24	317.20	-	8.82	8.81	8.88	8.91	-
734	Services to buildings	145.53	149.06	145.08	146.02	-	5.37	5.48	5.58	5.51	-
737	Computer and data processing services	275.63	281.55	311.54	319.55	-	7.49	7.63	8.42	8.59	-
75	AUTO REPAIR, SERVICES, AND GARAGES	233.87	236.76	248.34	250.66	-	5.27	6.28	6.73	6.72	-
753	Automotive repair shops	261.03	263.35	276.48	280.14	-	6.78	6.77	7.20	7.22	-
76	MISCELLANEOUS REPAIR SERVICES	286.46	289.14	300.20	306.14	-	7.46	7.51	7.90	7.87	-
78	MOTION PICTURES	251.06	248.24	257.32	249.65	-	8.84	9.06	9.71	9.35	-
781	Motion picture production and services	502.21	495.50	535.31	506.69	-	12.65	12.87	14.05	13.44	-
79	AMUSEMENT AND RECREATION SERVICES	177.30	173.16	176.75	184.38	-	5.91	5.93	6.18	6.25	-
80	HEALTH SERVICES	200.74	201.39	225.77	221.38	-	6.12	6.14	6.78	6.77	-
801	Offices of physicians	207.68	208.33	212.00	214.01	-	6.39	6.41	6.73	6.73	-
802	Offices of dentists	174.75	175.89	183.77	186.97	-	5.11	6.15	6.54	6.63	-
805	Nursing and personal care facilities	138.26	138.26	148.36	148.82	-	4.46	4.46	4.74	4.77	-
806	Hospitals	221.71	222.05	248.15	249.56	-	6.54	6.55	7.32	7.34	-
81	LEGAL SERVICES	274.85	273.94	287.93	288.81	-	8.06	8.01	8.37	8.42	-
89	MISCELLANEOUS SERVICES	351.51	353.72	373.81	383.55	-	9.13	9.14	9.76	9.86	-
891	Engineering and architectural services	382.14	386.27	411.77	424.54	-	9.90	9.98	10.68	10.93	-
893	Accounting, auditing, and bookkeeping	304.96	306.86	311.50	324.39	-	7.74	7.71	8.07	8.13	-

[1] For coverage of series, see footnote 1, table B-2.
[2] Beginning January 1978, data relate to line haul railroads with operating revenues of $50,000,000 or more.
[3] Data relate to employees in such occupations in the telephone industry as switchboard operators, service assistants, operating room instructors, and pay-station attendants. In 1977, such employees made up 20 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.
[4] Data relate to employees in such occupations in the telphone industry as central office craft persons; installation and exchange repair craft persons; line, cable and conduit craft persons; and laborers. In 1977, such employees made up 37 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.
[5] Money payments only; tips, not included.
[6] Data for nonoffice sales agents excluded from all series in this division.
- Data not available.
p = preliminary.

NOTE: Data from April 1980 forward are subject to revision when more recent benchmark data are introduced. See "Benchmark adjustment" in the Explanatory notes of this publication.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P	Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P
—	SERVICES	32.6	32.6	32.3	32.5	32.4	-	-	-	-	-
	HOTELS AND OTHER LODGING PLACES										
701	Hotels, motels, and tourist courts[1]	30.4	30.4	29.3	30.3	-	-	-	-	-	-
	PERSONAL SERVICES										
721	Laundry, cleaning, and garment services	33.3	33.6	32.4	33.2	-	-	-	-	-	-
723	Beauty shops[1]	29.1	30.7	28.6	29.6	-	-	-	-	-	-
73	BUSINESS SERVICES	32.8	33.1	32.1	32.8	-	-	-	-	-	-
731	Advertising	35.4	35.4	35.5	35.6	-	-	-	-	-	-
734	Services to buildings	27.1	27.2	26.0	26.5	-	-	-	-	-	-
737	Computer and data processing services	36.8	36.9	37.0	37.2	-	-	-	-	-	-
75	AUTO REPAIR, SERVICES, AND GARAGES	37.3	37.7	36.9	37.3	-	-	-	-	-	-
753	Automotive repair shops	38.5	38.9	38.4	38.8	-	-	-	-	-	-
76	MISCELLANEOUS REPAIR SERVICES	38.4	38.5	38.0	38.9	-	-	-	-	-	-
78	MOTION PICTURES	28.4	27.4	26.5	26.7	-	-	-	-	-	-
781	Motion picture production and services	39.7	38.5	38.1	37.7	-	-	-	-	-	-
79	AMUSEMENT AND RECREATION SERVICES	30.0	29.2	28.6	29.5	-	-	-	-	-	-
80	HEALTH SERVICES	32.8	32.8	33.3	32.7	-	-	-	-	-	-
801	Offices of physicians	32.5	32.5	31.5	31.8	-	-	-	-	-	-
802	Offices of dentists	28.6	28.6	28.1	28.2	-	-	-	-	-	-
805	Nursing and personal care facilities	31.0	31.0	31.3	31.2	-	-	-	-	-	-
806	Hospitals	33.9	33.9	33.9	34.0	-	-	-	-	-	-
81	LEGAL SERVICES	34.1	34.2	34.4	34.3	-	-	-	-	-	-
89	MISCELLANEOUS SERVICES	38.5	38.7	38.3	38.9	-	-	-	-	-	-
891	Engineering and architectural services	38.6	38.7	38.7	39.2	-	-	-	-	-	-
893	Accounting, auditing, and bookkeeping	39.4	39.8	38.6	39.9	-	-	-	-	-	-

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C-3. Average hourly earnings excluding overtime of production workers on manufacturing payrolls by industry

Major industry group	Average hourly earnings excluding overtime				
	Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982p	Mar. 1982p
MANUFACTURING	$7.48	$7.53	$8.17	$8.09	$8.13
DURABLE GOODS	7.98	8.04	8.67	8.64	8.69
	6.59	6.56	7.22	7.07	-
	5.60	5.62	6.16	6.06	-
	7.56	7.59	8.41	8.33	-
	10.16	10.13	10.91	10.90	-
	7.65	7.74	8.33	8.35	-
	8.23	8.29	8.91	8.92	-
	7.23	7.27	7.84	7.82	-
	9.57	9.70	10.42	10.43	-
	7.30	7.03	7.77	7.79	-
	5.69	5.71	6.19	6.21	-
NONDURABLE GOODS	6.74	6.77	7.43	7.31	7.34
	6.93	6.99	7.48	7.44	-
	8.29	8.49	9.02	9.37	-
	5.15	5.16	5.63	5.61	-
	4.81	4.86	5.14	5.07	-
	7.87	7.90	8.52	8.58	-
	7.72	7.77	8.36	8.34	-
	8.46	8.51	9.33	9.32	-
	10.86	10.78	11.38	11.68	-
	6.79	6.81	7.38	7.35	-
	4.79	4.81	5.09	5.13	-

[1] Derived by assuming that overtime hours are paid at the rate of time and one-half. p = preliminary.

C-4. Gross average weekly earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls, by industry, in current and 1977 dollars

INDUSTRY	Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982p	Mar. 1982p
TOTAL PRIVATE:					
Current dollars	$247.10	$249.92	$255.95	$261.48	$261.99
Constant (1977) dollars	170.19	171.06	164.70	167.83	-
MINING:					
Current dollars	422.01	416.66	457.10	463.47	465.78
Constant (1977) dollars	290.68	285.19	294.14	297.29	-
CONSTRUCTION:					
Current dollars	364.35	388.37	383.79	401.21	413.61
Constant (1977) dollars	250.93	265.82	246.97	257.35	-
MANUFACTURING:					
Current dollars	306.13	311.22	312.01	326.58	327.27
Constant (1977) dollars	210.83	213.02	200.78	209.45	-
TRANSPORTATION AND PUBLIC UTILITIES					
Current dollars	373.28	371.15	389.75	397.26	394.45
Constant (1977) dollars	257.09	254.04	250.81	254.82	-
WHOLESALE AND RETAIL TRADE:					
Current dollars	185.13	186.62	191.89	193.73	193.73
Constant (1977) dollars	127.50	127.73	123.48	124.27	-
FINANCE, INSURANCE, AND REAL ESTATE:					
Current dollars	226.09	225.32	237.83	240.31	240.37
Constant (1977) dollars	155.67	154.22	153.04	154.14	-
SERVICES:					
Current dollars	204.83	205.95	219.32	221.03	220.32
Constant (1977) dollars	140.77	140.35	141.13	141.76	-

p = preliminary.
[1] For coverage of series, see footnote 1, table B-2.

C-5. Indexes of aggregate weekly hours and payrolls of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division and major manufacturing group

(1977=100)

Industry division and group	Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982[p]	Mar. 1982[p]
	Hours				
TOTAL PRIVATE	105.0	106.6	101.5	104.0	104.2
GOODS PRODUCING	97.5	100.5	87.6	92.5	92.9
MINING	126.2	126.1	133.8	135.6	136.6
CONSTRUCTION	94.1	104.8	83.5	89.3	94.3
MANUFACTURING	96.8	98.4	86.3	91.1	90.6
DURABLE GOODS	97.1	99.3	85.9	90.3	89.5
Lumber and wood products	87.9	89.5	67.3	76.0	75.3
Furniture and fixtures	97.8	99.1	79.9	91.6	90.4
Stone, clay, and glass products	86.7	90.5	75.3	78.1	79.4
Primary metal industries	93.9	95.2	79.1	79.9	78.6
Fabricated metal products	94.9	96.9	83.7	86.9	86.5
Machinery, except electrical	110.0	111.5	101.7	105.6	103.8
Electric and electronic equipment	105.7	107.7	98.6	102.8	101.3
Transportation equipment	85.8	93.2	78.4	78.4	80.0
Instruments and related products	111.4	112.0	108.6	107.9	108.5
Miscellaneous manufacturing industries	87.7	90.1	80.9	85.2	86.0
NONDURABLE GOODS	96.4	97.1	86.8	92.8	92.1
Food and kindred products	94.0	93.2	90.9	93.8	92.8
Tobacco manufactures	97.1	90.8	94.9	94.9	95.7
Textile mill products	90.9	91.4	66.7	81.2	79.3
Apparel and other textile products	92.9	95.1	75.3	89.8	88.7
Paper and allied products	98.3	98.9	93.7	95.0	93.6
Printing and publishing	107.3	108.2	106.1	109.2	110.2
Chemicals and allied products	100.5	101.4	96.2	96.9	96.8
Petroleum and coal products	98.1	99.3	91.0	88.6	88.0
Rubber and misc. plastics products	99.5	101.2	91.1	95.4	95.7
Leather and leather products	88.0	88.7	75.8	77.8	77.7
SERVICE PRODUCING	109.1	109.9	109.2	111.3	110.5
TRANSPORTATION AND PUBLIC UTILITIES	104.1	104.1	100.1	101.4	101.0
WHOLESALE AND RETAIL TRADE	103.0	104.0	103.3	104.0	104.3
WHOLESALE TRADE	109.2	110.2	107.7	108.5	108.6
RETAIL TRADE	100.7	101.6	101.6	102.3	102.6
FINANCE, INSURANCE, AND REAL ESTATE	116.4	116.7	117.0	117.0	117.2
SERVICES	116.1	117.3	117.3	119.1	119.6

[1] For coverage of series, see footnote 1, table B-2.

[p] Preliminary.

ESTABLISHMENT DATA
HOURS AND EARNINGS

C-5. Indexes of aggregate weekly hours and payrolls of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division and major manufacturing group—Continued

(1977=100)

Industry division and group	Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982P	Mar. 1982P
	Payrolls				
TOTAL PRIVATE	141.2	144.1	146.0	149.3	150.1
GOODS-PRODUCING	131.8	137.0	129.4	134.9	136.3
MINING	179.2	178.8	205.7	207.6	208.8
CONSTRUCTION	120.9	134.9	119.1	129.2	131.2
MANUFACTURING	132.1	135.2	127.9	133.7	133.5
DURABLE GOODS	132.3	136.3	126.3	131.8	131.8
Lumber and wood products	117.5	119.2	97.7	108.4	107.4
Furniture and fixtures	129.2	131.6	115.5	133.3	129.3
Stone, clay, and glass products	117.7	123.7	113.1	116.3	118.7
Primary metal industries	134.0	135.2	119.9	120.9	119.7
Fabricated metal products	127.1	131.5	121.2	126.1	126.3
Machinery, except electrical	150.4	153.6	149.6	155.2	152.6
Electric and electronic equipment	145.7	149.3	146.8	152.0	151.4
Transportation equipment	116.9	124.7	109.5	115.8	118.9
Instruments and related products	151.5	153.0	157.0	162.4	163.1
Miscellaneous manufacturing industries	117.2	120.8	117.0	123.8	125.3
NONDURABLE GOODS	131.7	133.3	130.6	137.2	136.4
Food and kindred products	126.7	126.5	132.6	134.8	134.0
Tobacco manufactures	149.9	149.4	156.8	163.1	149.9
Textile mill products	121.9	122.8	96.3	117.6	114.8
Apparel and other textile products	125.0	129.6	108.0	127.5	126.2
Paper and allied products	136.6	137.8	142.6	143.4	142.0
Printing and publishing	139.4	141.6	149.3	153.3	155.2
Chemicals and allied products	137.4	139.4	144.8	145.4	145.0
Petroleum and coal products	142.0	142.4	138.3	136.4	134.1
Rubber and misc. plastics products	135.5	138.4	134.1	140.1	140.6
Leather and leather products	119.1	120.5	108.9	111.8	112.4
SERVICE PRODUCING	147.8	149.1	157.8	159.5	159.8
TRANSPORTATION AND PUBLIC UTILITIES	140.7	140.2	145.3	147.4	146.4
WHOLESALE AND RETAIL TRADE	140.6	142.3	148.9	149.5	149.9
WHOLESALE TRADE	149.4	151.8	158.9	159.7	160.2
RETAIL TRADE	135.8	137.2	143.5	144.1	144.4
FINANCE, INSURANCE, AND REAL ESTATE	159.3	159.1	169.1	170.5	171.3
SERVICES	156.6	158.7	171.2	174.1	174.8

C-6. Average weekly hours of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division and major manufacturing group, seasonally adjusted

Industry	1981										1982		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb. p	Mar. p
TOTAL PRIVATE	35.3	35.4	35.3	35.2	35.3	35.2	34.9	35.0	35.0	34.9	34.2	35.0	34.8
MINING	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
CONSTRUCTION	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
MANUFACTURING	39.9	40.2	40.3	40.1	40.0	40.0	39.3	39.5	39.3	39.3	37.3	39.5	39.0
Overtime hours	2.8	2.9	3.2	3.0	3.0	3.0	2.7	2.7	2.5	2.4	2.3	2.4	2.3
DURABLE GOODS	40.4	40.8	40.8	40.5	40.5	40.5	39.7	39.9	39.7	39.3	37.9	39.8	39.3
Overtime hours	2.8	3.0	3.2	3.0	3.0	3.0	2.6	2.6	2.4	2.4	2.2	2.2	2.1
Lumber and wood products	39.1	39.6	39.8	39.0	38.8	38.6	37.3	37.6	37.5	37.6	34.6	37.3	37.3
Furniture and fixtures	38.6	38.8	39.0	38.9	38.5	38.6	37.5	38.1	37.7	37.7	32.6	37.6	37.0
Stone, clay, and glass products	40.7	41.2	41.0	40.8	40.9	40.8	40.3	40.0	40.0	39.5	38.3	40.1	39.5
Primary metal industries	41.0	41.2	41.0	40.8	40.5	40.7	40.6	39.8	39.7	39.2	38.4	39.5	39.3
Fabricated metal products	40.4	40.9	40.9	40.7	40.5	40.5	39.5	40.0	39.6	39.2	37.9	39.7	39.2
Machinery, except electrical	40.9	41.3	41.4	41.1	41.1	41.2	40.3	40.7	40.6	40.3	39.0	40.5	40.0
Electric and electronic equipment	40.0	40.2	40.4	40.2	40.5	40.4	39.6	39.9	39.3	39.2	38.1	39.8	39.5
Transportation equipment	40.9	42.3	41.8	41.4	41.2	41.3	39.9	40.5	40.3	39.4	38.7	40.8	40.2
Instruments and related products	40.5	40.1	40.4	40.4	40.5	40.8	40.5	40.4	40.3	39.7	38.6	40.0	40.3
Miscellaneous manufacturing ind	38.7	38.9	39.2	39.1	39.2	39.1	38.4	39.0	39.0	38.4	36.9	38.7	38.5
NONDURABLE GOODS	39.2	39.3	39.6	39.4	39.3	39.3	38.9	39.0	38.8	38.6	36.4	39.0	38.5
Overtime hours	2.8	2.9	3.1	3.0	2.9	2.9	2.8	2.8	2.7	2.4	2.4	2.6	2.5
Food and kindred products	39.7	40.1	40.0	39.8	39.4	39.4	39.2	39.5	39.6	39.8	39.1	40.3	39.9
Tobacco manufactures	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Textile mill products	39.9	39.8	40.5	40.2	40.4	40.3	38.9	39.3	38.8	37.8	31.3	38.0	37.5
Apparel and other textile products	35.7	35.5	36.0	36.1	35.9	36.1	35.2	35.7	35.6	35.1	30.7	35.5	34.9
Paper and allied products	42.4	42.6	42.8	42.7	42.7	42.7	43.1	42.4	41.9	41.8	41.2	42.3	41.7
Printing and publishing	37.1	37.3	37.6	37.4	37.3	37.3	37.1	37.1	36.9	37.2	36.5	37.5	37.2
Chemicals and allied products	41.5	41.5	41.7	41.7	41.8	41.7	42.3	41.5	41.3	41.3	40.8	41.3	40.8
Petroleum and coal products	43.5	44.1	43.2	43.9	43.1	42.8	43.3	42.1	42.3	42.6	44.3	43.8	43.0
Rubber and misc. plastics products	40.5	40.7	41.3	41.0	40.5	40.6	39.6	40.0	39.6	39.4	37.8	40.1	39.3
Leather and leather products	37.1	36.6	37.1	37.4	36.5	36.9	36.1	36.3	35.7	36.1	33.6	35.6	35.8
TRANSPORTATION AND PUBLIC UTILITIES	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
WHOLESALE AND RETAIL TRADE	32.2	32.3	32.1	32.1	32.2	32.1	32.1	31.9	32.0	31.9	31.6	32.0	31.8
WHOLESALE TRADE	38.6	38.6	38.5	38.5	38.7	38.6	38.5	38.5	38.6	38.4	38.0	38.5	38.2
RETAIL TRADE	30.2	30.3	30.1	30.1	30.1	30.1	30.1	29.9	29.9	29.9	29.6	30.0	29.8
FINANCE, INSURANCE, AND REAL ESTATE	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
SERVICES	32.8	32.8	32.7	32.5	32.5	32.4	32.4	32.5	32.6	32.7	32.5	32.7	32.5

[1] For coverage of series, see footnote 1, table B-2.

[2] This series is not published seasonally adjusted since the seasonal component is small relative to the trend-cycle and/or irregular components and consequently cannot be separated with sufficient precision.

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ESTABLISHMENT DATA
SEASONALLY ADJUSTED

C-7. Indexes of aggregate weekly hours of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division and major manufacturing group, seasonally adjusted

(1977=100)

Industry division and group	1981										1982		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.p	Mar.p
TOTAL PRIVATE	108.4	108.3	108.9	108.7	109.4	109.2	108.6	108.4	108.0	106.9	104.3	107.1	106.1
GOODS PRODUCING	102.4	102.3	103.1	102.6	103.5	103.4	101.1	100.8	99.3	96.8	90.9	95.4	94.8
MINING	128.2	127.3	133.3	128.0	136.5	139.8	139.0	140.1	141.1	143.0	137.2	139.5	139.3
CONSTRUCTION	116.6	115.3	112.9	109.3	110.9	110.0	105.2	109.8	111.0	108.4	99.1	107.5	105.9
MANUFACTURING	98.4	99.3	100.7	100.2	100.5	100.4	98.5	97.2	95.1	92.4	87.2	92.2	93.6
DURABLE GOODS	98.6	100.2	101.1	100.6	100.9	100.9	98.6	96.9	94.1	90.8	86.3	93.5	88.9
Lumber and wood products	91.9	94.5	96.1	92.9	92.5	89.8	85.5	82.7	79.6	77.5	70.7	79.2	77.2
Furniture and fixtures	97.4	100.5	102.6	102.6	102.3	102.3	98.4	98.4	95.1	93.6	79.6	93.8	88.9
Stone, clay, and glass products	92.7	96.8	94.5	93.9	94.5	94.6	92.5	90.0	88.2	84.9	79.7	83.5	81.3
Primary metal industries	94.7	95.7	94.8	94.6	93.5	94.4	93.6	89.0	86.4	82.3	79.0	83.1	78.3
Fabricated metal products	96.2	99.2	98.7	98.4	98.8	98.4	95.5	94.3	91.3	88.0	83.8	87.2	85.7
Machinery, except electrical	109.1	110.3	111.8	111.5	111.7	112.9	110.9	111.3	109.1	105.1	100.6	104.1	101.2
Electric and electronic equipment	107.0	108.4	109.6	109.2	110.9	110.5	108.2	107.9	103.1	100.5	98.2	102.3	103.5
Transportation equipment	88.7	93.3	92.2	91.9	91.1	91.6	88.8	84.7	82.4	76.4	73.9	79.3	79.0
Instruments and related products	111.5	110.9	112.0	111.7	113.3	113.9	113.0	112.9	110.4	109.3	104.5	107.7	107.7
Miscellaneous manufacturing ind	90.6	92.3	92.4	92.2	95.4	92.8	91.4	92.2	92.2	90.2	84.4	87.9	86.6
NONDURABLE GOODS	98.1	98.7	100.1	99.5	99.8	99.5	98.5	97.8	96.4	94.8	88.6	94.6	93.3
Food and kindred products	99.0	100.5	100.8	98.7	98.4	96.8	96.3	97.8	98.0	97.8	95.4	99.8	98.2
Tobacco manufactures	96.5	96.5	98.4	98.3	103.2	110.1	103.3	98.1	95.8	93.3	95.2	97.6	92.4
Textile mill products	90.7	90.7	92.6	92.1	93.7	92.7	89.6	88.7	86.1	82.6	66.8	80.9	78.8
Apparel and other textile products	94.3	94.1	96.0	96.8	97.6	97.2	95.0	95.2	94.1	91.4	78.5	93.7	87.9
Paper and allied products	99.1	99.9	100.8	100.7	100.9	101.1	103.0	99.2	97.3	95.8	93.8	95.8	93.7
Printing and publishing	107.8	108.5	109.5	109.8	108.8	109.3	109.3	109.3	108.4	109.1	107.1	110.3	109.7
Chemicals and allied products	101.0	101.2	102.0	102.5	102.4	102.2	103.8	101.0	99.6	98.8	96.5	97.3	96.2
Petroleum and coal products	103.9	105.3	105.4	102.9	102.2	100.7	101.1	97.6	97.3	96.4	95.5	98.5	92.0
Rubber and misc. plastics products	100.1	102.2	105.3	104.7	103.6	105.0	101.7	100.1	97.0	94.9	90.5	95.1	94.7
Leather and leather products	89.3	88.5	90.6	91.4	91.4	91.5	89.5	90.8	89.2	84.6	77.9	78.1	78.6
SERVICE PRODUCING	111.8	112.3	112.0	112.1	112.6	112.5	112.8	112.7	112.8	112.4	111.7	113.3	112.3
TRANSPORTATION AND PUBLIC UTILITIES	105.1	105.4	104.9	106.2	106.0	105.2	105.5	104.0	104.7	103.2	102.0	103.1	102.5
WHOLESALE AND RETAIL TRADE	106.9	107.2	106.9	107.0	107.8	107.9	108.0	107.7	107.3	106.5	105.9	107.7	106.9
WHOLESALE TRADE	111.1	111.4	111.4	111.3	112.3	112.1	111.8	111.5	111.8	110.8	108.9	111.2	109.2
RETAIL TRADE	105.4	105.5	105.2	105.3	106.0	106.2	106.6	106.2	105.5	104.9	104.7	105.9	105.0
FINANCE, INSURANCE, AND REAL ESTATE	117.5	117.3	117.4	117.6	118.1	118.7	118.3	118.5	118.2	118.2	118.0	117.9	119.1
SERVICES	118.8	119.3	119.2	119.7	119.3	119.0	119.6	120.1	120.8	121.2	120.4	121.4	121.8

[1] For coverage of series, see footnote 1, table B-2.

C-8. Hourly Earnings Index and average hourly and weekly earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls, seasonally adjusted

Industry	1981										1982		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb. p	Mar. p
	Hourly Earnings Index[2] (1977=100)												
TOTAL PRIVATE (in current dollars)	135.8	135.7	137.7	138.4	139.0	140.7	141.5	141.9	143.2	143.5	145.1	145.2	145.8
MINING[3]	144.3	145.7	145.6	147.2	148.9	149.4	151.5	151.3	153.3	153.2	156.0	155.8	156.2
CONSTRUCTION	128.6	129.0	129.4	130.4	131.8	132.5	132.9	134.3	135.4	136.2	140.8	138.3	138.3
MANUFACTURING	138.5	139.9	140.7	141.6	142.5	143.6	144.8	145.5	146.4	147.0	149.0	149.1	150.0
TRANSPORTATION AND PUBLIC UTILITIES	136.1	137.3	138.9	139.8	139.3	141.8	141.7	142.0	144.0	144.4	145.8	145.3	147.2
WHOLESALE AND RETAIL TRADE	135.8	136.4	137.4	137.8	138.4	140.0	141.2	140.5	141.5	141.9	142.3	142.7	143.1
FINANCE, INSURANCE, AND REAL ESTATE	136.0	135.4	136.8	137.1	137.4	140.4	140.3	140.9	143.2	141.8	143.4	143.8	145.7
SERVICES	134.0	134.8	136.0	136.6	136.9	139.4	139.8	140.7	142.6	142.7	143.6	144.1	144.6
TOTAL PRIVATE (in 1977 dollars)[4]	92.8	93.1	93.0	92.9	92.2	92.6	92.1	92.0	92.5	92.3	93.1	92.9	-
	Average hourly earnings												
TOTAL PRIVATE	$7.09	$7.14	$7.18	$7.23	$7.26	$7.34	$7.37	$7.39	$7.45	$7.45	$7.52	$7.52	$7.56
MINING	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
CONSTRUCTION	10.49	10.52	10.57	10.69	10.77	10.85	10.88	11.01	11.09	11.16	11.53	11.33	11.32
MANUFACTURING	7.80	7.90	7.95	7.99	8.02	8.08	8.14	8.15	8.18	8.19	8.37	8.32	8.35
TRANSPORTATION AND PUBLIC UTILITIES	9.48	9.57	9.67	9.74	9.71	9.88	9.86	9.89	9.99	10.03	10.15	10.15	10.29
WHOLESALE AND RETAIL TRADE	5.81	5.84	5.89	5.91	5.93	5.99	6.05	6.02	6.05	6.08	6.08	6.08	6.11
FINANCE, INSURANCE, AND REAL ESTATE	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
SERVICES	6.24	6.27	6.32	6.38	6.42	6.51	6.52	6.58	6.64	6.65	6.72	6.72	6.75
	Average weekly earnings												
TOTAL PRIVATE													
Current dollars	250.28	252.76	253.45	254.50	256.28	258.37	257.21	258.65	260.75	260.01	257.18	263.23	263.09
1977 dollars[4]	170.96	172.06	171.37	170.92	170.06	170.20	167.45	167.74	168.23	167.21	164.96	168.39	-

[1] For coverage of series, see footnote 1, table B-2.

[2] The index excludes effects of two types of changes that are unrelated to underlying wage-rate developments. Fluctuations in overtime premiums in manufacturing (the only sector for which overtime data are available) and the effects of changes in the proportion of workers in high-wage and low-wage industries.

[3] The unadjusted data are shown because the seasonal component is small relative to the trend-cycle and/or irregular components and consequently cannot be separated with sufficient precision.

[4] The deflator for these series is derived from the Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W).

[5] See footnote 2, table C-6.

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C-9. Hours of wage and salary workers[1] in nonagricultural establishments by industry division

Industry division	Millions of hours (Annual rate)[2]			Percent change		
	January r1981	February r1981	March p1982	Mar. 1981 to Mar. 1982	Jan. 1982 to Feb. 1982	Feb. 1982 to Mar. 1982
TOTAL	166,066	170,616	169,399	-1.6	2.7	-0.7
PRIVATE SECTOR	136,698	139,400	137,980	-1.5	2.0	-1.0
MINING	2,707	2,739	2,720	9.0	1.2	-0.7
CONSTRUCTION	7,706	8,078	7,923	-7.9	4.8	-1.9
MANUFACTURING	39,136	40,481	39,852	-5.5	3.4	-1.6
DURABLE GOODS	23,629	24,279	23,934	-6.6	2.7	-1.4
NONDURABLE GOODS	15,507	16,202	15,918	-3.7	4.5	-1.8
TRANSPORTATION AND PUBLIC UTILITIES	10,349	10,425	10,361	-2.3	0.7	-0.6
WHOLESALE AND RETAIL TRADE	34,688	35,224	34,812	0.2	1.5	-1.2
FINANCE, INSURANCE, AND REAL ESTATE	10,111	10,142	10,137	1.0	0.3	0.0
SERVICES	32,001	32,315	32,176	2.1	1.0	-0.4
GOVERNMENT	29,368	31,217	31,419	-1.6	6.3	0.6

[1] Data refer to hours of all employees—production workers, nonsupervisory workers and salaried workers—and are based largely on establishment data. See *BLS Handbook of Methods for Surveys and Studies*, BLS Bulletin 1910—Chapter 30, Productivity Measures: Private Economy and Major Sectors.

[2] "Annual rate" refers to total hours paid for 1 week in the month, expressed as a seasonally adjusted annual equivalent.

PRODUCTIVITY
SEASONALLY ADJUSTED

C-10. Indexes of output and compensation per hour, unit costs, and prices, private business sector, seasonally adjusted

(1977 = 100)

Item	Annual average		Quarterly indexes										
			1979			1980				1981			
	1980	1981	II	III	IV	I	II	III	IV	I	II	III	IV
PRIVATE BUSINESS SECTOR:													
Output per hour of all persons	99.3	100.4	99.7	99.4	99.1	99.5	99.1	99.4	99.1	100.3	101.2	100.9	r99.2
Output	106.8	108.9	107.1	107.7	108.2	108.7	105.4	105.7	107.5	109.5	109.5	109.4	r107.5
Hours	107.5	108.5	107.4	108.4	109.1	109.2	106.4	106.3	108.4	109.2	108.2	108.4	108.4
Compensation per hour	131.5	144.6	118.1	120.7	123.2	126.4	130.1	133.1	135.9	139.8	143.3	146.5	148.5
Real compensation per hour	96.7	96.4	100.3	99.2	98.0	96.7	96.6	96.9	96.0	96.1	96.9	96.3	95.8
Unit labor costs	132.4	r144.0	118.5	121.4	124.3	127.0	131.3	133.9	137.1	139.4	141.6	145.2	r149.7
Unit nonlabor payments	118.3	r130.5	110.4	111.5	112.2	115.2	116.0	119.7	122.7	127.6	129.3	132.4	r132.5
Implicit price deflator	127.6	r139.4	115.8	118.1	120.2	123.0	126.1	129.1	132.2	135.4	137.5	140.9	r143.9
NONFARM BUSINESS SECTOR:													
Output per hour of all persons	98.8	99.7	99.1	98.9	98.8	98.9	98.2	99.0	99.0	100.0	100.4	99.9	r98.2
Output	106.8	r108.8	107.1	107.8	108.2	108.5	105.1	105.8	107.7	109.7	109.4	109.0	r106.9
Hours	108.1	109.1	108.0	109.0	109.4	109.7	107.0	106.9	108.8	109.7	109.0	109.1	108.8
Compensation per hour	130.8	143.9	117.7	120.2	123.0	126.0	129.4	132.3	135.4	139.2	142.4	145.7	r147.9
Real compensation per hour	96.2	95.9	100.0	98.8	97.8	96.4	96.0	96.3	95.7	95.7	96.3	95.8	r95.4
Unit labor costs	132.4	r144.3	118.7	121.5	124.4	127.4	131.8	133.6	136.8	139.1	141.9	145.8	r150.6
Unit nonlabor payments	117.6	r130.3	107.7	109.2	110.1	113.9	115.1	119.2	122.0	127.8	128.7	132.2	r132.7
Implicit price deflator	127.4	139.6	115.1	117.4	119.7	122.9	126.3	128.8	131.9	135.3	137.5	141.2	r144.6
MANUFACTURING:													
Output per hour of all persons	101.7	104.5	102.3	102.0	102.1	102.0	100.7	100.7	103.2	104.2	105.2	105.5	r102.5
Output	103.6	106.3	108.5	108.5	108.2	108.0	101.6	99.9	105.1	107.0	107.8	107.8	102.4
Hours	101.9	101.7	106.1	106.4	106.0	r105.8	100.9	99.2	101.8	102.7	102.5	102.2	r99.9
Compensation per hour	131.6	146.2	118.6	119.8	122.3	125.4	130.0	133.9	137.3	141.1	144.8	148.0	150.7
Real compensation per hour	96.8	97.4	100.7	98.5	97.2	96.0	96.5	97.5	97.0	97.1	97.9	97.3	97.2
Unit labor costs	129.4	140.0	115.9	117.5	119.8	122.9	129.0	133.0	133.0	135.5	137.6	140.3	r147.0
DURABLE GOODS													
Output per hour of all persons	99.7	102.8	101.6	100.1	100.3	99.9	99.0	98.4	101.2	102.5	103.8	103.9	r100.7
Output	102.9	105.7	110.4	109.5	109.1	108.4	100.7	98.1	104.2	106.4	107.7	107.4	101.2
Hours	103.2	102.8	108.6	109.3	108.7	r108.4	101.8	99.7	103.0	103.9	103.7	103.3	r100.5
Compensation per hour	131.7	146.9	118.4	119.3	121.5	125.2	130.0	134.2	137.8	141.7	145.3	148.7	r151.4
Real compensation per hour	96.9	97.9	100.6	98.1	96.6	95.8	96.5	97.7	97.4	97.4	98.3	97.7	97.7
Unit labor costs	132.1	r142.8	116.6	119.2	121.1	125.2	131.4	136.4	136.2	138.3	140.0	143.0	r150.4
NONDURABLE GOODS													
Output per hour of all persons	104.9	106.9	103.5	105.0	104.9	105.3	103.4	104.3	106.4	106.9	107.4	108.0	105.2
Output	104.8	107.1	105.9	107.0	107.0	107.4	102.9	102.6	106.3	107.8	108.0	108.5	104.3
Hours	99.9	100.2	102.2	101.9	102.0	102.0	99.5	98.4	99.9	100.9	100.6	100.5	99.1
Compensation per hour	130.9	144.7	118.2	119.9	122.9	125.0	129.6	133.3	136.0	139.7	143.3	146.4	r149.2
Real compensation per hour	96.3	96.4	100.3	98.5	97.7	95.7	96.2	97.1	96.1	96.1	96.9	96.2	96.2
Unit labor costs	124.8	135.3	114.1	114.2	117.2	118.7	125.3	127.8	127.8	130.7	133.5	135.6	r141.8
NONFINANCIAL CORPORATIONS:													
Output per all-employee hour	101.0	p103.5	100.7	100.5	99.9	100.2	100.1	101.8	101.8	103.3	103.9	103.8	N.A.
Output	108.5	p112.2	109.0	109.4	109.3	109.9	106.8	107.7	109.7	112.8	112.8	112.8	N.A.
Hours	107.5	p108.5	108.3	108.9	109.4	109.6	106.7	105.8	107.8	109.1	108.6	108.7	N.A.
Compensation per hour	130.7	p143.9	117.6	120.1	122.7	125.7	129.3	132.5	135.5	139.2	142.3	145.5	N.A.
Real compensation per hour	96.2	p 95.9	99.9	98.7	97.5	96.2	95.9	96.5	95.7	95.7	96.2	95.6	N.A.
Total unit costs	129.7	p140.9	115.3	118.2	121.3	124.2	129.2	131.1	134.1	136.0	138.7	142.2	N.A.
Unit labor costs	129.4	p139.1	116.8	119.5	122.8	125.4	129.1	130.2	133.1	134.7	137.0	140.2	N.A.
Unit nonlabor costs	130.2	p146.1	111.2	114.6	117.2	120.9	129.3	133.8	136.9	139.5	143.6	147.7	N.A.
Unit profits	90.2	p103.4	100.7	97.5	92.2	95.5	83.4	89.1	92.4	106.8	102.8	106.7	N.A.
Implicit price deflator	125.2	p136.7	113.7	115.9	118.1	121.0	124.1	126.4	129.5	132.7	134.7	138.2	N.A.

p=preliminary.
r=revised.

C-11. Percent changes from preceding quarter and year in productivity, hourly compensation, unit costs, and prices, private business sector, seasonally adjusted at annual rate

Item	Quarterly percent change						Annual percent change					
	II 1980 to III 1980	III 1980 to IV 1980	IV 1980 to I 1981	I 1981 to II 1981	II 1981 to III 1981	III 1981 to IV 1981	III 1979 to III 1980	IV 1979 to IV 1980	I 1980 to I 1981	II 1980 to II 1981	III 1980 to III 1981	IV 1980 to IV 1981
PRIVATE BUSINESS SECTOR:												
Output per hour of all persons	1.3	-1.1	4.7	3.5	-1.1	r-6.5	0.0	0.0	0.8	2.1	1.5	r0.0
Output	1.1	6.9	7.9	-0.1	-0.3	r-6.8	-1.9	-0.7	0.8	3.9	3.5	r0.0
Hours	-0.2	8.1	3.0	r-3.5	0.8	-0.2	-1.9	-0.7	0.0	1.7	2.0	0.0
Compensation per hour	9.5	8.6	11.9	10.4	9.3	r 5.5	10.3	10.3	10.6	10.1	10.1	9.3
Real compensation per hour	1.6	-3.8	0.5	3.2	-2.3	r-2.1	-2.3	-2.0	-0.6	0.3	-0.6	-0.2
Unit labor costs	8.1	9.8	6.9	6.6	10.6	r12.9	10.3	10.3	9.7	7.8	8.5	r9.2
Unit nonlabor payments	13.7	10.2	17.1	5.3	10.1	r0.0	7.4	9.3	10.8	11.5	10.6	r8.0
Implicit price deflator	9.8	9.9	10.0	6.2	10.4	r8.7	9.4	10.0	10.1	9.0	9.1	r8.8
NONFARM BUSINESS SECTOR:												
Output per hour of all persons	3.6	-0.2	4.4	1.4	r-1.7	r-6.8	0.2	0.2	1.2	2.3	0.9	r-0.8
Output	2.9	7.1	7.9	-1.1	-1.4	r-7.7	-1.8	-0.5	1.1	4.1	3.0	r-0.7
Hours	-0.7	7.3	3.4	-2.5	0.4	r-1.0	-1.9	-0.6	-0.1	1.8	2.1	0.1
Compensation per hour	9.0	9.8	11.7	9.6	9.5	r6.2	10.1	10.1	10.5	10.0	10.2	r9.2
Real compensation per hour	1.2	-2.7	0.3	2.5	-2.2	r-1.5	-2.5	-2.2	-0.7	0.3	-0.6	-0.2
Unit labor costs	5.3	10.1	7.0	8.1	11.5	r14.0	9.9	9.9	9.2	7.6	9.2	r10.1
Unit nonlabor payments	15.0	9.9	r20.2	3.0	11.3	r1.6	9.1	10.8	12.2	11.8	10.9	r8.8
Implicit price deflator	8.2	10.0	11.0	6.5	11.4	r10.0	9.6	10.2	10.1	8.9	9.7	r9.7
MANUFACTURING:												
Output per hour of all persons	- 0.1	10.3	3.8	r4.0	1.2	r-11.0	-1.2	1.1	2.1	4.5	4.8	r-0.7
Output	-6.6	22.4	7.5	3.3	- 0.1	-18.5	-7.9	-2.9	-0.9	6.1	7.9	-2.5
Hours	r-6.6	11.0	3.6	-0.8	-1.2	r-8.5	-6.8	-4.0	-3.0	1.6	3.0	r-1.8
Compensation per hour	12.7	10.5	11.6	10.8	9.3	r 7.4	11.8	12.3	12.5	11.4	10.5	9.8
Real compensation per hour	r4.6	-2.2	0.2	3.5	-2.4	r -0.4	-1.0	-0.2	1.1	1.5	-0.2	0.2
Unit labor costs	12.8	0.1	7.5	6.5	8.0	r20.7	13.2	11.0	10.2	6.6	5.5	r10.5
DURABLE GOODS												
Output per hour of all persons	-2.5	11.9	5.2	5.5	0.4	r-11.9	-1.8	0.8	2.5	4.9	5.7	-0.5
Output	-10.2	27.7	8.7	5.0	-1.3	-21.1	-10.5	-4.5	-1.8	6.9	9.5	-2.9
Hours	-8.0	14.1	3.4	-0.5	-1.7	r-10.5	-8.8	-5.2	-4.2	1.9	3.6	r-2.5
Compensation per hour	13.4	11.2	11.8	10.7	9.5	r 7.6	12.4	13.4	13.2	11.8	10.8	r9.9
Real compensation per hour	5.2	-1.4	0.3	3.5	-2.1	r-0.2	-0.4	0.8	1.7	1.9	0.0	r0.3
Unit labor costs	16.3	-0.6	6.3	4.9	9.1	r22.1	14.5	12.5	10.4	6.5	4.9	r10.4
NONDURABLE GOODS												
Output per hour of all persons	3.4	8.2	1.8	1.9	2.3	r-9.8	-0.6	1.4	1.5	3.8	3.5	-1.1
Output	-1.1	15.2	5.8	0.7	1.7	r-14.6	-4.1	-0.6	0.4	5.0	5.7	-1.9
Hours	-4.3	6.4	3.9	r-1.1	-0.6	r-5.3	-3.5	-2.1	-1.0	1.1	2.1	-0.8
Compensation per hour	11.9	8.2	11.4	r10.7	8.9	r7.8	11.2	10.6	11.7	10.5	9.8	r9.7
Real compensation per hour	3.8	-4.2	0.0	3.5	-2.7	r0.0	-1.5	-1.7	0.4	0.7	-0.9	r0.2
Unit labor costs	8.3	-0.1	9.4	8.7	6.5	r19.6	11.9	9.0	10.1	6.5	6.1	10.9
NONFINANCIAL CORPORATIONS:												
Output per all-employee hour	6.7	0.0	6.3	2.2	-0.5	N.A.	1.3	1.9	3.1	3.8	2.0	N.A.
Output	3.4	7.9	11.5	0.1	-0.1	N.A.	-1.6	0.4	2.6	5.6	4.7	N.A.
Hours	-3.1	7.9	4.8	-2.0	0.4	N.A.	-2.8	-1.5	-0.5	1.8	2.7	N.A.
Compensation per hour	10.2	9.4	11.4	9.3	9.2	N.A.	10.3	10.4	10.8	10.1	9.8	N.A.
Real compensation per hour	2.2	-3.1	0.0	2.1	-2.5	N.A.	-2.2	-1.9	-0.5	0.3	-0.9	N.A.
Total unit costs	6.2	9.4	5.6	8.4	10.3	N.A.	11.0	10.5	9.5	7.4	8.4	N.A.
Unit labor costs	3.2	9.4	4.8	7.0	9.7	N.A.	8.9	8.4	7.4	6.1	7.7	N.A.
Unit nonlabor costs	14.7	9.5	7.9	12.3	11.8	N.A.	16.8	16.8	15.4	11.1	10.4	N.A.
Unit profits	30.3	15.7	77.9	-13.9	15.7	N.A.	-8.6	0.3	11.8	23.3	19.7	N.A.
Implicit price deflator	7.9	9.9	10.4	6.2	10.7	N.A.	9.1	9.6	9.7	8.6	9.3	N.A.

p=preliminary.
r=revised.

GPO 873-870

C-12. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P
ALABAMA	$271.26	$227.95	$287.82	39.6	29.3	39.7	$6.85	$7.78	$7.25
Birmingham[1]	318.00	248.05	325.96	40.0	27.5	39.8	7.95	9.02	8.19
Mobile	342.00	319.64	369.57	40.0	33.4	39.4	8.55	9.57	9.38
ALASKA	401.67	488.96	(*)	33.5	38.2	(*)	11.99	12.80	(*)
ARIZONA	314.82	333.50	331.87	39.7	38.6	38.5	7.93	8.64	8.62
Phoenix	312.78	324.43	(*)	40.1	38.9	(*)	7.80	8.34	(*)
Tucson	296.76	322.79	(*)	37.0	38.2	(*)	8.02	8.45	(*)
ARKANSAS	236.29	228.47	251.52	38.8	34.1	38.4	6.09	6.70	6.55
Fayetteville—Springdale	213.92	232.03	229.22	38.2	38.1	37.7	5.60	6.09	6.08
Fort Smith	232.50	220.11	243.09	37.5	33.0	37.0	6.20	6.67	6.57
Little Rock—North Little Rock	270.27	268.76	291.46	39.0	34.5	38.4	6.93	7.79	7.59
Pine Bluff	309.41	326.59	330.48	41.2	37.8	40.7	7.51	8.64	8.12
CALIFORNIA	321.08	356.80	353.46	39.3	39.6	39.1	8.17	9.01	9.04
Anaheim—Santa Ana—Garden Grove	312.76	(*)	(*)	40.2	(*)	(*)	7.78	(*)	(*)
Bakersfield	364.73	(*)	(*)	41.4	(*)	(*)	8.81	(*)	(*)
Fresno	290.70	(*)	(*)	38.3	(*)	(*)	7.59	(*)	(*)
Los Angeles—Long Beach	308.07	(*)	(*)	39.7	(*)	(*)	7.76	(*)	(*)
Modesto	303.20	(*)	(*)	37.9	(*)	(*)	8.00	(*)	(*)
Oxnard—Simi Valley—Ventura	277.59	(*)	(*)	38.5	(*)	(*)	7.21	(*)	(*)
Riverside—San Bernardino—Ontario	321.50	(*)	(*)	39.4	(*)	(*)	8.16	(*)	(*)
Sacramento	337.95	(*)	(*)	38.8	(*)	(*)	8.71	(*)	(*)
Salinas—Seaside—Monterey	273.15	(*)	(*)	35.2	(*)	(*)	7.76	(*)	(*)
San Diego	297.11	(*)	(*)	37.8	(*)	(*)	7.86	(*)	(*)
San Francisco—Oakland	386.84	(*)	(*)	39.8	(*)	(*)	9.97	(*)	(*)
San Jose	340.10	(*)	(*)	39.5	(*)	(*)	8.61	(*)	(*)
Santa Barbara—Santa Maria—Lompoc	288.32	(*)	(*)	38.7	(*)	(*)	7.45	(*)	(*)
Santa Rosa	291.41	(*)	(*)	38.7	(*)	(*)	7.53	(*)	(*)
Stockton	340.86	(*)	(*)	39.0	(*)	(*)	8.74	(*)	(*)
Vallejo—Fairfield—Napa	323.51	(*)	(*)	37.1	(*)	(*)	8.72	(*)	(*)
COLORADO	317.58	330.22	328.89	39.5	39.5	39.2	8.04	8.36	8.39
Denver—Boulder	317.13	331.35	330.33	39.2	39.4	39.0	8.09	8.41	8.47
CONNECTICUT	313.92	327.20	327.62	41.8	40.9	40.8	7.51	8.00	8.03
Bridgeport	329.13	333.72	340.67	42.8	41.2	41.8	7.69	8.10	8.15
Hartford	336.34	347.32	342.10	41.9	41.2	40.2	8.02	8.43	8.51
New Britain	326.83	328.85	328.85	42.5	40.8	40.8	7.69	8.06	8.06
New Haven—West Haven	281.36	298.76	308.50	39.2	38.5	39.4	7.17	7.76	7.83
Stamford	287.82	300.03	294.12	41.0	40.6	39.8	7.02	7.39	7.39
Waterbury	272.63	263.87	272.28	42.4	39.8	40.7	6.43	6.63	6.69
DELAWARE	304.15	301.92	319.67	39.5	37.0	39.1	7.70	8.16	8.15
Wilmington	358.40	373.98	378.10	40.0	38.2	39.1	8.96	9.79	9.67
DISTRICT OF COLUMBIA:									
Washington SMSA	332.02	343.60	(*)	39.2	37.8	(*)	8.47	9.09	(*)
FLORIDA	(*)	267.24	270.18	(*)	38.9	39.5	(*)	6.87	6.84
Fort Lauderdale—Hollywood	(*)	259.53	(*)	(*)	40.3	(*)	(*)	6.44	(*)
Jacksonville	(*)	319.14	308.87	(*)	40.5	39.7	(*)	7.88	7.78
Lakeland—Winter Haven	(*)	284.49	317.18	(*)	43.5	47.2	(*)	6.54	6.72
Miami	(*)	226.00	234.02	(*)	39.1	39.8	(*)	5.78	5.88
Orlando	(*)	309.01	304.08	(*)	43.4	42.0	(*)	7.12	7.24
Pensacola	(*)	340.72	328.84	(*)	41.4	40.2	(*)	8.23	8.18
Tampa—St. Petersburg	(*)	235.41	240.34	(*)	39.3	39.4	(*)	5.99	6.10
West Palm Beach—Boca Raton	(*)	315.13	316.17	(*)	42.7	42.9	(*)	7.38	7.37
GEORGIA[1]	245.41	204.76	(*)	40.1	30.2	(*)	6.12	6.78	(*)
Atlanta[1]	289.74	215.16	(*)	39.8	26.4	(*)	7.28	8.15	(*)
Savannah[1]	349.01	360.81	363.38	43.9	42.2	42.5	7.95	8.55	8.55
HAWAII	(*)	298.30	298.83	(*)	38.0	37.4	(*)	7.85	7.99
Honolulu	(*)	300.05	298.08	(*)	37.6	36.8	(*)	7.98	8.10
IDAHO	288.34	308.65	299.84	36.6	36.7	36.7	7.87	8.41	8.17
Boise City	266.32	337.90	313.25	37.3	39.5	38.5	7.14	8.56	8.15

See footnotes at end of table.

C-12. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas—Continued

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P
ILLINOIS[1]	$336.87	$355.51	$364.19	38.9	38.6	39.5	$8.66	$9.21	$9.22
Bloomington—Normal[1]	279.51	328.41	327.71	36.3	38.5	38.6	7.70	8.53	8.49
Champaign—Urbana—Rantoul[1]	302.25	341.86	321.04	38.9	37.6	37.2	7.77	8.56	8.63
Chicago SMSA[1]	308.03	320.73	333.45	38.6	37.6	39.0	7.98	8.53	8.55
Davenport—Rock Island—Moline[1]	391.93	413.26	440.83	38.6	36.8	38.4	10.24	11.23	11.48
Decatur[1]	379.33	453.86	463.91	38.2	39.5	40.2	9.93	11.49	11.54
Kankakee[1]	295.89	292.19	301.44	39.4	36.8	37.4	7.51	7.94	8.06
Peoria[1]	407.96	477.54	488.18	37.6	37.9	38.5	10.85	12.60	12.68
Rockford[1]	326.93	367.85	373.73	39.2	39.3	40.1	8.34	9.36	9.32
Springfield[1]	346.50	402.40	399.99	39.6	40.0	39.8	8.75	10.06	10.05
INDIANA	361.69	369.74	384.15	39.4	38.0	39.4	9.18	9.73	9.75
Gary—Hammond—East Chicago	509.20	510.44	(*)	40.9	39.6	(*)	12.45	12.89	(*)
Indianapolis	360.28	382.00	(*)	40.3	39.3	(*)	8.94	9.72	(*)
IOWA	357.28	361.61	389.65	38.5	36.6	39.2	9.28	9.88	9.94
Cedar Rapids	361.03	380.85	405.82	39.2	38.2	40.3	9.21	9.97	10.07
Des Moines	353.25	417.10	412.34	37.5	38.8	38.9	9.42	10.75	10.60
Dubuque	422.41	332.05	454.12	39.7	37.1	39.8	10.64	8.95	11.41
Sioux City	334.09	294.30	300.42	40.3	37.3	37.6	8.29	7.89	7.99
Waterloo—Cedar Falls	447.86	453.61	532.59	36.8	34.6	41.0	12.17	13.11	12.99
KANSAS	308.47	345.47	340.29	39.7	40.5	39.8	7.77	8.53	8.55
Topeka	317.18	350.35	348.56	38.4	38.5	38.6	8.26	9.10	9.03
Wichita	345.37	386.88	386.04	40.3	41.6	41.2	8.57	9.30	9.37
KENTUCKY	301.84	307.84	320.26	39.2	37.0	38.4	7.70	8.32	8.34
Lexington—Fayette	299.00	330.75	(*)	37.8	37.5	(*)	7.91	8.82	(*)
Louisville	349.77	361.92	386.56	39.3	37.7	40.1	8.90	9.60	9.64
LOUISIANA[1]	346.06	328.06	375.44	41.1	34.9	40.5	8.42	9.40	9.27
Baton Rouge	424.76	433.17	449.85	41.0	37.7	40.6	10.36	11.49	11.08
New Orleans	332.93	298.58	353.92	40.7	33.7	39.5	8.18	8.86	8.96
Shreveport	300.33	259.90	320.00	40.6	31.2	39.9	7.39	8.33	8.02
MAINE	257.20	276.71	278.50	40.0	39.7	39.9	6.43	6.97	6.98
Lewiston—Auburn	202.50	214.64	214.48	37.5	37.2	37.3	5.40	5.77	5.75
Portland	245.94	265.34	275.80	39.1	38.4	39.4	6.29	6.91	7.00
MARYLAND	321.57	328.48	339.08	39.7	37.8	39.2	8.10	8.69	8.65
Baltimore	339.65	348.91	363.49	40.1	38.3	39.9	8.47	9.11	9.11
MASSACHUSETTS	275.77	(*)	(*)	40.2	(*)	(*)	6.86	(*)	(*)
Boston	297.35	(*)	(*)	97.3	(*)	(*)	7.49	(*)	(*)
Brockton	217.17	(*)	(*)	39.2	(*)	(*)	5.54	(*)	(*)
Fall River	237.26	(*)	(*)	38.1	(*)	(*)	5.44	(*)	(*)
Lawrence—Haverhill	284.38	(*)	(*)	40.8	(*)	(*)	6.97	(*)	(*)
Lowell	246.57	(*)	(*)	39.2	(*)	(*)	6.29	(*)	(*)
New Bedford	225.55	(*)	(*)	38.1	(*)	(*)	5.92	(*)	(*)
Springfield—Chicopee—Holyoke	277.30	(*)	(*)	40.9	(*)	(*)	6.78	(*)	(*)
Worcester	276.50	(*)	(*)	39.5	(*)	(*)	7.00	(*)	(*)
MICHIGAN[1]	395.38	427.01	441.83	39.1	38.8	40.1	10.11	11.01	11.03
Ann Arbor[1]	416.72	466.71	475.59	39.0	40.7	41.4	10.69	11.47	11.48
Battle Creek[1]	397.16	423.45	430.11	40.3	39.1	40.4	9.86	10.83	10.65
Bay City[1]	358.00	378.49	381.67	39.1	40.2	40.4	9.16	9.42	9.45
Detroit[1]	422.24	467.32	483.25	39.3	40.1	41.3	10.74	11.67	11.69
Flint[1]	452.96	489.63	489.79	39.2	39.0	38.3	11.56	12.57	12.80
Grand Rapids[1]	325.80	347.10	361.85	38.8	37.2	38.9	8.40	9.34	9.30
Jackson[1]	379.35	399.76	403.77	42.3	40.6	41.4	8.97	9.83	9.76
Kalamazoo—Portage[1]	383.24	385.29	409.26	39.9	38.1	40.1	9.61	10.12	10.19
Lansing—East Lansing[1]	417.68	455.93	460.91	37.2	37.6	38.3	11.23	12.13	12.04
Muskegon—Norton Shores—Muskegon Heights[1]	362.14	339.41	363.44	39.8	35.6	38.7	9.10	9.54	9.40
Saginaw[1]	474.36	471.10	478.63	39.8	37.8	38.1	11.91	12.47	12.53
MINNESOTA[1]	324.26	342.99	348.69	39.4	38.8	39.4	8.23	8.84	8.85
Duluth—Superior[1]	307.93	336.34	343.87	38.3	39.2	39.8	8.04	8.58	8.64
Minneapolis—St. Paul[1]	341.20	360.75	366.42	39.4	39.0	39.4	8.66	9.25	9.30
St. Cloud[1]	239.08	251.16	263.90	36.5	34.5	36.3	6.55	7.28	7.27

See footnotes at end of table.

C-12. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas—Continued

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P
MISSISSIPPI[1]	$230.30	$180.52	$246.27	39.1	28.7	38.6	$5.89	$6.29	$6.38
Jackson[1]	251.54	194.92	260.52	39.8	30.6	38.2	6.32	6.37	6.82
MISSOURI	290.31	316.68	318.66	37.9	38.2	38.3	7.66	8.29	8.32
Kansas City	329.80	363.38	374.66	38.8	39.2	39.9	8.50	9.27	9.39
St. Joseph	280.24	293.66	291.07	38.6	37.6	37.9	7.26	7.81	7.68
St. Louis	332.38	359.83	363.33	37.9	38.9	38.9	8.77	9.25	9.34
Springfield	287.68	298.29	303.64	39.3	39.3	39.9	7.32	7.59	7.61
MONTANA	378.29	349.65	354.33	42.6	37.0	38.1	8.88	9.45	9.30
NEBRASKA	316.01	333.70	332.51	39.7	40.4	40.5	7.96	8.26	8.21
Lincoln	284.26	312.57	316.47	37.6	37.3	37.9	7.56	8.38	8.35
Omaha	314.24	339.63	330.40	38.7	39.4	39.1	8.12	8.62	8.45
NEVADA	306.46	322.61	(*)	38.5	37.6	(*)	7.96	8.58	(*)
Las Vegas	384.54	(*)	(*)	39.4	(*)	(*)	9.76	(*)	(*)
NEW HAMPSHIRE	(*)	263.64	269.68	(*)	39.0	39.6	(*)	6.76	6.81
Manchester	(*)	247.89	250.10	(*)	39.1	39.2	(*)	6.34	6.38
Nashua	(*)	292.11	305.20	(*)	39.0	40.0	(*)	7.49	7.63
NEW JERSEY	314.57	329.51	337.39	40.8	39.7	40.6	7.71	8.30	8.31
Atlantic City	241.54	235.63	251.62	37.8	34.6	36.1	6.39	6.81	6.97
Camden[2]	319.93	342.86	342.63	40.6	40.1	40.5	7.88	8.55	8.46
Hackensack[3]	281.40	286.34	297.48	41.2	38.8	40.2	6.83	7.38	7.40
Jersey City[3]	312.16	321.16	322.78	41.4	39.6	39.8	7.54	8.11	8.11
New Brunswick—Perth Amboy—Sayreville[3]	367.95	395.01	392.08	42.1	41.8	41.8	8.74	9.45	9.38
Newark[3]	333.79	350.43	358.15	41.4	40.7	41.5	7.99	8.61	8.63
Paterson—Clifton—Passaic[3]	313.04	299.20	304.38	42.3	40.0	40.8	4.30	7.48	7.46
Trenton	317.00	321.04	330.33	38.8	37.2	38.5	8.17	8.63	8.58
NEW MEXICO	244.51	264.80	274.38	39.5	38.1	38.7	6.19	6.95	7.09
Albuquerque	251.37	275.94	283.80	40.3	37.8	38.3	6.23	7.30	7.41
NEW YORK[1]	303.36	310.90	318.98	39.5	38.1	38.9	7.68	8.16	8.20
Albany—Schenectady—Troy[1]	317.19	330.51	330.91	40.1	38.3	39.3	7.91	8.41	8.42
Binghamton[1]	288.52	293.85	293.94	41.1	40.7	41.4	7.02	7.22	7.10
Buffalo[1]	392.80	382.13	412.48	40.0	37.1	39.7	9.82	10.30	10.39
Elmira[1]	306.41	316.80	321.20	40.8	39.6	40.0	7.51	8.00	8.03
Monroe County[1]	421.10	421.86	442.49	41.9	39.5	41.2	10.05	10.68	10.74
Nassau—Suffolk[1]	299.60	306.54	312.04	40.0	39.0	39.3	7.24	7.86	7.94
New York—Northeastern New Jersey	289.41	(*)	(*)	39.7	(*)	(*)	7.29	(*)	(*)
New York and Nassau—Suffolk[1]	262.89	275.65	280.87	38.1	37.1	37.4	6.90	7.43	7.51
New York SMSA[1]	255.00	266.81	272.32	37.5	36.6	36.9	6.80	7.29	7.38
New York City[1]	250.43	265.36	268.28	37.1	36.4	36.7	6.75	7.29	7.31
Poughkeepsie[1]	308.67	335.38	(*)	42.4	42.4	(*)	7.28	7.91	(*)
Rochester[1]	397.40	395.53	416.36	41.7	39.2	40.9	9.53	10.09	10.18
Rockland County[1]	293.76	309.24	315.41	40.8	38.8	38.7	7.20	7.97	8.15
Syracuse[1]	330.47	346.42	352.00	40.9	39.5	40.6	8.08	8.77	8.67
Utica—Rome[1]	282.27	306.11	300.60	39.7	39.6	39.5	7.11	7.73	7.61
Westchester County[1]	297.67	263.30	291.75	41.4	37.4	37.5	7.19	7.04	7.78
NORTH CAROLINA	226.76	194.62	235.25	39.3	30.6	37.7	5.77	6.36	6.24
Asheville	218.96	197.18	228.38	39.1	32.7	38.0	5.60	6.03	6.01
Charlotte—Gastonia	238.68	185.08	242.89	40.8	29.1	38.8	5.85	6.36	6.26
Greensboro—Winston-Salem—High Point	252.01	216.69	252.71	39.5	31.0	37.0	6.38	6.99	6.83
Raleigh—Durham	257.67	232.04	283.24	39.1	31.7	38.8	6.59	7.32	7.30
NORTH DAKOTA	254.56	274.46	285.57	37.0	37.7	38.8	6.88	7.28	7.36
Fargo—Moorhead	269.72	285.59	305.20	36.4	39.5	40.0	7.41	7.23	7.63
OHIO[1]	374.33	387.50	396.37	40.6	39.3	40.2	9.22	9.86	9.86
Akron[1]	382.63	395.04	404.63	41.5	40.6	41.5	9.22	9.73	9.75
Canton[1]	382.00	380.09	395.36	40.0	38.2	39.3	9.55	9.95	10.06
Cincinnati[1]	350.55	368.55	369.60	41.0	39.8	40.0	8.55	9.26	9.24
Cleveland[1]	381.19	381.02	398.16	40.9	38.8	40.3	9.32	9.82	9.88
Columbus[1]	321.93	357.08	358.09	39.8	39.5	39.7	8.34	9.04	9.02
Dayton[1]	373.32	391.84	391.82	40.8	39.5	39.9	9.15	9.92	9.82
Toledo[1]	383.36	420.03	442.90	40.1	39.7	41.2	9.56	10.58	10.75
Youngstown—Warren[1]	464.06	458.64	459.42	40.5	39.1	39.3	11.47	11.73	11.69

See footnotes at end of table

C-12. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas—Continued

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P
OKLAHOMA	$314.82	$335.40	$335.09	39.5	39.0	39.1	$7.97	$8.60	$8.57
Oklahoma City	326.09	348.88	338.98	39.1	39.2	39.6	8.34	8.90	8.56
Tulsa	336.10	365.60	366.33	40.3	40.0	39.7	8.34	9.14	9.22
OREGON	344.96	(*)	(*)	37.7	(*)	(*)	9.15	(*)	(*)
Eugene—Springfield	375.48	(*)	(*)	39.4	(*)	(*)	9.53	(*)	(*)
Jackson County	345.45	(*)	(*)	39.3	(*)	(*)	8.79	(*)	(*)
Portland	346.50	366.89	(*)	37.5	37.4	(*)	9.24	9.81	(*)
Salem	332.50	(*)	(*)	36.7	(*)	(*)	9.06	(*)	(*)
PENNSYLVANIA	317.91	326.52	331.35	39.2	38.1	38.8	8.11	8.57	8.54
Allentown—Bethlehem—Easton	319.87	346.56	348.81	38.4	38.0	38.8	8.33	9.12	8.99
Altoona	266.82	277.40	(*)	37.9	38.0	(*)	7.04	7.30	(*)
Delaware Valley[5]	324.79	332.34	339.95	39.9	38.2	39.3	8.14	8.70	8.65
Erie	337.42	348.10	(*)	40.8	39.2	(*)	8.27	8.88	(*)
Harrisburg	306.99	317.46	324.48	40.5	39.0	39.0	7.58	8.14	8.32
Johnstown	321.40	308.48	322.96	36.9	34.7	36.7	8.71	8.89	8.80
Lancaster	278.80	287.26	286.90	40.0	37.6	37.9	6.97	7.64	7.57
Northeast Pennsylvania	223.82	246.86	250.13	36.1	36.9	37.5	6.20	6.69	6.67
Philadelphia SMSA	322.80	333.80	340.49	40.0	38.5	39.5	8.07	8.67	8.62
Pittsburgh	396.26	416.31	416.96	40.6	39.8	39.9	9.76	10.46	10.45
Reading	304.62	310.23	308.35	40.4	38.3	38.4	7.54	8.10	8.03
Scranton[6]	219.47	(*)	(*)	36.7	(*)	(*)	5.98	(*)	(*)
Wilkes-Barre—Hazleton[6]	224.32	(*)	(*)	35.9	(*)	(*)	6.24	(*)	(*)
Williamsport	296.65	322.29	331.68	39.5	39.4	40.4	7.51	8.18	8.21
York	287.83	313.56	(*)	40.2	40.2	(*)	7.16	7.80	(*)
RHODE ISLAND	235.82	241.02	249.48	39.7	37.6	38.8	5.94	6.41	6.43
Providence—Warwick—Pawtucket	235.22	239.89	247.54	39.8	37.6	38.8	5.91	6.38	6.38
SOUTH CAROLINA	241.78	210.22	254.41	40.5	31.9	39.2	5.97	6.59	6.49
Charleston—North Charleston	273.78	266.11	277.36	40.5	37.8	38.9	6.76	7.04	7.13
Columbia	231.66	200.66	242.41	39.6	31.7	38.6	5.85	6.33	6.28
Greenville—Spartanburg	232.07	184.25	(*)	39.4	29.2	(*)	5.89	6.31	(*)
SOUTH DAKOTA	298.32	309.09	303.45	42.8	41.6	42.5	6.97	7.43	7.14
Rapid City	260.24	(*)	(*)	38.9	(*)	(*)	6.69	(*)	(*)
Sioux Falls	433.84	475.80	417.07	49.3	52.0	51.3	8.80	9.15	8.13
TENNESSEE[1]	258.59	260.69	258.59	39.6	39.8	39.6	6.53	6.55	6.53
Chattanooga	259.84	(*)	(*)	40.6	(*)	(*)	6.43	(*)	(*)
Knoxville	286.77	(*)	(*)	38.7	(*)	(*)	7.41	(*)	(*)
Memphis	295.94	296.32	315.42	40.1	37.7	40.7	7.38	7.86	7.75
Nashville—Davidson	276.69	294.92	(*)	40.1	38.5	(*)	6.90	8.08	(*)
TEXAS	312.42	315.25	337.00	41.0	37.8	40.7	7.62	8.34	8.28
Abilene	237.77	(*)	(*)	40.9	(*)	(*)	5.08	(*)	(*)
Amarillo	316.50	(*)	(*)	41.7	(*)	(*)	7.59	(*)	(*)
Austin	245.42	(*)	(*)	40.7	(*)	(*)	6.03	(*)	(*)
Beaumont—Port Arthur—Orange	440.41	(*)	(*)	42.8	(*)	(*)	10.29	(*)	(*)
Corpus Christi	341.97	(*)	(*)	42.8	(*)	(*)	7.99	(*)	(*)
Dallas—Fort Worth	294.44	296.66	326.02	40.5	36.4	40.6	7.27	8.15	8.03
El Paso	213.14	(*)	(*)	42.8	(*)	(*)	4.98	(*)	(*)
Galveston—Texas City	478.98	(*)	(*)	42.5	(*)	(*)	11.27	(*)	(*)
Houston	403.12	429.10	436.59	43.3	43.3	44.1	9.31	9.91	9.90
Longview—Marshall	310.85	(*)	(*)	39.7	(*)	(*)	7.83	(*)	(*)
Lubbock	244.01	(*)	(*)	40.2	(*)	(*)	6.07	(*)	(*)
San Angelo	212.94	(*)	(*)	39.0	(*)	(*)	5.46	(*)	(*)
San Antonio	229.19	237.16	246.76	41.0	38.5	39.8	5.59	6.16	6.20
Sherman—Denison	277.01	(*)	(*)	39.8	(*)	(*)	6.96	(*)	(*)
Waco	253.92	(*)	(*)	39.8	(*)	(*)	6.38	(*)	(*)
Wichita Falls	276.06	(*)	(*)	40.3	(*)	(*)	6.85	(*)	(*)
UTAH	296.65	316.32	316.26	39.5	39.1	38.9	7.51	8.09	8.13
Salt Lake City—Ogden	283.69	311.65	310.86	39.9	39.6	39.6	7.11	7.87	7.85
VERMONT	268.30	282.30	283.42	40.9	39.1	39.2	6.56	7.22	7.23
Burlington	295.52	321.51	323.53	42.8	41.7	41.8	6.90	7.71	7.74
Springfield	310.65	308.97	298.74	41.2	40.6	39.0	7.54	7.61	7.66

See footnotes at end of table.

C-12. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas—Continued

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P
VIRGINIA	$261.62	$250.53	$277.92	39.7	34.7	38.6	$6.59	$7.22	$7.20
Bristol	228.92	210.46	229.90	37.9	34.0	37.2	6.04	6.19	6.18
Lynchburg	263.56	241.03	254.83	40.3	33.9	36.3	6.54	7.11	7.02
Norfolk—Virginia Beach—Portsmouth	272.14	274.81	299.63	40.8	37.8	40.6	6.67	7.27	7.38
Northern Virginia	293.97	277.33	290.68	41.0	36.3	38.5	7.17	7.64	7.55
Petersburgh—Colonial Heights—Hopewell	310.86	332.69	353.05	39.3	34.8	37.8	7.91	9.56	9.34
Richmond	342.80	292.05	368.96	40.0	33.0	40.5	8.57	8.85	9.11
Roanoke	240.47	224.70	254.98	39.1	32.1	38.4	6.15	7.00	6.64
WASHINGTON	(*)	423.84	427.28	(*)	39.1	39.2	(*)	10.84	10.90
Seattle—Everett	410.57	(*)	(*)	39.9	(*)	(*)	10.29	(*)	(*)
Spokane	357.02	(*)	(*)	37.9	(*)	(*)	9.42	(*)	(*)
Tacoma	390.78	(*)	(*)	39.0	(*)	(*)	10.02	(*)	(*)
WEST VIRGINIA	340.42	357.77	359.46	39.4	39.1	39.2	8.64	9.15	9.17
Charleston	392.60	453.17	431.76	41.9	43.7	42.0	9.27	10.37	10.28
Huntington—Ashland	388.28	370.11	377.85	40.7	39.0	39.9	9.54	9.49	9.47
Parkersburg—Marietta	365.56	387.67	389.61	41.4	40.7	40.5	8.83	9.53	9.62
Wheeling	382.76	405.99	396.19	39.5	39.0	39.5	9.69	10.41	10.03
WISCONSIN	346.98	359.60	368.33	42.1	38.9	39.9	8.61	9.25	9.24
Appleton—Oshkosh	346.98	361.72	366.88	42.1	40.8	41.3	8.24	8.87	8.89
Eau Claire	328.87	348.98	353.13	40.2	40.4	40.7	8.19	8.64	8.68
Green Bay	350.96	390.32	382.37	41.2	41.3	40.8	8.52	9.46	9.38
Janesville—Beloit	361.55	339.13	349.73	39.1	39.0	40.0	9.24	8.70	8.75
Kenosha	359.50	375.93	412.82	39.1	35.0	38.6	9.19	10.73	10.69
La Crosse	293.38	323.41	325.80	40.1	39.0	39.1	7.31	8.29	8.34
Madison	327.20	357.95	359.06	38.7	37.9	38.5	8.45	9.45	9.32
Milwaukee	370.60	401.28	408.43	39.2	39.3	40.1	9.46	10.22	10.20
Racine	357.70	370.27	396.52	39.3	39.1	40.5	9.10	9.47	9.80
WYOMING	291.45	324.66	324.37	38.5	39.4	38.9	7.57	8.24	8.36
VIRGIN ISLAND	343.94	429.88	(*)	43.1	44.0	(*)	7.98	9.77	(*)

[1] Revised to 1981 benchmark, not strictly comparable with previously published data.

[2] Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.

[3] Subarea of New York—Northeastern New Jersey.

[4] Subarea of Rochester Standard Metropolitan Statistical Area.

[5] Area included in New York and Nassau-Suffolk combined SMSA's.

[6] Subarea of New York Standard Metropolitan Statistical Area.

[7] Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pennsylvania.

[8] Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Lackawanna County.

[9] Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Luzerne Country.

[10] Subarea of Washington, D.C. Standard Metropolitan Statistical Area: Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park cities and Arlington, Fairfax, Loudoun, and Prince William Counties, Virginia.

p = preliminary.

*Not available.

SOURCE: Cooperating State agencies listed on inside back cover.

D-1. Labor force and unemployment by State and selected metropolitan areas

(Numbers in thousands)

State and area	Labor force			Unemployment					
				Number			Percent of labor force		
	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P
ALABAMA	1,650.8	1,673.2	1,668.4	179.0	247.5	231.5	10.8	14.8	13.9
Birmingham	377.2	375.9	373.3	39.6	49.9	47.0	10.5	13.3	12.6
Huntsville	139.8	144.0	145.2	16.1	18.3	18.8	11.5	12.7	13.0
Mobile	185.9	186.4	186.8	17.2	23.1	21.9	9.2	12.4	11.7
Montgomery	120.1	119.5	120.2	10.9	13.6	14.1	9.1	11.4	11.7
Tuscaloosa	55.6	54.8	54.5	5.5	7.4	6.6	9.9	13.6	12.1
ALASKA	190.3	192.1	195.9	20.0	21.5	22.2	11.1	11.2	11.3
ARIZONA	1,262.5	1,286.6	1,301.1	81.2	100.3	102.9	6.4	7.8	7.9
Phoenix	772.8	788.0	795.1	41.7	49.2	49.8	5.4	6.2	6.3
Tucson	230.2	233.4	236.5	12.7	17.4	17.7	5.5	7.5	7.5
ARKANSAS	1,006.5	1,002.1	1,001.9	104.1	126.3	114.6	10.3	12.6	11.4
Fayetteville Springdale	90.3	90.0	81.1	5.5	7.0	7.0	6.9	8.6	8.6
Fort Smith[1]	90.6	89.7	88.2	8.7	11.8	10.5	9.6	13.2	11.9
Little Rock—North Little Rock	193.9	193.1	192.3	15.2	17.6	16.2	7.8	9.1	8.4
Pine Bluff	40.2	39.2	39.0	4.2	4.9	4.4	10.5	12.2	11.2
CALIFORNIA[2]	11,674.8	11,906.6	11,945.9	936.6	1,117.1	1,145.0	8.0	9.4	9.6
Anaheim—Santa Ana—Garden Grove	1,161.5	1,188.6	1,183.5	51.6	70.8	72.2	4.4	6.0	6.1
Bakersfield	188.4	197.7	198.9	18.7	20.2	23.3	9.9	10.2	11.7
Fresno	269.2	279.7	277.3	34.1	38.5	42.6	12.7	13.8	15.3
Los Angeles—Long Beach[1]	3,694.0	3,716.0	3,744.0	273.0	331.0	311.0	7.4	8.9	8.3
Modesto	132.3	137.6	140.5	23.3	23.9	29.2	17.6	17.4	20.8
Oxnard—Simi Valley—Ventura	241.5	256.8	257.2	18.8	24.4	25.2	7.8	9.5	9.8
Riverside—San Bernardino—Ontario	607.3	627.1	627.8	50.7	64.3	68.4	8.4	10.2	10.9
Sacramento	491.4	507.0	508.4	48.3	56.9	60.4	9.8	11.2	11.9
Salinas—Seaside—Monterey	133.2	136.5	139.9	18.8	21.3	22.7	14.1	15.6	16.2
San Diego	798.5	813.1	815.0	59.5	69.6	72.5	7.5	8.6	8.9
San Francisco—Oakland	1,689.3	1,720.8	1,716.8	104.4	123.7	125.2	6.2	7.2	7.3
San Jose	782.9	804.0	801.7	49.3	59.1	62.2	6.3	7.3	7.7
Santa Barbara—Santa Maria—Lompoc	151.7	156.6	156.8	10.3	12.2	12.7	6.8	7.8	8.1
Santa Rosa	139.5	143.9	144.6	13.0	15.0	15.9	9.3	10.4	11.0
Stockton	164.8	169.2	171.5	24.5	28.2	32.0	14.9	16.7	18.6
Vallejo—Fairfield—Napa	131.5	135.9	136.9	11.9	14.3	15.2	9.1	10.5	11.1
COLORADO	1,497.4	1,520.9	1,523.1	91.9	100.4	102.7	6.1	6.6	6.7
Denver—Boulder	894.4	918.5	918.4	49.1	51.4	52.2	5.5	5.6	5.7
CONNECTICUT	1,573.0	1,602.3	1,599.9	104.7	124.2	122.0	6.7	7.7	7.6
Bridgeport	189.4	195.1	192.8	12.2	16.9	14.1	6.5	8.6	7.3
Hartford	380.8	389.8	389.3	22.5	28.1	28.1	5.9	7.2	7.2
New Britain	75.1	75.4	75.0	5.3	7.2	7.4	7.0	9.5	9.8
New Haven—West Haven	197.7	198.7	199.3	14.1	15.6	15.3	7.1	7.8	7.7
Stamford	120.4	122.6	122.8	5.2	5.3	5.3	4.4	4.3	4.3
Waterbury	106.3	108.5	107.9	9.3	10.2	9.8	8.7	9.4	9.1
DELAWARE	279.9	284.6	288.9	28.5	32.7	29.3	10.2	11.5	10.1
Wilmington	250.7	253.9	256.3	25.2	31.3	27.1	10.0	12.3	10.6
DISTRICT OF COLUMBIA	313.3	305.5	308.0	24.7	28.6	30.7	7.9	9.3	10.0
Washington SMSA[1]	1,660.9	1,669.9	1,675.6	77.1	98.6	102.9	4.6	5.9	6.1
FLORIDA[1]	4,404.6	4,510.9	4,558.2	277.7	345.8	321.7	6.3	7.7	7.1
Bradenton	65.7	69.7	70.6	4.2	4.6	4.2	6.4	6.7	5.9
Daytona Beach	107.6	107.0	110.7	7.1	8.4	7.9	6.6	7.8	7.1
Fort Lauderdale—Hollywood	477.2	477.7	480.4	23.6	31.5	29.0	4.9	6.6	6.0
Fort Myers—Cape Coral	93.1	96.6	97.0	6.0	7.5	7.3	6.5	7.8	7.6
Gainsville	75.0	77.8	79.5	3.1	3.6	3.7	4.2	4.6	4.6
Jacksonville	326.9	337.9	341.7	20.7	25.0	23.7	6.3	7.4	6.9
Lakeland—Winter Haven	146.6	153.5	150.3	11.8	19.4	15.5	8.1	12.6	10.3
Melbourne—Titusville—Cocoa	117.3	120.9	122.1	9.6	9.8	9.5	8.2	8.1	7.8
Miami	800.1	808.1	816.6	51.6	60.0	54.6	6.5	7.4	6.7
Orlando	352.3	365.1	369.7	20.9	26.9	24.5	5.9	7.4	6.6
Panama City	39.6	42.4	42.8	4.3	5.1	5.0	11.0	12.0	11.6
Pensacola	116.6	118.9	121.9	6.7	8.1	9.0	5.7	6.8	7.4
Sarasota	77.4	80.0	81.1	3.7	6.6	5.2	4.8	7.5	6.4
Tallahassee	83.5	82.6	84.7	3.3	4.1	4.0	3.9	4.9	4.7
Tampa—St. Petersburg	691.9	702.6	711.8	40.3	50.0	46.7	5.9	7.1	6.6
West Palm Beach—Boca Raton	268.0	280.2	282.3	15.4	18.9	18.6	5.7	6.7	6.6

See footnotes at end of table.

STATE AND AREA UNEMPLOYMENT DATA

D-1. Labor force and unemployment by State and selected metropolitan areas—Continued

(Numbers in thousands)

State and area	Labor force			Unemployment					
				Number			Percent of labor force		
	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P
GEORGIA	2,562.6	2,606.5	2,606.9	176.6	219.7	210.4	6.9	8.4	8.1
Albany	52.2	53.3	54.2	4.5	4.4	4.8	8.6	8.2	8.9
Atlanta	1,056.7	1,074.7	1,082.2	66.1	72.9	72.7	6.3	6.8	6.7
Augusta	130.2	131.3	132.7	9.5	10.4	11.0	7.3	7.9	8.3
Columbus[1]	88.0	87.5	88.3	7.0	9.3	9.5	7.9	10.6	10.6
Macon	106.8	107.3	107.9	6.7	7.7	8.0	6.4	7.2	7.5
Savannah	94.4	98.1	98.0	6.1	6.5	7.3	6.4	6.6	7.4
HAWAII	442.5	445.0	450.2	21.4	25.2	24.9	4.8	5.7	5.5
Honolulu	342.0	343.1	347.1	15.2	17.9	17.5	4.5	5.2	5.0
IDAHO	415.9	420.6	423.0	35.9	51.3	50.6	8.6	12.2	12.0
Boise City	89.5	87.7	88.4	6.2	7.8	7.5	6.9	8.9	8.5
ILLINOIS[2]	5,478.0	5,518.1	5,551.4	491.6	558.2	561.1	8.9	10.1	10.1
Bloomington—Normal	61.0	61.7	62.6	4.2	4.6	4.9	6.9	7.4	7.9
Champaign—Urbana—Rantoul	84.7	82.4	82.9	5.0	5.5	5.4	5.9	6.7	6.6
Chicago	3,437.4	3,476.8	3,497.2	278.4	322.8	325.9	8.1	9.3	9.3
Davenport—Rock Island—Moline[1]	184.2	193.0	196.1	14.8	20.4	22.0	8.1	10.6	11.2
Decatur	61.0	63.0	63.5	6.9	8.0	8.1	11.3	12.9	12.8
Kankakee	40.5	41.2	41.6	4.9	6.7	6.8	12.1	16.3	16.4
Peoria	171.6	172.6	175.4	16.6	16.8	18.7	9.7	9.8	10.6
Rockford	132.9	135.3	140.8	14.3	16.1	20.9	10.7	11.9	14.8
Springfield	95.5	97.4	97.4	6.8	8.1	7.6	7.2	8.3	7.8
INDIANA	2,604.4	2,600.4	2,579.4	282.6	354.4	343.1	10.8	13.6	13.3
Anderson	57.5	56.4	57.1	8.2	11.6	12.8	14.2	20.6	22.5
Elkhart	66.1	66.1	65.1	6.7	9.4	8.1	10.1	14.2	12.5
Evansville[1]	N.A.	147.9	146.3	N.A.	17.9	16.9	N.A.	12.1	11.5
Fort Wayne	194.6	190.6	187.9	23.4	26.3	24.3	12.0	13.8	12.9
Gary—Hammond—East Chicago	295.3	291.3	288.3	34.5	43.3	41.4	11.7	14.9	14.4
Indianapolis	603.0	603.4	599.1	50.9	61.8	61.5	8.4	10.2	10.3
Lafayette—West Lafayette	63.9	63.4	63.7	5.0	5.6	5.5	7.8	8.8	8.7
Muncie	57.6	58.3	58.6	7.0	9.8	10.8	12.1	16.9	18.5
South Bend	138.6	134.8	133.9	15.0	15.7	15.6	10.8	11.7	11.7
Terre Haute	81.6	78.3	77.7	8.8	11.6	11.0	10.8	14.8	14.1
IOWA	1,375.1	1,401.1	1,408.2	109.9	160.1	144.0	8.0	11.4	10.2
Cedar Rapids	86.5	87.7	87.7	7.3	10.1	9.8	8.5	11.6	11.2
Des Moines	180.7	183.7	184.9	12.5	18.2	17.3	6.9	9.9	9.4
Dubuque	44.7	45.5	45.0	5.6	10.4	6.6	12.5	22.8	14.7
Sioux City[1]	N.A.	54.9	55.2	N.A.	5.7	5.2	N.A.	9.4	9.4
Waterloo—Cedar Falls	68.4	69.1	69.4	5.7	8.2	8.6	8.3	11.8	12.4
KANSAS	1,167.1	1,151.8	1,151.4	56.7	58.5	66.4	4.9	5.1	5.8
Lawrence	34.7	34.2	34.5	1.8	1.6	1.9	5.3	4.7	5.4
Topeka	95.3	93.7	93.6	6.1	6.1	6.6	6.4	6.5	7.1
Wichita	224.7	224.0	221.8	9.6	11.1	13.1	4.3	5.0	5.9
KENTUCKY	1,643.9	1,612.9	1,593.4	159.0	186.4	183.4	9.7	11.6	11.5
Lexington—Fayette	N.A.	174.3	171.4	N.A.	11.9	10.9	N.A.	6.8	6.4
Louisville[1]	N.A.	426.0	421.4	N.A.	53.7	50.1	N.A.	12.6	11.9
Owensboro	N.A.	39.9	39.4	N.A.	4.4	4.5	N.A.	10.9	11.4
LOUISIANA	1,808.2	1,848.9	1,836.5	150.4	189.4	175.5	8.3	10.2	9.6
Alexandria	72.4	72.4	71.6	8.5	9.2	8.2	11.7	12.6	11.4
Baton Rouge	222.6	224.8	222.7	16.1	20.5	17.7	7.2	9.1	8.0
Lafayette	86.4	93.7	93.3	3.9	4.5	4.2	4.5	4.8	4.5
Lake Charles	80.3	81.5	79.8	6.6	10.4	9.6	8.2	12.7	12.0
Monroe	57.5	55.1	55.0	6.2	6.9	6.5	10.8	12.6	11.8
New Orleans	507.0	509.4	505.6	37.5	45.8	44.1	7.4	9.0	8.7
Shreveport	160.3	162.4	161.6	13.8	15.8	14.5	8.6	9.7	8.9
MAINE	492.3	492.3	497.5	40.1	40.9	44.1	8.1	8.3	8.9
Lewiston—Auburn	38.2	37.9	37.8	2.9	3.4	3.6	7.6	9.0	9.6
Portland	90.0	92.0	93.4	5.6	5.7	6.1	6.2	6.2	6.5
MARYLAND	2,146.7	2,148.9	2,156.3	166.6	210.1	211.5	7.8	9.8	9.8
Baltimore	1,077.4	1,080.4	1,083.2	95.0	116.6	118.9	8.8	10.8	11.0

See footnotes at end of table.

D-1. Labor force and unemployment by State and selected metropolitan areas – Continued

(Numbers in thousands)

State and area	Labor force			Unemployment					
				Number			Percent of labor force		
	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P
MASSACHUSETTS[1]	2,929.4	2,982.2	2,960.3	183.6	238.2	246.7	6.3	8.0	8.3
Boston	1,426.8	1,469.1	1,443.8	76.9	98.6	101.7	5.4	6.7	7.0
Brockton	82.7	87.2	83.0	6.4	7.9	7.9	7.7	9.1	9.5
Fall River[1]	76.8	76.2	75.2	6.5	8.7	9.2	8.7	11.5	12.3
Lawrence – Haverhill[1]	146.6	145.5	143.5	9.6	12.9	12.5	6.6	8.9	8.7
Lowell[1]	126.5	125.4	125.0	5.9	9.0	10.3	4.7	7.2	8.2
New Bedford	86.6	87.4	86.4	8.3	11.8	12.1	9.6	13.5	14.0
Springfield – Chicopee – Holyoke	279.1	279.2	289.4	17.7	22.9	24.1	6.3	8.2	8.3
Worcester	198.9	200.5	199.4	11.6	15.4	16.1	5.8	7.7	8.1
MICHIGAN[1]	4,193.2	4,227.0	4,240.3	599.8	677.3	684.3	14.3	16.0	16.1
Ann Arbor	141.4	N.A.	N.A.	12.2	N.A.	N.A.	8.6	N.A.	N.A.
Battle Creek	78.2	N.A.	N.A.	10.8	N.A.	N.A.	13.8	N.A.	N.A.
Bay City	52.2	N.A.	N.A.	7.8	N.A.	N.A.	14.9	N.A.	N.A.
Detroit	1,956.2	N.A.	N.A.	292.7	N.A.	N.A.	15.0	N.A.	N.A.
Flint	224.4	N.A.	N.A.	38.5	N.A.	N.A.	17.2	N.A.	N.A.
Grand Rapids	308.4	N.A.	N.A.	30.7	N.A.	N.A.	10.0	N.A.	N.A.
Jackson	64.7	N.A.	N.A.	8.5	N.A.	N.A.	13.1	N.A.	N.A.
Kalamazoo – Portage	134.7	N.A.	N.A.	14.1	N.A.	N.A.	10.5	N.A.	N.A.
Lansing – East Lansing	235.8	N.A.	N.A.	28.6	N.A.	N.A.	12.1	N.A.	N.A.
Muskegon – Norton Shores – Muskegon Heights	76.5	N.A.	N.A.	12.9	N.A.	N.A.	16.8	N.A.	N.A.
Saginaw	98.6	N.A.	N.A.	12.2	N.A.	N.A.	12.4	N.A.	N.A.
MINNESOTA	2,085.0	2,072.9	2,080.2	142.0	156.6	161.2	6.8	7.6	7.7
Duluth – Superior[1]	113.2	110.3	110.9	10.9	12.4	13.7	9.6	11.2	12.3
Minneapolis – St. Paul	1,127.0	1,130.9	1,136.5	58.1	65.9	67.1	5.2	5.8	5.9
Rochester	55.0	55.7	55.5	2.8	3.3	3.3	5.1	5.9	6.0
St. Cloud	73.4	72.9	73.0	6.8	7.5	7.6	9.3	10.3	10.4
MISSISSIPPI	1,035.2	1,051.4	1,061.6	90.2	113.6	108.3	8.7	10.7	10.2
Jackson	156.1	159.2	161.1	9.1	11.4	10.5	5.8	7.1	6.5
MISSOURI	2,288.8	2,262.2	2,267.6	206.4	230.5	228.7	9.0	10.2	10.1
Kansas City	680.2	662.6	662.6	55.8	56.6	56.1	8.2	8.5	8.5
St. Joseph	45.0	43.5	43.6	4.1	5.3	5.0	9.1	12.3	11.6
St. Louis[1]	1,107.8	1,094.0	1,092.2	102.3	112.3	111.6	9.2	10.3	10.2
Springfield	105.7	103.8	105.0	7.5	8.0	7.7	7.1	7.7	7.3
MONTANA	361.0	381.0	388.4	30.3	37.1	41.1	8.4	9.7	10.6
Billings	N.A.	59.3	59.5	N.A.	3.6	3.8	N.A.	6.0	6.4
Great Falls	N.A.	35.6	36.2	N.A.	3.2	3.4	N.A.	9.0	9.3
NEBRASKA	742.7	752.5	759.2	37.6	43.6	47.3	5.1	5.8	6.2
Lincoln	N.A.	108.2	110.5	N.A.	5.3	5.7	N.A.	4.9	5.2
Omaha[1]	N.A.	280.1	282.4	N.A.	19.3	20.6	N.A.	6.9	7.3
NEVADA	447.8	476.6	479.1	36.2	39.6	40.9	8.1	8.3	8.5
Las Vegas	252.7	266.3	269.0	22.8	23.7	23.6	9.1	8.7	8.8
Reno	123.1	130.8	132.1	7.9	9.1	9.1	6.4	6.9	6.9
NEW HAMPSHIRE	464.9	478.7	478.8	25.9	35.1	37.8	5.6	7.3	7.9
Manchester	82.2	84.1	84.2	5.2	7.1	7.2	6.3	8.4	8.5
Nashua	79.6	82.4	82.5	3.9	5.1	6.0	4.9	6.2	7.3
NEW JERSEY	3,537.2	3,564.4	3,506.3	272.3	350.7	326.6	7.7	9.8	9.3
Atlantic City	107.1	113.5	112.8	9.9	13.1	13.7	9.2	11.5	12.1
Jersey City	241.7	245.2	241.1	26.7	35.3	33.2	11.0	14.4	13.8
Long Branch – Asbury Park	232.3	238.3	234.7	16.7	23.7	22.3	7.2	9.9	9.5
New Brunswick – Perth Amboy – Sayreville	329.1	328.4	324.3	18.8	28.5	25.3	5.7	8.7	7.8
Newark	961.2	967.0	964.7	69.4	92.7	80.5	7.2	9.6	8.3
Paterson – Clifton – Passaic	208.9	206.9	203.5	19.6	26.2	22.7	9.4	11.7	11.1
Trenton	158.5	176.7	174.7	10.0	12.6	13.1	6.3	7.1	7.5
Vineland – Millville – Bridgeton	59.2	59.5	58.5	8.3	10.7	10.1	14.0	17.9	17.3
NEW MEXICO	561.7	571.5	570.2	43.7	44.3	42.7	7.8	7.7	7.5
Albuquerque	209.7	209.0	208.2	16.8	15.9	15.1	8.0	7.6	7.3
Las Cruses	34.6	35.4	36.1	2.7	2.6	2.6	7.9	7.4	7.2

See footnotes at end of table.

STATE AND AREA UNEMPLOYMENT DATA

D-1. Labor force and unemployment by State and selected metropolitan areas—Continued

(Numbers in thousands)

State and area	Labor force			Unemployment					
				Number			Percent of labor force		
	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982
NEW YORK[1]	8,083.4	7,980.4	8,036.1	668.6	680.9	727.2	8.3	8.5	9.0
Albany—Schenectady—Troy	387.7	380.4	384.2	28.4	27.6	29.4	6.8	7.3	7.7
Binghamton[1]	140.9	144.6	144.9	10.4	10.9	10.9	7.4	7.5	7.5
Buffalo	578.1	570.7	582.0	60.3	71.5	83.0	10.4	12.5	14.3
Elmira	40.3	39.6	40.0	3.4	3.7	4.1	8.5	9.3	10.3
Nassau-Suffolk	1,324.0	1,318.7	1,319.9	82.7	93.8	88.7	6.2	6.4	6.7
New York	3,468.2	3,405.5	3,411.4	317.4	309.9	311.9	8.7	8.6	8.6
New York City[1]	3,048.0	2,987.0	2,983.0	286.0	277.0	275.0	9.4	9.3	9.2
Poughkeepsie	111.1	111.2	111.1	6.6	6.9	7.7	6.0	6.1	6.7
Rochester	480.5	483.9	491.9	31.9	34.9	41.9	6.6	7.2	8.5
Syracuse	309.4	301.7	307.1	25.0	24.2	28.5	8.1	8.0	9.3
Utica—Rome	138.1	137.6	138.0	12.4	12.2	13.0	9.0	8.9	9.4
NORTH CAROLINA	2,870.8	2,899.5	2,917.6	210.0	263.6	270.7	7.3	9.1	9.3
Asheville	87.1	87.5	88.8	6.8	7.5	8.6	7.9	8.6	9.7
Charlotte—Gastonia	366.9	370.9	372.7	19.0	24.1	23.6	5.3	6.5	6.3
Greensboro—Winston Salem—High Point	439.0	445.1	450.3	26.5	32.3	35.9	6.1	7.3	8.0
Raleigh—Durham	308.5	308.2	313.1	11.5	13.7	14.6	3.7	4.5	4.7
NORTH DAKOTA	284.9	299.9	286.1	19.5	18.6	17.0	6.8	6.4	5.7
Fargo—Moorehead[1]	69.6	70.0	N.A.	4.8	4.6	N.A.	7.0	6.5	N.A.
OHIO[1]	4,922.0	5,031.6	4,966.9	498.8	598.1	605.8	10.1	11.9	12.2
Akron	297.3	298.4	295.6	28.9	35.2	35.1	9.9	11.5	11.9
Canton	181.7	187.7	185.0	18.0	23.6	23.6	9.9	12.6	12.7
Cincinnati[1]	N.A.	665.6	657.6	N.A.	71.1	71.3	N.A.	10.7	10.9
Cleveland	900.8	905.6	891.6	78.3	84.4	83.0	8.7	9.3	9.3
Columbus	543.6	554.8	548.2	42.0	48.8	49.4	7.7	8.8	9.0
Dayton	377.5	389.5	383.4	30.8	39.8	41.7	8.2	10.2	10.9
Toledo	354.2	N.A.	N.A.	42.9	N.A.	N.A.	12.1	N.A.	N.A.
Youngstown—Warren	231.1	232.6	233.0	34.7	36.5	46.0	15.0	15.7	19.8
OKLAHOMA	1,396.9	1,434.0	1,451.6	55.7	72.5	69.5	4.0	5.0	4.8
Enid	29.3	29.7	30.1	.9	1.1	1.3	3.1	3.7	4.2
Lawton	33.8	34.0	34.2	1.7	1.5	1.5	4.9	4.4	4.4
Oklahoma City	[illegible]	[illegible]	450.3	15.1	24.1	20.7	3.5	5.3	4.6
Tulsa	[illegible]	[illegible]	361.3	13.7	15.7	16.4	3.7	4.3	4.5
OREGON	1,307.3	1,307.5	1,307.4	136.5	165.5	162.2	10.5	12.7	12.4
Eugene—Springfield	136.6	N.A.	N.A.	15.1	N.A.	N.A.	11.1	N.A.	N.A.
Portland	610.4	N.A.	N.A.	39.2	N.A.	N.A.	6.4	N.A.	N.A.
Salem	121.1	N.A.	N.A.	11.3	N.A.	N.A.	9.3	N.A.	N.A.
PENNSYLVANIA[1]	5,379.6	5,423.0	5,447.7	461.5	641.9	597.8	8.6	11.8	11.0
Allentown—Bethlehem—Easton[1]	309.0	309.1	308.8	27.0	36.2	34.7	8.7	11.7	11.2
Altoona	57.0	58.3	56.3	7.4	10.4	8.0	12.9	17.8	14.1
Erie	124.1	123.0	124.1	12.7	15.2	15.4	10.2	12.3	12.4
Harrisburg	231.3	235.4	237.5	14.4	20.5	18.0	6.2	8.7	7.6
Johnstown	106.8	106.8	106.0	14.7	19.2	17.6	13.7	18.0	16.6
Lancaster	178.7	183.7	182.7	10.7	18.4	14.5	6.0	10.0	7.9
Philadelphia[1]	286.1	285.5	285.9	31.7	38.8	34.3	11.1	13.5	12.0
Pittsburgh	2,148.9	2,144.2	2,157.9	153.2	205.4	198.9	7.1	9.6	9.2
Reading	1,017.1	1,053.8	1,026.6	79.8	116.5	109.1	7.8	11.4	10.6
Williamsport	156.5	160.0	159.9	12.8	18.7	16.6	8.2	11.7	10.3
York	53.5	53.2	53.5	7.0	7.6	7.1	13.1	14.3	13.3
RHODE ISLAND	176.1	180.9	179.5	14.3	22.7	19.0	8.6	12.3	10.6
Providence—Warwick—Pawtucket[1]	471.5	472.5	475.9	39.2	45.5	48.8	8.3	9.6	10.2
	467.6	468.0	471.3	38.2	45.3	48.7	8.2	9.7	10.3
SOUTH CAROLINA	1,389.2	1,409.1	1,424.3	114.9	163.9	160.7	8.3	11.6	11.3
Charleston—North Charleston	167.4	169.5	170.7	13.1	17.4	15.6	7.8	10.3	9.2
Columbia	187.4	185.2	189.2	10.6	13.8	14.6	5.7	7.5	7.7
Greenville—Spartanburg	283.5	284.5	287.3	20.3	28.1	27.0	7.2	9.9	9.4
SOUTH DAKOTA	317.1	312.0	314.3	20.1	18.9	18.3	6.3	6.1	5.8
Rapid City	40.6	38.5	39.6	3.0	2.4	2.4	7.5	6.3	5.9
Sioux Falls	62.4	61.9	62.5	3.9	3.4	3.4	6.3	5.5	5.6
TENNESSEE	2,087.7	2,112.8	2,093.1	207.2	256.1	258.3	9.9	12.1	12.3
Chattanooga	199.7	206.0	201.6	17.8	25.3	23.3	8.9	12.3	11.6
Knoxville	725.9	728.6	727.5	17.8	19.2	18.8	7.9	8.6	8.3
Memphis	402.7	407.2	402.3	32.2	40.2	38.2	8.0	9.9	9.7
Nashville—Davidson	425.1	427.2	424.4	31.2	35.9	38.2	7.3	8.4	9.1

See footnotes at end of table.

D-1. Labor force and unemployment by State and selected metropolitan areas – Continued

(Numbers in thousands)

State and area	Labor force			Unemployment					
				Number			Percent of labor force		
	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P	FEB. 1981	JAN. 1982	FEB. 1982P
TEXAS[1]	6,922.9	7,162.6	7,223.2	326.9	425.7	420.6	4.7	5.9	5.8
Abilene	73.5	73.9	76.2	2.1	2.8	3.2	2.8	3.7	4.2
Amarillo	90.4	96.6	96.3	3.6	7.0	6.0	4.0	7.2	6.3
Austin	279.5	285.9	287.8	8.2	13.1	11.1	2.9	4.6	3.9
Beaumont – Port Arthur – Orange	176.9	178.6	180.7	10.2	14.1	14.7	5.8	7.9	8.1
Corpus Christi	150.1	159.1	161.1	8.4	10.2	10.1	5.6	6.4	6.3
Dallas – Fort Worth	1,622.4	1,680.2	1,696.4	68.7	91.3	86.6	4.1	5.4	5.1
El Paso	185.1	186.0	188.9	16.2	17.2	18.9	8.7	9.3	10.0
Galveston – Texas City	85.0	88.4	89.9	5.5	7.5	8.1	6.5	8.4	9.0
Houston	1,620.9	1,707.6	1,718.9	56.6	79.9	80.9	3.5	4.7	4.7
Longview – Marshall	73.6	75.5	75.7	4.2	5.0	4.6	5.8	6.7	6.1
Lubbock	104.0	105.2	107.2	4.0	4.6	5.3	3.8	4.4	4.9
Midland	56.2	62.8	64.6	1.4	3.4	4.1	2.5	5.4	6.4
Odessa	69.2	74.5	75.9	2.7	3.4	4.1	3.9	4.6	5.4
San Angelo	45.6	47.5	48.2	1.6	2.0	2.2	3.6	4.2	4.7
San Antonio	453.4	461.9	466.0	26.3	32.0	32.7	5.8	6.9	7.0
Sherman – Denison	41.9	41.8	41.8	2.0	3.1	2.6	4.8	7.3	6.2
Waco	83.1	83.1	83.3	3.8	4.4	3.9	4.6	5.3	4.7
Wichita Falls	64.6	66.7	67.4	2.0	3.0	3.2	3.1	4.5	4.8
UTAH	633.0	660.9	664.8	47.6	57.8	60.2	7.5	8.7	9.1
Salt Lake City – Ogden	417.5	434.8	435.2	30.7	36.0	36.8	7.4	8.3	8.4
VERMONT	257.4	260.6	260.3	17.1	20.6	22.6	6.6	7.9	8.7
VIRGINIA	2,549.5	2,607.4	2,624.1	163.7	203.2	220.2	6.4	7.8	8.4
Lynchburg	74.4	74.8	75.3	4.4	4.7	5.3	6.0	6.3	7.0
Newport News – Hampton	161.3	165.3	166.2	10.2	12.2	13.0	6.3	7.4	7.8
Norfolk – Virginia Beach – Portsmouth	324.7	337.8	338.5	23.5	28.5	27.6	7.2	8.4	8.2
Petersburg – Colonial Heights – Hopewell	57.6	59.3	60.2	4.5	5.6	6.6	7.9	9.5	10.9
Richmond	327.7	336.7	339.4	13.1	18.2	20.7	4.0	5.4	6.1
Roanoke	109.5	110.3	110.9	6.6	8.4	9.1	6.0	7.6	8.2
WASHINGTON	1,974.5	1,965.8	1,972.6	191.9	246.4	256.8	9.7	12.5	13.0
Seattle – Everett	868.1	862.8	863.8	66.6	84.9	90.3	7.7	9.8	10.5
Spokane	149.8	149.7	150.0	16.1	19.5	20.7	10.8	13.1	13.8
Tacoma	176.1	177.6	177.4	17.1	21.5	22.1	9.7	12.1	12.5
WEST VIRGINIA	785.0	780.6	770.3	94.5	101.2	95.2	12.0	13.0	12.4
Charleston	126.8	126.2	124.3	13.4	12.7	11.8	10.6	10.0	9.5
Huntington – Ashland	N.A.	125.4	124.1	N.A.	15.8	15.5	N.A.	12.6	12.4
Parkersburg – Marietta	N.A.	73.4	73.0	N.A.	9.0	8.9	N.A.	12.3	12.2
Wheeling	N.A.	83.7	82.1	N.A.	10.9	10.8	N.A.	13.0	13.3
WISCONSIN	2,335.6	2,329.1	2,325.9	213.4	234.5	220.6	9.1	10.1	9.5
Appleton – Oshkosh	145.8	145.4	146.5	13.3	14.0	14.4	9.1	9.6	9.8
Eau Claire	57.1	57.5	58.6	5.1	5.6	5.5	8.9	9.8	9.3
Green Bay	88.2	89.1	88.2	8.0	8.4	7.7	9.0	9.4	8.8
Janesville – Beloit	68.3	69.3	69.3	5.6	12.0	11.5	8.1	17.3	16.6
Kenosha	57.9	58.9	56.4	9.6	7.8	6.2	16.6	13.3	11.1
La Crosse	47.8	48.5	48.9	4.0	4.3	4.1	8.4	8.9	8.4
Madison	179.6	181.6	181.9	10.9	12.5	12.0	6.1	6.9	6.6
Milwaukee	710.1	703.2	699.8	55.7	58.8	53.9	7.8	8.4	7.7
Racine	86.6	83.4	82.7	9.6	11.3	9.1	11.1	13.6	11.0
WYOMING	235.6	241.9	246.2	11.0	12.1	11.9	4.7	5.0	4.8

[1] Includes interstate portion of area located in adjacent State.

[2] Data are obtained directly from the Current Population Survey. (See "Explanatory Notes" for State and Area Unemployment Data in Employment and Earnings, monthly.)

NOTE: Estimates for 1981 have been benchmarked to 1981 Current Population Survey annual averages. Except in the 10 States and 2 areas designated by footnote 2, estimates for 1982 are provisional and will be revised when new benchmark information becomes available. Data refer to place of residence.

P = preliminary.
N.A. = not available.

SOURCE: Current Population Survey and Cooperating State Employment Security Agencies listed on inside back cover.

Labor force and unemployment estimates for counties, cities, and other small areas have been prepared for administration of various Federal economic assistance programs and may be ordered from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. The report "Employment and Unemployment in States and Local Areas" is published monthly through GPO and is available on microfiche only on a subscription basis.

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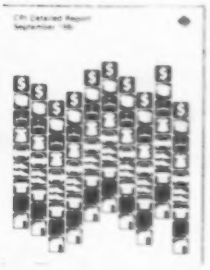

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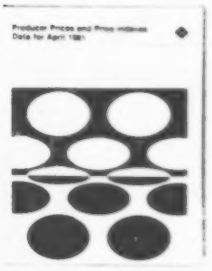

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Explanatory Notes

Introduction

The statistics in this periodical are compiled from two major sources: (1) Household interviews, and (2) reports from employers.

Data based on household interviews are obtained from a sample survey of the population 16 years of age and over. The survey is conducted each month by the Bureau of the Census for the Bureau of Labor Statistics and provides comprehensive data on the labor force, the employed, and the unemployed, including such characteristics as age, sex, race, family relationship, marital status, occupation, and industry attachment. The survey also provides data on the characteristics and past work experience of those not in the labor force. The information is collected by trained interviews from a sample of about 60,000 households, representing 629 areas in 1,148 counties and independent cities, with coverage in 50 States and the District of Columbia. The data collected are based on the activity or status reported for the calendar week including the 12th of the month.

Data based on establishment records are compiled each month from mail questionnaires by the Bureau of Labor Statistics, in cooperation with State agencies. The establishment survey is designed to provide industry information on nonagricultural wage and salary employment, average weekly hours, average hourly earnings, and average weekly earnings for the Nation, States, and metropolitan areas. The employment, hours, and earnings series are based on payroll reports from a sample of establishments employing over 30 million nonagricultural wage and salary workers. The data relate to all workers, full- or part-time, who received pay during the payroll period which includes the 12th day of the month.

RELATION BETWEEN THE HOUSEHOLD AND ESTABLISHMENT SERIES

The household and establishment data supplement one another, each providing significant types of information that the other cannot suitably supply. Population characteristics, for example, are readily obtained only from the household survey whereas detailed industrial classifications can be reliably derived only from establishment reports.

Data from these two sources differ from each other because of differences in definitions and coverage, sources of information, methods of collection, and estimating procedures. Sampling variability and response errors are additional reasons for discrepancies. The major factors which have a differential effect on levels and trends of the two series are as follows.

Employment

Coverage. The household survey definition of employment comprises wage and salary workers (including domestics and other private household workers), self-employed persons, and unpaid workers who worked 15 hours or more during the survey week in family-operated enterprises. Employment in both agricultural and nonagricultural industries is included. The payroll survey covers only wage and salary employees on the payrolls of nonagricultural establishments.

Multiple jobholding. The household approach provides information on the work status of the population without duplication, since each person is classified as employed, unemployed, or not in the labor force. Employed persons holding more than one job are counted only once and are classified according to the job at which they worked the greatest number of hours during the survey week. In the figures based on establishment reports, persons who worked in more than one establishment during the reporting period are counted each time their names appear on payrolls.

Unpaid absences from jobs. The household survey includes among the employed all persons who had jobs but were not at work during the survey week—that is, were not working but had jobs from which they were temporarily absent because of illness, bad weather, vacation, labor-management dispute, or because they were taking time off for various other reasons, even if they were not paid by their employers for the time off. In the figures based on payroll reports, persons on leave paid for by the company are included, but not those on leave without pay for the entire payroll period.

For a comprehensive discussion of the differences between household and establishment survey employment data, see Gloria P. Green's article "Comparing Employment Estimates from Household and Payroll Surveys," *Monthly Labor Review*, December 1969.

Hours of work

The household survey measures hours actually worked whereas the payroll survey measures hours paid for by employers. In the household survey data, all persons with a job but not at work are excluded from the hours distributions and the computations of average hours. In the payroll survey, production or nonsupervisory employees on paid vacation, paid holiday, or paid sick leave are included and assigned the number of hours for which they were paid during the reporting period.

Earnings

The household survey measures median earnings of wage and salary workers in all occupations and industries in both the private and public sectors. Data refer to the usual earnings received from the worker's sole or primary job. Data from the establishment survey generally refer to mean earnings of production and related workers in mining and manufacturing, construction workers in construction, and nonsupervisory employees in private service-producing industries. For a comprehensive discussion of the household survey earnings series, see "Technical Description of the Quarterly Data on Weekly Earnings from the Current Population Survey," BLS Bulletin 2113.

COMPARABILITY OF THE HOUSEHOLD DATA WITH OTHER SERIES

Unemployment insurance data. The unemployed total from the household survey includes all persons who did not have a job at all during the survey week and were looking for work or were waiting to be called back to a job from which they had been laid off, whether or not they were eligible for unemployment insurance. Figures on unemployment insurance claims, prepared by the Employment and Training Administration of the Department of Labor, exclude persons

who have exhausted their benefit rights, new workers who have not earned rights to unemployment insurance, and persons losing jobs not covered by unemployment insurance systems (some workers in agriculture, domestic services, and religious organizations, and self employed and unpaid family workers). Beginning in January 1978, coverage was extended to include domestic workers whose employers paid $1,000 or more in wages in any calendar quarter, agricultural employees whose employers engaged 10 or more workers in 20 weeks or paid a total $20,000 or more in wages in any calendar quarter, and almost all State and local government employees.

In addition, the qualifications for drawing unemployment compensation differ from the definition of unemployment used in the household survey. For example, persons with a job but not at work and persons working only a few hours during the week are sometimes eligible for unemployment compensation but are classified as employed rather than unemployed in the household survey.

For an examination of the similarities and differences between State insured unemployment and total unemployment, see "Measuring Total and State Insured Unemployment" by Gloria P. Green in the June 1971 issue of the *Monthly Labor Review*.

Agricultural employment estimates of the Department of Agriculture. The principal differences in coverage are the inclusion of persons under 16 in the Statistical Research Service (SRS) series and the treatment of dual jobholders who are counted more than once if they work on more than one farm during the reporting period. There are also wide differences in sampling techniques and collecting and estimating methods, which cannot be readily measured in terms of impact on differences in level and trend of the two series.

COMPARABILITY OF THE PAYROLL EMPLOYMENT DATA WITH OTHER SERIES

Statistics on manufactures and business, Bureau of the Census. BLS establishment statistics on employment differ from employment counts derived by the Bureau of Census from its censuses or annual sample survey of manufacturing establishments and the censuses of business establishments. The major reasons for some noncomparability are different treatment of business units considered parts of an establishment, such as central administrative offices and auxiliary units, the industrial classification of establishments, and different reporting patterns by multiunit companies. There are also differences in the scope of the industries covered, e.g., the Census of Business excludes professional services, public utilities, and financial establishments, whereas these are included in the BLS statistics.

County Business Patterns. Data in County Business Patterns (CBP), published by the Bureau of the Census, U.S. Department of Commerce, differ from BLS establishment statistics in the treatment of central administrative offices and auxiliary units. Differences may also arise because of industrial classification and reporting practices. In addition, CBP excludes interstate railroads and government, and coverage is incomplete for some of the nonprofit activities.

Employment covered by State unemployment insurance programs. Most nonagricultural wage and salary workers are covered by the unemployment insurance programs. Beginning in January 1972, coverage was expanded to include employees of small firms and selected nonprofit activities who had not been covered previously. However, certain activities, such as interstate railroads, parochial schools, and churches are not covered by unemployment insurance whereas these are included in the BLS establishment statistics. Beginning in January 1978, coverage was extended to include domestic workers whose employers paid $1,000 or more in wages in any calendar quarter, agricultural employees whose employers engaged 10 or more workers in 20 weeks or paid a total of $20,000 or more in wages in any calendar quarter, and almost all State and local government employees.

Household Data (A tables)

COLLECTION AND COVERAGE

Statistics on the employment status of the population, the personal, occupational, and other characteristics of the employed, the unemployed, and persons not in the labor force, and related data are compiled for the BLS by the Bureau of the Census in its Current Population Survey (CPS). A detailed description of this survey appears in *Concepts and Methods Used in Labor Force Statistics Derived from the Current Population Survey*, BLS Report 463. This report is available from BLS upon request.

These monthly surveys of the population are conducted with a scientifically selected sample designed to represent the civilian noninstitutional population. Respondents are interviewed to obtain information about the employment status of each member of the household 16 years of age and over. Separate statistics are also collected and published for 14- and 15-year-olds. The inquiry relates to activity or status during the calendar week, Sunday through Saturday, which includes the 12th of the month. This is known as the survey week. Actual field interviewing is conducted in the following week.

Inmates of institutions, members of the Armed Forces, and persons under 14 years of age are not covered in the regular monthly enumerations and are excluded from the population and labor force statistics shown in this report. Data on members of the Armed Forces, who are included as part of the categories "total noninstitutional population" and "total labor force," are, however, obtained from the Department of Defense.

Each month about 60,000 occupied units are eligible for interview. About 2,500 of these households are visited but interviews are not obtained because the occupants are not at home after repeated calls or are unavailable for other reasons. This represents a noninterview rate for the survey of between 4 or 5 percent. In addition to the 60,000 occupied units, there are 11,000 sample units in an average month which are visited but found to be vacant or otherwise not to be enumerated. Part of the sample is changed each month. The rotation plan provides for three-fourths of the sample to be common from 1 month to the next and one-half to be common with the same month a year earlier.

Beginning in September 1975, the sample was enlarged by 9,000 households in order to provide greater reliability for smaller States and thus permit the publication of annual statistics for all 50 States and the District of Columbia. These supplementary households were added to the national 47,000 household sample in January 1978.

Over the period November 1978 to April 1979 the sample was again enlarged by 9,000 households. These supplementary households were added to the 56,000 household sample in January 1980.

Beginning in May 1981, the sample size was cut by about 6,000 occupied housing units. The reduction did not affect the ability to

publish reliable State and local estimates and had practically no effect on the reliability of national estimates.

Beginning in January 1982, the sample was expanded by about 100 households in 15 counties. The expanded sample provides sufficient coverage of counties added to 7 of the 30 largest SMSA's redefined in 1973. The additional sample had practically no effect on the reliability of national or State estimates.

CONCEPTS

Employed persons comprise (a) all those who during the survey week did any work at all as paid employees, in their own business, profession, or farm, or who worked 15 hours or more as unpaid workers in an enterprise operated by a member of the family, and (b) all those who were not working but who had jobs or businesses from which they were temporarily absent because of illness, bad weather, vacation, labor-management dispute, or personal reasons, whether or not they were paid by their employers for the time off, and whether or not they were seeking other jobs.

Each employed person is counted only once. Those who held more than one job are counted in the job at which they worked the greatest number of hours during the survey week.

Included in the total are employed citizens of foreign countries, temporarily in the United States, who are not living on the premises of an embassy.

Excluded are persons whose only activity consisted of work around the house (such as home housework, and painting or repairing own home) or volunteer work for religious, charitable, and similar organizations.

Unemployed persons comprise all persons who did not work during the survey week, who made specific efforts to find a job within the past 4 weeks, and who were available for work during the survey week (except for temporary illness). Also included as unemployed are those who did not work at all, were available for work, and (a) were waiting to be called back to a job from which they had been laid off; or (b) were waiting to report to a new wage or salary job within 30 days.

Duration of unemployment represents the length of time (through the current survey week) during which persons classified as unemployed had been continuously looking for work. For persons on layoff, duration of unemployment represents the number of full weeks since the termination of their most recent employment. A period of 2 weeks or more during which a person was employed or ceased looking for work is considered to break the continuity of the present period of seeking work. Measurements of mean and median duration are computed from a distribution of single weeks of unemployment.

Unemployed persons by reasons for unemployment are divided into four major groups. (1) Job losers are persons whose employment ended involuntarily who immediately began looking for work and persons on layoff. (2) Job leavers are persons who quit or otherwise terminated their employment voluntarily and immediately began looking for work. (3) Reentrants are persons who previously worked at a full-time job lasting 2 weeks or longer but were out of the labor force prior to beginning to look for work. (4) New entrants are persons who never worked at a full-time job lasting 2 weeks or longer.

Jobseekers are all unemployed persons who made specific efforts to find a job, sometime during the 4-week period preceding the survey week. Jobseekers do not include persons unemployed because they (a) were waiting to be called back to a job from which they had been laid off or (b) were waiting to report to a new wage or salary job within 30 days. Jobseekers are grouped by the methods used to seek work, including going to a public or private employment agency or to an employer directly, seeking assistance from friends or relatives, placing or answering ads, or utilizing some "other" method. Examples of the "other" category include being on a union or professional register, obtaining assistance from a community organization, or waiting at a designated pick-up point.

The *civilian labor force* comprises the total of all civilians classified as employed or unemployed in accordance with the criteria described above. The "total labor force" also includes members of the Armed Forces stationed either in the United States or abroad.

The unemployment rate represents the number unemployed as a percent of the civilian labor force. This measure can also be computed for groups within the labor force classified by sex, age, marital status, race, occupation, industry, etc. The job-loser, job-leaver, reentrant, and new entrant rates are each calculated as a percent of the civilian labor force; the sum of the rates for the four groups thus equals the total unemployment rate.

Participation rates represent the proportion of the noninstitutional population that is in the labor force. Two types of participation rates are published. The total labor force participation rate, which is the ratio of the total labor force and the total noninstitutional population; and the civilian labor force participation rate which is the ratio of the civilian labor force and the civilian noninstitutional population. Participation rates are usually published for sex-age groups, often cross-classified by other demographic characteristics such as race and educational attainment.

Employment-population ratios represent the proportion of the total noninstitutional population that is employed.

Not in labor force includes all civilians 16 years and over who are not classified as employed or unemployed. These persons are further classified as "engaged in own home housework," in school," "unable to work" because of long-term physical or mental illness, and "other." The "other" group includes for the most part retired persons, those reported as too old to work, the voluntarily idle, and seasonal workers for whom the survey week fell in an "off" season and who were not reported as unemployed. Persons doing only incidental unpaid family work (less than 15 hours) are also classified as not in the labor force.

For persons not in the labor force, data on previous work experience, intentions to seek work again, desire for a job at the time of interview, and reasons for not looking for work are compiled on a quarterly basis. As of January 1970, the detailed questions for persons not in the labor force are asked only in those households that are in the fourth and eighth months of the sample, i.e., the "outgoing" groups, those which had been in the sample for 3 previous months and would not be in for the subsequent month. Between 1967 and 1969, the detailed not-in-labor force questions were asked of persons in the first and fifth months in the sample, i.e., the "incoming" groups.

Occupation, industry, and class of worker for the employed apply to the job held in the survey week. Persons with two or more jobs are classified in the job at which they worked the greatest number of hours during the survey week. The unemployed are classified according to their last full-time civilian job lasting 2 weeks or more. The occupation and industry groups used in the CPS are defined as in the 1970 Census of Population Information on the detailed categories included in these groups is available upon request.

The class-of-worker breakdown specifies "wage and salary workers," subdivided into private and government workers, "self-employed workers," and "unpaid family workers." Wage and salary workers receive wages, salary, commission, tips, or pay in kind from a private employer or from a government unit. Self-employed persons are those who work for profit or fees in their own business, profession, or trade, or operate a farm. Unpaid family workers are persons working without pay for 15 hours a week or more on a farm or in a business operated by a member of the household to whom they are related by blood or marriage.

Hours of work statistics relate to the actual number of hours worked during the survey week. For example, a person who normally works 40 hours a week but who was off on the Columbus Day holiday would be reported as working 32 hours even though he/she was paid for the holiday.

For persons working in more than one job, the figures relate to the number of hours worked in all jobs during the week. However, all the hours are credited to the major job.

The distribution of employment by hours worked relates to persons "at work" during the survey week. At work data differ from data on total employment because the latter include persons in the zero-hours worked category, "with a job but not at work." Included in this latter group are persons who were on vacation, ill, involved in a labor dispute, or otherwise absent from their jobs for voluntary, noneconomic reasons.

Persons who worked 35 hours or more in the survey week are designated as working "full time," correspondingly persons who worked between 1 and 34 hours are designated as working "part time." Part-time workers are classified by their usual status at their present job (either full or part time) and by their reason for working part time during the survey week (economic or other reasons). "Economic reasons" include: Slack work, material shortages, repairs to plant or equipment, start or termination of a job during the week, and inability to find full-time work. "Other reasons" include: Labor dispute, bad weather, own illness, vacation, demands of home, housework, school, no desire for full-time work, and full-time worker only during the peak season. Persons on full-time schedules include, in addition to those working 35 hours or more, those who worked from 1 to 34 hours for noneconomic reasons and usually work full time.

The *full-time labor force* consists of persons working on full-time schedules, persons involuntarily working part-time (part time for economic reasons), and unemployed persons seeking full-time jobs. The *part-time labor force* consists of persons working part time voluntarily and unemployed persons seeking part-time work. Persons with a job but not at work during the survey week are classified according to whether they usually work full or part-time.

Labor force time lost is a measure of aggregate hours lost to the economy through unemployment and involuntary part-time employment and is expressed as a percent of potentially available aggregate hours. It is computed by assuming: (1) That unemployed persons looking for full-time work lost an average of 37.5 hours (2) that those looking for part-time work lost the average number of hours actually worked by voluntary part-time workers during the survey week, and (3) that persons on part time for economic reasons lost the difference between 37.5 hours and the actual number of hours they worked.

White and black and other are terms used to describe the race of workers. The "black-and-other category," includes all persons who identified themselves in the enumeration process to be other than white. At the time of the 1980 Census of Population, 83 percent of the black-and-other civilian noninstitutional population 16 years and over were black; the remainder were primarily American Indians, Alaskan Natives, and Asians and Pacific Islanders. The term "black" is used in this volume when the relevant data are provided exclusively for the black population.

Hispanic origin refers to persons who identified themselves in the enumeration process as Mexican, Puerto Rican living on the mainland, Cuban, Central or South American, or of other Hispanic origin or descent.

Major activity: going to school and major activity: other are terms used to describe whether the activity of young persons during the reference week is primarily one of going to school or not. Statistics on major activity are published every month in table A-7 for 16- to 21-year-olds by employment status, race, and sex, and, if unemployed, whether seeking full- or part-time work.

Vietnam-era veterans are those who served in the Armed Forces of the United States between August 5, 1964, and May 7, 1975. Tables for veterans in this volume are limited to males in the civilian noninstitutional population, i.e., veterans in institutions and females are excluded.

Nonveterans are males who never served in the Armed Forces.

The *poverty areas* classification consists of all Census geographical divisions in which 20 percent or more of the residents were poor according to the 1970 Decennial Cenus. Persons were classified as poor or nonpoor by using income thresholds adopted by a Federal interagency committee in 1969. These thresholds vary by family size, composition, and residence (farm-nonfarm). While poverty areas have a substantial concentration of low-income residents, many poor persons live outside these areas and, conversely, the areas include many people who are not poor.

The *metropolitan areas* classification consists of the total of all areas encompassed by Standard Metropolitan Statistical Areas (SMSA's). The metropolitan area total is based on the number of SMSA's as defined in the 1970 Decennial Census and does not include any subsequent additions or changes. Nonmetropolitan areas refer to the total of all areas outside SMSA's. The nonmetropolitan total is disaggregated into farm and nonfarm components.

Usual weekly earnings data are provided from responses to the question "How much does . . .USUALLY earn per week at this job before deductions?" Included are any overtime pay, commissions, or tips usually received. Data refer to the sole or primary job of wage and salary workers. The term "usual" is as perceived by the respondent. If the respondent asks for a definition of "usual," interviewers are instructed to define the term as more than half the weeks worked during the past 4 or 5 months.

A *household* consists of all persons—related family members and all unrelated persons—who occupy a housing unit. A house, an apartment, a group of rooms, or a single room are regarded as a housing unit when occupied or intended for occupancy as separate living quarters.

A *householder* is the person (or one of the persons) in whose name the housing unit is owned or rented. The term is never applied to either husbands or wives in married-couple families but only to persons in families maintained by either men or women without a spouse.

Family refers to a group of two or more persons residing together who are related by blood, marriage, or adoption; all such persons are considered as members of one family even though they may include a "subfamily," that is, a married couple or a parent-child group related by blood or marriage to the householder and sharing the living quarters. The counts of families used in this volume refer to primary families only, that is, all persons in the household who are related to the householder. Families are classified either as married-couple families or as those maintained by women or men without spouses. Data on the earnings of families exclude all those in which there is no wage or salary earner or in which the husband, wife, or other persons maintaining the family is either self-employed or in the Armed Forces.

HISTORIC COMPARABILITY

Raised lower age limit

Beginning with data for 1967, the lower age limit for official statistics on persons in the labor force was raised from 14 to 16 years. A detailed discussion of this and other definitional changes introduced at that time including estimates of their effect on the various series, is contained in "New Definitions for Employment and Unemployment" by Robert L. Stein in the February 1967 issue of *Employment and Earnings and Monthly Report on the Labor Force.*

Noncomparability of labor force levels

Before the changes introduced in 1967, the labor force data were not comparable for three earlier periods: (1) Beginning in 1953, as a result of the introduction of data from the 1950 census into the estimation procedure, population levels were raised by about 600,000; labor force, total employment, and agricultural employment by about 350,000, primarily affecting the figures for totals and males; other categories were relatively unaffected; (2) beginning in 1960, the inclusion of Alaska and Hawaii resulted in an increase of about 500,000 in the population and about 300,000 in the labor force, four-fifths of this in nonagricultural employment; other labor force categories were not appreciably affected; (3) beginning in 1962, the introduction of figures from the 1960 census reduced the population by about 50,000, labor force and employment by about 200,000; unemployment totals were

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virtually unchanged. In addition, beginning in 1972, information from the 1970 census was introduced into the estimation procedures, producing an increase in the civilian noninstitutional population of about 800,000; labor force and employment totals were raised by a little more than 300,000, and unemployment levels and rates were essentially unchanged. A subsequent population adjustment based on the 1970 census was introduced in March 1973. This adjustment affected the white and black and other groups but had little effect on totals. The adjustment resulted in the reduction of nearly 300,000 in the white population and an increase of the same magnitude in the black and other population. Civilian labor force and total employment figures were affected to a lesser degree; the white labor force was reduced by 150,000, and the black and other labor force rose by about 210,000. Unemployment levels and rates were not significantly affected.

Beginning in January 1974, the methodology used to prepare independent estimates of the civilian noninstitutional population was modified to an "inflation-deflation" approach. This change in the derivation of the population estimates had its greatest impact on estimates of 20- to 24-year-old males—particularly those of the black-and-other population—but had little effect on 16 and over totals. Additional information on the adjustment procedure appears in "CPS Population Controls Derived from Inflation-Deflation Method of Estimation" in the February 1974 issue of *Employment and Earnings*.

Effective July 1975, as a result of the immigration of Vietnamese refugees into the United States, the total and black-and-other independent population controls for persons 16 years and over were adjusted upward by 76,000—30,000 males and 46,000 females. The addition of the refugees increased the black-and-other population by less than 1 percent in any age-sex group, and all of the changes were in the "other" population.

Beginning in 1978, the introduction of an expansion of the sample and revisions in the estimation procedures resulted in an increase of roughly a quarter of a million in the overall civilian labor force and employment totals; unemployment levels and rates were essentially unchanged. An explanation of the procedural changes and an indication of the differences appear in "Revisions in the Current Population Survey in January 1978" in the February 1978 issue of *Employment and Earnings*.

Beginning in October 1978, the race of the individual was determined by the household respondent for the incoming rotation group households, rather than determined by the interviewer as before. The purpose of this change was to provide more accurate estimates of characteristics by race. Thus, in October 1978, one-eighth of the sample households had race determined by the household respondent and seven-eighths of the sample households had race determined by interviewer observation. It was not until January 1980 that the entire sample had race determined by the household respondent. The new procedure had no significant effect on the estimates.

Beginning in 1979, the first-stage ratio estimation method was changed in the CPS estimation procedure. The new procedure is described in the *Estimating Methods* section. The reasoning behind the change and an indication of the differences appear in "Change in the Estimation Procedure for the Current Population Survey beginning in January 1979" in the February 1979 issue of *Employment and Earnings*. Differences between the old and new procedures exist only for metropolitan and nonmetropolitan estimates, not for the total U.S.

Beginning in January 1982, the second-stage ratio adjustment methodology was changed in the CPS estimation procedure. The new procedure is described in the *Estimating Methods* section. The purpose of the change and an indication of its effect on national estimates of labor force characteristics appear in "Revisions in the Current Population Survey in January 1982" in the February 1982 issue of *Employment and Earnings*. In addition, current population estimates used in the second-stage estimation procedure are derived from information obtained from the 1980 census, rather than the 1970 census. This change caused substantial increases in total population and estimates of persons in all labor force categories. Rates on labor force characteristics, however, remained virtually unchanged. Some 30,000 labor force series were adjusted back to 1970 to avoid major breaks in series. The adjustment procedure used is also described in the February 1982 article referenced above. The revisions did not, however, smooth out the breaks in series occurring between 1972 and 1979 that are described above, and data users should make allowances for them in making certain data comparisons.

Changes in the occupational classification system

Beginning with 1971, the comparability of occupational employment data was affected as a result of changes in census occupational classifications introduced into the Current Population Survey (CPS). These changes stemmed from an exhaustive review of the classification system to be used for the 1970 Census of Population. The purpose of this review, the most comprehensive since the 1940 census, was to reduce the size of larger groups, to be more specific about general and "not elsewhere classified" groups, and to provide information on emerging significant occupations. Differences in March 1970 employment levels tabulated on both the 1960 and 1970 classification systems ranged from a drop 650,000 in operatives to an increase of 570,000 in service workers, much of which resulted from a shift between these two groups; the nonfarm laborers group increased by 420,000, and changes in other groups amounted to 220,000 or less.

An additional major group was created by splitting the operatives category into two: Operatives, except transport, and transport equipment operatives. Separate data for these two groups first became available in January 1972. At the same time, several changes in titles, as well as in order of presentation, were introduced; for example, the title of the managers, officials, and proprietors group was changed to "managers and administrators, except farm," since only proprietors performing managerial duties are included in the category.

Apart from the effects of revisions in the occupational classification system beginning in 1971, comparability of occupational employment data was further affected in December 1971, when a question eliciting information on major activities or duties was added to the monthly CPS questionnaire in order to determine more precisely the occupational classification of individuals. This change resulted in several dramatic occupational shifts, particularly from managers and administrators to other groups. thus, meaningful comparisons of occupational levels cannot always be made for 1972 and subsequent years with earlier periods. However, revisions in the occupational classification system as well as in the CPS questionnaire are believed to have had but a negligible impact on unemployment rates.

Additional information on changes in the occupational classification system of the CPS appears in "Revisions in Occupational Classifications for 1971" and "Revisions in the Current Population Survey" in the February 1971 and February 1972 issues, respectively, of *Employment and Earnings*.

Changes in sample design

Since the inception of the survey, there have been various changes in the design of the CPS sample. Most of these changes were made in order to improve the efficiency of the sample design and/or to increase the reliability of the sample estimates.

One major change made after every decennial census is to change the sample design to make use of the recently collected census materials. Also, occasionally the sample is expanded in terms of number of sample areas and number of sample persons. In 1953, a rotation plan was introduced in which a sample unit would be interviewed for 4 months, leave the sample for 8 months, and then return to the sample for another 4 months. When Alaska and Hawaii achieved statehood, three more sample areas were added to the sample to account for the population in these States. After the 1960 census, selection of a major portion of the sample from census address lists was begun, though a portion of the sample is still collected using area

sampling. Following the 1970 census, the ultimate sampling unit was changed from a noncontiguous cluster of six housing units to a usually contiguous cluster of four housing units. In January 1978, a supplemental sample of 9,000 housing units, selected in 24 States and the District of Columbia and designed to provide more reliable annual average estimates for States, wes incorporated with the existing design. A coverage improvement sample, composed of approximately 450 sample household units which represent 237,000 occupied mobile homes and 60,000 new construction house units, was included in computing the estimates beginning in October 1978 in order to provide coverage of mobile homes and new construction housing units that previously had no chance for selection in the CPS sample. In January 1980 another supplemental sample of 9,000 households selected in 32 States and the District of Columbia was added to the existing sample. A sample reduction of about 6,000 units was implemented in May 1981. In January 1982, about 100 occupied units were added to provide sufficient coverage in counties added to SMSA's which were redefined in 1973.

Table A provides a description of some aspects of the CPS sample design in use during the different data collection periods. For a more detailed account of the history of the CPS sample design, see *The Current Population Survey: Design and Methodology*, Technical Paper No. 40, Bureau of the Census, U.S. Department of Commerce, or *Concepts and Methods used in Labor Force Statistics Derived from the Current Population Survey*, BLS Report 463.

ESTIMATING METHODS

Under the estimating methods used in the CPS, all of the results for a given month become available simultaneously and are based on returns from the entire panel of respondents. The CPS estimation procedure involves weighting the data from each sample person. The basic weight, which is the inverse of the probability of the person being in the sample, is a rough measure of the number of actual persons that the sample person represents. In States supplemented in the 1978 and 1980 expansions, almost all sample persons within the sample area have the same basic weight, but the weight may differ across sample areas. The basic weight is the same for almost all sample persons in unsupplemented States. The basic weights are then adjusted for noninterview, and the ratio estimation procedure is applied.

1. Noninterview adjustment. The weights for all interviewed households are adjusted to the extent needed to account for occupied sample households for which no information was obtained because of absence, impassable roads, refusals, or unavailability of the respondent for other reasons. This adjustment is made separately by combinations of sample areas within each State and the District of Columbia, and within these, for six groups—two race categories (white, and black and other) within three residence categories. For sample areas which are Standard Metropolitan Statistical Areas (SMSA's), these residence categories are the central cities, and the urban and the rural balance of the SMSA's. For other sample areas, the residence categories are urban, rural nonfarm, and rural farm. The proportion of sample households not interviewed varies from 4 to 5 percent depending on weather, vacations, etc.

2. *Ratio estimates.* The distribution of the population selected for the sample may differ somewhat, by chance, from that of the population as a whole, in such characteristics as age, race, sex, and residence. Since these characteristics are closely correlated with labor force participation and other principal measurements made from the sample, the survey estimates can be substantially improved when weighted appropriately by the known distribution of these population characteristics. This is accomplished through two stages of ratio estimates as follows:

a. *First-stage ratio estimate.* In the CPS, a portion of the 629 sample areas is chosen to represent other areas not in the sample; the remainder of the sample areas represent only themselves. The first-stage ratio estimation procedure was designed to reduce the portion of the variance resulting from requiring sample areas to represent nonsample areas. Therefore, this procedure is not applied to sample areas which represent only themselves. The procedure is performed at two geographic levels: First, by the four census regions (Northeast, North Central, South, and West), and second, for each of the 46 States which contains nonsample areas. The procedure corrects for the differences that existed at the time of the 1980 census between the distribution by race and residence of the population in the sample areas and the known race-residence distribution in the portions of the census region or State represented by these areas. The regional adjustment is performed by metropolitan-nonmetropolitan residence and race, while the State adjustment is done by urban-rural status and race.

b. *Second-stage ratio estimate.* In this stage, the sample proportions in the categories described below are adjusted to the distribution of independent current estimates of the civilian noninstitutional population in the same categories. The second-stage ratio estimate is performed in order to increase the reliability of the estimates and is carried out in two steps. In the first step, the sample estimates are adjusted within each State and the District of Columbia to an independent control for the population 16 years and over, for the State. The second step of the adjustment is applied to all sample persons and is a weighting to nationwide independent population estimates of the civilian noninstitutional population within 68 age-sex-race groups. The entire second-stage ratio estimation procedure is iterated six times, each time beginning at the weights developed the previous time. This iteration ensures that the sample estimates both of the State population and of the national age-sex-race categories will be virtually equal to the independent population estimates. This second stage adjustment procedure incorporates changes instituted in January 1982. The nature of these changes is discussed in detail in "Revisions in the

Table A. Characteristics of the CPS sample

Time period	Number of sample areas	Households eligible		Households visited not eligible
		Interviewed	Not interviewed	
Aug. 1947 to Jan. 1954	68	21,000	500–1,000	3,000–3,500
Feb. 1954 to Apr. 1956	230	21,000	500–1,000	3,000–3,500
May 1956 to Dec. 1959	[1] 330	33,500	1,500	6,000
Jan. 1960 to Feb. 1963	[2] 333	33,500	1,500	6,000
Mar. 1963 to Dec. 1966	357	33,500	1,500	6,000
Jan. 1967 to July 1971	449	48,000	2,000	8,500
Aug. 1971 to July 1972	449	45,000	2,000	8,000
Aug. 1972 to Dec. 1977	461	45,000	2,000	8,000
Jan. 1978 to Dec. 1979	614	53,500	2,500	10,000
Jan. 1980 to Apr. 1981	629	62,200	2,800	12,000
May 1981 to present	629	57,800	2,500	11,000

[1] Beginning in May 1956, these areas were chosen to provide coverage in each State and the District of Columbia.

[2] Three sample areas were added in 1960 to represent Alaska and Hawaii after statehood.

Current Population Survey Beginning in January 1982" in the February 1982 issue of *Employment and Earnings*.

The controls by State for the civilian noninstitutional population 16 years and over are an arithmetic extrapolation of the trend in the growth of this segment of the population from the April 1, 1980 census through the lastest available July 1 estimate, adjusted as a last step to a current estimate of the U.S. population of this group. State estimates by age for July 1 are published annually in *Current Population Reports*, Series P-25. For a description of the methodology used in developing the State total, use Report 640 of that series. Descriptions of the age estimates methodology are available on request from the Chief of the Population Division, U.S. Bureau of the Census; Washington, D.C. 20233.

Beginning with the January 1982 estimates, the independent national controls used for the age-sex-race groups in the final step of the second-stage ratio adjustment are prepared by carrying forward the April 1, 1980, total population by age, race, and sex, taking account of the subsequent aging of the population, fertility, mortality, and net immigration, and then subtracting the estimate for the institutional population and Armed Forces. The April 1, 1980, total population was computed by adding together the resident population, consistent with that published for the 1980 census in *Advance Reports*, Series PHC80-V, and the Armed Forces overseas, as compiled from Department of Defense reports.

Data on births and deaths between April 1, 1980, and the estimate date are based on tabulation of vital statistics for the resident population made by the National Center for Health Statistics and data on deaths of military personnel overseas from the Department of Defense. Estimates of net civilian immigration are based on data provided by the Immigration and Naturalization Service, the Department of Defense, the Office of Personnel Management, and the Puerto Rico Planning Board. The civilian noninstitutional population for the estimate date is derived by subtracting the Armed Forces and the institutional population from the total population including Armed Forces overseas. The institutional population is computed by applying institutional proportions derived from the 1980 census to the total population, including Armed Forces overseas for the estimate date. All computations described above are performed in cells defined by single year of age, race, and sex. The independent national controls totals are then obtained by collapsing these cells into broader age groups for the population 16 years and older.

3. *Composite estimate procedure.* In deriving statistics for a given month, a composite estimating procedure is used which takes account of net changes from the previous month for continuing parts of the sample (75 percent) as well as the sample results for the current month. Almost all estimates of month-to-month change are improved by this procedure, and most estimates of levels are also improved, but to a lesser extent.

Rounding of estimates

The sums of individual items may not always equal the totals shown in the same tables because of independent rounding of totals and components to the nearest thousand. Differences, however, are insignificant.

Reliability of the estimates

There are two types of errors possible in an estimate based on a sample survey—sampling and nonsampling. The standard errors provided primarily indicate the magnitude of the sampling error. They also partially measure the effect of some nonsampling errors in response and enumeration but do not measure any systematic biases in the data.

Nonsampling errors. The full extent of nonsampling error is unknown, but special studies have been conducted to quantify some sources of nonsampling error in the CPS as discussed below. The effect of nonsampling error should be small on estimates of relative change, such as month-to-month change. Estimates of monthly levels would be more severely affected by the nonsampling error.

Nonsampling errors in surveys can be attributed to many sources, e.g., inability to obtain information about all cases in the sample, definitional difficulties, differences in the interpretation of questions, inability or unwillingness of respondents to provide correct information, inability to recall information, errors made in collection such as in recording or coding the data, errors made in processing the data, errors made in estimating values for missing data, and failure to represent all sample households and all persons within sample households (undercoverage).

Nonsampling errors occurring in the interview phase of the survey have been studied by means of a reinterview program. This program is used to estimate various sources of error as well as to evaluate and control the work of the interviewers. A random sample of each interviewer's work is inspected through reinterview at regular intervals. The results indicate, among other things, that the data published from the CPS are subject to moderate systematic biases. A description of the CPS reinterview program and some of the other results may be found in the *Current Population Survey Reinterview Program, January 1961 through December 1966*, Technical Paper No. 19, Bureau of the Census, U.S. Department of Commerce.

The effects of some components of nonsampling error in the CPS data can be examined as a result of the rotation plan used for the sample, since the level of the estimates varies by rotation group. A description of these effects appears in the article "The Effects of Rotation Group Bias on Estimates from Panel Surveys," by Barbara A. Bailar, *Journal of the American Statistical Association*, Volume 70, No. 349, March 1975.

Undercoverage in the CPS results from missed housing units and missed persons within sample households. Overall undercoverage as compared to the level of the decennial census, is about 5 percent. It is known that the CPS undercoverage varies with age, sex, and race. Generally, undercoverage is larger for males than for females, and larger for black and other races combined than for whites. Ratio estimation to independent age-sex-race population controls, as described previously, partially corrects for the biases due to survey undercoverage. However, biases exist in the estimates to the extent that missed persons in missed households or missed persons in interviewed households have different characteristics than interviewed persons in the same age-sex-race group. Further, the independent population controls used have not been adjusted for undercoverage in the 1980 census.

Additional information on nonsampling error in the CPS appears in the paper, "An Error Profile: Employment as Measured by the Current Population Survey," by Camilla Brooks and Barbara Bailar, Statistical Policy Working Paper 3, U.S. Department of Commerce, Office of Federal Statistical Policy and Standards; in the paper "The Current Population Survey: An Overview," by Marvin Thompson and Gary Shapiro, *Annals of Economic and Social Measurement, Vol. 2, April 1973;* and in the *The Current Population Survey, Design and Methodology*, Technical Paper No. 40, Bureau of the Census, U.S. Department of Commerce. This last document includes a comprehensive and up-to-date discussion of various sources of error, and describes attempts to measure them in the CPS.

Sampling error. The standard error is primarily a measure of sampling variability, that is, of the variation that occurs by chance because a sample rather than the entire population is surveyed. The sample estimate and its estimated standard error enable one to construct confidence intervals, ranges that would include the average of all possible samples with a known probability. For example, if all possible samples were selected, each of these surveyed under essentially the same general conditions and using the sample sample design, and an estimate and its estimated error were calculated from each sample, then:

same general conditions and using the same sample design, and an estimate and its estimated error were calculated from each sample, then:

1. Approximately 68 percent of the intervals from one standard error below the estimate to one standard error above the estimate would include the average result of all possible samples.
2. Approximately 90 percent of the intervals from 1.6 standard errors below the estmate to 1.6 standard errors above the estimate would include the average of all possible samples.
3. Approximately 95 percent of the intervals from 2 standard errors below the estimate to 2 standard errors above the estimate would include the average result of all possible samples.

In order to derive standard errors that would be applicable to a large number of estimates and could be prepared at a moderate cost, a number of approximations were required. First, the standard errors in this volume reflect the sample design and estimation procedures in effect prior to the expansions for State estimates. Thus, these standard errors may slightly overstate the standard errors applicable to the present design. Second, instead of computing an individual standard error for each estimate, generalized sets of standard errors were computed for various types of characteristics. This generalization yields more stable estimates of the standard errors. Consequently, the sets of standard errors provided give an indication of the order of magnitude of the standard error of an estimate rather than the precise standard error.

Tables B and C show approximate standard errors for major employment status characteristics for monthly estimates and for changes for consecutive months. These standard errors are applicable to the level of the estimates in recent months.

Tables D through H provide generalized standard errors for monthly level and month-to-month change for estimated totals, unemployment rates, and percentages. Table I contains factors for use with table H for computing standard errors, as described below, for monthly level and month-to-month change for percentages. Standard errors for intermediate values not shown in the tables may be approximated by linear interpolation. The standard error for estimated changes from one month to the next is more closely related to the monthly level for the characteristic than to the size of the specific month-to-month change itself. Thus, in order to use the generalized standard errors for month-to-month change as given in the tables of standard errors, it is necessary to obtain the monthly estimate for the characteristic. It should be noted that the tables of standard errors for month-to-month change apply only to estimates of change between two consecutive months. Estimates of change for nonconsecutive months are subject to higher standard errors. Table J contains factors for use with tables D,F,H,and I to compute approximate standard errors, as described below, for levels, labor force participation rates, and percentages as pertaining to year-to-year change of monthly estimates, quarterly averages, changes in quarterly averages, yearly averages and changes in yearly averages. Note that standard errors for changes in quarterly and yearly estimates apply only to consecutive quarters and years. For years prior to 1967, the standard errors must be adjusted due to the differences in the sample size. For years prior to 1956, the standard errors should be multiplied by 1.50 and for the 1956-66 period they should by multiplied by 1.22. Table K provides generalized standard errors for quarterly estimates of persons and families for use with the CPS earnings data.

Standard errors for estimated totals. Tables D and E provide generalized standard errors for monthly totals and for month-to-month change. The figures given in these tables are to used for the characteristics as indicated.

Illustration. Assume that in a given month the number of persons working a specific number of hours was 12,000,000, an increase of 400,000 over the previous month. Linear interpolation in the second column of table D shows that the standard error on an estimate of 12,000,000 is about 150,000. The 68 percent confidence interval as shown by these data is from 11,850,000 to 12,150,000. Therefore, a conclusion that the average estimate derived from all possible samples lies within a range computed in this way would be correct for roughly 68 percent of all possible samples. Recall that the standard error of a month-to-month change is primarily dependent on the size of the monthly estimate. Thus, using linear interpolation in the first column of table E the standard error on a month-to-month change of 400,000 when the monthly level is approximately 12,000,000 is about 111,000.

Standard errors for rates and percentages. The reliability of an estimated unemployment rate or an estimated percentage, computed using sample data for both numerator and denominator, depends on both the size of the rate or percentage and the total upon which the rate or percentage is based. Estimated rates and percentages are relatively more reliable than the corresponding estimates of the numerator of the rates or percentages; this is particularly true for percentages of 50 percent or more. As a general rule, percentages are not published when the monthly base is less than 75,000, the quarterly average base is less than 60,000, or the annual average base is less than 35,000.

Tables F and G show generalized standard errors for monthly level and month-to-month change for unemployment rates.

Generalized standard errors for estimated monthly percentages and estimated month-to-month change in percentages can be obtained through the use of the standard errors in table H and the factors in table I. First obtain the standard error from table H for the specific percentage and base. The generalized standard error is then calculated

Table B. Standard errors for major employment status categories

(In thousands)

Employment status, sex, age, and race	Standard error of–	
	Monthly level	Month-to-month change (consecutive months only)
Total, 16 years and over:		
Civilian labor force	208	161
Employed	229	175
Unemployed	122	123
Males, 20 years and over:		
Civilian labor force	113	95
Employed	131	114
Unemployed	84	85
Females, 20 years and over:		
Civilian labor force	167	124
Employed	168	128
Unemployed	71	74
Both sexes, 16-19 years:		
Civilian labor force	80	85
Employed	85	94
Unemployed	58	72
Black and other, 16 years and over:		
Civilian labor force	73	56
Employed	84	63
Unemployed	59	62
Males, 20 years and over:		
Civilian labor force	40	34
Employed	49	43
Unemployed	40	42
Females, 20 years and over:		
Civilian labor force	62	46
Employed	62	48
Unemployed	36	40
Both sexes, 16-19 years:		
Civilian labor force	33	37
Employed	31	36
Unemployed	28	30

by multiplying the standard error from table H by the appropriate factor from table I. When the numerator and denominator of the percentage are in different categories, use the factor indicated by the numerator of the percentage.

Illustration. For example, assume that in a given month 3.6 percent of a total of 90,771,000 employed persons are employed in agriculture. First the standard error on an estimate of 3.6 percent with a base of 90,771,000 is obtained from table H (0.09 percentage point). The appropriate factor from table I for the numerator of the percentage, agricultural employment, is 1.26. The generalized standard error on the estimated 3.6 percent is then approximately 0.09 x 1.26 = 0.1 percentage point.

Standard errors for year-to-year change of monthly estimates, quarterly averages, changes in quarterly averages, yearly averages and changes in yearly averages. The approximate standard errors of levels, rates and percentages involving year-to-year change of monthly estimates, quarterly averages, changes in quarterly averages, yearly averages and changes in yearly averages may be obtained by using table J in conjunction with the other tables. Standard errors for estimates of change are more closely related to the level of the estimate than to the size of the specific change. Thus, to obtain the standard error of an estimate of an average level, rate, or percentage, or an estimate of a change in level, rate, or percentage, it is first necessary to find the appropriate estimate of level. For an estimate of an average level, rate or percentage, find the standard error of this estimate. For an estimate of change in level, rate or percentage, find the standard error of the average of the two estimates affecting the change. Then, after computing the standard error by treating these estimates as monthly estimates and using the procedures above, multiply this result by a suitable factor from table J to obtain the approximate standard error for the average or change.

Illustration. For example, suppose that one is interested in the year-to-year change of a monthly unemployment rate. Let us assume that for a certain month the unemployment rate is 6.9 percent based on a total of 95,676,000 in the civilian labor force, and that a year prior to this the unemployment rate was 6.1 percent based on a total of 94,254,000 in the civilian labor force for the month. First, the standard error on the average of the two estimates, 6.5 percent with a base of 94,965,000, is obtained from table F (0.11 percentage point). The appropriate factor then from table J is 1.40. The approximate standard error on the change of 0.8 percent is then given by 0.11x1.40 = 0.15 percentage point.

The approximate standard error of levels involving year-to-year change of quarterly estimates pertaining to CPS earnings data for persons and families may be obtained by using table K in conjunction with the following formula:

$$\text{Standard error of year-to-year change} = \sqrt{\left(\begin{matrix}\text{Standard}\\ \text{error}\\ X\end{matrix}\right)^2 + \left(\begin{matrix}\text{Standard}\\ \text{error}\\ Y\end{matrix}\right)^2 - 2(P)\left(\begin{matrix}\text{Standard}\\ \text{error}\\ X\end{matrix}\right)\left(\begin{matrix}\text{Standard}\\ \text{error}\\ Y\end{matrix}\right)}$$

where X is the estimate for one quarter and Y is the estimate for another quarter. The coefficient, P, is a measure of the correlation between the estimates X and Y resulting from the presence of some of the same respondents in the sample for each estimate. For consecutive year-to-year changes of quarterly estimates, the values of P are .30 for persons (total, white, and black) and .35 for families (total, white, and black). The respective values for estimates of Hispanics are .45 and .55.

Illustration:

Assume that in a given quarter the number of women employed as full-time wage and salary workers was 27,000,000 and in the same quarter a year later their number had increased to 29,000,000. Using linear interpolation in the eighth column of table K, the standard error of an estimate of 27,000,000 is 216,000; for 29,000,000 it is 221,000. Using the above formula, the standard error of the 2,000,000, year-to-year change is:

$$\sqrt{(216{,}000)^2 + (221{,}000)^2 - 2\,(.30)\,(216{,}000)\,(221{,}000)},$$

or about 259,000.

Table C. Standard errors for unemployment rates by major characteristics

Selected categories	Standard error of–	
	Monthly level	Consecutive month change
Total (all civilian workers)	0.12	0.12
Males, 20 years and over	.15	.15
Females, 20 years and over	.17	.18
Both sexes, 16-19 years	.57	.67
White workers	.12	.12
Black (and other) workers	.46	.49
Married men, spouse present	.15	.16
Married women, spouse present	.21	.23
Full-time workers	.12	.13
Part-time workers	.32	.40
Unemployed 15 weeks and over	.06	.07
OCCUPATION		
White-collar workers	.12	.13
Professional and technical	.18	.20
Managers and administrators, except farm	.20	.23
Sales workers	.36	.41
Clerical workers	.23	.25
Blue-collar workers	.24	.26
OCCUPATION		
Blue-collar workers—Continued		
Craft and kindred workers	0.33	0.37
Operatives, except transport	.44	.50
Transport equipment operatives	.70	.77
Nonfarm laborers	.71	.81
Service workers	.32	.36
Farm workers	.54	.62
INDUSTRY		
Nonagricultural private wage and salary workers	.13	.13
Construction	.59	.70
Manufacturing	.27	.30
Durable goods	.37	.41
Nondurable goods	.39	.45
Transportation and public utilities	.38	.42
Wholesale and retail trade	.26	.29
Finance and service industries	.17	.19
Government workers	.20	.23
Agricultural wage and salary workers	1.07	1.26

Table D. Standard errors for estimates of monthly level

(In thousands)

Estimated monthly level	Characteristic[1]								
	Agricultural employment	Labor force data other than unemployment and agricultural employment data						Unemployment	
		Total or white	Black and other	Total or white, 16-19 years	Black and other, 16-19 years	Total or white males only, or females only	Black and other males only, or females only	Total or white	Black and other
50	13	10	10	10	10	9	9	10	11
100	18	14	14	14	14	13	13	14	15
500	41	32	32	32	28	30	29	31	33
1,000	57	45	44	44	33	42	40	44	46
2,000	81	64	60	60	13	59	52	62	63
4,000	113	90	79	77	–	82	60	87	83
6,000	137	109	88	84	–	99	53	106	93
8,000	–	125	90	84	–	113	16	122	–
10,000	–	139	87	76	–	124	–	135	–
15,000	–	166	36	–	–	146	–	163	–
20,000	–	188	–	–	–	161	–	182	–
30,000	–	219	–	–	–	177	–	–	–
40,000	–	249	–	–	–	178	–	–	–
50,000	–	253	–	–	–	164	–	–	–
60,000	–	260	–	–	–	131	–	–	–
70,000	–	260	–	–	–	49	–	–	–
80,000	–	254	–	–	–	–	–	–	–
100,000	–	221	–	–	–	–	–	–	–
120,000	–	143	–	–	–	–	–	–	–

[1] When determining the standard error of an estimate for a group which is a subset of the age, sex, or race groups listed, use the standard error for the next larger group, e.g., when determining the standard error on the estimated number of employed persons age 20 to 54 years, use the column for total employed.

Table E. Standard errors for estimates of month-to-month change

(In thousands)

Estimated monthly level	Characteristic[1]							
	Labor force data other than unemployment and agricultural employment data				Unemployment			
	Total or white	Black and other	Total or white, 16-19 years	Black and other, 16-19 years	Total or white	Both sexes 16-19 years, or part-time labor force[2]	Black and other	Black and other, 16-19 years
50	8	8	12	12	11	12	12	12
100	11	11	17	17	16	17	16	17
500	24	23	37	33	35	39	36	34
1,000	34	33	52	37	48	55	49	39
2,000	47	45	70	–	68	77	65	–
4,000	66	58	89	–	93	107	80	–
6,000	81	65	96	–	110	129	–	–
8,000	93	68	93	–	123	147	–	–
10,000	103	65	78	–	132	162	–	–
15,000	123	33	–	–	145	191	–	–
20,000	130	–	–	–	148	211	–	–
30,000	163	–	–	–	–	–	–	–
40,000	179	–	–	–	–	–	–	–
50,000	189	–	–	–	–	–	–	–
60,000	194	–	–	–	–	–	–	–
70,000	195	–	–	–	–	–	–	–
80,000	191	–	–	–	–	–	–	–
100,000	179	–	–	–	–	–	–	–
120,000	119	–	–	–	–	–	–	–

[1] See footnote 1, table D.

[2] Part-time labor force for unemployment also includes persons reentering the labor force, persons who left their last job, and persons by duration of unemployment.

READEX FICHE

Table F. Standard errors for unemployment rates

Monthly base of unemployment rate (In thousands)	Monthly unemployment rate (percent)									
	1	2	5	10	15	20	25	30	35	50
50	2.05	2.88	4.49	6.18	7.36	8.25	8.93	9.46	9.85	10.36
100	1.45	2.04	3.18	4.37	5.20	5.83	6.32	6.69	6.97	7.33
500	.65	.91	1.42	1.96	2.33	2.61	2.82	2.99	3.12	3.28
1,000	.46	.65	1.01	1.38	1.65	1.84	2.00	2.12	2.21	2.32
2,000	.32	.46	.71	.98	1.17	1.31	1.42	1.50	1.56	1.64
4,000	.23	.32	.50	.69	.83	.92	1.00	1.06	1.10	1.16
6,000	.19	.26	.41	.57	.67	.75	.82	.86	.90	.94
10,000	.15	.21	.32	.44	.52	.59	.63	.67	.70	.73
20,000	.11	.15	.23	.31	.37	.41	.45	.47	.49	.51
60,000	.06	.08	.12	.17	.20	.23	.25	.26	.27	.28
100,000	.04	.06	.10	.13	.16	.18	.19	.20	.21	.22

Table G. Standard errors for month-to-month change in unemployment rates

Monthly base of unemployment rate (In thousands)	Monthly unemployment rate (percent)									
	1	2	5	10	15	20	25	30	35	50
50	2.32	3.28	5.12	7.10	8.52	9.64	10.05	11.39	11.97	12.55
100	1.64	2.32	3.62	5.02	6.02	6.81	7.11	8.05	8.39	8.87
500	.74	1.04	1.62	2.25	2.69	3.04	3.17	3.58	3.73	3.93
1,000	.52	.73	1.15	1.59	1.90	2.15	2.24	2.52	2.62	2.74
2,000	.37	.52	.81	1.12	1.34	1.51	1.57	1.76	1.83	1.89
4,000	.26	.37	.57	.79	.94	1.06	1.10	1.22	1.26	1.26
6,000	.21	.30	.47	.64	.76	.86	.89	.97	1.00	–
10,000	.16	.13	.36	.49	.59	.65	.67	.72	–	–
20,000	.11	.15	.24	.33	.39	.44	.48	.51	–	–
60,000	.06	.09	.13	.18	.21	.22	.23	–	–	–
100,000	.05	.07	.10	.13	.14	.14	–	–	–	–

Table H. Standard errors for estimated percentages and month-to-month change in percentages for labor force data

Monthly base of percentages (In thousands)	Percentage of monthly level									
	1 or 99	2 or 98	5 or 95	10 or 90	15 or 85	20 or 80	25 or 75	30 or 70	35 or 65	50
50	2.03	2.85	4.44	6.12	7.28	8.15	8.83	9.34	9.72	10.19
100	1.43	2.02	3.14	4.32	5.15	5.77	6.24	6.61	6.88	7.21
500	.64	.90	1.41	1.93	2.30	2.58	2.79	2.95	3.07	3.22
1,000	.45	.64	.99	1.37	1.63	1.82	1.97	2.09	2.17	2.28
2,000	.32	.45	.70	.97	1.15	1.29	1.40	1.48	1.54	1.61
4,000	.23	.32	.50	.68	.81	.91	.99	1.04	1.09	1.14
6,000	.19	.26	.41	.56	.66	.74	.81	.85	.89	.93
10,000	.14	.20	.31	.43	.51	.58	.62	.66	.69	.73
20,000	.10	.14	.22	.31	.36	.41	.44	.47	.49	.51
40,000	.07	.10	.16	.22	.26	.29	.31	.33	.34	.36
60,000	.06	.08	.13	.18	.21	.24	.25	.27	.28	.29
80,000	.05	.07	.11	.15	.18	.20	.22	.23	.24	.25
100,000	.05	.06	.10	.14	.16	.18	.20	.21	.22	.23
160,000	.04	.05	.08	.11	.13	.14	.16	.17	.17	.18

NOTE: The standard errors in this table must be multiplied by the factors in table I to obtain the approximate standard error for a specific characteristic.

Table I. Factors to be used with Table H to compute approximate standard errors for percentages and month-to-month change in percentages

Characteristic	Factor		Characteristic	Factor	
	Monthly level	Month-to-month change		Monthly level	Month-to-month change
Agricultural employment:			Unemployment:		
Total or full-time labor force	1.26	1.05	Part-time labor force, duration of unemployment, left last job, reentering labor force.	1.01	1.21
Part-time labor force	1.26	1.50			
Labor force data other than agricultural employment data and unemployment data:			All other unemployment characteristics:		
Total	1.00	.74	Total or white:		
Males only	.93	.84	Total	.97	1.08
Females only	.86	.75	Both sexes, 16-19 years	.97	1.21
Both sexes, 16-19 years	1.00	1.18	Black and other:		
Part-time labor force	1.00	1.18	Total	1.04	1.13
			Both sexes, 16-19 years	1.04	1.24

Table J. Factors to be used with Tables, D, F, H, and I to compute the approximate standard errors for levels, rates, and percentages for year-to-year change of monthly estimates, quarterly averages, change in quarterly averages, yearly averages and change in yearly averages

Characteristic	Factors				
	Year-to-year change of monthly estimate	Quarterly averages	Change in quarterly averages	Yearly averages	Change in yearly averages
Agricultural employment:					
Total or males	1.30	0.89	0.80	0.72	0.70
Females or teenagers (16-19 years)	1.30	.83	.80	.58	.70
Part time	1.40	.74	.80	.46	.70
Labor force data other than agricultural employment data and unemployment data:					
Total or white	1.30	.88	.88	.67	.70
Black and other or teenagers (16-19 years)	1.30	.82	.88	.57	.70
Part time	1.40	.74	.88	.46	.60
Unemployment:					
Total	1.40	.76	.88	.50	.65
Part time	1.40	.69	.88	.39	.54

Table K. Standard errors for estimates of quarterly level

(In thousands)

Estimated quarterly level	Characteristic								
	Total			Males				Females	
	Part-time workers	Total or full-time workers		Part-time workers	Total or full-time workers			Total, full-time, or part-time workers	
		Total or white	Black		Total	White	Black	Total or white	Black
10	5	5	5	5	5	5	5	5	5
50	11	12	12	11	12	12	12	11	11
75	13	15	15	13	15	15	15	13	13
100	15	17	17	15	17	17	17	15	15
150	19	21	21	19	21	21	21	19	19
200	22	24	24	22	24	24	24	22	21
250	24	27	27	24	27	27	27	24	24
300	26	30	30	26	30	30	29	26	26
500	34	38	38	34	38	38	37	34	33
750	42	47	46	42	47	47	45	42	41
1,000	48	54	53	48	54	54	50	48	46
1,500	59	66	63	59	66	66	59	59	56
2,000	68	76	72	68	76	76	65	68	63
2,500	76	85	79	75	84	84	69	75	69
3,000	83	93	85	82	92	92	71	82	74
5,000	107	119	100	105	117	116	64	105	85
7,500	130	145	107	127	140	138	–	127	–
10,000	149	165	102	144	157	155	–	145	–
15,000	180	198	–	187	183	179	–	173	–
20,000	205	224	–	192	199	193	–	195	–
25,000	226	244	–	207	209	199	–	211	–
30,000	224	261	–	219	212	198	–	224	–
40,000	273	286	–	236	201	174	–	242	–
50,000	296	301	–	–	–	–	–	–	–
75,000	331	304	–	–	–	–	–	–	–
100,000	343	255	–	–	–	–	–	–	–

Establishment Data
(B, and C tables)

COLLECTION

Payroll reports provide current information on wage and salary employment, hours, and earnings in nonagricultural establishments, by industry and geographic location.

Federal-State cooperation

Under cooperative arrangements, responding establishments report employment, hours, and earnings data to State agencies. State agencies mail the forms to the establishments and examine the returns for consistency, accuracy, and completeness. The States use the reported data to prepare State and area series and also send the reported data to the BLS (Washington Office) for use in preparing the national series. This avoids a duplicate reporting burden on establishments, and together with the use of similar estimating techniques at the national and State levels, promotes increased comparability between estimates.

Shuttle schedules

Form BLS 790—Report on Employment, Payroll, and Hours is the name of the data collection schedule. The collection agency returns the schedule to the respondent each month so that the next month's data can be entered on the space alotted for that month. This "shuttle" procedure assures maximum comparability and accuracy of reporting, since the respondent can see the figures that have been reported for previous months.

Form BLS 790 provides for entry of data on the total number of full- and part-time workers on the payrolls of nonagricultural establishments and, for most industries, employment, payroll, and hours of production and related workers or nonsupervisory workers for pay period which includes the 12th of the month.

CONCEPTS

Industrial classification

Establishments reporting on Form BLS 790 are classified into industries on the basis of their principal product or activity determined from information on annual sales volume. Since January 1980, this information is collected on a supplement to the quarterly unemployment insurance tax reports filed by employers. For an establishment making more than one product or engaging in more than one activity, the entire employment of the establishment is included under the industry indicated by the principal product or activity.

All data on employment, hours, and earnings for the Nation and for States and areas are classified in accordance with the 1972 *Standard Industrial Classification Manual* (SICM), Office of Management and Budget. The BLS tabulates and estimates statistics which distinguish between private and public establishments, thus maintaining continuity with previously published statistics for the private and government sector.

Industry employment

Employment data, except those for the Federal Government, refer to persons on establishment payrolls who received pay for any part of the pay period which includes the 12th of the month. For Federal Government establishments, employment figures represent the number of persons who occupied positions on the last day of the calendar month. Intermittent workers are counted if they performed any service during the month.

The data exclude proprietors, the self-employed, unpaid volunteer or family workers, farm workers, and domestic workers in households. Salaried officers of corporations are included. Government employment covers only civilian employees; military personnel are excluded. Employees of the Central Intelligence and National Security Agencies are also excluded.

Persons on establishment payrolls who are on paid sick leave (when pay is received directly from the firm), on paid holiday, on paid vacation, or who work during a part of the pay period even though they are unemployed or on strike during the rest of the period are counted as employed. Not counted as employed are persons who are on layoff, on leave without pay, on strike for the entire period, or who were hired but have not yet reported during the period.

Industry hours and earnings

Average hours and earnings data are derived from reports of payrolls and hours for production and related workers in manufacturing and mining, construction workers in construction, and nonsupervisory employees in private service-producing industries.

Production and related workers include working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, trucking, hauling, maintenance, repair, janitorial, guard services, product development, auxiliary production for plant's own use (e.g., power plant), recordkeeping, and other services closely associated with the above production operation.

Construction workers include the following employees in the construction division: Working supervisors, qualified craft workers, mechanics, apprentices, helpers, laborers, etc., engaged in new work, alterations, demolition, repair, maintenance, etc., whether working at the site of contruction or working in shops or yards at jobs (such as precutting and preassembling) ordinarily performed by members of the construction trades.

Nonsupervisory employees include employees (not above the working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, physicians, lawyers, accountants, nurses, social workers, research aides, teachers, drafters, photographers, beauticians, musicians, restaurant workers, custodial workers, attendants, line installers and repairers, laborers, janitors, guards, and other employees at similar occupational levels whose services are closely associated with those of the employees listed.

Payroll covers the payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of the pay period which includes the 12th of the month. The payroll is reported before deductions of any kind, e.g., for old-age and unemployment insurance, group insurance, withholding tax, bonds, or union dues; also included is pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period); other pay not earned in the pay period reported (e.g., retroactive pay); tips; and the value of free rent, fuel, meals, or other payment in kind are excluded. "Fringe benefits" (such as health and other types of insurance, contributions to retirement, etc., paid by the employer) are also excluded.

Hours cover the hours paid for during the pay period which includes the 12th of the month for production, construction, or nonsupervisory workers. Included are hours paid for holidays, vacations, and for sick leave when pay is received directly from the firm.

Overtime hours covers hours worked by production or related workers for which overtime premiums were paid because the hours were in excess of the number of hours of either the straight-time workday or the workweek during the pay period which includes the 12th of the month. Weekend and holiday hours are included only if overtime premiums were paid. Hours for which only shift differential, hazard, incentive, or other similar types of premiums were paid are excluded.

Gross average hourly and weekly earnings. Average hourly earnings are on a "gross" basis. They reflect not only changes in basic hourly and incentive wage rates but also such variable factors as premium pay for overtime and late-shift work and changes in output of workers

paid on an incentive plan. They also reflect shifts in the number of employees between relatively high-paid and low-paid work and changes in workers' earnings in individual establishments. Averages for groups and divisions further reflect changes in average hourly earnings for individual industries.

Averages of hourly earnings differ from wage rates. Earnings are the actual return to the worker for a stated period of time; rates are the amount stipulated for a given unit of work or time. The earnings series do not measure the level of total labor costs on the part of the employer since the following are excluded: Irregular bonuses, retroactive items, payments of various welfare benefits, payroll taxes paid by employers, and earnings for those employees not covered under the production worker, construction worker, or nonsupervisory employee definitions.

Gross average weekly earnings estimates are derived by multiplying average weekly hours estimates by average hourly earnings estimates. Therefore, weekly earnings are affected not only by changes in gross average hourly earnings but also by changes in the length of the workweek. Monthly variations in such factors as proportion of part-time workers, stoppages for varying reasons, labor turnover during the survey period, and absenteeism for which employees are not paid may cause the average workweek to fluctuate.

Long-term trends of gross average weekly earnings can be affected by structual changes in the makeup of the work force. For example, persistent long-term increases in the proportion of part-time workers in retail trade and many of the services industries have reduced average workweeks in these industries and have affected the average weekly earnings series.

Average weekly hours. The workweek information relates to the average hours for which pay was received and is different from standard or scheduled hours. Such factors as unpaid absenteeism, labor turnover, part-time work, and stoppages cause average weekly hours to be lower than scheduled hours of work for an establishment. Group averages further reflect changes in the workweek of component industries.

Average overtime hours. The overtime hours represent that portion of the gross average weekly hours which exceeded regular hours and for which overtime premiums were paid. If an employee were to work on a paid holiday at regular rates, receiving as total compensation his or her holiday pay plus straight-time pay for hours worked that day, no overtime hours would be reported.

Since overtime hours are premium hours by definition, gross weekly hours and overtime hours do not necessarily move in the same direction from month to month; for example, overtime premiums may be paid for hours in excess of the straight-time workday although less than a full week is worked. Diverse trends at the industry-group level also may be caused by a marked change in hours for a component industry where little or no overtime was worked in both the previous and current months. In addition, such factors as stoppages, absenteeism, and labor turnover may not have the same influence on overtime hours as on gross hours.

Railroads hours and earnings. The figures for Class I railroads (excluding switching and terminal companies) are based on monthly data summarized in the M-300 report of the Interstate Commerce Commission and relate to all employees except executives, officials, and staff assistants (ICC group I) who received pay during the month. Gross average hourly earnings are computed by dividing total compensation by total hours paid for. Average weekly hours are obtained by dividing the total number of hours paid for, reduced to a weekly basis, by the number of employees, as defined above. Gross average weekly earnings are derived by multiplying average weekly hours by average hourly earnings.

"Real" earnings, or earnings in constant dollars, are calculated from the earnings averages for the current month using a deflator derived from the Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W).

Average hourly earnings excluding overtime. Average hourly earnings excluding overtime premium pay are computed by dividing the total production-worker payroll for the industry group by the sum of total production-worker hours and one-half of total overtime hours. Prior to January 1956, these data were based on the application of adjustment factors to gross average hourly earnings (as described in the *Monthly Labor Review*, May 1950, pp. 537-40). Both methods eliminate only the earnings due to overtime paid for at 1½ times the straight-time rates. No adjustment is made for other premium payment provisions, such as holiday work, late-shift work, and overtime rates other than time and one-half.

Indexes of aggregate weekly payrolls and hours. The indexes of aggregate weekly payrolls and hours are prepared by dividing the current month's aggregate by the average of the 12 monthly figures for 1977. For basic industries, the hour aggregates are the product of average weekly hours and production-worker or nonsupervisory-worker employment, and the payroll aggregates are the product of hour aggregates and average hourly earnings. At all higher levels of industry aggregation, hour and payroll aggregates are the sum of the component aggregates.

Indexes of diffusion of changes in number of employees on nonagricultural payrolls. These indexes measure the percent of industries which posted increases in employment over the specified time span. The indexes are calculated from 172 unpublished seasonally adjusted employment series (two-digit nonmanufacturing industries and three-digit manufacturing industries) covering all nonagricultural payroll employment in the private sector. A more detailed discussion of these indexes appears in "Introduction of Diffusion Indexes," in the December 1974 issue of *Employment and Earnings*.

ESTIMATING METHODS

The principal features of the procedure used to estimate employment for the establishment statistics are (1) the use of the "link relative" technique, which is a form of ratio estimation; (2) periodic adjustment of employment levels to new benchmarks; and (3) the use of size and regional stratification.

The "link relative" technique

From a sample composed of establishments reporting for both the previous and current months, the ratio of current month employment to that of the previous month is computed. This is called a "link relative." The estimates of employment (all employees, including production and nonproduction workers together) for the current month are obtained by multiplying the estimates for the previous month by these "link relatives." In addition, small bias correction factors are applied to selected employment estimates each month. The size of the bias correction factors is determined from past experience. Other features of the general procedures are described in table L.

Size and regional stratification

A number of industries are stratified by size of establishment and/or by region, and the stratified production or nonsupervisory worker data are used to weight the hours and earnings into broader industry groupings. Accordingly, the basic estimating cell for an employment, hours, or earnings series, as the term is used in the summary of computational methods in table L, may be a whole industry or a size stratum, a region stratum, or a size stratum of a region within an industry.

Benchmark adjustments

Employment estimates are compared periodically with comprehensive counts of employment which provide "benchmarks" for the

Table L. Summary of methods for computing industry statistics on employment, hours, and earnings

Item	Basic estimating cell (industry, region, size, or region/size cell)	Aggregate industry levels (divisions, groups and, where stratified, individual cells)
	Monthly data	
All employees	All-employee estimate for previous month multiplied by ratio of all employees in current month to all employees in previous month, for sample establishments which reported for both months.[1]	Sum of all-employee estimates for component cells.
Production or nonsupervisory workers, women employees	All-employee estimate for current month multiplied by (1) ratio of production or nonsupervisory workers to all employees in sample establishments for current month, (2) estimated ratio of women to all employees.[2]	Sum of production- or nonsupervisory-worker estimates, or estimates of women employees, for component cells.
Gross average weekly hours	Production- or nonsupervisory-worker hours divided by number of production or nonsupervisory workers.[2]	Average, weighted by production- or nonsupervisory-worker employment, of the average weekly hours for component cells.
Average weekly overtime hours	Production-worker overtime hours divided by number of production workers.[2]	Average, weighted by production-worker employment, of the average weekly overtime hours for component cells.
Gross average hourly earnings	Total production- or nonsupervisory-worker payroll divided by total production- or nonsupervisory-worker hours.[2]	Average, weighted by aggregate hours, of the average hourly earnings for component cells.
Gross average weekly earnings	Product of gross average weekly hours and average hourly earnings.	Product of gross average weekly hours and average hourly earnings.
	Annual average data	
All employees, women employees, and production or nonsupervisory workers	Sum of monthly estimates divided by 12.	Sum of monthly estimates divided by 12.
Gross average weekly hours	Annual total of aggregate hours (production- or nonsupervisory-worker employment multiplied by average weekly hours) divided by annual sum of employment.	Annual total of aggregate hours for production or nonsupervisory workers divided by annual sum of employment for these workers.
Average weekly overtime hours	Annual total of aggregate overtime hours (production-worker employment multiplied by average weekly overtime hours) divided by annual sum of employment.	Annual total of aggregate overtime hours for production workers divided by annual sum of employment for these workers
Gross average hourly earnings	Annual total of aggregate payrolls (product of production- or nonsupervisory-worker employment by weekly hours and hourly earnings) divided by annual aggregate hours.	Annual total by aggregate payrolls divided by annual aggregate hours.
Gross average weekly earnings	Product of gross average weekly hours and average hourly earnings.	Product of gross average weekly hours and average hourly earnings.

[1] The estimates result from multiplying the product shown by bias adjustment factors to compensate for the underrepresentation of newly formed enterprises in the sample and other bias sources.

[2] The sample production-worker ratio, women-worker ratio, average weekly hours, average overtime hours, and average hourly earnings are modified by a wedging technique designed to compensate for changes in the sample arising mainly from the voluntary character of the reporting. The wedging procedure accepts the advantage of continuity from the use of the matched sample, and at the same time, tapers or wedges the estimate toward the level of the latest sample average.

various nonagricultural industries, and appropriate adjustments are made as indicated. The industry estimates are currently projected from March 1980 levels. Normally, benchmark adjustments are made annually.

The primary sources of benchmark information are employment data, by industry, compiled quarterly by States agencies from reports of establishments covered under State unemployment insurance laws. These tabulations cover about 98 percent of employees on nonagricultural payrolls in the United States. Benchmark data for the residual are obtained from the records of the Social Security Administration, the Interstate Commerce Commission, and a number of other agencies in private industry or government.

The estimates for the benchmark month are compared with new benchmark levels, industry by industry. If revisions are necessary, the monthly series of estimates between benchmark periods are adjusted between the new benchmark and the preceding one, and the new benchmark for each industry is then carried forward progressively to the current month by use of the sample trends. Thus, under this procedure, the benchmark is used to establish the level of employment; the sample is used to measure the month-to-month changes in the level. A comparison of the actual amounts of revisions made at the time of the March 1980 benchmark adjustment is shown in table M.

Data for all months since the last benchmark to which the series has been adjusted are subject to revision. Revised data are published as soon as possible after each benchmark revision.

THE SAMPLE

Design

The sampling plan used in the current employment statistics program is know as "sampling proportionate to average size of establishment." This design is an optimum allocation design among strata since the sampling variance is proportional to the average size of establishments. Under this type of design, large establishments fall into the sample with certainty. The size of the sample for the various industries is determined empirically on the basis of experience and of cost considerations. In a manufacturing industry in which a high proportion of total employment is concentrated in relatively few establishments, a large percent of total employment is included in the sample. Consequently, the sample design for such industries provides for a complete census of the large establishments with only a few chosen from among the smaller establishments or none at all if the concentration of employment is great enough. On the other hand, in an industry in which a large proportion of total employment is in small establishments, the sample design calls for inclusion of all large establishments and also for a substantial number of the small ones. Many industries in the trade and services divisions fall into this category. To keep the sample to a size which can be handled by available resources, it is necessary to design samples for these industries with a smaller proportion of universe employment than is the case for most manufacturing industries. Since individual establishments in these nonmanufacturing divisions generally show less fluctuation from regular cyclical or seasonal patterns than do establishments in manufacturing industries, these smaller samples (in terms of employment) generally produce reliable estimates.

In the context of the BLS employment statistics program, with its emphasis on producing timely data at minimum cost, a sample must be obtained which will provide coverage of a sufficiently large segment of the universe to provide reasonably reliable estimates that can be published promptly and regularly. The present sample meets these specifications for most industries. With its use, the BLS is able to produce preliminary estimates each month for many industries and for many geographic levels within a few weeks after the reference period, and, at a somewhat later date, statistics in considerably greater industrial detail.

Table M. Comparison of nonagricultural employment benchmarks and estimates for March 1980

Industry division	Bench-mark, March 1980	Estimate, March 1980	Percent difference
Total	90,253,000	90,316,000	0.1
Mining	990,000	996,000	.6
Construction	4,087,000	4,150,000	1.5
Manufacturing	20,722,000	20,793,000	.3
Transportation and public utilities	5,127,000	5,143,000	.3
Wholesale and retail trade	20,068,000	20,226,000	.7
Finance, insurance, and real estate	5,090,000	5,085,000	-.1
Services	17,636,000	17,478,000	-.9
Government	16,533,000	16,445,000	-.5

Coverage

The BLS sample of establishment employment and payrolls is the largest monthly sampling operation in the field of social statistics. Table N shows the approximate proportion of total employment in each industry division covered by the group of establishments furnishing monthly employment data. The coverage for individual industries within the division may vary from the proportions shown.

Reliability of the employment estimates

Although the relatively large size of the BLS establishment sample assures a high degree of accuracy, the estimates derived from it may differ from the figures that would be obtained if it were possible to take a complete census using the same schedules and procedures. As discussed under the previous section, a "link relative" technique is used to estimate employment. This requires the use of the previous month's estimate as the base in computing the current month's estimate. Thus, small sampling and response errors may cumulate over several months. To remove this accumulated error, the estimates are usually adjusted annually to new benchmarks. In addition to taking account of sampling and response errors, the benchmark revision

Table N. Approximate size and coverage of BLS employment and payrolls sample, March 1980[1]

Industry division	Number of establishments in sample	Employees	
		Number reported	Percent of total
Total	166,300	35,270,000	38
Mining	2,100	369,000	37
Construction	16,100	739,000	18
Manufacturing	44,200	11,175,000	54
Transportation and public utilities:			
Railroad transportation (ICC)	40	482,000	90
Other transportation and public utilities	7,600	2,623,000	57
Wholesale and retail trade	41,100	3,288,000	16
Finance, insurance, and real estate	11,200	1,826,000	36
Services	25,500	3,516,000	20
Government:			
Federal[2]	4,500	2,869,000	100
State and local	13,900	8,383,000	61

[1] Since a few establishments do not report payroll and hours information, hours and earnings estimates may be based on a slightly smaller sample than employment estimates.

[2] National estimates of Federal employment by agency are provided to BLS by the Office of Personnel Management. Detailed industry estimates for the Executive Branch, as well as State and area estimates of Federal employment, are based on a sample of 4,700 reports covering about 55 percent of employment in Federal establishments.

adjusts the estimates for changes in the industrial classification of individual establishments (resulting from changes in their product which are not reflected in the levels of estimates until the data are adjusted to new benchmarks). In fact, at the more detailed industry levels, particularly within manufacturing, changes in classification are the major cause of benchmark adjustments. Another cause of differences arises from improvements in the quality of the benchmark data. Table O presents the average percent revisions of the six most recent benchmarks (excluding the March 1973 adjustment) for major industry divisions. Detailed descriptions of individual benchmark revisions are available from the Bureau upon request.

The hours and earnings estimates for basic estimating cells are not subject to benchmark revisions, although the broader groupings may be affected slightly by changes in employment weights. The hours and earnings estimates, however, are subject to sampling errors which may be expressed as relative errors of the estimates. (A relative error is a standard error expressed as a percent of the estimate.) Relative errors for major industries are presented in table O and for individual industries with the specified number of employees in table P. The chances are about 2 out of 3 that the hours and earnings estimates from the sample would differ by a smaller percentage than the relative error from the averages that would have been obtained from a complete census.

One measure of the reliability of the employment estimates for individual industries is the root-mean-square error (RMSE). The measure is the standard deviation adjusted for the bias in estimates:

$$\text{RMSE} = \sqrt{(\text{Standard Deviation})^2 + (\text{Bias})^2}$$

If the bias is small, the chances are about 2 out of 3 that an estimate from the sample would differ from its benchmark by less than the root-mean-square error. The chances are about 19 out of 20 that the difference would be less than twice the root-mean-square error.

Table O. Average benchmark revision in employment estimates and relative errors for average weekly hours and average hourly earnings by industry division

(In percent)

Industry division	Average benchmark revision in estimates of employment[1]	Relative errors[2]	
		Average weekly hours	Average hourly earnings
Total nonagricultural employment	0.3	–	–
Total private	.3	0.1	0.2
Mining	1.0	.5	.5
Construction	1.7	.2	.3
Manufacturing	.3	.1	.1
Durable goods	.4	.1	.1
Nondurable goods	.4	.1	.1
Transportation and public utilities	.4	.7	.4
Trade	.4	.1	.2
Wholesale	.7	.2	.3
Retail	.4	.2	.2
Finance, insurance, and real estate	.5	.2	.4
Services	.7	.4	.8
Government[3]	.5	–	–

[1] The average percent revision in employment for the following benchmarks: 1970, 1971, 1974, 1978, and 1979.
[2] Relative errors relate to March 1971 data.
[3] Estimates for government are based on a total count for Federal Government and, prior to the March 1980 revision, samples for State and local government benchmarked to a quinquennial census of government conducted by the Bureau of the Census.

Approximations of the root-mean-square errors (based on the most recent benchmark revisions) of differences between final estimates and benchmarks are presented in table P.

Table P. Root-mean-square errors of differences between benchmarks and estimates of employment and average relative errors for average weekly hours and average hourly earnings

Size of employment estimate	Root-mean-square error of employment estimates[1]	Relative errors[2] (in percent)	
		Average weekly hours	Average hourly earnings
50,000	2,100	0.9	1.5
100,000	4,400	.7	1.1
200,000	7,100	.5	.9
500,000	15,200	.4	.8
1,000,000	17,100	.3	.5
2,000,000	28,500	.3	.5

[1] Assuming 12-month intervals between benchmark revisions.
[2] Relative errors relate to March 1971 data.

For the two most recent months, estimates of employment, hours, and earnings are preliminary and are so footnoted in the tables. These figures are based on less than the total sample and are revised when all the reports in the sample have been received. Table Q presents root-mean-square errors of the amounts of revisions that may be expected between the preliminary and final levels of employment and preliminary and final month-to-month changes. Revisions of preliminary hours and earnings estimates are normally not greater than 0.1 of an hour for weekly hours and 1 cent for hourly earnings.

STATISTICS FOR STATES AND AREAS

State and area employment, hours, and earnings data are collected and prepared by State agencies in cooperation with BLS.

Table Q. Errors of preliminary employment estimates

Category	Root-mean-square error of—	
	Monthly level	Month-to-month change
INDUSTRY DIVISIONS		
Total nonagricultural employment	83,000	69,000
Mining	5,000	5,000
Construction	19,000	16,000
Manufacturing	29,000	27,000
Durable two-digit industries	3,700	3,500
Nondurable two-digit industries	2,500	2,500
Transportation and public utilities	14,000	14,000
Wholesale and retail trade	30,000	27,000
Finance, insurance, and real estate	8,000	7,000
Services	31,000	26,000
Government	46,000	36,000
DETAILED INDUSTRIES: SIZE OF EMPLOYMENT ESTIMATE		
50,000	300	400
100,000	700	700
200,000	1,100	1,100
500,000	3,900	4,100
1,000,000	3,800	3,900
2,000,000	6,000	6,100

NOTE: Division level data are based on differences from January 1974 through March 1980. Detailed industry data are based on differences from August 1978 through June 1979.

The area statistics relate to metropolitan areas. Definitions for all areas are published each year in the issue of *Employment and Earnings* that contains State and area annual averages (usually the May issue). Changes in definitions are noted as they occur. Additional industry detail may be obtained from the State agencies listed on the inside back cover of each issue. These statistics are based on the same establishment reports used by BLS for preparing national estimates. For employment, the sum of the State figures may differ slightly from the equivalent official U.S. totals on a national basis, because some States have more recent benchmarks than others and because of the effects of differing industrial and geographic stratification.

For the States and the areas shown in the B and C sections of this periodical, all the annual average data for the detailed industry statistics currently published by each cooperating State agency are presented in a summary volume published annually by the BLS.

PRODUCTIVITY DATA

Tables C-9, C-10, and C-11 are compiled by the Bureau of Labor Statistics from establishment data and from estimates of compensation and gross national product supplied by the U.S. Department of Commerce and the Federal Reserve Board.

Definitions

Hours of wage and salary workers in nonagricultural establishments refer to hours paid for all employees—production workers, nonsupervisory workers, and salaried workers.

Output is the constant-dollar market value of final goods and services produced in a given period. Indexes of *output per hour* of labor input, or labor productivity, measure changes in the volume of goods and services produced per unit of labor.

Compensation per hour includes wages and salaries of employees plus employers' contributions for social insurance and private benefit plans. The data also include an estimate of wages, salaries, and supplementary payments for the self-employed, except for nonfinancial corporations, in which there are no self-employed.

Real compensation per hour is compensation per hour adjusted to eliminate the effect of changes in the Consumer Price Index for All Urban Consumers (CPI-U).

Unit labor costs measure the labor compensation cost required to produce one unit of output and are derived by dviding compensation per hour by output per hour. *Unit nonlabor payments* include profits, depreciation, interest, and indirect taxes per unit of output. They are computed by subtracting compensation of all persons from the current-dollar gross national product and dividing by output. In these tables, unit nonlabor costs contain all the components of unit nonlabor payments except unit profits. *Unit profits* include corporate profits and inventory valuation adjustments per unit of output.

The *implicit price deflator* is derived by dividing the current-dollar estimate of gross product by the constant-dollar estimate, making the deflator, in effect, a price index for gross product of the sector reported.

Notes on the data

For the private business sector and the nonfarm business sector, these indexes relate to the gross domestic product less household and institutions, owner-occupied housing, and statistical discrepancy. For the nonfinancial corporate sector, the indexes refer to the gross domestic product of nonfinancial corporate business.

Manufacturing data have been revised to reflect the revisions in the Federal Reserve Board Index of Industrial Production. Output data are supplied by the Bureau of Economic Analysis, U.S. Department of Commerce, and the Federal Reserve Board. Quarterly measures have been adjusted by the Bureau of Labor Statistics to annual estimates of output (gross product originating) from the Bureau of Economic Analysis. Compensation and hours data are from the Bureau of Economic Analysis and the Bureau of Labor Statistics.

State and Area Unemployment Data
(D table)

FEDERAL-STATE COOPERATIVE PROGRAM

Labor force and unemployment estimates for States, labor market areas (LMA's), and other areas covered under Federal assistance programs are developed by State employment security agencies under a Federal-State cooperative program. The local unemployment estimates which are derived from standardized procedures developed by BLS are the basis of determining eligibility of an areas for benefits under Federal programs such as the Comprehensive Employment and Training Act, the Public Works Employment Act, and the Public Workers and Economic Development Act.

ESTIMATING METHODS

Labor force and unemployment in 10 large States: New York, California, Illinois, Ohio, New Jersey, Pennsylvania, Michigan, Texas, Massachusetts, and Florida; and two areas: Los Angeles-Long Beach metropolitan areas and New York City, are sufficiently reliable to be used directly from the CPS. For a description of the CPS concepts see "Household Data," above.

Monthly employment and unemployment estimates in the remaining 40 States and 214 labor market areas are prepared in several stages.

1. *Preliminary estimate—employment:* The total employment estimate is based primarily on data from the survey of establishments which produces an estimate of payroll employment. This place-of-work estimate must be adjusted to refer to place of residences as used in the CPS. Factors for adjusting from place of work to place of residence have been developed for the major categories of employment by class of worker and industry on the basis of employment relationships which existed at the time of the 1970 Decennial Census. These factors are applied to the payroll employment estimates for the current period to obtain adjusted employment estimates.

2. *Preliminary estimate—unemployment:* In the current month, the estimate of unemployment is an aggregate of the estimates for each of three building block categories: (1) Persons who were previously employed in industires covered by State unemployment insurance (UI) laws; (2) those previously employed in industires not covered by these laws; and (3) those who were entering the labor force for the first time or reentering after a period of separation. This is referred to below as the UI-based estimate.

An estimate for those previously employed in covered industries is derived from a count of current employment insurance claimants, plus estimates of claimants whose benefits have been exhausted, those persons disqualified from receiving benefits for nonmonetary reasons (because they quit, were discharged for cause, etc., but would otherwise have been eligible), and persons who either filed claims late or not at all.

The estimate of those previously employed in industries not covered by UI is derived by applying to the employment estimate for each noncovered industry or class of worker subgroup in the State, the ratio of covered unemployment to covered employment weighted by factors reflecting national historical relationships.

For the third category, new entrants and reentrants into the labor force, a composite estimate is developed from equations that relate the total entrants into the labor force to the experienced unemployed and

the experienced labor force. For each month, the estimate of entrants into the labor force is a function of: (a) the month of the year; (b) the level of experienced unemployed; (c) the level of the experienced labor force; and (d) proportion of the working age population that is considered "youth." The composite estimate of total entrants is defined as :

U = A (X + E) + BX, where
U = total entrant unemployment
E = total employment
X = total experienced unemployment
A,B = synthetic factors incoporating seasonal variation and an assumed relationship between the proportion of youths in the working population and the historical relationship of entrants to the experienced unemployed (B factor) or the experienced labor force (A factor).

3. *Correction factors for employment and unemployment* are then applied at the State level of the UI-based estimates obtained above for each of the 40 States and the District of Columbia. These correction factors are based on the ratio of the CPS to the UI-based estimates for the 6 month period ending in the current month (e.g. a 6-month moving average).

4. *Substate adjustment for additivity.* Independent estimates of employment and unemployment are prepared both for the State (obtained directly from the CPS in the 10 large States or by the UI-based method in the remaining States), and labor market areas (LMA's) withing the State. The total of the geographic areas in the LMA's exhausts the geographic boundries of the State. A proportional adjustment is applied to all substate LMA estimates to ensure that the substate estimates of employment and unemployment add to the independent State totals. In California and New York, which also have substate areas taken directly from the CPS, the additivity adjustment for the remaining areas is applied to the State total minus the direct CPS area.

5. *Benchmark correction procedures.* Once each year monthly estimates prepared by the State employment security agencies using UI-based estimating procedures are adjusted, or benchmarked, by BLS to the annual average CPS estimates for the 40 States for which monthly CPS estimates are not available. This adjustment is necessary because the State-prepared estimates are not as reliable as the CPS annual averages due to differences in State UI laws, the structual limitations of the UI-based estimating method, and errors in the UI data.

The benchmarked estimates are produced in three stages. First, the monthly UI-based estimates are adjusted by the ratio of the CPS to the UI-based annual averages, Second, the difference between the ratio of annual averages for two consecutive years is wedged into the monthly estimates in order to minimize the distrubance to the original series. Finally, the third-stage estimates are forced into agreement with CPS annual averages. In the 10 States which use CPS estimates monthly, no benchmark correction is required, as the average of the 12 monthly State CPS estimates will equal CPS annual averages.

Seasonal Adjustment

Over the course of a year, the size of the Nation's labor force, the levels of employment and unemployment, and other measures of labor market activity undergo sharp fluctuations due to such seasonal events as changes in weather, reduced or expanded production, harvests, major holidays, and the opening and closing of schools. Because these seasonal events follow a more or less regular pattern each year, their influence on statistical trends can be eliminated by adjusting these statistics from month to month. These adjustments make it easier to observe the cyclical and other nonseasonal movements in the series. In evaluating changes in a seasonally adjusted series, it is important to note that seasonal adjustment is merely an approximation based on past experience. Seasonally adjusted estimates have a broader margin of possible error than the original data on which they are based, since they are subject not only to sampling and other errors but are also affected by the uncertainties of the seasonal adjustment process itself. Seasonally adjusted series for selected labor force and establishment data are published regularly in *Employment and Earnings*.

The seasonal adjustment program used for these series are based on an *adaptation* of the standard ratio-to-moving average method. They provide for "moving" adjustment factors to take account of changing seasonal patterns. A detailed description of the method is given in the publication, *The X-11 Variant of the Census Method II Seasonal Adjustment Program*, Technical Paper No. 15, Bureau of the Census (1967).

Beginning in January 1980, the BLS introduced two major modifications in the seasonal adjustment methodology for data from the household survey. First, the data are being seasonally adjusted with a new procedure called X-11 ARIMA, which was developed at Statistics Canada as an extension of the existing standard X-11 method. A detailed description of the procedure appears in *The X-11 ARIMA Seasonal Adjustment Method*, by Estela Bee Dagum, Statistics Canada Catalouge No. 12-564-E, February 1980. The X-11 procedure was originally developed at the Bureau of the Census and had been used by the BLS to seasonally adjust labor force series since 1973. Tests have shown that use of the X-11 ARIMA procedure, which essentially place more emphasis on recent data, provides better seasonal adjustments than does the X-11 method alone.

The second change is that seasonal factors are now being calculated for use during the first 6 months of the year rather than for the entire year. In July of each year, the BLS will calculate and publish (in *Employment and Earnings)* a new set of seasonal factors for use in the second half, based on the experience through June. Revisions of historical data for the most recent 5 years will continued to be made once a year, at the beginning of each calendar year. However, as a result of the revisions to the estimates for 1970-81 based on 1980 census population counts, revisions to seasonally adjusted series in early 1982 were carried back to 1970.

All civilian labor force and unemployment rate statistics, as well as the major employment and unemployment estimates, are computed by aggregating independently adjusted series. For example, for each of the three major labor force components—agricultural employment, nonagricultural employment, and unemployment—data for four sex-age groups (males and females under and over 20 years of age) are separately adjusted for seasonal variation and are then added to derive seasonally adjusted total figures. In order to provide seasonally adjusted total employment and civilian labor force estimates, the appropriate series are aggregated. The official unemployment rate for all civilian workers is derived by dividing the estimate for total unemployment (the sum of 4 seasonally adjusted sex-age components) by the civilian labor force (the sum of 12 seasonally adjusted sex-age components).

Revised seasonally adjusted data for selected labor force series based on the experience through December 1981, new seasonal adjustment factors to be used to calculate the overall unemployment rate for the first 6 months of 1982, and a description of the current seasonal adjustment methodology are published in the February 1982 issue of *Employment and Earnings*. Revised seasonally adjusted data covering the 1970-81 revision period for a broader range of labor force series also appear in the February 1982 issue of this publication. Many additional series, which are either components or aggregates of the series presented, are available from the BLS upon request.

Beginning in July 1980, the BLS also uses the X-11 ARIMA methodology in seasonally adjusting the establishment data, which previously had been computed using the *BLS Seasonal Factor Method*. All series are seasonally adjusted using the multiplicative models under X-11 ARIMA. Seasonal adjustment factors used in calculating the current estimates are based on data through March of 1981. The ARIMA model options for projecting the data series for 1 year ahead have been used in seasonally adjusting the establishment series, introduced with June 1981 data.

Seasonal adjustment factors are directly applied to the component levels. Seasonally adjusted totals for most of these series are then obtained by taking a weighted average of the seasonally adjusted data for the component series. Seasonally adjusted average weekly earnings are the product of seasonally adjusted average hourly earnings and seasonally adjusted average weekly hours. Average weekly earnings in constant dollars, seasonally adjusted, are obtained by dividing average weekly earnings, seasonally adjusted, by the seasonally adjusted Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W), and multiplying by 100. Indexes of aggregate weekly hours, seasonally adjusted, are obtained by multiplying average weekly hours, seasonally adjusted, by production or nonsupervisory workers, seasonally adjusted, and dividing by the 1977 base. For total private, total goods-producing, total private service-producing, trade manufacturing, and durable and nondurable goods industries, the indexes of aggregate weekly hours, seasonally adjusted, are obtained by summing the aggregate weekly hours, seasonally adjusted, for the appropriate component industries and dividing by the 1977 base.

Seasonally adjusted data are not published for a number of series characterized by small seasonal components relative to their trend-cycle and/or irregular components. Beginning with data for July 1981, these failed or unsatisfactory seasonally adjusted series are used in the aggregation to broader level seasonally adjusted series. In prior months, the unadjusted series were used in the aggregation process.

The seasonally adjusted establishment data for Federal Government are based on a series which excludes the Christmas temporary help employed by the Postal Service in December. The employment of these workers constitutes the only significant seasonal change in Federal Government employment during the winter months. Furthermore, the volume of such employment may change substantially from year to year because of administrative decisions by the Postal Service. Hence, it was considered desirable to exclude this group from the data upon which the seasonally adjusted series is based.

The revised seasonally adjusted series for the establishment data reflect experience through March 1981. Seasonal factors to be used for current adjustment appear in the July 1981 issue of *Employment and Earnings*.

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May 1982

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Calendar of Features

In addition to the monthly data appearing regularly in *Employment and Earnings* special features appear in most of the issues as shown below:

Household data

Annual averages	Jan.
Revised seasonally adjusted series	Jan., Feb.
Quarterly averages: Seasonally adjusted data, persons not in labor force, persons of Hispanic origin, Vietnam-era veterans and nonveterans, poverty-nonpoverty area data, family relationship data, weekly earnings data	Jan., Apr., July, Oct.

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Area definitions	May

State and area unemployment data

Annual averages	May[3]

[1] The issue that introduces new benchmark varies. The July 1981 issue introduced March 1980 benchmarks.

[2] Month of publication of annual supplement varies. The latest supplement was published in August 1981.

[3] Issue varies. Latest revised data introduced July 1981.

[4] Data for 1980 and 1981 will be published in the June 1982 issue.

Employment and Earnings

Vol. 29 No. 5 May 1982

Editors: Gloria P. Green, Gloria P. Goings, Rosalie K. Epstein

Editors' note

The national establishment-based series on employment, hours, and earnings in next month's issue of *Employment and Earnings* will reflect the annual revision to new benchmark levels and updated seasonal adjustment factors.

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Employment and Unemployment Developments, April 1982

Unemployment increased in April and employment declined after seasonal adjustment. The Nation's unemployment rate rose from 9.0 to 9.4 percent, the highest recorded in the post-World War II era.

Nonfarm payroll employment—as derived from the monthly survey of establishments—declined by 170,000. Total employment—as derived from the monthly survey of households—edged down for the second consecutive month. Since their peaks last year, both employment series have declined by roughly one and a half million.

Unemployment

Unemployment, which usually declines in April, fell less than seasonally and, after seasonal adjustment was up by 450,000. The overall unemployment rate rose four-tenths of a point to 9.4 percent. It had been 7.2 percent last July, the pre-recession series low.

The April rise in unemployment was widespread, as adult men (8.2 percent), adult women (8.3 percent), and teenagers (23.0 percent) experienced increases in their jobless rates. The rise in unemployment was felt most heavily by workers in the construction and durable goods manufacturing industries. The unemployment rate for blue-collar workers rose to a record 13.7 percent in April, up from 9.5 percent last July. In contrast, the rate for white-collar workers was about unchanged over the month, at 4.9 percent; it has risen by about a percentage point since July. (See tables A-33 and A-36.)

Among race-ethnic groups, the jobless rate for white workers rose to 8.4 percent in April, up from 6.3 percent last July. The unemployment rate for black workers was 18.4 percent; it had been 14.9 percent in July. The rate for Hispanics, 12.5 percent, was 2½ points above the July level. (See table A-35.)

About three-fifths of the over-the-month increase in joblessness was among job losers, who accounted for 57 percent of the unemployed. The median duration of unemployment rose from 7.6 to 8.5 weeks, while the mean duration was little changed at 14.2 weeks. Increases occurred in the number of persons unemployed less than 15 weeks and those out of work for 27 weeks or longer. (See tables A-37 and A-39.)

Total employment and the labor force

After seasonal adjustment, total employment edged down in both March and April, with the 2-month decline totaling a quarter of a million workers. At 99.3 million, total employment has dropped by 1.5 million from last July. While employment of adult women was little changed over this period, that for adult men declined by 890,000, and teenage employment fell by 540,000. The percentage of the population employed continued to trend downward; at 57.1 percent in April, the employment-population ratio was 1.7 percentage points below its 1981 high.

The civilian labor force grew by 300,000 over the month to 109.6 million. Labor force growth over the past year has been slow, about 900,000, reflecting reduced labor force participation among adult men and teenagers, as well as a decline in the size of the teenage population. While the participation rate for adult women did rise over the year, the increase was much smaller than in recent years. (See table A-33.)

Industry payroll employment

Total nonagricultural payroll employment declined by 170,000 in April, after adjustment for seasonality, to 90.6 million. Job losses since last September have totaled 1.4 million, with 1.2 million occurring in manufacturing alone. Over-the-month employment curtailments were fairly widespread, as employment gains were registered in only two-fifths of the 172 industries comprising the BLS diffusion index of private nonagricultural payroll employment. (See tables B-4 and B-7.)

Job cutbacks in construction and manufacturing accounted for most of the over-the-month decline. Construction employment was down 85,000 in April; over the past year, nearly 1 in 10 construction jobs have been lost. Employment in manufacturing continued to decline in April, though the over-the-month decrease of 80,000 was smaller than in most previous months of the current downturn. Most of the reduction occurred within durable goods industries, where the largest cutbacks took place in machinery, primary and fabricated

metals, and transportation equipment. In the nondurable goods sector, changes were generally small except for an increase in textile mill products and a decrease in apparel. Elsewhere in the goods-producing sector, jobs in mining continued the downward trend that has totaled 25,000 since last December.

Employment in the service-producing sector was about unchanged in April, as an increase of 65,000 in services was countered by declines of 40,000 in trade and 25,000 in government.

Hours of work

The average workweek of production or nonsupervisory workers on private nonagricultural payrolls was 34.8 hours in April, down 0.1 hour over the month. Average hours in manufacturing were up 0.1 hour, as an increase of 0.2 hour in durable goods more than offset a small decline in nondurables. Factory overtime hours were also up 0.1 hour in April. (See table C-6.)

The index of aggregate weekly hours of production or nonsupervisory workers on private nonfarm payrolls—a comprehensive measure of both employment and hours effects—dropped 0.4 percent in April to 105.7 (1977 = 100). The manufacturing index also declined 0.4 percent in April to 89.9. Since last July, the factory index has fallen 10.5 percent (See table C-7.)

Hourly and weekly earnings

Average hourly earnings rose 0.3 percent in April, while average weekly earnings were virtually unchanged, after seasonal adjustment. Before adjustment for seasonality, average hourly earnings rose 2 cents to $7.56, 43 cents above a year earlier. Weekly earnings were little changed over the month but increased $10.60 over the past year. (See tables C-1 and C-8.)

The Hourly Earnings Index

The Hourly Earnings Index (HEI) was 146.4 (1977 = 100) in April, seasonally adjusted, 0.4 percent higher than in March. For the 12 months ended in April, the increase (before seasonal adjustment) was 7.1 percent. The HEI excludes the effects of two types of changes unrelated to underlying wage rate movements—fluctuations in overtime in manufacturing and interindustry employment shifts. In dollars of constant purchasing power, the HEI increased 0.7 percent during the 12-month period ended in March. (See table C-8.)

Seasonally adjusted data for April 1982 for some series have been corrected from those published in the news release, The Employment Situation: April 1982, for all employees, production workers, and indexes of aggregate weekly hours. For all employees and production workers, the series are: Total, total private, service-producing, wholesale and retail trade, and retail trade. For the index of aggregate weekly hours, the series are wholesale and retail trade, and retail trade. The corrected data appear in tables B-4, B-6, and C-7 of this issue of *Employment and Earnings*.

A-1. Employment status of the noninstitutional population 16 years and over, 1947 to date

(Numbers in thousands)

Year and month	Total noninstitutional population	Total labor force		Civilian labor force						Not in labor force
					Employed			Unemployed		
		Number	Percent of population	Total	Total	Agriculture	Nonagricultural industries	Number	Percent of labor force	
	Annual average									
1947	103,418	60,941	58.9	59,350	57,038	7,890	49,148	2,311	3.9	42,477
1948	104,527	62,080	59.4	60,621	58,343	7,629	50,714	2,276	3.8	42,447
1949	105,611	62,903	59.5	61,286	57,651	7,658	49,993	3,637	5.9	42,708
1950	106,645	63,858	59.9	62,208	58,918	7,160	51,758	3,288	5.3	42,787
1951	107,721	65,117	60.4	62,017	59,961	6,726	53,235	2,055	3.3	42,604
1952	108,823	65,730	60.4	62,138	60,250	6,500	53,749	1,883	3.0	43,093
1953[1]	110,601	66,560	60.2	63,015	61,179	6,260	54,919	1,834	2.9	44,041
1954	111,671	66,993	60.0	63,643	60,109	6,205	53,904	3,532	5.5	44,678
1955	112,732	68,072	60.4	65,023	62,170	6,450	55,722	2,852	4.4	44,660
1956	113,811	69,409	61.0	66,552	63,799	6,283	57,516	2,750	4.1	44,402
1957	115,065	69,729	60.6	66,929	64,071	5,947	58,123	2,859	4.3	45,336
1958	116,363	70,275	60.4	67,639	63,036	5,586	57,450	4,602	5.8	46,088
1959	117,881	70,921	60.2	68,369	64,630	5,563	59,065	3,740	5.5	46,960
1960[1]	119,759	72,142	60.2	69,628	65,778	5,458	60,318	3,852	5.5	47,617
1961	121,343	73,031	60.2	70,459	65,746	5,200	60,546	4,714	6.7	48,312
1962	122,981	73,442	59.7	71,614	66,702	4,944	61,759	4,911	6.9	49,539
1963	125,154	74,571	59.6	71,833	67,762	4,687	63,076	4,070	5.7	50,583
1964	127,224	75,830	59.6	73,091	69,305	4,523	64,782	3,786	5.2	51,394
1965	129,236	77,178	59.7	74,455	71,088	4,361	66,726	3,366	4.5	52,058
1966	131,180	78,893	60.1	75,770	72,895	3,979	68,915	2,875	3.8	52,288
1967	133,319	80,793	60.6	77,347	74,372	3,844	70,527	2,975	3.8	52,527
1968	135,562	82,272	60.7	78,737	75,920	3,817	72,103	2,817	3.6	53,291
1969	137,841	84,240	61.1	80,734	77,902	3,606	74,296	2,832	3.5	53,602
1970	140,272	85,959	61.3	82,771	78,678	3,463	75,215	4,093	4.9	54,315
1971	143,033	87,198	61.0	84,382	79,367	3,394	75,972	5,016	5.9	55,834
1972[1]	146,574	89,484	61.1	87,034	82,153	3,484	78,659	4,882	5.6	57,091
1973[1]	149,423	91,756	61.4	89,429	85,064	3,470	81,594	4,365	4.9	57,667
1974	152,349	94,179	61.8	91,949	86,794	3,515	83,279	5,156	5.6	58,171
1975	155,333	95,955	61.8	93,775	85,846	3,408	82,438	7,929	8.5	59,377
1976	158,294	98,302	62.1	96,158	88,752	3,331	85,421	7,406	7.7	59,991
1977	161,166	101,142	62.8	99,009	92,017	3,283	88,734	6,991	7.1	60,025
1978[1]	164,027	104,368	63.6	102,251	96,048	3,387	92,661	6,202	6.1	59,659
1979	166,951	107,050	64.1	104,962	98,824	3,347	95,477	6,137	5.8	59,900
1980	169,848	109,042	64.2	106,940	99,303	3,364	95,938	7,637	7.1	60,806
1981	172,272	110,812	64.3	108,670	100,397	3,368	97,033	8,273	7.6	61,460
	Monthly data, seasonally adjusted[2]									
1981:										
April	171,770	110,906	64.6	108,777	100,878	3,473	97,409	7,899	7.3	60,864
May	171,956	111,420	64.8	109,293	101,045	3,405	97,640	8,248	7.5	60,536
June	172,172	110,565	64.2	108,434	100,430	3,348	97,082	8,004	7.4	61,608
July	172,385	110,827	64.3	108,688	100,864	3,342	97,522	7,824	7.2	61,558
August	172,559	110,978	64.3	108,818	100,840	3,404	97,436	7,978	7.3	61,581
September	172,758	110,659	64.1	108,494	100,258	3,358	96,900	8,236	7.6	62,099
October	172,966	111,170	64.3	109,012	100,343	3,378	96,965	8,669	8.0	61,797
November	173,155	111,430	64.4	109,272	100,172	3,372	96,800	9,100	8.3	61,724
December	173,330	111,348	64.2	109,184	99,613	3,209	96,404	9,571	8.8	61,982
1982:										
January	173,495	111,038	64.3	108,879	99,581	3,211	96,170	9,298	8.5	62,456
February	173,657	111,333	64.1	109,165	99,590	3,373	96,217	9,575	8.8	62,324
March	173,843	111,521	64.2	109,346	99,492	3,349	96,144	9,854	9.0	62,321
April	174,020	111,824	64.3	109,648	99,340	3,309	96,032	10,307	9.4	62,197

[1] Not strictly comparable with prior years. For an explanation, see "Historic Comparability" under Household Data section of Explanatory Notes.

[2] Because seasonality, by definition, does not exist in population figures, data for "total noninstitutional population" are not seasonally adjusted.

HOUSEHOLD DATA
HISTORICAL

A-2. Employment status of the noninstitutional population 16 years and over by sex, 1972 to date

(Numbers in thousands)

Sex, year, and month	Total noninstitutional population	Total labor force		Civilian labor force						Not in labor force
					Employed			Unemployed		
		Number	Percent of population	Total	Total	Agriculture	Nonagricultural industries	Number	Percent of labor force	
MALES				Annual averages						
1972[1]	70,241	55,961	79.7	53,555	50,898	2,849	48,047	2,659	5.0	14,28
1973[1]	71,567	56,900	79.5	54,624	52,349	2,847	49,502	2,275	4.2	14,66
1974	72,971	57,902	79.3	55,739	53,024	2,919	50,105	2,718	4.9	15,06
1975	74,383	58,390	78.5	56,299	51,857	2,824	49,032	4,442	7.9	15,99
1976	75,798	59,212	78.1	57,174	53,138	2,744	50,394	4,036	7.1	16,58
1977	77,211	60,414	78.2	58,396	54,728	2,671	52,057	3,667	6.3	16,79
1978[1]	78,569	61,613	78.4	59,620	56,479	2,719	53,761	3,142	5.3	16,95
1979	79,968	62,676	78.4	60,726	57,607	2,686	54,921	3,120	5.1	17,29
1980	81,341	63,396	77.9	61,453	57,186	2,709	54,477	4,267	6.9	17,94
1981	82,476	63,939	77.5	61,974	57,397	2,733	54,697	4,577	7.4	18,53
				Monthly data, seasonally adjusted[2]						
1981:										
April	82,236	64,047	77.9	62,092	57,792	2,793	55,032	4,300	6.9	18,18
May	82,324	64,317	78.1	62,364	57,793	2,728	55,065	4,571	7.3	18,03
June	82,428	63,647	77.2	61,694	57,279	2,734	54,575	4,415	7.2	18,79
July	82,529	63,771	77.3	61,811	57,640	2,696	54,944	4,171	6.7	18,75
August	82,613	63,936	77.4	61,936	57,551	2,738	54,813	4,385	7.1	18,69
September	82,707	63,960	77.3	61,977	57,471	2,687	54,784	4,506	7.3	18,74
October	82,807	64,040	77.3	62,064	57,266	2,715	54,551	4,798	7.7	18,76
November	82,895	64,158	77.4	62,184	57,051	2,668	54,383	5,133	8.3	18,73
December	82,978	64,283	77.5	62,303	56,725	2,590	54,135	5,578	9.0	18,69
1982:										
January	83,054	63,941	77.0	61,966	56,629	2,698	53,931	5,338	8.6	19,11
February	83,129	64,025	77.0	62,082	56,658	2,693	53,965	5,384	8.7	19,10
March	83,218	64,069	77.0	62,082	56,472	2,667	53,805	5,610	9.0	19,14
April	83,303	64,234	77.1	62,247	56,401	2,661	53,739	5,846	9.4	19,06
FEMALES				Annual averages						
1972[1]	75,333	33,522	43.9	33,479	31,257	635	30,622	2,222	5.6	42,81
1973[1]	77,855	34,855	44.8	34,804	32,715	622	32,093	2,089	6.0	43,00
1974	79,379	36,278	45.7	36,211	33,769	596	33,173	2,441	6.7	43,10
1975	80,949	37,565	46.4	37,475	33,989	584	33,404	3,486	9.3	43,39
1976	82,496	39,089	47.4	38,983	35,615	588	35,027	3,369	8.6	43,40
1977	83,955	40,728	48.5	40,613	37,289	612	36,677	3,324	8.2	43,22
1978[1]	85,459	42,755	50.0	42,631	39,569	669	38,900	3,061	7.2	42,70
1979	86,983	44,375	51.0	44,235	41,217	661	40,556	3,018	6.8	42,60
1980	88,507	45,646	51.6	45,487	42,117	656	41,461	3,370	7.4	42,86
1981	89,796	46,873	52.2	46,696	43,000	667	42,333	3,696	7.9	42,92
				Monthly data, seasonally adjusted[2]						
1981:										
April	89,535	46,859	52.3	46,685	43,086	630	42,405	3,599	7.7	42,67
May	89,632	47,103	52.6	46,929	43,252	577	42,575	3,677	7.8	42,52
June	89,744	46,918	52.3	46,740	43,151	644	42,507	3,589	7.7	42,82
July	89,856	47,056	52.4	46,877	43,224	646	42,578	3,653	7.8	42,80
August	89,946	47,062	52.3	46,882	43,289	666	42,623	3,593	7.7	42,88
September	90,051	46,699	51.9	46,517	42,787	671	42,116	3,730	8.0	43,35
October	90,159	47,129	52.3	46,948	43,077	663	42,414	3,871	8.2	43,03
November	90,259	47,272	52.4	47,088	43,121	704	42,417	3,967	8.4	42,98
December	90,352	47,066	52.1	46,881	42,888	619	42,269	3,993	8.5	43,28
1982:										
January	90,441	47,097	52.1	46,913	42,952	713	42,239	3,960	8.4	43,34
February	90,528	47,308	52.3	47,123	42,932	680	42,251	4,191	8.9	43,22
March	90,625	47,452	52.4	47,264	43,020	682	42,339	4,243	9.0	43,17
April	90,718	47,589	52.5	47,401	42,940	647	42,292	4,461	9.4	43,12

[1] Not strictly comparable with prior years. For an explanation, see "Historic Comparability" under Household Data section of Explanatory Notes.

[2] Because seasonality, by definition, does not exist in population figures, data for "total noninstitutional population" are not seasonally adjusted.

A-3. Employment status of the noninstitutional population by sex, age, and race

(Numbers in thousands)

Sex, age, and race	April 1982										
	Total labor force		Civilian labor force				Not in labor force				
					Unemployed						
	Number	Percent of population	Total	Employed	Number	Percent of labor force	Total	Keeping house	Going to school	Unable to work	Other reasons
MALES											
16 years and over	63,761	76.5	61,773	55,924	5,850	9.5	19,592	328	4,817	1,574	12,924
16 to 21 years	7,859	62.5	7,225	5,699	1,526	21.1	4,735	24	3,887	36	758
16 to 19 years	4,446	54.3	4,187	3,188	999	23.9	3,736	18	3,147	16	554
16 to 17 years	1,674	42.3	1,664	1,255	409	24.6	2,287	10	1,938	2	338
18 to 19 years	2,772	65.7	2,522	1,933	590	23.4	1,449	9	1,209	14	217
20 to 64 years	57,446	88.7	55,717	50,949	4,770	8.6	7,385	160	1,670	1,105	4,411
20 to 24 years	9,163	84.0	8,399	7,060	1,338	15.9	1,740	19	1,237	43	441
25 to 54 years	41,074	94.3	40,111	37,091	3,020	7.5	2,639	82	425	587	1,545
25 to 29 years	9,544	93.9	9,160	8,147	1,013	11.1	617	23	263	69	262
30 to 34 years	8,840	96.0	8,575	7,873	703	8.2	364	11	81	61	212
35 to 39 years	7,174	95.5	6,984	6,554	430	6.2	339	9	40	91	239
40 to 44 years	5,731	95.0	5,643	5,270	373	6.6	331	12	17	101	171
45 to 49 years	4,958	92.8	4,933	4,692	237	4.8	388	13	13	115	247
50 to 54 years	4,827	88.9	4,819	4,556	263	5.5	631	15	11	161	413
55 to 64 years	7,209	70.5	7,208	6,797	411	5.7	2,996	59	7	475	2,455
55 to 59 years	4,447	82.4	4,446	4,176	270	6.1	952	22	6	228	695
60 to 64 years	2,762	57.3	2,762	2,621	141	5.1	2,045	37	1	247	1,760
65 years and over	1,869	18.1	1,869	1,787	81	4.4	8,461	149	--	952	7,359
65 to 69 years	1,070	27.8	1,070	1,016	54	5.1	2,982	35	--	166	2,693
70 years and over	798	12.4	798	771	27	3.4	5,519	114	--	286	5,219
White											
16 years and over	56,200	77.4	54,573	50,039	4,633	8.5	16,352	259	3,754	1,239	11,201
16 to 21 years	6,860	65.4	6,375	5,160	1,215	19.1	3,634	12	3,037	22	564
16 to 19 years	3,943	57.3	3,740	2,931	809	21.6	2,869	9	2,426	7	427
16 to 17 years	1,539	46.6	1,531	1,179	352	23.0	1,765	9	1,488	2	266
18 to 19 years	2,404	68.5	2,209	1,752	457	20.7	1,104	--	937	5	161
20 to 64 years	50,558	89.9	49,234	45,471	3,763	7.6	5,980	122	1,328	856	3,674
20 to 24 years	7,870	85.3	7,305	6,265	1,040	14.2	1,856	14	1,013	32	297
25 to 54 years	36,137	94.3	35,380	32,985	2,394	6.8	1,969	58	311	431	1,169
25 to 34 years	16,004	95.7	15,509	14,178	1,331	8.6	716	28	257	92	338
35 to 44 years	11,410	96.0	11,179	10,627	552	5.8	477	13	39	128	296
45 to 54 years	8,724	91.8	8,692	8,280	412	4.7	776	17	14	211	534
55 to 64 years	6,551	71.2	6,549	6,221	328	5.0	2,655	50	5	393	2,207
55 to 59 years	4,038	83.1	4,037	3,824	213	5.3	820	19	4	197	603
60 to 64 years	2,513	57.8	2,513	2,397	116	4.6	1,836	32	--	196	1,637
65 years and over	1,699	18.3	1,699	1,638	61	3.6	7,833	128	--	375	7,330
Black and other											
16 years and over	7,560	71.3	7,100	5,884	1,216	17.1	3,390	69	1,063	335	1,623
16 to 21 years	1,000	48.3	853	539	311	36.6	1,371	13	850	14	494
16 to 19 years	502	36.7	447	257	190	42.5	867	10	722	9	127
16 to 17 years	134	20.5	133	76	58	43.2	522	1	489	--	71
18 to 19 years	368	51.5	314	181	133	42.3	345	9	272	9	56
20 to 64 years	6,888	83.5	6,488	5,477	1,005	15.5	1,365	37	341	249	738
20 to 24 years	1,293	77.1	1,094	796	299	27.2	384	5	224	12	144
25 to 54 years	4,936	88.5	4,731	4,106	626	13.2	580	24	114	156	346
25 to 34 years	2,380	90.0	2,226	1,841	385	17.3	265	5	87	38	135
35 to 44 years	1,495	90.2	1,449	1,297	152	10.5	163	8	18	53	84
45 to 54 years	1,061	83.4	1,055	968	88	8.3	212	11	9	65	126
55 to 64 years	659	65.9	653	576	83	12.5	391	8	3	82	299
55 to 59 years	410	75.6	410	352	57	14.0	132	4	2	31	95
60 to 64 years	249	54.4	249	224	25	10.1	239	5	1	51	183
65 years and over	170	16.6	173	150	21	12.1	857	22	--	77	758

HOUSEHOLD DATA

A-3. Employment status of the noninstitutional population by sex, age, and race—Continued

(Numbers in thousands)

Sex, age, and race	April 1982										
	Total labor force		Civilian labor force				Not in labor force				
					Unemployed						
	Number	Percent of population	Total	Employed	Number	Percent of labor force	Total	Keeping house	Going to school	Unable to work	Other reasons
FEMALES											
16 years and over	47,229	52.1	47,041	42,334	4,707	9.7	43,438	31,576	4,639	1,034	6,138
16 to 21 years	6,597	53.4	6,529	5,366	1,163	17.8	5,672	1,264	3,790	14	604
16 to 19 years	3,801	47.7	3,774	2,995	779	20.6	4,164	569	3,128	7	460
16 to 17 years	1,449	37.7	1,449	1,097	352	24.3	2,334	143	1,948	2	301
18 to 19 years	2,351	57.1	2,325	1,899	427	18.3	1,770	426	1,180	5	159
20 to 64 years	42,252	62.3	42,090	38,805	3,285	7.8	25,552	21,176	1,510	484	2,382
20 to 24 years	7,421	68.7	7,333	6,428	902	12.3	3,385	2,059	988	28	310
25 to 54 years	29,923	66.3	29,852	27,726	2,126	7.1	15,395	13,495	503	235	1,161
25 to 29 years	7,001	68.3	6,954	6,302	652	9.4	3,290	2,827	208	19	237
30 to 34 years	6,306	67.3	6,289	5,801	488	7.8	3,136	2,732	145	19	239
35 to 39 years	5,197	67.3	5,193	4,868	325	6.3	2,563	2,251	76	36	199
40 to 44 years	4,313	68.4	4,311	4,031	280	6.5	1,988	1,789	41	34	125
45 to 49 years	3,734	65.3	3,734	3,519	215	5.8	1,930	1,707	15	61	147
50 to 54 years	3,372	57.2	3,371	3,206	166	4.9	2,518	2,190	17	66	245
55 to 64 years	4,908	42.3	4,908	4,650	258	5.2	6,772	5,621	20	221	910
55 to 59 years	3,035	50.3	3,035	2,888	147	4.8	3,032	2,615	11	86	320
60 to 64 years	1,873	33.4	1,873	1,763	110	5.9	3,740	3,006	8	135	590
65 years and over	1,177	7.9	1,177	1,134	43	3.7	13,773	9,932	1	543	3,297
65 to 69 years	703	14.4	703	675	28	3.9	4,192	3,209	3	94	886
70 years and over	474	4.7	474	459	15	3.2	9,581	6,722	--	449	2,411
White											
16 years and over	40,713	52.0	40,579	37,469	3,110	7.7	37,544	28,322	3,513	828	5,181
16 to 21 years	5,855	57.5	5,808	4,894	914	15.7	4,317	999	2,866	11	442
16 to 19 years	3,433	52.2	3,415	2,773	641	18.8	3,145	439	2,365	8	333
16 to 17 years	1,342	42.4	1,342	1,026	316	23.5	1,823	113	1,468	2	240
18 to 19 years	2,091	61.3	2,073	1,747	325	15.7	1,322	326	897	5	93
20 to 64 years	36,217	62.3	36,101	33,670	2,432	6.7	21,928	18,465	1,147	381	1,936
20 to 24 years	6,410	70.3	6,347	5,730	616	10.2	2,629	1,550	743	18	317
25 to 54 years	25,453	65.7	25,402	23,838	1,566	6.2	13,260	11,742	385	188	945
25 to 34 years	11,225	67.4	11,179	10,384	795	7.1	5,424	4,787	271	30	336
35 to 44 years	8,080	67.1	8,075	7,614	462	5.7	3,956	3,535	88	59	273
45 to 54 years	6,149	61.3	6,148	5,839	309	5.0	3,879	3,420	26	98	335
55 to 64 years	4,352	41.9	4,352	4,133	219	5.0	6,040	5,372	18	175	775
55 to 59 years	2,691	50.1	2,691	2,564	126	4.7	2,675	2,339	10	64	261
60 to 64 years	1,662	33.1	1,662	1,568	93	5.6	3,365	2,733	8	111	513
65 years and over	1,063	7.9	1,063	1,026	37	3.5	12,471	9,118	1	440	2,912
Black and other											
16 years and over	6,516	52.3	6,462	5,465	997	15.4	5,944	3,655	1,126	206	957
16 to 21 years	743	35.4	722	472	249	34.6	1,355	265	924	3	162
16 to 19 years	367	26.5	359	222	138	38.3	1,019	130	763	--	126
16 to 17 years	107	15.8	107	71	36	34.0	570	29	480	--	61
18 to 19 years	260	36.7	252	151	101	40.1	448	100	283	--	65
20 to 64 years	6,035	62.5	5,988	5,135	854	14.3	3,624	2,712	363	103	446
20 to 24 years	1,011	57.2	983	727	256	25.0	756	409	244	10	93
25 to 54 years	4,469	67.7	4,450	3,890	560	12.6	2,136	1,754	118	48	216
25 to 34 years	2,082	68.2	2,064	1,719	345	16.7	972	772	82	9	111
35 to 44 years	1,430	70.5	1,429	1,285	143	10.0	595	505	29	11	51
45 to 54 years	957	62.7	957	886	71	7.4	569	477	7	29	56
55 to 64 years	556	43.2	556	518	38	6.8	732	549	1	46	136
55 to 59 years	344	49.1	344	323	21	6.1	357	275	1	22	59
60 to 64 years	211	36.1	211	195	17	8.0	375	274	--	24	77
65 years and over	114	8.0	114	108	5	3.8	1,331	813	--	103	387

A-4. Labor force by sex, age, and race

Sex, age, and race	Total labor force				Civilian labor force			
	Thousands of persons		Participation rates		Thousands of persons		Participation rates	
	Apr. 1981	Apr. 1982	Apr. 1981	Apr. 1982	Apr. 1981	Apr. 1982	Apr. 1981	Apr. 1982
MALES								
16 years and over	63,499	63,761	77.2	75.5	61,598	61,773	76.7	76.0
16 to 19 years	4,871	4,446	57.9	54.3	4,591	4,187	56.4	52.8
16 to 17 years	1,877	1,674	45.4	42.3	1,865	1,664	45.2	42.1
18 to 19 years	2,994	2,772	69.9	65.7	2,726	2,522	67.9	63.5
20 to 24 years	9,198	9,163	84.8	84.0	8,455	8,399	83.7	82.8
25 to 54 years	40,285	41,074	94.3	94.0	39,358	40,111	94.2	93.9
25 to 34 years	18,002	18,384	95.0	94.9	17,375	17,735	94.8	94.8
35 to 44 years	12,360	12,905	95.7	95.3	12,092	12,627	95.6	95.2
45 to 54 years	9,924	9,785	91.5	90.8	9,888	9,749	91.5	90.8
55 to 64 years	7,226	7,209	71.3	70.6	7,224	7,208	71.3	70.6
55 to 59 years	4,473	4,447	82.4	82.4	4,472	4,446	82.4	82.4
60 to 64 years	2,753	2,762	58.5	57.5	2,753	2,762	58.5	57.5
65 years and over	1,919	1,869	19.0	18.1	1,919	1,869	19.0	18.1
White								
16 years and over	56,065	56,203	78.1	77.4	54,556	54,673	77.6	76.9
16 to 19 years	4,272	3,943	60.8	57.9	4,057	3,740	59.6	56.6
16 to 17 years	1,666	1,539	48.5	46.6	1,655	1,531	48.3	46.5
18 to 19 years	2,606	2,404	72.7	68.5	2,402	2,209	71.0	66.7
20 to 24 years	7,912	7,870	86.4	85.3	7,363	7,305	85.5	84.3
25 to 54 years	35,540	36,137	95.2	94.8	34,797	35,380	95.1	94.7
25 to 34 years	15,750	16,004	95.9	95.7	15,262	15,509	95.8	95.6
35 to 44 years	10,905	11,413	96.5	96.0	10,681	11,179	96.5	95.9
45 to 54 years	8,885	8,724	92.5	91.8	8,854	8,692	92.4	91.8
55 to 64 years	6,599	6,551	72.2	71.2	6,598	6,549	72.2	71.2
55 to 59 years	4,080	4,039	83.6	83.1	4,079	4,037	83.6	83.1
60 to 64 years	2,519	2,513	59.2	57.8	2,519	2,513	59.2	57.8
65 years and over	1,742	1,699	19.0	18.3	1,742	1,699	19.0	18.3
Black and other								
16 years and over	7,435	7,560	71.2	71.0	6,987	7,100	69.9	69.7
16 to 19 years	599	502	42.9	36.7	534	447	40.1	34.0
16 to 17 years	211	134	30.2	20.5	210	133	30.1	20.3
18 to 19 years	388	368	55.5	51.6	324	314	51.1	47.6
20 to 24 years	1,286	1,293	76.3	77.1	1,092	1,094	73.2	74.0
25 to 54 years	4,746	4,935	88.0	88.5	4,557	4,731	87.6	88.1
25 to 34 years	2,252	2,380	88.8	90.0	2,113	2,226	88.2	89.3
35 to 44 years	1,455	1,495	90.0	90.2	1,411	1,449	89.8	89.9
45 to 54 years	1,039	1,061	83.8	83.4	1,034	1,056	83.7	83.3
55 to 64 years	627	659	62.8	65.9	627	658	62.8	65.9
55 to 59 years	393	413	71.5	75.6	393	410	71.5	75.6
60 to 64 years	234	249	52.1	54.4	234	249	52.1	54.4
65 years and over	177	170	18.2	16.6	177	170	18.2	16.6

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A-4. Labor force by sex, age, and race—Continued

Sex, age, and race	Total labor force				Civilian labor force			
	Thousands of persons		Participation rates		Thousands of persons		Participation rates	
	Apr. 1981	Apr. 1982	Apr. 1981	Apr. 1982	Apr. 1981	Apr. 1982	Apr. 1981	Apr. 1982
FEMALES								
16 years and over	46,536	47,223	52.0	52.1	46,362	47,041	51.9	52.0
16 to 19 years	4,049	3,801	49.4	47.7	4,020	3,774	49.2	47.5
16 to 17 years	1,625	1,449	40.5	37.7	1,624	1,449	40.5	37.7
18 to 19 years	2,425	2,351	58.0	57.1	2,396	2,325	57.7	56.8
20 to 24 years	7,384	7,421	68.5	68.7	7,330	7,330	68.3	68.4
25 to 54 years	29,040	29,923	65.4	66.0	28,979	29,852	65.4	66.0
25 to 34 years	12,918	13,337	66.9	67.5	12,863	13,283	66.8	67.4
35 to 44 years	8,956	9,510	66.7	67.6	8,951	9,504	66.7	67.6
45 to 54 years	7,166	7,106	61.5	61.5	7,165	7,105	61.5	61.5
55 to 64 years	4,856	4,938	41.9	42.0	4,856	4,908	41.9	42.0
55 to 59 years	2,994	3,035	49.1	50.0	2,994	3,035	49.1	50.0
60 to 64 years	1,862	1,873	33.9	33.4	1,862	1,873	33.9	33.4
65 years and over	1,206	1,177	8.3	7.9	1,206	1,177	8.3	7.9
White								
16 years and over	40,035	40,713	51.7	52.0	39,909	40,579	51.7	51.9
16 to 19 years	3,610	3,433	52.9	52.2	3,589	3,415	52.7	52.1
16 to 17 years	1,478	1,342	44.2	42.8	1,477	1,342	44.1	42.8
18 to 19 years	2,132	2,091	61.2	61.3	2,112	2,073	61.0	61.1
20 to 24 years	6,337	6,410	70.3	70.9	6,276	6,347	70.1	70.7
25 to 54 years	24,698	25,453	65.0	65.7	24,652	25,402	65.0	65.7
25 to 34 years	10,874	11,225	66.5	67.4	10,833	11,179	66.4	67.3
35 to 44 years	7,629	8,093	66.3	67.1	7,625	8,075	66.3	67.1
45 to 54 years	6,195	6,149	61.1	61.3	6,194	6,148	61.1	61.3
55 to 64 years	4,310	4,352	41.7	41.9	4,310	4,352	41.7	41.9
55 to 59 years	2,663	2,691	49.2	50.1	2,663	2,691	49.2	50.1
60 to 64 years	1,647	1,662	33.5	33.1	1,647	1,662	33.5	33.1
65 years and over	1,082	1,063	8.2	7.9	1,082	1,063	8.2	7.9
Black and other								
16 years and over	6,500	6,515	53.5	52.3	6,452	6,462	53.3	52.1
16 to 19 years	440	367	32.2	26.5	431	359	31.8	26.1
16 to 17 years	147	107	22.1	15.8	147	107	22.1	15.8
18 to 19 years	293	260	41.8	36.7	284	252	41.1	36.0
20 to 24 years	1,047	1,011	59.1	57.2	1,024	983	58.6	56.5
25 to 54 years	4,343	4,469	68.0	67.7	4,327	4,450	68.0	67.6
25 to 34 years	2,045	2,082	69.2	68.2	2,030	2,064	69.0	68.0
35 to 44 years	1,327	1,433	69.3	70.6	1,326	1,429	69.3	70.6
45 to 54 years	971	957	64.2	62.7	971	957	64.2	62.7
55 to 64 years	546	555	43.6	43.2	546	556	43.6	43.2
55 to 59 years	331	344	48.5	49.1	331	344	48.5	49.1
60 to 64 years	215	211	37.7	36.1	215	211	37.7	36.1
65 years and over	124	114	9.3	9.0	124	114	9.0	8.0

A-5. Employment status of black workers by sex and age

[Numbers in thousands]

Sex and age	April 1982						
	Civilian labor force						Not in labor force
	Total	Employed			Unemployed		
		Total	Agriculture	Nonagricultural industries	Number	Percent of labor force	
TOTAL							
16 years and over	10,986	9,331	203	8,828	1,955	17.8	7,524
16 to 19 years	656	351	11	343	335	46.5	1,603
16 to 17 years	190	101	2	99	88	46.6	937
18 to 19 years	466	249	9	241	216	46.5	666
20 to 24 years	1,721	1,224	18	1,206	497	28.9	967
25 to 54 years	7,355	6,330	125	6,206	1,025	13.9	2,174
25 to 34 years	3,476	2,833	50	2,783	643	18.5	930
35 to 44 years	2,279	2,033	36	1,997	246	10.8	581
45 to 54 years	1,600	1,464	38	1,426	136	8.5	663
55 to 64 years	1,018	908	28	880	109	10.8	912
55 to 59 years	625	556	16	539	69	11.1	414
60 to 64 years	393	353	12	341	40	10.2	498
65 years and over	237	218	21	197	19	8.1	1,869
Males							
16 years and over	5,677	4,606	182	4,424	1,071	18.9	2,572
16 to 19 years	367	189	11	177	178	48.5	733
16 to 17 years	104	49	2	47	54	51.9	456
18 to 19 years	263	139	9	130	123	46.8	277
20 to 24 years	902	637	16	621	265	29.4	316
25 to 54 years	3,728	3,191	110	3,082	537	14.4	514
25 to 34 years	1,770	1,437	46	1,391	333	18.8	198
35 to 44 years	1,139	1,013	31	982	126	11.1	131
45 to 54 years	818	740	32	709	78	9.5	185
55 to 64 years	547	471	24	447	75	13.7	300
55 to 59 years	341	293	16	277	51	15.0	116
60 to 64 years	205	181	8	174	24	11.7	184
65 years and over	134	119	21	98	16	11.9	719
Females							
16 years and over	5,309	4,725	21	4,704	884	16.6	4,952
16 to 19 years	289	162	--	163	127	44.0	870
16 to 17 years	86	52	--	52	34	39.8	481
18 to 19 years	203	110	--	111	93	45.8	389
20 to 24 years	819	587	2	585	232	28.3	651
25 to 54 years	3,627	3,139	15	3,124	488	13.5	1,660
25 to 34 years	1,706	1,396	4	1,392	310	18.2	732
35 to 44 years	1,140	1,020	5	1,015	120	10.5	450
45 to 54 years	782	724	6	719	58	7.4	478
55 to 64 years	471	437	4	433	34	7.2	612
55 to 59 years	284	265	--	266	18	6.4	298
60 to 64 years	188	172	4	167	16	8.4	314
65 years and over	103	99	--	99	3	3.2	1,159

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A-6. Employment status of the noninstitutional population by race, sex, and age

(Numbers in thousands)

Employment status and race	Total		Males, 20 years and over		Females, 20 years and over		Both sexes, 16-19 years	
	Apr. 1981	Apr. 1982	Apr. 1981	Apr. 1982	Apr. 1981	Apr. 1982	Apr. 1981	Apr. 1982
TOTAL								
Total noninstitutional population	171,770	174,323	73,817	75,121	81,333	82,753	16,615	16,449
Total labor force	110,035	110,990	58,628	59,115	42,986	43,429	8,921	8,446
Percent of population	64.1	63.9	79.4	79.3	52.2	52.5	53.7	51.3
Civilian labor force	107,906	108,814	56,953	57,585	42,341	43,267	8,611	7,962
Employed	100,345	98,858	53,551	52,736	39,748	39,939	7,046	6,183
Agriculture	3,313	3,172	2,366	2,332	559	551	388	289
Nonagricultural industries	97,032	95,686	51,185	50,404	39,189	39,388	6,657	5,894
Unemployed	7,561	9,957	3,403	4,851	2,593	3,328	1,565	1,779
Percent of labor force	7.0	9.2	6.0	8.4	6.1	7.7	18.2	22.3
Not in labor force	61,735	63,330	15,189	15,808	38,952	39,325	7,694	7,983
White								
Total noninstitutional population	149,178	150,913	64,768	65,833	70,554	71,679	13,851	13,401
Total labor force	95,100	96,913	51,792	52,257	36,426	37,280	7,882	7,376
Percent of population	64.4	64.2	80.0	79.4	51.6	52.0	56.9	55.0
Civilian labor force	94,466	95,252	50,500	50,933	35,823	37,164	7,646	7,155
Employed	88,615	87,509	47,794	47,109	34,414	34,596	6,407	5,804
Agriculture	3,004	2,913	2,133	2,115	514	519	357	279
Nonagricultural industries	85,611	84,598	45,661	44,992	33,900	34,077	6,049	5,525
Unemployed	5,851	7,743	2,705	3,824	1,408	2,569	1,239	1,351
Percent of labor force	6.2	8.1	5.4	7.5	3.9	6.9	16.2	18.9
Not in labor force	53,974	53,997	12,976	13,583	34,128	34,399	5,969	6,025
Black and other								
Total noninstitutional population	22,597	23,410	9,049	9,287	10,784	11,074	2,764	2,747
Total labor force	13,935	14,077	6,835	7,059	6,063	6,149	1,039	1,070
Percent of population	61.7	60.9	75.5	76.1	56.2	55.5	37.6	39.0
Civilian labor force	13,443	13,562	6,454	6,652	5,921	6,102	965	807
Employed	11,730	11,349	5,756	5,627	5,334	5,343	639	379
Agriculture	309	261	232	215	45	32	31	10
Nonagricultural industries	11,421	11,087	5,524	5,411	5,289	5,311	608	369
Unemployed	1,710	2,213	697	1,026	587	759	326	428
Percent of labor force	12.7	16.3	10.8	15.4	11.4	14.1	33.8	53.0
Not in labor force	9,662	9,033	2,213	2,222	4,720	4,925	1,725	1,677

A-7. Employment status of the noninstitutional population 16 to 21 years of age by major activity, sex, and race

(Numbers in thousands)

Employment status and major activity	April 1982								
	Total			White			Black and other		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
TOTAL									
Total noninstitutional population	24,838	12,565	12,269	20,666	10,494	10,172	4,168	2,070	2,097
Total labor force	14,457	7,859	6,597	12,715	6,860	5,855	1,742	1,000	743
Percent of population	58.2	62.6	53.8	61.5	65.4	57.5	41.8	48.3	35.4
Civilian labor force	13,755	7,225	6,529	12,133	6,375	5,808	1,572	850	722
Employed	11,066	5,699	5,366	10,034	5,160	4,894	1,012	539	472
Agriculture	448	374	74	422	349	73	26	25	1
Nonagricultural industries	10,618	5,326	5,292	9,632	4,811	4,820	986	514	472
Unemployed	2,689	1,526	1,163	2,129	1,215	914	560	311	249
Looking for full-time work	1,729	1,020	709	1,330	799	531	399	221	178
Looking for part-time work	961	506	454	799	416	382	162	90	72
Percent of labor force	19.6	21.1	17.8	17.5	19.1	15.7	35.6	36.6	34.6
Not in labor force	10,377	4,705	5,672	7,951	3,634	4,317	2,426	1,071	1,355
Major activity: going to school									
Civilian labor force	4,125	2,093	2,036	3,732	1,875	1,827	424	215	209
Employed	3,175	1,567	1,609	2,936	1,457	1,479	239	110	129
Agriculture	141	119	22	137	116	22	3	3	--
Nonagricultural industries	3,035	1,448	1,587	2,799	1,341	1,458	236	107	129
Unemployed	951	523	427	756	418	348	185	105	80
Looking for full-time work	188	107	81	131	72	59	57	35	22
Looking for part-time work	763	416	346	635	346	289	127	70	57
Percent of labor force	23.0	25.0	21.0	20.7	22.3	19.0	43.5	48.8	38.1
Not in labor force	7,677	3,887	3,790	5,932	3,037	2,866	1,774	853	924
Major activity: other									
Civilian labor force	9,629	5,135	4,493	8,480	4,500	3,980	1,148	635	513
Employed	7,890	4,132	3,758	7,118	3,703	3,415	772	429	343
Agriculture	307	255	52	285	233	52	22	22	1
Nonagricultural industries	7,583	3,878	3,705	6,833	3,470	3,363	750	408	343
Unemployed	1,738	1,003	736	1,353	797	566	376	206	170
Looking for full-time work	1,540	913	627	1,139	727	412	341	186	155
Looking for part-time work	198	90	108	153	70	84	35	20	15
Percent of labor force	18.1	19.5	16.4	15.1	17.7	14.2	32.7	32.4	33.1
Not in labor force	2,730	818	1,882	2,049	598	1,452	651	220	431

A-8. Full- and part-time status of the civilian labor force by sex, age, and race

(Numbers in thousands)

Sex, age, and race	April 1982								
	Full-time labor force					Part-time labor force			
	Total	Employed		Unemployed (looking for full-time work)		Total	Employed on voluntary part time[1]	Unemployed (looking for part-time work)	
		Full-time schedules[1]	Part time for economic reasons	Number	Percent of full-time labor force			Number	Percent of part-time labor force
TOTAL									
Both sexes, 16 years and over	92,121	78,203	5,563	8,359	9.1	16,693	15,095	1,599	9.6
16 to 21 years	8,002	5,255	1,318	1,729	21.6	5,753	4,792	961	16.7
16 to 19 years	3,476	1,983	546	947	27.2	4,485	3,653	831	18.5
16 to 17 years	556	258	117	181	32.6	2,558	1,977	580	22.7
18 to 19 years	2,920	1,725	430	765	26.2	1,927	1,676	251	13.0
20 years and over	88,645	76,217	5,016	7,412	8.4	12,238	11,441	767	6.3
20 to 24 years	13,260	11,139	1,095	2,026	15.3	2,469	2,254	214	8.7
25 years and over	75,385	66,078	3,922	5,385	7.1	9,739	9,187	552	5.7
25 to 54 years	63,288	55,257	3,276	4,755	7.5	6,676	6,285	393	5.8
55 years and over	12,098	10,821	645	631	5.2	3,063	2,902	162	5.3
Males, 16 years and over	56,362	48,432	2,783	5,147	9.1	5,812	4,708	703	13.0
16 to 21 years	4,496	2,957	520	1,020	22.7	2,729	2,223	506	18.6
16 to 19 years	1,966	1,132	276	559	28.4	2,223	1,780	441	19.8
20 years and over	54,395	47,301	2,507	4,588	8.4	3,191	2,928	263	8.2
20 to 24 years	7,428	5,584	601	1,243	16.7	970	875	95	9.8
25 years and over	46,967	41,717	1,935	3,344	7.1	2,222	2,053	168	7.6
25 to 54 years	39,171	34,641	1,593	2,937	7.5	941	858	83	8.8
55 years and over	7,796	7,076	312	408	5.2	1,281	1,195	86	6.6
Females, 16 years and over	35,760	29,763	2,780	3,212	9.3	11,481	10,386	895	7.9
16 to 21 years	3,505	2,299	798	709	20.2	3,024	2,570	454	15.0
16 to 19 years	1,510	851	270	388	25.7	2,264	1,874	391	17.3
20 years and over	34,250	28,917	2,510	2,824	8.2	9,017	8,513	504	5.6
20 to 24 years	5,831	4,555	493	783	13.4	1,498	1,379	120	8.0
25 years and over	28,418	24,361	2,016	2,041	7.2	7,519	7,134	384	5.1
25 to 54 years	24,116	20,615	1,683	1,818	7.5	5,736	5,428	307	5.4
55 years and over	4,302	3,745	333	223	5.2	1,783	1,706	77	4.3
White									
Males, 16 years and over	49,846	43,423	2,354	4,069	8.2	4,827	4,262	566	11.7
16 to 21 years	3,896	2,662	835	799	20.5	2,479	2,063	416	16.8
16 to 19 years	1,709	1,032	231	441	25.9	2,036	1,668	368	18.1
20 years and over	45,942	40,762	2,124	3,427	7.5	2,791	2,593	198	7.1
20 to 24 years	6,463	4,992	592	970	15.3	862	771	91	8.4
25 years and over	41,678	37,399	1,622	2,657	6.4	1,948	1,822	127	6.5
25 to 54 years	34,577	30,901	1,350	2,326	6.7	832	734	68	8.5
55 years and over	7,101	6,498	273	330	4.6	1,146	1,088	59	5.1
Females, 16 years and over	30,230	25,530	2,331	2,370	7.8	13,349	9,609	740	7.1
16 to 21 years	3,042	2,071	440	531	17.5	2,766	2,383	382	13.8
16 to 19 years	1,339	793	249	300	22.4	2,076	1,735	341	16.4
20 years and over	26,891	23,743	2,092	2,070	7.2	8,273	7,974	299	4.8
20 to 24 years	5,005	4,028	417	561	11.2	1,342	1,256	85	6.4
25 years and over	23,887	23,712	1,665	1,509	6.3	6,932	6,619	313	4.5
25 to 54 years	20,078	17,376	1,385	1,317	6.6	5,325	5,077	248	4.7
55 years and over	3,809	3,336	281	192	5.0	1,637	1,542	65	4.0
Black and other									
Males, 16 years and over	6,516	5,009	428	1,079	16.6	584	447	138	23.6
16 to 21 years	600	295	85	221	36.9	253	160	90	36.0
16 to 19 years	263	103	45	117	44.7	184	112	73	39.5
20 years and over	6,253	4,909	383	961	15.4	400	335	65	16.3
20 to 24 years	966	592	130	274	28.4	128	104	24	18.9
25 years and over	5,288	4,317	253	688	13.0	271	231	41	15.1
25 to 54 years	4,593	3,740	200	611	13.3	137	123	15	10.9
55 years and over	695	577	39	77	11.1	134	108	26	19.4
Females, 16 years and over	5,530	4,238	489	802	15.2	932	777	155	16.6
16 to 21 years	463	228	58	178	39.3	258	186	72	27.8
16 to 19 years	171	62	22	88	51.4	188	139	50	26.4
20 years and over	5,359	4,177	428	754	14.1	744	638	105	14.2
20 to 24 years	827	528	77	222	26.8	157	123	34	21.8
25 years and over	4,532	3,649	351	532	11.7	587	516	71	12.1
25 to 54 years	4,039	3,240	298	501	12.4	411	352	59	14.4
55 years and over	494	409	53	31	6.3	176	164	12	6.8

[1] Employed persons with a job but not at work are distributed proportionately among the full- and part-time employed categories.

A-9. Employment status of the noninstitutional population by family relationship

[Numbers in thousands]

Family relationship	April 1982									
	Civilian labor force					Not in labor force				
	Total	Percent of population	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
				Number	Percent of labor force					
Total, 16 years and over	108,814	63.3	98,858	9,957	9.2	63,030	32,004	9,456	2,608	18,962
Husbands	39,546	80.0	37,137	2,409	6.1	9,885	89	220	936	8,641
With employed wife	21,681	91.6	20,522	1,159	5.3	1,977	44	139	321	1,473
With unemployed wife	1,630	93.3	1,329	301	18.5	117	–	5	27	85
With wife not in labor force	16,235	67.6	15,286	949	5.8	7,791	45	76	588	7,083
Wives	25,405	51.4	23,658	1,747	6.9	24,026	21,291	359	284	2,091
With employed husband	21,851	58.8	20,522	1,329	6.1	15,286	14,100	284	94	808
With unemployed husband	1,460	60.6	1,159	301	20.6	949	873	32	9	35
With husband not in labor force	2,094	21.2	1,977	117	5.6	7,791	6,319	43	181	1,248
Relatives in married-couple families	13,024	59.2	10,797	2,227	17.1	8,971	957	5,997	268	1,749
16 to 19 years	5,355	50.1	4,244	1,111	20.7	5,338	175	4,497	13	652
20 to 24 years	4,938	72.3	4,224	714	14.5	1,888	179	1,373	32	303
25 years and over	2,731	61.0	2,329	402	14.7	1,745	602	127	223	794
Females who maintain families	5,751	60.1	5,120	631	11.0	3,824	2,928	144	130	622
Relatives in families maintained by females	4,666	55.2	3,572	1,094	23.4	3,787	784	1,705	232	1,065
16 to 19 years	1,369	44.2	958	412	30.1	1,731	97	1,361	10	263
20 to 24 years	1,502	70.0	1,111	391	26.0	643	132	297	25	189
25 years and over	1,795	56.0	1,503	291	16.2	1,413	555	47	197	613
Males who maintain families	1,923	76.4	1,736	187	9.7	594	35	48	70	440
Relatives in families maintained by males	1,520	58.8	1,296	224	14.7	1,064	440	284	58	283
16 to 19 years	309	53.1	240	70	22.5	273	25	197	–	50
20 to 24 years	436	75.9	365	71	16.2	138	37	74	–	27
25 years and over	775	34.3	691	83	10.7	653	378	13	58	206
Persons living alone	10,321	53.8	9,818	703	6.7	9,025	4,841	257	518	3,410
Males	5,472	71.6	5,013	460	8.4	2,189	114	166	207	1,683
Females	5,049	42.4	4,805	244	4.8	6,836	4,727	91	312	1,727
All others[1]	6,458	77.2	5,724	735	11.4	1,854	639	442	112	661

[1] The majority of these persons are living with nonrelatives. Also included are persons in married-couple families where the husband is in the Armed Forces, persons in secondary families, and some whose family status is unknown.

A-10. Unemployed persons by marital status, race, age, and sex

Marital status, race, and age	Males				Females			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	Apr. 1981	Apr. 1982	Apr. 1981	Apr. 1982	Apr. 1981	Apr. 1982	Apr. 1981	Apr. 1982
Total, 16 years and over	4,253	5,850	6.9	9.5	3,298	4,107	7.1	8.7
Married, spouse present	1,611	2,542	4.3	6.3	1,372	1,840	5.4	7.1
Widowed, divorced, or separated	487	654	9.3	11.9	647	814	7.1	8.8
Single (never married)	2,165	2,654	14.3	15.9	1,279	1,453	10.9	12.1
White, 16 years and over	3,374	4,633	6.2	8.5	2,477	3,110	6.2	7.7
Married, spouse present	1,354	2,136	3.7	5.8	1,138	1,515	5.0	6.6
Widowed, divorced, or separated	381	475	8.5	10.4	443	575	6.0	7.7
Single (never married)	1,638	2,023	12.4	15.1	898	1,020	9.1	10.1
Black and other, 16 years and over	889	1,216	12.7	17.1	821	997	12.7	15.4
Married, spouse present	256	406	6.8	10.5	234	325	8.6	11.7
Widowed, divorced, or separated	106	179	11.3	19.7	206	239	11.3	13.8
Single (never married)	527	631	23.3	27.8	381	433	20.0	22.2
Total, 20 to 64 years of age	3,348	4,770	6.1	8.6	2,542	3,285	6.2	7.8
Married, spouse present	1,555	2,469	4.3	6.3	1,295	1,743	5.2	7.0
Widowed, divorced, or separated	475	619	9.3	11.9	610	782	7.3	9.1
Single (never married)	1,317	1,690	12.3	14.5	637	760	8.3	8.9
White, 20 to 64 years of age	2,668	3,763	5.5	7.6	1,861	2,432	5.3	6.7
Married, spouse present	1,314	2,072	3.7	5.9	1,076	1,436	4.9	6.4
Widowed, divorced, or separated	372	451	8.9	10.4	439	546	6.2	7.9
Single (never married)	982	1,242	10.5	12.7	376	451	5.8	6.5
Black and other, 20 to 64 years of age	680	1,005	10.8	15.5	681	854	11.5	14.3
Married, spouse present	241	389	6.5	10.4	219	311	8.2	11.4
Widowed, divorced, or separated	103	168	11.2	19.5	201	236	11.6	14.2
Single (never married)	336	448	19.5	24.5	261	308	17.4	19.2

HOUSEHOLD DATA

A-11. Unemployed persons by occupation and sex

Occupation	Thousands of persons		Unemployment rates					
			Total		Males		Females	
	Apr. 1981	Apr. 1982	Apr. 1981	Apr. 1982	Apr. 1981	Apr. 1982	Apr. 1981	Apr. 1982
Total, 16 years and over	7,561	9,957	7.0	9.2	6.9	9.5	7.1	8.7
White-collar workers	1,963	2,478	3.6	4.4	2.6	3.5	4.8	5.2
Professional and technical	434	474	2.5	2.7	2.3	2.3	3.0	3.2
Managers and administrators, except farm	271	368	2.3	3.2	1.8	2.9	3.8	3.7
Sales workers	256	369	3.9	5.3	3.0	4.8	5.0	5.9
Clerical workers	1,033	1,267	5.1	6.5	4.9	6.7	5.1	6.4
Blue-collar workers	3,423	4,746	9.9	13.9	9.3	13.3	12.5	16.2
Craft and kindred workers	973	1,371	7.1	9.9	7.2	9.9	4.9	9.8
Carpenters and other construction craft workers	516	653	12.3	15.4	12.4	15.3	9.3	(1)
All other	457	718	4.8	7.5	4.8	7.4	4.5	9.0
Operatives, except transport	1,382	1,939	11.5	15.9	9.7	16.2	14.4	18.0
Transport equipment operatives	329	434	8.7	11.4	9.0	11.9	5.1	6.3
Nonfarm laborers	739	1,002	14.1	19.3	14.3	19.6	11.9	17.2
Construction laborers	244	321	24.1	33.5	23.2	33.6	(1)	(1)
All other	495	681	11.7	15.1	12.0	16.0	10.0	16.6
Service workers	1,174	1,588	8.3	11.4	8.7	11.4	7.5	9.8
Private household	63	58	5.9	5.6	(1)	(1)	6.2	5.8
All other	1,111	1,530	8.1	10.8	8.8	11.5	7.7	10.3
Farm workers	113	160	4.3	5.0	3.7	5.5	5.6	8.4
No previous work experience	887	985	--	--	--	--	--	--
16 to 19 years	638	740	--	--	--	--	--	--
20 to 24 years	123	172	--	--	--	--	--	--
25 years and over	77	74	--	--	--	--	--	--

[1] Percent not shown where base is less than 75,000.

A-12. Unemployed persons by industry and sex

Industry	Percent distribution		Unemployment rates					
			Total		Males		Females	
	Apr. 1981	Apr. 1982	Apr. 1981	Apr. 1982	Apr. 1981	Apr. 1982	Apr. 1981	Apr. 1982
Total, 16 years and over	100.0	100.0	7.0	9.2	6.9	9.5	7.1	8.7
Nonagricultural private wage and salary workers	75.4	78.5	7.2	9.8	7.2	10.3	7.2	9.0
Mining	.8	1.3	5.4	11.2	6.1	11.8	1.6	7.6
Construction	10.9	11.1	16.1	21.5	16.6	22.4	11.5	12.1
Manufacturing	23.4	25.6	7.7	11.3	6.2	10.2	10.6	13.6
Durable goods	13.7	15.8	7.5	11.8	6.6	11.2	10.1	13.4
Lumber and wood products	1.2	1.1	13.5	17.0	13.2	17.9	15.1	12.2
Furniture and fixtures	.6	.8	6.0	16.0	4.7	15.0	8.9	18.3
Stone, clay, and glass products	.9	.7	8.5	11.3	8.2	9.9	10.0	15.9
Primary metal industries	1.2	1.8	7.2	15.4	6.7	15.1	11.1	17.2
Fabricated metal products	1.7	2.3	8.3	15.5	6.8	14.5	11.8	18.8
Machinery, except electrical equipment	2.0	2.5	5.1	8.6	4.7	8.6	6.5	8.8
Electrical equipment	2.4	1.9	7.2	7.8	4.5	6.4	10.7	9.8
Transportation equipment	2.8	3.1	9.5	14.3	8.7	13.3	13.5	19.2
Automobiles	2.1	2.1	13.2	19.8	11.4	18.1	22.7	29.0
Other transportation equipment	.7	1.0	5.2	9.0	5.9	8.5	3.9	10.6
Instruments and related products	.4	.4	5.4	7.4	3.3	4.6	8.5	12.0
Other durable goods industries	.8	1.0	7.3	13.3	6.4	10.2	9.9	17.7
Nondurable goods	9.6	9.8	7.9	10.7	5.6	8.3	11.0	13.8
Food and kindred products	2.5	2.2	9.7	11.5	6.4	8.5	16.9	18.7
Textile mill products	1.2	1.0	10.4	12.4	11.6	11.4	9.4	13.1
Apparel and other textile products	1.8	2.5	9.3	18.1	5.3	17.2	11.1	18.3
Paper and allied products	.5	.4	5.3	6.2	3.3	5.4	11.0	8.7
Printing and publishing	1.2	1.0	5.5	6.2	4.3	6.9	7.3	5.1
Chemicals and allied products	.9	1.0	4.3	7.6	3.4	6.4	8.5	10.8
Rubber and plastics products	.9	.9	9.1	12.1	7.9	8.3	11.2	17.5
Other nondurable goods industries	.7	.7	9.2	10.7	6.3	9.7	12.8	12.3
Transportation and public utilities	3.9	3.9	5.2	6.6	5.4	7.0	4.6	5.6
Railroads and railway express	.4	.7	5.9	13.3	6.1	13.5	(1)	(1)
Other transportation	2.6	2.4	7.2	8.9	7.3	9.6	7.1	6.4
Communication and other public utilities	.9	.8	2.9	3.0	2.7	2.0	3.2	4.9
Wholesale and retail trade	18.8	19.5	7.2	9.7	6.7	9.2	7.8	10.2
Finance, insurance, and real estate	2.3	2.2	3.1	3.7	2.6	3.4	3.3	3.9
Service industries	15.3	14.9	6.2	7.5	6.8	8.3	5.9	7.0
Professional services	6.0	5.4	4.1	4.7	3.5	3.7	4.4	5.1
All other service industries	9.3	9.5	9.2	11.5	9.8	12.2	8.6	10.7
Agricultural wage and salary workers	2.0	2.3	9.5	14.7	9.4	14.3	9.7	16.1
All other classes of workers	10.8	9.3	3.1	3.5	3.0	3.5	3.3	3.6
No previous work experience	11.7	9.9	--	--	--	--	--	--

[1] Percent not shown where base is less than 75,000.

A-13. Unemployed persons by reason for unemployment, sex, age, and race

Reason for unemployment	Total unemployed		Males, 20 years and over		Females, 20 years and over		Both sexes, 16 to 19 years		White		Black and other	
	Apr. 1981	Apr. 1982	Apr. 1981	Apr. 1982	Apr. 1981	Apr. 1982	Apr. 1981	Apr. 1982	Apr. 1981	Apr. 1982	Apr. 1981	Apr. 1982
NUMBER OF UNEMPLOYED												
Total unemployed, in thousands	7,561	9,957	3,403	4,851	2,593	3,329	1,565	1,778	5,851	7,743	1,710	2,213
Job losers	4,026	6,000	2,429	3,788	1,244	1,759	353	453	3,199	4,735	827	1,264
On layoff	1,304	1,960	816	1,237	412	629	75	95	1,125	1,685	178	275
Other job losers	2,722	4,040	1,613	2,551	832	1,130	277	358	2,074	3,050	649	989
Job leavers	806	838	349	320	348	393	108	125	642	700	163	138
Reentrants	1,843	2,138	537	657	889	1,017	417	465	1,377	1,556	466	582
New entrants	886	980	88	85	111	160	687	735	632	752	254	229
PERCENT DISTRIBUTION												
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers	53.2	60.3	71.4	78.1	48.0	52.9	22.5	25.5	54.6	61.2	48.3	57.1
On layoff	17.2	19.7	24.0	25.5	15.9	18.9	4.8	5.3	19.2	21.8	10.4	12.4
Other job losers	36.0	40.6	47.4	52.6	32.1	34.0	17.7	20.2	35.4	39.4	37.9	44.7
Job leavers	10.7	8.4	10.3	6.6	13.4	11.8	6.9	7.0	11.0	9.0	9.6	6.2
Reentrants	24.4	21.5	15.8	13.5	34.3	30.5	26.7	26.1	23.5	20.1	27.3	26.3
New entrants	11.7	9.8	2.6	1.8	4.3	4.8	43.9	41.4	10.8	9.7	14.8	10.3
UNEMPLOYMENT RATE												
Total unemployment rate	7.0	9.2	6.0	8.4	6.1	7.7	18.2	22.3	6.2	8.1	12.7	16.3
Job loser rate[1]	3.7	5.5	4.2	6.5	3.0	4.1	4.1	5.7	3.4	5.0	6.1	9.3
Job leaver rate[1]	.7	.8	.5	.6	.9	.9	1.3	1.6	.7	.7	1.2	1.0
Reentrant rate[1]	1.7	2.0	.9	1.1	2.1	2.3	4.8	5.8	1.5	1.6	3.5	4.3
New entrant rate[1]	.8	.9	.2	.1	.3	.4	8.0	9.2	.7	.8	1.9	1.7

[1] Unemployment rates are calculated as a percent of the civilian labor force.

A-14. Unemployed persons by reason for unemployment, sex, age, and duration of unemployment

(Percent distribution)

Reason, sex, and age	April 1982						
	Total unemployed		Duration of unemployment				
					15 weeks and over		
	Thousands of persons	Percent	Less than 5 weeks	5 to 14 weeks	Total	15 to 26 weeks	27 weeks and over
Total, 16 years and over	9,957	100.0	33.8	29.6	36.6	20.0	16.5
Job losers	6,000	100.0	27.9	29.4	43.2	24.5	18.7
On layoff	1,960	100.0	39.2	29.2	31.7	20.0	10.7
Other job losers	4,040	100.0	21.7	31.0	47.3	24.8	22.5
Job leavers	838	100.0	42.7	28.2	29.1	15.1	14.0
Reentrants	2,138	100.0	43.4	28.0	28.6	14.4	14.2
New entrants	980	100.0	54.3	25.7	20.0	9.2	10.8
Males, 20 years and over	4,851	100.0	26.8	28.3	44.9	24.4	20.4
Job losers	3,788	100.0	24.6	28.7	46.8	26.5	20.3
On layoff	1,237	100.0	37.1	25.0	37.9	26.3	11.6
Other job losers	2,551	100.0	18.5	33.5	51.1	26.5	24.5
Job leavers	320	100.0	33.6	28.4	38.0	16.6	21.4
Reentrants	657	100.0	35.5	27.8	36.6	15.8	20.8
New entrants	85	100.0	33.2	17.4	49.4	31.1	18.3
Females, 20 years and over	3,329	100.0	39.4	28.8	31.7	17.4	14.4
Job losers	1,759	100.0	30.7	30.5	38.8	21.2	17.6
On layoff	629	100.0	40.5	29.1	30.4	20.6	9.8
Other job losers	1,130	100.0	25.2	31.3	43.5	21.5	22.0
Job leavers	393	100.0	50.9	25.4	23.8	13.8	9.9
Reentrants	1,017	100.0	48.3	27.6	24.1	13.2	10.9
New entrants	160	100.0	50.7	27.5	21.8	10.9	10.9
Both sexes, 16 to 19 years	1,778	100.0	47.9	29.1	23.0	13.0	10.0
Job losers	453	100.0	38.5	31.3	30.2	21.4	8.8
On layoff	95	100.0	57.7	21.8	20.5	16.6	3.9
Other job losers	358	100.0	33.4	33.9	32.8	22.6	10.1
Job leavers	125	100.0	40.0	37.0	22.9	15.3	7.6
Reentrants	465	100.0	43.9	29.2	27.3	14.9	12.1
New entrants	735	100.0	57.6	25.3	16.2	6.3	9.9

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A-15. Unemployed jobseekers by sex, age, race, and jobsearch methods used

Sex, age, and race	April 1982								
	Thousands of persons		Methods used as a percent of total jobseekers						Average number of methods used
	Total unemployed	Total jobseekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives	Other	
Total, 16 years and over	9,957	7,894	24.8	5.1	77.3	35.3	17.3	5.3	1.65
16 to 19 years	1,778	1,556	18.2	2.5	83.6	27.9	13.5	3.6	1.45
20 to 24 years	2,240	1,833	27.1	4.7	78.9	38.6	18.3	4.4	1.68
25 to 34 years	2,856	2,135	28.6	6.1	74.6	41.2	19.1	5.3	1.75
35 to 44 years	1,408	1,067	30.3	6.2	79.0	35.5	16.1	5.2	1.73
45 to 54 years	881	644	26.6	6.5	73.0	37.7	19.7	6.8	1.73
55 to 64 years	669	485	22.7	7.0	65.6	35.7	20.0	10.1	1.61
65 years and over	124	95	20.0	4.2	71.6	22.1	10.5	9.2	1.33
Males, 16 years and over	5,850	4,489	26.8	5.3	78.7	33.5	19.5	6.1	1.73
16 to 19 years	999	919	15.9	2.9	83.2	25.5	12.8	3.5	1.44
20 to 24 years	1,338	1,037	29.2	4.9	80.2	32.3	21.7	4.7	1.73
25 to 34 years	1,716	1,218	30.5	5.5	76.8	40.4	22.2	5.7	1.81
35 to 44 years	803	591	33.7	7.8	80.2	36.0	18.4	8.1	1.84
45 to 54 years	501	352	27.8	7.7	77.3	35.8	21.3	9.4	1.79
55 to 64 years	411	308	23.7	5.8	65.9	29.9	22.4	11.3	1.61
65 years and over	81	65	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Females, 16 years and over	4,107	3,405	22.1	4.9	75.5	37.6	14.4	4.1	1.59
16 to 19 years	779	747	12.0	2.0	83.9	30.9	14.3	3.7	1.47
20 to 24 years	902	796	24.2	4.4	77.2	37.7	13.6	3.9	1.61
25 to 34 years	1,140	917	26.2	6.9	71.5	42.3	14.7	4.8	1.66
35 to 44 years	605	476	25.8	4.4	77.5	35.1	13.0	3.6	1.59
45 to 54 years	380	292	25.0	4.8	67.8	43.1	18.2	3.8	1.60
55 to 64 years	258	177	20.9	8.5	65.0	45.8	15.8	4.5	1.60
65 years and over	43	29	(1)	(1)	(1)	(1)	(1)	(1)	(1)
White, 16 years and over	7,743	5,964	22.4	4.9	78.3	38.0	17.0	5.1	1.66
Males	4,633	3,444	24.3	5.1	79.9	35.9	19.1	6.2	1.70
Females	3,110	2,519	19.8	4.7	76.1	40.8	14.1	3.7	1.59
Black and other, 16 years and over	2,213	1,931	32.2	5.5	74.4	27.0	18.3	5.8	1.63
Males	1,216	1,045	35.0	5.6	74.8	25.9	20.9	6.0	1.68
Females	997	885	28.9	5.4	73.8	28.3	15.3	5.5	1.57

(1) Percent not shown where base is less than 75,000.

NOTE: The jobseekers total is less than the total unemployed because persons on layoff or waiting to begin a new wage and salary job within 30 days are not actually seeking jobs. It should also be noted that the percent using each method will always total more than 100 because many jobseekers use more than one method.

A-16. Unemployed jobseekers by sex, reason for unemployment, and jobsearch methods used

Sex and reason	April 1982								
	Thousands of persons		Methods used as a percent of total jobseekers						Average number of methods used
	Total unemployed	Total jobseekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives	Other	
Total, 16 years and over	9,957	7,894	24.8	5.1	77.3	35.3	17.3	5.3	1.65
Job losers	6,000	4,844	31.1	5.3	77.7	38.0	20.7	5.7	1.78
Job leavers	838	845	22.0	7.3	77.9	43.0	13.6	3.4	1.67
Reentrants	2,138	2,333	19.6	5.2	72.1	32.7	14.8	5.4	1.51
New entrants	980	975	11.7	2.3	86.2	23.0	11.8	2.6	1.37
Males, 16 years and over	5,850	4,489	26.8	5.3	78.7	33.5	19.5	6.1	1.70
Job losers	4,136	3,814	31.6	5.5	78.6	35.8	21.3	6.7	1.81
Job leavers	378	332	22.5	3.1	81.2	39.3	20.2	3.4	1.70
Reentrants	860	820	20.9	7.2	72.3	27.7	18.0	7.6	1.54
New entrants	476	473	11.8	2.3	98.9	19.7	10.6	2.7	1.36
Females, 16 years and over	4,107	3,405	22.1	4.9	75.5	37.6	14.4	4.1	1.59
Job losers	1,864	1,233	29.8	4.7	75.5	40.6	19.2	3.6	1.73
Job leavers	461	463	21.8	10.8	75.2	46.2	8.2	3.7	1.66
Reentrants	1,278	1,211	18.7	3.9	72.1	36.0	12.6	5.7	1.49
New entrants	504	501	11.6	2.2	84.2	26.1	13.0	2.4	1.40

NOTE: See note, table A-15.

A-17. Unemployed persons by duration of unemployment

Duration of unemployment	Total				Full-time workers			
	Thousands of persons		Percent distribution		Thousands of persons		Percent distribution	
	Apr. 1981	Apr. 1982	Apr. 1981	Apr. 1982	Apr. 1981	Apr. 1982	Apr. 1981	Apr. 1982
Total, 16 years and over	7,561	9,957	100.0	100.0	6,234	8,359	100.0	100.0
Less than 5 weeks	2,791	3,463	36.9	34.8	2,364	2,577	33.3	30.8
5 to 14 weeks	2,127	2,851	28.1	28.5	1,718	2,407	27.7	28.8
5 to 10 weeks	1,527	1,883	20.2	18.9	1,225	1,567	19.7	18.7
11 to 14 weeks	600	968	7.9	9.7	493	840	7.9	10.0
15 weeks and over	2,643	3,642	35.0	36.6	2,421	3,375	39.0	40.4
15 to 26 weeks	1,399	1,996	18.5	20.0	1,279	1,857	20.6	22.2
27 weeks and over	1,244	1,646	16.5	16.5	1,142	1,518	18.4	18.2
27 to 51 weeks	682	923	9.0	9.3	616	846	9.9	10.1
52 weeks and over	562	723	7.4	7.3	526	672	8.5	8.0
Average (mean) duration, in weeks	15.4	16.0	--	--	16.9	17.2	--	--
Median duration, in weeks	8.8	9.8	--	--	10.3	11.2	--	--

A-18. Unemployed persons by sex, age, race, marital status, and duration of unemployment

Sex, age, race, and marital status	Thousands of persons					Average (mean) duration, in weeks	Median duration, in weeks	Less than 5 weeks as a percent of unemployed in group		15 weeks and over as a percent of unemployed in group	
	Total	Less than 5 weeks	5 to 14 weeks	15 to 26 weeks	27 weeks and over			Apr. 1981	Apr. 1982	Apr. 1981	Apr. 1982
	April 1982										
Total, 16 years and over	9,957	3,463	2,851	1,996	1,646	16.0	9.8	36.9	34.8	35.0	36.6
16 to 21 years	2,689	1,196	793	417	283	11.7	6.5	45.0	44.5	27.9	26.0
16 to 19 years	1,778	851	517	232	178	10.7	5.5	49.0	47.9	25.3	23.0
20 to 24 years	2,240	773	678	482	310	15.1	9.8	35.6	34.5	34.5	35.4
25 to 34 years	2,856	838	795	618	546	17.5	11.1	35.2	31.4	36.9	40.7
35 to 44 years	1,498	448	398	276	286	17.7	11.3	30.8	31.8	39.1	39.9
45 to 54 years	881	251	258	206	166	17.8	11.3	33.4	28.5	40.1	42.2
55 to 64 years	669	198	173	152	148	19.8	12.9	26.8	29.7	48.7	48.9
65 years and over	124	46	36	31	11	14.9	8.5	34.0	37.2	39.1	33.9
Males, 16 years and over	5,850	1,761	1,657	1,334	1,098	17.7	11.5	32.2	30.1	40.8	41.6
16 to 21 years	1,526	623	452	274	178	12.8	7.8	40.1	40.8	32.1	29.6
16 to 19 years	999	461	282	148	108	11.3	6.1	43.1	46.2	28.0	25.6
20 to 24 years	1,338	371	425	327	216	17.3	11.6	31.9	27.7	41.2	40.6
25 to 34 years	1,716	449	466	418	382	19.6	13.7	30.2	26.2	43.7	46.6
35 to 44 years	803	216	221	188	177	19.5	13.2	26.5	26.9	46.6	45.5
45 to 54 years	501	131	144	119	106	19.5	11.8	27.3	26.2	45.8	45.0
55 to 64 years	411	106	90	113	102	21.8	16.3	23.9	25.9	49.9	52.3
65 years and over	81	26	28	20	7	15.3	9.3	(1)	31.8	(1)	33.3
Females, 16 years and over	4,107	1,702	1,195	662	548	13.4	7.5	43.1	41.4	27.3	29.5
16 to 21 years	1,163	573	341	143	105	10.3	5.2	51.2	49.3	22.5	21.4
16 to 19 years	779	390	235	84	70	10.3	5.3	56.2	50.1	21.9	19.8
20 to 24 years	902	339	253	155	95	11.9	7.1	40.9	44.3	24.8	27.7
25 to 34 years	1,140	449	328	199	164	14.4	8.1	41.5	39.4	28.5	31.8
35 to 44 years	605	231	176	88	109	15.4	9.1	36.0	38.3	30.1	32.6
45 to 54 years	380	123	114	86	60	15.7	10.9	40.8	31.5	33.2	38.5
55 to 64 years	258	92	80	40	46	15.3	9.5	30.8	35.7	37.2	33.1
65 years and over	43	23	8	11	4	14.7	7.2	(1)	(1)	(1)	(1)
White, 16 years and over	7,743	2,759	2,209	1,578	1,197	15.3	9.5	37.6	35.6	33.5	35.8
Males	4,633	1,459	1,318	1,067	790	16.3	10.9	32.6	31.5	40.0	40.1
Females	3,110	1,300	892	512	407	13.2	7.4	44.4	41.8	24.8	29.5
Black and other, 16 years and over	2,213	704	642	418	449	18.1	11.0	34.6	31.8	39.8	39.2
Males	1,216	302	339	267	308	21.4	13.9	30.6	24.8	48.2	47.3
Females	997	402	303	151	141	14.1	8.1	38.9	40.3	35.1	29.3
Males, 16 years and over:											
Married, spouse present	2,542	698	750	634	460	18.3	12.3	25.8	27.5	49.3	43.0
Widowed, divorced, or separated	654	157	172	161	164	23.6	18.8	34.1	24.1	36.0	49.6
Single (never married)	2,654	905	735	539	475	16.5	10.1	36.5	34.1	35.6	38.2
Females, 16 years and over:											
Married, spouse present	1,840	742	539	306	252	13.6	8.0	40.3	40.3	25.7	30.3
Widowed, divorced, or separated	814	322	229	152	111	14.2	8.3	38.2	39.5	32.8	32.3
Single (never married)	1,453	638	426	204	186	12.7	6.4	48.5	43.9	26.4	26.8

(1) Percent not shown where base is less than 75,000.

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A-19. Unemployed persons by occupation, industry, and duration of unemployment

Occupation and industry	Thousands of persons					Average (mean) duration, in weeks	Median duration, in weeks	Less than 5 weeks as a percent of unemployed in group		15 weeks and ov as a percent of unemployed in gr	
	Total	Less than 5 weeks	5 to 14 weeks	15 to 26 weeks	27 weeks and over						
	April 1982							Apr. 1981	Apr. 1982	Apr. 1981	Apr. 198
OCCUPATION											
White collar workers	2,478	884	776	434	384	14.6	9.1	36.7	35.7	31.5	33
Professional and managerial	842	296	227	146	175	16.7	10.3	36.0	35.2	31.6	38
Sales workers	369	137	122	85	24	12.2	8.6	34.5	37.3	36.7	29
Clerical workers	1,267	451	427	203	185	13.9	8.7	37.6	35.6	30.1	30
Blue-collar workers	4,746	1,421	1,311	1,145	869	17.7	11.8	31.7	29.9	42.3	42
Craft and kindred workers	1,371	389	400	353	229	17.3	12.3	29.2	28.3	43.3	42
Operatives, except transport	1,939	620	586	398	334	17.1	10.5	33.1	32.0	40.4	37
Transport equipment operatives	434	108	98	117	111	20.3	16.1	27.7	24.9	51.2	52
Nonfarm laborers	1,002	304	227	276	195	18.8	13.2	34.3	30.3	40.5	47
Service workers	1,588	550	474	288	265	15.8	9.3	41.8	35.3	26.0	34
INDUSTRY[1]											
Agriculture	230	72	64	64	33	15.8	10.5	44.8	31.3	31.4	40
Construction	1,141	309	297	349	185	17.2	13.8	28.7	27.1	42.9	46
Manufacturing	2,552	788	743	558	454	17.5	11.0	31.2	30.9	42.4	40
Durable goods	1,573	459	454	363	296	18.1	11.7	26.1	29.2	45.9	41
Nondurable goods	979	329	288	194	158	16.6	10.2	38.7	33.5	37.3	37
Transportation and public utilities	414	137	108	96	73	16.9	10.5	38.9	33.1	37.7	40
Wholesale and retail trade	1,959	674	661	347	278	14.5	9.1	36.1	34.4	30.9	31
Finance and service industries	2,068	796	578	355	339	15.9	9.2	39.5	36.1	33.0	36
Public administration	291	130	41	71	80	21.9	15.9	34.2	34.2	42.1	51
No previous work experience	985	538	252	90	106	11.2	4.5	50.8	54.6	26.5	19

[1] Includes wage and salary workers only.

A-20. Employed persons by industry, age, and sex

(In thousands)

Industry and age	Total		Males		Females	
	Apr. 1981	Apr. 1982	Apr. 1981	Apr. 1982	Apr. 1981	Apr. 1982
All industries	100,345	98,858	57,281	55,924	43,064	42,934
16 to 19 years	7,046	6,183	3,730	3,188	3,315	2,995
16 to 17 years	2,750	2,352	1,449	1,255	1,301	1,097
18 to 19 years	4,296	3,831	2,282	1,933	2,014	1,899
20 to 24 years	13,930	13,488	7,370	7,060	6,561	6,428
25 to 54 years	64,699	64,818	37,345	37,091	27,353	27,726
25 to 34 years	28,232	28,122	16,260	16,019	11,972	12,103
35 to 44 years	20,011	20,723	11,525	11,824	8,486	8,899
45 to 54 years	16,457	15,973	9,561	9,248	6,895	6,724
55 to 64 years	11,650	11,447	5,970	6,797	4,680	4,650
55 to 59 years	7,194	7,064	4,306	4,176	2,888	2,888
60 to 64 years	4,456	4,384	2,665	2,621	1,792	1,763
65 years and over	3,019	2,921	1,864	1,787	1,155	1,134
Nonagricultural industries	97,032	95,686	54,584	53,341	42,447	42,345
16 to 19 years	6,657	5,894	3,399	2,937	3,258	2,957
16 to 17 years	2,558	2,213	1,283	1,135	1,276	1,079
18 to 19 years	4,099	3,681	2,117	1,803	1,982	1,878
20 to 24 years	13,539	13,114	7,039	6,764	6,500	6,350
25 to 54 years	62,981	63,061	36,002	35,700	26,979	27,361
25 to 34 years	27,565	27,339	15,725	15,394	11,840	11,945
35 to 44 years	19,463	20,221	11,117	11,430	8,346	8,790
45 to 54 years	15,953	15,502	9,160	8,877	6,793	6,625
55 to 64 years	11,163	10,985	5,563	6,417	4,599	4,568
55 to 59 years	6,931	6,824	3,992	3,987	2,839	2,837
60 to 64 years	4,231	4,161	2,471	2,430	1,760	1,731
65 years and over	2,692	2,631	1,581	1,522	1,110	1,109
Agriculture	3,313	3,172	2,697	2,582	616	589
16 to 19 years	388	289	331	250	57	38
16 to 17 years	191	138	166	120	25	18
18 to 19 years	197	150	165	130	32	20
20 to 24 years	391	374	331	297	60	78
25 to 54 years	1,719	1,756	1,344	1,391	374	366
25 to 34 years	667	784	535	626	132	158
35 to 44 years	548	502	408	393	139	109
45 to 54 years	504	470	401	371	103	99
55 to 64 years	487	462	407	380	80	82
55 to 59 years	262	240	214	189	49	50
60 to 64 years	225	223	193	191	32	32
65 years and over	327	290	283	265	45	25

A-21. Employed persons by occupation, sex, and age

[In thousands]

Occupation	Total		Males, 20 years and over		Females, 20 years and over		Males, 16-19 years		Females, 16-19 years	
	Apr. 1981	Apr. 1982	Apr. 1981	Apr. 1982	Apr. 1981	Apr. 1982	Apr. 1981	Apr. 1982	Apr. 1981	Apr. 1982
TOTAL	100,345	98,858	53,551	52,736	39,748	39,939	3,730	3,188	3,315	2,995
White-collar workers	52,874	53,209	23,792	24,141	26,727	26,933	640	525	1,715	1,613
Professional and technical	16,377	17,046	8,967	9,347	7,232	7,549	93	79	85	73
Health workers	3,089	3,249	979	1,083	2,086	2,156	5	1	17	13
Teachers, except college	3,297	3,379	986	993	2,297	2,359	5	7	9	15
Other professional and technical	9,991	10,418	7,002	7,269	2,849	3,036	82	63	59	50
Managers and administrators, except farm	11,417	11,305	8,281	8,136	3,049	3,086	50	45	36	38
Salaried workers	9,461	9,469	6,812	6,800	2,564	2,593	49	40	34	37
Self-employed workers in retail trade	865	826	554	522	308	300	1	2	2	2
Self-employed workers, except retail trade	1,090	1,010	915	813	176	194	--	3	--	--
Sales workers	6,251	6,557	3,238	3,355	2,434	2,598	210	210	370	397
Retail trade	3,121	3,287	999	1,041	1,649	1,734	140	156	332	356
Other industries	3,130	3,269	2,238	2,315	784	863	70	54	37	41
Clerical workers	18,829	18,302	3,306	3,302	13,312	13,701	286	199	1,225	1,100
Stenographers, typists, and secretaries	5,189	4,848	97	65	4,821	4,500	4	8	267	275
Other clerical workers	13,640	13,454	3,209	3,237	9,191	9,201	282	191	958	825
Blue-collar workers	31,215	29,490	23,533	22,411	5,466	5,257	1,912	1,586	304	238
Craft and kindred workers	12,751	12,430	11,583	11,317	763	803	380	284	25	25
Carpenters	1,154	1,142	1,081	1,093	26	15	45	37	2	--
Construction craft workers, except carpenters	2,514	2,457	2,413	2,355	33	40	61	62	2	1
Mechanics and repairers	3,456	3,376	3,236	3,213	63	56	157	108	2	--
Metal craft workers	1,373	1,193	1,281	1,119	61	38	32	28	--	--
Blue collar worker supervisors not elsewhere classified	1,779	1,734	1,583	1,533	179	194	13	9	9	9
All other	2,475	2,538	1,990	2,008	397	461	71	46	17	23
Operatives, except transport	10,501	9,514	5,814	5,222	3,977	3,745	547	412	163	135
Durable goods manufacturing	4,610	4,052	2,873	2,563	1,535	1,353	193	97	59	37
Nondurable goods manufacturing	3,344	3,063	1,361	1,184	1,813	1,759	103	55	68	65
Other industries	2,547	2,400	1,581	1,473	633	636	301	261	36	33
Transport equipment operatives	3,446	3,359	2,985	2,919	295	299	152	132	14	8
Drivers, motor vehicles	2,946	2,917	2,521	2,519	274	275	137	115	14	8
All other	500	442	464	400	22	24	15	17	--	--
Nonfarm laborers	4,518	4,187	3,152	2,953	431	409	833	755	101	70
Construction	768	637	688	512	6	17	73	109	2	4
Manufacturing	934	875	705	673	143	134	74	58	6	12
Other industries	2,815	2,676	1,759	1,771	277	258	686	594	93	54
Service workers	13,557	13,649	4,232	4,260	7,143	7,387	921	881	1,256	1,121
Private household workers	1,001	969	33	22	770	762	9	10	189	175
Service workers, except private household	12,556	12,680	4,199	4,239	6,378	6,625	912	870	1,067	946
Food service workers	4,750	4,773	975	945	2,400	2,552	634	580	742	695
Protective service workers	1,532	1,540	1,321	1,336	159	158	14	36	8	10
All other	6,304	6,367	1,903	1,958	3,819	3,915	264	254	317	241
Farm workers	2,699	2,509	1,996	1,923	408	385	258	198	39	23
Farmers and farm managers	1,436	1,394	1,281	1,225	139	152	16	17	--	1
Farm laborers and supervisors	1,263	1,115	715	697	270	233	241	182	39	22
Paid workers	1,017	895	676	657	131	94	184	128	26	15
Unpaid family workers	246	219	37	40	139	119	57	53	13	7

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A-22. Employed persons by occupation, race, and sex

[Percent distribution]

Occupation and race	Total		Males		Females	
	Apr. 1981	Apr. 1982	Apr. 1981	Apr. 1982	Apr. 1981	Apr. 1982
TOTAL						
Total, 16 years and over (thousands)	133,345	98,858	57,281	55,924	43,069	42,93
Percent	100.0	100.0	100.0	100.0	100.0	100.
White-collar workers	52.7	53.8	42.7	44.1	66.0	66.
Professional and technical	16.3	17.2	15.8	15.8	17.0	17.
Managers and administrators, except farm	11.4	11.4	10.5	14.6	7.2	7.
Sales workers	6.2	6.6	6.0	6.4	6.5	7.
Clerical workers	18.8	18.5	5.3	6.3	35.4	36.
Blue-collar workers	31.1	29.8	44.4	42.9	13.4	12.
Craft and kindred workers	12.7	12.6	23.9	20.7	1.8	1.
Operatives, except transport	10.5	9.6	11.1	10.1	9.6	9
Transport equipment operatives	3.4	3.4	5.5	5.5	.7	
Nonfarm laborers	4.5	4.2	7.0	6.6	1.2	1
Service workers	13.5	13.8	9.0	9.2	19.5	19
Private household workers	1.0	1.0	.1	.1	2.2	2
Other service workers	12.5	12.8	8.9	9.1	17.3	17
Farm workers	2.7	2.5	3.9	3.8	1.0	
Farmers and farm managers	1.4	1.4	2.3	2.2	.3	
Farm laborers and supervisors	1.3	1.1	1.7	1.6	.7	
White						
Total, 16 years and over (thousands)	99,615	87,509	51,183	50,039	37,432	37,4
Percent	100.0	100.0	100.0	100.0	100.0	100
White-collar workers	54.3	55.4	44.2	45.5	68.1	6
Professional and technical	16.7	17.6	16.3	17.2	17.3	1
Managers and administrators, except farm	12.2	12.2	15.5	15.5	7.7	
Sales workers	6.7	7.1	5.4	6.8	7.0	
Clerical workers	18.7	18.5	6.0	6.0	36.1	3
Blue-collar workers	30.7	29.3	43.6	42.3	13.0	1
Craft and kindred workers	13.1	13.0	21.4	21.2	1.9	
Operatives, except transport	10.3	9.1	10.7	9.7	9.2	
Transport equipment operatives	3.2	3.3	5.1	5.2	.7	
Nonfarm laborers	4.3	4.0	6.5	6.1	1.2	
Service workers	12.3	12.6	8.1	8.4	17.9	1
Private household workers	.7	.8	.1	(1)	1.7	
Other service workers	11.5	11.8	8.1	8.3	16.2	1
Farm workers	2.8	2.6	4.0	3.9	1.1	
Farmers and farm managers	1.6	1.6	2.5	2.4	.4	
Farm laborers and supervisors	1.2	1.1	1.6	1.5	.7	
Black and other						
Total, 16 years and over (thousands)	11,730	11,349	6,098	5,884	5,631	5
Percent	100.0	100.0	100.0	100.0	100.0	1
White-collar workers	40.6	41.4	29.6	32.4	52.6	
Professional and technical	13.4	14.5	12.2	13.7	14.6	
Managers and administrators, except farm	5.4	5.6	6.7	7.6	3.9	
Sales workers	2.8	3.0	2.6	2.8	3.2	
Clerical workers	19.1	18.3	8.1	8.3	30.9	
Blue-collar workers	34.3	33.6	51.0	48.3	16.3	
Craft and kindred workers	9.4	9.4	16.7	16.8	1.5	
Operatives, except transport	13.7	13.6	14.6	13.1	12.7	
Transport equipment operatives	5.0	4.2	8.9	7.4	.8	
Nonfarm laborers	6.2	6.4	10.7	11.0	1.3	
Service workers	23.0	23.1	16.3	16.3	30.4	
Private household workers	2.9	2.6	.2	.2	5.9	
Other service workers	20.1	20.5	15.1	16.2	24.5	
Farm workers	2.0	1.8	3.2	2.9	.7	
Farmers and farm managers	.3	.3	.6	.5	(1)	
Farm laborers and supervisors	1.7	1.5	2.6	2.4	.7	

[1] Less than 0.05 percent

A-23. Employed persons by age, sex, and class of worker

[In thousands]

Age and sex	April 1982								
	Nonagricultural industries						Agriculture		
	Wage and salary workers				Self employed	Unpaid family workers	Wage and salary workers	Self employed	Unpaid family workers
	Total	Private household workers	Government	Other					
Total, 16 years and over	88,038	1,150	15,716	71,171	7,228	420	1,342	1,586	244
16 to 19 years	5,766	242	349	5,175	81	48	194	32	62
16 to 17 years	2,153	168	102	1,883	37	24	83	13	46
18 to 19 years	3,613	74	246	3,293	43	24	112	22	17
20 to 24 years	12,718	114	1,378	11,226	382	14	266	86	22
25 to 34 years	25,511	157	4,428	20,925	1,744	84	367	364	53
35 to 44 years	18,293	148	3,962	14,183	1,848	80	207	261	35
45 to 54 years	13,967	158	3,116	10,693	1,436	99	148	294	29
55 to 64 years	9,726	139	2,151	7,386	1,186	73	115	319	29
55 to 59 years	6,101	117	1,347	4,637	573	50	66	155	19
60 to 64 years	3,625	72	804	2,749	513	23	49	164	9
65 years and over	2,057	141	332	1,583	552	22	84	231	19
Males, 16 years and over	48,356	168	7,666	40,522	6,919	66	1,090	1,395	97
16 to 19 years	2,856	62	159	2,634	56	25	164	31	55
16 to 17 years	1,092	40	49	1,003	33	13	69	9	42
18 to 19 years	1,764	22	111	1,631	26	12	95	22	13
20 to 24 years	6,500	22	558	5,920	260	8	205	76	16
25 to 34 years	14,224	23	2,083	12,121	1,161	8	297	312	16
35 to 44 years	10,214	19	1,951	8,245	1,213	3	174	217	2
45 to 54 years	7,880	14	1,644	6,222	994	3	122	248	2
55 to 64 years	5,544	10	1,098	4,436	863	13	83	296	1
55 to 59 years	3,491	7	688	2,795	490	6	50	139	--
60 to 64 years	2,053	3	410	1,641	373	8	33	156	1
65 years and over	1,138	21	173	944	372	12	44	216	8
Females, 16 years and over	39,682	982	8,050	30,649	2,309	354	251	191	147
16 to 19 years	2,910	179	189	2,541	24	23	30	1	7
16 to 17 years	1,061	128	54	879	7	11	14	1	3
18 to 19 years	1,849	51	136	1,662	17	12	16	--	4
20 to 24 years	6,218	92	820	5,306	122	11	62	11	5
25 to 34 years	11,287	137	2,346	8,804	583	75	70	51	37
35 to 44 years	8,079	130	2,011	5,938	635	77	32	44	33
45 to 54 years	6,087	144	1,471	4,471	443	96	26	46	27
55 to 64 years	4,182	179	1,053	2,949	323	63	32	23	29
55 to 59 years	2,610	110	659	1,842	183	43	16	15	19
60 to 64 years	1,572	69	394	1,108	140	19	16	8	8
65 years and over	919	121	159	640	180	13	--	15	10

A-24. Employed persons by industry and occupation

[In thousands]

Industry	April 1982											
		White-collar workers				Blue-collar workers				Service workers		Farm workers
	Total employed	Professional and technical workers	Managers and administrators, except farm	Sales workers	Clerical workers	Craft and kindred workers	Operatives, except transport	Transport equipment operatives	Nonfarm laborers	Private household workers	Other service workers	
Agriculture	3,172	86	48	7	104	78	12	22	296	--	10	2,509
Mining	1,110	191	150	8	143	255	289	44	20	--	14	--
Construction	5,621	213	734	33	503	3,132	240	127	637	--	32	--
Manufacturing	20,534	2,639	1,705	491	2,553	4,116	7,114	693	975	--	378	--
Durable goods	12,134	1,743	961	158	1,497	2,675	4,052	323	515	--	211	--
Nondurable goods	8,400	897	744	333	1,056	1,443	3,063	370	360	--	167	--
Transportation and public utilities	6,526	543	671	119	1,456	1,402	137	1,459	428	--	214	--
Wholesale and retail trade	20,204	475	3,853	4,282	3,482	1,427	822	739	1,206	--	3,920	--
Wholesale trade	4,211	181	898	994	855	367	208	397	264	--	46	--
Retail trade	15,993	293	2,955	3,287	2,626	1,060	613	341	942	--	3,874	--
Finance, insurance, and real estate	6,227	435	1,206	1,419	2,696	132	4	12	86	--	237	--
Services	30,237	11,386	2,278	192	5,538	1,587	839	212	520	969	6,715	--
Private households	1,193	24	--	--	15	6	1	8	129	969	39	--
Other service industries	29,044	11,362	2,273	192	5,523	1,581	838	204	391	--	6,676	--
Public administration	5,228	1,007	691	11	1,827	300	57	52	124	--	1,159	--

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A-25. Employed persons with a job but not at work by reason, sex, and pay status

[In thousands]

Reason not working and sex	All industries		Nonagricultural industries					
			Total		Wage and salary workers[1]			
					Paid absences[2]		Unpaid absences[2]	
	Apr. 1981	Apr. 1982	Apr. 1981	Apr. 1982	Apr. 1981	Apr. 1982	Apr. 1981	Apr. 1982
Total, 16 years and over	5,926	5,270	5,853	5,151	3,125	2,739	2,161	1,
Vacation	3,346	2,834	3,314	2,819	2,257	1,949	849	
Illness	1,403	1,346	1,376	1,306	607	573	647	
Bad weather	62	79	55	44	--	--	--	
Industrial dispute	143	22	143	22	--	--	--	
All other reasons	974	990	965	961	251	217	665	
Males, 16 years and over	2,814	2,584	2,749	2,483	1,515	1,418	904	
Vacation	1,492	1,301	1,465	1,288	1,337	990	251	
Illness	712	713	689	685	316	325	311	
All other reasons[3]	609	531	595	470	102	99	392	
Females, 16 years and over	3,113	2,726	3,104	2,709	1,612	1,325	1,257	1,
Vacation	1,853	1,534	1,849	1,533	1,170	959	598	
Illness	690	632	687	621	292	248	335	
All other reasons[3]	570	560	568	558	150	119	323	

[1] Excludes private household workers.

[2] Pay status not available separately for bad weather and industrial dispute; these categories are included in "all other reasons."

[3] Includes bad weather and industrial dispute, not shown separately.

NOTE: Estimates for "all other reasons" by pay status may be biased because of high response variance; data should be used with caution.

A-26. Persons at work by hours of work and industry

Hours of work	April 1982					
	Thousands of persons			Percent distribution		
	All industries	Nonagricultural industries	Agriculture	All industries	Nonagricultural industries	Agriculture
Total, 16 years and over	93,587	90,538	3,353	100.0	100.0	100.
1-34 hours	24,974	24,079	896	26.7	26.6	29.
1-4 hours	944	893	51	1.0	1.0	1.
5-14 hours	4,674	4,460	215	5.0	4.9	7.
15-29 hours	11,803	11,363	440	12.6	12.6	14.
30-34 hours	7,553	7,363	190	8.1	8.1	6.
35 hours and over	68,614	66,456	2,157	73.3	73.4	70.
35-39 hours	6,820	6,642	178	7.3	7.3	5.
40 hours	40,133	39,675	513	42.9	43.8	16.
41 hours and over	21,606	20,139	1,466	23.1	22.2	48.
41 to 48 hours	8,144	7,908	235	8.7	8.7	7.
49 to 59 hours	7,591	7,220	371	8.1	8.0	12.
60 hours and over	5,871	5,011	860	6.3	5.5	28.
Average hours, total at work	37.9	37.7	44.2	--	--	-
Average hours, workers on full-time schedules	42.6	42.3	52.3	--	--	-

A-27. Persons at work 1 to 34 hours by reason for working less than 35 hours and usual status

[Numbers in thousands]

Reason for working less than 35 hours	April 1982					
	All industries			Nonagricultural industries		
	Total	Usually work full time	Usually work part time	Total	Usually work full time	Usually work part time
Total, 16 years and over	24,974	7,955	17,019	24,079	7,681	16,397
Economic reasons	5,563	2,278	3,285	5,326	2,163	3,163
Slack work	3,151	1,953	1,198	2,971	1,854	1,117
Material shortages or repairs to plant and equipment	68	59	--	66	66	--
New job started during week	172	172	--	172	172	--
Job terminated during week	75	75	--	72	72	--
Could find only part time work	2,396	--	2,395	2,045	--	2,045
Other reasons	19,412	5,638	13,724	18,753	5,518	13,235
Does not want, or unavailable for, full time work	11,727	--	11,727	11,366	--	11,366
Vacation	1,252	1,252	--	1,243	1,243	--
Illness	1,783	1,537	175	1,742	1,588	154
Bad weather	348	348	--	262	262	--
Industrial dispute	27	27	--	27	27	--
Legal or religious holiday	1,067	1,057	--	1,061	1,051	--
Full time for this job	1,296	--	1,296	1,246	--	1,246
All other reasons	1,912	1,336	526	1,808	1,338	470
Average hours						
Economic reasons	22.4	25.1	20.6	22.5	25.2	20.7
Other reasons	20.9	25.9	18.4	20.9	27.0	18.4
Worked 30 to 34 hours						
Economic reasons	1,906	1,125	781	1,845	1,080	765
Other reasons	5,647	3,355	2,292	5,518	3,297	2,221

A-28. Nonagricultural workers by industry and full- or part-time status

[Numbers in thousands]

Industry	April 1982								
	Full- or part-time status							Average hours, total at work	Average hours, workers on full-time schedules
	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules					
				Total	40 hours or less	41 to 48 hours	49 hours or more		
Total, 16 years and over [1]	90,534	5,326	13,235	71,973	51,034	7,908	12,231	37.7	42.3
Wage and salary workers	83,432	4,637	11,909	66,895	49,445	7,344	10,106	37.5	41.9
Construction	4,292	415	209	3,668	2,810	347	511	38.3	41.2
Manufacturing	19,163	1,026	668	17,433	13,467	2,082	1,940	39.7	41.3
Durable goods	11,352	445	239	10,667	8,242	1,263	1,162	40.3	41.3
Nondurable goods	7,811	580	429	6,822	5,225	819	778	38.9	41.2
Transportation and public utilities	5,836	251	393	5,212	3,714	585	913	40.9	42.8
Wholesale and retail trade	17,459	1,295	4,447	11,717	7,851	1,566	2,300	35.2	42.8
Finance, insurance, and real estate	5,555	155	530	4,873	3,787	440	643	38.5	41.9
Service industries	25,138	1,346	5,389	18,373	13,571	1,793	3,009	35.6	42.0
Private households	1,113	201	555	357	243	34	80	23.5	44.5
All other industries	23,995	1,145	4,834	18,015	13,328	1,759	2,929	36.2	41.9
Public administration	4,993	132	266	4,625	3,679	415	531	39.6	41.3
Self-employed workers	6,683	678	1,163	4,842	2,235	541	2,065	39.8	48.2
Unpaid family workers	420	12	173	235	152	24	59	34.1	43.9

[1] Includes mining, not shown separately.

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A-29. Persons at work in nonagricultural industries by sex, age, race, marital status, and full- or part-time status

(Numbers in thousands)

Sex, age, race, and marital status	April 1982						
	Total at work	On part time for economic reasons	On voluntary part time	On full time schedules			Average hours, total at work
				Total	40 hours or less	41 hours or more	
TOTAL							
Both sexes, 16 years and over	93,534	5,326	13,235	71,973	51,834	20,139	37.7
16 to 21 years	13,198	974	4,371	6,953	3,907	946	28.2
16 to 19 years	5,620	521	3,284	1,815	1,495	320	24.0
16 to 17 years	2,087	109	1,770	208	173	35	17.0
18 to 19 years	3,534	412	1,514	1,608	1,322	286	28.1
20 years and over	84,914	4,805	9,951	70,158	53,341	19,817	38.6
20 to 24 years	12,683	1,064	2,099	9,520	7,308	2,212	36.0
25 years and over	72,231	3,742	7,852	60,637	43,031	17,606	39.0
25 to 44 years	45,056	2,405	4,158	38,493	26,855	11,638	39.5
45 to 64 years	24,749	1,238	2,487	21,024	15,377	5,647	39.0
65 years and over	2,426	99	1,208	1,119	797	322	29.1
Males, 16 years and over	50,898	2,604	4,041	44,253	28,961	15,292	40.5
16 to 21 years	5,151	483	1,998	2,670	2,019	651	29.6
16 to 19 years	2,817	251	1,572	994	779	215	24.9
16 to 17 years	1,075	63	899	114	88	26	17.7
18 to 19 years	1,741	188	673	880	691	189	29.3
20 years and over	45,031	2,353	2,469	43,259	28,181	15,078	41.4
20 to 24 years	6,611	579	824	5,208	3,662	1,546	37.7
25 years and over	41,470	1,776	1,645	38,049	24,517	13,532	42.0
25 to 44 years	25,668	1,171	547	23,950	15,044	8,906	42.5
45 to 64 years	14,389	556	449	13,384	9,979	4,405	42.0
65 years and over	1,414	49	649	716	496	220	30.5
Females, 16 years and over	39,636	2,721	9,194	27,721	22,876	4,845	34.0
16 to 21 years	5,347	491	2,373	2,183	1,889	294	26.8
16 to 19 years	2,803	270	1,712	821	716	105	23.1
16 to 17 years	1,011	46	872	93	83	10	16.3
18 to 19 years	1,792	224	841	727	630	97	26.9
20 years and over	34,288	2,231	7,482	25,930	22,163	4,740	34.9
20 to 24 years	6,072	486	1,275	4,311	3,645	666	34.1
25 years and over	33,761	1,966	6,207	22,588	18,514	4,074	35.0
25 to 44 years	19,389	1,236	3,611	14,542	11,813	2,732	35.3
45 to 64 years	10,363	681	2,037	7,642	6,403	1,242	35.1
65 years and over	1,012	50	559	403	301	102	27.2
RACE							
White	80,323	4,508	12,149	63,363	44,674	18,689	37.7
Males	45,493	2,222	3,643	39,625	25,347	14,278	40.7
Females	34,530	2,286	8,506	23,738	19,327	4,411	33.8
Black and other	10,514	818	1,086	8,510	7,161	1,349	37.2
Males	5,408	383	398	4,627	3,613	1,014	38.8
Females	5,105	435	688	3,983	3,548	435	35.5
MARITAL STATUS							
Males, 16 years and over							
Married, spouse present	34,480	1,356	1,206	31,908	23,342	11,566	42.3
Widowed, divorced, or separated	4,427	254	232	3,941	2,564	1,377	41.1
Single (never married)	11,992	984	2,603	8,405	6,054	2,351	35.1
Females, 16 years and over							
Married, spouse present	21,790	1,374	5,329	15,087	12,602	2,485	33.9
Widowed, divorced, or separated	7,880	624	1,050	6,206	4,991	1,215	36.4
Single (never married)	9,965	723	2,815	6,427	5,281	1,146	32.3

A-30. Persons at work in nonfarm occupations by sex and full- or part-time status

[Numbers in thousands]

Occupation and sex	April 1982								
	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules				Average hours, total at work	Average hours, workers on full-time schedules
				Total	40 hours or less	41 to 48 hours	49 hours or more		
Total, 16 years and over	91,174	5,386	13,358	72,430	52,392	7,961	12,377	37.7	42.3
White-collar workers	50,286	1,601	7,306	41,379	28,779	4,431	8,169	38.6	42.7
Professional and technical	15,776	358	1,867	13,551	9,141	1,540	2,870	39.6	43.0
Managers and administrators, except farm	10,821	167	533	10,121	5,409	1,273	3,439	44.4	46.0
Sales workers	6,212	332	1,590	4,293	2,722	519	1,049	35.8	43.6
Clerical workers	17,476	744	3,316	13,416	11,537	1,099	810	35.2	39.7
Blue-collar workers	27,994	2,464	1,957	23,573	17,484	2,821	3,268	38.6	41.9
Craft and kindred workers	11,815	786	463	10,566	7,652	1,307	1,607	39.9	42.1
Operatives, except transport	9,043	895	487	7,661	6,126	859	676	38.2	40.8
Transport equipment operatives	3,130	278	250	2,602	1,542	349	711	43.7	44.3
Nonfarm laborers	3,006	505	757	2,744	2,165	305	274	33.8	40.9
Service workers	12,894	1,321	4,095	7,478	5,829	709	940	32.0	41.6
Private household	933	155	479	299	235	29	65	26.1	40.5
Other service workers	11,963	1,166	3,616	7,178	5,623	680	875	32.6	41.5
Males, 16 years and over	51,344	2,684	4,098	44,632	29,146	5,557	9,899	40.5	43.7
White-collar workers	23,556	877	1,525	21,554	12,594	2,701	6,259	42.7	44.9
Professional and technical	8,868	146	511	8,211	5,354	973	2,184	42.5	44.4
Managers and administrators, except farm	7,854	115	228	7,511	3,559	979	2,873	45.7	46.9
Sales workers	3,442	108	395	2,939	1,651	412	876	40.9	44.7
Clerical workers	3,392	110	390	2,892	2,229	337	326	38.1	41.8
Blue-collar workers	22,840	1,853	1,906	19,581	14,031	2,472	3,078	39.2	42.4
Craft and kindred workers	11,038	748	353	9,937	7,122	1,255	1,560	40.2	42.2
Operatives, except transport	5,384	409	239	4,736	3,553	595	578	39.6	41.9
Transport equipment operatives	2,871	254	152	2,465	1,438	338	689	41.5	45.0
Nonfarm laborers	3,547	493	662	2,442	1,908	284	250	33.9	41.1
Service workers	4,948	314	1,167	3,467	2,521	384	562	35.6	43.0
Private household	33	3	15	15	10	2	3	29.4	40.3
Other service workers	4,915	310	1,152	3,453	2,513	381	559	35.7	43.0
Females, 16 years and over	39,829	2,701	9,261	27,827	22,347	2,404	2,476	34.0	40.3
White-collar workers	25,729	1,124	5,782	19,323	16,185	1,729	1,909	35.0	40.4
Professional and technical	6,908	212	1,356	5,340	4,087	567	686	35.8	40.8
Managers and administrators, except farm	2,967	52	305	2,610	1,750	294	566	40.7	43.5
Sales workers	2,770	224	1,195	1,351	1,071	107	173	29.5	41.0
Clerical workers	14,084	634	2,926	10,524	9,277	762	485	34.5	39.2
Blue-collar workers	5,154	611	551	3,992	3,453	349	190	35.7	39.5
Craft and kindred workers	777	39	110	628	528	53	47	36.6	40.4
Operatives, except transport	3,659	486	248	2,925	2,564	264	97	36.3	39.1
Transport equipment operatives	259	24	98	137	104	11	22	32.4	43.1
Nonfarm laborers	459	63	95	301	257	21	23	32.9	40.9
Service workers	7,945	1,006	2,928	4,012	3,309	326	377	29.7	40.5
Private household	900	152	464	284	196	26	62	23.9	44.3
Other service workers	7,045	855	2,464	3,727	3,112	299	316	30.4	40.2

HOUSEHOLD DATA

A-31. Employment status of 14- and 15-year-olds by sex and race

(Numbers in thousands)

Employment status	April 1982								
	Total			White			Black and other		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Civilian noninstitutional population	7,193	3,659	3,529	5,933	3,029	2,901	1,259	630	629
Civilian labor force	1,098	508	589	1,049	553	495	53	35	15
Employed	915	480	435	892	460	432	24	20	4
Agriculture	73	64	10	70	64	10	--	--	--
Nonagricultural industries	838	415	422	814	396	418	24	20	4
Unemployment	182	109	74	156	93	63	26	15	11
Unemployment rate	16.5	19.4	14.5	14.9	15.8	12.7	(1)	(1)	(1)
Not in labor force	6,091	3,071	3,020	4,882	2,475	2,406	1,209	595	614
Keeping house	29	5	24	23	3	20	6	2	5
Going to school	5,442	2,771	2,671	4,309	2,223	2,121	1,097	548	550
Unable to work	7	1	5	5	2	2	1	--	1
All other reasons	613	294	319	511	248	263	102	46	56

(1) Percent not shown where base is less than 75,000.

A-32. Employed 14- and 15-year-olds by class of worker, occupation, and sex

Class of worker and occupation	April 1982					
	Thousands of persons			Percent distribution		
	Both sexes	Males	Females	Both sexes	Males	Females
CLASS OF WORKER						
Total	916	480	435	100.0	100.0	100.0
Nonagricultural industries	838	416	422	91.6	86.5	97.0
Wage and salary workers	747	356	391	81.6	74.0	89.9
Private household workers	325	64	261	35.5	13.3	60.0
Government workers	27	12	15	3.0	2.5	3.4
Other wage and salary workers	395	280	115	43.2	58.2	26.4
Self-employed workers	81	54	27	8.9	11.2	6.2
Unpaid family workers	10	6	4	1.1	1.2	.9
Agriculture	78	64	14	8.5	13.3	3.2
Wage and salary workers	63	34	10	6.7	7.1	2.3
Self-employed workers	2	6	1	.8	1.2	.2
Unpaid family workers	27	25	2	3.0	5.2	.5
OCCUPATION						
Total	916	480	435	100.0	100.0	100.0
White-collar workers	269	175	94	29.4	36.5	21.6
Professional and technical	16	4	12	1.7	.8	2.8
Managers and administrators, except farm	1	--	1	.1	--	.2
Sales workers	213	149	62	23.2	31.0	14.3
Clerical workers	42	23	19	4.6	4.8	4.4
Blue-collar workers	157	147	10	17.2	30.6	2.3
Craft and kindred workers	17	17	--	1.9	3.5	--
Operatives, except transport	20	17	2	2.2	3.5	.5
Transport equipment operatives	4	4	--	.4	.8	--
Nonfarm laborers	116	108	9	12.7	22.5	2.1
Service workers	423	102	320	46.2	21.2	73.6
Private household workers	283	18	264	30.9	3.7	60.7
Other service workers	140	84	55	15.3	17.5	12.6
Farm workers	67	54	13	7.3	11.2	3.0
Farmers and farm managers	2	2	--	.2	.4	--
Farm laborers and supervisors	64	54	10	7.0	11.2	2.3

A-33. Employment status of the noninstitutional population by sex and age, seasonally adjusted

[Numbers in thousands]

Employment status, sex, and age	1981									1982			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
TOTAL													
Total noninstitutional population [1]	171,770	171,956	172,172	172,385	172,559	172,758	172,966	173,155	173,330	173,495	173,657	173,843	174,023
Armed Forces [1]	2,129	2,127	2,131	2,139	2,160	2,165	2,158	2,158	2,164	2,159	2,168	2,175	2,176
Civilian noninstitutional population [1]	169,641	169,829	170,042	170,246	170,399	170,593	170,809	170,995	171,166	171,335	171,489	171,667	171,844
Civilian labor force	108,777	109,293	108,434	108,638	108,818	108,494	109,012	109,272	109,184	108,879	109,165	109,346	109,648
Percent of civilian population	64.1	64.4	63.9	63.8	63.9	63.6	63.8	63.9	63.8	63.5	63.7	63.7	63.8
Employed	100,678	101,045	100,430	100,864	100,840	100,258	100,343	100,172	99,613	99,581	99,590	99,492	99,343
Percent of total population	58.7	58.8	58.3	58.5	58.4	58.0	58.0	57.9	57.5	57.4	57.3	57.2	57.1
Agriculture	3,470	3,405	3,348	3,342	3,404	3,358	3,378	3,372	3,209	3,411	3,373	3,349	3,309
Nonagricultural industries	97,408	97,640	97,082	97,522	97,436	96,900	96,965	96,800	96,404	96,170	96,217	96,144	96,032
Unemployed	7,899	8,248	8,004	7,824	7,978	8,236	8,669	9,100	9,571	9,298	9,575	9,854	10,307
Unemployment rate	7.3	7.5	7.4	7.2	7.3	7.6	8.0	8.3	8.8	8.5	8.8	9.0	9.4
Not in labor force	60,864	60,536	61,608	61,558	61,581	62,099	61,797	61,724	61,982	62,456	62,324	62,321	62,197
Males, 20 years and over													
Total noninstitutional population [1]	73,817	73,924	74,045	74,159	74,268	74,382	74,502	74,613	74,714	74,810	74,906	75,015	75,121
Civilian noninstitutional population [1]	72,142	72,251	72,359	72,472	72,559	72,670	72,795	72,921	73,020	73,120	73,209	73,287	73,392
Civilian labor force	57,157	57,479	57,094	57,172	57,250	57,262	57,355	57,459	57,665	57,368	57,448	57,550	57,730
Percent of civilian population	79.2	79.6	78.9	78.9	78.9	78.8	78.8	78.8	79.0	78.5	78.5	78.5	78.7
Employed	53,820	53,884	53,597	53,874	53,791	53,693	53,504	53,354	53,122	53,047	53,097	53,006	52,988
Percent of total population	72.9	72.9	72.4	72.6	72.4	72.2	71.8	71.5	71.1	70.9	70.9	70.7	70.5
Agriculture	2,419	2,390	2,379	2,383	2,422	2,383	2,413	2,382	2,311	2,390	2,386	2,377	2,382
Nonagricultural industries	51,401	51,494	51,218	51,491	51,369	51,310	51,091	50,972	50,811	50,657	50,711	50,629	50,606
Unemployed	3,337	3,595	3,497	3,298	3,459	3,569	3,851	4,105	4,543	4,322	4,351	4,548	4,742
Unemployment rate	5.8	6.3	6.1	5.8	6.0	6.2	6.7	7.1	7.9	7.5	7.6	7.9	8.2
Not in labor force	14,985	14,772	15,265	15,300	15,309	15,408	15,440	15,462	15,355	15,752	15,761	15,733	15,662
Females, 20 years and over													
Total noninstitutional population [1]	81,338	81,453	81,583	81,711	81,872	81,946	82,074	82,193	82,306	82,415	82,523	82,640	82,753
Civilian noninstitutional population [1]	81,193	81,308	81,434	81,561	81,671	81,792	81,923	82,038	82,151	82,260	82,367	82,478	82,591
Civilian labor force	42,332	42,608	42,591	42,692	42,666	42,344	42,831	42,987	42,888	42,868	43,031	43,243	43,331
Percent of civilian population	52.1	52.4	52.3	52.3	52.2	51.8	52.3	52.4	52.2	52.1	52.2	52.4	52.4
Employed	39,536	39,737	39,757	39,810	39,841	39,426	39,811	39,878	39,713	39,764	39,744	39,807	39,715
Percent of total population	48.6	48.8	48.7	48.7	48.7	48.1	48.5	48.5	48.3	48.2	48.2	48.2	48.0
Agriculture	609	605	585	590	609	608	596	635	572	649	628	636	601
Nonagricultural industries	38,927	39,132	39,172	39,220	39,232	38,818	39,218	39,243	39,141	39,115	39,116	39,172	39,114
Unemployed	2,796	2,871	2,824	2,872	2,825	2,918	3,017	3,109	3,175	3,104	3,286	3,435	3,586
Unemployment rate	6.6	6.7	6.6	6.7	6.6	6.9	7.0	7.2	7.4	7.2	7.6	7.9	8.3
Not in labor force	38,861	38,700	38,853	38,879	39,005	39,448	39,089	39,051	39,263	39,392	39,336	39,235	39,290
Both sexes, 16-19 years													
Total noninstitutional population [1]	16,615	16,579	16,544	16,513	16,469	16,429	15,393	16,351	16,310	16,269	16,228	16,188	16,146
Civilian noninstitutional population [1]	16,305	16,270	16,249	16,213	16,169	16,131	15,093	16,037	15,995	15,955	15,913	15,902	15,861
Civilian labor force	9,288	9,206	8,759	8,834	8,902	8,886	3,825	3,826	8,631	8,643	8,686	8,549	8,616
Percent of civilian population	57.0	56.6	53.9	54.5	55.1	55.1	54.8	55.0	54.3	54.2	54.6	53.8	54.3
Employed	7,522	7,424	7,076	7,190	7,208	7,139	7,025	5,943	6,778	6,771	6,748	6,679	6,637
Percent of total population	45.3	44.8	42.8	43.5	43.8	43.5	42.9	42.4	41.6	41.6	41.6	41.3	41.1
Agriculture	442	410	384	369	373	367	369	355	326	373	359	336	326
Nonagricultural industries	7,080	7,014	6,692	6,811	6,835	6,772	6,656	5,585	6,452	6,398	6,389	6,343	6,311
Unemployed	1,766	1,782	1,683	1,654	1,694	1,749	1,801	1,886	1,853	1,872	1,938	1,870	1,979
Unemployment rate	19.0	19.4	19.2	18.7	19.0	19.7	20.4	21.4	21.5	21.7	22.3	21.9	23.0
Not in labor force	7,017	7,064	7,490	7,379	7,267	7,243	7,267	7,211	7,364	7,312	7,227	7,353	7,245

[1] The population and Armed Forces figures are not adjusted for seasonal variations.

NOTE: Detail for the household data shown in tables A-33 through A-42 will not necessarily add to totals, because of the independent seasonal adjustment of the various series.

HOUSEHOLD DATA
SEASONALLY ADJUSTED

A-34. Full- and part-time status of the civilian labor force, seasonally adjusted

[Numbers in thousands]

Full and part time status	1981									1982			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
FULL TIME													
Total, 16 years and over	92,825	93,324	92,526	92,971	92,778	92,801	93,359	93,607	93,856	93,129	93,421	93,863	93,89
Civilian labor force	86,383	86,693	85,949	86,606	86,378	86,044	86,155	86,062	85,729	85,324	85,523	85,505	85,28
Employed	6,442	6,631	6,577	6,365	6,400	6,757	7,204	7,545	8,127	7,805	7,897	8,355	8,60
Unemployed	6.9	7.1	7.1	6.8	6.9	7.3	7.7	8.1	8.7	8.4	8.5	8.9	9.
Unemployment rate													
PART TIME													
Total, 16 years and over	15,960	15,368	15,924	15,808	16,071	15,662	15,690	15,721	15,399	15,853	15,632	15,470	15,8
Civilian labor force	14,499	14,350	14,462	14,337	14,525	14,160	14,198	14,125	13,982	14,337	13,951	13,926	14,1
Employed	1,461	1,518	1,462	1,471	1,546	1,502	1,492	1,596	1,417	1,515	1,581	1,544	1,7
Unemployed	9.2	9.6	9.2	9.3	9.6	9.6	9.5	10.2	9.2	9.6	10.8	10.0	10
Unemployment rate													

NOTE: Persons on part time schedules for economic reasons are included in the full time employed category; unemployed persons are allocated by whether seeking full or part time work.

A-35. Employment status by race, sex, and age, seasonally adjusted

[Numbers in thousands]

Race, sex, and age	1981									1982			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	A
WHITE													
Total, 16 years and over	95,199	95,666	94,887	95,126	95,163	94,884	95,365	95,535	95,329	95,120	95,333	95,508	96
Civilian labor force	89,080	89,237	88,799	89,170	89,221	88,628	88,734	88,498	88,010	87,955	87,990	87,956	87
Employed	6,119	6,429	6,088	5,956	5,942	6,256	6,631	7,037	7,319	7,165	7,344	7,552	8
Unemployed	6.4	6.7	6.4	6.3	6.2	6.6	7.0	7.4	7.7	7.5	7.7	7.9	
Unemployment rate													
Males, 20 years and over	50,718	50,920	50,633	50,698	50,701	50,712	50,811	50,881	50,948	50,757	50,812	50,903	51
Civilian labor force	48,070	48,092	47,939	48,157	48,050	47,948	47,790	47,649	47,449	47,410	47,430	47,351	47
Employed	2,648	2,828	2,694	2,541	2,651	2,764	3,021	3,232	3,499	3,347	3,382	3,552	3
Unemployed	5.2	5.6	5.3	5.0	5.2	5.5	5.9	6.4	6.9	6.6	6.7	7.0	
Unemployment rate													
Females, 20 years and over	36,274	36,597	36,490	36,612	36,554	36,294	36,742	36,832	36,733	36,698	36,860	37,038	37
Civilian labor force	34,197	34,422	34,404	34,481	34,534	34,155	34,517	34,513	34,368	34,380	34,427	34,475	34
Employed	2,077	2,175	2,086	2,131	2,020	2,139	2,225	2,319	2,365	2,319	2,433	2,564	
Unemployed	5.7	5.9	5.7	5.8	5.5	5.9	6.1	6.3	6.4	6.3	5.6	6.9	
Unemployment rate													
Both sexes, 16 to 19 years	8,207	8,149	7,764	7,816	7,908	7,878	7,812	7,822	7,548	7,665	7,562	7,567	
Civilian labor force	6,813	6,723	6,456	6,532	6,637	6,525	6,427	6,336	6,193	6,166	6,133	6,130	
Employed	1,394	1,426	1,308	1,284	1,271	1,353	1,385	1,486	1,455	1,499	1,529	1,437	
Unemployed	17.0	17.5	16.8	16.4	16.1	17.2	17.7	19.0	19.0	19.6	20.0	19.0	
Unemployment rate													
BLACK AND OTHER													
Total, 16 years and over	13,633	13,649	13,565	13,539	13,632	13,617	13,697	13,757	13,773	13,704	13,857	13,810	1
Civilian labor force	11,827	11,781	11,643	11,672	11,624	11,607	11,611	11,661	11,610	11,632	11,653	11,515	1
Employed	1,806	1,858	1,922	1,867	2,008	2,010	2,085	2,096	2,163	2,072	2,204	2,294	
Unemployed	15.2	15.7	16.2	15.8	16.7	16.8	17.9	17.9	18.7	17.8	18.9	19.9	
Unemployment rate													
Males, 20 years and over	6,498	6,587	6,479	6,484	6,556	6,551	6,573	6,595	6,514	6,563	6,649	6,620	
Civilian labor force	5,796	5,779	5,682	5,722	5,745	5,715	5,711	5,694	5,647	5,630	5,588	5,622	
Employed	702	758	737	762	811	836	862	901	867	933	961	998	
Unemployed	10.8	11.7	12.3	11.8	12.4	12.8	13.1	13.7	13.6	14.2	14.5	15.1	
Unemployment rate													
Females, 20 years and over	6,057	6,041	6,081	6,062	6,087	6,085	6,096	6,147	6,163	6,152	6,163	6,199	
Civilian labor force	5,337	5,305	5,340	5,321	5,313	5,281	5,301	5,359	5,355	5,388	5,338	5,321	
Employed	720	736	741	741	774	804	795	788	808	764	826	878	
Unemployed	11.9	12.2	12.2	12.2	12.7	13.2	13.0	12.9	13.1	12.4	13.4	14.2	
Unemployment rate													
Both sexes, 16 to 19 years	1,078	1,361	1,005	993	989	981	1,028	1,015	996	989	1,044	991	
Civilian labor force	694	597	621	629	566	611	599	628	608	614	627	573	
Employed	384	364	384	364	423	370	429	407	388	375	417	418	
Unemployed	35.6	34.3	38.2	36.7	42.8	37.7	41.7	40.1	39.0	37.9	39.9	42.2	

A-36. Major unemployment indicators, seasonally adjusted

[Unemployment rates]

Category	1981									1982			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
CHARACTERISTIC													
Total (all civilian workers)	7.3	7.5	7.4	7.2	7.3	7.6	8.0	8.3	8.8	8.5	8.8	9.0	9.4
Males, 20 years and over	5.8	6.3	6.1	5.8	6.0	6.2	6.7	7.1	7.9	7.5	7.6	7.9	8.2
Females, 20 years and over	6.6	6.7	6.6	6.7	6.6	6.9	7.0	7.2	7.4	7.2	7.6	7.9	8.3
Both sexes, 16-19 years	19.0	19.4	19.2	18.7	19.0	19.7	20.4	21.4	21.5	21.7	22.3	21.9	23.0
White	6.4	6.7	6.4	6.3	6.2	6.6	7.0	7.4	7.7	7.5	7.7	7.9	8.4
Black and other	13.2	13.7	14.2	13.8	14.7	14.8	15.2	15.2	15.7	15.1	15.9	16.6	16.9
Married men, spouse present	3.8	4.0	4.2	3.9	4.0	4.4	4.8	5.2	5.7	5.3	5.3	5.5	6.0
Married women, spouse present	5.9	5.8	5.7	5.7	5.5	6.0	6.1	6.5	6.6	6.2	7.0	7.1	7.8
Women who maintain families	9.9	10.4	10.7	11.2	10.1	10.7	10.6	10.8	10.5	10.4	10.2	10.6	11.5
Full-time workers	6.9	7.1	7.1	6.8	6.9	7.3	7.7	8.1	8.7	8.4	8.5	8.9	9.2
Part-time workers	9.2	9.6	9.2	9.3	9.6	9.6	9.5	10.2	9.2	9.6	10.8	10.0	10.9
Unemployed 15 weeks and over[1]	2.0	2.0	2.2	2.0	2.0	2.1	2.1	2.2	2.2	2.2	2.5	2.7	2.7
Labor force time lost[2]	8.2	8.6	7.9	7.9	7.9	8.5	9.1	9.5	10.1	10.0	9.8	10.4	10.4
OCCUPATION													
White-collar workers	4.0	4.0	3.9	4.0	3.9	4.1	4.1	4.2	4.5	4.2	4.6	4.8	4.9
Professional and technical	3.1	2.8	2.8	2.8	2.5	2.8	2.6	2.7	3.4	2.9	3.1	3.2	3.2
Managers and administrators, except farm	2.4	2.6	2.7	2.6	2.7	2.7	2.8	3.0	3.1	2.7	3.1	3.0	3.3
Sales workers	4.2	4.6	4.3	4.9	4.7	5.0	4.9	5.0	4.9	4.5	4.8	5.8	5.6
Clerical workers	5.5	5.6	5.4	5.7	5.7	5.8	5.0	6.3	6.2	6.3	6.7	6.9	7.2
Blue-collar workers	9.7	9.9	9.8	9.5	9.5	10.2	10.9	11.3	12.7	12.5	12.5	12.9	13.7
Craft and kindred workers	6.8	7.2	7.1	6.9	7.0	7.7	8.3	8.5	9.3	9.0	8.4	9.1	9.6
Operatives, except transport	11.6	11.8	11.1	11.1	11.1	11.6	12.8	14.1	15.5	15.4	15.4	15.9	16.9
Transport equipment operatives	8.1	8.2	8.1	7.3	8.0	8.7	8.0	10.4	10.5	10.2	10.3	10.4	10.7
Nonfarm laborers	14.0	13.5	14.7	14.4	13.2	14.6	15.6	16.3	16.9	16.9	17.9	17.9	19.2
Service workers	8.5	9.4	8.9	8.0	8.9	9.3	9.3	9.7	9.6	9.2	9.8	10.2	11.1
Farm workers	3.9	5.2	6.2	4.8	5.4	4.0	6.2	6.2	6.4	6.9	4.9	5.4	5.8
INDUSTRY													
Nonagricultural private wage and salary workers[3]	7.3	7.7	7.4	7.2	7.3	7.7	8.1	8.4	9.1	8.8	9.3	9.5	9.9
Construction	14.5	15.7	16.1	15.2	16.2	16.3	17.6	17.8	18.1	18.7	18.1	17.9	19.4
Manufacturing	7.6	7.8	7.4	7.3	7.0	7.9	8.6	9.4	11.0	10.4	10.6	10.8	11.3
Durable goods	7.5	7.4	7.1	7.1	6.5	7.7	8.6	9.5	11.8	11.0	11.3	10.8	11.9
Nondurable goods	7.8	8.6	7.9	7.6	7.9	8.3	8.6	9.3	9.6	9.5	9.5	10.8	10.5
Transportation	5.5	5.7	4.9	4.1	4.3	4.2	4.8	5.5	6.0	6.4	5.9	5.6	7.0
Wholesale and retail trade	7.5	8.3	7.7	7.9	7.9	8.5	8.4	8.6	8.9	8.7	9.0	10.3	10.1
Finance and service industries	5.8	5.8	5.8	5.7	5.7	5.0	6.2	6.1	6.4	5.9	6.5	6.9	7.0
Government workers	4.7	4.7	4.6	4.6	4.5	4.7	4.7	5.2	5.0	4.8	5.2	4.9	5.3
Agricultural wage and salary workers	9.4	11.0	13.3	10.7	12.0	11.0	13.4	14.1	14.8	16.2	12.8	14.0	14.6

[1] Unemployment as a percent of the civilian labor force.

[2] Aggregate hours lost by the unemployed and persons on part-time for economic reasons as a percent of potentially available labor force hours.

[3] Includes mining, not shown separately.

A-37. Unemployed persons by duration of unemployment, seasonally adjusted

[Numbers in thousands]

Weeks of unemployment	1981									1982			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
DURATION													
Less than 5 weeks	3,189	3,378	3,303	3,323	3,326	3,529	3,737	3,852	4,337	3,852	3,789	3,825	3,958
5 to 14 weeks	2,472	2,606	2,423	2,312	2,469	2,585	2,686	2,882	3,016	3,068	3,052	3,078	3,304
15 weeks and over	2,187	2,231	2,363	2,170	2,217	2,248	2,292	2,364	2,372	2,399	2,724	2,954	3,015
15 to 26 weeks	1,048	1,061	1,227	1,096	1,078	1,146	1,166	1,229	1,189	1,210	1,445	1,605	1,508
27 weeks and over	1,139	1,170	1,136	1,074	1,139	1,102	1,126	1,135	1,183	1,190	1,278	1,349	1,507
Average (mean) duration, in weeks	13.7	13.3	14.3	14.1	14.3	13.7	13.6	13.1	12.8	13.5	14.1	13.9	14.2
Median duration, in weeks	7.6	7.3	6.7	7.0	7.0	6.9	5.8	6.9	6.7	7.2	7.3	7.6	8.5
PERCENT DISTRIBUTION													
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5 weeks	40.6	41.1	40.8	42.6	41.5	42.2	42.7	42.3	42.8	41.3	39.6	38.8	38.5
5 to 14 weeks	31.5	31.7	30.0	29.6	30.8	30.9	30.9	31.7	32.0	32.9	31.9	31.2	32.1
15 weeks and over	27.9	27.2	29.2	27.8	27.7	26.9	26.4	26.0	25.2	25.7	28.5	30.0	29.3
15 to 26 weeks	13.4	12.9	15.2	14.0	13.5	13.7	13.4	13.5	12.6	13.0	15.1	16.3	14.7
27 weeks and over	14.5	14.2	14.0	13.8	14.2	13.2	13.0	12.5	12.6	12.8	13.4	13.7	14.7

HOUSEHOLD DATA
SEASONALLY ADJUSTED

A-38. Unemployment rates by sex and age, seasonally adjusted

Sex and age	1981									1982			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Ap
Total, 16 years and over	7.3	7.5	7.4	7.2	7.3	7.6	8.0	8.3	8.8	8.5	8.8	9.0	9
16 to 19 years	19.0	19.4	19.2	18.7	19.0	19.7	20.4	21.4	21.5	21.7	22.3	21.9	23
16 to 17 years	21.6	21.3	22.6	19.8	20.8	21.4	21.5	22.6	21.9	21.9	22.7	22.7	24
18 to 19 years	17.2	17.7	17.5	17.8	17.5	18.5	20.0	20.5	21.2	21.3	22.0	21.3	21
20 to 24 years	12.0	12.6	12.1	11.5	12.1	12.3	12.7	13.0	13.5	13.5	14.1	14.2	14
25 years and over	5.1	5.2	5.3	5.2	5.2	5.4	5.7	6.0	6.5	6.3	6.4	6.8	7
25 to 54 years	5.4	5.6	5.6	5.5	5.5	5.8	6.2	6.5	6.9	6.7	6.8	7.3	7
55 years and over	3.4	3.4	3.5	3.5	3.5	3.8	3.8	3.8	4.1	4.2	4.3	4.6	5
Males, 16 years and over	6.9	7.3	7.2	6.7	7.1	7.3	7.7	8.3	9.0	8.6	8.7	9.0	9
16 to 19 years	19.5	20.0	20.0	18.8	19.8	19.9	20.1	21.8	22.3	22.1	22.5	23.5	24
16 to 17 years	22.5	22.3	24.0	19.9	21.5	21.5	21.1	22.7	22.6	23.0	23.0	24.3	24
18 to 19 years	17.4	18.0	18.2	17.9	18.3	18.7	19.3	21.3	22.2	21.4	22.1	22.9	24
20 to 24 years	13.0	13.8	12.9	11.6	12.9	13.1	13.8	14.4	14.8	14.9	15.4	15.7	16
25 years and over	4.6	4.7	5.0	4.7	4.9	5.0	5.5	5.8	6.5	6.3	6.3	6.6	6
25 to 54 years	4.9	5.1	5.2	5.0	5.2	5.5	5.9	6.3	6.9	6.7	6.7	7.1	7
55 years and over	3.2	3.4	3.4	3.4	3.4	3.5	3.7	3.7	4.4	4.3	4.2	4.8	5
Females, 16 years and over	7.7	7.8	7.7	7.8	7.7	8.0	8.2	8.4	8.5	8.4	8.9	9.0	9
16 to 19 years	18.4	18.7	18.4	18.6	18.2	19.5	20.7	20.9	20.5	21.2	22.1	20.1	21
16 to 17 years	20.5	20.2	21.1	19.7	20.3	21.2	21.9	22.5	21.1	20.6	22.5	20.8	24
18 to 19 years	17.1	17.4	16.8	17.7	16.9	18.3	20.6	19.9	20.0	21.1	21.9	19.6	19
20 to 24 years	10.9	11.2	11.2	11.3	11.1	11.4	11.5	11.3	12.0	11.9	12.7	12.6	13
25 years and over	5.7	5.8	5.7	5.8	5.5	5.9	6.1	6.4	6.4	6.3	6.5	7.0	7
25 to 54 years	6.1	6.4	6.1	6.1	6.0	6.3	6.5	6.8	6.9	6.7	7.0	7.6	7
55 years and over	3.7	3.4	3.5	3.7	3.7	4.3	4.0	3.8	3.7	4.1	4.3	4.3	4

A-39. Unemployed persons by reason for unemployment, seasonally adjusted

(Numbers in thousands)

Reason for unemployment	1981									1982			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	A
NUMBER OF UNEMPLOYED													
Both sexes, 16 years and over													
Job losers	3,958	4,032	4,173	3,867	4,106	4,426	4,573	4,935	5,343	5,205	5,153	5,622	5,
On layoff	1,303	1,357	1,302	1,225	1,276	1,452	1,631	1,826	2,042	1,860	1,740	1,828	1,
Other job losers	2,655	2,675	2,871	2,642	2,830	2,974	2,942	3,079	3,301	3,345	3,413	3,794	3,
Job leavers	903	1,304	896	926	879	921	976	916	923	835	964	885	
Reentrants	2,044	2,106	2,039	2,078	2,034	2,058	2,178	2,339	2,244	2,079	2,277	2,249	2,
New entrants	988	956	973	940	971	977	1,002	996	1,021	1,055	1,100	1,044	1,
PERCENT DISTRIBUTION													
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	10
Job losers	50.1	49.8	51.6	49.5	51.4	52.8	52.4	53.6	56.1	56.7	54.3	57.4	5
On layoff	16.5	15.8	16.1	15.7	16.0	17.3	18.7	19.9	21.4	20.3	18.3	18.7	1
Other job losers	33.6	33.0	35.5	33.8	35.4	35.5	33.7	33.6	34.6	36.5	35.9	38.7	3
Job leavers	11.4	12.4	11.1	11.9	11.0	11.0	11.2	10.0	9.7	9.1	10.2	9.0	
Reentrants	25.9	26.0	25.2	26.6	25.5	24.6	25.0	25.5	23.5	22.7	24.0	22.9	2
New entrants	12.5	11.8	12.0	12.0	12.2	11.7	11.5	10.9	10.7	11.5	11.6	10.7	1
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE													
Job losers	3.6	3.7	3.8	3.6	3.8	4.1	4.2	4.5	4.9	4.8	4.7	5.1	
Job leavers	.8	.9	.8	.9	.8	.8	.9	.8	.8	.8	.9	.8	
Reentrants	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.1	2.1	1.9	2.1	2.1	
New entrants	.9	.9	.9	.9	.9	.9	.9	.9	.9	1.0	1.0	1.0	

A-40. Employed persons by sex and age, seasonally adjusted

(In thousands)

Sex and age	1981									1982			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
Total, 16 years and over	100,878	101,045	100,930	100,864	100,840	100,258	100,343	100,172	99,613	99,581	99,590	99,492	99,340
16 to 19 years	7,522	7,424	7,076	7,180	7,208	7,139	7,025	6,940	6,778	6,771	6,748	6,679	6,637
16 to 17 years	3,012	2,949	2,709	2,835	2,840	2,836	2,763	2,758	2,703	2,705	2,690	2,642	2,613
18 to 19 years	4,496	4,484	4,350	4,326	4,345	4,326	4,260	4,192	4,088	4,065	4,067	4,060	4,027
20 to 24 years	14,178	14,178	14,094	14,264	14,194	14,086	13,978	13,973	13,935	13,816	13,788	13,811	13,730
25 years and over	79,180	79,462	79,330	79,464	79,453	79,028	79,228	79,202	78,881	78,960	79,045	78,978	78,973
25 to 54 years	64,565	64,798	64,754	64,930	65,014	64,676	64,829	64,868	64,567	64,722	64,853	64,648	64,670
55 years and over	14,596	14,640	14,542	14,535	14,471	14,372	14,377	14,337	14,332	14,282	14,159	14,299	14,298
Males, 16 years and over	57,792	57,793	57,279	57,640	57,551	57,471	57,265	57,351	56,725	56,629	56,658	56,472	56,401
16 to 19 years	3,972	3,909	3,682	3,766	3,760	3,778	3,762	3,697	3,603	3,582	3,561	3,466	3,412
16 to 17 years	1,582	1,543	1,412	1,498	1,501	1,533	1,522	1,495	1,448	1,446	1,439	1,387	1,385
18 to 19 years	2,390	2,379	2,260	2,261	2,257	2,266	2,241	2,208	2,163	2,134	2,123	2,094	2,020
20 to 24 years	7,521	7,531	7,383	7,646	7,562	7,523	7,443	7,373	7,380	7,321	7,288	7,245	7,239
25 years and over	46,300	46,374	46,168	46,253	46,244	46,160	45,046	45,940	45,709	45,686	45,785	45,762	45,782
25 to 54 years	37,452	37,560	37,448	37,507	37,565	37,519	37,406	37,364	37,092	37,127	37,235	37,173	37,194
55 years and over	8,841	8,814	8,729	8,736	8,679	8,658	8,621	8,590	8,608	8,582	8,523	8,578	8,591
Females, 16 years and over	43,086	43,252	43,151	43,224	43,289	42,787	43,077	43,121	42,888	42,952	42,932	43,020	42,940
16 to 19 years	3,550	3,515	3,394	3,414	3,448	3,361	3,263	3,243	3,175	3,189	3,187	3,213	3,225
16 to 17 years	1,430	1,406	1,297	1,337	1,339	1,303	1,247	1,273	1,255	1,259	1,251	1,255	1,225
18 to 19 years	2,122	2,105	2,090	2,065	2,088	2,060	2,019	1,984	1,925	1,931	1,944	1,966	2,007
20 to 24 years	6,657	6,647	6,611	6,618	6,632	6,563	6,629	6,597	6,555	6,495	6,500	6,565	6,523
25 years and over	32,880	33,088	33,162	33,211	33,209	32,868	33,182	33,262	33,172	33,274	33,259	33,216	33,192
25 to 54 years	27,113	27,238	27,306	27,423	27,449	27,157	27,423	27,504	27,475	27,595	27,613	27,475	27,476
55 years and over	5,755	5,826	5,813	5,799	5,792	5,714	5,755	5,747	5,724	5,701	5,635	5,721	5,707

A-41. Unemployed persons by sex and age, seasonally adjusted

(In thousands)

Sex and age	1981									1982			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
Total, 16 years and over	7,899	8,248	8,004	7,824	7,978	8,236	8,669	9,103	9,571	9,298	9,575	9,854	10,307
16 to 19 years	1,766	1,782	1,683	1,654	1,694	1,749	1,801	1,886	1,853	1,872	1,939	1,970	1,979
16 to 17 years	828	799	791	699	746	772	757	938	759	760	792	775	851
18 to 19 years	937	964	924	938	931	983	1,062	1,080	1,098	1,098	1,149	1,099	1,130
20 to 24 years	1,939	2,047	1,942	1,847	1,949	1,972	2,054	2,088	2,168	2,161	2,271	2,293	2,374
25 years and over	4,213	4,331	4,333	4,324	4,328	4,540	4,823	5,091	5,481	5,282	5,401	5,748	5,962
25 to 54 years	3,683	3,871	3,845	3,786	3,819	4,010	4,255	4,536	4,804	4,649	4,756	5,066	5,186
55 years and over	509	509	522	534	526	572	574	562	623	624	630	691	752
Males, 16 years and over	4,300	4,571	4,415	4,171	4,385	4,506	4,798	5,133	5,578	5,338	5,384	5,610	5,846
16 to 19 years	963	976	918	873	926	937	947	1,028	1,035	1,016	1,033	1,062	1,104
16 to 17 years	459	442	445	372	411	421	408	438	424	433	429	445	454
18 to 19 years	499	521	502	494	505	521	537	597	616	581	604	621	647
20 to 24 years	1,122	1,206	1,106	1,005	1,120	1,131	1,194	1,245	1,278	1,294	1,324	1,346	1,377
25 years and over	2,237	2,280	2,305	2,292	2,361	2,455	2,673	2,834	3,199	3,055	3,071	3,247	3,383
25 to 54 years	1,927	2,001	2,065	1,993	2,067	2,173	2,345	2,522	2,762	2,662	2,675	2,820	2,895
55 years and over	289	307	311	310	303	317	333	333	397	383	377	431	451
Females, 16 years and over	3,599	3,677	3,589	3,653	3,593	3,730	3,871	3,967	3,993	3,960	4,191	4,243	4,461
16 to 19 years	803	806	765	781	768	812	854	858	818	856	905	908	875
16 to 17 years	369	357	346	327	335	351	349	370	335	327	363	330	397
18 to 19 years	438	449	422	444	426	462	525	493	482	517	545	478	483
20 to 24 years	817	841	836	842	829	841	863	843	890	877	947	947	998
25 years and over	1,976	2,051	1,993	2,032	1,967	2,085	2,159	2,257	2,282	2,228	2,339	2,501	2,578
25 to 54 years	1,756	1,870	1,780	1,796	1,752	1,837	1,909	2,014	2,042	1,987	2,081	2,246	2,291
55 years and over	220	202	211	224	223	255	241	223	223	241	253	260	291

HOUSEHOLD DATA
SEASONALLY ADJUSTED

A-42. Employed persons by selected social and economic categories, seasonally adjusted

[In thousands]

Category	1981									1982			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
CHARACTERISTIC													
Total, 16 years and over	100878	101045	100430	100864	100840	100258	100383	100172	99,613	99,581	99,590	99,492	99,2
Married men, spouse present	39,186	39,120	38,930	38,961	38,961	38,855	38,746	38,553	38,342	38,234	38,255	38,181	38,1
Married women, spouse present	23,979	24,192	24,106	24,159	24,043	23,526	23,974	23,820	23,691	23,744	23,727	23,900	23,8
OCCUPATION													
White-collar workers	52,855	53,016	52,957	52,907	53,141	52,938	53,199	53,086	53,384	52,836	52,841	52,763	53,1
Professional and technical	16,178	16,093	16,410	16,364	16,621	16,598	16,581	16,657	16,774	16,803	16,612	16,659	16,8
Managers and administrators, except farm	11,616	11,488	11,411	11,578	11,463	11,533	11,516	11,461	11,424	11,091	11,253	11,311	11,5
Sales workers	6,290	6,562	6,513	6,373	6,490	6,481	6,403	6,418	6,450	6,520	6,548	6,637	6,6
Clerical workers	18,771	18,873	18,623	18,592	18,570	18,336	18,502	18,550	18,436	18,423	18,432	18,155	18,2
Blue-collar workers	31,685	31,796	31,538	31,580	31,611	31,466	30,953	30,683	30,344	30,203	30,309	30,416	29,9
Craft and kindred workers	12,825	12,911	12,749	12,787	12,724	12,514	12,445	12,411	12,346	12,370	12,454	12,511	12,4
Operatives, except transport	10,691	10,716	10,703	10,719	10,658	10,524	10,410	10,220	10,169	9,966	9,955	9,860	9,6
Transport equipment operatives	3,483	3,466	3,493	3,526	3,530	3,506	3,580	3,438	3,368	3,415	3,503	3,397	3,4
Nonfarm laborers	4,686	4,703	4,593	4,548	4,699	4,722	4,517	4,614	4,361	4,451	4,397	4,648	4,3
Service workers	13,468	13,470	13,214	13,526	13,282	13,391	13,525	13,673	13,639	13,709	13,612	13,526	13,5
Farm workers	2,826	2,748	2,710	2,727	2,753	2,743	2,770	2,802	2,660	2,817	2,787	2,710	2,6
MAJOR INDUSTRY AND CLASS OF WORKER													
Agriculture													
Wage and salary workers	1,560	1,499	1,437	1,495	1,501	1,461	1,502	1,436	1,352	1,377	1,426	1,416	1,4
Self-employed workers	1,661	1,658	1,664	1,593	1,638	1,643	1,631	1,641	1,602	1,674	1,596	1,644	1,6
Unpaid family workers	286	235	263	244	256	256	261	321	228	380	359	277	2
Nonagricultural industries													
Wage and salary workers	89,913	90,402	89,508	89,971	89,995	89,376	89,460	89,238	88,991	88,759	88,586	88,526	88,3
Government	15,885	15,776	15,727	15,637	15,526	15,475	15,491	15,397	15,585	15,578	15,527	15,492	15,4
Private industries	74,028	74,626	73,801	74,334	74,469	73,901	73,969	73,841	73,406	73,181	73,059	73,034	72,8
Private households	1,249	1,192	1,177	1,216	1,259	1,102	1,152	1,204	1,291	1,248	1,161	1,225	1,1
Other industries	72,779	73,434	72,624	73,118	73,210	72,799	72,807	72,637	72,115	71,932	71,898	71,809	71,6
Self-employed workers	7,150	6,966	7,128	7,071	7,103	7,217	7,152	7,141	7,057	6,971	7,055	7,126	7,2
Unpaid family workers	345	356	376	389	387	399	451	425	410	410	408	434	4
PERSONS AT WORK[1]													
Nonagricultural industries	91,094	91,745	91,500	92,532	91,569	90,878	91,384	91,323	90,922	90,125	90,892	90,548	90,5
Full-time schedules	74,259	74,371	74,693	75,620	74,467	73,794	73,886	73,915	73,360	72,803	73,028	72,649	72,3
Part time for economic reasons	4,200	4,254	4,033	4,374	4,350	4,656	5,309	5,026	5,288	5,071	5,563	5,717	5,8
Usually work full-time	1,593	1,557	1,465	1,680	1,729	1,759	2,306	1,945	2,121	1,783	2,193	2,237	2,2
Usually work part time	2,607	2,697	2,568	2,694	2,621	2,897	3,303	3,081	3,167	3,287	3,370	3,480	3,6
Part time for noneconomic reasons	12,635	12,510	12,774	12,538	12,752	12,428	12,189	12,382	12,274	12,251	12,300	12,183	12,0

[1] Excludes persons "with a job but not at work" during the survey period for such reasons as vacation, illness, or industrial dispute.

A-43. Employment status of male Vietnam-era veterans and nonveterans by age

(Numbers in thousands)

Veteran status and age	Not seasonally adjusted									
	Civilian noninstitutional population		Civilian labor force							
			Total		Employed		Unemployed			
							Number		Percent of labor force	
	Apr. 1981	Apr. 1982	Apr. 1981	Apr. 1982	Apr. 1981	Apr. 1982	Apr. 1981	Apr. 1982	Apr. 1981	Apr. 1982
VETERANS										
Total, 25 years and over	8,507	8,675	8,370	8,181	7,910	7,472	460	709	5.7	8.7
25 to 39 years	7,325	7,194	7,041	5,884	5,512	6,240	429	644	6.1	9.4
25 to 29 years	1,535	1,277	1,419	1,176	1,288	971	131	205	9.2	17.4
30 to 34 years	3,396	3,023	3,280	2,898	3,095	2,629	185	269	5.6	9.3
35 to 39 years	2,394	2,394	2,342	2,810	2,229	2,640	113	170	4.8	6.0
40 years and over	1,182	1,481	1,029	1,297	998	1,232	31	65	3.0	5.0
NONVETERANS										
Total, 25 to 39 years	17,012	17,999	16,128	17,045	15,169	15,633	959	1,412	5.9	8.3
25 to 29 years	7,788	8,101	7,316	7,624	6,783	6,870	533	754	7.3	9.9
30 to 34 years	5,357	5,867	5,119	5,629	4,875	5,199	244	430	4.8	7.6
35 to 39 years	3,867	4,031	3,693	3,792	3,511	3,564	182	228	4.9	6.0

NOTE: Vietnam-era veterans are males who served in the Armed Forces between August 5, 1964 and May 7, 1975. Nonveterans are males who have never served in the Armed Forces; published data are limited to those 25 to 39 years of age, the group that most closely corresponds to the bulk of the Vietnam-era veteran population.

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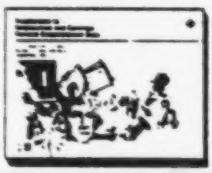

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B-1. Employees on nonagricultural payrolls by industry division, 1930 to date

(In thousands)

Year and month	Total	Goods-producing				Service-producing									
		Total	Mining	Construction	Manufacturing	Total	Transportation and public utilities	Wholesale and retail trade			Finance, insurance, and real estate	Services	Government		
								Total	Wholesale trade	Retail trade			Total	Federal	State and local
Annual averages															
1930	29,409	11,958	1,009	1,387	9,562	17,451	3,685	5,797	–	–	1,460	3,361	3,148	526	2,622
1931	26,635	10,272	873	1,229	8,170	16,363	3,254	5,284	–	–	1,392	3,169	3,264	560	2,704
1932	23,615	8,647	731	985	6,931	14,968	2,816	4,683	–	–	1,326	2,918	3,225	559	2,666
1933	23,699	8,965	744	824	7,397	14,734	2,672	4,755	–	–	1,280	2,861	3,166	565	2,601
1934	25,940	10,261	883	877	8,501	15,679	2,750	5,281	–	–	1,304	3,045	3,299	652	2,647
1935	27,039	10,893	897	927	9,069	16,146	2,786	5,431	–	–	1,320	3,128	3,481	753	2,728
1936	29,068	11,933	946	1,160	9,827	17,135	2,973	5,809	–	–	1,373	3,312	3,668	826	2,842
1937	31,011	12,936	1,015	1,127	10,794	18,075	3,134	6,265	–	–	1,417	3,503	3,756	833	2,923
1938	29,194	11,401	891	1,070	9,440	17,793	2,863	6,179	–	–	1,410	3,458	3,883	829	3,054
1939	30,603	12,297	854	1,165	10,278	18,306	2,936	6,426	1,762	4,664	1,447	3,502	3,995	905	3,090
1940	32,361	13,221	925	1,311	10,985	19,140	3,038	6,750	1,835	4,914	1,485	3,665	4,202	996	3,206
1941	36,539	15,963	957	1,814	13,192	20,574	3,274	7,210	1,960	5,251	1,525	3,905	4,660	1,340	3,320
1942	40,106	18,470	992	2,198	15,280	21,636	3,460	7,118	1,906	5,212	1,509	4,066	5,483	2,213	3,270
1943	42,434	20,114	925	1,587	17,602	22,320	3,647	6,982	1,822	5,160	1,481	4,130	6,080	2,905	3,175
1944	41,864	19,328	892	1,108	17,328	22,536	3,829	7,058	1,845	5,214	1,461	4,145	6,043	2,928	3,116
1945	40,374	17,507	836	1,147	15,524	22,867	3,906	7,314	1,949	5,365	1,481	4,222	5,944	2,808	3,137
1946	41,652	17,248	862	1,683	14,703	24,404	4,061	8,376	2,291	6,084	1,675	4,697	5,595	2,254	3,341
1947	43,857	18,509	955	2,009	15,545	25,348	4,166	8,955	2,471	6,485	1,728	5,025	5,474	1,892	3,582
1948	44,866	18,774	994	2,198	15,582	26,092	4,189	9,272	2,605	6,667	1,800	5,181	5,650	1,863	3,787
1949	43,754	17,565	930	2,196	14,441	26,189	4,001	9,264	2,602	6,662	1,828	5,240	5,856	1,908	3,948
1950	45,197	18,506	901	2,364	15,241	26,691	4,034	9,386	2,635	6,751	1,888	5,357	6,026	1,928	4,099
1951	47,819	19,959	929	2,637	16,393	27,860	4,226	9,742	2,727	7,015	1,956	5,547	6,389	2,302	4,087
1952	48,793	20,198	898	2,668	16,632	28,595	4,248	10,004	2,812	7,192	2,035	5,699	6,609	2,420	4,188
1953	50,202	21,074	866	2,659	17,549	29,128	4,290	10,247	2,854	7,393	2,111	5,835	6,645	2,305	4,340
1954	48,990	19,751	791	2,646	16,314	29,239	4,084	10,235	2,867	7,368	2,200	5,969	6,751	2,188	4,563
1955	50,641	20,513	792	2,839	16,882	30,128	4,141	10,535	2,926	7,610	2,298	6,240	6,914	2,187	4,727
1956	52,369	21,104	822	3,039	17,243	31,266	4,244	10,858	3,018	7,840	2,389	6,497	7,278	2,209	5,069
1957	52,853	20,964	828	2,962	17,174	31,889	4,241	10,886	3,028	7,858	2,438	6,708	7,614	2,217	5,399
1958	51,324	19,513	751	2,817	15,945	31,811	3,976	10,750	2,980	7,770	2,481	6,765	7,839	2,191	5,648
1959[1]	53,268	20,411	732	3,004	16,675	32,857	4,011	11,127	3,082	8,045	2,549	7,087	8,083	2,233	5,850
1960	54,189	20,434	712	2,926	16,796	33,755	4,004	11,391	3,143	8,248	2,629	7,378	8,353	2,270	6,083
1961	53,999	19,857	672	2,859	16,326	34,142	3,903	11,337	3,133	8,204	2,688	7,620	8,594	2,279	6,315
1962	55,549	20,451	650	2,948	16,853	35,098	3,906	11,566	3,198	8,368	2,754	7,982	8,890	2,340	6,550
1963	56,653	20,640	635	3,010	16,995	36,013	3,903	11,778	3,248	8,530	2,830	8,277	9,225	2,358	6,868
1964	58,283	21,005	634	3,097	17,274	37,278	3,951	12,160	3,337	8,823	2,911	8,660	9,596	2,348	7,248
1965	60,765	21,926	632	3,232	18,062	38,839	4,036	12,716	3,466	9,250	2,977	9,036	10,074	2,378	7,696
1966	63,901	23,158	627	3,317	19,214	40,743	4,158	13,245	3,597	9,648	3,058	9,498	10,784	2,564	8,220
1967	65,803	23,308	613	3,248	19,447	42,495	4,268	13,606	3,689	9,917	3,185	10,045	11,391	2,719	8,672
1968	67,897	23,737	606	3,350	19,781	44,160	4,318	14,099	3,779	10,320	3,337	10,567	11,839	2,737	9,102
1969	70,384	24,361	619	3,575	20,167	46,023	4,442	14,705	3,907	10,798	3,512	11,169	12,195	2,758	9,437
1970	70,880	23,578	623	3,588	19,367	47,302	4,515	15,040	3,993	11,047	3,645	11,548	12,554	2,731	9,823
1971	71,214	22,935	609	3,704	18,623	48,278	4,476	15,352	4,001	11,351	3,772	11,797	12,881	2,696	10,185
1972	73,675	23,668	628	3,889	19,151	50,007	4,541	15,949	4,113	11,836	3,908	12,276	13,334	2,684	10,649
1973	76,790	24,893	642	4,097	20,154	51,897	4,656	16,607	4,277	12,329	4,046	12,857	13,732	2,663	11,068
1974	78,265	24,794	697	4,020	20,077	53,471	4,725	16,987	4,433	12,554	4,148	13,441	14,170	2,724	11,446
1975	76,945	22,600	752	3,525	18,323	54,345	4,542	17,060	4,415	12,645	4,165	13,892	14,686	2,748	11,937
1976	79,382	23,352	779	3,576	18,997	56,030	4,582	17,755	4,546	13,209	4,271	14,551	14,871	2,733	12,138
1977	82,471	24,346	813	3,851	19,682	58,125	4,713	18,516	4,708	13,808	4,467	15,303	15,127	2,727	12,399
1978	86,697	25,585	851	4,229	20,505	61,113	4,923	19,542	4,969	14,573	4,724	16,252	15,672	2,753	12,919
1979	89,823	26,461	958	4,463	21,040	63,363	5,136	20,192	5,204	14,989	4,975	17,112	15,947	2,773	13,174
1980	**90,564**	**25,718**	**1,020**	**4,399**	**20,300**	**64,847**	**5,143**	**20,386**	**5,281**	**15,104**	**5,168**	**17,301**	**16,249**	**2,866**	**13,383**
1981	91,543	25,672	1,104	4,307	20,251	65,871	5,151	20,738	5,343	15,395	5,331	18,598	16,054	2,772	13,282
Monthly data, seasonally adjusted															
1981:															
April	91,458	25,700	950	4,418	20,332	65,758	5,161	20,636	5,133	15,303	5,316	18,475	16,170	2,767	13,403
May	91,564	25,705	957	4,334	20,414	65,859	5,148	20,714	5,346	15,368	5,326	18,540	16,131	2,779	13,352
June	91,615	25,818	1,110	4,284	20,424	65,797	5,149	20,717	5,349	15,368	5,331	18,560	16,040	2,781	13,259
July	91,880	25,939	1,132	4,272	20,535	65,941	5,167	20,796	5,360	15,436	5,349	18,642	15,992	2,777	13,215
August	91,901	25,931	1,151	4,275	20,505	65,970	5,170	20,862	5,375	15,487	5,354	18,667	15,917	2,770	13,147
September	92,033	25,930	1,162	4,272	20,496	66,103	5,186	20,872	5,370	15,502	5,366	18,774	15,905	2,765	13,140
October	91,832	25,662	1,162	4,259	20,241	66,170	5,168	20,916	5,360	15,556	5,360	18,788	15,938	2,759	13,179
November	91,522	25,418	1,172	4,229	20,017	66,104	5,147	20,838	5,363	15,475	5,355	18,838	15,926	2,748	13,178
December	91,113	25,104	1,175	4,193	19,736	66,009	5,122	20,735	5,336	15,399	5,366	18,856	15,930	2,741	13,189
1982:															
January	90,879	24,801	1,166	4,085	19,550	66,078	5,124	20,849	5,321	15,528	5,361	18,845	15,899	2,742	13,157
February	91,019	24,836	1,165	4,165	19,506	66,183	5,105	20,934	5,321	15,613	5,366	18,893	15,885	2,739	13,146
March.P	90,760	24,609	1,159	4,110	19,340	66,151	5,088	20,892	5,305	15,587	5,377	18,887	15,907	2,729	13,178
April.P	90,593	24,435	1,151	4,026	19,258	66,158	5,100	20,853	5,301	15,552	5,371	18,952	15,882	2,717	13,165

[1] Data include Alaska and Hawaii beginning 1959. This inclusion has resulted in an increase of 212,000 (0.4 percent) in the nonagricultural total for the March 1959 benchmark month.

p = preliminary.

NOTE: Data from April 1980 forward are subject to revision when more recent benchmark data are introduced. See "Benchmark adjustment" in the Explanatory notes of this publication.

ESTABLISHMENT DATA
EMPLOYMENT

B-2. Employees on nonagricultural payrolls by industry

[In thousands]

1972 SIC Code	Industry	All employees					Production workers[1]				
		Mar. 1981	Apr. 1981	Feb. 1982	Mar. 1982P	Apr. 1982P	Mar. 1981	Apr. 1981	Feb. 1982	Mar. 1982P	Apr. 1982P
	TOTAL	90,720	91,337	89,945	90,194	90,451	-	-	-	-	-
	PRIVATE SECTOR	74,227	74,880	73,839	74,003	74,289	60,115	60,736	59,493	59,632	59,91
	MINING	1,084	941	1,145	1,144	1,141	800	682	833	832	82
10	METAL MINING	102.6	102.2	88.1	84.3	-	77.6	77.2	65.8	62.7	-
101	Iron ores	21.9	22.4	18.5	15.5	-	17.1	17.7	14.2	11.6	-
102	Copper ores	35.3	36.4	31.9	31.6	-	26.1	26.0	24.1	23.9	-
11, 12	COAL MINING	252.9	93.0	254.5	255.9	-	208.6	77.2	210.4	211.3	-
12	BITUMINOUS COAL AND LIGNITE MINING	249.5	89.5	251.1	252.6	-	205.6	74.1	207.4	208.3	-
13	OIL AND GAS EXTRACTION	615.1	626.9	700.5	699.3	-	428.1	436.1	482.2	479.7	-
131, 2	Crude petroleum, natural gas, and natural gas liquids	242.2	245.1	272.5	273.8	-	106.4	107.1	116.9	117.8	-
138	Oil and gas field services	372.9	381.8	428.0	425.2	-	321.7	329.0	365.3	361.9	-
14	NONMETALLIC MINERALS, EXCEPT FUELS	113.1	118.7	101.4	105.2	-	86.0	91.3	74.5	78.2	-
142	Crushed and broken stone	33.7	36.8	27.9	29.8	-	27.1	30.2	21.3	23.3	-
144	Sand and gravel	31.8	33.9	26.7	28.6	-	-	-	-	-	-
147	Chemical and fertilizer minerals	27.0	27.1	26.4	26.2	-	-	-	-	-	-
	CONSTRUCTION	4,048	4,246	3,703	3,769	3,869	3,107	3,299	2,769	2,835	2,93
15	GENERAL BUILDING CONTRACTORS	1,110.9	1,157.1	988.4	996.2	-	821.7	867.5	710.0	718.9	-
152	Residential building construction	540.0	579.1	483.5	488.2	-	382.4	420.4	330.0	334.9	-
153	Operative builders	50.5	61.3	49.1	48.9	-	32.8	32.8	24.2	24.2	-
154	Nonresidential building construction	510.4	516.7	455.8	459.1	-	406.5	414.3	355.8	359.8	-
16	HEAVY CONSTRUCTION CONTRACTORS	795.1	865.4	726.8	754.6	-	626.4	698.9	561.8	589.9	-
161	Highway and street construction	191.8	229.4	150.6	162.8	-	153.4	189.6	115.4	127.4	-
162	Heavy construction, except highway	603.3	636.0	576.2	591.8	-	473.0	505.3	446.0	462.5	-
17	SPECIAL TRADE CONTRACTORS	2,141.5	2,223.7	1,987.8	2,018.0	-	1,658.9	1,737.0	1,497.5	1,526.9	-
171	Plumbing, heating, air conditioning	532.8	536.8	514.1	539.3	-	394.3	397.8	372.0	367.5	-
172	Painting, paper hanging, decorating	121.6	133.4	114.0	116.5	-	98.0	109.2	90.6	92.5	-
173	Electrical work	404.3	407.0	394.6	395.9	-	309.4	311.8	299.0	300.4	-
174	Masonry, stonework, and plastering	351.2	359.3	309.6	317.1	-	299.1	307.0	255.5	262.2	-
175	Carpentering and flooring	119.1	128.3	107.3	109.1	-	87.6	96.8	75.5	77.8	-
176	Roofing and sheet metal work	152.9	162.9	136.8	143.3	-	120.3	129.8	103.0	109.3	-
	MANUFACTURING	20,160	20,253	19,413	19,315	19,182	14,049	14,127	13,243	13,168	13,01
24, 25, 32-39	DURABLE GOODS	12,123	12,197	11,536	11,482	11,384	8,345	8,412	7,729	7,686	7,5
20-23, 26-31	NONDURABLE GOODS	8,040	8,056	7,874	7,833	7,798	5,704	5,715	5,514	5,482	5,4
	DURABLE GOODS										
24	LUMBER AND WOOD PRODUCTS	678.3	686.9	610.3	609.8	613.5	563.8	571.6	498.8	497.9	502.
241	Logging camps and logging contractors	78.6	77.6	76.4	72.5	-	61.0	59.7	58.3	54.2	-
242	Sawmills and planing mills	207.6	211.3	186.4	187.8	-	183.0	186.7	163.3	164.9	-
2421	Sawmills and planing mills, general	172.2	175.6	155.8	157.0	-	152.4	155.8	137.2	138.5	-
2426	Hardwood dimension and flooring	30.8	31.1	26.8	26.9	-	26.5	26.9	22.8	22.9	-
243	Millwork, plywood, and structural members	205.9	207.2	176.8	177.0	-	173.0	171.5	142.4	141.7	-
2431	Millwork	71.4	72.0	62.1	61.6	-	57.3	58.1	48.1	47.5	-
2434	Wood kitchen cabinets	49.6	49.6	41.9	41.5	-	39.6	39.8	32.2	31.9	-
2435	Hardwood veneer and plywood	26.8	27.1	24.4	24.2	-	23.6	23.9	21.4	21.0	-
2436	Softwood veneer and plywood	42.6	42.8	36.6	37.4	-	37.9	38.1	32.4	32.4	-
244	Wood containers	42.4	42.7	40.0	39.9	-	36.4	36.6	33.7	33.7	-
245	Wood buildings and mobile homes	63.5	67.2	56.3	58.2	-	46.4	49.6	39.3	41.6	-
2451	Mobile homes	45.6	48.3	43.3	45.1	-	34.6	36.9	31.7	33.9	-
249	Miscellaneous wood products	80.3	80.9	76.4	74.5	-	67.0	67.5	61.9	61.8	-
25	FURNITURE AND FIXTURES	472.1	478.0	459.7	455.1	451.7	380.9	386.0	365.8	361.1	358
251	Household furniture	310.7	315.1	298.6	291.1	-	260.4	264.4	248.8	240.3	-
2511	Wood household furniture	141.3	142.6	133.4	131.0	-	122.4	123.8	115.0	112.8	-
2512	Upholstered household furniture	96.4	97.7	91.3	90.7	-	78.9	80.1	73.3	72.6	-
2514	Metal household furniture	30.7	31.5	30.2	29.8	-	25.1	26.0	24.3	23.9	-
2515	Mattresses and bedsprings	30.0	30.0	27.8	27.7	-	23.0	22.9	20.9	20.7	-
252	Office furniture	50.6	51.2	52.3	51.4	-	39.6	39.9	40.4	39.3	-
253	Public building and related furniture	23.7	23.8	25.3	25.3	-	17.7	17.6	18.9	19.0	-
254	Partitions and fixtures	59.9	60.5	59.5	59.1	-	44.5	45.2	43.6	43.2	-
259	Miscellaneous furniture and fixtures	27.2	27.4	28.0	28.2	-	19.7	19.9	19.1	19.3	-

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry – Continued

(In thousands)

1972 SIC Code	Industry	All employees					Production workers[1]				
		Mar. 1981	Apr. 1981	Feb. 1982	Mar. 1982P	Apr. 1982P	Mar. 1981	Apr. 1981	Feb. 1982	Mar. 1982P	Apr. 1982P
32	STONE, CLAY, AND GLASS PRODUCTS	639.5	652.6	584.5	588.6	593.7	490.1	503.0	439.1	443.6	448.1
321	Flat glass	19.1	19.3	15.7	16.0	-	14.6	14.9	11.9	12.3	-
322	Glass and glassware, pressed or blown	121.5	122.7	116.7	116.3	-	102.0	103.5	98.4	97.9	-
3221	Glass containers	66.8	68.0	64.9	64.4	-	58.1	59.6	56.9	56.5	-
3229	Pressed and blown glass, nec	54.7	54.7	51.8	51.9	-	43.9	43.9	41.5	41.4	-
323	Products of purchased glass	46.7	46.8	44.2	44.0	-	32.2	32.2	30.0	29.8	-
324	Cement, hydraulic	28.9	29.2	26.7	27.2	-	22.7	23.0	20.9	21.4	-
325	Structural clay products	42.4	44.0	35.9	35.4	-	31.7	33.2	25.9	25.7	-
326	Pottery and related products	44.8	44.3	40.3	41.0	-	36.8	36.4	32.5	33.1	-
327	Concrete, gypsum, and plaster products	185.9	195.4	160.2	164.6	-	143.5	150.1	117.5	121.7	-
3271	Concrete block and brick	19.1	20.2	16.6	16.9	-	13.0	14.1	10.6	11.0	-
3272	Concrete products, nec	61.2	63.1	55.0	55.0	-	45.0	46.9	39.7	40.5	-
3273	Ready-mixed concrete	85.4	91.9	69.9	73.0	-	66.1	72.6	52.2	55.2	-
329	Misc. nonmetallic mineral products	138.7	139.4	133.0	132.3	-	100.3	100.8	92.6	92.2	-
3291	Abrasive products	28.9	29.1	28.5	28.0	-	19.7	19.7	18.5	18.0	-
3292	Asbestos products	17.3	17.3	15.8	15.8	-	13.4	13.3	11.8	11.7	-
3296	Mineral wool	31.6	31.4	30.2	29.6	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES	1,141.3	1,149.9	1,025.0	1,013.8	998.6	880.9	889.7	770.6	762.1	759.5
331	Blast furnace and basic steel products	512.6	518.5	451.5	442.7	-	398.8	405.3	340.3	333.5	-
3312	Blast furnaces and steel mills	429.8	435.0	376.9	368.6	-	335.7	341.0	284.8	278.4	-
3317	Steel pipe and tubes	31.9	31.9	29.0	29.2	-	24.7	24.9	21.8	22.0	-
332	Iron and steel foundries	207.1	207.9	184.2	183.2	-	166.0	166.9	144.6	143.2	-
3321	Gray iron foundries	125.5	126.3	110.9	110.3	-	102.5	103.4	88.9	88.2	-
3322	Malleable iron foundries	15.6	15.8	13.8	13.5	-	12.0	12.3	10.1	10.1	-
3325	Steel foundries, nec	53.9	53.9	48.8	48.5	-	42.6	42.5	38.1	37.6	-
333	Primary nonferrous metals	71.8	71.8	65.7	64.2	-	54.1	54.1	48.0	46.8	-
3334	Primary aluminum	36.8	36.9	31.9	30.8	-	28.4	28.5	23.8	23.2	-
335	Nonferrous rolling and drawing	207.2	208.1	193.3	191.3	-	148.7	149.4	134.6	136.2	-
3351	Copper rolling and drawing	29.1	29.4	26.7	26.3	-	22.0	22.1	19.9	19.7	-
3353	Aluminum sheet, plate, and foil	34.7	34.6	29.4	30.1	-	26.5	26.6	22.4	23.1	-
3357	Nonferrous wire drawing and insulating	86.7	87.7	81.7	81.7	-	63.0	63.7	57.6	57.9	-
336	Nonferrous foundries	91.2	94.5	84.8	84.4	-	74.1	75.3	67.4	67.1	-
3361	Aluminum foundries	52.0	52.6	47.5	47.4	-	43.3	44.0	38.5	38.6	-
34	FABRICATED METAL PRODUCTS	1,585.4	1,593.7	1,499.5	1,483.9	1,466.8	1,172.0	1,178.1	1,080.8	1,072.4	1,063.2
341	Metal cans and shipping containers	71.7	72.4	68.4	69.4	-	60.4	61.2	57.8	57.8	-
3411	Metal cans	58.7	59.4	56.2	56.3	-	49.9	50.7	48.3	48.3	-
342	Cutlery, hand tools, and hardware	169.4	171.4	154.9	151.9	-	130.3	131.9	113.4	111.9	-
3423,5	Hand and edge tools, and hand saws and blades	58.9	59.8	55.1	54.2	-	45.1	46.9	41.3	40.7	-
3429	Hardware, nec	95.7	97.8	85.3	84.3	-	73.5	75.5	62.5	61.8	-
343	Plumbing and heating, except electric	67.4	67.2	66.7	66.1	-	48.4	49.1	46.4	45.8	-
3432	Plumbing fittings and brass goods	23.7	24.1	24.9	25.0	-	19.1	19.4	19.7	19.7	-
3433	Heating equipment, except electric	32.7	32.1	31.4	30.5	-	21.6	21.1	20.1	19.4	-
344	Fabricated structural metal products	497.9	498.4	468.3	462.9	-	339.3	339.1	312.5	307.6	-
3441	Fabricated structural metal	96.7	95.7	91.3	88.6	-	69.6	68.3	64.8	62.1	-
3442	Metal doors, sash, and trim	76.8	76.7	70.0	69.5	-	55.4	55.3	49.1	48.5	-
3443	Fabricated plate work (boiler shops)	149.1	148.9	140.4	139.1	-	99.5	99.3	83.2	82.3	-
3444	Sheet metal work	108.3	109.5	104.9	104.8	-	78.7	79.4	75.1	75.0	-
3446	Architectural metal work	32.9	32.1	30.1	30.0	-	22.6	22.8	20.9	20.8	-
345	Screw machine products, bolts, etc	134.4	134.3	96.3	95.0	-	80.5	80.3	73.0	71.9	-
3451	Screw machine products	49.1	49.2	46.4	46.1	-	39.9	40.0	36.8	36.5	-
3452	Bolts, nuts, rivets, and washers	55.3	55.1	49.9	48.9	-	40.6	40.3	36.2	35.4	-
346	Metal forgings and stampings	258.7	262.0	230.9	232.6	-	234.7	207.9	179.6	181.8	-
3462	Iron and steel forgings	45.1	45.1	40.2	39.1	-	35.0	35.0	30.8	29.7	-
3465	Automotive stampings	92.7	95.2	78.7	81.1	-	76.4	78.9	64.5	67.4	-
3469	Metal stampings, nec	138.2	139.0	130.2	130.6	-	83.4	84.1	75.2	75.7	-
347	Metal services, nec	132.3	133.2	99.9	99.6	-	82.0	83.0	79.5	79.1	-
3471	Plating and polishing	69.2	70.3	66.6	66.4	-	56.4	57.2	54.1	53.9	-
3479	Metal coating and allied services	32.9	33.2	33.3	33.2	-	25.6	25.8	25.4	25.2	-
348	Ordnance and accessories, nec	59.8	63.0	61.4	61.6	-	39.1	39.2	39.4	39.7	-
3483	Ammunition, exc. for small arms, nec	25.2	25.2	25.3	25.4	-	16.8	16.6	16.3	16.6	-
349	Misc. fabricated metal products	234.1	234.8	248.6	243.9	-	187.3	187.4	179.2	176.8	-
3494	Valves and pipe fittings	103.5	104.5	103.1	102.4	-	71.1	71.9	69.2	68.6	-
3496	Misc. fabricated wire products	55.4	55.5	54.1	53.7	-	43.2	43.1	41.2	40.7	-
35	MACHINERY, EXCEPT ELECTRICAL	2,508.3	2,506.1	2,457.7	2,429.1	2,393.6	1,536.9	1,596.9	1,528.3	1,503.0	1,472.9
351	Engines and turbines	131.4	130.5	127.6	123.5	-	84.9	83.9	81.7	77.6	-
3511	Turbines and turbine generator sets	41.6	41.4	39.7	40.0	-	22.3	22.1	21.3	21.1	-
3519	Internal combustion engines, nec	89.8	89.1	87.9	83.5	-	62.6	61.8	60.4	56.5	-
352	Farm and garden machinery	173.1	171.7	157.9	141.9	-	117.0	115.1	105.7	91.9	-
3523	Farm machinery and equipment	148.4	148.0	130.9	115.0	-	99.0	98.9	85.2	71.9	-
353	Construction and related machinery	393.4	395.0	400.0	394.9	-	258.8	259.7	257.9	253.5	-
3531	Construction machinery	144.9	145.9	141.2	138.9	-	97.3	97.9	89.9	87.8	-

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry—Continued

[In thousands]

1972 SIC Code	Industry	All employees					Production workers[1]				
		Mar. 1981	Apr. 1981	Feb. 1982	Mar. 1982P	Apr. 1982P	Mar. 1981	Apr. 1981	Feb. 1982	Mar. 1982P	Ap 198
	MACHINERY, EXCEPT ELECTRICAL—Continued										
3532	Mining machinery	38.7	38.1	36.4	36.0	-	24.1	23.9	22.5	22.2	
3533	Oil field machinery	134.3	135.7	118.6	118.6	-	72.1	73.2	63.3	63.1	
3535	Conveyors and conveying equipment	33.9	33.6	33.4	33.2	-	19.2	19.0	18.2	18.0	
3537	Industrial trucks and tractors	36.4	35.9	34.5	33.2	-	24.4	23.9	21.9	20.8	
354	Metalworking machinery	361.1	360.8	345.1	340.7	-	262.2	261.6	249.0	249.2	
3541	Machine tools, metal cutting types	80.3	80.0	72.7	71.6	-	52.5	52.3	45.7	44.5	
3542	Machine tools, metal forming types	26.0	25.7	24.6	24.2	-	16.4	16.2	15.3	15.0	
3544	Special dies, tools, jigs, and fixtures	134.2	135.1	130.7	130.0	-	107.4	108.1	102.3	101.6	
3545	Machine tool accessories	68.0	68.5	66.9	65.6	-	48.0	48.3	45.9	45.1	
3546	Power driven hand tools	30.3	28.9	26.8	26.2	-	23.2	22.1	19.7	19.2	
355	Special industry machinery	206.1	205.6	191.5	193.5	-	130.4	129.9	118.8	117.4	
3551	Food products machinery	45.6	45.0	42.5	42.5	-	29.2	28.7	27.1	27.0	
3552	Textile machinery	25.6	25.4	22.5	22.8	-	17.8	17.7	15.4	15.4	
3555	Printing trades machinery	42.5	42.7	42.7	42.2	-	26.2	25.4	26.2	25.6	
356	General industrial machinery	315.9	315.3	300.2	296.3	-	234.1	234.5	190.8	187.7	
3561	Pumps and pumping equipment	62.0	62.4	61.5	61.1	-	36.0	36.5	35.8	35.6	
3562	Ball and roller bearings	57.2	57.3	50.8	50.2	-	40.5	40.6	38.4	37.9	
3563	Air and gas compressors	30.3	30.2	29.6	29.2	-	18.2	18.0	16.8	16.5	
3564	Blowers and fans	40.6	40.7	38.2	38.1	-	25.9	25.9	23.5	23.6	
3566	Speed changers, drives, and gears	26.4	26.7	24.9	24.3	-	17.4	17.7	16.2	15.8	
3568	Power transmission equipment, nec	21.5	21.8	21.2	20.7	-	15.2	15.4	14.9	14.5	
357	Office and computing machines	442.8	443.9	468.0	471.2	-	182.8	182.6	198.3	190.6	
3573	Electronic computing equipment	363.5	364.7	392.3	395.9	-	139.8	139.8	149.3	152.0	
358	Refrigeration and service machinery	181.2	181.6	175.2	174.4	-	125.7	127.0	120.7	119.6	
3585	Refrigeration and heating equipment	124.8	125.1	117.8	117.6	-	87.5	88.5	82.1	81.5	
359	Misc. machinery, except electrical	300.2	301.7	292.2	295.6	-	230.9	231.6	220.8	224.5	
3592	Carburetors, pistons, rings, valves	41.5	42.4	34.5	39.9	-	33.9	34.8	25.9	31.2	
3599	Machinery, except electrical, nec	258.7	259.3	257.7	255.9	-	197.0	196.8	194.9	193.3	
36	**ELECTRIC AND ELECTRONIC EQUIPMENT**	2,119.5	2,129.7	2,088.1	2,078.8	2,071.9	1,337.0	1,343.7	1,282.9	1,273.3	1,2
361	Electric distributing equipment	120.3	120.9	115.2	112.9	-	85.1	85.7	81.2	79.4	
3612	Transformers	51.8	52.0	50.2	49.7	-	36.7	36.8	35.8	35.6	
3613	Switchgear and switchboard apparatus	68.5	68.9	65.0	63.2	-	48.4	49.1	45.4	43.8	
362	Electrical industrial apparatus	247.9	239.4	226.3	222.6	-	159.3	170.6	158.9	155.5	
3621	Motors and generators	122.2	123.3	115.2	113.3	-	94.0	94.8	87.7	85.8	
3622	Industrial controls	70.2	70.3	67.5	66.6	-	43.5	43.6	40.8	39.6	
363	Household appliances	159.9	170.1	149.9	148.3	-	136.5	136.1	118.7	108.8	
3632	Household refrigerators and freezers	39.1	39.0	33.3	32.0	-	32.6	32.2	26.4	25.1	
3633	Household laundry equipment	20.6	20.9	19.3	18.9	-	16.2	16.5	14.6	14.3	
3634	Electric housewares and fans	51.5	51.4	45.6	46.9	-	41.5	41.2	38.6	36.0	
364	Electric lighting and wiring equipment	209.9	211.5	204.4	202.4	-	156.0	157.3	149.0	147.3	
3641	Electric lamps	34.8	34.4	35.4	35.2	-	30.7	30.2	31.5	31.3	
3643	Current carrying wiring devices	88.3	89.2	87.9	86.5	-	60.6	61.4	58.3	57.2	
3644	Noncurrent carrying wiring devices	23.1	23.3	21.7	21.4	-	16.8	17.0	15.5	15.2	
3645	Residential lighting fixtures	25.9	26.4	23.4	23.5	-	19.8	20.2	17.4	17.5	
365	Radio and TV receiving equipment	108.7	107.9	130.7	130.9	-	77.2	76.7	68.7	68.5	
3651	Radio and TV receiving sets	86.7	85.9	81.1	80.7	-	60.0	59.3	54.2	53.7	
366	Communication equipment	541.7	542.0	548.6	550.0	-	263.1	263.1	260.8	261.0	
3661	Telephone and telegraph apparatus	156.6	156.1	145.6	144.9	-	104.4	104.0	96.2	95.1	
3662	Radio and TV communication equipment	385.1	385.9	403.0	405.1	-	158.7	159.1	164.6	165.9	
367	Electronic components and accessories	566.0	571.0	580.6	581.5	-	330.3	333.1	334.7	335.6	
3671-3	Electronic tubes	43.5	43.7	43.0	42.4	-	26.9	27.0	26.0	25.7	
3674	Semiconductors and related devices	234.1	237.1	236.6	236.6	-	97.6	98.9	98.0	95.4	
3679	Electronic components, nec	217.3	218.3	229.1	229.9	-	151.1	152.0	157.8	158.9	
369	Misc. electrical equipment and supplies	165.2	166.9	162.4	161.2	-	119.5	121.1	118.8	118.2	
3691	Storage batteries	31.1	31.1	33.8	32.7	-	23.9	24.1	26.0	25.3	
3694	Engine electrical equipment	79.3	80.3	72.1	73.1	-	60.6	61.7	54.0	55.0	
37	**TRANSPORTATION EQUIPMENT**	1,860.4	1,874.3	1,712.6	1,723.8	1,696.8	1,202.7	1,216.3	1,063.6	1,076.0	1,0
371	Motor vehicles and equipment	734.4	749.9	636.4	657.3	-	548.7	565.0	468.9	485.7	
3711	Motor vehicles and car bodies	322.4	331.1	261.2	282.7	-	228.9	237.6	179.4	200.1	
3713	Truck and bus bodies	34.1	34.4	30.8	30.5	-	25.3	25.7	23.2	23.0	
3714	Motor vehicle parts and accessories	345.3	351.2	339.5	339.8	-	269.9	276.3	236.7	237.3	
3715	Truck trailers	26.8	27.5	29.2	28.3	-	20.4	21.1	21.3	20.8	
372	Aircraft and parts	554.5	562.2	638.3	634.3	-	355.6	354.2	330.0	329.9	
3721	Aircraft	363.6	363.2	351.6	348.5	-	177.2	178.0	163.7	160.1	
3724	Aircraft engines and engine parts	162.5	160.7	150.7	149.7	-	93.0	91.3	87.2	86.0	
3728	Aircraft equipment, nec	138.4	138.3	136.0	135.8	-	85.4	84.9	79.1	78.8	
373	Ship and boat building and repairing	228.9	229.7	215.0	209.9	-	192.5	192.7	164.9	160.8	
3731	Ship building and repairing	180.9	180.5	169.0	164.0	-	142.4	141.8	127.1	123.0	
3732	Boat building and repairing	48.3	49.2	46.0	45.9	-	40.1	40.9	37.8	37.8	
374	Railroad equipment	53.4	52.4	39.3	39.2	-	37.7	35.6	25.2	24.4	
376	Guided missiles, space vehicles, parts	116.8	117.3	122.8	124.9	-	35.2	35.1	37.0	37.7	
3761	Guided missiles and space vehicles	93.6	94.0	99.9	100.0	-	26.6	26.5	28.1	28.5	

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry—Continued

(In thousands)

1972 SIC Code	Industry	All employees					Production workers[1]				
		Mar. 1981	Apr. 1981	Feb. 1982	Mar. 1982P	Apr. 1982P	Mar. 1981	Apr. 1981	Feb. 1982	Mar. 1982P	Apr. 1982P
	TRANSPORTATION EQUIPMENT—Continued										
379	Miscellaneous transportation equipment	40.6	40.3	41.2	41.7	-	27.0	25.9	27.5	28.4	-
3792	Travel trailers and campers	19.2	20.1	19.3	19.7	-	15.0	15.7	14.6	15.2	-
38	**INSTRUMENTS AND RELATED PRODUCTS**	712.1	714.4	707.3	706.1	703.9	421.0	422.6	411.3	410.2	405.8
381	Engineering and scientific instruments	78.2	78.1	77.3	77.3	-	38.0	37.9	36.6	36.6	-
382	Measuring and controlling devices	243.4	245.7	240.0	238.0	-	151.9	153.7	148.8	147.1	-
3822	Environmental controls	47.9	47.9	42.9	42.2	-	33.0	33.0	28.3	28.1	-
3823	Process control instruments	55.2	55.5	56.0	56.1	-	29.1	29.3	29.0	29.3	-
3825	Instruments to measure electricity	103.8	104.2	105.0	104.7	-	64.5	64.7	66.7	65.6	-
383	Optical instruments and lenses	33.5	33.3	32.5	32.6	-	17.9	18.2	17.3	17.8	-
384	Medical instruments and supplies	159.0	158.4	161.4	161.4	-	101.5	100.2	101.4	101.0	-
3841	Surgical and medical instruments	73.2	73.7	75.9	75.8	-	45.6	45.2	45.3	45.1	-
3842	Surgical appliances and supplies	68.3	67.4	69.0	69.3	-	44.9	44.2	46.1	46.0	-
385	Ophthalmic goods	42.5	42.8	37.9	37.7	-	29.9	30.2	26.7	26.7	-
386	Photographic equipment and supplies	136.1	136.9	140.9	142.0	-	67.6	68.4	68.4	68.9	-
387	Watches, clocks, and watchcases	19.4	19.2	17.3	17.1	-	14.2	14.0	12.1	12.1	-
39	**MISCELLANEOUS MANUFACTURING INDUSTRIES**	406.7	411.3	396.5	397.2	393.2	300.6	304.1	287.8	288.9	285.2
391	Jewelry, silverware, and plated ware	54.4	54.8	56.5	56.2	-	38.7	39.2	39.8	39.6	-
3911	Jewelry, precious metal	35.2	35.8	36.0	35.7	-	24.7	25.2	25.2	25.0	-
393	Musical instruments	22.2	22.3	21.4	20.8	-	18.0	18.1	16.9	16.4	-
394	Toys and sporting goods	110.3	113.6	104.2	106.6	-	81.5	84.4	76.6	78.8	-
3942, 4	Dolls, games, toys, and children's vehicles	55.1	57.0	50.1	52.0	-	39.2	40.7	34.6	36.3	-
3949	Sporting and athletic goods, nec	55.2	56.6	54.1	54.6	-	42.3	43.7	42.0	42.5	-
395	Pens, pencils, office and art supplies	38.0	38.3	39.1	39.2	-	26.8	27.0	27.3	27.3	-
396	Costume jewelry and notions	47.8	48.1	43.4	42.6	-	37.1	37.0	32.8	32.3	-
3961	Costume jewelry	23.2	23.2	21.9	21.8	-	17.7	17.6	16.8	16.7	-
399	Miscellaneous manufactures	134.0	134.2	131.9	131.8	-	98.5	98.4	94.4	94.5	-
3993	Signs and advertising displays	48.0	47.8	47.7	47.7	-	34.9	34.4	34.0	34.2	-
	NONDURABLE GOODS										
20	**FOOD AND KINDRED PRODUCTS**	1,632.5	1,631.0	1,613.1	1,608.4	1,591.9	1,104.3	1,103.4	1,091.0	1,087.4	1,069.2
201	Meat products	346.9	346.5	337.1	336.0	-	288.3	288.2	280.6	280.2	-
2011	Meat packing plants	157.3	157.0	152.9	151.0	-	129.0	128.8	126.1	124.5	-
2013	Sausages and other prepared meats	67.7	68.2	67.1	67.0	-	49.9	50.6	49.5	49.5	-
2016	Poultry dressing plants	108.3	108.2	104.5	105.7	-	97.8	97.6	94.2	95.6	-
202	Dairy products	171.6	172.5	168.1	168.0	-	94.2	94.8	92.4	92.6	-
2022	Cheese, natural and processed	35.5	35.8	33.9	33.8	-	27.3	27.5	25.6	25.5	-
2026	Fluid milk	99.5	99.5	96.7	96.4	-	44.4	44.5	43.2	43.3	-
203	Preserved fruits and vegetables	214.8	211.2	199.1	200.2	-	170.4	167.4	159.8	160.6	-
2032	Canned specialties	25.1	24.2	25.4	24.3	-	18.2	17.3	18.9	17.7	-
2033	Canned fruits and vegetables	73.7	71.3	63.3	64.4	-	57.3	54.6	48.8	49.6	-
2037	Frozen fruits and vegetables	42.4	42.8	39.4	40.7	-	36.2	36.9	34.1	35.2	-
204	Grain mill products	141.9	139.7	141.5	141.2	-	98.1	96.5	96.4	95.2	-
2041	Flour and other grain mill products	27.5	26.7	27.8	27.8	-	17.1	16.9	16.8	16.6	-
2048	Prepared feeds, nec	56.1	55.2	55.1	54.5	-	36.7	35.8	35.6	35.0	-
205	Bakery products	220.8	221.1	219.1	218.6	-	127.2	127.1	126.7	126.6	-
2051	Bread, cake, and related products	178.9	179.9	177.5	177.5	-	98.4	98.8	98.1	98.0	-
2052	Cookies and crackers	41.9	41.2	41.6	41.1	-	32.8	32.3	32.6	32.6	-
206	Sugar and confectionery products	102.9	102.9	112.7	107.5	-	76.4	76.1	87.0	82.0	-
2061,3	Cane and beet sugar	27.8	27.8	32.5	29.6	-	19.4	19.6	24.9	22.2	-
2065	Confectionery products	54.8	54.9	59.5	57.6	-	43.4	43.0	48.2	46.4	-
207	Fats and oils	43.9	43.4	45.3	45.2	-	32.6	32.1	34.1	33.9	-
208	Beverages	231.6	232.9	232.4	232.0	-	101.5	102.9	97.1	97.6	-
2082	Malt beverages	50.2	50.9	48.6	48.2	-	32.8	33.7	30.9	30.9	-
2086	Bottled and canned soft drinks	137.3	138.0	140.9	141.4	-	45.0	45.6	44.9	45.5	-
209	Misc. foods and kindred products	156.1	160.8	157.8	159.7	-	115.6	118.3	116.9	118.7	-
21	**TOBACCO MANUFACTURES**	68.3	66.2	68.8	65.4	63.0	52.4	50.2	53.6	50.4	48.0
211	Cigarettes	47.5	47.0	46.9	46.3	-	35.9	35.5	36.0	35.4	-
22	**TEXTILE MILL PRODUCTS**	840.9	841.6	795.1	777.2	795.1	729.5	729.3	682.7	665.5	674.7
221	Weaving mills, cotton	144.2	142.0	135.9	129.3	-	128.9	126.6	120.3	114.1	-
222	Weaving mills, synthetics	118.8	118.1	111.6	106.2	-	106.5	105.8	99.4	93.8	-
223	Weaving and finishing mills, wool	19.0	19.3	18.4	18.1	-	15.6	15.9	15.4	15.2	-
224	Narrow fabric mills	23.8	24.0	21.2	23.3	-	20.8	21.2	20.2	20.2	-
225	Knitting mills	217.3	220.3	202.7	202.3	-	188.1	190.6	173.8	173.1	-
2251	Women's hosiery, except socks	28.4	28.5	28.6	28.5	-	25.4	25.5	25.6	25.5	-
2252	Hosiery, nec	33.9	34.2	33.2	33.3	-	30.8	31.1	30.2	30.1	-
2253	Knit outerwear mills	68.7	70.8	64.7	64.9	-	58.4	60.1	54.0	54.2	-
2254	Knit underwear mills	31.4	31.4	28.5	28.1	-	27.3	27.3	24.3	23.8	-

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry — Continued

[In thousands]

1972 SIC Code	Industry	All employees					Production workers[1]				
		Mar. 1981	Apr. 1981	Feb. 1982	Mar. 1982[p]	Apr. 1982[p]	Mar. 1981	Apr. 1981	Feb. 1982	Mar. 1982[p]	Apr. 1982[p]
	TEXTILE MILL PRODUCTS—Continued										
2257	Circular knit fabric mills	32.0	32.1	26.2	26.4	-	27.2	27.2	21.9	22.1	-
226	Textile finishing, except wool	72.4	72.3	68.8	68.8	-	60.8	60.3	56.7	56.7	-
2261	Finishing plants, cotton	27.9	27.7	27.2	27.3	-	23.1	22.8	22.1	22.2	-
2262	Finishing plants, synthetics	29.2	29.3	27.7	27.2	-	24.7	24.7	23.0	22.6	-
227	Floor covering mills	52.5	52.4	49.2	48.6	-	42.3	42.3	39.1	38.5	-
228	Yarn and thread mills	125.8	125.6	121.2	117.5	-	113.4	113.3	108.1	104.4	-
2281	Yarn mills, except wool	84.6	84.7	81.7	80.5	-	77.7	77.7	73.9	72.8	-
2282	Throwing and winding mills	20.4	20.1	18.8	18.7	-	18.0	17.8	16.5	16.3	-
229	Miscellaneous textile goods	67.1	67.6	64.1	63.1	-	53.1	53.3	49.7	49.5	-
23	**APPAREL AND OTHER TEXTILE PRODUCTS**	1,250.2	1,255.2	1,208.5	1,199.3	1,181.4	1,066.9	1,069.5	1,023.8	1,017.9	1,003.0
231	Men's and boys' suits and coats	76.3	76.8	79.0	78.2	-	66.8	67.2	68.8	68.1	-
232	Men's and boys' furnishings	345.2	350.5	337.1	332.3	-	294.7	299.5	286.9	282.7	-
2321	Men's and boys' shirts and nightwear	95.0	96.4	93.3	92.1	-	81.5	82.9	80.5	79.4	-
2327	Men's and boys' separate trousers	73.1	73.6	72.8	71.4	-	63.9	64.3	63.8	62.1	-
2328	Men's and boys' work clothing	98.5	101.3	97.9	95.7	-	82.4	84.7	81.1	79.3	-
233	Women's and misses' outerwear	416.6	414.9	397.4	394.9	-	358.1	355.6	340.5	339.3	-
2331	Women's and misses' blouses and waists	62.2	62.0	59.2	58.7	-	54.4	54.3	51.2	50.7	-
2335	Women's and misses' dresses	143.9	141.9	135.6	137.3	-	127.4	126.9	118.3	120.9	-
2337	Women's and misses' suits and coats	60.2	58.4	56.8	54.3	-	51.4	49.5	48.2	45.9	-
2339	Women's and misses' outerwear, nec	150.3	152.6	145.8	144.6	-	124.9	126.9	122.8	121.8	-
234	Women's and children's undergarments	87.4	88.1	87.1	86.5	-	74.5	75.2	74.2	73.8	-
2341	Women's and children's underwear	69.7	70.5	69.7	69.3	-	60.6	61.4	61.0	60.7	-
2342	Brassieres and allied garments	17.7	17.6	17.4	17.2	-	13.9	13.8	13.2	13.1	-
238	Children's outerwear	65.4	64.4	64.0	63.1	-	55.7	54.8	54.2	53.4	-
2361	Children's dresses and blouses	28.3	27.4	28.3	27.5	-	25.4	24.6	25.3	24.5	-
238	Misc. apparel and accessories	55.0	55.2	51.5	51.0	-	46.9	46.9	43.0	42.7	-
239	Misc. fabricated textile products	183.0	183.5	172.4	173.1	-	151.6	151.5	139.3	141.2	-
2391	Curtains and draperies	27.0	27.4	27.1	26.5	-	22.4	22.8	22.3	21.8	-
2392	House furnishings, nec	49.1	48.9	48.1	47.7	-	40.3	40.4	39.9	39.5	-
2396	Automotive and apparel trimmings	36.2	36.0	28.4	29.7	-	31.3	30.6	21.7	23.9	-
26	**PAPER AND ALLIED PRODUCTS**	688.6	690.9	671.4	671.0	667.1	518.5	520.0	500.5	500.9	499.0
261, 2, 8	Paper and pulp mills	202.4	203.1	196.8	196.4	-	152.0	152.4	147.2	147.1	-
262	Paper mills, except building paper	175.0	175.6	171.7	171.3	-	130.2	130.7	126.9	126.8	-
263	Paperboard mills	64.6	64.5	62.7	62.7	-	50.5	50.5	48.8	48.5	-
264	Misc. converted paper products	219.2	220.2	216.6	217.0	-	161.5	162.2	157.6	158.1	-
2641	Paper coating and glazing	36.1	36.5	36.2	36.0	-	35.8	36.1	35.2	34.9	-
2642	Envelopes	25.8	25.8	25.5	25.4	-	20.2	20.2	19.8	19.8	-
2643	Bags, except textile bags	50.2	50.1	50.6	50.6	-	39.3	39.2	39.4	39.2	-
265	Paperboard containers and boxes	202.4	203.1	195.3	194.9	-	154.5	154.9	146.9	147.2	-
2651	Folding paperboard boxes	41.2	41.9	42.0	42.0	-	32.1	32.6	32.5	32.7	-
2653	Corrugated and solid fiber boxes	105.3	105.2	100.6	100.1	-	77.4	77.0	73.2	72.9	-
2654	Sanitary food containers	26.2	26.3	24.9	25.2	-	21.4	21.6	19.7	20.1	-
27	**PRINTING AND PUBLISHING**	1,278.2	1,280.4	1,304.6	1,306.9	1,305.3	710.3	711.1	717.1	720.0	718.1
271	Newspapers	426.8	426.8	438.1	437.2	-	163.9	163.6	166.0	165.8	-
272	Periodicals	91.3	90.8	96.0	96.1	-	17.9	17.6	20.0	20.4	-
273	Books	102.7	103.6	102.1	103.0	-	54.2	54.6	52.3	53.4	-
2731	Book publishing	72.7	73.3	72.5	73.2	-	29.1	29.3	27.9	29.0	-
2732	Book printing	30.0	30.3	29.6	29.8	-	25.1	25.3	24.4	24.4	-
274	Miscellaneous publishing	50.7	50.7	51.1	51.6	-	27.4	26.9	28.1	27.8	-
275	Commercial printing	428.8	430.4	437.0	438.6	-	316.7	317.6	319.8	321.6	-
2751	Commercial printing, letterpress	189.1	189.9	189.5	188.7	-	125.2	125.9	124.9	124.2	-
2752	Commercial printing, lithographic	236.6	237.2	243.9	246.4	-	172.5	172.5	176.2	178.6	-
276	Manifold business forms	48.4	48.2	48.8	48.8	-	33.6	33.4	34.0	33.9	-
278	Blankbooks and bookbinding	60.9	61.1	60.8	61.1	-	49.6	50.1	49.2	49.7	-
279	Printing trade services	44.8	44.9	45.5	45.5	-	33.1	33.3	33.4	33.3	-
28	**CHEMICALS AND ALLIED PRODUCTS**	1,106.8	1,106.2	1,086.5	1,087.1	1,081.3	627.3	628.7	604.7	605.2	604.1
281	Industrial inorganic chemicals	163.3	163.3	160.9	160.4	-	89.3	89.6	86.3	85.4	-
2819	Industrial inorganic chemicals, nec	107.5	107.7	105.1	106.5	-	58.7	58.9	56.0	55.3	-
282	Plastics materials and synthetics	201.3	200.7	193.0	192.3	-	133.0	132.9	124.7	124.3	-
2821	Plastics materials and resins	79.4	79.7	77.6	77.1	-	46.3	46.8	44.9	44.8	-
2824	Organic fibers, noncellulosic	94.5	94.4	90.3	93.4	-	66.7	66.6	62.7	62.7	-
283	Drugs	199.3	199.4	200.7	200.4	-	98.6	98.9	98.9	98.6	-
2834	Pharmaceutical preparations	157.4	157.3	157.8	157.5	-	76.3	76.5	76.2	76.2	-
284	Soap, cleaners, and toilet goods	140.7	137.6	136.3	137.2	-	87.5	85.8	83.9	85.3	-
2841	Soap and other detergents	41.2	40.0	39.7	39.8	-	26.9	26.2	25.7	26.0	-
2844	Toilet preparations	57.4	56.1	56.9	56.0	-	38.3	37.1	36.0	37.1	-
2842, 3	Polishing, sanitation, and finishing preparations	42.1	41.7	41.[illegible]	41.4	-	22.6	22.5	22.2	22.2	-
285	Paints and allied products	64.3	64.5	6[illegible]	61.0	-	31.7	32.0	29.5	29.2	-
286	Industrial organic chemicals	169.0	170.5	169.[illegible]	169.4	-	85.0	86.7	84.2	83.9	-

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry — Continued

(In thousands)

1972 SIC Code	Industry	All employees					Production workers[1]				
		Mar. 1981	Apr. 1981	Feb. 1982	Mar. 1982P	Apr. 1982P	Mar. 1981	Apr. 1981	Feb. 1982	Mar. 1982P	Apr. 1982P
	CHEMICALS AND ALLIED PRODUCTS—Cont'd										
2865	Cyclic crudes and intermediates	34.8	35.2	34.2	33.9	-	21.0	21.5	21.0	20.7	-
2861-9	Gum, wood, and industrial organic chemicals, nec	135.0	135.3	134.5	134.5	-	64.6	65.2	63.2	63.2	-
287	Agricultural chemicals	73.8	75.1	71.8	72.8	-	46.8	48.0	44.4	45.3	-
289	Miscellaneous chemical products	94.9	94.9	94.0	94.9	-	54.6	54.8	52.8	53.2	-
29	**PETROLEUM AND COAL PRODUCTS**	207.3	209.5	197.5	198.4	199.2	130.8	132.6	116.7	117.1	119.9
291	Petroleum refining	167.7	168.1	164.1	164.0	-	102.6	102.8	98.8	99.1	-
295	Paving and roofing materials	27.9	28.8	21.6	22.4	-	20.3	21.8	18.7	15.8	-
30	**RUBBER AND MISC. PLASTICS PRODUCTS**	737.2	743.5	715.8	708.5	709.6	569.4	574.4	546.5	541.1	543.2
301	Tires and inner tubes	121.9	121.8	121.3	113.7	-	86.4	86.2	85.6	80.2	-
302	Rubber and plastics footwear	20.1	20.3	18.1	19.7	-	17.8	19.0	15.6	17.1	-
303.4	Reclaimed rubber, and rubber and plastics hose and belting	23.1	23.6	21.0	20.5	-	16.1	16.6	14.6	14.4	-
306	Fabricated rubber products, nec	105.2	106.0	99.4	98.6	-	81.9	82.7	75.6	74.7	-
307	Miscellaneous plastics products	466.9	471.8	455.0	456.0	-	367.2	370.9	355.1	354.7	-
31	**LEATHER AND LEATHER PRODUCTS**	230.4	231.7	212.2	210.5	213.3	194.1	195.6	177.4	176.9	179.3
311	Leather tanning and finishing	19.7	20.1	17.8	18.0	-	16.5	17.0	14.6	14.8	-
314	Footwear, except rubber	142.2	142.5	129.8	129.4	-	121.4	122.0	110.6	110.7	-
3143	Men's footwear, except athletic	56.7	57.1	52.6	52.8	-	48.3	48.9	43.8	44.2	-
3144	Women's footwear, except athletic	52.1	51.6	46.0	44.7	-	44.4	43.9	39.7	38.5	-
316	Luggage	15.6	15.7	14.1	13.7	-	11.9	12.0	10.8	10.7	-
317	Handbags and personal leather goods	28.8	29.0	26.9	26.6	-	24.1	24.1	21.7	21.7	-
	TRANSPORTATION AND PUBLIC UTILITIES	5,095	5,120	5,049	5,047	5,059	4,227	4,252	4,157	4,150	4,163
40	**RAILROAD TRANSPORTATION**	510.6	515.2	452.8	447.7	-	-	-	-	-	-
4011	Class I railroads[2]	459.5	465.2	407.0	401.9	-	-	-	-	-	-
41	**LOCAL AND INTERURBAN PASSENGER TRANSIT**	276.7	275.3	288.6	293.6	-	256.7	255.4	268.4	270.2	-
411	Local and suburban transportation	83.0	83.3	84.8	84.7	-	76.1	76.3	77.3	77.3	-
412	Taxicabs	52.4	50.9	50.8	50.7	-	-	-	-	-	-
413	Intercity highway transportation	37.7	38.3	35.7	36.5	-	34.5	35.3	32.7	33.2	-
415	School buses	89.4	88.1	103.1	104.2	-	-	-	-	-	-
42	**TRUCKING AND WAREHOUSING**	1,219.6	1,226.1	1,180.0	1,182.2	-	1,061.5	1,067.3	1,022.3	1,024.1	-
421,3	Trucking and trucking terminals	1,138.3	1,146.1	1,099.9	1,103.1	-	993.3	1,000.3	955.1	957.8	-
422	Public warehousing	81.3	80.0	80.1	79.1	-	68.2	67.0	67.2	66.3	-
44	**WATER TRANSPORTATION**	201.4	209.5	188.5	188.6	-	-	-	-	-	-
45	**TRANSPORTATION BY AIR**	456.5	458.4	446.9	442.6	-	-	-	-	-	-
451,2	Air transportation	406.9	408.4	395.8	391.0	-	-	-	-	-	-
46	**PIPE LINES, EXCEPT NATURAL GAS**	21.5	21.6	22.4	22.5	-	15.1	15.1	15.2	15.2	-
47	**TRANSPORTATION SERVICES**	200.1	199.1	212.1	215.7	-	-	-	-	-	-
48	**COMMUNICATION**	1,355.0	1,358.0	1,383.0	1,379.8	-	1,012.9	1,014.7	1,029.2	1,028.1	-
481	Telephone communication	1,065.2	1,066.2	1,076.5	1,072.0	-	776.4	776.6	777.0	773.8	-
483	Radio and television broadcasting	199.2	200.5	207.1	207.5	-	160.0	161.3	168.6	169.6	-
49	**ELECTRIC, GAS, AND SANITARY SERVICES**	853.4	856.7	875.1	877.2	-	695.7	699.3	713.3	714.2	-
491	Electric services	406.2	407.6	416.9	417.5	-	329.3	330.4	335.8	336.2	-
492	Gas production and distribution	170.9	171.6	176.7	176.8	-	139.1	139.8	141.9	142.0	-
493	Combination utility services	205.1	205.8	208.1	208.5	-	166.0	167.3	172.4	172.5	-
495	Sanitary services	48.1	48.2	50.6	51.2	-	42.2	42.3	44.7	45.0	-
	WHOLESALE AND RETAIL TRADE	20,290	20,513	20,538	20,590	23,537	17,710	17,935	17,930	17,972	18,075
50,51	**WHOLESALE TRADE**	5,293	5,317	5,284	5,284	5,285	4,310	4,329	4,275	4,276	4,278
50	**WHOLESALE TRADE - DURABLE GOODS**	3,144	3,165	3,155	3,153	-	2,556	2,572	2,561	2,563	-
501	Motor vehicles and automotive equipment	413.2	415.1	416.2	417.8	-	332.2	333.7	334.5	335.6	-
502	Furniture and home furnishing	118.1	118.6	123.2	122.9	-	96.4	96.7	101.3	101.0	-
503	Lumber and construction materials	190.5	193.9	179.3	179.0	-	156.6	159.7	145.9	145.6	-
504	Sporting goods, toys, and hobby goods	73.5	73.9	74.5	74.5	-	58.8	59.2	59.0	59.3	-
505	Metals and minerals, except petroleum	154.1	154.6	150.4	149.2	-	123.7	124.2	119.7	118.8	-
506	Electrical goods	418.9	419.8	425.8	425.1	-	338.0	338.3	342.3	341.6	-
507	Hardware, plumbing, and heating equipment	242.5	244.1	240.6	239.3	-	198.3	199.8	194.9	193.6	-

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry—Continued

[In thousands]

1972 SIC Code	Industry	All employees					Production workers[1]				
		Mar. 1981	Apr. 1981	Feb. 1982	Mar. 1982P	Apr. 1982P	Mar. 1981	Apr. 1981	Feb. 1982	Mar. 1982P	Apr. 1982P
	WHOLESALE TRADE-DURABLE GOODS—Continued	1,327.5	1,337.3	1,355.8	1,357.9	-	1,078.0	1,085.1	1,085.6	1,087.6	-
508	Machinery, equipment, and supplies	205.3	207.7	188.7	187.7	-	173.9	175.7	157.8	156.5	-
509	Miscellaneous durable goods										
51	WHOLESALE TRADE-NONDURABLE GOODS	2,149	2,152	2,129	2,131	-	1,754	1,757	1,738	1,736	-
511	Paper and paper products	153.4	154.0	156.8	157.4	-	124.3	125.1	126.4	126.1	-
512	Drugs, proprietaries, and sundries	149.1	149.7	151.5	151.6	-	126.3	126.7	128.3	128.5	-
513	Apparel, piece goods, and notions	167.7	166.6	167.3	168.3	-	132.1	130.7	131.0	131.6	-
514	Groceries and related products	659.9	671.2	658.5	658.7	-	572.6	574.2	563.8	560.7	-
516	Chemicals and allied products	128.5	127.5	130.4	130.7	-	92.6	91.6	93.3	93.6	-
517	Petroleum and petroleum products	224.2	225.6	221.8	222.0	-	168.1	169.6	166.7	166.6	-
518	Beer, wine, and distilled beverages	139.2	140.6	142.2	142.7	-	116.2	117.6	118.3	118.4	-
519	Miscellaneous nondurable goods	380.1	388.5	374.0	377.7	-	309.7	310.2	303.3	307.5	-
52-59	RETAIL TRADE	14,997	15,196	15,254	15,306	15,412	13,400	13,576	13,655	13,696	13,799
52	BUILDING MATERIALS AND GARDEN SUPPLIES	606.7	624.7	576.3	583.5	-	511.0	528.4	482.4	489.6	-
521	Lumber and other building materials	316.4	322.9	300.1	301.5	-	265.8	272.8	251.3	252.5	-
525	Hardware stores	147.1	147.8	145.0	144.9	-	125.1	125.9	123.2	123.2	-
53	GENERAL MERCHANDISE STORES	2,171.7	2,191.1	2,219.2	2,197.5	-	1,970.2	1,970.3	2,041.6	2,023.1	-
531	Department stores	1,813.3	1,823.5	1,853.1	1,833.7	-	1,647.9	1,639.1	1,710.7	1,694.6	-
533	Variety stores	243.2	249.9	239.8	238.2	-	224.3	231.2	222.9	221.0	-
539	Misc. general merchandise stores	115.5	117.7	126.3	125.6	-	98.0	100.0	108.0	107.5	-
54	FOOD STORES	2,423.3	2,431.0	2,466.7	2,464.6	-	2,214.5	2,252.2	2,282.5	2,280.4	-
541	Grocery stores	2,125.3	2,127.3	2,170.3	2,168.2	-	1,973.0	1,975.6	2,014.3	2,011.7	-
542	Meat markets and freezer provisioners	56.0	57.1	54.8	55.0	-	-	-	-	-	-
546	Retail bakeries	125.4	126.6	125.4	127.1	-	115.3	116.2	115.5	117.2	-
55	AUTOMOTIVE DEALERS AND SERVICE STATIONS	1,660.2	1,670.4	1,682.3	1,687.6	-	1,404.5	1,414.2	1,386.3	1,389.3	-
551,2	New and used car dealers	765.2	766.3	745.0	745.3	-	626.1	627.7	609.4	610.0	-
553	Auto and home supply stores	258.8	264.4	269.6	270.7	-	222.8	228.3	231.2	231.1	-
554	Gasoline service stations	558.7	559.9	554.6	555.0	-	488.9	490.1	484.4	484.8	-
56	APPAREL AND ACCESSORY STORES	951.8	971.5	967.7	968.8	-	812.1	830.2	822.4	824.2	-
561	Men's and boys' clothing and furnishings	130.0	131.3	130.4	131.6	-	109.6	110.6	113.8	111.2	-
562	Women's ready-to-wear stores	347.6	351.9	340.7	344.6	-	301.0	304.0	293.5	297.7	-
565	Family clothing stores	179.6	181.2	186.0	185.5	-	156.6	158.1	161.2	160.7	-
566	Shoe stores	194.0	205.7	205.2	205.1	-	159.1	171.0	166.8	167.5	-
57	FURNITURE AND HOME FURNISHINGS STORES	600.6	602.7	607.4	603.7	-	496.3	497.7	502.1	498.4	-
571	Furniture and home furnishings stores	373.8	376.1	372.7	371.7	-	309.9	311.9	307.1	306.6	-
572	Household appliance stores	81.0	80.9	86.4	86.1	-	69.1	69.2	73.0	72.6	-
573	Radio, television, and music stores	145.8	145.7	148.3	145.9	-	117.3	116.6	122.0	119.2	-
58	EATING AND DRINKING PLACES	4,687.8	4,799.4	4,801.6	4,879.2	-	4,312.8	4,426.2	4,413.5	4,482.6	-
59	MISCELLANEOUS RETAIL	1,894.8	1,908.7	1,972.5	1,961.3	-	1,648.8	1,657.2	1,724.6	1,708.3	-
591	Drug stores and proprietary stores	476.7	476.1	486.0	485.6	-	430.2	429.9	437.4	435.1	-
592	Liquor stores	123.4	124.5	129.4	129.9	-	-	-	-	-	-
594	Miscellaneous shopping goods stores	636.4	633.8	645.3	643.2	-	514.2	512.9	558.7	551.2	-
596	Nonstore retailers	267.9	266.0	275.1	277.8	-	247.3	248.9	253.1	254.9	-
598	Fuel and ice dealers	107.0	102.9	109.4	107.8	-	89.9	86.0	91.8	90.1	-
599	Retail stores, nec	257.7	273.7	270.7	260.2	-	215.7	229.5	229.4	218.1	-
	FINANCE, INSURANCE, AND REAL ESTATE[2]	5,263	5,295	5,328	5,345	5,353	3,969	3,997	3,998	4,004	4,00
60	BANKING	1,607.8	1,612.0	1,640.0	1,642.2	-	1,223.5	1,232.5	1,237.1	1,231.6	-
602	Commercial and stock savings banks	1,456.1	1,469.2	1,495.9	1,498.2	-	1,114.9	1,116.9	1,121.6	1,116.2	-
61	CREDIT AGENCIES OTHER THAN BANKS	579.6	580.0	577.7	580.0	-	440.9	440.8	436.9	438.8	-
612	Savings and loan associations	266.3	267.0	273.6	275.8	-	202.3	202.6	208.3	210.0	-
614	Personal credit institutions	200.1	199.9	193.0	189.6	-	154.4	154.1	146.1	145.8	-
62	SECURITY, COMMODITY BROKERS, AND SERVICES	238.1	239.8	256.1	257.3	-	-	-	-	-	-
621	Security brokers and dealers	194.9	195.9	212.1	213.5	-	-	-	-	-	-
63	INSURANCE CARRIERS	1,235.0	1,233.7	1,237.0	1,238.9	-	858.8	857.1	853.5	855.6	-
631	Life insurance	533.6	532.4	536.7	537.6	-	331.0	330.8	335.6	337.7	-

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry—Continued

[In thousands]

1972 SIC Code	Industry	All employees					Production workers[1]				
		Mar. 1981	Apr. 1981	Feb. 1982	Mar. 1982P	Apr. 1982P	Mar. 1981	Apr. 1981	Feb. 1982	Mar. 1982P	Apr. 1982P
	INSURANCE CARRIERS—Continued										
632	Medical service and health insurance	144.6	144.9	142.8	143.0	-	115.7	115.5	113.7	114.2	-
633	Fire, marine, and casualty insurance	483.5	483.1	487.0	488.2	-	354.7	353.5	349.9	350.0	-
64	INSURANCE AGENTS, BROKERS, AND SERVICE	453.3	465.4	471.9	473.5	-	-	-	-	-	-
65	REAL ESTATE	995.4	1,018.4	992.3	998.2	-	-	-	-	-	-
651	Real estate operators and lessors	465.3	476.3	469.5	474.9	-	-	-	-	-	-
653	Real estate agents and managers	379.0	382.0	378.5	379.1	-	-	-	-	-	-
655	Subdividers and developers	129.5	140.3	124.8	126.0	-	-	-	-	-	-
66	COMBINED REAL ESTATE, INSURANCE, ETC	21.2	21.2	21.0	21.1	-	-	-	-	-	-
67	HOLDING AND OTHER INVESTMENT OFFICES	122.7	124.5	132.1	133.6	-	-	-	-	-	-
	SERVICES	18,287	18,512	18,666	18,793	18,990	16,253	16,474	16,560	16,670	16,852
70	HOTELS AND OTHER LODGING PLACES	1,023.6	1,092.0	1,013.6	1,041.9	-	-	-	-	-	-
701	Hotels, motels, and tourist courts	993.5	1,058.7	984.3	1,010.5	-	910.5	969.4	898.3	922.1	-
72	PERSONAL SERVICES	932.3	904.8	920.5	922.3	-	-	-	-	-	-
721	Laundry, cleaning, and garment services	352.3	353.9	350.7	350.3	-	314.3	315.8	311.8	311.4	-
723	Beauty shops	283.3	284.0	289.8	293.7	-	262.6	264.1	268.5	272.0	-
726	Funeral service and crematories	71.1	72.3	74.2	74.4	-	-	-	-	-	-
73	BUSINESS SERVICES	3,218.3	3,255.1	3,300.4	3,306.8	-	2,809.9	2,847.1	2,869.4	2,875.8	
731	Advertising	155.5	155.7	158.2	159.3	-	118.7	119.1	122.2	123.2	-
732	Credit reporting and collection	71.2	71.5	69.5	69.6	-	-	-	-	-	-
733	Mailing, reproduction, stenographic	127.2	126.3	133.0	132.3	-	-	-	-	-	-
734	Services to buildings	503.6	512.4	526.4	528.0	-	455.8	464.0	479.1	481.3	-
736	Personnel supply services	582.6	595.4	550.2	558.0	-	-	-	-	-	-
737	Computer and data processing services	333.7	336.7	364.1	363.1	-	280.5	282.2	296.2	295.8	-
75	AUTO REPAIR, SERVICES, AND GARAGES	574.9	575.4	583.0	584.8	-	489.3	489.7	494.0	495.7	-
753	Automotive repair shops	349.8	353.1	356.2	356.4	-	295.2	298.6	297.9	298.6	-
76	MISCELLANEOUS REPAIR SERVICES	292.1	292.2	297.1	298.4	-	243.9	244.2	251.0	252.3	-
78	MOTION PICTURES	207.3	210.5	192.3	199.7	-	177.5	180.1	162.4	168.3	-
781	Motion picture production and services	80.7	71.4	69.8	73.6	-	67.7	59.4	57.1	59.7	-
783	Motion picture theaters	115.9	128.1	112.0	115.6	-	-	-	-	-	-
79	AMUSEMENT AND RECREATION SERVICES	725.3	791.8	739.4	764.8	-	650.1	717.2	664.1	684.5	-
80	HEALTH SERVICES	5,448.7	5,461.7	5,665.5	5,681.9	-	3,855.0	3,883.4	5,073.5	5,089.4	-
801	Offices of physicians	758.2	771.5	797.7	801.1	-	629.3	633.4	653.8	657.6	-
802	Offices of dentists	350.9	352.2	371.6	371.9	-	307.1	309.8	329.9	328.8	-
805	Nursing and personal care facilities	1,033.6	1,034.9	1,067.4	1,070.9	-	933.8	935.7	965.4	966.9	-
806	Hospitals	2,840.7	2,846.3	2,957.3	2,959.1	-	2,600.1	2,608.1	2,713.3	2,720.2	
81	LEGAL SERVICES	522.5	524.9	552.0	556.3	-	446.6	448.5	466.4	469.5	-
82	EDUCATIONAL SERVICES	1,217.9	1,203.2	1,219.5	1,227.7	-	-	-	-	-	-
821	Elementary and secondary schools	306.5	308.5	303.4	306.2	-	-	-	-	-	-
822	Colleges and universities	787.9	775.6	789.6	795.1	-	-	-	-	-	-
83	SOCIAL SERVICES	1,189.6	1,193.6	1,189.3	1,200.1	-	-	-	-	-	-
86	MEMBERSHIP ORGANIZATIONS	1,581.3	1,583.2	1,592.8	1,598.8	-	-	-	-	-	-
89	MISCELLANEOUS SERVICES	1,035.3	1,035.3	1,064.8	1,063.6	-	866.8	866.0	877.9	873.1	-
891	Engineering and architectural services	557.4	559.9	564.8	564.3	-	472.6	475.1	467.4	463.4	-
893	Accounting, auditing, and bookkeeping	334.5	342.4	363.8	363.2	-	282.2	279.8	296.7	296.0	-
	GOVERNMENT	16,493	16,457	16,106	16,189	16,183	-	-	-	-	-
	FEDERAL GOVERNMENT	2,769	2,773	2,723	2,721	2,722	-	-	-	-	-
	Executive, by agency[4]	2,715.3	2,718.5	2,668.6	2,666.5	-	-	-	-	-	-
	Department of Defense	894.2	899.1	928.0	933.0	-	-	-	-	-	-
	Postal Service	657.0	658.4	661.2	661.0	-	-	-	-	-	-
	Other executive agencies	1,164.1	1,161.0	1,079.4	1,072.5	-	-	-	-	-	-
	Legislative	39.1	39.1	38.6	38.6	-	-	-	-	-	-
	Judicial	15.3	15.0	15.4	15.4	-	-	-	-	-	-

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry — Continued

[In thousands]

1972 SIC Code	Industry	All employees					Production workers[1]				
		Mar. 1981	Apr. 1981	Feb. 1982	Mar. 1982p	Apr. 1982p	Mar. 1981	Apr. 1981	Feb. 1982	Mar. 1982p	Apr. 1982p
	FEDERAL GOVERNMENT—Continued										
	Federal Government, by industry:										
—	Manufacturing activities	107.2	103.5	112.8	113.6	–	–	–	–	–	–
3731	Shipbuilding and repairing	57.1	57.1	60.2	60.4	–	–	–	–	–	–
—	Transportation and public utilities, except Postal Service	40.6	41.0	41.9	42.4	–	–	–	–	–	–
—	Services	403.9	402.9	400.2	400.3	–	–	–	–	–	–
806	Federal government hospitals	233.3	230.9	231.9	232.2	–	–	–	–	–	–
—	STATE AND LOCAL GOVERNMENT	13,724	13,684	13,383	13,468	13,441	–	–	–	–	–
—	State government	3,666.9	3,652.9	3,613.9	3,620.3	–	–	–	–	–	–
806	State government hospitals	534.6	533.5	532.5	531.8	–	–	–	–	–	–
82	State education	1,471.0	1,462.2	1,440.7	1,448.0	–	–	–	–	–	–
—	General administration including executive, legislative, and judicial functions	1,033.0	1,031.4	1,032.0	1,033.3	–	–	–	–	–	–
—	Local government	10056.6	10031.4	9,769.1	9,847.7	–	–	–	–	–	–
—	Transportation and public utilities	631.7	633.5	638.7	638.1	–	–	–	–	–	–
806	Local government hospitals	622.5	622.6	640.6	642.5	–	–	–	–	–	–
82	Local education	5,481.4	5,466.0	5,363.4	5,430.9	–	–	–	–	–	–
—	General administration including executive, legislative, and judicial functions	2,945.9	2,934.1	2,817.6	2,826.6	–	–	–	–	–	–

[1] Data relate to production and related workers in mining and manufacturing, to construction workers in construction, and to nonsupervisory workers in transportation and public utilities, wholesale and retail trade, finance, insurance, and real estate, and services.

[2] Beginning January 1978, data relate to line haul railroads with operating revenues of $50,000,000 or more.

[3] Data for nonoffice sales agents excluded from nonsupervisory count for all series in this division.

[4] Prepared by the Office of Personnel Management. Data relate to civilian employment only and exclude Central Intelligence and National Security Agencies.

– Data not available.
p = preliminary.

NOTE: Data from April 1980 forward are subject to revision when more recent benchmark data are introduced. See "Benchmark adjustment" in the Explanatory notes of this publication.

B-3. Women employees on nonagricultural payrolls by industry

(In thousands)

1972 SIC Code	Industry	Jan. 1981	Feb. 1981	Dec. 1981	Jan. 1982	Feb. 1982
	TOTAL	38,604	38,714	39,939	39,091	39,236
	PRIVATE SECTOR	30,728	30,726	32,135	31,399	31,426
	MINING	113	116	135	134	135
10	METAL MINING	9.5	9.6	8.7	7.8	7.5
11, 12	COAL MINING	11.3	11.3	11.9	12.0	12.0
13	OIL AND GAS EXTRACTION	82.7	85.4	105.0	104.7	105.8
131, 2	Crude petroleum, natural gas, and natural gas liquids	53.9	55.2	66.1	66.2	66.5
138	Oil and gas field services	28.8	30.2	38.9	38.5	39.3
14	NONMETALLIC MINERALS, EXCEPT FUELS	9.6	9.4	9.7	9.3	9.2
142	Crushed and broken stone	2.5	2.5	2.6	2.5	2.4
144	Sand and gravel	3.1	2.9	3.0	2.8	2.8
	CONSTRUCTION	384	383	398	393	389
15	GENERAL BUILDING CONTRACTORS	137.6	135.3	137.8	135.6	133.9
152	Residential building construction	81.4	80.0	83.1	80.8	79.4
153	Operative builders	14.4	14.7	13.8	14.1	14.2
154	Nonresidential building construction	41.8	41.6	40.9	40.7	40.3
16	HEAVY CONSTRUCTION CONTRACTORS	56.8	56.2	51.3	58.7	57.6
161	Highway and street construction	14.3	14.2	14.5	12.9	12.9
162	Heavy construction, except highway	42.5	42.0	46.8	45.8	44.7
17	SPECIAL TRADE CONTRACTORS	189.6	190.2	198.4	199.1	197.5
171	Plumbing, heating, air conditioning	52.5	52.3	54.8	55.5	55.1
172	Painting, paper hanging, decorating	12.0	12.2	11.9	12.5	12.0
173	Electrical work	35.8	36.1	37.6	37.5	37.7
174	Masonry, stonework, and plastering	22.4	22.5	24.1	23.9	23.7
175	Carpentering and flooring	15.3	15.4	15.0	15.1	15.2
176	Roofing and sheet metal work	13.2	13.2	13.8	13.5	13.5
	MANUFACTURING	6,238	6,260	6,281	6,147	6,144
24, 25, 32 39	DURABLE GOODS	3,000	3,006	3,004	2,958	2,942
20 23, 26 31	NONDURABLE GOODS	3,238	3,254	3,277	3,189	3,202
	DURABLE GOODS					
24	LUMBER AND WOOD PRODUCTS	102.5	102.7	95.4	94.0	92.9
241	Logging camps and logging contractors	5.1	5.0	5.4	5.3	5.3
242	Sawmills and planing mills	19.9	20.0	17.9	17.7	17.3
2421	Sawmills and planing mills, general	14.2	14.2	12.7	12.4	12.2
243	Millwork, plywood, and structural members	42.3	42.5	37.7	37.5	36.4
244	Wood containers	7.0	6.9	7.0	6.7	7.0
245	Wood buildings and mobile homes	7.7	7.7	7.5	7.0	7.1
249	Miscellaneous wood products	20.5	20.6	19.9	19.8	19.8
25	FURNITURE AND FIXTURES	141.3	142.6	143.2	139.6	139.1
251	Household furniture	101.9	102.8	101.9	98.8	98.2
2511	Wood household furniture	44.1	44.2	43.7	42.2	42.1
2512	Upholstered household furniture	33.8	33.8	33.7	32.3	32.1
2515	Mattresses and bedsprings	8.0	8.3	7.7	7.6	7.6
252	Office furniture	13.0	13.0	13.5	13.3	13.3
253	Public building and related furniture	5.1	5.1	5.7	5.7	5.8
254	Partitions and fixtures	10.5	10.6	10.5	10.4	10.5
259	Miscellaneous furniture and fixtures	10.5	11.1	11.6	11.4	11.3
32	STONE, CLAY, AND GLASS PRODUCTS	125.0	125.3	124.4	120.8	120.3
322	Glass and glassware, pressed or blown	40.0	40.2	39.6	38.9	38.5
3221	Glass containers	22.2	22.3	21.9	21.5	21.7
3229	Pressed and blown glass, nec	17.8	17.9	17.7	17.4	16.8
323	Products of purchased glass	13.4	13.3	12.9	12.8	12.9
324	Cement, hydraulic	1.7	1.7	1.7	1.7	1.6
325	Structural clay products	6.4	6.4	6.5	6.3	6.1
326	Pottery and related products	14.8	14.9	14.1	12.6	13.4
327	Concrete, gypsum, and plaster products	15.0	14.8	14.5	14.5	14.2
329	Misc. nonmetallic mineral products	31.1	31.2	32.1	31.2	30.8
33	PRIMARY METAL INDUSTRIES	124.7	124.4	115.7	112.6	111.0
331	Blast furnace and basic steel products	39.6	40.4	37.3	36.1	35.2
3312	Blast furnaces and steel mills	29.7	30.1	27.5	26.7	26.0
332	Iron and steel foundries	18.4	18.4	16.4	16.8	16.6

B-3. Women employees on nonagricultural payrolls by industry – Continued

(In thousands)

1972 SIC Code	Industry	Jan. 1981	Feb. 1981	Dec. 1981	Jan. 1982	Feb. 1982
	PRIMARY METAL INDUSTRIES — Continued					
3321	Gray iron foundries	8.9	8.8	7.6	7.9	7.7
3322	Malleable iron foundries	1.0	1.1	.9	1.0	.9
3325	Steel foundries, nec	4.8	4.8	4.5	4.5	4.4
333	Primary nonferrous metals	5.1	5.1	4.8	4.7	4.6
3334	Primary aluminum	2.2	2.2	2.0	1.9	1.8
335	Nonferrous rolling and drawing	37.7	37.4	36.8	34.9	34.1
3351	Copper rolling and drawing	3.3	3.4	3.1	3.2	3.2
3353	Aluminum sheet, plate, and foil	4.0	3.9	3.2	3.0	3.0
3357	Nonferrous wire drawing and insulating	25.4	23.8	23.1	21.4	20.9
336	Nonferrous foundries	15.3	15.4	14.9	14.4	14.6
3361	Aluminum foundries	7.9	7.9	7.8	7.4	7.4
34	FABRICATED METAL PRODUCTS	331.2	331.6	321.9	316.4	313.5
341	Metal cans and shipping containers	12.5	12.8	11.2	11.6	11.7
3411	Metal cans	10.8	11.0	9.5	9.9	10.0
342	Cutlery, hand tools, and hardware	56.4	56.7	54.6	53.0	51.5
3423, 5	Hand and edge tools, and hand tools, not tables	16.2	16.4	16.4	16.1	15.9
3429	Hardware, nec	33.2	33.4	31.9	30.7	29.6
343	Plumbing and heating, except electric	15.9	16.1	16.9	16.4	16.4
344	Fabricated structural metal products	70.7	70.5	69.4	67.9	67.0
3441	Fabricated structural metal	7.4	7.3	7.3	7.3	7.2
3442	Metal doors, sash, and trim	20.0	19.6	18.7	18.2	17.9
3443	Fabricated plate work (boiler shops)	18.5	18.4	18.4	18.4	18.2
3444	Sheet metal work	15.5	15.7	15.4	15.0	14.8
345	Screw machine products, bolts, etc	23.3	23.5	22.3	21.7	21.3
3451	Screw machine products	12.0	12.1	11.4	11.2	11.1
3452	Bolts, nuts, screws, and washers	11.3	11.4	10.9	10.5	10.2
346	Metal forgings and stampings	52.0	51.5	47.2	46.3	45.9
3462	Iron and steel forgings	4.3	4.3	3.9	3.9	3.8
3465	Automotive stampings	12.6	11.9	10.7	10.1	10.0
3469	Metal stampings, nec	32.5	32.6	30.1	29.8	29.6
347	Metal services, nec	23.9	23.6	23.2	23.1	23.0
3471	Plating and polishing	16.9	16.8	16.7	16.6	16.5
3479	Metal coating and allied services	7.0	6.8	6.5	6.5	6.4
348	Ordnance and accessories, nec	17.3	17.2	17.1	17.3	17.3
349	Misc. fabricated metal products	59.2	59.7	60.0	59.1	59.4
3494	Valves and pipe fittings	22.4	22.5	22.9	23.1	22.8
3496	Misc. fabricated wire products	14.2	14.3	14.5	14.1	14.6
35	MACHINERY, EXCEPT ELECTRICAL	500.5	500.6	512.6	507.8	506.9
351	Engines and turbines	24.6	24.4	25.2	24.8	24.8
3511	Turbines and turbine generator sets	5.9	6.1	5.9	5.6	5.8
3519	Internal combustion engines, nec	18.7	18.3	19.3	19.0	19.0
352	Farm and garden machinery	28.6	28.2	26.8	26.8	26.9
3523	Farm machinery and equipment	21.4	20.9	18.7	18.4	19.0
353	Construction and related machinery	50.3	50.5	53.8	53.7	53.7
3531	Construction machinery	14.6	14.7	15.8	15.5	15.5
3533	Oil field machinery	14.7	14.7	17.5	17.8	18.0
354	Metalworking machinery	56.9	56.9	56.2	54.5	53.8
3541	Machine tools, metal cutting types	10.7	10.8	9.8	9.7	9.6
3544	Special dies, tools, jigs, and fixtures	15.1	15.2	15.5	14.9	14.8
3545	Machine tool accessories	13.3	13.2	13.4	13.3	13.2
355	Special industry machinery	30.8	30.6	29.4	29.3	28.9
3551	Food products machinery	6.0	5.9	5.5	5.5	5.5
3552	Textile machinery	5.1	5.1	4.7	4.8	4.5
3555	Printing trades machinery	7.3	7.2	7.4	7.5	7.6
356	General industrial machinery	62.1	62.7	60.8	59.9	59.4
3561	Pumps and pumping equipment	11.5	11.6	11.6	11.4	11.4
3562	Ball and roller bearings	14.1	14.3	13.1	12.9	12.6
357	Office and computing machines	158.9	158.4	171.8	171.8	173.0
3573	Electronic computing equipment	133.7	133.7	143.9	144.1	145.6
358	Refrigeration and service machinery	39.2	39.3	37.9	37.2	38.3
3585	Refrigeration and heating equipment	27.0	27.0	24.9	24.6	25.4
359	Misc. machinery, except electrical	49.1	49.6	50.7	49.8	48.1
3599	Machinery, except electrical, nec	38.9	38.9	41.1	40.4	43.0
36	ELECTRIC AND ELECTRONIC EQUIPMENT	897.4	898.3	898.6	894.6	889.2
361	Electric distributing equipment	46.8	45.6	45.8	44.8	43.8
3612	Transformers	17.8	18.3	18.8	18.0	17.5
3613	Switchgear and switchboard apparatus	27.0	27.3	27.0	26.4	26.3
362	Electrical industrial apparatus	89.5	90.0	87.1	86.1	84.3
3621	Motors and generators	49.1	49.3	47.6	47.1	45.6
3622	Industrial controls	28.5	28.5	27.1	27.1	27.0
363	Household appliances	59.7	60.2	53.1	55.7	54.9
3632	Household refrigerators and freezers	9.7	10.3	6.5	9.5	9.6
3633	Household laundry equipment	4.4	4.1	2.7	3.5	3.7
3634	Electric housewares and fans	27.9	28.6	28.0	26.1	25.1
364	Electric lighting and wiring equipment	94.3	94.7	92.5	91.8	92.2
3641	Electric lamps	21.9	21.8	20.3	21.7	21.7

B-3. Women employees on nonagricultural payrolls by industry – Continued

(In thousands)

1972 SIC Code	Industry	Jan. 1981	Feb. 1981	Dec. 1981	Jan. 1982	Feb. 1982
	ELECTRIC AND ELECTRONIC EQUIPMENT —Continued					
3643	Current-carrying wiring devices	41.5	41.9	43.1	41.8	41.8
365	Radio and TV receiving equipment	58.8	58.4	55.0	54.8	52.3
3651	Radio and TV receiving sets	45.2	45.0	42.9	43.2	40.8
366	Communication equipment	206.6	206.7	212.2	211.8	210.2
3661	Telephone and telegraph apparatus	76.2	76.2	72.8	71.6	71.0
3662	Radio and TV communication equipment	130.4	130.5	139.4	140.2	139.2
367	Electronic components and accessories	286.6	285.5	293.9	292.1	292.5
3671,3	Electronic tubes	16.2	16.4	15.7	15.7	15.8
3674	Semiconductors and related devices	108.6	107.7	108.2	108.7	108.8
3679	Electronic components, nec	114.9	114.6	121.6	120.3	120.6
369	Misc. electrical equipment and supplies	57.1	57.2	59.0	58.3	58.0
3694	Engine electrical equipment	28.1	27.9	28.4	27.5	27.4
37	**TRANSPORTATION EQUIPMENT**	292.6	292.2	295.3	289.9	286.6
371	Motor vehicles and equipment	102.4	99.1	99.6	93.1	91.4
3711	Motor vehicles and car bodies	36.8	34.6	35.3	30.4	29.5
3713	Truck and bus bodies	4.0	3.9	3.4	3.1	3.2
3714	Motor vehicle parts and accessories	58.1	57.1	56.9	55.9	54.8
372	Aircraft and parts	123.6	123.3	125.7	125.5	124.1
3721	Aircraft	66.8	67.3	72.1	71.9	70.9
3724	Aircraft engines and engine parts	29.3	28.8	26.7	26.6	26.8
3728	Aircraft equipment, nec	27.5	27.2	26.9	27.0	27.0
373	Ship and boat building and repairing	22.2	22.9	24.3	23.4	23.5
3731	Ship building and repairing	16.2	16.6	17.7	17.2	16.8
374	Railroad equipment	5.9	5.7	4.8	4.6	4.3
376	Guided missiles, space vehicles, parts	25.9	26.1	28.6	28.5	28.4
3761	Guided missiles and space vehicles	21.5	21.7	23.9	23.8	23.7
379	Miscellaneous transportation equipment	7.1	7.0	7.6	7.7	7.6
38	**INSTRUMENTS AND RELATED PRODUCTS**	302.9	302.3	305.7	302.0	301.5
381	Engineering and scientific instruments	28.4	28.5	28.8	28.7	28.2
382	Measuring and controlling devices	106.0	105.6	105.2	103.6	103.2
3822	Environmental controls	23.7	23.6	23.5	23.3	23.1
3823	Process control instruments	18.9	19.0	19.4	18.7	18.7
3825	Instruments to measure electricity	47.8	48.2	48.7	48.6	48.8
383	Optical instruments and lenses	11.1	11.3	11.7	11.7	11.3
384	Medical instruments and supplies	85.1	85.9	88.7	87.9	88.7
3841	Surgical and medical instruments	41.4	41.6	43.1	42.6	42.8
3842	Surgical appliances and supplies	35.4	36.0	37.3	37.1	37.7
385	Ophthalmic goods	24.9	24.6	23.9	22.9	22.9
386	Photographic equipment and supplies	38.9	38.7	41.1	41.0	40.8
387	Watches, clocks, and watchcases	12.0	11.5	10.1	10.2	10.4
39	**MISCELLANEOUS MANUFACTURING INDUSTRIES**	183.0	185.8	191.5	180.4	181.8
391	Jewelry, silverware, and plated ware	25.1	28.9	27.2	25.3	25.3
393	Musical instruments	10.2	10.1	10.1	9.9	9.9
394	Toys and sporting goods	52.7	55.2	56.4	52.4	53.9
3942,4	Dolls, games, toys, and children's vehicles	27.0	28.5	28.7	25.8	27.0
3949	Sporting and athletic goods, nec	25.7	25.7	27.7	26.6	26.9
395	Pens, pencils, office and art supplies	20.2	20.1	21.2	20.5	20.5
396	Costume jewelry and notions	27.4	27.1	26.8	24.4	24.2
399	Miscellaneous manufactures	47.4	48.4	49.7	47.9	48.0
	NONDURABLE GOODS					
20	**FOOD AND KINDRED PRODUCTS**	476.6	472.3	493.2	466.5	465.9
201	Meat products	112.5	111.9	113.2	109.0	108.2
2011	Meat packing plants	28.5	28.4	28.7	28.5	27.8
2013	Sausages and other prepared meats	20.0	20.0	20.7	20.1	20.2
2016	Poultry dressing plants	56.7	56.3	57.7	54.2	54.1
202	Dairy products	36.5	36.2	36.9	36.1	35.6
2026	Fluid milk	17.0	17.0	16.5	16.5	16.1
203	Preserved fruits and vegetables	85.0	84.4	87.5	77.2	78.8
2032	Canned specialties	9.0	8.8	9.2	8.6	8.8
2033	Canned fruits and vegetables	26.7	26.2	25.4	21.3	21.5
2037	Frozen fruits and vegetables	16.5	17.2	19.4	16.5	17.0
204	Grain mill products	30.2	29.9	30.3	29.9	29.7
205	Bakery products	57.0	56.8	58.1	56.9	57.0
2051	Bread, cake, and related products	37.6	37.8	38.8	38.2	38.0
2052	Cookies and crackers	19.4	19.0	19.3	18.7	19.0
206	Sugar and confectionery products	44.1	43.4	49.8	45.9	45.2
207	Fats and oils	6.0	6.0	6.3	6.3	6.0
208	Beverages	41.0	40.6	43.4	42.2	42.3
2082	Malt beverages	7.5	7.3	8.3	8.2	8.1
2086	Bottled and canned soft drinks	18.4	18.5	19.5	19.4	19.6
209	Misc. foods and kindred products	64.3	63.1	57.7	63.0	63.1
21	**TOBACCO MANUFACTURES**	26.0	25.8	26.4	26.0	24.6
211	Cigarettes	15.1	15.2	14.6	14.5	13.4

B-3. Women employees on nonagricultural payrolls by industry – Continued

(In thousands)

1972 SIC Code	Industry	Jan. 1981	Feb. 1981	Dec. 1981	Jan. 1982	Feb. 1982
22	TEXTILE MILL PRODUCTS	395.7	396.1	386.7	373.8	374.4
221	Weaving mills, cotton	64.0	63.3	60.4	59.3	59.1
222	Weaving mills, synthetics	48.8	48.4	47.6	46.4	46.2
223	Weaving and finishing mills, wool	7.3	7.3	7.1	7.2	7.1
224	Narrow fabric mills	14.0	14.1	14.3	13.8	13.7
225	Knitting mills	136.9	138.0	135.5	128.9	129.4
2251	Women's hosiery, except socks	22.6	22.5	23.1	22.8	22.5
2252	Hosiery, nec	23.7	23.9	24.5	23.8	23.9
2253	Knit outerwear mills	46.3	47.3	48.4	44.3	44.4
2254	Knit underwear mills	23.6	23.7	21.3	20.5	20.9
2257	Circular knit fabric mills	12.2	12.0	10.4	10.0	10.1
226	Textile finishing, except wool	21.7	21.8	21.1	20.2	20.4
2261	Finishing plants, cotton	9.4	9.4	9.4	8.8	8.9
2262	Finishing plants, synthetics	6.2	6.3	6.0	6.1	6.0
227	Floor covering mills	21.8	22.0	21.5	20.3	20.6
228	Yarn and thread mills	61.8	61.4	60.1	58.9	59.0
2281	Yarn mills, except wool	38.9	39.0	38.1	37.7	37.7
2282	Throwing and winding mills	12.3	11.9	11.2	10.8	10.9
229	Miscellaneous textile goods	19.4	19.8	19.1	18.8	19.9
23	APPAREL AND OTHER TEXTILE PRODUCTS	986.7	999.8	989.2	961.2	977.3
231	Men's and boys' suits and coats	60.2	59.8	62.5	61.0	60.8
232	Men's and boys' furnishings	290.1	289.7	292.7	280.5	284.4
2321	Men's and boys' shirts and nightwear	82.0	81.7	83.3	80.3	81.1
2327	Men's and boys' separate trousers	61.8	62.0	61.6	60.1	61.4
2328	Men's and boys' work clothing	83.0	81.8	83.5	80.1	81.3
233	Women's and misses' outerwear	339.3	350.0	330.4	327.9	338.1
2331	Women's and misses' blouses and waists	54.0	54.5	52.5	51.8	52.5
2335	Women's and misses' dresses	117.5	122.4	112.4	112.9	117.6
2337	Women's and misses' suits and coats	47.7	48.5	45.5	44.9	46.5
2339	Women's and misses' outerwear, nec	120.1	124.6	120.0	118.3	121.5
234	Women's and children's undergarments	74.8	75.7	76.9	74.1	75.3
2341	Women's and children's underwear	60.6	61.3	62.4	60.4	61.4
2342	Brassieres and allied garments	14.2	14.4	14.5	13.7	13.9
236	Children's outerwear	54.7	55.8	56.0	54.9	55.2
2361	Children's dresses and blouses	24.6	24.9	25.4	25.2	25.2
238	Misc. apparel and accessories	40.5	41.8	41.2	39.3	39.4
239	Misc. fabricated textile products	111.8	112.0	115.3	109.5	110.1
2391	Curtains and draperies	21.3	21.0	23.4	21.7	21.3
2392	House furnishings, nec	30.2	30.1	33.1	30.4	30.6
2396	Automotive and apparel trimmings	16.6	16.8	15.1	14.6	14.5
24	PAPER AND ALLIED PRODUCTS	157.6	158.0	158.3	156.0	155.5
261, 2	Paper and pulp mills	27.5	27.3	27.7	27.3	27.1
262	Paper mills, except building paper	24.6	24.5	25.0	24.7	24.8
263	Paperboard mills	5.9	5.9	5.8	5.8	5.8
264	Misc. converted paper products	75.6	76.3	77.0	76.4	76.6
265	Paperboard containers and boxes	48.6	48.5	47.8	46.5	46.0
27	PRINTING AND PUBLISHING	503.6	505.3	527.4	520.9	523.6
271	Newspapers	160.1	160.5	169.8	168.5	169.4
272	Periodicals	55.0	54.3	57.0	57.3	57.3
273	Books	55.0	55.7	55.1	55.1	55.7
274	Miscellaneous publishing	27.8	28.0	28.3	28.0	28.3
275	Commercial printing	133.2	133.6	141.1	137.4	138.2
2751	Commercial printing, letterpress	55.5	55.4	59.8	57.3	57.5
2752	Commercial printing, lithographic	71.9	72.1	74.7	73.4	73.9
276	Manifold business forms	15.6	15.6	16.0	16.0	15.8
278	Blankbooks and bookbinding	31.3	32.1	32.8	32.1	32.6
279	Printing trade services	10.9	11.0	12.1	12.1	12.3
28	CHEMICALS AND ALLIED PRODUCTS	278.4	280.3	281.9	278.9	279.7
281	Industrial inorganic chemicals	24.3	24.4	24.4	24.2	24.5
2819	Industrial inorganic chemicals, nec	16.5	16.5	16.2	16.2	16.3
282	Plastics materials and synthetics	43.3	43.2	43.1	42.9	43.0
2821	Plastics materials and resins	11.5	11.4	11.5	11.4	11.5
2824	Organic fibers, noncellulosic	25.2	25.3	25.3	25.2	25.3
283	Drugs	84.3	84.8	86.3	86.1	86.2
2833	Pharmaceutical preparations	70.9	71.4	72.5	72.4	72.3
284	Soap, cleaners, and toilet goods	56.2	57.3	55.7	54.2	54.1
2841	Soap and other detergents	9.8	9.5	9.2	8.6	8.7
2844	Toilet preparations	32.7	33.8	33.6	32.6	32.1
285	Paints and allied products	12.4	12.4	12.2	11.9	12.1
286	Industrial organic chemicals	26.0	26.1	27.6	27.8	27.4
2861,9	Gum, wood, and industrial organic chemicals, nec	21.5	21.6	23.3	23.4	23.1
287	Agricultural chemicals	10.4	10.6	10.9	10.8	11.0
289	Miscellaneous chemical products	21.5	21.5	21.7	21.0	21.4

B-3. Women employees on nonagricultural payrolls by industry – Continued

(In thousands)

1972 SIC Code	Industry	Jan. 1981	Feb. 1981	Dec. 1981	Jan. 1982	Feb. 1982
29	PETROLEUM AND COAL PRODUCTS	28.9	28.9	31.2	30.7	30.6
291	Petroleum refining	23.9	23.9	26.1	25.7	25.8
30	RUBBER AND MISC. PLASTICS PRODUCTS	253.1	250.8	249.4	244.5	241.9
301	Tires and inner tubes	11.6	11.7	11.5	11.1	10.9
302	Rubber and plastics footwear	12.5	12.6	12.4	11.5	11.1
303.4	Reclaimed rubber, and rubber and plastics hose and belting	5.7	5.6	6.2	6.1	5.7
306	Fabricated rubber products, nec	35.9	35.4	34.9	33.8	33.9
307	Miscellaneous plastics products	188.5	185.5	184.4	182.0	181.8
31	LEATHER AND LEATHER PRODUCTS	134.6	136.7	133.1	130.6	126.6
311	Leather tanning and finishing	2.8	2.9	2.9	2.8	2.7
314	Footwear, except rubber	92.2	93.3	89.4	90.0	85.8
3143	Men's footwear, except athletic	35.2	35.3	34.3	34.0	32.9
3144	Women's footwear, except athletic	35.3	35.5	33.6	32.7	31.8
316	Luggage	7.2	7.9	7.9	7.1	7.7
317	Handbags and personal leather goods	19.2	19.4	19.4	17.7	17.7
	TRANSPORTATION AND PUBLIC UTILITIES	1,307	1,312	1,365	1,361	1,363
41	LOCAL AND INTERURBAN PASSENGER TRANSIT	71.1	71.9	81.0	80.8	80.9
411	Local and suburban transportation	14.8	15.2	17.1	16.8	16.9
412	Taxicabs	7.2	7.2	7.3	7.2	7.2
413	Intercity highway transportation	5.0	5.0	5.0	5.0	4.8
415	School buses	41.6	42.0	48.8	49.2	49.2
42	TRUCKING AND WAREHOUSING	149.3	148.3	157.5	152.9	151.8
421,3	Trucking and trucking terminals	133.8	133.2	140.1	136.5	135.6
422	Public warehousing	15.5	15.1	17.4	16.4	16.2
44	WATER TRANSPORTATION	20.1	20.3	21.6	23.2	23.4
45	TRANSPORTATION BY AIR	147.4	149.1	146.9	145.9	145.9
451,2	Air transportation	138.5	140.5	137.7	136.7	136.6
46	PIPE LINES, EXCEPT NATURAL GAS	2.9	3.0	3.4	3.5	3.5
47	TRANSPORTATION SERVICES	92.4	93.9	107.3	107.8	109.5
48	COMMUNICATION	638.7	633.8	650.9	651.9	651.2
481	Telephone communication	547.0	547.6	555.6	555.9	556.6
483	Radio and television broadcasting	65.5	63.4	68.7	69.2	69.4
49	ELECTRIC, GAS, AND SANITARY SERVICES	158.1	161.1	169.9	170.1	171.1
491	Electric services	75.0	75.7	79.9	80.1	80.8
492	Gas production and distribution	37.1	37.2	39.4	39.5	39.8
493	Combination utility services	35.1	37.2	39.0	38.8	38.8
495	Sanitary services	5.9	6.0	6.6	6.5	6.7
	WHOLESALE AND RETAIL TRADE	8,941	8,805	9,636	9,148	9,065
50,51	WHOLESALE TRADE	1,368	1,369	1,414	1,393	1,391
50	WHOLESALE TRADE DURABLE GOODS	758	761	790	782	781
501	Motor vehicles and automotive equipment	87.9	88.0	90.8	90.6	90.8
502	Furniture and home furnishings	44.2	44.6	48.6	47.5	47.9
503	Lumber and construction materials	35.0	35.4	37.9	37.1	37.0
504	Sporting goods, toys, and hobby goods	24.6	24.6	25.9	25.5	25.2
505	Metals and minerals, except petroleum	29.5	29.6	30.1	29.8	29.6
506	Electrical goods	121.5	122.5	127.2	125.8	125.4
507	Hardware, plumbing, and heating equipment	65.3	65.4	66.5	66.1	65.9
508	Machinery, equipment, and supplies	302.7	303.7	316.7	314.1	313.3
509	Miscellaneous durable goods	47.2	47.0	46.6	45.8	45.7
51	WHOLESALE TRADE NONDURABLE GOODS	610	608	624	611	612
511	Paper and paper products	48.0	48.0	50.0	50.3	50.0
512	Drugs, proprietaries, and sundries	66.0	65.8	66.6	65.8	66.9
513	Apparel, piece goods, and notions	80.3	81.0	82.6	81.4	82.1
514	Groceries and related products	155.3	154.7	158.7	151.4	151.9
516	Chemicals and allied products	35.6	35.3	35.6	36.3	36.3
517	Petroleum and petroleum products	51.4	51.7	53.2	53.1	52.6
518	Beer, wine, and distilled beverages	21.8	21.8	22.2	22.0	22.1
519	Miscellaneous nondurable goods	112.2	111.6	116.5	110.4	110.3

B-3. Women employees on nonagricultural payrolls by industry – Continued

(In thousands)

1972 SIC Code	Industry	Jan. 1981	Feb. 1981	Dec. 1981	Jan. 1982	Feb. 1982
52-59	RETAIL TRADE	7,573	7,436	8,222	7,755	7,672
52	BUILDING MATERIALS AND GARDEN SUPPLIES	157.8	158.1	163.0	155.2	156.9
521	Lumber and other building materials	64.6	64.6	65.8	63.3	62.6
525	Hardware stores	55.1	53.5	57.9	55.2	56.6
53	GENERAL MERCHANDISE STORES	1,566.8	1,560.3	1,701.5	1,563.6	1,483.9
531	Department stores	1,288.0	1,197.0	1,394.5	1,288.0	1,216.4
533	Variety stores	200.0	187.3	208.9	190.3	183.9
539	Misc. general merchandise stores	78.8	76.0	98.1	85.3	83.6
54	FOOD STORES	1,036.8	1,033.9	1,098.6	1,068.6	1,067.7
541	Grocery stores	872.1	867.0	913.0	901.0	897.1
542	Meat markets and freezer provisioners	16.8	16.4	16.9	16.5	16.0
546	Retail bakeries	79.7	79.5	82.6	79.6	80.5
55	AUTOMOTIVE DEALERS AND SERVICE STATIONS	303.8	301.1	317.6	313.3	312.1
551,2	New and used car dealers	111.9	111.8	112.9	111.6	110.7
553	Auto and home supply stores	50.6	49.7	52.4	52.0	49.6
554	Gasoline service stations	126.7	125.1	138.3	136.3	138.1
56	APPAREL AND ACCESSORY STORES	680.5	659.0	770.3	695.0	668.8
561	Men's and boys' clothing and furnishings	61.5	58.1	70.0	62.9	59.5
562	Women's ready-to-wear stores	315.0	306.7	352.2	316.6	305.0
565	Family clothing stores	142.3	135.6	169.8	147.7	141.5
566	Shoe stores	81.8	81.4	90.2	87.0	83.7
57	FURNITURE AND HOME FURNISHING STORES	209.3	206.8	217.8	211.1	210.0
571	Furniture and home furnishings stores	137.6	136.9	142.4	138.6	138.0
572	Household appliance stores	23.6	23.4	25.3	24.8	24.9
573	Radio, television, and music stores	48.1	46.5	50.1	47.7	47.1
58	EATING AND DRINKING PLACES	2,568.5	2,573.4	2,767.8	2,652.4	2,690.9
59	MISCELLANEOUS RETAIL	1,049.5	1,048.6	1,185.2	1,095.3	1,083.2
591	Drug stores and proprietary stores	308.3	303.1	322.8	314.1	308.4
592	Liquor stores	32.3	31.7	39.0	35.4	34.8
594	Miscellaneous shopping goods stores	375.0	368.8	444.4	398.0	389.3
596	Nonstore retailers	166.4	163.2	194.4	175.5	169.3
598	Fuel and ice dealers	24.6	24.2	24.5	24.8	24.9
599	Retail stores, nec	123.4	132.7	140.5	127.9	137.1
	FINANCE, INSURANCE, AND REAL ESTATE	3,112	3,126	3,204	3,197	3,206
60	BANKING	1,137.9	1,140.0	1,165.2	1,165.7	1,166.4
602	Commercial and stock savings banks	1,047.6	1,049.3	1,071.3	1,072.0	1,072.9
61	CREDIT AGENCIES OTHER THAN BANKS	393.7	395.2	400.3	401.3	401.8
612	Savings and loan associations	195.7	197.3	203.8	205.0	205.0
614	Personal credit institutions	127.1	127.0	125.6	125.0	124.7
62	SECURITY, COMMODITY BROKERS AND SERVICES	98.3	99.8	110.2	110.4	111.0
621	Security brokers and dealers	79.2	80.7	91.0	91.4	92.0
63	INSURANCE CARRIERS	749.1	750.5	758.6	756.2	763.6
631	Life insurance	293.3	294.5	304.3	302.6	305.9
632	Medical service and health insurance	104.7	105.1	103.7	103.6	103.7
633	Fire, marine, and casualty insurance	301.5	331.6	303.1	302.8	304.0
64	INSURANCE AGENTS, BROKERS AND SERVICE	288.7	289.4	299.7	298.7	299.8
65	REAL ESTATE	367.5	372.4	387.7	382.3	383.1
651	Real estate operators and lessors	142.0	145.2	155.2	152.3	153.0
653	Real estate agents and managers	175.1	176.5	179.8	178.9	179.0
655	Subdividers and developers	35.5	36.0	38.6	37.2	37.4
66	COMBINED REAL ESTATE, INSURANCE, ETC	13.2	13.1	12.8	13.0	12.8
67	HOLDING AND OTHER INVESTMENT OFFICES	69.0	65.2	69.6	69.5	70.1
	SERVICES	10,633	10,724	11,116	11,019	11,124
70	HOTELS AND OTHER LODGING PLACES	539.2	539.6	558.4	542.2	547.3
701	Hotels, motels, and tourist courts	517.5	522.9	540.5	525.5	530.8

B-3. Women employees on nonagricultural payrolls by industry – Continued

(In thousands)

1972 SIC Code	Industry	Jan. 1981	Feb. 1981	Dec. 1981	Jan. 1982	Feb. 1982
72	PERSONAL SERVICES	633.1	633.0	622.5	627.0	633.1
727	Laundry, cleaning, and garment services	220.1	223.0	225.9	223.5	223.0
723	Beauty shops	269.3	268.5	263.3	261.2	260.2
726	Funeral service and crematories	19.4	19.0	20.2	20.3	20.4
73	BUSINESS SERVICES	1,403.0	1,387.0	1,436.0	1,436.2	1,452.0
731	Advertising	71.0	71.2	71.9	70.3	71.0
732	Credit reporting and collecting	51.7	50.9	50.3	49.8	49.8
737	Computer and data processing services	63.0	61.4	66.1	67.2	69.6
734	Services to dwellings	186.0	189.3	208.3	208.9	208.1
735	Miscellaneous equipment rental	373.2	352.8	373.5	367.7	359.1
737	Computer and data processing services	152.9	156.1	173.4	173.5	173.9
75	AUTO REPAIR, SERVICES, AND GARAGES	92.1	93.6	95.9	96.4	96.8
753	Automotive repair shops	42.9	43.9	45.3	45.8	45.9
76	MISCELLANEOUS REPAIR SERVICES	54.3	54.3	55.5	58.0	59.6
78	MOTION PICTURES	80.4	80.9	82.2	77.8	76.5
781	Motion picture production and services	24.3	24.1	23.7	22.2	22.0
783	Motion picture theaters	51.5	50.9	52.3	49.4	49.4
79	AMUSEMENT AND RECREATION SERVICES	293.2	292.9	295.3	291.9	291.2
80	HEALTH SERVICES	4,190.1	4,241.1	4,598.0	4,606.0	4,623.1
801	Offices of physicians	598.3	599.2	620.0	624.0	625.0
802	Offices of dentists	295.9	296.0	312.6	313.3	314.1
805	Nursing and personal care facilities	913.0	914.9	968.1	947.4	943.9
806	Hospitals	2,275.3	2,286.1	2,350.4	2,385.5	2,395.0
81	LEGAL SERVICES	369.2	368.0	387.2	388.7	389.1
82	EDUCATIONAL SERVICES	602.4	643.9	684.0	603.1	651.1
821	Elementary and secondary schools	194.1	223.4	196.1	181.1	189.9
822	Colleges and universities	340.6	371.4	388.6	349.9	391.0
83	SOCIAL SERVICES	872.0	891.1	896.1	891.1	895.5
89	MISCELLANEOUS SERVICES	335.6	345.3	352.9	350.8	346.5
893	Engineering and architecture services	120.1	124.7	125.7	125.4	125.9
893	Accounting, auditing, and bookkeeping	156.7	162.9	167.0	171.1	171.1
	GOVERNMENT	7,576	8,008	7,604	7,692	7,810
	FEDERAL GOVERNMENT	879	879	869	869	872
	STATE AND LOCAL GOVERNMENT	6,949	7,129	6,936	6,823	6,938
	State government	1,628.3	1,678.0	1,661.7	1,682.1	1,658.4
	Hospitals	334.6	334.9	337.3	338.5	332.9
	State education	653.4	684.9	668.4	673.5	680.9
	General administration, including executive, legislative, and judicial functions	426.5	429.7	412.8	415.2	415.6
	Local government	5,320.6	5,451.1	5,274.7	5,210.9	5,279.6
	Transportation and public utilities	99.3	99.7	105.8	106.8	106.6
	Hospitals	503.7	504.9	519.5	523.9	523.5
	Local education	3,553.4	3,623.9	3,493.7	3,428.9	3,496.3
	General administration, including executive, legislative, and judicial functions	960.9	995.6	961.9	961.1	966.8

ESTABLISHMENT DATA
SEASONALLY ADJUSTED EMPLOYMENT

B-4. Employees on nonagricultural payrolls by industry division and major manufacturing group, seasonally adjusted

(In thousands)

Industry division and group	1981									1982			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar. p	Apr. p
TOTAL *	91,458	91,564	91,615	91,680	91,901	92,033	91,832	91,522	91,111	90,879	91,019	90,760	90,593
GOODS PRODUCING	25,700	25,705	25,818	25,939	25,931	25,930	25,662	25,418	25,104	24,801	24,836	24,609	24,433
MINING	950	957	1,110	1,132	1,151	1,162	1,162	1,172	1,175	1,166	1,165	1,159	1,151
CONSTRUCTION	4,418	4,334	4,284	4,272	4,275	4,272	4,259	4,229	4,193	4,085	4,165	4,110	4,126
MANUFACTURING	20,332	20,414	20,424	20,535	20,505	20,496	20,241	20,017	19,736	19,550	19,506	19,340	19,256
DURABLE GOODS	12,207	12,254	12,278	12,333	12,332	12,311	12,115	11,932	11,716	11,596	11,559	11,458	11,393
Lumber and wood products	702	710	699	702	686	677	652	634	619	615	625	622	627
Furniture and fixtures	478	484	486	488	487	485	480	470	468	458	454	450	452
Stone, clay, and glass products	656	658	658	658	660	655	644	634	622	607	605	600	597
Primary metal industries	1,145	1,142	1,144	1,140	1,148	1,139	1,114	1,090	1,058	1,042	1,027	1,013	995
Fabricated metal products	1,595	1,604	1,604	1,614	1,613	1,606	1,575	1,546	1,516	1,501	1,493	1,479	1,468
Machinery, except electrical	2,491	2,511	2,521	2,533	2,542	2,551	2,549	2,522	2,488	2,455	2,441	2,405	2,379
Electric and electronic equipment	2,134	2,143	2,148	2,163	2,166	2,163	2,153	2,119	2,089	2,093	2,088	2,073	2,075
Transportation equipment	1,870	1,872	1,886	1,886	1,889	1,889	1,811	1,783	1,725	1,706	1,719	1,712	1,700
Instruments and related products	714	716	717	723	727	727	723	719	717	711	708	705	703
Miscellaneous manufacturing ind	418	414	415	426	417	419	417	415	414	408	401	399	396
NONDURABLE GOODS	8,125	8,160	8,146	8,202	8,173	8,185	8,126	8,085	8,022	7,954	7,947	7,882	7,865
Food and kindred products	1,697	1,703	1,673	1,691	1,668	1,669	1,675	1,676	1,669	1,663	1,577	1,665	1,657
Tobacco manufactures	72	71	71	71	73	71	70	70	70	71	70	69	68
Textile mill products	842	843	846	856	849	849	833	823	812	795	793	775	785
Apparel and other textile products	1,250	1,258	1,264	1,278	1,272	1,273	1,259	1,251	1,233	1,210	1,212	1,142	1,177
Paper and allied products	691	694	695	696	698	703	691	686	682	678	673	671	667
Printing and publishing	1,280	1,283	1,294	1,290	1,295	1,301	1,302	1,302	1,302	1,301	1,303	1,304	1,305
Chemicals and allied products	1,107	1,109	1,111	1,110	1,106	1,112	1,108	1,104	1,100	1,093	1,092	1,088	1,083
Petroleum and coal products	211	213	212	212	212	211	210	210	208	203	201	201	201
Rubber and misc. plastics products	744	753	757	760	764	760	744	733	722	718	712	706	713
Leather and leather products	231	233	233	238	236	236	234	230	226	222	214	211	212
SERVICE PRODUCING *	65,758	65,859	65,797	65,741	65,970	66,103	66,170	66,104	66,009	66,078	66,183	66,151	66,158
TRANSPORTATION AND PUBLIC UTILITIES	5,161	5,148	5,149	5,167	5,170	5,146	5,168	5,147	5,122	5,124	5,105	5,088	5,100
WHOLESALE AND RETAIL TRADE *	20,636	20,714	20,717	20,796	20,862	20,872	20,916	20,838	20,735	20,849	20,934	20,892	20,853
WHOLESALE TRADE	5,333	5,346	5,349	5,360	5,375	5,370	5,360	5,363	5,336	5,321	5,321	5,305	5,331
RETAIL TRADE *	15,303	15,368	15,368	15,436	15,487	15,502	15,556	15,475	15,399	15,528	15,613	15,587	15,552
FINANCE, INSURANCE, AND REAL ESTATE	5,316	5,326	5,331	5,344	5,354	5,356	5,350	5,355	5,366	5,361	5,366	5,377	5,371
SERVICES	18,475	18,540	18,560	18,642	18,667	18,774	18,788	18,838	18,856	18,885	18,893	18,887	18,952
GOVERNMENT	16,170	16,131	16,040	15,992	15,917	15,905	15,938	15,926	15,930	15,899	15,885	15,907	15,882
FEDERAL	2,767	2,779	2,781	2,777	2,770	2,765	2,759	2,748	2,741	2,742	2,739	2,729	2,717
STATE AND LOCAL	13,403	13,352	13,259	13,215	13,147	13,140	13,179	13,178	13,189	13,157	13,146	13,178	13,165

p - preliminary

* Data for the month of April 1982 have been corrected from those published in the news release, The Employment Situation: April 1982.

B-5. Women employees on nonagricultural payrolls by industry division and major manufacturing group, seasonally adjusted

(In thousands)

Industry division and group	1981											1982	
	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.
TOTAL	38,677	38,781	38,967	39,085	39,264	39,469	39,483	39,467	39,459	39,331	39,239	39,260	39,382
GOODS PRODUCING	6,814	6,823	6,878	6,915	6,930	7,016	6,999	6,986	6,939	6,868	6,800	6,738	6,717
MINING	117	119	114	116	124	127	129	132	134	135	137	137	137
CONSTRUCTION	394	394	397	397	398	402	401	401	400	399	400	400	399
MANUFACTURING	6,305	6,310	6,367	6,402	6,408	6,487	6,469	6,453	6,405	6,334	6,263	6,201	6,181
DURABLE GOODS	3,013	3,020	3,054	3,073	3,087	3,116	3,118	3,109	3,073	3,023	2,980	2,960	2,943
Lumber and wood products	104	104	106	108	107	108	105	103	100	97	95	95	94
Furniture and fixtures	141	141	145	146	148	149	148	146	146	142	140	138	137
Stone, clay, and glass products	127	126	127	128	129	131	131	130	129	126	124	122	122
Primary metal industries	124	124	127	128	127	125	128	126	122	118	115	112	113
Fabricated metal products	331	333	337	341	342	345	345	343	334	325	318	315	311
Machinery, except electrical	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Electric and electronic equipment	898	902	912	915	916	926	925	925	918	901	883	893	887
Transportation equipment	294	295	302	303	308	311	314	309	304	299	291	289	288
Instruments and related products	302	302	303	305	304	308	310	309	307	306	305	303	302
Miscellaneous manufacturing ind.	191	191	192	196	193	200	195	196	193	193	196	189	189
NONDURABLE GOODS	3,292	3,290	3,313	3,329	3,321	3,371	3,351	3,349	3,332	3,311	3,283	3,241	3,238
Food and kindred products	505	500	506	507	495	506	496	493	500	502	500	498	498
Tobacco manufactures	26	26	26	26	26	26	27	26	26	25	25	26	24
Textile mill products	396	395	398	399	400	405	402	403	396	391	385	375	374
Apparel and other textile products	1,001	1,001	1,006	1,012	1,019	1,033	1,025	1,028	1,016	1,010	996	978	974
Paper and allied products	160	160	161	162	160	163	164	165	161	159	159	158	157
Printing and publishing	505	507	510	511	512	515	517	519	522	521	523	521	524
Chemicals and allied products	282	283	282	282	283	283	282	283	283	283	283	281	281
Petroleum and coal products	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Rubber and misc. plastics products	250	252	257	261	263	266	267	264	257	251	247	246	242
Leather and leather products	138	137	137	139	139	144	141	141	140	138	134	133	127
SERVICE PRODUCING	32,063	32,138	32,139	32,171	32,328	32,453	32,483	32,481	32,520	32,463	32,439	32,522	32,665
TRANSPORTATION AND PUBLIC UTILITIES	1,314	1,318	1,317	1,329	1,335	1,340	1,345	1,356	1,355	1,350	1,357	1,364	1,366
WHOLESALE AND RETAIL TRADE	9,031	9,051	8,990	9,024	9,160	9,207	9,237	9,251	9,261	9,192	9,127	9,202	9,248
WHOLESALE TRADE	1,378	1,377	1,386	1,389	1,388	1,393	1,403	1,405	1,401	1,409	1,400	1,400	1,401
RETAIL TRADE	7,653	7,674	7,602	7,635	7,778	7,814	7,834	7,846	7,858	7,783	7,727	7,802	7,847
FINANCE, INSURANCE, AND REAL ESTATE	3,130	3,138	3,153	3,169	3,172	3,184	3,185	3,198	3,199	3,200	3,204	3,203	3,209
SERVICES	10,903	10,930	10,952	10,906	10,924	10,979	10,993	11,057	11,101	11,125	11,138	11,153	11,202
GOVERNMENT	7,785	7,771	7,757	7,745	7,731	7,743	7,722	7,619	7,604	7,596	7,611	7,600	7,594
FEDERAL	885	878	877	877	876	878	877	877	873	872	879	878	878
STATE AND LOCAL	6,900	6,893	6,880	6,868	6,855	6,865	6,845	6,742	6,731	6,724	6,734	6,722	6,715

[1] This series is not published seasonally adjusted since the seasonal component is small relative to the trend-cycle and/or irregular components and consequently cannot be separated with sufficient precision.

ESTABLISHMENT DATA
SEASONALLY ADJUSTED EMPLOYMENT

B-6. Production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division and major manufacturing group, seasonally adjusted

(In thousands)

Industry division and group	1981									1982			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar. p	Apr. p
TOTAL PRIVATE[2]	61,114	61,179	61,292	61,585	61,622	61,770	61,527	61,210	60,759	60,538	60,681	60,414	60,297
GOODS PRODUCING	18,338	18,317	18,387	18,476	18,459	18,434	18,195	17,924	17,611	17,426	17,374	17,189	17,025
MINING	689	694	699	694	850	857	854	862	864	852	849	845	832
CONSTRUCTION	3,462	3,476	3,523	3,515	3,515	3,516	3,501	3,475	3,433	3,332	3,289	3,255	3,081
MANUFACTURING	14,187	14,247	14,265	14,327	14,294	14,281	14,030	13,797	13,514	13,342	13,316	13,188	13,113
DURABLE GOODS	8,412	8,442	8,455	8,491	8,485	8,465	8,267	8,083	7,868	7,758	7,740	7,661	7,596
Lumber and wood products	586	593	585	585	571	563	540	521	506	502	512	509	514
Furniture and fixtures	386	392	393	396	395	391	385	376	370	364	360	356	358
Stone, clay, and glass products	506	507	506	508	510	505	495	485	473	458	458	453	451
Primary metal industries	884	880	882	879	883	877	851	826	799	783	772	761	746
Fabricated metal products	1,178	1,184	1,187	1,197	1,193	1,187	1,157	1,132	1,102	1,085	1,079	1,068	1,063
Machinery, except electrical	1,580	1,598	1,602	1,605	1,618	1,624	1,615	1,587	1,554	1,523	1,510	1,482	1,456
Electric and electronic equipment	1,345	1,353	1,354	1,365	1,364	1,352	1,347	1,308	1,278	1,285	1,278	1,267	1,273
Transportation equipment	1,218	1,210	1,218	1,233	1,217	1,221	1,147	1,121	1,064	1,049	1,066	1,064	1,047
Instruments and related products	422	423	422	427	426	426	423	418	417	413	410	409	406
Miscellaneous manufacturing ind.	307	306	306	306	308	309	307	307	305	297	295	292	288
NONDURABLE GOODS	5,775	5,805	5,790	5,836	5,809	5,816	5,763	5,714	5,646	5,584	5,576	5,527	5,517
Food and kindred products	1,164	1,170	1,144	1,160	1,140	1,140	1,149	1,149	1,141	1,133	1,148	1,140	1,124
Tobacco manufactures	56	55	56	55	57	56	55	55	54	56	54	54	53
Textile mill products	729	731	733	742	736	737	722	710	699	683	681	664	675
Apparel and other textile products	1,065	1,071	1,077	1,092	1,082	1,084	1,071	1,062	1,046	1,027	1,027	1,013	999
Paper and allied products	521	523	524	525	526	531	520	516	509	506	503	501	499
Printing and publishing	709	710	709	711	714	718	716	716	715	715	715	717	715
Chemicals and allied products	627	629	632	630	630	631	626	620	615	608	607	603	603
Petroleum and coal products	134	135	133	133	132	131	130	129	127	121	120	120	121
Rubber and misc. plastics products	575	584	585	586	592	588	573	561	551	548	543	538	544
Leather and leather products	195	197	197	202	200	200	199	196	189	187	178	177	179
SERVICE PRODUCING[2]	42,776	42,862	42,905	43,109	43,163	43,336	43,332	43,286	43,148	43,212	43,307	43,226	43,271
TRANSPORTATION AND PUBLIC UTILITIES	4,291	4,272	4,269	4,284	4,284	4,305	4,277	4,263	4,235	4,228	4,212	4,188	4,231
WHOLESALE AND RETAIL TRADE[2]	18,027	18,084	18,093	18,200	18,230	18,271	18,311	18,216	18,120	18,235	18,320	18,269	18,227
WHOLESALE TRADE	4,342	4,352	4,350	4,367	4,370	4,357	4,359	4,359	4,339	4,311	4,309	4,293	4,289
RETAIL TRADE[2]	13,685	13,732	13,743	13,833	13,860	13,914	13,952	13,857	13,781	13,894	13,991	13,976	13,938
FINANCE, INSURANCE, AND REAL ESTATE	4,017	4,024	4,030	4,037	4,047	4,055	4,049	4,039	4,041	4,035	4,034	4,032	4,025
SERVICES	16,441	16,482	16,513	16,588	16,602	16,635	16,705	16,756	16,752	16,744	16,761	16,737	16,818

[1] For coverage of series, see footnote 1, table B-2.

p = preliminary.

[2] Data for the month of April 1982 have been corrected from those published in the news release The Employment Situation: April 1982.

B-7. Indexes of diffusion: Percent of industries in which employment[1] increased

Year and month	Over 1-month span	Over 3-month span	Over 6-month span	Over 12-month span
1979				
January	65.1	72.1	72.1	74.7
February	66.0	68.6	71.8	70.6
March	64.2	65.7	70.1	69.5
April	54.1	65.7	64.8	67.2
May	60.5	62.8	59.6	59.6
June	62.5	63.7	54.4	58.1
July	57.0	55.5	56.7	55.8
August	53.2	50.0	51.5	55.2
September	49.1	53.5	52.0	50.0
October	61.6	52.0	50.6	46.2
November	49.4	53.5	51.2	38.1
December	49.7	49.4	47.7	35.8
1980				
January	52.6	50.6	40.4	32.0
February	53.2	46.8	33.4	32.6
March	49.4	38.7	30.8	31.7
April	34.6	30.8	24.7	32.3
May	32.8	27.0	26.2	31.4
June	31.4	25.9	28.2	31.4
July	36.9	35.5	35.2	31.4
August	64.8	54.9	45.1	32.6
September	64.0	71.2	61.0	34.9
October	61.3	69.8	73.5	43.6
November	63.4	64.8	72.7	55.8
December	56.7	64.0	65.4	70.3
1981				
January	59.6	61.0	68.6	78.8
February	55.8	61.3	68.6	75.6
March	52.3	64.2	67.2	73.3
April	69.8	68.9	70.3	64.2
May	62.5	66.9	67.7	54.1
June	51.5	68.6	71.8	45.1
July	67.2	60.2	52.9	37.8
August	49.7	66.6	38.7	34.9
September	59.3	39.2	35.8	35.5p
October	30.2	33.1	26.7	31.1p
November	27.9	23.8	28.5	
December	29.9	23.0	23.5p	
1982				
January	30.5	26.7	24.7p	
February	48.0	31.1p		
March	36.3p	35.5p		
April	40.1p			
May				
June				
July				
August				
September				
October				
November				
December				

[1] Number of employees, seasonally adjusted, on payrolls of 172 private nonagricultural industries.
p = preliminary.

NOTE: Figures are the percent of industries with employment rising. (Half of the unchanged components are counted as rising.)

ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division

(In thousands)

State and areas	Total			Mining			Construction			Manufacturing		
	MAR. 1981	FEB. 1982	MAR. 1982P	MAR. 1981	FEB. 1982	MAR. 1982P	MAR. 1981	FEB. 1982	MAR. 1982P	MAR. 1981	FEB. 1982	MAR. 1982P
ALABAMA	1,350.5	1,338.4	1,332.8	17.1	16.6	16.8	65.8	62.8	63.5	358.7	353.0	344.9
Birmingham	344.6	339.8	341.0	9.1	8.7	8.7	18.9	17.3	17.7	60.8	57.3	57.4
Huntsville	118.8	123.7	124.0	(1)	(1)	(1)	3.8	3.4	3.6	34.9	37.1	37.0
Mobile	153.2	150.9	150.0	(1)	(1)	(1)	11.9	9.2	9.2	29.8	31.2	30.4
Montgomery	107.2	104.8	104.9	(1)	(1)	(1)	6.2	5.5	5.5	16.7	15.6	15.5
Tuscaloosa	51.9	50.3	50.5	2.6	2.7	2.8	2.5	2.0	2.0	8.2	7.9	7.8
ALASKA	165.5	171.6	175.7	7.5	7.8	8.1	8.4	10.3	10.9	9.9	7.4	8.6
ARIZONA	1,044.9	1,049.4	1,050.2	24.8	22.0	21.8	71.6	62.5	62.5	157.8	155.5	154.9
Phoenix	658.3	664.5	665.2	.4	.4	.4	48.7	42.8	42.9	116.1	112.8	112.5
Tucson	191.5	190.9	191.6	7.7	5.4	5.4	13.6	11.1	11.1	22.9	24.8	25.0
ARKANSAS	736.7	717.8	722.0	5.6	6.1	6.2	33.3	26.4	28.1	209.1	199.2	197.9
Fayetteville—Springdale	65.5	64.5	65.1	(1)	(1)	(1)	2.8	2.4	2.5	20.2	18.6	18.9
Fort Smith	70.2	65.9	65.7	1.1	1.2	1.2	2.8	2.3	2.2	22.3	20.4	20.2
Little Rock—North Little Rock	178.2	175.8	176.4	(1)	(1)	(1)	8.3	7.9	8.3	29.8	28.3	28.1
Pine Bluff	31.6	30.7	30.8	(1)	(1)	(1)	2.1	1.4	1.5	6.3	6.1	6.0
CALIFORNIA	9,952.0	10,004.4	10,034.7	45.4	49.2	48.7	424.4	392.9	384.6	2,034.8	1,958.9	1,950.4
Anaheim—Santa Ana—Garden Grove	861.9	863.5	866.1	2.6	2.9	2.9	50.1	44.3	44.1	223.8	221.4	221.5
Bakersfield	133.1	135.4	134.8	13.2	14.4	14.2	7.0	6.6	6.4	9.8	10.0	9.8
Fresno	180.2	180.6	182.4	.9	1.0	1.0	9.2	9.5	9.1	22.3	21.5	22.1
Los Angeles—Long Beach	3,661.4	3,615.4	3,620.6	14.0	14.8	14.7	124.3	108.0	106.1	916.4	889.3	886.0
Modesto	85.6	86.3	87.2	.1	.1	.1	5.1	4.8	4.8	17.4	17.7	17.9
Oxnard—Simi Valley—Ventura	156.1	161.5	161.6	2.7	3.0	3.0	7.2	6.7	6.7	24.7	25.7	25.7
Riverside—San Bernardino—Ontario	441.0	442.5	442.5	2.2	2.0	1.9	23.7	21.6	21.5	63.1	63.1	62.4
Sacramento	400.6	406.3	406.3	.5	.7	.7	16.8	15.9	15.8	26.5	26.3	26.5
Salinas—Seaside—Monterey	87.5	89.1	89.6	.4	.4	.4	3.2	3.3	3.3	8.2	7.8	8.7
San Diego	659.5	660.9	661.0	.6	.6	.6	35.3	31.8	31.1	108.2	107.2	107.1
San Francisco—Oakland	1,567.0	1,570.3	1,578.9	3.7	4.3	4.3	72.9	71.5	72.0	199.3	196.6	194.3
San Jose	685.1	691.5	698.7	.1	.1	.1	24.3	21.9	21.6	244.6	246.4	249.1
Santa Barbara—Santa Maria—Lompoc	121.5	123.8	124.7	1.6	1.6	1.6	4.7	4.6	4.6	17.2	17.7	18.3
Santa Rosa	93.2	94.9	95.3	.4	.4	.4	4.7	4.7	4.5	14.8	15.2	15.5
Stockton	118.3	118.8	118.5	.1	.1	.1	5.5	5.3	5.3	20.0	19.8	19.6
Vallejo—Fairfield—Napa	99.4	101.5	101.3	.5	.5	.5	4.8	4.5	4.5	10.3	10.6	10.6
COLORADO	1,271.5	1,274.8	1,275.1	40.7	42.7	42.5	70.7	68.1	69.2	181.4	181.7	180.9
Denver—Boulder	812.3	818.9	821.3	24.1	27.0	27.2	41.9	41.0	41.8	126.0	126.9	126.8
CONNECTICUT	1,422.9	1,409.6	1,413.9	(2)	(2)	(2)	44.1	42.2	44.3	440.3	423.8	421.4
Bridgeport	167.0	166.3	167.5	(2)	(2)	(2)	3.9	3.6	3.9	64.3	64.3	64.2
Hartford	395.8	391.7	394.2	(2)	(2)	(2)	10.3	9.4	9.7	98.7	92.7	92.3
New Britain	63.1	60.8	61.2	(2)	(2)	(2)	1.8	1.7	1.8	29.8	27.5	27.5
New Haven—West Haven	188.3	185.9	186.9	(2)	(2)	(2)	5.6	5.3	5.4	43.2	40.5	40.4
Stamford	110.4	111.0	111.5	(2)	(2)	(2)	5.4	5.5	5.6	32.5	31.9	31.8
Waterbury	86.6	86.7	87.0	(2)	(2)	(2)	2.3	2.2	2.4	31.8	31.6	31.3
DELAWARE	254.8	248.0	253.6	(1)	(1)	(1)	12.0	12.2	12.9	71.1	66.4	69.6
Wilmington	227.0	219.4	224.3	(1)	(1)	(1)	12.5	12.0	12.9	65.4	60.4	63.5
DISTRICT OF COLUMBIA	612.5	598.9	599.4	(1)	(1)	(1)	11.5	11.3	11.4	15.3	14.2	14.2
Washington SMSA	1,594.5	1,568.4	1,575.6	(1)	(1)	(1)	75.7	64.2	65.7	58.9	58.5	58.7
FLORIDA	3,739.9	3,816.1	3,830.3	11.3	10.8	10.7	280.7	264.1	262.4	466.5	468.8	467.4
Bradenton	46.7	49.5	49.7	–	–	–	4.3	4.7	4.6	7.7	7.4	7.1
Daytona Beach	81.8	80.8	81.0				5.2	4.9	4.7	8.7	8.3	8.4
Fort Lauderdale—Hollywood	372.2	357.9	359.9	(1)	(1)	(1)	33.3	26.1	26.1	41.8	41.0	41.0
Fort Myers—Cape Coral	72.9	71.8	71.5	(1)	(1)	(1)	9.3	8.2	8.0	3.7	3.8	3.8
Gainesville	67.7	70.3	70.7	(1)	(1)	(1)	3.4	3.0	3.1	4.3	4.5	4.5
Jacksonville	300.4	301.0	301.2	(1)	(1)	(1)	18.0	17.8	17.5	33.6	33.0	33.0
Lakeland—Winter Haven	127.4	122.7	121.8	6.2	5.8	5.6	10.0	9.5	9.4	24.6	23.0	22.1
Melbourne—Titusville—Cocoa	104.6	106.4	106.8	(1)	(1)	(1)	6.6	6.0	5.9	22.8	24.5	24.5
Miami	757.5	737.7	737.9	(1)	(1)	(1)	42.2	36.4	36.0	101.3	98.4	98.8
Orlando	299.5	301.3	302.0	(1)	(1)	(1)	21.9	18.4	18.5	37.9	39.0	38.8
Panama City	34.3	34.1	34.3	(1)	(1)	(1)	2.1	2.1	2.1	3.7	3.4	3.4
Pensacola	99.6	98.7	99.1	(1)	(1)	(1)	7.5	6.3	6.4	12.6	12.1	12.1
Sarasota	74.4	73.8	74.2	(1)	(1)	(1)	7.7	6.4	6.5	6.4	6.3	6.2
Tallahassee	76.9	74.4	74.2	(1)	(1)	(1)	3.7	3.3	3.4	2.8	2.9	2.9
Tampa—St. Petersburg	576.2	576.3	576.2	(1)	(1)	(1)	42.6	39.9	38.7	79.6	78.5	78.2
West Palm Beach—Boca Raton	224.8	227.9	227.4	(1)	(1)	(1)	21.8	19.0	18.6	28.8	29.1	29.3

See footnotes at end of table

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

TRANSPORTATION AND PUBLIC UTILITIES			WHOLESALE AND RETAIL TRADE			FINANCE, INSURANCE, AND REAL ESTATE			SERVICES			GOVERNMENT			
MAR. 1981	FEB. 1982	MAR. 1982P	MAR. 1981	FEB. 1982	MAR. 1982P	MAR. 1981	FEB. 1982	MAR. 1982P	MAR. 1981	FEB. 1982	MAR. 1982P	MAR. 1981	FEB. 1982	MAR. 1982P	
71.7	70.9	70.4	266.3	270.5	270.5	59.0	59.1	59.0	209.7	212.2	213.2	302.2	293.3	294.5	1
29.3	29.5	29.7	80.5	80.2	80.3	22.9	22.8	22.9	68.4	69.7	70.0	54.7	54.3	54.3	2
2.6	2.7	2.7	21.2	21.9	22.2	3.6	3.6	3.5	18.1	19.2	19.2	34.6	35.8	35.7	3
10.7	10.4	10.2	36.2	36.0	35.8	7.2	7.3	7.3	29.3	30.2	30.3	28.1	26.6	26.8	4
4.4	4.4	4.4	23.2	23.0	23.0	6.2	6.2	6.2	20.9	20.7	20.8	29.6	29.4	29.5	5
1.8	1.7	1.7	9.7	9.7	9.7	1.7	1.7	1.7	6.7	6.5	6.5	18.7	18.1	18.3	6
16.8	16.9	17.1	28.4	30.8	31.3	8.1	8.7	8.7	29.4	31.2	31.8	57.0	58.5	59.2	7
53.0	55.5	55.1	252.6	262.4	262.3	60.0	62.3	62.3	215.7	222.5	223.6	209.4	206.7	207.7	8
32.3	34.0	34.0	169.3	175.6	175.4	46.5	48.2	48.3	140.3	147.3	147.9	104.7	103.4	103.8	9
8.9	9.0	9.0	41.9	43.4	43.6	8.6	8.9	8.8	41.2	42.9	43.1	46.7	45.4	45.6	10
42.3	42.5	42.5	156.2	156.8	158.5	31.3	31.8	32.1	116.8	115.2	116.3	144.1	139.8	140.4	11
3.9	3.9	3.9	15.3	16.3	16.2	2.2	2.3	2.3	9.2	9.4	9.6	11.9	11.6	11.7	12
3.6	3.3	3.2	14.4	13.9	14.0	2.5	2.6	2.6	12.9	12.0	12.0	10.6	10.2	10.3	13
13.5	13.1	13.0	41.0	40.6	40.7	12.7	12.6	12.7	35.0	35.8	36.0	37.9	37.5	37.6	14
3.9	3.8	3.8	6.1	6.1	6.2	1.3	1.3	1.3	5.0	5.3	5.3	6.9	6.7	6.7	15
543.2	546.5	548.6	2,258.4	2,316.6	2,322.2	640.7	654.3	656.8	2,231.2	2,308.6	2,326.3	1,803.9	1,777.4	1,787.1	16
28.7	29.7	29.6	206.0	213.4	213.7	61.1	62.6	62.7	179.4	183.9	185.1	110.2	105.3	106.5	17
7.8	7.8	7.7	33.7	33.9	33.8	5.0	5.3	5.3	24.2	24.9	24.9	32.4	32.5	32.7	18
10.6	10.6	10.6	45.9	47.5	47.7	11.3	11.7	11.7	36.8	37.7	38.1	43.2	41.1	42.1	19
198.4	195.7	195.7	809.6	817.3	817.9	239.2	241.0	241.7	865.5	877.2	883.6	494.0	472.1	474.9	20
3.7	3.7	3.7	21.1	21.4	21.8	3.5	3.6	3.6	17.2	18.0	18.1	17.5	17.0	17.2	21
6.5	7.1	7.1	36.7	39.2	39.5	8.0	8.5	8.5	31.4	32.6	32.7	38.9	38.7	38.4	22
25.8	26.4	25.9	106.6	109.2	109.9	19.6	20.1	20.1	95.3	96.8	97.2	104.7	103.3	103.6	23
21.7	22.4	22.5	91.8	94.7	94.6	21.9	22.7	22.5	77.3	79.1	79.2	144.1	144.5	144.5	24
5.2	4.9	4.9	22.2	23.1	23.1	4.3	4.3	4.3	19.5	20.1	20.0	24.5	25.2	24.9	25
29.0	29.4	29.4	148.8	151.1	150.8	40.4	41.3	41.3	151.9	157.2	157.6	145.3	142.3	143.1	26
128.4	129.4	128.3	355.9	362.1	362.7	148.7	152.3	152.9	364.8	376.1	376.7	293.3	287.0	287.7	27
21.8	22.4	22.4	126.4	131.1	132.3	28.4	28.6	28.6	156.8	160.2	161.9	82.7	80.8	82.7	28
5.0	5.3	5.3	28.5	29.2	29.4	5.9	6.0	6.0	33.3	34.6	34.7	25.3	24.8	24.8	29
4.6	4.8	4.8	22.4	23.3	23.4	6.0	6.0	6.0	19.9	20.1	20.2	20.4	20.4	20.5	30
8.4	7.7	7.8	26.4	27.5	27.3	5.4	5.4	5.4	24.7	25.5	25.5	27.8	27.5	27.5	31
4.5	4.4	4.4	21.2	22.4	22.5	3.3	3.4	3.4	19.8	20.2	20.2	35.0	35.5	35.2	32
79.8	80.4	80.4	305.6	308.4	309.0	79.1	80.4	80.7	268.2	269.1	271.0	248.9	243.9	245.4	33
55.9	56.0	55.9	191.4	193.5	193.4	56.0	57.4	57.5	176.1	179.6	180.6	140.8	137.4	137.9	34
60.8	59.9	60.2	297.1	300.2	301.4	108.2	113.6	113.9	284.0	287.1	289.5	188.4	182.8	183.2	35
6.0	6.0	6.0	34.0	34.2	34.3	7.7	7.6	7.7	34.0	33.7	34.4	17.1	16.9	17.0	36
14.1	14.3	14.4	82.8	83.0	84.7	61.8	62.0	62.6	74.2	74.8	76.2	54.1	54.6	54.3	37
3.1	3.3	3.3	10.2	10.2	10.3	1.8	1.8	1.8	9.7	10.0	10.1	6.7	6.3	6.4	38
15.5	15.6	15.7	39.7	39.7	40.1	10.9	11.3	11.3	48.3	49.1	49.5	25.1	24.4	24.5	39
4.6	4.6	4.6	24.9	25.5	25.6	8.1	8.4	8.5	24.7	24.8	25.1	10.2	10.3	10.3	40
3.1	3.0	3.1	15.4	15.5	15.7	3.7	3.8	3.8	18.6	19.1	19.3	11.7	11.5	11.4	41
12.1	11.7	11.8	53.9	53.8	54.0	12.4	12.8	12.8	47.4	47.8	48.3	45.8	43.2	44.1	42
11.7	11.4	11.6	46.5	46.2	45.9	11.6	12.0	12.0	42.4	42.8	43.2	36.8	34.5	35.3	43
26.1	26.1	26.0	62.1	63.1	63.1	34.5	33.5	33.5	186.9	186.6	187.2	276.1	264.1	264.0	44
71.7	71.6	71.8	301.6	309.1	309.6	90.7	90.1	90.5	443.6	446.1	447.9	552.3	528.8	531.4	45
227.3	229.1	228.9	988.4	1,026.9	1,036.4	268.9	280.2	284.4	863.6	914.6	921.8	633.2	621.6	618.3	46
1.4	1.4	1.5	12.9	12.5	12.7	2.9	3.7	3.8	8.8	9.6	9.8	8.7	10.2	10.2	47
3.3	3.2	3.3	23.2	23.1	23.3	4.6	4.6	4.7	22.2	21.9	21.7	14.6	14.8	14.9	48
17.7	17.6	17.6	110.6	104.3	105.7	31.3	32.4	32.6	89.3	87.8	88.1	48.2	48.7	48.8	49
4.2	4.4	4.4	21.6	20.1	20.1	6.3	6.6	6.6	16.4	16.9	16.8	11.4	11.8	11.8	50
1.6	1.7	1.7	14.1	14.6	14.7	2.9	3.2	3.3	13.8	14.6	14.7	27.6	28.7	28.7	51
24.7	24.9	25.2	77.7	78.0	77.9	28.3	28.0	28.1	63.5	65.1	65.2	54.6	54.2	54.3	52
5.3	5.3	5.2	31.6	30.2	30.1	6.9	6.8	7.0	25.0	24.5	24.6	17.8	17.6	17.8	53
4.6	4.6	4.6	22.8	22.4	22.7	4.2	4.2	4.2	24.8	26.4	26.5	18.8	18.3	18.4	54
74.2	71.2	71.5	199.7	196.6	195.7	57.2	57.5	57.8	185.0	181.2	181.4	98.0	96.4	96.7	55
15.1	15.8	15.8	81.6	81.8	81.6	20.2	20.5	20.7	80.7	80.9	82.4	42.1	44.9	45.1	56
2.2	2.2	2.1	9.3	9.3	9.5	1.6	1.7	1.7	6.7	6.7	6.7	8.7	8.7	8.8	57
5.1	4.8	4.8	23.5	24.4	24.5	4.3	4.5	4.5	20.4	20.9	21.0	26.2	25.7	25.8	58
3.2	3.3	3.3	22.9	22.5	23.4	6.0	6.1	6.2	18.3	19.0	18.4	9.9	10.2	10.2	59
3.0	3.0	3.0	15.6	15.7	15.4	3.4	3.5	3.6	13.8	13.7	13.5	34.6	32.3	32.4	60
31.8	32.5	32.6	158.8	160.5	161.5	40.8	42.1	42.3	139.7	138.5	138.5	82.9	84.3	84.4	61
9.1	9.6	9.6	59.6	61.8	62.0	18.6	19.0	19.0	55.5	57.7	58.0	31.4	31.7	31.9	62

ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

	State and areas	Total			Mining			Construction			Manufacturing		
		MAR. 1981	FEB. 1982	MAR. 1982P	MAR. 1981	FEB. 1982	MAR. 1982P	MAR. 1981	FEB. 1982	MAR. 1982P	MAR. 1981	FEB. 1982	MAR. 1982P
1	**GEO**	2,186.3	2,160.7	2,159.9	7.7	7.9	7.9	102.8	99.3	100.1	521.5	505.4	498.1
2	Alba	44.2	45.0	46.0	(1)	(1)	(1)	1.9	2.4	2.4	11.8	11.9	11.9
3	Atlanta	991.2	989.6	991.4	(1)	(1)	(1)	45.9	44.7	44.0	148.0	143.2	142.4
4	Aug	122.1	122.5	122.2	(1)	(1)	(1)	5.5	4.8	4.8	35.7	35.3	34.9
5	Colu	81.4	78.2	76.5	(1)	(1)	(1)	4.5	5.3	5.1	21.8	18.5	17.3
6	Mac	97.5	98.3	98.3	(1)	(1)	(1)	3.8	3.8	3.9	16.4	16.9	16.8
7	Savannah	86.8	89.3	89.8	(1)	(1)	(1)	4.7	4.9	4.8	16.5	16.4	16.2
8	**HAWAII**	407.7	402.2	403.3	(1)	(1)	(1)	22.8	20.3	20.3	22.9	22.2	21.9
9	Honolulu	335.2	329.5	330.4	(1)	(1)	(1)	18.2	16.4	16.5	16.5	15.8	15.6
10	**IDAHO**	324.8	313.4	314.5	4.9	3.4	3.3	14.9	13.7	14.3	51.4	48.0	47.9
11	Boise City	78.0	74.6	75.5	(1)	(1)	(1)	5.3	4.8	4.8	8.5	8.5	8.6
12	**ILLINOIS**	4,711.7	4,614.3	4,625.6	28.2	28.2	28.2	153.4	136.5	143.7	1,135.7	1,064.3	1,058.2
13	Bloomington—Normal	50.8	49.7	49.6	(2)	(2)	(2)	1.5	1.2	1.4	7.0	6.3	6.2
14	Champaign—Urbana—Rantoul	76.4	76.0	76.5	(2)	(2)	(2)	1.3	1.2	1.3	7.7	7.7	7.7
15	Chicago—Gary	3,448.1	3,397.8	3,391.0	5.0	3.9	3.8	115.4	97.8	100.6	902.7	814.4	809.1
16	Chicago SMSA	3,212.2	3,159.2	3,152.6	3.9	3.8	3.7	95.5	84.7	87.4	777.0	730.7	726.2
17	Davenport—Rock Island—Moline	163.0	158.7	156.1	(2)	(2)	(2)	6.7	6.4	6.6	51.3	47.4	44.7
18	Decatur	55.6	54.6	54.8	(2)	(2)	(2)	2.0	1.8	2.0	20.1	19.7	19.4
19	Kankakee	33.5	32.6	32.7	(2)	(2)	(2)	1.4	1.4	1.5	9.3	8.2	8.1
20	Peoria	145.7	142.8	142.8	(2)	(2)	(2)	6.0	5.4	5.7	47.3	45.1	44.5
21	Rockford	115.5	109.1	111.4	(2)	(2)	(2)	3.2	3.1	3.1	48.8	42.7	45.3
22	Springfield	85.5	85.1	85.6	(2)	(2)	(2)	3.4	3.2	3.4	6.6	6.3	6.4
23	**INDIANA**	2,110.9	2,021.0	2,025.4	9.5	8.2	8.7	78.3	67.2	69.4	660.9	612.1	609.2
24	Anderson	46.1	41.6	41.7	(1)	(1)	(1)	.9	1.0	1.0	20.1	16.4	16.4
25	Elkhart	67.4	64.6	65.2	-	-	-	2.0	1.7	1.7	34.2	32.7	33.1
26	Evansville	126.1	122.9	123.5	2.8	2.6	2.5	6.0	6.0	6.1	37.1	33.8	34.5
27	Fort Wayne	169.6	163.3	163.0	(1)	(1)	(1)	6.7	6.2	6.1	53.5	49.5	49.4
28	Gary—Hammond—East Chicago	251.0	238.6	238.4	(1)	(1)	(1)	14.2	13.1	13.2	92.9	83.7	82.9
29	Indianapolis	528.1	515.6	517.0	(1)	(1)	(1)	20.2	18.2	18.8	122.7	117.0	116.4
30	Lafayette—West Lafayette	57.5	57.6	56.9	(1)	(1)	(1)	2.1	2.1	2.0	11.1	10.9	10.8
31	Muncie	49.4	46.5	46.7	(1)	(1)	(1)	1.1	.9	.9	13.0	10.7	10.8
32	South Bend	107.2	103.0	103.3	(1)	(1)	(1)	4.4	3.3	3.3	30.4	29.2	29.6
33	Terre Haute	62.2	57.9	57.7	1.3	1.4	1.4	3.0	2.4	2.4	15.1	13.6	13.6
34	**IOWA**	1,091.3	1,049.3	1,046.5	1.7	1.3	1.5	40.0	32.1	33.7	237.3	221.9	211.1
35	Cedar Rapids	81.8	78.0	77.8	(1)	(1)	(1)	3.1	2.6	2.6	26.1	24.6	24.2
36	Des Moines	177.3	171.3	171.1	(1)	(1)	(1)	6.2	4.6	4.8	24.1	21.5	21.4
37	Dubuque	41.8	39.9	39.8	(1)	(1)	(1)	1.1	.9	.9	14.5	12.9	12.9
38	Sioux City	48.9	48.0	48.3	(1)	(1)	(1)	1.9	1.2	1.3	9.1	9.0	8.8
39	Waterloo—Cedar Falls	65.3	61.5	52.6	(1)	(1)	(1)	2.0	1.8	1.6	23.2	20.5	11.5
40	**KANSAS**	946.7	933.4	940.6	18.3	20.0	20.2	41.4	32.6	36.1	189.0	183.1	180.3
41	Lawrence	28.6	28.4	28.5	(2)	(2)	(2)	.8	.7	.6	4.7	4.5	4.5
42	Topeka	85.9	84.3	84.5	.2	.1	.1	3.2	2.5	2.5	10.3	9.8	9.9
43	Wichita	207.9	201.6	201.6	3.2	3.8	3.8	9.2	7.7	8.7	65.1	61.9	59.8
44	**KENTUCKY**	1,190.9	1,186.2	1,169.0	52.7	53.2	54.1	49.0	41.4	43.4	271.2	260.4	253.9
45	Lexington—Fayette	141.6	(*)	(*)	(1)	(1)	(1)	5.9	(*)	(*)	29.2	(*)	(*)
46	Louisville	385.6	372.0	370.4	(1)	(1)	(1)	15.2	15.2	15.8	100.4	93.1	89.0
47	Owensboro	31.0	28.0	28.0	1.0	.8	.8	1.7	1.2	1.2	6.8	5.9	6.0
48	**LOUISIANA**	1,602.7	1,627.0	1,629.9	94.4	100.8	100.8	135.4	135.1	136.1	216.5	208.6	207.2
49	Alexandria	52.6	53.3	53.4	(1)	(1)	(1)	3.7	3.6	3.7	5.3	5.2	5.2
50	Baton Rouge	203.3	205.7	205.9	1.2	1.3	1.3	25.4	21.1	20.9	25.7	25.8	25.8
51	Lafayette	85.8	93.8	94.2	17.6	20.0	20.3	5.6	5.5	5.5	4.4	5.1	5.0
52	Lake Charles	69.9	68.6	68.1	2.2	2.5	2.5	10.4	8.3	8.1	13.5	12.3	12.3
53	Monroe	51.1	49.0	48.7	.6	.7	.7	3.3	2.7	2.7	8.0	7.4	7.2
54	New Orleans	514.9	516.4	515.4	19.0	21.3	21.5	31.0	30.0	30.0	51.6	50.0	49.7
55	Shreveport	149.2	151.7	152.6	7.4	8.1	8.1	8.4	7.9	7.8	27.2	28.1	28.2
56	**MAINE**	406.2	399.7	398.9	(1)	(1)	(1)	14.1	12.7	12.5	111.9	107.4	106.6
57	Lewiston—Auburn	34.0	32.9	33.1	(1)	(1)	(1)	1.1	1.0	1.0	11.5	10.8	10.9
58	Portland	89.9	92.4	93.0	(1)	(1)	(1)	3.1	3.2	3.2	18.3	17.4	17.4
59	**MARYLAND**	1,706.5	1,653.2	1,662.6	(1)	(1)	(1)	95.8	74.9	77.9	232.6	218.9	216.9
60	Baltimore SMSA	959.0	930.4	933.3	(1)	(1)	(1)	46.5	34.3	36.1	157.4	146.4	144.3
61	Baltimore City	456.2	434.9	436.3	(1)	(1)	(1)	17.0	13.3	14.6	66.3	60.1	59.9

See footnotes at end of table.

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

TRANSPORTATION AND PUBLIC UTILITIES			WHOLESALE AND RETAIL TRADE			FINANCE, INSURANCE, AND REAL ESTATE			SERVICES			GOVERNMENT			
MAR. 1981	FEB. 1982	MAR. 1982P	MAR. 1981	FEB. 1982	MAR. 1982P	MAR. 1981	FEB. 1982	MAR. 1982P	MAR. 1981	FEB. 1982	MAR. 1982P	MAR. 1981	FEB. 1982	MAR. 1982P	
143.3	141.9	142.4	501.9	492.5	494.1	113.3	114.1	114.2	355.8	360.8	364.7	440.8	438.9	438.4	1
2.3	2.2	2.3	9.2	9.5	9.5	2.0	2.0	2.0	6.2	6.3	6.3	10.8	10.7	11.7	2
88.6	88.4	88.7	268.2	268.0	270.5	67.7	67.5	67.5	207.8	215.6	216.0	164.9	162.2	162.3	3
4.3	4.5	4.5	22.2	22.5	22.5	4.5	4.5	4.5	18.0	18.3	18.3	31.8	32.5	32.7	4
3.3	3.2	3.2	15.7	15.8	15.6	5.3	5.4	5.4	11.3	11.2	11.3	19.4	18.7	18.7	5
4.5	4.4	4.4	19.8	20.1	20.0	6.1	6.2	6.3	17.2	17.0	17.2	29.7	29.8	29.8	6
9.0	8.4	9.1	21.2	21.9	21.8	4.0	4.0	4.1	15.3	16.3	16.5	16.0	17.3	17.3	7
31.6	30.5	30.5	105.9	104.7	104.9	32.0	32.4	32.2	101.8	102.2	102.4	90.7	89.9	91.1	8
26.4	25.5	25.4	87.8	86.8	86.9	27.4	27.8	27.7	81.7	80.7	80.7	77.2	76.5	77.6	9
19.9	19.0	18.9	79.3	77.6	77.8	23.1	23.2	23.2	60.2	58.5	58.6	71.1	70.0	70.5	10
5.1	4.7	4.8	19.7	19.1	19.3	8.1	7.8	7.8	14.6	14.0	14.1	16.7	15.7	16.1	11
285.6	274.8	275.5	1,083.5	1,068.9	1,072.4	313.2	313.5	314.1	946.4	956.0	959.6	765.7	772.1	773.9	12
3.1	3.1	3.2	12.1	11.7	11.8	7.6	7.9	7.8	8.4	8.4	8.4	11.1	11.1	10.8	13
2.5	2.5	2.5	19.4	18.5	18.7	2.5	2.4	2.4	11.3	11.5	11.6	31.7	32.2	32.3	14
212.2	206.7	206.5	786.9	799.0	801.4	226.8	250.7	249.4	684.4	742.3	734.0	514.8	483.0	486.2	15
198.0	192.6	192.5	755.1	740.0	751.3	241.0	241.7	240.4	690.7	704.8	696.3	451.0	451.9	454.8	16
6.7	6.8	6.8	40.2	39.7	39.7	7.2	7.2	7.2	24.9	24.9	24.9	26.0	26.3	26.2	17
5.2	5.2	5.2	11.6	11.5	11.5	2.7	2.6	2.7	8.6	8.6	8.6	5.4	5.2	5.4	18
1.4	1.4	1.4	6.8	6.8	6.9	1.1	1.1	1.1	6.4	6.5	6.5	7.1	7.2	7.2	19
7.9	7.9	7.9	34.4	33.9	34.0	7.1	7.0	7.0	25.5	25.8	26.0	17.5	17.7	17.7	20
4.4	4.4	4.4	24.3	23.9	24.0	4.1	4.3	4.3	18.3	18.2	18.2	12.4	12.5	12.1	21
4.7	4.7	4.7	18.5	18.1	18.1	6.7	6.7	6.7	17.4	17.7	17.8	28.2	28.4	28.5	22
104.2	98.5	97.6	462.2	451.1	453.3	100.7	98.7	99.0	336.8	340.2	341.8	358.3	345.1	346.4	23
1.3	1.2	1.2	9.1	8.9	8.9	1.6	1.6	1.5	7.2	7.1	7.2	5.9	5.4	5.5	24
2.1	2.0	2.0	13.0	12.5	12.5	2.1	2.1	2.1	8.8	8.8	8.8	5.2	4.9	5.0	25
7.1	7.0	7.0	30.4	31.0	31.1	4.6	4.6	4.6	25.1	25.2	25.1	13.0	12.6	12.6	26
10.7	10.5	10.4	41.0	40.6	40.5	10.6	10.4	10.4	28.7	28.5	28.4	18.4	17.6	17.8	27
14.4	14.1	14.0	50.6	50.0	50.1	9.2	9.0	9.0	37.3	37.6	37.8	32.4	31.1	31.4	28
30.9	29.9	29.8	130.2	129.1	129.6	38.4	38.0	37.9	95.9	97.1	97.6	89.8	86.3	86.9	29
1.5	1.4	1.4	10.9	11.0	11.0	2.5	2.5	2.5	9.3	9.4	9.4	20.1	20.3	19.8	30
2.0	2.0	2.0	12.1	12.0	12.1	1.5	1.4	1.4	8.1	8.2	8.2	11.6	11.3	11.3	31
4.6	4.4	4.4	25.8	24.6	24.5	5.3	5.2	5.2	23.8	23.5	23.6	12.9	12.8	12.7	32
3.5	3.2	3.2	15.3	13.9	13.8	2.2	1.9	1.9	9.4	9.3	9.2	12.4	12.2	12.2	33
54.2	51.4	51.3	272.3	261.8	264.5	58.6	58.8	58.9	209.7	209.7	210.7	217.4	212.4	214.9	34
3.8	3.7	3.7	19.2	18.0	18.1	4.3	4.2	4.2	15.7	15.9	15.9	9.4	9.0	9.1	35
11.0	10.9	10.9	45.7	44.7	44.3	21.9	22.7	22.7	39.9	39.5	39.7	28.6	27.2	27.2	36
1.6	1.5	1.6	9.0	8.8	8.7	1.3	1.3	1.3	10.3	10.8	10.8	3.9	3.6	3.7	37
3.8	3.7	3.7	12.9	12.7	12.9	2.6	2.7	2.7	12.1	12.4	12.5	6.3	6.3	6.4	38
2.3	2.3	2.3	13.5	13.1	13.1	2.1	2.0	2.0	10.9	10.8	10.9	11.3	10.9	11.0	39
62.4	61.3	61.8	224.0	222.9	225.3	47.3	47.2	47.3	171.8	175.9	177.8	192.5	190.4	191.8	40
1.4	1.4	1.4	5.5	5.6	5.6	.9	.8	.8	3.9	4.1	4.2	11.4	11.3	11.4	41
8.1	7.9	7.9	18.3	18.1	18.1	6.0	6.0	5.9	17.5	17.9	18.0	22.3	22.0	22.1	42
10.3	10.2	10.2	46.6	45.3	45.9	9.5	9.5	9.5	39.5	40.2	40.5	24.5	23.0	23.2	43
66.9	65.5	65.1	254.4	248.9	249.8	52.3	51.6	51.3	212.7	214.1	214.7	231.7	231.1	231.7	44
7.5	(*)	(*)	31.1	(*)	(*)	7.3	(*)	(*)	27.5	(*)	(*)	33.1	(*)	(*)	45
23.7	22.7	22.8	86.1	85.4	85.8	24.0	23.8	23.8	76.1	76.4	77.8	60.1	55.3	55.3	46
2.3	2.3	2.3	7.1	6.3	6.2	1.2	1.3	1.3	6.1	5.5	5.5	4.8	4.7	4.7	47
130.5	131.0	130.8	360.0	370.1	371.0	76.3	75.5	75.7	282.5	294.5	295.1	307.1	311.4	313.2	48
2.4	2.3	2.3	11.4	11.7	11.8	2.9	2.9	2.9	11.0	11.5	11.5	15.9	16.1	16.0	49
10.4	11.1	11.1	45.1	47.1	47.3	11.9	12.3	12.4	34.6	37.5	37.0	49.0	49.5	50.1	50
6.3	7.1	7.2	22.1	24.2	24.4	3.0	3.3	3.3	16.2	17.8	17.7	10.6	10.8	10.8	51
4.3	4.4	4.3	14.6	15.4	15.4	2.9	3.0	3.0	10.6	11.3	11.2	11.4	11.4	11.3	52
2.6	2.5	2.5	13.0	12.6	12.4	3.9	3.8	3.8	8.7	8.4	8.5	11.0	10.9	10.9	53
55.7	55.6	55.7	127.8	130.1	128.7	30.8	31.3	31.2	116.7	116.7	117.2	82.3	81.4	81.4	54
9.3	9.0	8.9	35.4	35.3	35.8	7.2	6.9	7.1	28.3	30.4	30.7	26.0	26.0	26.0	55
18.0	17.9	18.0	83.8	83.5	84.1	16.5	17.2	17.3	76.7	76.7	76.5	85.2	84.3	83.9	56
1.2	1.2	1.1	7.8	7.6	7.8	1.7	1.8	1.7	7.5	7.6	7.7	3.2	2.9	3.0	57
5.4	5.4	5.5	23.5	24.7	24.8	7.4	7.7	7.8	19.1	20.9	21.2	13.1	13.1	13.1	58
86.1	83.5	83.8	395.9	398.5	400.9	92.0	92.4	92.8	369.8	371.2	372.9	434.3	413.8	417.4	59
58.4	55.6	55.6	215.8	220.4	221.5	57.1	57.4	57.6	196.5	199.1	199.2	227.3	217.2	218.5	60
39.9	38.6	38.3	96.7	95.6	96.1	38.2	38.4	38.5	106.1	106.4	106.1	92.0	82.5	82.8	61

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

State and areas	Total			Mining			Construction			Manufacturing		
	MAR. 1981	FEB. 1982	MAR. 1982P	MAR. 1981	FEB. 1982	MAR. 1982P	MAR. 1981	FEB. 1982	MAR. 1982P	MAR. 1981	FEB. 1982	MAR. 1982P
MASSACHUSETTS	2,639.2	2,589.4	2,606.3	(1)	(1)	(1)	68.4	66.0	69.6	664.9	644.5	642.5
Boston[1]	1,474.6	1,454.6	1,467.6	(1)	(1)	(1)	38.8	37.1	38.6	293.3	285.3	285.6
Brockton[1]	57.5	56.6	56.8	(1)	(1)	(1)	1.3	1.2	1.2	12.5	12.2	12.4
Fall River[1]	53.5	51.8	52.3	(1)	(1)	(1)	1.0	.9	.9	20.1	19.1	19.4
Lawrence—Haverhill[1]	115.4	112.6	112.8	(1)	(1)	(1)	2.4	2.2	2.3	46.7	44.4	44.3
Lowell[1]	78.4	78.9	79.3	(1)	(1)	(1)	2.3	2.3	2.4	28.8	29.8	29.8
New Bedford[1]	64.0	61.9	62.1	(1)	(1)	(1)	1.2	1.1	1.2	25.9	25.1	24.9
Springfield—Chicopee—Holyoke[1]	235.3	230.1	230.8	(1)	(1)	(1)	5.3	4.9	5.1	63.2	61.1	60.8
Worcester[1]	165.2	162.3	163.3	(1)	(1)	(1)	4.3	4.0	4.2	47.7	45.8	45.2
MICHIGAN	3,375.1	3,218.2	3,227.4	11.8	11.1	10.8	94.4	78.2	76.8	993.2	897.6	931.6
Ann Arbor	139.5	133.9	133.6	(1)	(1)	(1)	2.3	1.8	1.6	38.1	34.8	34.6
Battle Creek	62.0	60.0	60.9	(1)	(1)	(1)	1.3	1.1	1.2	19.4	18.0	18.5
Bay City	34.1	33.8	33.9	(1)	(1)	(1)	.9	1.0	1.0	8.8	8.4	9.2
Benton Harbor	58.5	56.7	56.9	(1)	(1)	(1)	1.5	1.3	1.4	20.3	19.8	19.7
Detroit	1,636.6	1,545.5	1,557.2	1.1	.8	.8	43.4	36.6	35.6	479.2	424.6	432.2
Flint	190.8	175.2	175.8	(1)	(1)	(1)	4.4	4.2	3.9	75.2	63.7	62.9
Grand Rapids	266.1	261.9	263.2	(1)	(1)	(1)	9.6	8.7	9.1	89.1	86.0	86.1
Jackson	50.8	49.0	48.3	(1)	(1)	(1)	1.0	.8	.8	14.2	13.6	13.3
Kalamazoo—Portage	110.0	107.4	107.5	(1)	(1)	(1)	3.7	3.4	3.4	32.6	30.4	30.6
Lansing—East Lansing	192.4	189.2	188.5	(1)	(1)	(1)	4.7	2.8	2.9	39.8	39.2	38.1
Muskegon—Norton Shores—Musk. Hts	58.1	57.5	57.5	(1)	(1)	(1)	1.7	1.6	1.5	19.6	19.4	19.2
Saginaw	85.5	79.4	79.4	(1)	(1)	(1)	2.2	1.9	1.9	30.5	25.0	24.6
MINNESOTA	1,737.9	1,710.1	1,715.4	14.9	13.7	11.7	57.1	52.2	53.6	357.2	346.6	346.7
Duluth—Superior	58.0	55.5	55.1	(1)	(1)	(1)	1.7	1.1	1.2	7.2	7.1	6.7
Minneapolis—St. Paul	1,085.3	1,070.5	1,072.4	(1)	(1)	(1)	36.1	30.6	31.2	241.3	237.3	237.4
Rochester	50.3	50.0	50.2	(2)	(2)	(2)	1.5	1.4	1.4	10.1	9.9	9.9
St. Cloud	54.6	53.4	53.5	(1)	(1)	(1)	2.5	1.9	2.3	11.9	11.2	11.3
MISSISSIPPI	817.2	808.6	809.4	12.0	12.9	12.8	40.5	40.2	40.6	217.9	212.4	211.9
Jackson	147.1	146.3	146.6	1.9	2.1	2.2	6.5	5.4	5.6	18.7	18.0	17.9
MISSOURI	1,950.3	1,920.3	1,939.8	7.1	6.7	7.0	76.5	71.7	79.8	427.5	415.2	416.3
Kansas City	622.4	598.8	602.1	.5	.4	.5	22.2	18.0	19.3	119.5	111.5	114.5
St. Joseph	37.3	35.1	34.9	(2)	(2)	(2)	1.8	1.5	1.6	9.2	8.0	8.1
St. Louis	987.2	959.5	968.4	3.4	3.3	3.4	42.6	34.8	39.5	231.9	222.5	221.2
Springfield	86.6	84.6	85.5	(2)	(2)	(2)	3.0	2.5	2.9	17.9	17.6	17.7
MONTANA	276.3	288.9	288.5	11.0	11.9	11.1	10.8	12.7	14.2	22.3	22.0	20.9
Billings	46.9	49.1	49.0	(1)	(1)	(1)	1.8	2.3	2.4	4.2	4.3	4.1
Great Falls	28.7	30.5	30.9	(1)	(1)	(1)	1.2	1.6	1.7	1.3	1.5	1.5
NEBRASKA	615.3	610.1	611.5	1.6	1.4	1.5	25.2	20.2	21.1	94.0	90.9	88.8
Lincoln	97.3	97.6	98.1	(2)	(2)	(2)	3.3	2.5	2.5	13.0	12.6	12.3
Omaha	260.7	257.6	258.0	(2)	(2)	(2)	9.7	7.6	8.0	35.2	34.4	34.2
NEVADA	404.2	412.3	413.8	7.7	7.6	7.6	25.3	22.4	23.0	19.5	20.5	20.4
Las Vegas	275.8	281.1	281.6	.5	.6	.6	14.0	13.6	14.1	7.2	7.6	7.5
Reno	112.4	114.7	115.2	.9	.7	.7	6.6	5.3	5.3	8.2	8.4	8.3
NEW HAMPSHIRE	382.6	386.3	386.8	(2)	(2)	(2)	16.7	19.7	19.8	115.4	113.0	113.4
Manchester	73.6	74.2	74.3	(2)	(2)	(2)	2.8	2.6	2.6	17.0	16.9	16.9
Nashua	65.5	66.8	67.3	(2)	(2)	(2)	2.3	2.4	2.4	30.7	30.3	30.3
NEW JERSEY	3,036.7	3,025.7	3,036.5	2.3	2.2	2.3	97.5	100.1	104.5	768.0	744.0	738.9
Atlantic City[1]	95.9	96.9	98.4	-	-	-	5.4	5.1	5.4	8.3	7.2	7.3
Camden[1]	338.6	338.9	339.5	.1	.1	.1	11.9	11.2	12.1	70.4	68.7	68.0
Hackensack[1]	392.0	390.8	394.0	(1)	(1)	(1)	12.8	13.2	14.0	109.1	106.9	107.0
Jersey City[1]	223.3	221.3	222.0	-	-	-	4.4	4.8	5.1	65.4	64.8	64.4
Long Branch—Asbury Park[1]	162.5	164.7	165.2	(1)	(1)	(1)	5.8	6.3	6.4	25.1	24.7	24.4
New Bruns.—Perth Amboy—Sayreville[1]	291.8	286.6	288.5	(1)	(1)	(1)	9.1	10.0	10.7	90.6	87.3	87.3
Newark[1]	934.1	931.7	933.7	.7	.8	.9	26.7	27.8	29.3	245.8	237.1	235.9
Paterson—Clifton—Passaic[1]	189.4	186.3	186.8	(1)	(1)	(1)	5.7	5.7	5.7	67.0	66.1	65.6
Trenton[1]	162.1	159.5	160.0	(1)	(1)	(1)	2.7	3.0	3.1	33.7	31.0	31.0
Vineland—Millville—Bridgeton[1]	52.8	52.1	52.0	(1)	(1)	(1)	1.6	1.8	1.7	17.3	16.7	16.5
NEW MEXICO	470.6	471.2	472.7	30.6	30.7	30.6	31.5	30.5	31.0	33.7	33.2	33.2
Albuquerque	187.2	186.7	187.5	(1)	(1)	(1)	11.6	10.9	11.3	17.4	17.0	16.9
Las Cruces	30.0	30.9	31.2	-	-	-	1.7	1.7	1.7	2.6	2.7	2.7

See footnotes at end of table.

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

TRANSPORTATION AND PUBLIC UTILITIES			WHOLESALE AND RETAIL TRADE			FINANCE, INSURANCE, AND REAL ESTATE			SERVICES			GOVERNMENT			
MAR. 1981	FEB. 1982	MAR. 1982P	MAR. 1981	FEB. 1982	MAR. 1982P	MAR. 1981	FEB. 1982	MAR. 1982P	MAR. 1981	FEB. 1982	MAR. 1982P	MAR. 1981	FEB. 1982	MAR. 1982P	
119.1	116.3	116.9	560.5	562.9	566.6	160.6	164.1	165.2	656.8	664.2	674.2	408.9	371.4	371.3	1
71.5	69.0	69.3	314.8	317.0	319.4	110.8	115.4	115.9	437.7	443.9	452.5	207.7	188.9	188.3	2
3.4	3.5	3.6	14.9	14.9	14.9	2.1	2.2	2.2	10.6	10.7	10.8	12.7	11.9	11.7	3
1.8	1.8	1.8	11.4	11.3	11.4	2.8	2.9	2.9	8.9	9.0	9.1	7.5	6.8	6.8	4
4.9	4.9	4.9	21.6	22.0	22.2	4.1	4.3	4.3	18.0	18.4	18.5	17.7	16.4	16.3	5
3.2	3.3	3.3	16.3	16.5	16.7	2.1	2.1	2.1	12.7	13.1	13.2	13.0	11.8	11.8	6
2.3	2.3	2.3	12.2	12.1	12.2	2.0	1.9	2.0	9.9	10.3	10.4	10.3	9.1	9.1	7
9.3	9.2	9.3	47.9	47.3	47.8	13.0	13.3	13.2	47.0	48.6	48.7	49.6	45.7	45.9	8
7.2	7.6	7.5	35.5	34.9	35.5	9.7	10.0	10.1	35.8	36.7	37.2	25.0	23.2	23.6	9
146.0	138.7	138.1	700.4	668.0	667.0	154.4	151.1	151.6	643.8	653.6	657.5	631.0	620.0	624.0	10
3.2	3.4	3.4	20.3	19.0	19.0	4.1	3.8	3.9	23.8	24.2	24.3	47.6	46.7	46.9	11
2.2	2.2	2.2	10.6	10.4	10.5	4.3	4.3	4.2	11.5	11.9	11.9	12.7	12.2	12.3	12
1.7	1.7	1.7	8.5	8.7	8.7	1.4	1.3	1.4	7.0	7.4	7.5	5.8	5.3	5.4	13
2.1	2.1	2.0	11.4	11.0	11.1	2.0	1.9	1.9	12.1	12.0	12.1	9.1	8.6	8.7	14
78.2	73.3	73.8	351.8	341.9	341.9	88.7	87.2	87.4	344.2	342.7	344.2	250.1	238.5	241.5	15
5.9	5.7	6.0	39.9	38.1	38.4	5.3	6.4	6.4	28.9	28.3	28.7	30.1	28.1	29.5	16
11.0	11.0	11.0	62.5	63.0	63.4	11.0	10.9	10.8	50.9	51.1	51.4	32.1	31.2	31.4	17
5.0	5.1	4.6	10.3	9.8	9.8	1.6	1.6	1.6	9.6	9.4	9.7	9.1	8.7	8.5	18
4.0	4.3	4.3	22.1	21.6	21.7	3.9	4.0	4.0	22.1	22.4	22.4	21.5	21.3	21.2	19
5.6	5.6	5.6	34.8	34.9	35.5	9.3	9.2	9.2	29.9	30.5	31.3	68.3	66.9	65.8	20
3.0	3.1	3.1	11.1	11.2	11.3	1.3	1.4	1.4	10.3	10.1	10.2	11.0	10.7	10.7	21
4.8	4.9	4.9	17.8	18.1	18.3	4.0	3.9	3.9	14.0	14.5	14.6	12.1	11.0	11.2	22
97.4	94.9	95.2	429.4	422.5	426.2	96.5	97.9	97.5	376.1	379.9	381.7	309.2	302.5	302.8	23
5.8	5.1	5.1	15.2	14.5	14.6	2.4	2.2	2.2	13.5	13.3	13.3	12.3	12.2	12.0	24
62.6	61.2	61.5	265.3	263.8	263.9	71.7	72.9	72.8	245.6	244.7	245.9	162.8	159.9	159.8	25
1.9	1.9	1.9	9.7	10.1	10.1	1.5	1.5	1.5	19.6	19.9	20.1	6.0	5.3	5.3	26
3.5	3.3	3.3	13.1	13.2	13.1	2.0	1.9	1.9	9.9	10.3	10.3	11.9	11.5	11.4	27
39.9	40.3	40.3	160.1	160.7	161.3	32.6	32.9	32.9	121.1	121.2	121.8	193.1	187.9	187.8	28
9.9	10.0	10.0	34.4	34.6	34.5	11.2	11.1	11.1	29.7	30.2	30.3	34.7	34.8	34.9	29
137.6	135.4	135.1	454.9	451.2	455.6	107.8	107.9	107.9	396.2	400.9	404.9	342.7	331.3	333.2	30
52.1	50.2	49.8	158.4	153.5	152.5	44.1	44.1	44.0	129.8	129.0	129.7	95.8	92.1	91.8	31
2.2	2.1	2.1	9.1	8.5	8.6	1.8	2.0	1.9	6.9	6.6	6.4	6.3	6.3	6.2	32
71.8	69.1	69.4	224.1	221.7	221.9	56.8	56.4	56.7	218.7	218.4	221.1	138.8	133.3	135.2	33
7.1	7.0	7.1	23.3	22.6	22.5	3.5	3.5	3.5	19.5	19.3	19.7	12.3	12.1	12.1	34
22.2	23.0	23.1	70.4	76.0	76.0	12.8	12.5	12.5	55.8	57.8	57.7	71.0	73.1	73.0	35
4.3	4.5	4.6	15.4	16.3	16.3	2.4	2.6	2.6	11.1	11.6	11.5	7.8	7.5	7.5	36
1.9	2.1	2.1	9.1	10.1	10.2	2.1	2.2	2.2	7.1	7.2	7.5	6.0	5.9	5.7	37
46.9	43.8	43.2	159.3	159.2	161.0	40.8	41.3	41.3	118.1	120.5	120.8	129.7	132.5	133.8	38
7.3	6.6	6.8	22.2	22.5	22.6	6.9	7.0	7.0	17.3	17.2	17.2	27.1	29.2	29.7	39
23.9	23.3	22.9	66.2	65.0	65.6	23.6	23.8	23.9	59.6	59.6	59.4	42.5	43.9	44.0	40
24.5	25.4	25.4	82.0	85.0	85.1	18.1	18.4	18.4	169.0	174.6	175.4	58.1	58.4	58.5	41
13.7	14.1	14.1	47.9	48.7	48.6	10.3	10.5	10.5	105.5	108.5	108.6	26.7	27.5	27.6	42
8.0	8.2	8.2	24.3	26.0	26.0	6.0	6.1	6.1	41.8	43.9	44.0	16.6	16.5	16.6	43
14.2	14.2	14.3	84.6	85.7	86.1	20.3	20.6	20.6	73.1	76.5	75.7	58.3	56.6	56.9	44
4.7	4.8	4.8	19.1	19.7	19.7	6.1	6.3	6.3	15.3	15.7	15.8	8.6	8.2	8.2	45
2.1	2.2	2.2	12.7	13.9	14.1	2.9	2.0	2.0	10.1	10.6	10.7	5.6	5.4	5.6	46
191.2	191.7	192.0	666.6	672.6	676.3	159.3	161.6	161.8	619.1	628.0	634.7	532.6	525.5	526.0	47
4.0	3.9	3.9	17.6	16.6	16.8	5.0	4.7	4.7	39.5	43.2	44.0	16.3	16.2	16.3	48
15.3	15.1	15.2	86.3	87.6	87.2	17.6	16.9	17.0	69.3	72.5	72.9	67.8	66.8	67.0	49
20.2	20.2	20.2	115.1	112.9	113.2	17.6	17.9	18.1	74.8	77.4	78.3	42.4	42.3	42.2	50
26.0	24.5	24.5	44.3	44.	44.9	8.4	8.5	8.5	32.3	32.9	32.9	42.5	41.4	41.7	51
6.4	6.7	6.7	39.2	39.8	40.1	7.7	7.8	7.9	41.5	43.1	43.1	36.9	36.3	36.6	52
23.3	23.7	23.5	66.8	66.5	66.5	11.5	11.6	11.6	42.4	43.6	44.4	48.1	43.9	44.5	53
72.3	74.1	74.2	178.9	179.3	179.4	63.9	65.8	65.8	197.0	201.1	202.5	146.8	145.7	145.7	54
6.7	6.3	6.4	39.8	39.3	39.3	9.4	8.9	8.9	34.2	33.9	34.8	28.6	26.1	26.1	55
5.2	5.3	5.3	24.5	24.0	23.9	7.9	8.5	8.6	41.9	41.8	42.2	46.2	45.9	45.9	56
2.9	3.1	3.1	8.5	8.7	8.8	2.4	2.5	2.5	8.8	8.6	8.6	11.4	10.7	10.8	57
29.1	29.1	28.8	102.7	106.0	106.5	21.1	21.7	21.8	94.1	93.2	93.7	127.8	126.8	127.1	58
12.0	11.6	11.4	46.7	47.7	47.7	10.8	10.8	10.9	44.6	46.2	46.8	44.1	42.5	42.5	59
1.2	1.2	1.2	5.2	5.7	5.8	1.2	1.2	1.2	4.2	4.2	4.2	13.9	14.2	14.4	60

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

State and areas	Total			Mining			Construction			Manufacturing		
	MAR. 1981	FEB. 1982	MAR. 1982P	MAR. 1981	FEB. 1982	MAR. 1982P	MAR. 1981	FEB. 1982	MAR. 1982P	MAR. 1981	FEB. 1982	MAR. 1982P
NEW YORK	7,197.7	7,202.8	7,230.0	5.7	5.4	5.6	187.1	182.3	186.5	1,426.1	1,393.7	1,394.4
Albany—Schenectady—Troy	337.8	333.3	334.7	(1)	(1)	(1)	8.6	7.5	7.5	56.8	52.9	52.7
Binghamton	115.7	118.5	118.5	(1)	(1)	(1)	3.2	3.1	3.1	42.1	43.7	43.1
Buffalo	492.7	474.5	473.9	(1)	(1)	(1)	12.9	11.7	11.3	131.0	119.5	119.4
Elmira	36.1	35.5	35.2	(1)	(1)	(1)	.9	.7	.7	10.8	10.5	10.2
Monroe County	339.2	342.0	342.0	(1)	(1)	(1)	8.2	8.3	8.4	136.8	137.6	138.3
Nassau—Suffolk	911.6	901.6	911.2	(1)	(1)	(1)	32.1	29.9	31.5	167.6	165.6	166.3
New York—Northeastern New Jersey	6,699.3	(*)	(*)	2.8	(*)	(*)	187.6	(*)	(*)	1,329.0	(*)	(*)
New York and Nassau—Suffolk	4,692.7	4,694.8	4,723.8	1.9	1.9	1.9	127.4	125.4	129.5	746.8	727.1	731.3
New York SMSA	3,781.1	3,793.2	3,812.6	1.7	1.7	1.7	95.3	95.5	98.0	579.2	561.5	565.0
New York City	3,336.9	3,348.7	3,366.4	1.5	1.4	1.4	78.9	78.2	79.9	488.3	471.2	475.3
Poughkeepsie	97.9	101.1	100.9	(1)	(1)	(1)	2.7	2.6	2.6	31.6	33.1	33.1
Rochester	413.2	416.8	416.9	(1)	(1)	(1)	9.6	9.8	9.9	155.5	156.7	157.2
Rockland County	79.7	81.0	81.2	(1)	(1)	(1)	2.3	2.4	2.5	15.1	15.5	15.4
Syracuse	256.4	253.9	253.0	(1)	(1)	(1)	7.3	7.8	7.8	58.1	57.3	57.1
Utica—Rome	111.3	111.9	112.1	(1)	(1)	(1)	2.1	1.9	1.9	28.6	29.0	28.8
Westchester County	352.4	352.3	354.7	(1)	(1)	(1)	13.4	14.4	14.9	74.5	73.5	73.4
NORTH CAROLINA	2,384.7	2,344.3	2,342.9	4.9	4.7	4.8	113.2	103.2	104.9	816.8	787.8	779.7
Asheville	70.4	69.5	69.4	(1)	(1)	(1)	2.9	2.8	2.9	21.7	21.0	20.8
Charlotte—Gastonia	339.9	334.5	333.8	(1)	(1)	(1)	17.9	17.8	17.7	96.5	92.3	91.9
Greensboro—Winston-Salem—High Pt	390.6	385.8	383.6	(1)	(1)	(1)	16.3	15.7	15.9	149.9	146.3	143.2
Raleigh—Durham	270.4	276.7	277.3	(1)	(1)	(1)	13.6	12.2	12.2	45.3	45.0	44.5
NORTH DAKOTA	240.9	245.2	246.8	9.5	11.8	11.7	11.2	10.6	10.8	14.3	15.6	15.6
Fargo—Moorhead	60.7	61.9	62.0	(2)	(2)	(2)	2.4	2.2	2.3	4.5	4.9	5.0
OHIO	4,289.4	4,171.8	4,198.8	31.0	31.7	31.9	139.4	122.7	128.6	1,239.4	1,148.9	1,153.7
Akron	259.4	252.4	253.2	(*)	(*)	(*)	6.2	5.7	6.2	76.5	72.1	71.7
Canton	154.6	152.0	152.7	(*)	(*)	(*)	4.5	4.1	4.4	54.3	52.1	51.8
Cincinnati	589.5	574.8	579.9	(*)	(*)	(*)	21.4	19.0	19.7	157.6	149.6	151.1
Cleveland	873.0	854.9	858.4	(*)	(*)	(*)	24.8	23.4	24.1	247.7	236.9	236.2
Columbus	504.1	498.6	502.4	(*)	(*)	(*)	16.3	14.2	15.1	94.2	89.9	89.9
Dayton	352.1	345.5	345.1	(*)	(*)	(*)	11.2	8.9	9.3	97.6	93.0	91.2
Toledo	288.3	281.6	283.6	(*)	(*)	(*)	10.3	9.1	9.8	74.6	68.8	69.4
Youngstown—Warren	196.5	185.4	188.5	(*)	(*)	(*)	5.6	5.1	5.1	68.8	56.8	59.2
OKLAHOMA	1,178.4	1,201.7	1,214.5	90.2	103.7	105.5	53.0	49.3	53.5	196.8	193.7	192.5
Enid	26.7	26.7	26.7	2.8	3.3	3.3	1.7	1.2	1.2	3.1	2.8	2.8
Lawton	29.3	29.8	30.0	(1)	(1)	(1)	1.4	1.3	1.4	3.0	3.0	3.0
Oklahoma City	414.2	426.4	431.1	25.3	29.1	29.4	19.5	19.2	21.3	56.0	52.5	51.8
Tulsa	317.0	325.9	328.7	25.5	28.3	28.5	15.5	15.0	15.5	66.6	68.8	69.0
OREGON	1,019.8	970.1	970.6	2.0	1.8	1.8	37.2	30.3	29.8	200.6	188.2	186.9
Eugene—Springfield	100.6	95.7	95.5	(1)	(1)	(1)	3.6	3.0	2.9	18.7	16.4	16.1
Jackson County	-	-	-	-	-	-	-	-	-	7.3	(*)	(*)
Portland	548.7	525.9	526.8	(1)	(1)	(1)	21.1	19.1	18.9	109.3	101.9	101.4
Salem	85.1	(*)	(*)	(1)	(1)	(1)	3.5	(*)	(*)	11.5	(*)	(*)
PENNSYLVANIA	4,693.4	4,573.7	4,578.8	46.9	46.5	47.0	162.9	149.7	153.3	1,294.4	1,227.7	1,214.9
Allentown—Bethlehem—Easton	261.5	254.0	255.0	(1)	(1)	(1)	7.5	6.6	6.7	103.8	98.7	98.8
Altoona	49.1	47.3	47.8	(1)	(1)	(1)	1.6	1.0	1.0	12.3	11.7	12.0
Delaware Valley	1,585.6	1,545.8	1,553.5	(1)	(1)	(1)	58.1	51.2	53.0	360.9	344.4	340.5
Erie	109.8	106.7	106.4	(1)	(1)	(1)	2.4	2.8	2.6	40.4	40.0	39.6
Harrisburg	222.0	223.0	223.5	(1)	(1)	(1)	7.1	6.2	6.6	41.3	40.6	40.7
Johnstown	82.5	78.5	78.8	7.9	8.0	7.9	2.4	1.9	1.9	17.6	15.4	15.3
Lancaster	151.7	149.5	150.0	(1)	(1)	(1)	6.1	5.4	5.5	58.8	57.2	56.3
Northeast Pennsylvania	237.3	231.9	232.6	1.1	1.1	1.0	9.3	9.2	9.2	69.2	66.5	66.2
Philadelphia SMSA	1,922.3	1,884.6	1,893.1	(1)	(1)	(1)	69.9	62.4	65.1	431.5	412.9	410.5
Philadelphia City	786.0	758.3	761.7	(1)	(1)	(1)	19.7	17.2	17.5	130.3	124.2	123.4
Pittsburgh	931.6	897.2	894.4	9.7	9.2	9.5	39.4	38.1	39.0	237.5	213.8	209.1
Reading	137.1	136.8	136.3	(1)	(1)	(1)	4.3	4.1	4.1	52.0	52.0	51.3
Williamsport	45.9	45.6	45.5	(1)	(1)	(1)	1.0	.8	.9	15.8	16.0	15.9
York	153.5	151.6	151.5	(1)	(1)	(1)	5.9	5.8	6.1	63.9	63.2	62.4
RHODE ISLAND	394.3	387.2	386.9	(1)	(1)	(1)	9.9	9.6	9.9	126.8	118.8	118.3
Providence—Warwick—Pawtucket	402.0	393.3	392.9	(1)	(1)	(1)	10.0	9.6	9.9	139.7	131.4	130.8
SOUTH CAROLINA	1,193.6	1,176.2	1,179.7	(1)	(1)	(1)	71.0	65.0	65.2	387.5	371.7	370.4
Charleston—North Charleston	150.6	150.9	152.2	(1)	(1)	(1)	10.5	9.6	9.2	20.4	19.7	19.5
Columbia	181.1	180.7	180.4	(1)	(1)	(1)	8.6	8.4	8.4	27.3	26.3	26.3
Greenville—Spartanburg	267.4	265.3	265.0	(1)	(1)	(1)	15.0	15.8	15.7	102.5	98.8	99.6

See footnotes at end of table.

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

TRANSPORTATION AND PUBLIC UTILITIES			WHOLESALE AND RETAIL TRADE			FINANCE, INSURANCE, AND REAL ESTATE			SERVICES			GOVERNMENT			
MAR. 1981	FEB. 1982	MAR. 1982P	MAR. 1981	FEB. 1982	MAR. 1982P	MAR. 1981	FEB. 1982	MAR. 1982P	MAR. 1981	FEB. 1982	MAR. 1982P	MAR. 1981	FEB. 1982	MAR. 1982P	
427.3	423.5	423.0	1,429.7	1,431.5	1,438.1	644.4	659.9	661.8	1,758.8	1,799.5	1,803.5	1,318.6	1,307.1	1,317.0	1
15.3	15.2	15.2	67.0	67.4	67.6	15.8	15.8	15.8	73.0	74.2	74.4	101.3	100.3	101.4	2
4.6	4.6	4.6	20.7	20.8	20.8	4.1	4.2	4.2	17.9	19.8	19.6	23.2	22.4	23.1	3
26.2	24.8	24.7	107.8	105.8	105.8	22.3	22.3	22.3	104.9	106.4	107.0	87.7	83.9	84.3	4
1.3	1.3	1.3	8.4	8.6	8.6	1.1	1.2	1.2	7.1	7.1	7.1	6.5	6.2	6.2	5
10.2	10.2	10.2	58.4	59.5	59.8	13.9	14.3	14.2	70.5	71.6	71.0	41.1	40.4	40.1	6
40.1	41.5	42.1	231.7	230.6	232.1	52.4	52.7	52.9	208.9	209.5	212.9	178.8	171.8	173.4	7
469.7	(*)	(*)	1,381.8	(*)	(*)	633.7	(*)	(*)	1,603.1	(*)	(*)	1,091.3	(*)	(*)	8
318.4	315.3	315.5	939.2	935.1	935.9	539.7	552.7	555.6	1,247.1	1,274.4	1,281.5	772.1	763.0	768.6	9
278.4	273.7	273.4	707.5	704.5	707.8	487.3	500.0	502.8	1,038.4	1,065.1	1,068.8	593.4	591.1	595.2	10
255.4	250.4	250.1	605.3	601.7	604.5	465.0	478.6	480.1	928.7	955.0	957.4	513.9	512.1	516.0	11
2.8	2.9	2.9	16.1	16.2	16.3	2.8	2.9	2.9	18.6	19.3	19.0	23.8	24.1	24.2	12
12.7	12.5	12.6	75.1	76.7	77.0	15.5	15.8	15.7	82.2	83.5	83.0	62.7	61.8	61.5	13
3.3	3.4	3.4	17.3	17.4	17.5	2.6	2.7	2.7	18.2	18.2	18.1	20.9	21.5	21.6	14
14.3	14.1	14.1	54.7	55.0	54.8	15.2	16.3	16.4	54.6	54.7	53.9	49.6	48.7	48.8	15
3.9	3.9	3.9	21.7	21.8	21.8	5.4	5.5	5.5	20.9	21.0	21.1	28.7	28.9	29.2	16
19.1	19.3	19.3	82.1	82.4	82.8	19.3	19.3	19.4	88.7	89.0	90.4	55.3	54.3	54.3	17
115.6	115.7	115.9	466.9	461.7	462.7	97.1	98.2	98.4	346.8	353.4	356.0	423.4	419.6	421.5	18
3.6	3.5	3.6	15.1	15.2	15.1	2.3	2.5	2.4	12.8	12.3	12.3	12.0	12.2	12.3	19
31.4	31.2	31.2	82.7	79.8	79.4	21.3	21.5	21.5	53.7	54.1	54.5	38.4	37.8	37.6	20
21.0	21.1	21.2	76.7	76.0	76.0	18.6	18.7	18.8	59.5	60.9	61.2	48.6	47.1	47.3	21
13.2	13.7	13.8	52.4	52.3	52.0	15.7	15.9	16.0	61.5	60.8	61.1	77.7	76.8	77.7	22
16.9	16.8	16.8	64.7	64.5	65.4	11.6	11.8	11.8	51.2	52.8	53.3	61.5	61.3	61.4	23
3.9	3.8	3.7	18.3	18.4	18.6	3.8	3.9	3.9	14.3	14.8	14.9	13.5	13.9	13.6	24
214.5	212.1	212.6	924.1	909.1	917.0	203.3	204.2	204.6	838.4	858.2	867.0	699.4	684.8	686.4	25
13.8	13.5	13.6	55.7	55.7	56.2	9.1	9.1	9.1	50.1	51.5	51.8	44.5	44.2	44.1	26
7.0	7.0	7.0	32.2	32.1	32.4	6.3	6.3	6.3	29.5	29.8	30.1	19.5	19.2	19.3	27
33.0	32.6	32.7	137.9	134.7	135.5	32.4	31.8	32.0	121.4	121.8	123.5	86.5	84.9	85.3	28
43.5	43.5	43.6	196.7	191.8	193.1	47.6	47.5	47.7	189.5	192.1	194.3	121.9	118.3	118.0	29
23.9	23.6	23.7	116.9	117.5	118.9	38.7	40.4	40.5	106.7	108.5	109.9	106.5	103.6	103.9	30
13.0	13.0	13.0	71.4	70.7	71.1	13.3	13.6	13.7	74.2	75.7	76.3	71.1	70.4	70.1	31
18.7	18.6	18.7	64.6	63.7	64.4	10.6	10.5	10.5	61.4	64.2	64.8	47.7	46.2	46.5	32
8.9	8.9	8.8	42.9	42.3	42.7	6.9	7.2	7.2	38.1	38.6	38.8	24.7	25.9	25.9	33
68.9	67.7	67.2	269.2	277.7	280.9	57.5	58.8	59.5	199.2	205.8	208.3	243.6	245.0	247.1	34
2.7	2.7	2.7	7.0	7.1	7.1	1.1	1.2	1.2	4.6	4.6	4.6	3.7	3.8	3.8	35
1.3	1.4	1.4	7.4	7.3	7.4	1.2	1.2	1.2	4.4	4.7	4.7	10.6	10.9	10.9	36
23.9	24.4	24.5	100.5	105.3	106.0	25.6	26.8	26.8	71.5	75.1	76.3	91.9	94.0	95.0	37
23.6	23.6	23.6	71.8	73.5	74.1	15.4	15.7	16.0	62.8	65.3	65.9	35.8	35.7	36.1	38
58.9	57.0	57.2	250.1	239.3	240.1	69.0	64.6	64.7	193.6	185.8	186.4	208.4	203.1	203.7	39
5.0	4.7	4.7	25.3	24.0	23.9	5.5	5.3	5.3	19.4	19.1	19.3	23.1	23.2	23.3	40
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41
36.0	35.9	36.0	140.9	136.2	136.9	45.5	44.3	44.2	112.5	108.3	108.8	83.4	80.2	80.6	42
2.7	(*)	(*)	18.8	(*)	(*)	5.7	(*)	(*)	15.3	(*)	(*)	27.6	(*)	(*)	43
259.5	246.8	244.8	969.0	958.5	961.5	238.4	239.3	240.8	989.4	1,004.1	1,013.7	732.9	701.1	702.8	44
13.7	13.8	13.7	51.6	50.4	50.6	9.5	9.5	9.6	45.3	45.6	46.2	30.1	29.4	29.4	45
6.8	5.3	5.5	10.5	10.3	10.3	1.5	1.5	1.5	8.5	8.6	9.6	7.9	7.8	8.0	46
81.9	78.2	78.2	329.2	321.1	322.5	110.6	112.5	113.3	404.9	411.2	416.5	240.0	227.2	227.5	47
5.0	4.7	4.7	21.1	20.6	20.7	4.9	4.8	4.8	21.9	22.7	22.7	14.1	11.0	11.3	48
17.1	16.2	16.1	44.8	44.7	44.6	12.8	12.9	12.9	39.3	41.1	41.4	59.6	61.3	61.2	49
5.1	4.8	4.8	15.2	14.7	14.9	3.9	4.0	3.9	15.5	15.4	15.5	14.9	14.7	14.9	50
6.2	5.9	5.8	32.6	32.2	32.8	5.6	6.1	6.1	26.4	27.4	28.1	16.0	15.3	15.4	51
12.9	12.5	12.5	49.3	47.5	47.7	9.7	10.0	10.0	46.0	47.1	47.7	39.8	38.3	38.3	52
96.7	93.3	93.4	414.3	408.8	409.8	127.7	129.4	130.2	474.2	483.8	489.6	308.0	294.0	294.5	53
51.8	49.2	49.2	144.9	139.7	140.8	66.7	65.9	66.0	224.5	223.5	226.0	149.0	138.6	138.8	54
55.5	52.2	51.9	206.9	204.1	204.7	46.2	45.7	46.2	216.1	218.4	218.4	120.3	115.7	115.6	55
6.3	6.5	6.5	27.4	27.2	27.1	6.3	6.4	6.4	23.4	23.7	23.9	17.4	16.9	17.0	56
2.2	2.3	2.3	9.7	9.5	9.4	2.2	2.2	2.2	8.1	8.3	8.3	6.9	6.5	6.5	57
7.3	7.3	7.3	32.6	32.1	32.3	4.0	3.9	3.9	21.6	21.9	21.8	18.2	17.6	17.7	58
12.8	13.0	13.0	78.3	77.9	77.3	20.8	21.0	21.1	86.6	89.1	89.6	59.1	57.8	57.8	59
12.8	12.9	12.8	78.9	77.9	77.2	20.7	20.9	21.0	83.3	85.4	85.9	56.6	55.2	55.3	60
53.1	53.9	54.0	224.9	228.4	230.8	48.1	50.0	50.1	165.2	167.6	169.7	243.8	239.7	239.5	61
8.5	9.1	8.8	32.1	32.3	32.6	6.3	6.6	6.7	25.2	26.2	27.8	47.6	47.4	47.6	62
9.4	9.5	9.5	37.8	37.1	36.8	14.2	14.5	14.6	28.2	28.3	28.2	55.6	56.6	56.7	63
10.0	9.5	9.3	53.1	55.2	55.1	9.9	10.3	10.3	38.3	39.3	39.5	37.7	36.4	36.5	64

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

State and areas	Total			Mining			Contract Construction			Manufacturing		
	MAR. 1981	FEB. 1982	MAR. 1982P	MAR. 1981	FEB. 1982	MAR. 1982P	MAR. 1981	FEB. 1982	MAR. 1982P	MAR. 1981	FEB. 1982	MAR. 1982P
SOUTH DAKOTA	232.5	228.3	229.2	2.8	2.8	2.8	8.0	6.5	6.8	25.2	25.9	25.8
Sioux Falls	53.9	54.3	54.6	(2)	(2)	(2)	2.2	1.8	1.9	7.4	7.4	7.5
TENNESSE	1,743.5	1,708.7	1,718.8	9.8	10.2	10.5	72.6	79.1	81.5	503.4	486.3	489.0
Chattanooga	169.7	166.8	167.5	1.1	1.1	1.1	5.8	5.6	5.8	49.1	47.7	47.6
Knoxville	203.2	202.6	204.0	1.6	1.5	1.5	9.3	9.7	10.3	51.7	49.2	49.0
Memphis	359.3	351.5	350.6	.2	.2	.2	14.3	13.4	13.6	59.6	56.9	55.8
Nashville—Davidson	362.9	351.1	352.6	(1)	(1)	(1)	16.4	14.9	15.1	82.5	79.1	80.1
TEXAS	6,055.8	6,283.6	6,290.6	274.0	307.0	308.2	425.1	439.7	443.4	1,097.0	1,105.3	1,096.9
Dallas—Fort Worth	1,495.6	1,532.8	1,542.0	28.8	31.7	31.9	82.2	77.6	79.1	329.9	327.1	325.3
Houston	1,534.3	1,582.4	1,590.4	98.4	105.4	107.0	150.4	144.4	145.9	258.6	267.0	266.*
San Antonio	408.9	412.7	412.8	3.9	3.8	3.8	26.7	26.2	26.0	51.4	51.8	51.6
UTAH	549.8	556.7	559.6	20.0	21.3	21.1	25.6	23.1	23.9	87.3	89.1	88.3
Salt Lake City—Ogden	387.5	391.4	393.6	7.9	7.9	7.9	17.4	15.3	15.8	59.8	61.1	61.1
VERMONT	200.3	200.7	200.3	.6	.5	.5	8.2	7.8	7.8	50.4	49.9	49.5
Burlington	59.4	59.4	59.6	–	–	–	–	–	–	15.1	15.8	15.8
Springfield	14.5	14.2	14.0	–	–	–	–	–	–	6.2	5.6	5.5
VIRGINIA	2,140.0	2,139.1	2,145.2	22.7	23.3	23.9	113.0	99.6	102.0	413.0	402.4	399.6
Bristol	26.2	26.3	26.6	(1)	(1)	(1)	.8	.7	.7	8.8	8.9	8.9
Lynchburg	70.5	69.8	69.4	(1)	(1)	(1)	2.6	2.3	2.3	28.6	28.2	27.7
Newport News—Hampton	147.9	147.7	148.5	(1)	(1)	(1)	6.6	6.2	6.2	35.2	34.0	34.0
Norfolk—Virginia Beach—Portsmouth	284.7	286.9	286.9	(1)	(1)	(1)	16.0	15.0	16.0	29.4	29.4	28.6
Northern Virginia [3]	459.2	464.0	466.5	.4	.4	.4	27.8	23.7	24.6	19.7	20.8	21.0
Petersburg—Colonial Hgts.—Hopewell	44.8	44.8	44.9	(1)	(1)	(1)	1.*	1.7	1.7	10.8	10.0	10.2
Richmond	326.7	326.5	326.8	.3	.2	.3	17.3	16.7	17.0	56.4	55.5	55.0
Roanoke	103.0	100.7	101.0	.2	.2	.2	4.7	3.9	4.0	21.3	20.5	20.4
WASHINGTON	1,602.0	1,538.1	1,548.0	2.6	3.0	3.1	86.1	72.4	74.2	300.3	289.9	289.8
Seattle—Everett	779.4	755.1	755.7	(1)	(1)	(1)	36.7	32.4	32.5	170.6	164.6	163.9
Spokane	125.5	120.3	121.0	(1)	(1)	(1)	5.4	4.3	4.3	16.3	14.9	15.0
Tacoma	141.8	(*)	(*)	(1)	(1)	(1)	6.5	(*)	(*)	22.2	(*)	(*)
WEST VIRGINIA	630.0	607.7	610.1	65.9	65.9	65.7	26.6	18.9	20.5	111.1	103.3	102.8
Charleston	109.9	108.8	109.1	6.6	6.7	6.8	5.2	3.7	4.0	16.7	16.3	16.4
Huntington—Ashland	101.3	100.5	100.7	1.2	1.2	1.2	5.1	3.1	3.4	23.7	24.0	23.9
Parkersburg—Marietta	57.9	56.8	56.9	1.1	1.4	1.4	2.8	2.2	2.4	16.6	16.1	15.9
Wheeling	63.3	62.4	62.8	5.2	4.9	4.9	2.1	1.7	1.8	11.5	11.1	11.0
WISCONSIN	1,884.0	1,859.1	1,857.3	1.8	1.4	1.5	55.0	48.0	47.5	528.1	511.8	506.8
Appleton—Oshkosh	123.1	121.2	121.5	(1)	(1)	(1)	4.7	3.8	4.0	45.3	44.7	44.4
Eau Claire	47.8	48.1	47.9	(1)	(1)	(1)	1.4	1.3	1.3	9.1	8.6	8.7
Green Bay	77.0	76.3	76.3	(1)	(1)	(1)	2.7	2.3	2.3	21.2	20.7	20.7
Janesville—Beloit	46.3	46.5	47.0	(1)	(1)	(1)	1.4	1.1	1.0	14.8	15.5	15.6
Kenosha	38.3	39.8	39.5	(1)	(1)	(1)	1.6	1.3	1.4	12.6	14.8	14.7
La Crosse	44.4	45.2	45.2	(1)	(1)	(1)	1.3	1.1	1.0	10.2	10.0	10.0
Madison	168.5	168.5	168.2	(1)	(1)	(1)	5.3	5.2	5.1	19.8	19.6	19.1
Milwaukee	657.7	642.7	641.5	(1)	(1)	(1)	16.9	14.7	14.9	197.4	185.8	182.5
Racine	67.3	63.4	63.3	(1)	(1)	(1)	1.5	1.1	1.2	28.3	25.6	25.1
WYOMING	211.2	208.7	211.4	36.3	39.7	39.8	18.2	14.7	15.5	9.3	10.2	10.1
Casper	39.6	39.9	39.9	7.6	7.5	7.5	3.1	3.0	3.1	1.9	2.0	1.9
Cheyenne	30.7	29.6	29.4	(1)	(1)	(1)	1.9	1.3	1.4	1.5	1.3	1.3
PUERTO RICO	(*)	(*)	(*)	.9	.7	.7	36.3	25.3	25.7	(*)	(*)	(*)
Caguas	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Mayaguez	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Ponce	(*)	(*)	(*)	(*)	(*)	(*)	2.9	1.6	1.5	(*)	(*)	(*)
San Juan	(*)	(*)	(*)	(*)	(*)	(*)	28.1	19.0	18.5	(*)	(*)	(*)
VIRGIN ISLANDS	38.1	36.6	36.6	(2)	(2)	(2)	3.5	3.2	3.3	3.2	2.8	2.8

[1] Combined with services.
[2] Combined with construction.
[3] Area included in Chicago—Gary Standard Consolidated Statistical Area.
[4] Subarea Baltimore Standard Metropolitan Statistical Area.
[5] Revised to 1981 benchmark, not strictly comparable with previously published data.
[6] Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.
[7] Subarea of New York—Northeastern New Jersey.
[8] Subarea of Rochester Standard Metropolitan Statistical Area.
[9] Area included in New York and Nassau—Suffolk combined SMSA's.
[10] Subarea of New York Standard Metropolitan Statistical Area.
[11] Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pennsylvania.
[12] Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Philadelphia County.
[13] Total includes data for industry divisions not shown separately.
[14] Subarea of Washington, D.C. Standard Metropolitan Statistical Area: Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park cities, and Arlington, Fairfax, Loudoun, and Prince William Counties, Virginia.
p = preliminary.
*Not available.

SOURCE: Cooperating State agencies listed on inside back cover.

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

TRANSPORTATION AND PUBLIC UTILITIES			WHOLESALE AND RETAIL TRADE			FINANCE, INSURANCE, AND REAL ESTATE			SERVICES			GOVERNMENT			
MAR. 1981	FEB. 1982	MAR. 1982P	MAR. 1981	FEB. 1982	MAR. 1982P	MAR. 1981	FEB. 1982	MAR. 1982P	MAR. 1981	FEB. 1982	MAR. 1982P	MAR. 1981	FEB. 1982	MAR. 1982P	
12.9	13.0	13.0	63.1	62.2	62.8	11.1	11.2	11.2	50.4	49.0	48.7	50.1	47.7	48.1	1
4.6	4.5	4.5	15.9	15.7	15.8	3.4	3.5	3.4	13.6	14.4	14.5	6.8	7.0	7.0	2
85.6	83.0	83.0	371.9	362.7	364.4	78.6	75.6	76.0	297.7	308.3	308.7	323.9	301.5	305.7	3
7.6	7.6	7.6	33.9	34.1	34.1	9.8	9.6	9.6	29.3	29.2	29.2	33.1	31.9	32.5	4
8.2	8.0	8.0	42.5	43.8	43.7	8.7	8.7	8.8	33.3	33.8	34.3	47.9	47.9	48.4	5
27.5	26.6	26.6	96.7	95.9	95.6	20.1	19.9	19.9	74.0	75.0	75.0	66.9	63.6	63.9	6
19.8	20.2	20.3	81.7	75.6	75.7	24.8	23.7	23.7	74.7	76.9	76.7	63.0	60.7	61.0	7
375.5	392.5	392.9	1,464.3	1,556.9	1,560.7	343.1	353.4	354.6	1,066.6	1,114.0	1,118.4	1,010.2	1,014.8	1,015.6	8
95.9	99.7	100.2	390.0	404.3	407.9	112.5	117.7	118.5	270.5	289.1	293.2	185.8	185.6	185.9	9
106.8	109.4	109.3	364.6	379.8	380.8	98.9	95.1	95.8	295.9	308.5	311.7	168.7	172.8	173.2	10
18.2	19.4	19.5	102.5	102.0	102.2	27.4	27.6	27.8	84.3	85.9	85.9	94.5	96.3	96.2	11
33.8	35.0	35.4	126.7	127.7	128.1	26.2	26.6	26.7	103.2	106.4	107.3	127.1	127.5	128.7	12
26.5	27.2	27.5	94.8	98.3	95.6	21.1	21.6	21.7	69.9	71.9	72.3	90.1	91.1	91.7	13
8.4	8.5	8.4	40.5	41.6	41.9	8.1	8.2	8.3	46.2	46.5	45.9	37.9	37.7	38.0	14
2.3	2.3	2.3	12.1	12.3	12.4	-	-	-	12.2	12.3	12.4	-	-	-	15
.6	.6	.6	2.2	2.2	2.2	-	-	-	2.7	2.9	2.8	-	-	-	16
115.8	117.0	117.0	468.7	465.1	465.7	105.1	105.3	105.5	406.8	415.4	419.0	515.8	511.0	512.5	17
1.0	1.1	1.1	6.2	6.6	6.7	.9	.9	.9	3.3	3.4	3.4	5.2	4.8	5.0	18
2.7	2.7	2.6	12.1	12.2	12.2	3.3	3.2	3.2	11.0	11.1	11.2	10.2	10.2	10.1	19
4.9	5.1	5.1	27.9	28.3	28.3	4.7	4.7	4.7	28.0	29.1	29.7	40.7	40.3	40.5	20
19.1	20.0	20.0	68.0	69.0	69.0	14.8	14.8	14.9	57.0	58.3	58.9	80.4	79.5	79.6	21
32.1	31.5	31.5	108.6	113.0	113.2	28.5	28.6	28.9	123.1	126.2	126.3	119.0	119.9	120.6	22
1.3	1.3	1.2	8.6	8.9	8.9	1.2	1.2	1.2	6.5	7.0	7.0	14.4	14.7	14.7	23
19.4	19.8	19.8	75.4	76.4	76.1	26.5	26.0	25.9	58.7	63.0	61.1	72.7	71.8	71.8	24
9.8	9.8	9.8	24.6	24.8	24.9	6.1	6.0	6.0	20.5	20.3	20.6	15.7	15.3	15.2	25
88.1	85.6	85.6	375.6	369.2	371.0	90.9	90.2	90.5	317.0	309.6	313.0	239.4	218.2	220.8	26
51.5	50.2	50.3	184.9	182.5	182.6	57.1	57.6	57.6	155.8	152.1	152.7	122.8	115.7	116.3	27
6.1	7.7	7.8	34.3	33.3	33.4	7.8	7.8	7.8	39.2	40.3	38.5	23.4	22.0	22.0	28
6.3	(*)	(*)	32.7	(*)	(*)	6.9	(*)	(*)	32.7	(*)	(*)	24.5	(*)	(*)	29
41.9	41.2	41.3	128.3	128.6	128.4	21.8	21.8	21.9	99.5	100.5	101.2	134.9	127.4	128.3	30
9.6	9.4	9.4	25.5	26.3	26.1	5.1	5.1	5.1	19.9	21.9	21.1	21.3	20.2	20.2	31
9.4	9.7	9.7	23.9	24.2	24.1	3.8	3.6	3.6	15.4	15.7	15.8	18.5	18.9	19.0	32
2.4	2.4	2.4	12.5	12.8	12.8	2.0	2.0	2.0	10.4	10.2	10.3	10.0	9.8	9.8	33
3.5	3.6	3.6	14.6	14.9	14.9	2.8	2.8	2.8	13.9	14.1	14.3	9.6	9.3	9.3	34
90.2	88.5	87.9	418.3	414.7	416.9	94.2	95.5	95.6	368.6	377.4	378.5	327.8	323.7	323.5	35
4.4	4.4	4.5	25.3	24.7	24.8	5.5	5.7	5.7	20.7	21.3	21.5	17.2	16.7	16.7	36
2.7	2.6	2.6	12.5	12.7	12.7	1.6	1.7	1.7	9.7	9.9	9.9	10.9	11.2	11.0	37
5.8	6.0	6.0	19.2	19.0	19.2	2.5	2.5	2.5	15.1	15.5	15.6	10.3	10.3	10.1	38
2.0	2.2	2.3	10.8	10.5	10.7	1.4	1.4	1.4	8.8	9.0	9.1	7.1	6.8	6.9	39
1.3	1.2	1.2	8.3	7.8	7.8	1.0	1.0	1.0	7.8	7.8	7.6	6.0	5.9	5.9	40
2.3	2.1	2.1	11.7	11.7	11.7	1.1	1.1	1.1	13.6	11.4	11.5	7.2	7.9	7.8	41
6.3	6.3	6.3	34.9	35.8	35.8	13.2	13.5	13.5	32.3	33.4	33.7	56.8	54.7	54.8	42
34.1	33.0	33.0	138.9	136.7	137.4	39.9	40.8	40.8	144.1	147.8	148.0	86.4	84.7	84.8	43
2.3	2.4	2.4	12.9	12.5	12.7	2.2	2.2	2.2	11.4	11.2	11.2	8.6	8.4	8.5	44
17.6	17.5	17.6	46.6	47.1	47.3	7.5	7.4	7.4	30.0	29.8	30.5	45.7	42.3	43.2	45
2.8	2.8	2.8	10.9	10.6	10.6	1.8	1.8	1.8	5.8	5.8	5.8	5.7	6.4	6.4	46
4.6	4.2	4.0	7.2	7.1	7.1	1.6	1.5	1.6	4.9	5.3	5.1	9.3	8.9	8.9	47
18.3	17.7	16.6	112.8	106.0	104.6	27.9	28.1	28.4	85.2	83.8	83.5	260.8	234.1	233.8	48
(*)	(*)	(*)	5.5	4.6	4.6	(*)	(*)	(*)	(*)	(*)	(*)	10.9	9.9	9.9	49
(*)	(*)	(*)	5.7	5.4	5.4	(*)	(*)	(*)	(*)	(*)	(*)	13.5	13.6	13.6	50
(*)	(*)	(*)	7.7	6.9	6.6	(*)	(*)	(*)	7.2	6.6	6.7	18.5	17.1	17.1	51
13.9	14.4	13.3	71.1	67.3	66.5	20.9	21.2	21.1	59.0	59.7	59.4	126.2	123.2	122.1	52
2.1	2.1	2.1	7.9	7.7	7.7	1.4	1.7	1.6	6.2	5.9	5.9	13.6	13.2	13.2	53

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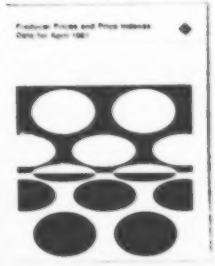

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C-1. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division, 1960 to date

Year and month	Average weekly earnings	Average weekly hours	Average hourly earnings	Average weekly earnings	Average weekly hours	Average hourly earnings	Average weekly earnings	Average weekly hours	Average hourly earnings	Average weekly earnings	Average weekly hours	Average hourly earnings	Average hourly earnings excl overtime
	Total private			Mining			Construction			Manufacturing			
1960	$80.67	38.6	$2.09	$105.04	43.4	$2.60	$112.67	36.7	$3.07	$89.72	39.7	$2.26	$2.19
1961	82.60	38.6	2.14	106.92	40.5	2.64	118.08	36.9	3.20	90.34	39.8	2.30	2.23
1962	85.91	38.7	2.22	110.70	41.0	2.70	122.47	37.0	3.31	96.56	40.4	2.39	2.31
1963	88.46	38.8	2.28	114.40	41.6	2.75	127.19	37.3	3.41	99.23	40.5	2.45	2.37
1964	91.33	38.7	2.36	117.74	41.9	2.81	132.06	37.2	3.55	102.97	40.7	2.53	2.43
1965	95.45	38.8	2.46	123.52	42.3	2.92	138.38	37.4	3.70	107.53	41.2	2.61	2.50
1966	98.82	38.6	2.56	130.24	42.7	3.05	146.26	37.6	3.89	112.14	41.4	2.71	2.59
1967	101.84	38.0	2.68	135.89	42.6	3.19	154.95	37.7	4.11	114.49	40.6	2.82	2.71
1968	107.73	37.8	2.85	142.71	42.6	3.35	164.49	37.3	4.41	122.51	40.7	3.01	2.88
1969	114.61	37.7	3.04	156.80	43.0	3.60	181.54	37.9	4.79	129.51	40.6	3.19	3.05
1970	119.83	37.1	3.23	166.40	42.7	3.85	195.45	37.3	5.24	133.33	39.8	3.35	3.23
1971	127.31	36.9	3.45	172.14	42.6	4.06	211.67	37.2	5.69	143.44	39.9	3.59	3.45
1972	136.90	37.0	3.70	189.14	42.6	4.44	221.19	36.5	6.06	154.71	40.5	3.82	3.68
1973	145.39	36.9	3.94	201.40	42.4	4.75	235.89	36.8	6.41	166.46	40.7	4.09	3.91
1974	154.76	36.5	4.24	219.14	41.9	5.23	249.25	36.6	6.81	176.80	40.2	4.40	4.23
1975	163.53	36.1	4.53	249.31	41.9	5.95	266.08	36.4	7.31	180.79	39.5	4.58	4.40
1976	175.45	36.1	4.86	273.90	42.4	6.46	281.73	36.8	7.71	209.32	40.1	5.22	5.03
1977	189.00	35.9	5.25	301.20	43.4	6.94	295.65	36.5	8.10	228.90	40.4	5.68	5.44
1978	203.70	35.8	5.69	332.88	43.4	7.67	318.69	36.8	8.66	249.27	40.4	6.17	5.91
1979	219.91	35.7	6.16	365.37	43.0	8.49	342.99	37.0	9.27	269.38	40.2	6.70	6.43
1980	235.10	35.3	6.66	396.14	43.2	9.17	367.04	37.0	9.92	288.62	39.7	7.27	7.02
1981	255.20	35.2	7.25	438.62	43.6	10.06	395.60	36.8	10.75	317.60	39.8	7.98	7.71
1981:													
April	250.98	35.2	7.13	422.92	43.6	9.70	384.87	36.9	10.43	312.84	39.7	7.88	7.62
May	252.38	35.2	7.17	423.98	43.8	9.68	388.56	36.9	10.53	317.59	40.1	7.92	7.64
June	254.88	35.4	7.20	418.47	42.1	9.94	394.32	37.2	10.60	320.39	40.2	7.97	7.68
July	257.74	35.6	7.24	439.79	43.5	10.11	404.90	37.7	10.74	317.59	39.6	8.02	7.74
August	259.88	35.6	7.30	447.62	44.1	10.15	405.45	37.3	10.87	319.20	39.8	8.02	7.74
September	259.00	35.0	7.40	450.70	43.8	10.29	393.41	35.7	11.02	321.93	39.5	8.15	7.86
October	260.46	35.1	7.42	457.46	44.5	10.28	416.25	37.5	11.10	323.56	39.7	8.15	7.88
November	261.85	35.1	7.46	461.61	44.3	10.42	411.94	37.0	11.12	324.76	39.6	8.20	7.93
December	262.24	35.2	7.45	466.22	44.7	10.43	414.03	37.0	11.19	329.57	39.9	8.26	7.99
1982:													
January	255.95	33.9	7.55	457.10	42.8	10.68	383.79	33.2	11.56	312.01	37.1	8.41	8.17
February	261.99	34.7	7.55	463.28	43.5	10.65	402.70	35.7	11.28	326.93	39.2	8.34	8.09
March	261.64	34.7	7.54	464.97	43.7	10.64	416.97	36.9	11.30	326.49	39.1	8.35	8.12
April	261.58	34.6	7.56	460.31	43.1	10.68	406.16	36.2	11.22	325.08	38.7	8.40	8.17

Year and month	Average weekly earnings	Average weekly hours	Average hourly earnings	Average weekly earnings	Average weekly hours	Average hourly earnings	Average weekly earnings	Average weekly hours	Average hourly earnings	Average weekly earnings	Average weekly hours	Average hourly earnings
	Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services		
1960	–	–	–	$66.01	38.6	$1.71	$75.14	37.2	$2.02	–	–	–
1961	–	–	–	67.41	38.3	1.76	77.12	36.9	2.09	–	–	–
1962	–	–	–	69.91	38.2	1.83	80.94	37.3	2.17	–	–	–
1963	–	–	–	72.01	38.1	1.89	84.38	37.5	2.25	–	–	–
1964	$118.78	41.1	$2.89	74.68	37.9	1.97	85.79	37.3	2.30	$70.80	36.1	$1.96
1965	125.14	41.3	3.03	76.91	37.7	2.04	88.91	37.2	2.39	73.60	35.9	2.05
1966	128.13	41.2	3.11	79.39	37.1	2.14	92.13	37.3	2.47	77.04	35.5	2.17
1967	130.82	40.5	3.23	82.33	36.6	2.25	95.72	37.1	2.58	80.38	35.1	2.29
1968	138.85	40.6	3.42	87.00	36.1	2.41	101.75	37.0	2.75	83.97	34.7	2.42
1969	147.74	40.7	3.63	91.19	35.7	2.56	108.70	37.1	2.93	90.57	34.7	2.61
1970	155.93	40.5	3.85	96.02	35.3	2.72	117.67	36.7	3.02	98.66	34.3	2.81
1971	168.82	40.1	4.21	101.09	35.1	2.88	127.85	36.6	3.22	103.06	33.9	3.04
1972	187.86	40.4	4.65	106.45	34.9	3.05	132.98	36.6	3.36	110.85	33.9	3.27
1973	203.31	40.5	5.02	111.76	34.6	3.23	139.20	36.6	3.53	117.29	33.8	3.47
1974	217.48	40.2	5.41	119.02	34.2	3.48	137.61	36.5	3.77	126.00	33.6	3.75
1975	233.44	39.7	5.88	126.45	33.9	3.73	148.19	36.4	4.08	134.67	33.5	4.02
1976	256.71	39.8	6.45	133.79	33.7	3.97	155.43	36.4	4.27	143.52	33.3	4.31
1977	278.90	39.9	6.99	142.52	33.8	4.28	165.26	36.4	4.54	153.45	33.0	4.65
1978	302.80	40.0	7.57	153.64	32.9	4.67	178.00	36.4	4.89	163.67	32.8	4.99
1979	325.58	39.9	8.16	164.96	32.6	5.06	190.77	36.2	5.27	175.27	32.7	5.36
1980	351.45	39.6	8.87	176.45	32.2	5.48	209.28	36.2	5.78	193.71	32.6	5.85
1981	382.97	39.4	9.72	190.35	32.1	5.93	228.69	36.3	6.30	208.97	32.6	6.41
1981:												
April	374.94	39.3	9.54	188.43	32.1	5.87	225.06	36.3	6.20	205.38	32.6	6.30
May	376.89	39.3	9.59	188.48	32.0	5.89	225.26	36.1	6.24	205.73	32.5	6.33
June	383.27	39.8	9.63	190.25	32.3	5.89	225.26	36.1	6.24	206.99	32.7	6.33
July	385.66	39.8	9.69	193.85	32.8	5.91	227.60	36.3	6.27	209.22	33.0	6.34
August	390.66	39.5	9.89	194.83	32.8	5.94	231.23	36.3	6.37	210.89	32.9	6.41
September	390.82	39.2	9.97	194.49	32.2	6.04	229.68	36.0	6.38	210.92	32.4	6.51
October	389.44	39.1	9.96	191.40	31.9	6.00	232.40	36.2	6.42	213.53	32.5	6.57
November	395.75	39.3	10.07	192.36	31.9	6.03	235.66	36.2	6.51	216.79	32.5	6.67
December	396.14	39.3	10.08	193.52	32.2	6.01	233.85	36.2	6.46	217.12	32.6	6.66
1982:												
January	389.76	38.4	10.15	191.89	31.1	6.17	237.83	36.2	6.57	219.32	32.3	6.79
February	399.45	39.2	10.19	194.04	31.5	6.16	239.64	36.2	6.62	220.66	32.5	6.79
March	394.45	38.9	10.14	193.73	31.5	6.15	238.92	36.2	6.60	220.03	32.5	6.77
April	397.41	39.0	10.19	194.36	31.5	6.17	239.70	36.1	6.64	220.64	32.5	6.79

[1] For coverage of series, see footnote 1, table B-2.

p = preliminary

NOTE: Data from April 1980 forward are subject to revision when more recent benchmark data are introduced. See "Benchmark adjustment" in the Explanatory notes of this publication.

C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Mar. 1981	Apr. 1981	Feb. 1982	Mar. 1982P	Apr. 1982P	Mar. 1981	Apr. 1981	Feb. 1982	Mar. 1982P	Apr. 1982P
	TOTAL PRIVATE	$249.92	$250.98	$261.99	$261.64	$251.58	$7.10	$7.13	$7.55	$7.56	$7.55
	MINING	416.46	422.92	463.28	464.97	450.31	9.85	9.70	10.65	10.64	10.58
10	METAL MINING	458.58	461.04	480.64	469.56	-	11.13	11.30	12.23	12.33	-
101	Iron ores	474.14	485.20	511.83	532.36	-	11.72	12.01	12.86	12.89	-
102	Copper ores	481.62	496.13	485.31	493.25	-	11.44	11.63	12.31	12.27	-
11, 12	COAL MINING	417.20	403.44	514.59	508.17	-	11.40	11.44	12.37	12.31	-
12	BITUMINOUS COAL AND LIGNITE MINING	416.70	403.90	515.32	509.41	-	11.44	11.56	12.41	12.34	-
13	OIL AND GAS EXTRACTION	422.59	427.95	450.36	458.64	-	9.37	9.51	10.03	10.08	-
131, 2	Crude petroleum, natural gas, and natural gas liquids	441.25	447.91	483.69	475.26	-	10.71	10.69	11.74	11.62	-
138	Oil and gas field services	419.67	422.28	444.56	453.08	-	8.98	9.16	9.54	9.64	-
14	NONMETALLIC MINERALS, EXCEPT FUELS	342.40	349.06	363.80	360.95	-	8.00	8.08	8.83	8.71	-
142	Crushed and broken stone	328.75	335.39	343.60	353.96	-	7.61	7.71	8.36	8.27	-
	CONSTRUCTION	388.37	384.87	402.70	416.97	406.16	10.44	10.41	11.28	11.30	11.22
15	GENERAL BUILDING CONTRACTORS	348.49	340.78	359.66	356.05	-	9.49	9.44	10.16	10.14	-
152	Residential building construction	316.68	315.95	327.22	330.99	-	8.94	8.90	9.43	9.43	-
153	Operative builders	293.19	283.47	291.04	297.79	-	8.26	8.36	8.56	8.46	-
154	Nonresidential building construction	373.63	368.20	394.94	404.36	-	10.07	10.06	10.91	10.87	-
16	HEAVY CONSTRUCTION CONTRACTORS	397.07	394.60	428.85	447.59	-	9.78	9.87	11.11	10.97	-
161	Highway and street construction	349.57	362.48	335.79	358.90	-	8.61	8.95	9.10	8.95	-
162	Heavy construction, except highway	412.50	406.36	452.40	472.32	-	10.16	10.21	11.69	11.52	-
17	SPECIAL TRADE CONTRACTORS	407.32	403.60	414.12	428.04	-	11.19	11.18	11.90	11.99	-
171	Plumbing, heating, air conditioning	422.62	421.88	437.10	445.94	-	11.24	11.25	11.91	12.02	-
172	Painting, paper hanging, decorating	361.90	361.23	366.24	376.54	-	10.34	10.41	10.90	10.82	-
173	Electrical work	476.90	475.52	491.95	506.69	-	12.55	12.58	13.26	13.44	-
174	Masonry, stonework, and plastering	375.11	371.52	384.50	385.19	-	10.81	10.80	11.25	11.43	-
175	Carpentering and flooring	388.80	389.83	385.78	384.52	-	10.11	10.14	10.51	10.52	-
176	Roofing and sheet metal work	320.35	313.96	291.15	310.28	-	9.62	9.72	10.18	10.14	-
	MANUFACTURING	311.22	312.84	326.93	326.43	325.08	7.80	7.88	8.34	8.35	8.40
24, 25, 32-39	DURABLE GOODS	335.96	338.52	352.54	352.04	348.39	8.32	8.40	8.88	8.89	8.91
20-23, 26-31	NONDURABLE GOODS	274.09	275.41	291.43	293.69	291.08	7.01	7.08	7.55	7.57	7.66
	DURABLE GOODS										
24	LUMBER AND WOOD PRODUCTS	264.61	267.05	273.73	272.65	269.25	6.79	6.83	7.28	7.24	7.18
241	Logging camps and logging contractors	332.61	332.14	363.46	364.01	-	8.73	8.81	9.59	9.63	-
242	Sawmills and planing mills	276.11	279.40	284.63	282.37	-	6.99	7.02	7.59	7.55	-
2421	Sawmills and planing mills, general	293.72	293.72	300.00	296.91	-	7.36	7.38	8.00	7.96	-
2426	Hardwood dimension and flooring	196.52	197.31	200.26	199.64	-	4.95	4.95	5.27	5.24	-
243	Millwork, plywood, and structural members	262.64	264.03	262.63	262.88	-	6.70	6.77	7.06	7.01	-
2431	Millwork	261.03	262.96	276.29	272.88	-	6.78	6.83	7.29	7.20	-
2434	Wood kitchen cabinets	232.56	226.57	231.68	238.18	-	6.12	6.14	6.33	6.42	-
2435	Hardwood veneer and plywood	219.01	219.50	213.76	213.56	-	5.29	5.38	5.64	5.59	-
2436	Softwood veneer and plywood	327.64	334.14	310.62	313.53	-	8.13	8.23	8.51	8.37	-
244	Wood containers	207.04	209.83	212.39	219.52	-	5.42	5.45	5.56	5.60	-
245	Wood buildings and mobile homes	222.53	238.18	236.94	237.85	-	6.34	6.42	6.60	6.70	-
2451	Mobile homes	219.39	240.26	241.80	244.06	-	6.25	6.39	6.50	6.65	-
249	Miscellaneous wood products	236.40	234.95	244.33	243.89	-	5.78	5.83	6.17	6.19	-
25	FURNITURE AND FIXTURES	223.49	220.80	231.13	233.12	230.02	5.76	5.78	6.18	6.20	6.20
251	Household furniture	209.59	205.58	207.69	210.50	-	5.39	5.41	5.69	5.72	-
2511	Wood household furniture	196.61	192.61	193.41	194.67	-	4.99	4.99	5.27	5.29	-
2512	Upholstered household furniture	221.16	218.23	217.16	222.02	-	5.62	5.66	6.10	6.15	-
2514	Metal household furniture	218.22	215.28	232.23	236.01	-	5.66	5.65	5.97	5.99	-
2515	Mattresses and bedsprings	224.33	225.67	220.78	225.18	-	5.99	6.05	6.29	6.29	-
252	Office furniture	249.52	246.13	270.40	273.92	-	6.26	6.36	6.76	6.79	-
253	Public building and related furniture	255.36	247.26	277.14	280.74	-	6.40	6.34	7.07	7.18	-
254	Partitions and fixtures	264.80	265.30	286.08	286.46	-	6.95	7.00	7.45	7.46	-
259	Miscellaneous furniture and fixtures	253.78	253.34	270.59	265.65	-	6.48	6.39	7.01	6.90	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry – Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Mar. 1981	Apr. 1981	Feb. 1982	Mar. 1982p	Apr. 1982p	Mar. 1981	Apr. 1981	Feb. 1982	Mar. 1982p	Apr. 1982p
	TOTAL PRIVATE	35.2	35.2	34.7	34.7	34.6	-	-	-	-	-
	MINING	42.3	41.6	41.5	43.7	41.1	-	-	-	-	-
10	METAL MINING	41.2	40.8	39.3	39.8	-	-	-	-	-	-
101	Iron ores	40.8	40.4	39.9	41.3	-	-	-	-	-	-
102	Copper ores	42.1	41.8	39.4	40.2	-	-	-	-	-	-
11, 12	COAL MINING	38.6	38.5	41.6	41.2	-	-	-	-	-	-
12	BITUMINOUS COAL AND LIGNITE MINING	38.6	38.4	41.5	41.2	-	-	-	-	-	-
13	OIL AND GAS EXTRACTION	45.1	45.0	45.3	45.5	-	-	-	-	-	-
131, 2	Crude petroleum, natural gas, and natural gas liquids	41.2	41.9	41.2	43.9	-	-	-	-	-	-
138	Oil and gas field services	46.4	46.1	46.6	47.0	-	-	-	-	-	-
14	NONMETALLIC MINERALS, EXCEPT FUELS	42.8	43.2	41.2	41.9	-	-	-	-	-	-
142	Crushed and broken stone	43.2	43.5	41.1	42.8	-	-	-	-	-	-
	CONSTRUCTION	37.2	36.9	35.7	36.5	36.2	-	-	-	-	-
15	GENERAL BUILDING CONTRACTORS	36.3	36.1	35.4	36.1	-	-	-	-	-	-
152	Residential building construction	35.8	35.5	34.7	35.1	-	-	-	-	-	-
153	Operative builders	36.1	36.1	34.0	35.2	-	-	-	-	-	-
158	Nonresidential building construction	37.1	36.6	36.2	37.2	-	-	-	-	-	-
16	HEAVY CONSTRUCTION CONTRACTORS	40.6	40.0	38.6	43.4	-	-	-	-	-	-
161	Highway and street construction	40.6	40.5	36.9	40.1	-	-	-	-	-	-
162	Heavy construction, except highway	40.6	39.6	39.0	41.0	-	-	-	-	-	-
17	SPECIAL TRADE CONTRACTORS	36.4	36.1	36.8	35.7	-	-	-	-	-	-
171	Plumbing, heating, air conditioning	37.6	37.5	38.7	37.1	-	-	-	-	-	-
172	Painting, paper hanging, decorating	35.3	34.7	33.6	34.8	-	-	-	-	-	-
173	Electrical work	38.0	37.8	37.1	37.7	-	-	-	-	-	-
174	Masonry, stonework, and plastering	34.7	34.4	32.4	33.7	-	-	-	-	-	-
175	Carpentering and flooring	34.5	34.5	32.9	33.7	-	-	-	-	-	-
176	Roofing and sheet metal work	33.3	32.3	28.6	30.6	-	-	-	-	-	-
	MANUFACTURING	39.9	39.7	39.2	39.1	38.7	2.8	2.6	2.3	2.3	2.1
24, 25, 32-39	DURABLE GOODS	40.5	40.3	39.7	39.6	39.1	2.9	2.7	2.2	2.2	2.0
20-23, 26-31	NONDURABLE GOODS	39.1	38.9	38.6	38.4	38.3	2.7	2.6	2.5	2.4	2.3
	DURABLE GOODS										
24	LUMBER AND WOOD PRODUCTS	39.3	39.1	37.6	37.7	37.5	2.7	2.7	2.1	2.0	-
241	Logging camps and logging contractors	36.1	37.7	37.9	37.8	-	3.1	3.0	2.7	2.9	-
242	Sawmills and planing mills	39.5	39.8	37.5	37.4	-	3.1	3.2	2.6	2.9	-
2421	Sawmills and planing mills, general	39.5	39.8	37.5	37.1	-	3.3	3.4	2.7	2.6	-
2426	Hardwood dimension and flooring	39.7	39.8	38.0	38.1	-	2.5	2.6	1.8	1.6	-
243	Millwork, plywood, and structural members	39.2	39.0	37.2	37.5	-	2.9	2.3	1.5	1.7	-
2431	Millwork	38.5	38.5	37.9	37.9	-	1.6	1.6	1.0	1.1	-
2434	Wood kitchen cabinets	38.0	38.9	36.6	37.1	-	1.5	1.1	1.1	1.4	-
2435	Hardwood veneer and plywood	41.4	40.8	37.9	38.2	-	3.8	3.6	2.1	2.1	-
2436	Softwood veneer and plywood	40.3	40.6	36.5	37.1	-	3.4	1.7	2.1	2.4	-
244	Wood containers	38.2	38.5	38.2	39.2	-	2.9	2.2	1.8	2.3	-
245	Wood buildings and mobile homes	35.1	37.1	35.9	35.5	-	1.3	1.6	1.2	1.1	-
2451	Mobile homes	35.1	37.6	37.2	36.7	-	.9	1.2	1.3	1.2	-
249	Miscellaneous wood products	40.9	40.3	39.6	39.4	-	3.1	2.7	2.3	2.1	-
25	FURNITURE AND FIXTURES	38.8	38.2	37.4	37.6	37.1	1.9	1.7	1.4	1.4	-
251	Household furniture	38.7	38.0	36.5	36.8	-	2.0	1.6	1.0	1.1	-
2511	Wood household furniture	39.0	38.6	36.7	36.8	-	2.0	1.7	1.2	1.3	-
2512	Upholstered household furniture	38.0	36.9	35.6	36.1	-	1.5	1.1	.6	.7	-
2514	Metal household furniture	39.6	39.5	38.9	39.4	-	3.2	2.9	2.0	2.4	-
2515	Mattresses and bedsprings	37.4	37.3	35.1	35.8	-	1.7	1.4	1.0	1.0	-
252	Office furniture	39.7	38.7	40.0	39.9	-	2.3	2.1	2.1	2.1	-
253	Public building and related furniture	39.9	39.0	39.2	39.1	-	2.3	1.9	2.3	2.4	-
254	Partitions and fixtures	38.1	37.9	38.4	38.4	-	1.6	1.5	2.0	1.9	-
259	Miscellaneous furniture and fixtures	38.7	39.6	38.6	38.5	-	1.3	1.6	1.5	1.2	-

See footnotes at end of table

C 2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry — Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Mar. 1981	Apr. 1981	Feb. 1982	Mar. 1982P	Apr. 1982P	Mar. 1981	Apr. 1981	Feb. 1982	Mar. 1982P	Apr. 1982P
32	STONE, CLAY, AND GLASS PRODUCTS	$322.36	$331.70	$339.08	$341.41	$340.29	$7.94	$8.11	$8.63	$8.65	$8.73
321	Flat glass	429.13	427.84	472.92	482.64	-	10.47	10.59	11.28	11.41	-
322	Glass and glassware, pressed or blown	337.38	355.79	364.17	364.29	-	8.31	8.77	9.35	9.33	-
3221	Glass containers	355.18	385.33	384.62	383.93	-	8.63	9.33	9.45	9.41	-
3229	Pressed and blown glass, nec	311.84	318.40	335.72	346.59	-	7.90	7.98	8.72	8.72	-
323	Products of purchased glass	287.12	289.87	300.69	307.31	-	7.16	7.32	7.71	7.78	-
324	Cement, hydraulic	461.48	476.27	500.94	495.39	-	11.12	11.18	12.10	11.99	-
325	Structural clay products	262.44	267.55	281.19	284.20	-	6.55	6.59	7.21	7.25	-
326	Pottery and related products	269.96	270.18	281.25	283.24	-	6.80	6.88	7.23	7.30	-
327	Concrete, gypsum, and plaster products	336.71	341.97	339.12	333.35	-	7.85	7.98	8.42	8.44	-
3271	Concrete block and brick	304.12	312.61	288.40	289.23	-	7.20	7.27	7.53	7.60	-
3272	Concrete products, nec	288.40	291.33	302.54	312.95	-	7.00	7.02	7.64	7.69	-
3273	Ready-mixed concrete	357.65	357.14	336.32	353.43	-	8.68	8.84	9.36	9.32	-
329	Misc. nonmetallic mineral products	325.43	326.72	345.20	340.16	-	7.86	7.93	8.63	8.59	-
3291	Abrasive products	330.50	334.36	328.60	322.76	-	7.50	7.63	8.34	8.34	-
3292	Asbestos products	327.95	327.98	333.32	326.02	-	7.96	7.98	8.46	8.52	-
33	PRIMARY METAL INDUSTRIES	432.37	443.31	443.52	434.12	433.92	10.52	10.76	11.20	11.16	11.30
331	Blast furnace and basic steel products	501.43	528.78	520.83	501.02	-	12.23	12.56	13.24	13.15	-
3312	Blast furnaces and steel mills	519.43	549.83	539.78	519.84	-	12.70	13.06	13.77	13.68	-
3313	Electrometallurgical products	406.89	414.41	408.99	399.57	-	9.90	10.01	10.46	10.46	-
332	Iron and steel foundries	357.54	366.39	359.52	355.68	-	8.85	8.92	9.29	9.36	-
3321	Gray iron foundries	364.41	351.51	358.82	358.53	-	9.02	9.13	9.38	9.46	-
3322	Malleable iron foundries	377.94	372.17	385.57	383.90	-	9.52	9.47	10.12	10.12	-
3325	Steel foundries, nec	341.22	345.12	358.09	348.81	-	8.42	8.42	9.02	9.06	-
333	Primary nonferrous metals	479.55	483.81	507.38	511.87	-	11.50	11.63	12.59	12.67	-
3334	Primary aluminum	516.25	511.70	536.30	551.49	-	12.31	12.36	13.40	13.55	-
335	Nonferrous rolling and drawing	397.95	403.54	403.27	432.17	-	9.43	9.54	9.86	9.93	-
3351	Copper rolling and drawing	348.99	357.81	345.66	341.28	-	8.27	8.36	8.62	8.64	-
3353	Aluminum sheet, plate, and foil	539.12	521.15	546.11	535.39	-	11.88	12.11	12.88	12.87	-
3357	Nonferrous wire drawing and insulating	366.66	366.17	374.74	370.06	-	8.73	8.76	9.14	9.16	-
336	Nonferrous foundries	316.33	313.23	328.72	327.76	-	7.83	7.87	8.28	8.34	-
3363	Aluminum foundries	329.41	324.40	337.11	333.26	-	8.02	8.11	8.47	8.48	-
34	FABRICATED METAL PRODUCTS	325.29	323.61	337.66	340.89	337.65	8.01	8.05	8.57	8.63	8.68
341	Metal cans and shipping containers	453.68	459.61	482.51	494.50	-	10.51	10.59	11.30	11.50	-
3411	Metal cans	461.95	476.10	498.74	515.27	-	10.88	10.97	11.68	11.90	-
342	Cutlery, hand tools, and hardware	302.91	304.56	315.39	319.87	-	7.63	7.73	8.10	8.16	-
3423	Hand and edge tools, except machine tools and handsaws	293.73	296.94	301.48	304.20	-	7.25	7.35	7.75	7.80	-
3429	Hardware, nec	319.95	317.00	326.24	332.74	-	8.10	8.17	8.43	8.51	-
343	Plumbing and heating, except electric	274.95	273.54	295.30	297.98	-	7.05	7.05	7.69	7.68	-
3432	Plumbing fixture and brass goods	270.80	271.55	292.86	295.31	-	6.77	6.84	7.49	7.52	-
3433	Heating equipment, except electric	262.39	261.95	291.83	289.17	-	6.95	6.93	7.58	7.55	-
344	Fabricated structural metal products	310.78	310.04	338.32	334.05	-	7.75	7.79	8.46	8.50	-
3441	Fabricated structural metal	328.36	328.84	346.26	352.40	-	7.96	8.04	8.70	8.81	-
3442	Metal doors, sash, and trim	242.94	247.40	261.67	260.62	-	6.31	6.36	6.85	6.81	-
3443	Fabricated plate work (boiler shops)	350.61	344.61	379.73	375.74	-	9.51	8.53	9.33	9.37	-
3444	Sheet metal work	309.29	309.28	333.37	336.65	-	7.85	7.91	8.57	8.61	-
3446	Architectural metal work	287.83	283.75	310.45	306.15	-	7.16	7.22	7.82	7.83	-
345	Screw machine products, bolts, etc.	307.57	303.86	315.61	316.78	-	7.52	7.54	7.99	8.04	-
3451	Screw machine products	276.10	277.99	298.30	295.21	-	6.97	7.02	7.45	7.48	-
3452	Bolts, nuts, rivets, and washers	336.07	330.03	333.84	337.90	-	8.04	8.03	8.56	8.62	-
346	Metal forgings and stampings	387.69	386.10	381.21	383.65	-	9.41	9.44	9.70	9.84	-
3462	Iron and steel forgings	404.19	398.80	418.80	415.52	-	9.98	9.97	10.47	10.60	-
3465	Automotive stampings	493.43	492.15	456.67	478.38	-	11.61	11.58	11.62	11.84	-
3469	Metal stampings, nec	285.22	279.58	299.13	293.90	-	7.06	7.06	7.67	7.67	-
347	Metal services, nec	263.40	258.73	264.80	266.65	-	6.44	6.42	6.86	6.86	-
3471	Plating and polishing	255.04	250.98	261.91	265.30	-	6.36	6.37	6.82	6.82	-
3479	Metal coating and allied services	280.50	275.87	266.19	269.27	-	6.60	6.53	6.95	6.94	-
348	Ordnance and accessories, nec	327.16	329.65	352.35	351.54	-	7.98	8.06	8.70	8.68	-
3483	Ammunition, exc. for small arms, nec	282.13	290.27	319.60	317.99	-	7.16	7.33	8.01	7.93	-
349	Misc. fabricated metal products	304.84	298.45	317.88	317.10	-	7.49	7.48	8.13	8.11	-
3494	Valves and pipe fittings	329.54	324.79	340.73	342.07	-	7.96	7.98	8.67	8.66	-
3496	Misc. fabricated wire products	267.15	262.94	270.27	272.13	-	6.58	6.59	7.02	7.05	-
35	MACHINERY, EXCEPT ELECTRICAL	355.14	353.74	375.25	371.28	364.45	8.62	8.67	9.22	9.19	9.18
351	Engines and turbines	419.60	426.12	446.84	447.19	-	10.49	10.60	11.37	11.35	-
3511	Turbines and turbine generator sets	434.58	383.04	415.91	432.64	-	9.82	9.60	10.45	10.63	-
3519	Internal combustion engines, nec	425.33	441.69	457.47	452.80	-	10.74	10.96	11.70	11.64	-
352	Farm and garden machinery	387.60	388.40	395.92	373.46	-	9.50	9.59	9.80	9.24	-
3523	Farm machinery and equipment	407.71	406.41	413.48	390.17	-	9.92	10.01	10.26	9.73	-
353	Construction and related machinery	391.15	391.11	417.73	417.17	-	9.38	9.47	10.09	10.15	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry – Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Mar. 1981	Apr. 1981	Feb. 1982	Mar. 1982P	Apr. 1982P	Mar. 1981	Apr. 1981	Feb. 1982	Mar. 1982P	Apr. 1982P
32	**STONE, CLAY, AND GLASS PRODUCTS**	40.6	40.9	39.2	39.7	39.4	3.7	3.8	3.1	3.1	–
321	Flat glass	40.7	40.4	42.0	42.3	–	3.6	3.3	4.1	4.1	–
322	Glass and glassware, pressed or blown	40.6	40.7	39.8	39.9	–	3.8	3.8	4.0	4.0	–
3221	Glass containers	41.3	41.3	40.7	40.8	–	4.8	4.9	4.8	4.9	–
3229	Pressed and blown glass, nec	39.6	39.9	38.5	38.6	–	3.1	3.2	3.0	2.8	–
323	Products of purchased glass	40.1	39.6	39.0	39.5	–	3.3	2.8	2.6	2.9	–
324	Cement, hydraulic	41.5	42.6	41.4	41.4	–	3.0	3.5	2.6	2.3	–
325	Structural clay products	40.1	40.6	39.0	39.2	–	2.7	3.0	2.4	2.4	–
326	Pottery and related products	39.7	39.3	38.9	38.8	–	2.0	2.1	2.0	1.8	–
327	Concrete, gypsum, and plaster products	40.6	41.6	37.9	39.5	–	4.6	5.1	3.6	4.4	–
3271	Concrete block and brick	42.1	43.0	38.3	39.5	–	4.5	5.5	3.2	3.8	–
3272	Concrete products, nec	41.2	41.5	39.6	40.7	–	4.1	4.3	3.7	4.1	–
3273	Ready-mixed concrete	38.9	40.4	35.9	37.6	–	4.5	5.0	3.7	4.1	–
329	Misc. nonmetallic mineral products	41.4	41.2	40.0	39.6	–	3.4	3.3	2.5	2.3	–
3291	Abrasive products	41.4	41.2	39.4	38.7	–	3.1	2.8	1.7	1.6	–
3292	Asbestos products	41.2	41.1	39.4	38.5	–	2.9	2.7	1.7	1.7	–
33	**PRIMARY METAL INDUSTRIES**	41.1	41.2	39.6	38.9	38.4	3.2	3.2	2.2	2.0	–
331	Blast furnace and basic steel products	41.0	42.1	39.3	38.1	–	2.8	3.2	1.8	1.4	–
3312	Blast furnaces and steel mills	40.9	42.1	39.2	38.0	–	2.7	3.2	1.9	1.4	–
3317	Steel pipe and tubes	41.1	41.4	39.1	38.2	–	3.5	3.8	1.7	1.5	–
332	Iron and steel foundries	40.4	38.9	38.7	38.0	–	3.0	2.5	2.3	2.0	–
3321	Gray iron foundries	40.4	38.5	38.2	37.9	–	2.9	2.6	2.3	2.0	–
3322	Malleable iron foundries	39.7	39.3	38.1	37.2	–	2.9	2.4	2.2	2.0	–
3325	Steel foundries, nec	41.0	39.8	39.7	38.5	–	3.4	2.3	2.5	2.1	–
333	Primary nonferrous metals	41.7	41.6	40.3	40.4	–	3.4	3.5	2.5	2.5	–
3334	Primary aluminum	42.1	41.4	40.0	40.7	–	3.7	3.6	2.9	3.1	–
335	Nonferrous rolling and drawing	42.2	42.3	40.9	40.5	–	4.4	4.5	3.0	2.9	–
3351	Copper rolling and drawing	42.2	42.8	40.1	39.5	–	4.8	4.7	2.6	2.3	–
3353	Aluminum sheet, plate and foil	43.0	43.2	42.4	41.6	–	6.0	5.9	4.1	4.2	–
3357	Nonferrous wire drawing and insulating	42.0	41.8	41.0	40.4	–	4.3	4.4	3.2	2.8	–
336	Nonferrous foundries	40.4	39.8	39.7	39.3	–	2.7	2.3	2.0	2.0	–
3361	Aluminum foundries	40.7	40.0	39.8	39.3	–	3.0	2.7	2.1	2.3	–
34	**FABRICATED METAL PRODUCTS**	40.6	40.2	39.4	39.5	38.9	2.8	2.5	2.1	2.1	–
341	Metal cans and shipping containers	42.9	43.4	42.7	43.0	–	4.4	4.2	4.0	4.1	–
3411	Metal cans	42.8	43.4	42.7	43.3	–	4.1	4.0	4.0	4.1	–
342	Cutlery, hand tools, and hardware	39.7	39.4	38.9	39.2	–	2.3	2.0	1.4	1.3	–
3423, 5	Hand and edge tools, and hand saws and blades	40.1	40.4	38.9	39.3	–	2.4	2.4	1.4	1.4	–
3429	Hardware, nec	39.5	38.8	38.7	39.1	–	2.3	1.9	1.4	1.2	–
343	Plumbing and heating, except electric	39.0	38.8	38.4	38.8	–	1.8	1.3	1.3	1.5	–
3432	Plumbing fittings and brass goods	40.3	39.7	39.1	40.6	–	2.3	1.7	1.7	2.5	–
3433	Heating equipment, except electric	37.7	37.8	38.5	38.3	–	1.1	.9	1.0	1.1	–
344	Fabricated structural metal products	40.1	39.8	39.4	39.3	–	2.6	2.3	2.2	2.1	–
3441	Fabricated structural metal	41.0	40.9	39.8	40.0	–	2.9	2.8	2.6	2.6	–
3442	Metal doors, sash, and trim	38.5	38.9	38.2	38.3	–	1.7	1.8	1.7	1.6	–
3443	Fabricated plate work (boiler shops)	41.2	40.4	40.7	40.1	–	2.9	2.5	2.8	2.6	–
3444	Sheet metal work	39.4	39.1	38.9	39.1	–	2.6	2.1	2.0	2.0	–
3446	Architectural metal work	40.2	39.3	39.7	39.1	–	2.1	1.5	1.8	1.5	–
345	Screw machine products, bolts, etc	40.9	40.3	39.5	39.4	–	3.0	2.5	1.8	2.0	–
3451	Screw machine products	39.9	39.6	40.0	39.6	–	2.8	2.5	2.1	2.1	–
3452	Bolts, nuts, rivets, and washers	41.8	41.1	39.0	39.2	–	3.2	2.6	1.2	1.6	–
346	Metal forgings and stampings	41.2	40.9	39.3	39.7	–	3.6	3.3	1.9	2.3	–
3462	Iron and steel forgings	40.5	40.0	40.0	39.2	–	3.3	2.9	2.1	2.0	–
3465	Automotive stampings	42.5	42.5	39.3	40.4	–	4.7	4.7	1.8	2.7	–
3469	Metal stampings, nec	40.4	39.6	39.0	39.1	–	2.6	2.1	1.8	1.9	–
347	Metal services, nec	40.9	40.3	38.6	38.9	–	2.6	2.4	2.1	2.4	–
3471	Plating and polishing	40.1	39.4	38.7	38.9	–	3.0	2.5	2.2	2.5	–
3479	Metal coating and allied services	42.5	42.4	38.3	38.8	–	1.8	2.2	1.8	2.2	–
348	Ordnance and accessories, nec	41.0	40.9	40.5	40.5	–	2.9	2.7	2.6	2.2	–
3483	Ammunition, exc. for small arms, nec	39.4	39.6	39.9	40.1	–	1.9	1.9	2.2	1.7	–
349	Misc. fabricated metal products	40.7	39.9	39.1	39.1	–	2.8	2.3	2.0	1.9	–
3494	Valves and pipe fittings	41.4	40.7	39.3	39.5	–	3.2	2.9	2.1	2.0	–
3496	Misc. fabricated wire products	40.6	39.9	38.5	38.6	–	2.7	2.1	1.7	1.6	–
35	**MACHINERY, EXCEPT ELECTRICAL**	41.2	40.8	40.7	40.4	39.7	3.4	3.0	2.7	2.5	–
351	Engines and turbines	40.0	40.2	39.3	39.4	–	2.7	2.8	1.8	2.3	–
3511	Turbines and turbine generator sets	41.2	39.9	39.8	40.7	–	3.5	2.9	2.7	3.8	–
3519	Internal combustion engines, nec	39.6	40.3	39.1	38.9	–	2.4	2.7	1.5	1.3	–
352	Farm and garden machinery	40.8	40.5	40.4	40.2	–	3.4	3.3	2.4	1.8	–
3523	Farm machinery and equipment	41.1	40.6	40.3	40.1	–	3.8	3.6	2.3	1.7	–
353	Construction and related machinery	41.7	41.3	41.4	41.1	–	3.3	3.0	3.0	2.9	–

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry – Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Mar. 1981	Apr. 1981	Feb. 1982	Mar. 1982P	Apr. 1982P	Mar. 1981	Apr. 1981	Feb. 1982	Mar. 1982P	Apr. 1982P
	MACHINERY, EXCEPT ELECTRICAL — Continued	$428.09	$429.74	$447.14	$447.23	-	$10.57	$10.69	$11.32	$11.38	-
3531	Construction machinery	385.63	384.98	409.24	409.90	-	9.27	9.24	10.18	10.30	-
3532	Mining machinery	403.37	405.86	441.22	439.94	-	8.78	8.92	9.74	9.82	-
3533	Oil field machinery	311.33	316.42	344.86	338.64	-	8.15	8.24	8.60	8.53	-
3535	Conveyors and conveying equipment	311.33	312.86	336.92	338.30	-	8.15	8.19	8.82	8.81	-
3537	Industrial trucks and tractors	372.66	366.50	388.81	384.35	-	8.81	8.81	9.46	9.49	-
354	Metalworking machinery	387.56	374.69	396.66	389.46	-	8.93	8.90	9.77	9.81	-
3541	Machine tools, metal cutting types	359.20	360.08	382.57	378.84	-	8.98	9.07	9.86	9.84	-
3542	Machine tools, metal forming types	405.14	399.50	421.42	413.67	-	9.40	9.40	10.01	10.04	-
3544	Special dies, tools, jigs, and fixtures	335.20	330.42	340.29	335.16	-	8.00	8.02	8.55	8.55	-
3545	Machine tool accessories	271.10	271.91	328.18	318.89	-	7.06	7.06	7.74	7.74	-
3546	Power driven hand tools	331.20	326.82	353.43	350.16	-	8.00	8.03	8.77	8.81	-
355	Special industry machinery	341.78	339.55	365.02	362.06	-	8.46	8.51	9.08	9.12	-
3551	Food products machinery	262.34	261.95	273.05	265.49	-	6.43	6.50	6.95	6.95	-
3552	Textile machinery	358.99	350.20	368.24	370.17	-	8.31	8.24	9.07	9.15	-
3555	Printing trades machinery	388.94	383.80	367.03	365.09	-	8.49	8.51	9.13	9.15	-
356	General industrial machinery	347.99	339.37	377.21	374.26	-	8.55	8.57	9.36	9.38	-
3561	Pumps and pumping equipment	359.54	358.41	361.01	355.51	-	8.52	8.54	8.87	8.91	-
3562	Ball and roller bearings	375.62	381.07	413.50	404.97	-	8.88	9.03	9.94	9.95	-
3563	Air and gas compressors	314.65	311.15	345.14	341.82	-	7.75	7.74	8.48	8.44	-
3564	Blowers and fans	392.92	383.35	387.30	390.43	-	9.40	9.35	9.88	9.96	-
3566	Speed changers, drives, and gears	338.25	336.20	355.52	350.24	-	8.25	8.22	8.80	8.80	-
3568	Power transmission equipment, nec	298.16	299.88	324.84	322.55	-	7.29	7.35	7.79	7.81	-
357	Office and computing machines	296.12	298.98	326.21	322.76	-	7.24	7.31	7.73	7.74	-
3573	Electronic computing equipment	315.59	315.22	336.40	335.12	-	7.87	7.92	8.41	8.42	-
358	Refrigeration and service machinery	323.21	322.76	339.16	340.42	-	8.06	8.11	8.63	8.64	-
3585	Refrigeration and heating equipment	343.17	340.66	354.00	351.04	-	8.37	8.37	8.85	8.82	-
359	Misc. machinery, except electrical	397.54	391.72	428.93	398.09	-	9.84	9.72	10.75	10.26	-
3592	Carburetors, pistons, rings, valves	333.73	332.11	343.69	343.60	-	8.12	8.14	8.59	8.59	-
3599	Machinery, except electrical, nec										
36	ELECTRIC AND ELECTRONIC EQUIPMENT	300.29	298.90	318.40	319.18	$316.32	7.47	7.51	8.00	8.06	$8.39
361	Electric distributing equipment	296.40	293.38	307.31	305.76	-	7.41	7.39	7.78	7.82	-
3612	Transformers	294.98	292.82	299.07	296.45	-	7.23	7.23	7.61	7.72	-
3613	Switchgear and switchboard apparatus	297.47	298.39	314.42	312.84	-	7.55	7.51	7.92	7.90	-
362	Electrical industrial apparatus	316.00	313.80	325.91	318.50	-	7.67	7.71	8.23	8.23	-
3621	Motors and generators	319.19	316.52	327.62	324.77	-	7.71	7.72	8.17	8.16	-
3622	Industrial controls	301.44	293.25	315.06	298.52	-	7.48	7.50	8.12	8.09	-
363	Household appliances	300.89	299.38	304.42	300.55	-	7.56	7.56	7.99	7.93	-
3632	Household refrigerators and freezers	355.10	358.03	360.21	364.17	-	8.68	8.69	9.26	9.29	-
3633	Household laundry equipment	345.64	348.98	355.13	358.15	-	8.84	8.88	9.42	9.50	-
3634	Electric housewares and fans	238.19	231.46	229.68	227.79	-	6.03	5.95	6.31	6.31	-
364	Electric lighting and wiring equipment	277.38	274.62	297.35	295.50	-	6.90	6.97	7.49	7.50	-
3641	Electric lamps	306.40	306.92	345.17	344.35	-	7.66	7.77	8.46	8.44	-
3643	Current-carrying wiring devices	268.87	264.26	278.95	277.93	-	6.59	6.59	7.08	7.09	-
3644	Noncurrent-carrying wiring devices	294.94	294.33	293.31	288.38	-	7.09	7.26	7.54	7.51	-
3645	Residential lighting fixtures	212.78	205.86	238.73	228.65	-	5.47	5.49	6.09	5.97	-
365	Radio and TV receiving equipment	273.46	276.53	296.42	302.25	-	7.14	7.22	7.62	7.75	-
3651	Radio and TV receiving sets	286.03	287.27	299.90	308.83	-	7.41	7.54	7.81	7.98	-
366	Communication equipment	344.25	341.60	377.40	383.64	-	8.50	8.54	9.25	9.38	-
3661	Telephone and telegraph apparatus	354.78	353.50	384.61	385.01	-	8.75	8.75	9.52	9.53	-
3662	Radio and TV communication equipment	337.79	334.32	372.69	383.16	-	8.32	8.40	9.09	9.30	-
367	Electronic components and accessories	257.90	258.30	277.70	277.90	-	6.48	6.49	6.96	7.00	-
3671,3	Electronic tubes	333.84	337.35	352.81	357.14	-	8.03	8.09	8.69	8.84	-
3674	Semiconductors and related devices	295.00	290.47	320.79	315.22	-	7.32	7.28	7.96	7.94	-
3679	Electronic components, nec	239.18	240.98	258.95	252.43	-	6.04	6.07	6.49	6.56	-
369	Misc. electrical equipment and supplies	342.45	347.27	352.54	358.80	-	8.54	8.66	8.88	8.97	-
3691	Storage batteries	321.01	328.20	350.37	338.69	-	8.21	8.33	8.87	8.82	-
3694	Engine electrical equipment	379.93	389.77	377.91	390.85	-	9.57	9.72	9.74	9.87	-
37	TRANSPORTATION EQUIPMENT	414.29	415.74	435.38	437.40	436.86	10.08	10.14	10.75	10.80	10.76
371	Motor vehicles and equipment	440.34	448.11	448.40	451.67	-	10.74	10.85	11.21	11.32	-
3711	Motor vehicles and car bodies	493.36	502.94	519.54	513.51	-	11.96	12.09	12.86	12.87	-
3713	Truck and bus bodies	335.41	341.88	360.10	357.29	-	8.47	8.59	8.98	8.91	-
3714	Motor vehicle parts and accessories	423.30	427.23	420.15	425.46	-	10.20	10.27	10.53	10.61	-
3715	Truck trailers	268.28	270.16	298.36	294.86	-	7.31	7.45	7.79	7.78	-
372	Aircraft and parts	417.00	412.41	458.02	455.26	-	10.00	10.01	11.01	10.97	-
3721	Aircraft	431.89	430.76	481.54	476.93	-	10.43	10.43	11.52	11.52	-
3724	Aircraft engines and engine parts	412.49	405.41	452.10	450.59	-	10.11	10.11	11.00	10.99	-
3728	Aircraft equipment, nec	387.43	383.24	417.74	417.50	-	9.01	9.06	9.97	9.87	-
373	Ship and boat building and repairing	363.44	353.97	372.24	375.74	-	8.80	8.74	9.40	9.37	-
3731	Shipbuilding and repairing	383.05	372.20	390.66	-	-	9.23	9.19	9.89	-	-
3732	Boat building and repairing	293.94	292.01	311.18	308.87	-	7.29	7.21	7.76	7.78	-
374	Railroad equipment	409.73	411.39	428.16	431.28	-	10.67	10.65	11.15	11.29	-

See footnotes at end of table.

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C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Mar. 1981	Apr. 1981	Feb. 1982	Mar. 1982P	Apr. 1982P	Mar. 1981	Apr. 1981	Feb. 1982	Mar. 1982P	Apr. 1982P
	MACHINERY, EXCEPT ELECTRICAL—Continued										
3531	Construction machinery	40.5	40.2	39.5	39.3	-	1.9	1.8	1.6	1.1	-
3532	Mining machinery	41.6	39.5	40.2	39.8	-	2.8	1.6	2.2	1.9	-
3533	Oil field machinery	45.6	45.5	45.3	44.8	-	6.3	5.9	5.2	5.6	-
3535	Conveyors and conveying equipment	38.2	38.4	40.1	39.7	-	2.4	2.3	2.7	1.9	-
3537	Industrial trucks and tractors	38.2	38.2	38.2	38.4	-	1.9	1.7	1.7	1.7	-
354	Metalworking machinery	42.3	41.6	41.1	40.5	-	4.5	3.9	3.3	3.1	-
3541	Machine tools, metal cutting types	43.4	42.1	40.6	39.7	-	5.1	4.3	3.0	2.6	-
3542	Machine tools, metal forming types	40.0	39.7	38.8	38.5	-	3.0	2.6	2.3	2.0	-
3544	Special dies, tools, jigs, and fixtures	43.1	42.5	42.1	41.7	-	5.5	4.9	4.4	4.4	-
3545	Machine tool accessories	41.9	41.2	39.8	39.2	-	3.7	3.3	1.8	1.8	-
3546	Power driven hand tools	38.4	38.5	42.4	41.2	-	1.5	1.4	2.7	1.7	-
355	Special industry machinery	41.4	40.7	40.3	40.2	-	3.0	2.5	2.5	2.4	-
3551	Food products machinery	40.4	39.9	40.2	39.7	-	2.3	2.0	2.4	2.4	-
3552	Textile machinery	40.8	40.3	38.8	38.2	-	2.0	1.7	1.9	1.4	-
3555	Printing trades machinery	43.2	42.5	40.6	40.5	-	4.4	3.5	2.8	2.7	-
356	General industrial machinery	41.1	40.4	40.2	39.9	-	3.2	2.7	2.4	2.1	-
3561	Pumps and pumping equipment	40.7	39.6	40.3	39.9	-	2.9	2.4	2.5	2.3	-
3562	Ball and roller bearings	42.2	41.5	40.7	39.9	-	3.8	3.4	2.5	1.9	-
3563	Air and gas compressors	42.3	42.2	41.6	40.7	-	4.0	3.6	3.2	2.7	-
3564	Blowers and fans	40.6	40.2	40.7	40.5	-	3.0	2.5	2.8	2.5	-
3566	Speed changers, drives, and gears	41.8	41.0	39.2	39.2	-	3.4	2.5	1.9	1.4	-
3568	Power transmission equipment, nec	41.0	40.9	40.4	39.8	-	3.3	2.9	2.2	1.9	-
357	Office and computing machines	40.9	40.8	41.7	41.3	-	2.5	2.3	2.7	2.7	-
3573	Electronic computing equipment	40.9	40.9	42.2	41.7	-	2.7	2.5	3.1	3.0	-
358	Refrigeration and service machinery	40.1	39.8	40.0	39.8	-	2.5	2.3	1.7	1.5	-
3585	Refrigeration and heating equipment	40.1	39.8	39.3	39.4	-	2.2	2.3	1.6	1.4	-
359	Misc. machinery, except electrical	41.0	40.7	40.0	39.8	-	3.5	3.4	3.0	2.8	-
3592	Carburetors, pistons, rings, valves	40.4	40.3	39.9	38.8	-	2.4	1.8	1.6	1.2	-
3599	Machinery, except electrical, nec	41.1	40.8	40.0	40.0	-	4.0	3.6	3.2	3.1	-
36	**ELECTRIC AND ELECTRONIC EQUIPMENT**	40.2	39.8	39.8	39.6	39.1	2.3	2.0	1.9	1.8	-
361	Electric distributing equipment	40.0	39.7	39.5	39.1	-	2.5	2.2	1.9	1.8	-
3612	Transformers	40.8	40.5	39.3	38.4	-	2.6	2.3	2.2	2.0	-
3613	Switchgear and switchboard apparatus	39.4	39.2	39.7	39.6	-	2.5	2.1	1.7	1.6	-
362	Electrical industrial apparatus	41.2	40.7	39.6	38.7	-	2.9	2.5	1.7	1.4	-
3621	Motors and generators	41.4	41.0	40.1	39.8	-	3.0	2.6	1.9	1.7	-
3622	Industrial controls	40.3	39.1	38.8	36.9	-	2.4	1.8	1.2	.7	-
363	Household appliances	39.8	39.6	38.1	37.9	-	1.9	1.7	1.1	1.0	-
3632	Household refrigerators and freezers	41.1	41.2	38.9	39.2	-	2.2	1.9	.9	.9	-
3633	Household laundry equipment	39.1	39.3	37.7	37.7	-	1.0	1.1	.7	.6	-
3634	Electric housewares and fans	39.5	38.9	36.4	36.1	-	1.4	1.1	1.0	.9	-
364	Electric lighting and wiring equipment	40.2	39.4	39.7	39.4	-	2.5	2.0	1.8	1.6	-
3641	Electric lamps	40.0	39.5	40.8	40.8	-	1.7	1.6	2.0	1.9	-
3643	Current carrying wiring devices	40.8	40.1	39.4	39.2	-	3.1	2.6	2.0	1.7	-
3644	Noncurrent carrying wiring devices	41.6	40.5	38.9	38.4	-	2.8	2.7	1.3	1.2	-
3645	Residential lighting fixtures	38.9	37.5	39.2	38.3	-	1.7	.9	2.1	1.4	-
365	Radio and TV receiving equipment	39.3	38.3	38.9	39.0	-	1.5	1.6	.9	1.0	-
3651	Radio and TV receiving sets	38.6	38.1	38.4	38.7	-	1.4	1.7	.7	.9	-
366	Communication equipment	40.5	40.0	40.8	40.9	-	2.1	1.8	2.2	2.2	-
3661	Telephone and telegraph apparatus	40.5	40.4	40.4	40.4	-	1.9	1.7	2.0	1.8	-
3662	Radio and TV communication equipment	40.6	39.8	41.0	41.2	-	2.2	1.8	2.3	2.4	-
367	Electronic components and accessories	39.8	39.8	39.9	39.7	-	2.3	2.1	2.2	2.1	-
3671,3	Electronic tubes	41.2	41.7	40.6	40.4	-	2.3	2.1	1.9	2.0	-
3674	Semiconductors and related devices	40.3	39.9	40.3	39.7	-	2.6	2.2	2.6	2.2	-
3679	Electronic components, nec	39.6	39.7	39.9	40.0	-	2.3	2.2	2.1	2.2	-
369	Misc. electrical equipment and supplies	40.1	40.1	39.7	40.0	-	2.2	2.2	1.8	2.0	-
3691	Storage batteries	39.1	39.4	39.5	38.4	-	1.5	1.7	1.7	1.2	-
3694	Engine electrical equipment	39.7	40.1	38.8	39.6	-	2.1	2.3	1.4	2.0	-
37	**TRANSPORTATION EQUIPMENT**	41.1	41.0	40.5	40.5	40.3	3.2	3.2	2.5	2.8	-
371	Motor vehicles and equipment	41.3	41.3	40.0	39.9	-	4.8	3.3	1.8	1.9	-
3711	Motor vehicles and car bodies	41.0	41.6	40.4	39.9	-	2.6	3.5	1.4	1.7	-
3713	Truck and bus bodies	39.6	39.8	40.1	40.1	-	1.9	2.3	1.7	1.2	-
3714	Motor vehicle parts and accessories	41.5	41.6	39.9	40.1	-	3.2	3.4	1.9	2.3	-
3715	Truck trailers	36.7	36.8	38.3	37.9	-	.8	1.1	1.1	.8	-
372	Aircraft and parts	41.7	41.2	41.6	41.5	-	3.7	3.2	3.4	3.2	-
3721	Aircraft	41.6	41.3	41.8	41.4	-	3.2	2.9	3.2	2.9	-
3724	Aircraft engines and engine parts	40.8	40.1	41.1	41.0	-	3.6	3.1	3.7	3.5	-
3728	Aircraft equipment, nec	43.0	42.3	41.9	42.3	-	4.7	4.1	3.5	3.6	-
373	Ship and boat building and repairing	41.3	40.5	39.6	40.1	-	4.9	3.5	2.4	2.3	-
3731	Ship building and repairing	41.5	40.5	39.5	-	-	4.1	3.6	2.2	-	-
3732	Boat building and repairing	40.6	40.5	40.1	39.7	-	3.6	3.1	2.8	2.3	-
374	Railroad equipment	38.4	38.6	38.4	38.2	-	2.2	2.2	1.2	1.4	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Mar. 1981	Apr. 1981	Feb. 1982	Mar. 1982P	Apr. 1982P	Mar. 1981	Apr. 1981	Feb. 1982	Mar. 1982P	Apr. 1982P
	TRANSPORTATION EQUIPMENT—Continued										
376	Guided missiles, space vehicles, parts	$399.10	$394.18	$429.95	$429.55	-	$9.83	$9.83	$10.59	$10.58	-
3761	Guided missiles and space vehicles	401.61	401.30	438.34	441.73	-	10.04	10.05	10.85	10.88	-
379	Miscellaneous transportation equipment	298.67	282.71	346.36	353.01	-	7.24	7.05	8.51	8.61	-
3792	Travel trailers and campers	254.87	253.37	281.51	296.42	-	6.42	6.48	7.35	7.62	-
38	INSTRUMENTS AND RELATED PRODUCTS	293.54	289.28	318.00	321.20	$315.97	7.23	7.25	7.95	8.01	$8.04
381	Engineering and scientific instruments	309.55	307.80	334.55	335.78	-	7.55	7.60	8.22	8.25	-
382	Measuring and controlling devices	291.72	285.51	312.43	320.40	-	7.15	7.12	7.85	8.01	-
3822	Environmental controls	265.34	258.23	283.48	287.04	-	6.65	6.59	7.25	7.36	-
3823	Process control instruments	303.00	299.59	332.47	330.81	-	7.18	7.15	8.05	8.01	-
3825	Instruments to measure electricity	303.96	295.14	323.87	338.30	-	7.45	7.36	8.22	8.50	-
383	Optical instruments and lenses	313.96	299.52	344.02	345.62	-	7.81	7.68	8.35	8.19	-
384	Medical instruments and supplies	246.76	245.07	268.52	259.70	-	6.20	6.22	6.85	6.88	-
3841	Surgical and medical instruments	245.42	244.00	273.53	276.41	-	6.03	6.10	6.89	6.98	-
3842	Surgical appliances and supplies	249.70	246.77	266.08	264.91	-	6.37	6.36	6.84	6.81	-
385	Ophthalmic goods	220.84	219.78	235.22	238.79	-	5.48	5.55	5.94	5.94	-
386	Photographic equipment and supplies	400.32	398.79	434.66	433.19	-	9.60	9.70	10.55	10.54	-
387	Watches, clocks, and watchcases	217.54	216.98	233.14	233.70	-	5.68	5.68	6.04	6.07	-
39	MISCELLANEOUS MANUFACTURING INDUSTRIES	227.57	228.13	243.71	246.13	245.12	5.85	5.91	6.33	6.36	6.40
391	Jewelry, silverware, and plated ware	237.88	238.77	250.88	258.02	-	6.26	6.30	6.69	6.79	-
3911	Jewelry, precious metal	235.88	234.21	248.20	254.56	-	6.29	6.33	6.80	6.88	-
393	Musical instruments	219.79	220.79	236.36	238.23	-	5.65	5.72	6.22	6.22	-
394	Toys and sporting goods	211.01	212.85	232.62	235.80	-	5.42	5.50	5.98	6.00	-
3942, 4	Dolls, games, toys, and children's vehicles	200.69	203.30	216.59	222.14	-	5.24	5.35	5.67	5.74	-
3949	Sporting and athletic goods, nec	224.32	221.43	245.69	246.58	-	5.58	5.62	6.22	6.21	-
395	Pens, pencils, office and art supplies	236.02	235.62	259.89	262.25	-	5.96	5.95	6.53	6.54	-
396	Costume jewelry and notions	198.90	193.16	205.82	204.60	-	5.10	5.11	5.36	5.37	-
3961	Costume jewelry	180.96	175.28	195.32	194.27	-	4.80	4.75	4.97	5.02	-
399	Miscellaneous manufactures	245.75	248.45	259.29	260.74	-	6.35	6.42	6.77	6.79	-
3993	Signs and advertising displays	260.55	267.44	278.02	282.21	-	6.75	6.84	7.24	7.33	-
	NONDURABLE GOODS										
20	FOOD AND KINDRED PRODUCTS	285.77	289.64	307.68	305.37	306.92	7.29	7.37	7.75	7.79	7.89
201	Meat products	282.94	288.60	296.43	292.22	-	7.33	7.40	7.64	7.61	-
2011	Meat packing plants	362.56	366.86	368.26	365.98	-	8.80	8.84	8.96	8.97	-
2013	Sausages and other prepared meats	328.77	338.45	347.91	341.64	-	8.43	8.59	8.99	8.92	-
2016	Poultry dressing plants	164.03	168.86	182.81	178.57	-	4.66	4.73	5.05	5.03	-
202	Dairy products	299.39	299.15	319.14	320.74	-	7.32	7.35	7.88	7.90	-
2022	Cheese, natural and processed	279.27	273.61	287.18	291.72	-	7.07	7.07	7.44	7.48	-
2026	Fluid milk	312.42	314.99	334.53	334.96	-	7.51	7.59	8.10	8.13	-
203	Preserved fruits and vegetables	243.08	246.65	272.63	269.97	-	6.39	6.44	6.85	6.94	-
2032	Canned specialties	269.25	269.80	329.09	316.40	-	7.03	7.10	7.78	7.91	-
2033	Canned fruits and vegetables	253.37	263.06	276.98	275.66	-	6.65	6.78	7.03	7.16	-
2037	Frozen fruits and vegetables	223.78	223.28	250.57	254.32	-	5.92	5.97	6.29	6.39	-
204	Grain mill products	332.31	336.54	364.61	366.27	-	7.95	8.09	8.64	8.70	-
2041	Flour and other grain mill products	353.87	357.86	385.44	381.50	-	7.97	8.06	8.76	8.75	-
2048	Prepared feeds, nec	272.54	276.12	293.44	286.75	-	6.52	6.59	7.02	6.96	-
205	Bakery products	292.60	294.53	308.39	308.83	-	7.60	7.65	8.18	8.17	-
2051	Bread, cake, and related products	286.51	292.61	306.98	307.35	-	7.62	7.68	8.23	8.24	-
2052	Cookies and crackers	308.39	297.47	312.78	314.02	-	7.54	7.55	8.02	7.97	-
206	Sugar and confectionery products	285.68	287.83	297.43	294.36	-	7.16	7.25	7.29	7.49	-
2061, 3	Cane and beet sugar	357.00	356.90	337.26	338.05	-	8.50	8.60	8.03	8.58	-
2065	Confectionery products	247.54	251.42	262.42	259.78	-	6.38	6.48	6.61	6.73	-
207	Fats and oils	319.88	325.29	341.28	334.17	-	7.58	7.69	7.90	7.90	-
208	Beverages	338.05	350.61	382.99	379.49	-	8.58	8.70	9.48	9.44	-
2082	Malt beverages	474.86	497.25	561.59	550.83	-	11.47	11.70	12.91	12.81	-
2086	Bottled and canned soft drinks	250.00	256.89	274.17	276.83	-	6.46	6.52	7.03	7.08	-
209	Misc. foods and kindred products	241.42	241.39	262.09	256.96	-	6.37	6.42	6.79	6.78	-
21	TOBACCO MANUFACTURES	320.29	331.08	364.23	355.98	354.80	8.61	8.90	9.51	9.62	9.94
211	Cigarettes	377.25	387.07	436.57	415.52	-	10.06	10.24	11.31	11.20	-
22	TEXTILE MILL PRODUCTS	214.94	211.18	219.46	217.53	214.60	5.36	5.36	5.76	5.77	5.80
221	Weaving mills, cotton	218.50	219.20	225.13	217.54	-	5.49	5.48	5.94	5.96	-
222	Weaving mills, synthetics	232.96	231.80	232.10	223.98	-	5.60	5.64	6.06	6.07	-
223	Weaving and finishing mills, wool	231.99	229.19	245.18	248.68	-	5.55	5.59	5.98	6.11	-
224	Narrow fabric mills	200.16	197.87	215.46	215.06	-	4.93	4.91	5.32	5.31	-
225	Knitting mills	192.27	187.62	196.18	196.01	-	5.02	5.03	5.36	5.37	-

See footnotes at end of table

C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Mar. 1981	Apr. 1981	Feb. 1982	Mar. 1982P	Apr. 1982P	Mar. 1981	Apr. 1981	Feb. 1982	Mar. 1982P	Apr. 1982P
	TRANSPORTATION EQUIPMENT—Continued										
376	Guided missiles, space vehicles, parts	40.6	40.1	40.6	40.6	-	3.2	2.9	2.6	2.5	-
3761	Guided missiles and space vehicles	40.2	39.9	40.4	40.6	-	2.7	2.6	2.4	2.4	-
379	Miscellaneous transportation equipment	40.7	40.1	40.7	41.0	-	2.2	2.2	3.2	2.7	-
3792	Travel trailers and campers	39.7	39.1	38.3	38.9	-	1.9	1.9	1.8	1.5	-
38	**INSTRUMENTS AND RELATED PRODUCTS**	40.6	39.9	40.0	40.1	39.3	2.3	1.9	1.9	1.9	-
381	Engineering and scientific instruments	41.0	40.5	40.7	40.7	-	3.9	2.1	2.3	2.4	-
382	Measuring and controlling devices	40.8	40.1	39.8	40.0	-	2.1	1.6	1.5	1.5	-
3822	Environmental controls	39.9	38.6	39.1	39.0	-	2.2	1.4	1.1	.9	-
3823	Process control instruments	42.2	41.9	41.3	41.3	-	2.9	2.4	2.1	2.0	-
3825	Instruments to measure electricity	40.8	40.1	39.4	39.8	-	1.7	1.3	1.2	1.4	-
383	Optical instruments and lenses	40.2	39.0	41.2	42.2	-	3.1	2.2	2.5	2.8	-
384	Medical instruments and supplies	39.8	39.4	39.2	39.2	-	2.2	1.6	2.0	2.1	-
3841	Surgical and medical instruments	40.7	40.0	39.7	39.6	-	2.3	1.7	2.1	2.5	-
3842	Surgical appliances and supplies	39.2	38.8	38.9	38.9	-	2.1	1.7	2.1	1.7	-
385	Ophthalmic goods	40.3	39.6	39.6	40.2	-	1.4	1.5	1.2	1.6	-
386	Photographic equipment and supplies	41.7	40.7	41.2	41.1	-	2.9	1.1	2.5	2.4	-
387	Watches, clocks, and watchcases	38.3	38.2	38.6	38.5	-	.7	.8	1.5	1.4	-
39	**MISCELLANEOUS MANUFACTURING INDUSTRIES**	38.9	38.6	38.5	38.7	38.3	1.9	1.6	1.6	1.6	-
391	Jewelry, silverware, and plated ware	38.0	37.9	37.5	38.0	-	1.9	1.8	1.8	1.5	-
3911	Jewelry, precious metal	37.5	37.0	36.5	37.0	-	2.2	1.9	1.5	1.8	-
393	Musical instruments	38.9	38.6	38.0	38.3	-	1.0	.9	.8	.9	-
394	Toys and sporting goods	39.3	38.7	38.9	39.3	-	1.8	1.6	1.5	1.6	-
3942 4	Dolls, games, toys, and children's vehicles	38.3	38.0	38.2	38.7	-	1.3	1.5	1.0	1.1	-
3949	Sporting and athletic goods, nec	40.2	39.4	39.5	39.7	-	2.3	1.8	1.9	2.0	-
395	Pens, pencils, office and art supplies	39.6	39.6	39.8	40.1	-	2.4	1.7	1.8	2.1	-
396	Costume jewelry and notions	39.0	37.8	38.4	38.1	-	2.1	1.6	2.3	1.4	-
3961	Costume jewelry	37.7	36.9	39.3	38.7	-	1.7	1.1	3.3	2.1	-
399	Miscellaneous manufactures	38.7	38.7	38.3	38.4	-	1.9	1.7	1.6	1.5	-
3993	Signs and advertising displays	38.6	39.1	38.4	38.5	-	2.4	2.4	2.1	2.1	-
	NONDURABLE GOODS										
20	**FOOD AND KINDRED PRODUCTS**	39.2	39.3	39.7	39.2	38.9	3.3	3.3	3.4	3.1	-
201	Meat products	38.6	39.0	38.8	38.4	-	3.2	3.2	3.2	3.0	-
2011	Meat packing plants	41.2	41.5	41.1	40.8	-	4.2	4.2	4.1	3.9	-
2013	Sausages and other prepared meats	39.0	39.4	38.7	38.3	-	2.8	3.2	2.9	2.6	-
2016	Poultry dressing plants	35.2	35.7	36.2	35.5	-	2.0	1.9	2.2	2.0	-
202	Dairy products	40.9	40.7	40.5	40.6	-	3.7	3.8	3.5	3.5	-
2022	Cheese, natural and processed	39.5	38.7	38.6	39.0	-	3.4	3.5	2.9	2.7	-
2026	Fluid milk	41.6	41.5	41.3	41.2	-	3.9	4.0	3.9	3.9	-
203	Preserved fruits and vegetables	38.1	38.3	39.8	38.9	-	2.9	2.6	3.1	2.6	-
2032	Canned specialties	38.3	38.0	42.3	40.0	-	3.6	3.3	3.8	2.7	-
2033	Canned fruits and vegetables	38.1	38.8	39.4	38.5	-	2.5	2.5	2.6	2.3	-
2037	Frozen fruits and vegetables	37.8	37.4	39.9	39.8	-	3.0	2.3	4.1	3.1	-
204	Grain mill products	41.8	41.6	42.2	42.1	-	4.9	4.8	4.9	4.7	-
2041	Flour and other grain mill products	44.4	44.4	44.0	43.6	-	5.1	5.3	5.7	5.2	-
2048	Prepared feeds, nec	41.8	41.9	41.8	41.2	-	5.1	5.0	4.9	4.3	-
205	Bakery products	38.5	38.5	37.7	37.9	-	2.8	3.1	2.8	2.8	-
2051	Bread, cake, and related products	37.6	38.1	37.3	37.3	-	2.8	3.3	3.0	2.9	-
2052	Cookies and crackers	40.9	39.4	39.0	39.4	-	2.9	2.5	2.3	2.4	-
206	Sugar and confectionery products	39.9	39.7	40.8	39.3	-	2.7	2.6	2.6	2.2	-
2061 3	Cane and beet sugar	42.0	41.5	42.0	39.4	-	3.3	3.5	3.5	3.2	-
2065	Confectionery products	38.8	38.8	39.7	38.6	-	2.6	2.3	2.2	1.7	-
207	Fats and oils	42.2	42.3	43.2	42.3	-	4.5	4.3	5.2	4.9	-
208	Beverages	39.4	40.3	40.4	40.2	-	3.4	4.0	3.7	3.7	-
2082	Malt beverages	41.4	42.5	43.5	43.0	-	5.5	6.2	6.0	5.8	-
2086	Bottled and canned soft drinks	38.7	39.4	39.0	39.1	-	2.8	3.5	2.9	3.1	-
209	Misc. foods and kindred products	37.9	37.6	38.6	37.9	-	3.2	3.0	3.1	2.8	-
21	**TOBACCO MANUFACTURES**	37.2	37.2	38.3	37.0	36.7	1.0	1.1	1.3	.8	-
211	Cigarettes	37.5	37.8	38.6	37.1	-	1.3	1.2	1.5	.8	-
22	**TEXTILE MILL PRODUCTS**	40.1	39.4	38.1	37.7	37.0	3.1	2.7	2.1	2.1	-
221	Weaving mills, cotton	39.3	40.0	37.9	36.5	-	3.3	2.8	2.3	2.2	-
222	Weaving mills, synthetics	41.6	41.1	38.3	36.9	-	3.8	3.5	2.3	2.0	-
223	Weaving and finishing mills, wool	41.8	41.0	41.0	40.7	-	3.8	3.6	3.7	3.4	-
224	Narrow fabric mills	40.6	40.3	40.5	40.5	-	2.6	2.2	2.1	2.0	-
225	Knitting mills	38.3	37.3	36.5	36.5	-	2.3	1.7	1.6	1.7	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Mar. 1981	Apr. 1981	Feb. 1982	Mar. 1982P	Apr. 1982P	Mar. 1981	Apr. 1981	Feb. 1982	Mar. 1982P	Apr. 1982P
	TEXTILE MILL PRODUCTS—Continued										
2251	Women's hosiery, except socks	$176.60	$172.79	$194.16	$186.80	-	$4.76	$4.76	$5.15	$5.09	-
2252	Hosiery, nec	181.93	177.34	182.94	176.81	-	4.75	4.78	5.11	5.11	-
2253	Knit outerwear mills	184.50	180.80	188.48	190.05	-	4.92	4.94	5.25	5.25	-
2254	Knit underwear mills	176.90	171.15	178.02	172.34	-	4.86	4.89	5.19	5.16	-
2257	Circular knit fabric mills	219.45	212.14	230.30	239.76	-	5.50	5.51	5.86	5.92	-
226	Textile finishing, except wool	238.14	230.61	253.47	255.42	-	5.67	5.68	6.12	6.14	-
2261	Finishing plants, cotton	243.02	230.04	270.40	270.95	-	5.80	5.78	6.09	6.13	-
2262	Finishing plants, synthetics	247.35	243.95	250.88	248.20	-	5.82	5.85	6.40	6.43	-
227	Floor covering mills	215.38	213.62	223.65	221.09	-	5.52	5.52	5.87	5.88	-
228	Yarn and thread mills	200.90	196.89	201.79	203.79	-	5.01	5.01	5.41	5.42	-
2281	Yarn mills, except wool	201.80	196.39	201.25	204.88	-	5.02	5.01	5.41	5.42	-
2282	Throwing and winding mills	188.94	189.24	195.98	193.29	-	4.82	4.84	5.24	5.21	-
229	Miscellaneous textile goods	249.31	246.33	251.62	250.67	-	5.95	5.95	6.37	6.33	-
23	APPAREL AND OTHER TEXTILE PRODUCTS	176.85	174.59	181.28	181.47	$179.75	4.94	4.96	5.15	5.17	$5.21
231	Men's and boys' suits and coats	205.82	199.80	214.80	210.50	-	5.67	5.66	5.95	5.98	-
232	Men's and boys' furnishings	164.06	162.69	169.46	168.63	-	4.57	4.57	4.76	4.75	-
2321	Men's and boys' shirts and nightwear	158.42	157.44	169.62	165.90	-	4.45	4.46	4.66	4.66	-
2327	Men's and boys' separate trousers	167.48	162.29	175.09	175.08	-	4.73	4.65	4.85	4.81	-
2328	Men's and boys' work clothing	161.45	162.71	164.85	163.22	-	4.46	4.47	4.67	4.65	-
233	Women's and misses' outerwear	166.90	164.66	171.70	171.70	-	4.88	4.93	5.08	5.11	-
2331	Women's and misses' blouses and waists	155.84	154.51	161.84	163.82	-	4.57	4.64	4.76	4.79	-
2335	Women's and misses' dresses	164.67	162.83	174.38	174.87	-	4.99	5.01	5.19	5.22	-
2337	Women's and misses' suits and coats	181.65	177.99	179.40	182.47	-	5.25	5.41	5.52	5.72	-
2339	Women's and misses' outerwear, nec	158.15	165.12	169.94	168.61	-	4.75	4.80	4.94	4.93	-
234	Women's and children's undergarments	162.79	160.20	163.68	162.97	-	4.45	4.50	4.69	4.71	-
2341	Women's and children's underwear	161.41	158.87	161.30	161.24	-	4.41	4.45	4.60	4.62	-
2342	Brassieres and allied garments	167.90	164.97	177.15	170.47	-	4.69	4.70	5.12	5.15	-
236	Children's outerwear	160.47	156.35	171.96	165.50	-	4.47	4.48	4.79	4.73	-
2361	Children's dresses and blouses	157.44	154.35	166.37	160.61	-	4.41	4.50	4.74	4.71	-
238	Misc. apparel and accessories	177.60	173.76	182.73	186.88	-	4.80	4.80	5.09	5.12	-
239	Misc. fabricated textile products	221.95	223.10	221.26	227.71	-	5.78	5.81	5.98	6.04	-
2391	Curtains and draperies	156.52	159.76	148.49	150.80	-	4.30	4.33	4.58	4.64	-
2392	House furnishing, nec	183.83	183.84	190.69	199.56	-	4.75	4.80	5.14	5.17	-
2396	Automotive and apparel trimmings	384.74	392.92	399.90	394.24	-	9.43	9.56	10.36	10.24	-
26	PAPER AND ALLIED PRODUCTS	351.92	354.05	378.30	376.55	382.55	8.30	8.37	9.00	9.03	9.13
261, 2 6	Paper and pulp mills	429.43	434.11	465.31	459.90	-	9.65	9.69	10.48	10.50	-
262	Paper mills, except building paper	432.45	437.20	469.35	464.14	-	9.61	9.63	10.43	10.43	-
263	Paperboard mills	433.29	441.44	467.72	466.76	-	9.87	10.01	10.63	10.73	-
264	Misc. converted paper products	301.26	298.22	325.19	323.20	-	7.33	7.40	7.99	8.00	-
2641	Paper coating and glazing	347.31	346.10	383.40	383.95	-	8.23	8.28	9.00	9.12	-
2642	Envelopes	272.70	273.60	298.89	296.34	-	6.75	6.84	7.38	7.39	-
2643	Bags, except textile bags	284.13	280.40	303.81	302.30	-	6.93	7.01	7.52	7.55	-
265	Paperboard containers and boxes	302.00	307.10	318.35	319.98	-	7.33	7.40	7.88	7.94	-
2651	Folding paperboard boxes	319.40	312.08	321.53	323.58	-	7.48	7.52	7.90	7.97	-
2653	Corrugated and solid fiber boxes	313.12	320.67	337.42	337.39	-	7.60	7.69	8.27	8.31	-
2654	Sanitary food containers	291.48	294.13	303.32	311.54	-	6.98	6.97	7.38	7.58	-
27	PRINTING AND PUBLISHING	297.54	297.48	318.20	320.17	316.46	8.02	8.04	8.60	8.63	8.67
271	Newspapers	270.10	274.21	289.62	288.86	-	8.16	8.21	8.83	8.78	-
272	Periodicals	285.36	285.67	336.69	330.33	-	7.63	7.70	8.70	8.67	-
273	Books	273.94	275.33	296.40	293.33	-	7.19	7.17	7.80	7.76	-
2731	Book publishing	265.41	268.28	290.32	287.66	-	7.04	7.06	7.62	7.55	-
2732	Book printing	283.71	282.85	303.58	300.75	-	7.35	7.29	8.01	8.02	-
274	Miscellaneous publishing	234.61	243.20	282.29	280.81	-	6.84	6.87	7.65	7.61	-
275	Commercial printing	323.98	321.32	339.34	344.95	-	8.35	8.36	8.86	8.96	-
2751	Commercial printing, letterpress	296.00	299.82	317.75	317.98	-	7.81	7.89	8.38	8.39	-
2752	Commercial printing, lithographic	337.90	330.33	350.83	359.52	-	8.62	8.58	9.16	9.29	-
276	Manifold business forms	313.61	316.41	336.66	332.74	-	7.86	7.97	8.48	8.51	-
278	Blankbooks and bookbinding	239.86	237.88	248.49	254.03	-	6.23	6.26	6.59	6.65	-
279	Printing trade services	377.85	373.60	411.18	402.88	-	10.14	10.07	10.76	10.63	-
28	CHEMICALS AND ALLIED PRODUCTS	367.74	371.90	397.85	394.13	396.50	8.84	8.94	9.68	9.66	9.79
281	Industrial inorganic chemicals	402.97	409.12	443.56	436.45	-	9.71	9.93	10.74	10.75	-
2819	Industrial inorganic chemicals, nec	402.94	408.36	446.13	439.01	-	9.78	9.96	10.75	10.76	-
282	Plastics materials and synthetics	363.49	378.59	388.55	383.54	-	8.78	8.95	9.50	9.47	-
2821	Plastics materials and resins	409.88	422.92	424.92	418.82	-	9.51	9.70	10.19	10.24	-
2824	Organic fibers, noncellulosic	331.67	347.75	365.22	359.79	-	8.23	8.42	9.04	8.95	-
283	Drugs	331.71	330.89	364.28	364.75	-	8.15	8.11	8.98	8.99	-
2834	Pharmaceutical preparations	314.31	313.56	346.71	344.06	-	7.78	7.80	8.61	8.58	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Mar. 1981	Apr. 1981	Feb. 1982	Mar. 1982P	Apr. 1982P	Mar. 1981	Apr. 1981	Feb. 1982	Mar. 1982P	Apr. 1982P
	TEXTILE MILL PRODUCTS—Continued										
2251	Women's hosiery, except socks	37.1	36.3	37.7	36.7	-	1.8	1.4	2.2	1.6	-
2252	Hosiery, nec	38.3	37.1	35.8	34.6	-	2.0	1.6	1.3	.9	-
2253	Knit outerwear mills	37.5	36.6	35.9	36.2	-	2.1	1.6	1.4	1.5	-
2254	Knit underwear mills	36.4	35.0	34.3	33.4	-	1.2	.6	.6	.2	-
2257	Circular knit fabric mills	39.9	38.5	39.3	40.5	-	2.9	2.0	2.3	3.2	-
226	Textile finishing, except wool	42.0	40.6	41.4	41.6	-	3.9	3.3	2.7	3.5	-
2261	Finishing plants, cotton	41.9	39.8	44.4	44.2	-	4.1	3.2	2.6	3.1	-
2262	Finishing plants, synthetics	42.5	41.7	39.2	38.6	-	4.1	3.5	2.7	2.9	-
227	Floor covering mills	39.2	38.7	38.1	37.6	-	3.1	2.8	1.7	1.4	-
228	Yarn and thread mills	40.1	39.3	37.3	37.6	-	3.2	2.6	2.0	2.1	-
2281	Yarn mills, except wool	40.2	39.2	37.2	37.8	-	3.3	2.6	2.1	2.2	-
2282	Throwing and winding mills	39.2	39.1	37.4	37.1	-	3.1	2.8	1.6	1.8	-
229	Miscellaneous textile goods	41.9	41.4	39.5	39.6	-	3.8	3.4	2.8	2.6	-
23	**APPAREL AND OTHER TEXTILE PRODUCTS**	35.8	35.2	35.2	35.1	34.5	1.1	.8	1.0	1.0	-
231	Men's and boys' suits and coats	36.3	35.1	36.1	35.2	-	.7	.3	.9	.9	-
232	Men's and boys' furnishings	35.9	35.6	35.6	35.5	-	.8	.6	.9	.8	-
2321	Men's and boys' shirts and nightwear	35.6	35.3	36.4	35.6	-	.9	.7	1.1	.9	-
2327	Men's and boys' separate trousers	35.4	34.9	36.1	36.4	-	.8	.6	1.4	1.0	-
2328	Men's and boys' work clothing	36.2	36.4	35.3	35.1	-	.7	.5	.6	.6	-
233	Women's and misses' outerwear	34.2	33.4	33.8	33.6	-	1.0	.8	1.0	1.0	-
2331	Women's and misses' blouses and waists	34.1	33.3	34.0	34.2	-	.9	.7	.9	1.1	-
2335	Women's and misses' dresses	33.0	32.5	33.6	33.5	-	1.0	.8	.9	.9	-
2337	Women's and misses' suits and coats	34.6	32.9	32.5	31.9	-	.9	.4	.9	.7	-
2339	Women's and misses' outerwear, nec	35.4	34.4	34.4	34.2	-	1.2	.9	1.1	1.1	-
234	Women's and children's undergarments	36.5	35.6	34.9	34.6	-	1.2	.9	.9	.9	-
2341	Women's and children's underwear	36.6	35.7	35.0	34.9	-	1.3	.9	.9	1.0	-
2342	Brassieres and allied garments	35.8	35.1	34.6	33.1	-	1.0	1.0	.7	.5	-
236	Children's outerwear	35.9	34.9	35.9	35.2	-	1.1	.5	1.4	1.0	-
2361	Children's dresses and blouses	35.7	34.3	35.1	34.1	-	1.1	.4	1.2	.9	-
238	Misc. apparel and accessories	37.0	36.2	35.9	36.5	-	1.3	.8	1.0	1.2	-
239	Misc. fabricated textile products	38.4	38.4	37.0	37.7	-	1.7	1.6	1.5	1.6	-
2391	Curtains and draperies	36.4	36.9	32.4	32.5	-	.3	.7	.7	.9	-
2392	House furnishings, nec	38.7	38.3	37.1	38.6	-	1.5	1.5	1.4	2.1	-
2396	Automotive and apparel trimmings	40.8	41.1	38.6	38.5	-	2.2	2.3	1.5	1.4	-
26	**PAPER AND ALLIED PRODUCTS**	42.4	42.3	42.0	41.7	41.9	4.3	4.3	4.1	3.9	-
261, 2, 6	Paper and pulp mills	44.5	44.8	44.4	43.8	-	6.3	6.4	5.9	5.7	-
262	Paper mills, except building paper	45.0	45.4	45.0	44.5	-	6.6	6.6	6.1	5.9	-
263	Paperboard mills	43.9	44.1	44.0	43.5	-	7.1	7.4	7.4	7.0	-
264	Misc. converted paper products	41.1	40.3	40.7	40.4	-	2.8	2.4	2.6	2.3	-
2641	Paper coating and glazing	42.2	41.8	42.6	42.1	-	3.1	2.7	2.5	2.3	-
2642	Envelopes	40.4	40.0	40.5	40.1	-	2.1	1.5	2.4	2.2	-
2643	Bags, except textile bags	41.0	40.0	40.4	40.0	-	2.8	2.4	2.8	2.5	-
265	Paperboard containers and boxes	41.2	41.5	40.4	40.3	-	3.1	3.2	2.7	2.7	-
2651	Folding paperboard boxes	42.3	41.5	40.7	40.6	-	4.0	3.7	2.6	2.8	-
2653	Corrugated and solid fiber boxes	41.2	41.7	40.8	40.6	-	3.0	3.2	3.1	2.9	-
2654	Sanitary food containers	42.0	42.2	41.1	41.1	-	3.2	3.3	2.4	2.7	-
27	**PRINTING AND PUBLISHING**	37.1	37.0	37.0	37.1	36.5	2.4	2.2	2.3	2.4	-
271	Newspapers	33.1	33.4	32.8	32.9	-	1.3	1.4	1.4	1.2	-
272	Periodicals	37.4	37.1	36.7	36.1	-	2.3	2.2	2.9	2.5	-
273	Books	38.1	38.4	38.0	37.8	-	2.5	2.3	2.5	2.4	-
2731	Book publishing	37.7	38.0	38.1	38.1	-	2.0	2.0	1.4	1.7	-
2732	Book printing	38.6	38.8	37.9	37.5	-	3.0	2.6	3.8	3.3	-
274	Miscellaneous publishing	34.3	35.4	36.9	36.9	-	1.3	1.6	1.5	1.6	-
275	Commercial printing	38.8	38.4	38.3	38.5	-	3.1	2.7	2.6	3.0	-
2751	Commercial printing, letterpress	37.9	38.0	38.1	37.9	-	2.3	2.2	2.1	2.2	-
2752	Commercial printing, lithographic	39.2	38.5	38.3	38.7	-	3.5	2.9	3.0	3.4	-
276	Manifold business forms	39.9	39.7	39.7	39.1	-	2.3	2.2	2.4	2.2	-
278	Blankbooks and bookbinding	38.5	38.0	37.7	38.2	-	1.7	1.3	1.3	1.6	-
279	Printing trade service	37.3	37.1	38.4	37.9	-	3.1	3.0	3.6	3.1	-
28	**CHEMICALS AND ALLIED PRODUCTS**	41.6	41.6	41.1	40.8	40.5	3.3	3.2	2.8	2.6	-
281	Industrial inorganic chemicals	41.5	41.2	41.3	40.6	-	3.2	3.1	3.2	2.7	-
2819	Industrial inorganic chemicals, nec	41.2	41.0	41.5	40.8	-	3.0	2.7	3.4	2.9	-
282	Plastics materials and synthetics	41.4	42.3	40.9	40.5	-	3.0	3.2	2.6	2.1	-
2821	Plastics materials and resins	43.1	43.6	41.7	40.9	-	4.5	4.6	3.3	2.8	-
2824	Organic fibers, noncellulosic	40.3	41.3	40.4	40.2	-	1.8	2.1	1.8	1.5	-
283	Drugs	40.7	40.8	41.2	40.8	-	3.0	2.7	2.7	2.5	-
2834	Pharmaceutical preparations	40.4	40.2	40.5	40.1	-	3.3	2.6	2.6	2.4	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Mar. 1981	Apr. 1981	Feb. 1982	Mar. 1982P	Apr. 1982P	Mar. 1981	Apr. 1981	Feb. 1982	Mar. 1982P	Apr. 1982P
	CHEMICALS AND ALLIED PRODUCTS—Cont'd										
284	Soap, cleaners, and toilet goods	$333.88	$326.01	$360.93	$359.39	-	$8.03	$8.13	$8.89	$8.94	-
2841	Soap and other detergents	445.83	441.83	489.33	485.64	-	10.49	10.57	11.38	11.40	-
2844	Toilet preparations	264.47	250.77	282.03	276.10	-	6.53	6.43	7.14	7.19	-
2842, 3	Polishing, sanitation, and finishing preparations	304.92	314.42	341.02	348.53	-	7.70	7.90	8.59	8.67	-
285	Paints and allied products	325.21	326.40	332.74	336.98	-	8.01	8.00	8.51	8.53	-
286	Industrial organic chemicals	445.30	451.54	472.98	474.13	-	10.38	10.55	11.34	11.37	-
2865	Cyclic crudes and intermediates	389.05	409.45	447.95	452.94	-	9.63	9.89	10.82	10.81	-
2861, 9	Gum, wood, and industrial organic chemicals, nec	463.22	465.91	481.12	480.90	-	10.60	10.76	11.51	11.56	-
287	Agricultural chemicals	375.84	375.29	403.52	394.66	-	8.60	8.51	9.45	9.33	-
289	Miscellaneous chemical products	338.25	342.77	366.62	363.69	-	8.21	8.34	9.03	8.98	-
29	PETROLEUM AND COAL PRODUCTS	478.40	500.46	517.79	517.28	$530.37	11.23	11.40	12.27	12.20	$12.45
291	Petroleum refining	515.03	544.45	559.42	557.70	-	12.09	12.29	13.04	13.00	-
295	Paving and roofing materials	356.21	356.07	341.12	349.67	-	8.17	8.30	8.68	8.72	-
30	RUBBER AND MISC. PLASTICS PRODUCTS	287.75	288.86	302.84	299.74	300.62	7.07	7.15	7.59	7.55	7.53
301	Tires and inner tubes	439.74	445.95	476.68	467.78	-	10.52	10.72	11.57	11.55	-
302	Rubber and plastics footwear	179.45	169.40	201.98	199.17	-	4.71	4.84	5.26	5.12	-
303, 4	Reclaimed rubber, and rubber and plastics hose and belting	315.92	322.76	325.48	321.95	-	7.51	7.74	8.24	8.13	-
306	Fabricated rubber products, nec	265.43	264.80	282.98	282.35	-	6.57	6.62	7.11	7.13	-
307	Miscellaneous plastics products	261.46	261.79	268.77	269.68	-	6.44	6.48	6.77	6.81	-
31	LEATHER AND LEATHER PRODUCTS	180.32	178.96	183.91	185.31	184.10	4.90	4.93	5.21	5.22	5.23
311	Leather tanning and finishing	263.16	261.30	271.66	267.26	-	6.45	6.50	6.93	6.96	-
314	Footwear, except rubber	172.06	171.12	173.69	175.25	-	4.74	4.78	5.02	5.05	-
3143	Men's footwear, except athletic	188.00	186.74	184.98	189.04	-	5.00	5.02	5.27	5.31	-
3144	Women's footwear, except athletic	158.58	156.83	164.94	164.15	-	4.57	4.64	4.88	4.90	-
316	Luggage	194.43	187.25	182.71	187.88	-	4.96	4.98	5.52	5.43	-
317	Handbags and personal leather goods	165.34	160.06	178.12	176.89	-	4.61	4.56	4.88	4.90	-
	TRANSPORTATION AND PUBLIC UTILITIES	371.15	374.92	399.45	394.45	397.41	9.42	9.54	10.19	10.14	10.19
	RAILROAD TRANSPORTATION										
4011	Class I railroads[1]	452.12	454.94	500.02	-	-	10.49	10.58	11.39	-	-
41	LOCAL AND INTERURBAN PASSENGER TRANSIT	215.41	223.10	234.06	234.55	-	6.43	6.64	7.05	6.96	-
411	Local and suburban transportation	276.71	284.59	300.96	300.23	-	7.15	7.26	7.60	7.62	-
413	Intercity highway transportation	336.17	374.49	385.58	366.23	-	10.44	10.95	11.08	10.74	-
42	TRUCKING AND WAREHOUSING	378.49	384.90	396.04	393.98	-	9.68	9.92	10.26	10.26	-
421, 3	Trucking and trucking terminals	386.90	392.66	405.19	403.10	-	9.87	10.12	10.47	10.47	-
422	Public warehousing	261.67	262.89	269.59	268.91	-	6.85	6.90	7.17	7.19	-
46	PIPE LINES, EXCEPT NATURAL GAS	478.84	491.21	504.48	497.33	-	11.32	11.45	12.04	12.13	-
48	COMMUNICATION	355.96	360.87	394.13	391.10	-	9.06	9.09	10.08	10.08	-
481	Telephone communication	370.40	372.80	411.47	407.67	-	9.33	9.32	10.47	10.48	-
4817	Switchboard operating employees[1]	248.30	269.57	291.98	281.01	-	7.57	7.68	8.69	8.62	-
4818	Line construction employees[1]	463.28	466.12	510.43	504.84	-	10.92	10.84	12.01	12.02	-
483	Radio and television broadcasting	297.14	303.96	318.17	321.64	-	7.84	8.02	8.53	8.60	-
49	ELECTRIC, GAS, AND SANITARY SERVICES	399.51	404.35	439.07	434.25	-	9.65	9.72	10.58	10.54	-
491	Electric services	409.78	413.56	444.33	440.96	-	9.78	9.80	10.63	10.60	-
492	Gas production and distribution	366.87	368.51	398.40	393.16	-	8.97	9.01	9.67	9.66	-
493	Combination utility services	439.60	451.52	498.78	491.88	-	10.67	10.88	11.99	11.91	-
495	Sanitary services	308.91	314.52	335.75	334.13	-	7.59	7.69	8.29	8.25	-
	WHOLESALE AND RETAIL TRADE	186.62	188.43	194.04	193.73	194.35	5.85	5.87	6.16	6.15	6.17
50, 51	WHOLESALE TRADE	285.67	287.60	303.69	303.31	303.66	7.42	7.47	7.95	7.94	7.97
50	WHOLESALE TRADE DURABLE GOODS	289.03	289.84	304.54	305.73	-	7.43	7.47	7.91	7.90	-
501	Motor vehicles and automotive equipment	263.64	265.57	269.93	270.27	-	6.83	6.88	7.16	7.15	-
502	Furniture and home furnishings	253.27	255.35	264.89	269.65	-	6.79	6.92	7.14	7.21	-
503	Lumber and construction materials	292.99	296.03	297.86	299.49	-	7.61	7.61	7.88	7.84	-
504	Sporting goods, toys, and hobby goods	294.03	292.39	322.88	324.05	-	7.82	7.86	8.61	8.55	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Mar. 1981	Apr. 1981	Feb. 1982	Mar. 1982P	Apr. 1982P	Mar. 1981	Apr. 1981	Feb. 1982	Mar. 1982P	Apr. 1982P
	CHEMICALS AND ALLIED PRODUCTS—Cont'd										
284	Soap, cleaners, and toilet goods	40.9	40.1	40.6	40.2	-	2.8	2.2	2.8	2.5	-
2841	Soap and other detergents	42.5	41.8	43.0	42.6	-	3.8	3.3	3.6	3.6	-
2844	Toilet preparations	40.5	39.0	39.5	38.9	-	2.6	1.6	1.8	1.8	-
2842, 3	Polishing, sanitation, and finishing preparations	39.6	39.8	39.7	40.2	-	2.1	2.0	1.8	2.2	-
285	Paints and allied products	40.6	40.8	39.1	39.5	-	2.8	2.5	1.7	1.9	-
286	Industrial organic chemicals	42.9	42.8	41.7	41.7	-	3.8	3.8	2.9	2.9	-
2865	Cyclic crudes and intermediates	40.4	41.4	41.4	41.9	-	3.4	3.8	2.2	2.4	-
2861, 9	Gum, wood, and industrial organic chemicals, nec	43.7	43.3	41.8	41.6	-	4.3	3.8	3.2	3.0	-
287	Agricultural chemicals	43.7	44.1	42.7	42.3	-	5.4	5.3	4.5	4.3	-
289	Miscellaneous chemical products	41.2	41.1	40.6	40.5	-	3.2	2.9	2.7	2.7	-
29	**PETROLEUM AND COAL PRODUCTS**	42.6	43.9	42.2	42.4	42.5	3.6	3.9	3.3	3.2	-
291	Petroleum refining	42.6	44.3	42.9	42.9	-	3.3	3.8	3.5	3.2	-
295	Paving and roofing materials	43.6	42.9	39.3	40.1	-	5.7	5.3	2.9	3.5	-
30	**RUBBER AND MISC. PLASTICS PRODUCTS**	40.7	40.4	39.9	39.7	39.4	3.1	2.8	2.6	2.5	-
301	Tires and inner tubes	41.8	41.6	41.2	40.5	-	3.1	2.9	2.8	2.2	-
302	Rubber and plastics footwear	38.1	35.0	38.4	38.9	-	2.2	1.5	2.0	1.9	-
303, 4	Reclaimed rubber, and rubber and plastics hose and belting	42.2	41.7	39.5	39.6	-	3.5	2.7	1.9	1.7	-
306	Fabricated rubber products, nec	40.4	40.0	39.8	39.6	-	2.6	2.5	2.3	2.1	-
307	Miscellaneous plastics products	40.6	40.4	39.7	39.6	-	3.2	3.0	2.7	2.7	-
31	**LEATHER AND LEATHER PRODUCTS**	36.8	36.3	35.3	35.5	35.2	1.3	1.0	1.1	1.1	-
311	Leather tanning and finishing	40.8	40.2	39.2	38.4	-	3.3	3.3	2.7	2.8	-
314	Footwear, except rubber	36.3	35.8	34.6	34.9	-	.9	.7	.9	1.0	-
3143	Men's footwear, except athletic	37.6	37.2	35.1	35.6	-	1.0	.8	.9	.9	-
3144	Women's footwear, except athletic	34.7	33.8	33.8	33.5	-	.8	.7	.9	.9	-
316	Luggage	39.2	37.6	33.1	34.6	-	1.7	1.0	.8	.9	-
317	Handbags and personal leather goods	35.8	35.1	36.5	36.1	-	1.5	1.1	.9	.8	-
—	**TRANSPORTATION AND PUBLIC UTILITIES**	39.4	39.3	39.2	39.9	39.3	-	-	-	-	-
	RAILROAD TRANSPORTATION										
4011	Class I railroads[2]	43.1	43.0	43.9	-	-	-	-	-	-	-
41	**LOCAL AND INTERURBAN PASSENGER TRANSIT**	33.5	33.6	33.2	33.7	-	-	-	-	-	-
411	Local and suburban transportation	38.7	39.2	39.6	39.4	-	-	-	-	-	-
413	Intercity highway transportation	32.2	34.2	34.8	34.1	-	-	-	-	-	-
42	**TRUCKING AND WAREHOUSING**	39.1	38.8	38.6	38.4	-	-	-	-	-	-
421, 3	Trucking and trucking terminals	39.2	38.8	38.7	38.5	-	-	-	-	-	-
422	Public warehousing	38.2	38.1	37.6	37.4	-	-	-	-	-	-
46	**PIPE LINES, EXCEPT NATURAL GAS**	42.3	42.9	41.9	41.0	-	-	-	-	-	-
48	**COMMUNICATION**	39.4	39.7	39.1	39.8	-	-	-	-	-	-
481	Telephone communication	39.7	40.0	39.3	39.9	-	-	-	-	-	-
4817	Switchboard operating employees[3]	32.9	35.1	33.6	32.6	-	-	-	-	-	-
4818	Line construction employees[4]	42.7	43.0	42.3	42.0	-	-	-	-	-	-
483	Radio and television broadcasting	37.9	37.9	37.3	37.4	-	-	-	-	-	-
49	**ELECTRIC, GAS, AND SANITARY SERVICES**	41.4	41.6	41.5	41.2	-	-	-	-	-	-
491	Electric services	41.9	42.2	41.8	41.6	-	-	-	-	-	-
492	Gas production and distribution	40.9	40.9	41.2	40.7	-	-	-	-	-	-
493	Combination utility services	41.2	41.5	41.0	41.1	-	-	-	-	-	-
495	Sanitary services	40.7	40.9	40.5	40.5	-	-	-	-	-	-
—	**WHOLESALE AND RETAIL TRADE**	31.9	32.1	31.5	31.5	31.5	-	-	-	-	-
50, 51	**WHOLESALE TRADE**	38.5	38.5	38.2	38.2	38.1	-	-	-	-	-
50	**WHOLESALE TRADE-DURABLE GOODS**	38.9	38.8	38.5	38.7	-	-	-	-	-	-
501	Motor vehicles and automotive equipment	38.6	38.6	37.7	37.8	-	-	-	-	-	-
502	Furniture and home furnishings	37.3	36.9	37.1	37.4	-	-	-	-	-	-
503	Lumber and construction materials	38.5	38.9	37.8	38.2	-	-	-	-	-	-
504	Sporting goods, toys, and hobby goods	37.6	37.2	37.5	37.9	-	-	-	-	-	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Mar. 1981	Apr. 1981	Feb. 1982	Mar. 1982P	Apr. 1982P	Mar. 1981	Apr. 1981	Feb. 1982	Mar. 1982P	Apr. 1982P
	WHOLESALE TRADE DURABLE GOODS—Continued	$385.14	$384.20	$352.17	$352.80	-	$8.65	$8.67	$9.03	$9.00	-
505	Metals and minerals, except petroleum	307.32	306.14	333.37	334.90	-	7.88	7.87	8.57	8.50	-
506	Electrical goods	264.58	265.80	285.99	283.36	-	6.89	6.94	7.39	7.36	-
507	Hardware, plumbing, and heating equipment	299.86	300.66	317.46	318.67	-	7.63	7.67	8.14	8.15	-
508	Machinery, equipment, and supplies	239.17	239.71	245.43	244.67	-	6.19	6.21	6.51	6.49	-
509	Miscellaneous durable goods	280.48	283.49	301.98	300.05	-	7.42	7.48	8.01	7.98	-
51	**WHOLESALE TRADE NONDURABLE GOODS**	313.22	310.06	323.76	326.63	-	8.42	8.38	8.68	8.71	-
511	Paper and paper products	288.97	291.51	312.41	311.58	-	7.81	7.90	8.63	8.56	-
512	Drugs, proprietaries, and sundries	245.81	248.64	268.24	262.07	-	6.59	6.72	7.20	7.18	-
513	Apparel, piece goods, and notions	280.46	283.49	304.29	302.73	-	7.40	7.48	8.05	8.03	-
514	Groceries and related products	349.38	345.93	363.72	359.41	-	8.89	8.87	9.35	9.32	-
516	Chemicals and allied products	353.42	356.80	379.29	376.20	-	8.97	8.92	9.53	9.50	-
517	Petroleum and petroleum products	312.06	324.12	331.60	333.43	-	8.48	8.76	9.06	9.11	-
518	Beer, wine, and distilled beverages	232.26	235.62	248.25	245.80	-	6.09	6.12	6.55	6.52	-
519	Miscellaneous nondurable goods	154.96	156.60	159.64	159.64	$160.78	5.20	5.22	5.43	5.43	$5.45
52-59	**RETAIL TRADE**	204.79	206.45	209.56	210.63	-	5.58	5.61	5.87	5.90	-
52	**BUILDING MATERIALS AND GARDEN SUPPLIES**	226.79	229.31	225.20	228.51	-	5.83	5.91	6.07	6.11	-
521	Lumber and other building materials	164.67	167.15	176.21	176.35	-	4.96	4.96	5.26	5.28	-
525	Hardware stores	145.80	149.14	149.29	151.97	-	5.08	5.09	5.37	5.37	-
53	**GENERAL MERCHANDISE STORES**	153.72	154.18	154.57	157.36	-	5.27	5.28	5.58	5.58	-
531	Department stores	119.19	122.96	117.87	120.98	-	4.11	4.14	4.24	4.26	-
533	Variety stores	125.04	127.44	125.28	127.46	-	4.21	4.22	4.35	4.35	-
539	Misc. general merchandise stores	207.10	213.78	216.55	215.63	-	6.79	6.83	7.10	7.14	-
54	**FOOD STORES**	215.82	223.02	224.60	224.66	-	7.03	7.08	7.34	7.39	-
541	Grocery stores	136.12	140.45	141.49	139.73	-	4.81	4.86	4.93	4.92	-
546	Retail bakeries	226.88	228.75	232.50	232.87	-	6.05	6.10	6.25	6.26	-
55	**AUTOMOTIVE DEALERS AND SERVICE STATIONS**	271.10	271.81	272.16	274.78	-	7.06	7.06	7.20	7.25	-
551, 2	New and used car dealers	219.35	228.10	233.48	232.00	-	5.47	5.66	5.88	5.80	-
553	Auto and home supply stores	168.38	170.02	175.79	174.59	-	4.77	4.83	4.98	4.96	-
554	Gasoline service stations	129.24	134.78	134.55	134.48	-	4.58	4.68	4.84	4.82	-
56	**APPAREL AND ACCESSORY STORES**	162.65	169.28	168.48	164.46	-	5.23	5.29	5.47	5.41	-
561	Men's and boys' clothing and furnishings	115.24	117.66	118.62	120.06	-	4.30	4.31	4.45	4.48	-
562	Women's ready-to-wear stores	125.66	129.15	132.62	133.36	-	4.52	4.50	4.84	4.78	-
565	Family clothing stores	130.29	148.89	136.77	138.00	-	4.67	5.03	5.01	5.00	-
566	Shoe stores	201.34	199.28	210.40	210.86	-	5.87	5.81	6.17	6.22	-
57	**FURNITURE AND HOME FURNISHINGS STORES**	200.90	200.31	208.76	207.93	-	5.84	5.84	6.14	6.17	-
571	Furniture and home furnishings stores	215.78	215.42	218.44	221.15	-	6.13	6.12	6.35	6.41	-
572	Household appliance stores	194.30	187.04	210.60	212.16	-	5.80	5.55	6.14	6.24	-
573	Radio, television, and music stores	101.01	101.14	104.09	104.23	-	3.90	3.92	4.05	4.04	-
58	**EATING AND DRINKING PLACES**	157.99	158.69	165.62	163.94	-	5.08	5.07	5.36	5.34	-
59	**MISCELLANEOUS RETAIL**	134.78	134.96	143.00	143.29	-	4.68	4.67	5.00	5.01	-
591	Drug stores and proprietary stores	142.71	143.93	148.90	149.10	-	4.71	4.75	4.98	4.97	-
594	Miscellaneous shopping goods stores	197.47	195.95	198.86	199.80	-	5.93	5.92	6.10	6.11	-
596	Nonstore retailers	261.32	256.32	287.34	271.74	-	6.77	6.71	7.33	7.17	-
598	Fuel and ice dealers	166.59	170.84	177.95	172.48	-	5.11	5.01	5.36	5.39	-
599	Retail stores, nec	225.32	225.06	239.64	238.92	239.70	6.19	6.20	6.62	6.60	6.64
-	**FINANCE, INSURANCE, AND REAL ESTATE**	194.14	193.98	208.21	206.59	-	5.29	5.30	5.72	5.65	-
60	**BANKING**	190.84	190.32	205.30	203.31	-	5.20	5.20	5.64	5.57	-
602	Commercial and stock savings banks	204.80	202.03	215.43	215.28	-	5.55	5.49	5.87	5.85	-
61	**CREDIT AGENCIES OTHER THAN BANKS**	191.63	188.40	199.10	198.56	-	5.25	5.19	5.50	5.47	-
612	Savings and loan associations	204.61	202.94	219.04	218.52	-	5.53	5.47	5.92	5.89	-
614	Personal credit institutions	255.07	255.82	280.87	282.37	-	6.82	6.84	7.51	7.55	-
63	**INSURANCE CARRIERS**	263.71	265.13	294.75	296.63	-	7.07	7.07	7.86	7.91	-
631	Life insurance	243.58	240.33	267.02	265.62	-	6.41	6.35	6.99	6.99	-
632	Medical service and health insurance	249.75	250.18	271.95	273.06	-	6.75	6.78	7.35	7.38	-
633	Fire, marine, and casualty insurance										

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Mar. 1981	Apr. 1981	Feb. 1982	Mar. 1982P	Apr. 1982P	Mar. 1981	Apr. 1981	Feb. 1982	Mar. 1982P	Apr. 1982P
	WHOLESALE TRADE-DURABLE GOODS—Continued										
505	Metals and minerals, except petroleum	39.9	39.7	39.0	39.2	-	-	-	-	-	-
506	Electrical goods	39.0	38.9	38.9	39.4	-	-	-	-	-	-
507	Hardware, plumbing, and heating equipment	38.4	38.3	38.7	38.5	-	-	-	-	-	-
508	Machinery, equipment, and supplies	39.3	39.2	39.0	39.1	-	-	-	-	-	-
509	Miscellaneous durable goods	38.7	38.6	37.7	37.7	-	-	-	-	-	-
51	**WHOLESALE TRADE-NONDURABLE GOODS**	37.8	37.9	37.7	37.6	-	-	-	-	-	-
511	Paper and paper products	37.2	37.0	37.3	37.5	-	-	-	-	-	-
512	Drugs, proprietaries, and sundries	37.0	36.9	36.2	36.4	-	-	-	-	-	-
513	Apparel, piece goods, and notions	37.3	37.0	36.7	36.5	-	-	-	-	-	-
514	Groceries and related products	37.9	37.9	37.8	37.7	-	-	-	-	-	-
516	Chemicals and allied products	39.3	39.0	38.9	39.1	-	-	-	-	-	-
517	Petroleum and petroleum products	39.4	40.0	39.8	39.6	-	-	-	-	-	-
518	Beer, wine, and distilled beverages	36.8	37.0	36.6	36.6	-	-	-	-	-	-
519	Miscellaneous nondurable goods	38.2	38.5	37.9	37.7	-	-	-	-	-	-
52-59	**RETAIL TRADE**	29.8	30.0	29.4	29.4	29.5	-	-	-	-	-
52	**BUILDING MATERIALS AND GARDEN SUPPLIES**	36.7	36.8	35.7	35.7	-	-	-	-	-	-
521	Lumber and other building materials	38.9	38.8	37.1	37.4	-	-	-	-	-	-
525	Hardware stores	33.2	33.7	33.5	33.4	-	-	-	-	-	-
53	**GENERAL MERCHANDISE STORES**	28.7	29.3	27.8	28.3	-	-	-	-	-	-
531	Department stores	28.6	29.2	27.7	28.2	-	-	-	-	-	-
533	Variety stores	29.0	29.7	27.8	28.4	-	-	-	-	-	-
539	Misc. general merchandise stores	29.7	30.2	28.8	29.3	-	-	-	-	-	-
54	**FOOD STORES**	30.5	31.3	30.5	30.2	-	-	-	-	-	-
541	Grocery stores	30.7	31.5	30.6	30.4	-	-	-	-	-	-
546	Retail bakeries	28.3	28.9	28.7	28.4	-	-	-	-	-	-
55	**AUTOMOTIVE DEALERS AND SERVICE STATIONS**	37.5	37.5	37.2	37.2	-	-	-	-	-	-
551, 2	New and used car dealers	38.4	38.5	37.8	37.9	-	-	-	-	-	-
553	Auto and home supply stores	40.1	40.3	39.7	40.0	-	-	-	-	-	-
554	Gasoline service stations	35.3	35.2	35.3	35.2	-	-	-	-	-	-
56	**APPAREL AND ACCESSORY STORES**	28.0	28.8	27.8	27.9	-	-	-	-	-	-
561	Men's and boys' clothing and furnishings	31.1	32.0	30.8	30.4	-	-	-	-	-	-
562	Women's ready-to-wear stores	26.8	27.3	26.7	26.8	-	-	-	-	-	-
565	Family clothing stores	27.8	28.7	27.4	27.9	-	-	-	-	-	-
566	Shoe stores	27.9	29.6	27.3	27.6	-	-	-	-	-	-
57	**FURNITURE AND HOME FURNISHINGS STORES**	34.3	34.3	34.1	33.9	-	-	-	-	-	-
571	Furniture and home furnishings stores	34.4	34.3	34.0	33.7	-	-	-	-	-	-
572	Household appliance stores	35.2	35.2	34.4	34.5	-	-	-	-	-	-
573	Radio, television, and music stores	33.5	33.7	34.3	34.0	-	-	-	-	-	-
58	**EATING AND DRINKING PLACES**	25.9	25.8	25.7	25.8	-	-	-	-	-	-
59	**MISCELLANEOUS RETAIL**	31.1	31.3	30.9	30.7	-	-	-	-	-	-
591	Drug stores and proprietary stores	28.8	28.9	28.6	28.6	-	-	-	-	-	-
594	Miscellaneous shopping goods stores	30.3	30.3	29.9	30.0	-	-	-	-	-	-
596	Nonstore retailers	33.3	33.1	32.6	32.7	-	-	-	-	-	-
598	Fuel and ice dealers	38.6	38.2	39.2	37.9	-	-	-	-	-	-
599	Retail stores, nec	32.6	34.1	33.2	32.0	-	-	-	-	-	-
-	**FINANCE, INSURANCE, AND REAL ESTATE**	36.4	36.3	36.2	36.2	36.1	-	-	-	-	-
60	**BANKING**	36.7	36.6	36.4	36.5	-	-	-	-	-	-
602	Commercial and stock savings banks	36.7	36.6	36.4	36.5	-	-	-	-	-	-
61	**CREDIT AGENCIES OTHER THAN BANKS**	36.9	36.8	36.7	36.8	-	-	-	-	-	-
612	Savings and loan associations	36.5	36.3	36.2	36.3	-	-	-	-	-	-
614	Personal credit institutions	37.0	37.1	37.0	37.1	-	-	-	-	-	-
63	**INSURANCE CARRIERS**	37.4	37.4	37.4	37.4	-	-	-	-	-	-
631	Life insurance	37.3	37.5	37.5	37.5	-	-	-	-	-	-
632	Medical service and health insurance	38.0	37.8	38.2	38.0	-	-	-	-	-	-
633	Fire, marine, and casualty insurance	37.0	36.9	37.0	37.0	-	-	-	-	-	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Mar. 1981	Apr. 1981	Feb. 1982	Mar. 1982[p]	Apr. 1982[p]	Mar. 1981	Apr. 1981	Feb. 1982	Mar. 1982[p]	Apr. 1982[p]
	SERVICES	$205.05	$205.38	$220.68	$220.03	$220.69	$6.29	$6.30	$6.79	$6.77	$6.79
	HOTELS AND OTHER LODGING PLACES										
701	Hotels, motels, and tourist courts	145.01	143.45	152.21	150.70	-	4.77	4.75	5.04	4.99	-
	PERSONAL SERVICES										
721	Laundry, cleaning, and garment services	159.60	162.72	165.99	167.31	-	4.75	4.80	5.03	5.07	-
723	Beauty shops	142.14	145.35	139.17	145.13	-	4.63	4.75	4.67	4.87	-
73	BUSINESS SERVICES	212.83	210.59	225.66	225.37	-	6.43	6.44	6.88	6.85	-
731	Advertising	311.87	313.45	317.20	318.62	-	8.81	8.78	8.91	8.90	-
734	Services to buildings	149.06	146.88	146.28	146.60	-	5.48	5.42	5.52	5.47	-
737	Computer and data processing services	281.55	288.77	319.02	314.16	-	7.63	7.68	8.53	8.40	-
75	AUTO REPAIR, SERVICES, AND GARAGES	236.76	240.03	250.95	251.33	-	6.28	6.35	6.71	6.72	-
753	Automotive repair shops	263.35	267.74	279.41	279.69	-	6.77	6.83	7.22	7.19	-
76	MISCELLANEOUS REPAIR SERVICES	289.14	290.30	305.34	304.92	-	7.51	7.56	7.89	7.92	-
78	MOTION PICTURES	248.24	219.56	250.60	248.52	-	9.06	8.51	9.50	9.67	-
781	Motion picture production and services	495.53	479.53	516.52	508.49	-	12.87	12.93	13.96	14.57	-
79	AMUSEMENT AND RECREATION SERVICES	173.16	181.80	183.75	176.51	-	5.93	6.06	6.25	6.15	-
80	HEALTH SERVICES	201.39	202.09	221.38	221.38	-	6.14	6.18	6.77	6.77	-
801	Offices of physicians	209.33	210.28	213.41	211.86	-	6.41	6.47	6.69	6.62	-
802	Offices of dentists	175.89	174.56	185.46	186.97	-	6.15	6.19	6.60	6.63	-
805	Nursing and personal care facilities	138.26	138.43	148.82	147.73	-	4.96	4.98	4.77	4.75	-
806	Hospitals	222.05	224.08	249.22	249.50	-	6.55	6.61	7.33	7.36	-
81	LEGAL SERVICES	273.94	270.83	293.02	291.33	-	8.01	7.85	8.48	8.42	-
89	MISCELLANEOUS SERVICES	353.72	354.77	382.78	385.53	-	9.14	9.12	9.84	9.81	-
891	Engineering and architectural services	386.23	389.22	424.93	427.00	-	9.98	9.98	10.84	10.81	-
893	Accounting, auditing, and bookkeeping	306.86	303.60	322.78	326.84	-	7.71	7.59	8.11	8.09	-

[1] For coverage of series, see footnote 1, table B-2.
[2] Beginning January 1978, data relate to line haul railroads with operating revenues of $50,000,000 or more.
[3] Data relate to employees in such occupations in the telephone industry as switchboard operators, service assistants, operating room instructors, and pay station attendants. In 1977, such employees made up 20 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.
[4] Data relate to employees in such occupations in the telphone industry as central office craft persons, installation and exchange repair craft persons, line, cable and conduit craft persons, and laborers. In 1977, such employees made up 37 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.
[5] Money payments only; tips not included.
[6] Data for nonoffice sales agents excluded from all series in this division.
- Data not available.
p = preliminary.

NOTE: Data from April 1980 forward are subject to revision when more recent benchmark data are introduced. See "Benchmark adjustment" in the Explanatory notes of this publication.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Mar. 1981	Apr. 1981	Feb. 1982	Mar. 1982P	Apr. 1982P	Mar. 1981	Apr. 1981	Feb. 1982	Mar. 1982P	Apr. 1982P
	SERVICES	32.6	32.6	32.5	32.5	32.5	-	-	-	-	-
	HOTELS AND OTHER LODGING PLACES										
701	Hotels, motels, and tourist courts[4]	30.4	30.2	30.2	30.2	-	-	-	-	-	-
	PERSONAL SERVICES										
721	Laundry, cleaning, and garment services	33.6	33.9	33.0	33.0	-	-	-	-	-	-
723	Beauty shops[4]	30.7	30.6	29.8	29.8	-	-	-	-	-	-
73	BUSINESS SERVICES	33.1	32.7	32.8	32.9	-	-	-	-	-	-
731	Advertising	35.4	35.7	35.6	35.8	-	-	-	-	-	-
738	Services to buildings	27.2	27.1	26.5	26.8	-	-	-	-	-	-
737	Computer and data processing services	36.9	37.6	37.4	37.4	-	-	-	-	-	-
75	AUTO REPAIR, SERVICES, AND GARAGES	37.7	37.8	37.4	37.4	-	-	-	-	-	-
753	Automotive repair shops	38.9	39.2	38.7	38.9	-	-	-	-	-	-
76	MISCELLANEOUS REPAIR SERVICES	38.5	38.4	38.7	38.5	-	-	-	-	-	-
78	MOTION PICTURES	27.4	25.8	26.4	25.7	-	-	-	-	-	-
781	Motion picture production and services	38.5	36.7	37.0	34.9	-	-	-	-	-	-
79	AMUSEMENT AND RECREATION SERVICES	29.2	30.0	29.4	28.7	-	-	-	-	-	-
80	HEALTH SERVICES	32.8	32.7	32.7	32.7	-	-	-	-	-	-
801	Offices of physicians	32.5	32.5	31.9	32.0	-	-	-	-	-	-
802	Offices of dentists	28.6	28.2	28.1	28.2	-	-	-	-	-	-
805	Nursing and personal care facilities	31.0	30.9	31.2	31.1	-	-	-	-	-	-
806	Hospitals	33.9	33.9	34.0	33.9	-	-	-	-	-	-
81	LEGAL SERVICES	34.2	34.5	34.2	34.6	-	-	-	-	-	-
89	MISCELLANEOUS SERVICES	38.7	38.9	38.9	39.3	-	-	-	-	-	-
891	Engineering and architectural services	38.7	39.0	39.2	39.5	-	-	-	-	-	-
893	Accounting, auditing, and bookkeeping	39.8	40.0	39.8	40.4	-	-	-	-	-	-

ESTABLISHMENT DATA
HOURS AND EARINGS

C-3. Average hourly earnings excluding overtime of production workers on manufacturing payrolls by industry

Major industry group	Average hourly earnings excluding overtime[1]				
	Mar. 1981	Apr. 1981	Feb. 1982	Mar. 1982P	Apr. 1982P
MANUFACTURING	$7.53	$7.62	$8.09	$8.12	$8.17
DURABLE GOODS	8.04	8.12	8.64	8.66	8.69
Lumber and wood products	6.56	6.60	7.08	7.06	-
Furniture and fixtures	5.62	5.66	6.07	6.09	-
Stone, clay, and glass products	7.59	7.75	8.31	8.31	-
Primary metal industries	10.13	10.35	10.89	10.89	-
Fabricated metal products	7.74	7.81	8.35	8.40	-
Machinery, except electrical	8.29	8.36	8.92	8.91	-
Electric and electronic equipment	7.27	7.32	7.82	7.88	-
Transportation equipment	9.70	9.76	10.43	10.49	-
Instruments and related products	7.03	7.08	7.77	7.83	-
Miscellaneous manufacturing industries	5.71	5.78	6.20	6.23	-
NONDURABLE GOODS	6.77	6.86	7.32	7.34	7.43
Food and kindred products	6.99	7.07	7.44	7.49	-
Tobacco manufactures	8.49	8.77	9.36	9.52	-
Textile mill products	5.16	5.19	5.60	5.61	-
Apparel and other textile products	4.86	4.90	5.07	5.09	-
Paper and allied products	7.90	7.97	8.59	8.63	-
Printing and publishing	7.77	7.81	8.34	8.36	-
Chemicals and allied products	8.51	8.61	9.36	9.36	-
Petroleum and coal products	10.78	10.91	11.81	11.76	-
Rubber and misc. plastics products	6.81	6.91	7.35	7.32	-
Leather and leather products	4.81	4.86	5.13	5.14	-

[1] Derived by assuming that overtime hours are paid at the rate of time and one-half.

p=preliminary.

C-4. Gross average weekly earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division, in current and constant (1977) dollars

Industry	Mar. 1981	Apr. 1981	Feb. 1982	Mar. 1982P	Apr. 1982P
TOTAL PRIVATE:					
Current dollars	$249.92	$250.98	$261.99	$261.64	$261.58
Constant (1977) dollars	171.06	170.73	168.05	168.15	-
MINING:					
Current dollars	416.66	422.92	463.28	464.97	460.31
Constant (1977) dollars	285.19	287.70	297.16	298.82	-
CONSTRUCTION:					
Current dollars	388.37	384.87	402.70	416.97	406.16
Constant (1977) dollars	265.82	261.82	258.31	267.98	-
MANUFACTURING:					
Current dollars	311.22	312.84	326.93	326.49	325.08
Constant (1977) dollars	213.02	212.82	209.70	209.83	-
TRANSPORTATION AND PUBLIC UTILITIES:					
Current dollars	371.15	374.92	399.45	394.45	397.41
Constant (1977) dollars	254.04	255.05	256.22	253.50	-
WHOLESALE AND RETAIL TRADE:					
Current dollars	186.62	188.43	194.04	193.73	194.36
Constant (1977) dollars	127.73	128.18	124.46	124.51	-
FINANCE, INSURANCE, AND REAL ESTATE:					
Current dollars	225.32	225.06	239.64	238.92	239.70
Constant (1977) dollars	154.22	153.10	153.71	153.55	-
SERVICES:					
Current dollars	205.05	205.38	220.68	220.03	220.68
Constant (1977) dollars	140.35	139.71	141.55	141.41	-

[1] For coverage of series, see footnote 1, table B-2.

p=preliminary.

C-5. Indexes of aggregate weekly hours and payrolls of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division and major manufacturing group

(1977=100)

Industry division and group	Mar. 1981	Apr. 1981	Feb. 1982	Mar. 1982P	Apr. 1982P
	Hours				
TOTAL PRIVATE	106.6	107.5	104.0	104.2	104.2
GOODS-PRODUCING	100.5	100.7	92.5	92.6	91.4
MINING	126.1	110.8	135.1	135.5	132.4
CONSTRUCTION	104.8	110.4	89.6	94.8	96.3
MANUFACTURING	98.4	98.4	91.1	90.2	88.5
DURABLE GOODS	99.3	99.5	90.0	89.3	87.3
Lumber and wood products	89.5	91.0	76.5	76.4	76.6
Furniture and fixtures	99.1	98.9	91.8	91.0	89.2
Stone, clay, and glass products	90.5	93.6	78.3	80.0	81.1
Primary metal industries	95.2	96.4	93.1	77.9	75.8
Fabricated metal products	96.9	96.5	86.7	86.3	84.0
Machinery, except electrical	111.5	110.4	105.3	102.8	99.0
Electric and electronic equipment	107.7	107.3	102.3	100.8	99.4
Transportation equipment	90.2	90.8	78.4	79.4	77.3
Instruments and related products	112.0	110.6	107.8	107.8	104.7
Miscellaneous manufacturing industries	90.1	90.3	85.3	86.1	84.2
NONDURABLE GOODS	97.1	96.8	92.7	91.6	90.3
Food and kindred products	93.2	93.4	93.3	91.8	89.6
Tobacco manufactures	90.4	86.5	95.1	86.5	81.6
Textile mill products	91.4	89.9	81.3	78.4	78.0
Apparel and other textile products	95.1	93.8	89.7	89.0	85.2
Paper and allied products	98.9	99.1	94.7	94.0	94.1
Printing and publishing	108.2	108.0	108.8	109.5	107.7
Chemicals and allied products	101.4	101.8	96.7	95.9	95.1
Petroleum and coal products	99.3	103.7	87.9	88.5	91.0
Rubber and misc. plastics products	101.2	101.3	95.3	93.8	93.6
Leather and leather products	88.7	88.0	77.7	77.9	78.3
SERVICE-PRODUCING	109.9	111.3	110.3	110.6	111.3
TRANSPORTATION AND PUBLIC UTILITIES	104.1	104.5	101.8	101.0	101.4
WHOLESALE AND RETAIL TRADE	104.0	105.7	104.0	104.3	104.8
WHOLESALE TRADE	110.2	110.7	108.5	108.7	108.3
RETAIL TRADE	101.6	103.9	102.3	102.7	103.5
FINANCE, INSURANCE, AND REAL ESTATE	116.7	117.3	117.1	117.2	116.8
SERVICES	117.3	118.7	119.0	119.8	121.1

[1] For coverage of series, see footnote 1, table B-2.

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ESTABLISHMENT DATA
HOURS AND EARNINGS

C-5. Indexes of aggregate weekly hours and payrolls of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division and major manufacturing group—Continued

(1977=100)

Industry division and group	Mar. 1981	Apr. 1981	Feb. 1982	Mar. 1982P	Apr. 1982P
	Payrolls				
TOTAL PRIVATE	144.1	146.1	149.5	149.8	150.2
GOODS PRODUCING	137.0	138.4	135.0	135.8	134.6
MINING	178.8	154.8	207.2	207.6	203.7
CONSTRUCTION	134.9	142.1	128.8	132.1	133.4
MANUFACTURING	135.2	136.5	133.7	132.7	130.9
DURABLE GOODS	136.3	137.8	131.8	131.0	128.3
Lumber and wood products	119.2	122.0	109.2	108.6	108.0
Furniture and fixtures	131.6	131.8	130.6	130.0	127.5
Stone, clay, and glass products	123.7	130.7	116.5	119.1	121.5
Primary metal industries	135.2	140.1	121.2	117.4	115.7
Fabricated metal products	131.5	131.6	125.8	126.1	123.4
Machinery, except electrical	153.6	152.9	155.1	151.0	145.2
Electric and electronic equipment	149.3	149.5	151.9	150.7	149.3
Transportation equipment	124.7	126.4	115.7	117.6	114.2
Instruments and related products	153.0	151.4	162.0	153.3	159.1
Miscellaneous manufacturing industries	120.8	122.3	123.7	125.5	123.5
NONDURABLE GOODS	133.3	134.2	137.0	135.7	135.5
Food and kindred products	126.5	128.1	134.6	133.0	131.7
Tobacco manufactures	140.4	138.9	163.2	150.1	146.4
Textile mill products	122.8	121.0	117.6	113.4	113.5
Apparel and other textile products	129.6	128.3	127.4	126.9	123.9
Paper and allied products	137.8	139.2	143.0	142.4	144.2
Printing and publishing	141.6	141.8	152.8	150.3	152.5
Chemicals and allied products	139.4	141.5	145.4	144.1	144.7
Petroleum and coal products	142.4	151.0	137.7	137.8	144.8
Rubber and misc. plastics products	138.4	140.0	140.0	137.0	138.0
Leather and leather products	120.5	120.3	112.3	112.8	113.6
SERVICE PRODUCING	149.1	151.5	159.7	159.7	161.2
TRANSPORTATION AND PUBLIC UTILITIES	140.2	142.6	148.3	146.5	147.8
WHOLESALE AND RETAIL TRADE	142.3	145.2	149.8	150.1	151.3
WHOLESALE TRADE	151.8	153.4	160.0	160.0	160.2
RETAIL TRADE	137.2	140.8	144.3	144.8	146.5
FINANCE, INSURANCE, AND REAL ESTATE	159.1	160.1	170.8	170.4	170.7
SERVICES	158.7	160.8	173.8	174.4	176.8

C-6. Average weekly hours of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division and major manufacturing group, seasonally adjusted

Industry	1981									1982			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar. p	Apr. p
TOTAL PRIVATE	35.4	35.3	35.2	35.3	35.2	34.9	35.0	35.0	34.9	34.2	35.0	34.9	34.8
MINING	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
CONSTRUCTION	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
MANUFACTURING	40.2	40.3	40.1	40.0	40.0	39.3	39.5	39.3	39.0	37.3	39.5	39.0	39.1
Overtime hours	2.9	3.2	3.0	3.0	3.0	2.7	2.7	2.5	2.4	2.3	2.4	2.3	2.4
DURABLE GOODS	40.8	40.8	40.5	40.5	40.5	39.7	39.9	39.7	39.3	37.9	39.9	39.4	39.5
Overtime hours	3.0	3.2	3.0	3.0	3.0	2.6	2.6	2.4	2.4	2.2	2.2	2.1	2.2
Lumber and wood products	39.6	39.8	39.0	38.8	38.6	37.3	37.6	37.5	37.6	34.6	38.2	37.9	38.0
Furniture and fixtures	38.8	39.0	38.9	38.5	38.6	37.5	38.1	37.7	37.7	32.6	37.6	37.4	37.7
Stone, clay, and glass products	41.2	41.8	40.9	40.9	40.8	40.3	40.0	40.0	39.5	38.3	40.2	39.8	40.1
Primary metal industries	41.2	41.0	40.8	40.5	40.7	40.6	39.8	39.7	39.2	38.4	39.6	38.8	38.9
Fabricated metal products	40.9	40.9	40.7	40.5	40.5	39.5	40.0	39.6	39.2	37.9	39.6	39.3	39.6
Machinery, except electrical	41.3	41.4	41.1	41.1	41.2	40.3	40.7	40.6	40.3	39.0	40.7	40.1	40.2
Electric and electronic equipment	40.2	40.4	40.2	40.5	40.4	39.6	39.9	39.3	39.2	38.1	39.8	39.4	39.5
Transportation equipment	42.0	41.8	41.4	41.2	41.3	39.9	40.5	40.3	39.4	38.7	40.9	40.4	41.5
Instruments and related products	40.1	40.4	40.4	40.5	40.8	40.5	40.4	40.3	39.9	38.6	40.0	40.0	39.5
Miscellaneous manufacturing ind	38.9	39.2	39.1	39.2	39.1	38.4	39.0	39.0	38.4	36.9	38.7	38.5	38.6
NONDURABLE GOODS	39.3	39.6	39.4	39.3	39.3	38.9	39.0	38.8	38.6	36.4	38.9	38.5	38.4
Overtime hours	2.9	3.1	3.0	2.9	2.9	2.8	2.8	2.7	2.4	2.4	2.6	2.5	2.6
Food and kindred products	40.1	40.0	39.8	39.4	39.4	39.2	39.5	39.6	39.8	39.1	40.3	39.8	39.7
Tobacco manufactures	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Textile mill products	39.8	40.5	40.2	40.4	40.3	38.9	39.3	38.8	37.8	31.3	38.1	37.5	37.4
Apparel and other textile products	35.5	36.0	36.1	35.9	36.1	35.2	35.7	35.6	35.1	30.7	35.4	35.0	34.9
Paper and allied products	42.6	42.8	42.7	42.7	42.7	43.1	42.4	41.9	41.8	41.2	42.2	41.7	42.2
Printing and publishing	37.3	37.6	37.4	37.3	37.3	37.1	37.1	36.9	37.2	36.5	37.4	37.1	36.8
Chemicals and allied products	41.5	41.7	41.7	41.8	41.7	42.3	41.5	41.3	41.3	40.8	41.2	40.7	40.4
Petroleum and coal products	44.1	43.8	43.4	43.1	42.8	44.3	42.1	42.3	42.6	44.3	43.5	43.4	42.8
Rubber and misc. plastics products	40.7	41.3	41.0	40.5	40.6	39.6	40.0	39.6	39.4	37.8	40.0	39.5	39.7
Leather and leather products	36.6	37.1	37.4	36.5	36.9	36.1	36.8	36.7	36.1	33.6	35.5	35.8	35.4
TRANSPORTATION AND PUBLIC UTILITIES	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
WHOLESALE AND RETAIL TRADE	32.3	32.1	32.1	32.2	32.1	32.1	31.9	32.0	31.9	31.6	31.9	31.8	31.8
WHOLESALE TRADE	38.6	38.5	38.5	38.7	38.6	38.5	38.5	38.6	38.4	38.0	38.5	38.3	38.2
RETAIL TRADE	30.3	30.1	30.1	30.1	30.1	30.1	29.9	29.9	29.9	29.6	29.9	29.8	29.8
FINANCE, INSURANCE, AND REAL ESTATE	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
SERVICES	32.8	32.7	32.5	32.5	32.4	32.4	32.5	32.6	32.7	32.5	32.7	32.7	32.7

[1] For coverage of series, see footnote 1, table B-2.

[2] This series is not published seasonally adjusted since the seasonal component is small relative to the trend-cycle and/or irregular components and consequently cannot be separated with sufficient precision.

p preliminary.

ESTABLISHMENT DATA
SEASONALLY ADJUSTED

C-7. Indexes of aggregate weekly hours of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division and major manufacturing group, seasonally adjusted

(1977=100)

Industry division and group	1981									1982			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.p	Apr.p
TOTAL PRIVATE	108.9	108.9	108.7	109.4	109.2	108.6	108.4	108.0	105.9	104.3	107.0	106.1	105.7
GOODS PRODUCING	102.8	103.1	102.6	103.5	103.4	101.1	100.8	99.3	95.8	90.9	96.4	94.6	93.4
MINING	112.0	113.3	128.0	136.5	139.8	139.0	140.1	141.1	143.0	137.2	139.0	138.3	134.0
CONSTRUCTION	115.8	112.9	109.3	110.9	110.0	105.2	109.8	111.0	108.4	99.1	107.9	106.4	101.6
MANUFACTURING	99.9	100.7	100.2	100.5	100.4	98.5	97.2	95.1	92.4	87.2	92.2	90.3	89.9
DURABLE GOODS	100.7	101.1	100.6	100.9	100.9	98.6	96.9	94.1	90.8	86.3	90.6	88.7	88.4
Lumber and wood products	94.5	96.1	92.9	92.5	89.8	85.5	82.7	79.6	77.5	70.7	79.7	78.6	79.5
Furniture and fixtures	100.5	102.6	102.6	102.3	102.3	98.4	98.4	95.1	93.6	79.6	90.8	89.3	90.6
Stone, clay, and glass products	94.8	94.5	93.9	94.5	94.6	92.5	90.0	88.2	84.9	79.7	83.7	82.0	82.2
Primary metal industries	95.7	94.8	94.6	93.5	94.4	93.6	89.0	86.4	82.3	79.0	80.3	77.6	75.3
Fabricated metal products	98.2	98.7	98.4	98.8	98.4	95.5	94.3	91.3	88.0	83.8	87.0	85.5	85.5
Machinery, except electrical	110.5	111.8	111.5	111.7	112.9	110.9	111.3	109.1	106.1	100.6	104.1	100.7	99.1
Electric and electronic equipment	108.4	109.6	109.2	110.9	110.5	108.2	107.8	103.1	100.5	98.2	102.0	100.1	100.6
Transportation equipment	93.3	92.2	91.9	91.1	91.6	88.8	86.7	82.4	76.4	73.9	79.5	78.4	79.4
Instruments and related products	110.9	112.0	111.7	113.3	113.9	113.0	112.0	110.4	109.0	104.5	107.5	107.2	105.1
Miscellaneous manufacturing ind.	92.0	92.4	92.2	95.4	92.8	91.4	92.2	92.2	90.2	84.4	87.9	86.6	85.6
NONDURABLE GOODS	98.7	100.1	99.5	99.8	99.5	98.5	97.8	96.4	94.8	88.6	94.5	92.6	92.2
Food and kindred products	100.5	100.8	98.1	98.4	96.9	96.3	97.8	98.0	97.8	95.4	99.7	97.7	96.5
Tobacco manufactures	96.5	98.4	98.3	103.2	110.1	103.3	98.1	95.8	93.3	95.2	97.6	93.8	90.1
Textile mill products	90.7	92.6	92.1	93.7	92.7	89.6	88.7	86.1	82.6	66.8	81.1	77.9	78.9
Apparel and other textile products	94.1	96.0	96.8	97.6	97.2	95.0	95.2	94.1	91.4	78.5	90.5	88.3	86.5
Paper and allied products	99.9	100.8	100.7	100.9	101.1	100.0	99.2	97.3	95.8	93.8	95.6	94.0	94.8
Printing and publishing	108.5	109.5	108.8	108.8	109.3	109.3	109.3	108.4	109.1	107.1	109.7	109.1	108.1
Chemicals and allied products	101.2	102.0	102.5	102.4	102.2	101.8	101.0	99.6	98.8	96.5	97.3	95.5	94.7
Petroleum and coal products	105.3	105.4	102.9	102.2	100.7	101.1	97.6	97.3	96.4	95.5	93.0	92.8	92.3
Rubber and misc. plastics products	102.2	105.3	104.7	103.6	105.0	101.7	100.1	97.0	94.8	90.5	94.9	92.8	94.3
Leather and leather products	88.5	90.6	91.4	91.4	91.5	89.5	90.8	89.2	88.6	77.9	78.4	78.6	78.6
SERVICE PRODUCING	112.3	112.0	112.1	112.6	112.5	112.8	112.7	112.8	112.4	111.7	112.9	112.8	112.5
TRANSPORTATION AND PUBLIC UTILITIES	105.4	104.9	106.2	106.0	105.2	105.5	104.0	104.7	103.2	102.0	103.4	102.3	102.9
WHOLESALE AND RETAIL TRADE*	107.2	106.9	107.0	107.8	107.9	108.0	107.7	107.3	106.5	105.9	107.6	106.9	106.6
WHOLESALE TRADE	111.4	111.4	111.3	112.3	112.1	111.8	111.6	111.9	110.8	108.9	110.3	109.3	108.9
RETAIL TRADE*	105.6	105.2	105.3	106.0	106.2	106.6	106.2	105.5	104.9	104.7	106.5	106.0	105.8
FINANCE, INSURANCE, AND REAL ESTATE	117.8	117.4	117.6	118.1	118.7	118.3	118.5	118.2	118.2	118.0	117.7	118.0	117.8
SERVICES	119.3	119.2	118.7	119.3	119.0	119.6	120.1	120.3	121.2	120.4	121.2	121.1	121.6

[1] For coverage of series, see footnote 1, table B-2.

p = preliminary

* Data for the month of April 1982 have been corrected from those published in the news release, The Employment Situation: April 1982.

C-8. Hourly Earnings Index and average hourly and weekly earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls, seasonally adjusted

Industry	1981									1982			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.p	Apr. p
Hourly Earnings Index[2] (1977=100)													
TOTAL PRIVATE (In current dollars)	136.7	137.7	138.4	139.0	140.7	141.5	141.9	143.2	143.5	145.1	145.3	145.7	146.4
MINING[3]	145.7	145.6	147.2	148.9	149.4	151.5	151.3	153.3	153.2	156.0	155.9	155.8	156.8
CONSTRUCTION	129.0	129.4	130.4	131.8	132.5	132.9	134.3	135.4	136.2	140.8	138.2	138.3	137.8
MANUFACTURING	139.9	140.7	141.6	142.5	143.6	144.8	145.5	146.4	147.0	149.0	149.1	149.8	150.8
TRANSPORTATION AND PUBLIC UTILITIES	137.3	138.9	139.8	139.3	141.8	141.7	142.0	144.0	144.4	145.8	146.5	147.2	147.1
WHOLESALE AND RETAIL TRADE	136.4	137.4	137.8	138.4	140.0	141.2	140.5	141.5	141.9	142.3	143.0	143.2	144.0
FINANCE, INSURANCE, AND REAL ESTATE	135.4	136.8	137.1	137.4	140.4	140.3	140.9	143.2	141.8	143.4	143.9	144.9	144.9
SERVICES	134.8	136.0	136.6	136.9	139.4	139.8	140.7	142.6	142.7	143.6	144.0	144.2	145.1
TOTAL PRIVATE (In 1977 dollars)[4]	93.1	93.0	92.9	92.2	92.6	92.1	92.0	92.5	92.3	93.1	92.9	93.5	-
Average hourly earnings													
TOTAL PRIVATE	$7.14	$7.18	$7.23	$7.26	$7.34	$7.37	$7.39	$7.45	$7.45	$7.52	$7.53	$7.54	$7.56
MINING	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
CONSTRUCTION	10.52	10.57	10.69	10.77	10.85	10.88	11.01	11.09	11.16	11.53	11.31	11.35	11.32
MANUFACTURING	7.90	7.95	7.99	8.02	8.08	8.14	8.15	8.18	8.19	8.37	8.33	8.34	8.43
TRANSPORTATION AND PUBLIC UTILITIES	9.57	9.67	9.74	9.71	9.88	9.88	9.89	9.99	10.03	10.15	10.18	10.20	10.22
WHOLESALE AND RETAIL TRADE	5.84	5.89	5.91	5.93	5.99	6.05	6.02	6.05	6.08	6.08	6.09	6.11	6.14
FINANCE, INSURANCE, AND REAL ESTATE	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
SERVICES	6.27	6.32	6.38	6.42	6.51	6.52	6.58	6.64	6.65	6.72	6.71	6.72	6.76
Average weekly earnings													
TOTAL PRIVATE:													
Current dollars	252.76	253.45	254.50	256.28	258.37	257.21	258.65	260.75	260.01	257.18	263.55	263.15	263.09
1977 dollars[4]	172.06	171.37	170.92	170.06	170.20	167.45	167.74	168.23	167.21	164.96	168.62	168.79	-

[1] For coverage of series, see footnote 1, table B-2.

[2] The index excludes effects of two types of changes that are unrelated to underlying wage-rate developments: Fluctuations in overtime premiums in manufacturing (the only sector for which overtime data are available) and the effects of changes in the proportion of workers in high-wage and low-wage industries.

[3] The unadjusted data are shown because the seasonal component is small relative to the trend-cycle and/or irregular components and consequently cannot be separated with sufficient precision.

[4] The deflator for these series is derived from the Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W).

[5] See footnote 2, table C-6.

p=preliminary.

C-9. Hours of wage and salary workers[1] in nonagricultural establishments by industry division

Industry division	Millions of hours (Annual rate)[2]			Percent change		
	February R1982	March R1982	April P1982	Apr. 1981 to Apr. 1982	Feb. 1982 to Mar. 1982	Mar. 1982 to Apr. 1982
TOTAL	170,552	169,437	168,166	-1.4	-0.7	-0.7
PRIVATE SECTOR	139,347	138,002	136,748	-2.2	-1.0	-0.9
MINING	2,732	2,694	2,619	20.5	-1.4	-2.8
CONSTRUCTION	8,093	7,943	7,540	-10.6	-1.9	-5.1
MANUFACTURING	40,484	39,780	39,189	-7.0	-1.7	-1.5
DURABLE GOODS	24,295	23,894	23,464	-8.4	-1.6	-1.8
NONDURABLE GOODS	16,189	15,885	15,726	-4.8	-1.9	-1.0
TRANSPORTATION AND PUBLIC UTILITIES	10,459	10,377	10,392	-2.1	-0.8	0.1
WHOLESALE AND RETAIL TRADE	35,155	34,819	34,604	-0.7	-1.0	-0.6
FINANCE, INSURANCE, AND REAL ESTATE	10,140	10,155	10,084	0.5	0.2	-0.7
SERVICES	32,284	32,234	32,320	2.4	-0.2	0.3
GOVERNMENT	31,205	31,435	31,418	2.3	0.7	-0.1

[1] Data refer to hours of all employees—production workers, nonsupervisory workers and salaried workers—and are based largely on establishment data. See *BLS Handbook of Methods for Surveys and Studies*, BLS Bulletin 1910—Chapter 30, Productivity Measures: Private Economy and Major Sectors.

[2] "Annual rate" refers to total hours paid for 1 week in the month, expressed as a seasonally adjusted annual equivalent.

PRODUCTIVITY
SEASONALLY ADJUSTED

C-10. Indexes of output and compensation per hour, unit costs, and prices, private business sector, seasonally adjusted

(1977 = 100)

Item	Annual average		Quarterly indexes										
			1979		1980				1981				1982
	1980	1981	III	IV	I	II	III	IV	I	II	III	IV	I
PRIVATE BUSINESS SECTOR:													
Output per hour of all persons	99.3	100.4	99.4	99.1	99.5	99.1	99.4	99.1	100.3	101.2	100.9	99.2	p98.9
Output	106.8	r109.0	107.7	108.2	108.7	105.4	105.7	107.5	109.5	109.5	109.4	107.5	p106.3
Hours	107.5	108.5	108.4	109.1	109.2	106.4	106.3	108.4	109.2	108.2	108.4	108.4	p107.5
Compensation per hour	131.5	144.6	120.7	123.2	126.4	130.1	133.1	135.9	139.8	143.3	146.5	148.5	p151.4
Real compensation per hour	96.7	96.4	99.2	98.0	96.7	96.6	96.9	96.0	96.1	96.9	96.3	95.8	p 96.9
Unit labor costs	132.4	144.0	121.4	124.3	127.0	131.3	133.9	137.1	139.4	141.6	145.2	149.7	p153.0
Unit nonlabor payments	118.3	r130.6	111.5	112.2	115.2	116.0	119.7	122.7	127.6	129.3	132.4	r132.6	p129.0
Implicit price deflator	127.6	139.4	118.1	120.2	123.0	126.1	129.1	132.2	135.4	137.5	140.9	143.9	p144.9
NONFARM BUSINESS SECTOR:													
Output per hour of all persons	98.8	99.7	98.9	98.8	98.9	98.2	99.0	99.0	100.0	100.4	99.9	98.2	p 98.3
Output	106.8	108.8	107.8	108.2	108.5	105.1	105.8	107.7	109.7	109.4	109.0	106.9	p106.1
Hours	108.1	109.1	109.0	109.4	109.7	107.0	106.9	108.8	109.7	109.0	109.1	r108.9	p108.0
Compensation per hour	130.8	143.9	120.2	123.0	126.0	129.4	132.3	135.4	139.2	142.4	145.7	147.9	p150.9
Real compensation per hour	96.2	95.9	98.8	97.8	96.4	96.0	96.3	95.7	95.7	96.3	95.8	95.4	p 96.6
Unit labor costs	132.4	144.3	121.5	124.4	127.4	131.8	133.6	136.8	139.1	141.9	145.8	r150.7	p153.6
Unit nonlabor payments	117.6	r130.4	109.2	110.1	113.9	115.1	119.2	122.0	127.8	128.7	132.2	r132.8	p129.2
Implicit price deflator	127.4	r139.7	117.4	119.7	122.9	126.3	128.8	131.9	135.3	137.5	141.2	r144.7	p145.5
MANUFACTURING:													
Output per hour of all persons	101.7	104.5	102.0	102.1	r102.1	r100.8	100.7	r103.1	r103.6	r104.6	r105.0	r102.0	p100.5
Output	103.6	106.3	108.5	r108.3	r108.1	r101.7	99.9	r104.9	r106.4	r107.2	r107.2	r101.9	p 98.0
Hours	101.9	101.7	106.4	106.0	r105.8	100.9	99.2	101.8	102.7	102.5	102.2	99.9	p 97.5
Compensation per hour	131.6	146.2	119.8	122.3	125.4	130.0	133.9	137.3	141.1	144.8	148.0	r150.8	p154.7
Real compensation per hour	96.8	97.4	98.5	97.2	96.0	96.5	97.5	97.0	97.1	97.9	97.3	r97.3	p 99.0
Unit labor costs	129.4	140.0	117.5	119.8	r122.8	129.0	133.0	r133.2	r136.2	r138.4	r141.0	r147.8	p154.0
DURABLE GOODS													
Output per hour of all persons	99.7	102.8	100.1	r100.4	r100.0	99.0	98.4	r101.0	r101.7	r103.1	r103.2	r100.1	p 98.3
Output	102.9	105.7	109.5	109.1	r108.5	r100.8	r98.0	r104.1	r105.7	r107.0	r106.7	r100.6	p 96.0
Hours	103.2	102.8	109.3	108.7	108.4	101.8	99.7	103.0	103.9	103.7	103.3	r100.4	p 97.7
Compensation per hour	131.7	146.9	119.3	121.5	125.2	130.0	134.2	137.8	141.7	145.3	148.7	r151.5	p155.5
Real compensation per hour	96.9	97.9	98.1	96.6	95.8	96.5	97.7	97.4	97.4	98.3	97.7	97.7	p 99.5
Unit labor costs	132.1	r143.6	119.2	121.1	r125.1	r131.3	136.4	r136.4	r139.3	r141.0	r144.0	r151.3	p158.2
NONDURABLE GOODS													
Output per hour of all persons	104.9	106.9	105.0	104.9	r105.4	r103.5	104.3	r106.3	r106.5	r107.0	r107.6	r104.8	p103.8
Output	104.8	107.1	107.0	107.0	107.4	102.9	102.6	r106.2	r107.4	r107.7	r108.1	r103.8	p100.9
Hours	99.9	100.2	101.9	102.0	102.0	99.5	98.4	99.9	100.9	100.6	100.5	99.1	p 97.2
Compensation per hour	130.9	144.7	119.9	122.9	125.0	129.6	133.3	136.0	139.7	143.3	146.4	149.2	p153.3
Real compensation per hour	96.3	96.4	98.5	97.7	95.7	96.2	97.1	96.1	96.1	96.9	96.2	r96.3	p 98.1
Unit labor costs	124.8	135.3	114.2	117.2	118.7	125.3	127.8	r127.9	r131.2	133.9	r136.0	r142.4	p147.7
NONFINANCIAL CORPORATIONS:													
Output per all-employee hour	101.0	103.5	100.5	99.9	100.2	100.1	101.8	101.8	r103.4	r104.0	103.8	p102.4	N.A
Output	108.5	112.3	109.4	109.3	109.9	106.8	107.7	109.7	112.8	112.8	112.8	p110.5	N.A
Hours	107.5	108.5	108.9	109.4	109.6	106.7	105.8	107.8	109.1	r108.5	r108.6	p108.0	N.A
Compensation per hour	130.7	143.9	120.1	122.7	125.7	129.3	132.5	135.5	r139.3	r142.4	145.5	p148.0	N.A
Real compensation per hour	96.2	95.9	98.7	97.5	96.2	95.9	96.5	95.7	r95.8	r96.3	r95.7	p95.5	N.A
Total unit costs	129.7	140.9	118.2	121.3	124.2	129.2	131.1	134.1	136.0	138.7	142.2	p147.0	N.A
Unit labor costs	129.4	r139.0	119.5	122.8	125.4	129.1	130.2	133.1	134.7	137.0	140.2	p144.6	N.A
Unit nonlabor costs	130.2	146.1	114.6	117.2	120.9	129.3	133.8	136.9	139.5	143.6	147.7	p153.8	N.A
Unit profits	90.2	r103.6	97.5	92.2	95.5	83.4	89.1	92.4	106.8	102.8	106.7	p96.6	N.A
Implicit price deflator	125.2	136.7	115.9	118.1	121.0	124.1	126.4	129.5	132.7	134.7	138.2	p141.4	N.A

p=preliminary.
r=revised.

PRODUCTIVITY
SEASONALLY ADJUSTED

C-11. Percent changes from preceding quarter and year in productivity, hourly compensation, unit costs, and prices, private business sector, seasonally adjusted at annual rate

Item	Quarterly percent change						Annual percent change					
	1980 III to 1980 IV	1980 IV to 1981 I	1981 I to 1981 II	1981 II to 1981 III	1981 III to 1981 IV	1981 IV to 1982 I	1979 IV to 1980 IV	1980 I to 1981 I	1980 II to 1981 II	1980 III to 1981 III	1980 IV to 1981 IV	1981 I to 1982 I
PRIVATE BUSINESS SECTOR:												
Output per hour of all persons	1.1	4.7	3.5	-1.1	r-6.6	p-1.0	0.0	0.8	2.1	1.5	0.0	p-1.4
Output	6.9	7.9	-0.1	-0.3	-6.8	p-4.2	-0.7	0.8	3.9	3.5	0.0	p-2.9
Hours	8.1	3.0	-3.5	0.8	-0.2	p-3.3	-0.7	0.0	1.7	2.0	0.0	p-1.6
Compensation per hour	8.6	11.9	10.4	9.3	5.5	p8.1	10.3	10.6	10.1	10.1	9.3	p8.3
Real compensation per hour	-3.8	0.5	3.2	-2.3	-2.1	p4.7	-2.0	-0.6	0.3	-0.6	-0.2	p0.8
Unit labor costs	9.8	6.9	6.6	10.6	r13.0	p9.1	10.3	9.7	7.8	8.5	r9.3	p9.8
Unit nonlabor payments	10.2	17.1	5.3	10.1	r0.4	p-10.3	9.3	10.8	11.5	10.6	r8.1	p1.1
Implicit price deflator	9.9	10.0	6.2	10.4	r8.9	p2.8	10.0	10.1	9.0	9.1	r8.9	p7.0
NONFARM BUSINESS SECTOR:												
Output per hour of all persons	-0.2	4.4	1.4	-1.7	r-6.9	p0.3	0.2	1.2	2.3	0.9	-0.8	p-1.8
Output	7.1	7.9	-1.1	-1.4	-7.7	p-3.0	-0.5	1.1	4.1	3.0	-0.7	p-3.3
Hours	7.3	3.4	-2.5	0.4	r-0.9	p-3.3	-0.6	-0.1	1.8	2.1	0.1	p-1.6
Compensation per hour	9.8	11.7	9.6	9.5	r6.3	p8.4	10.1	10.5	10.0	10.2	r9.3	p8.4
Real compensation per hour	-2.7	0.3	2.5	-2.2	r-1.4	p5.0	-2.2	-0.7	0.3	-0.6	-0.2	p0.9
Unit labor costs	10.1	7.0	8.1	11.5	r14.1	p8.1	9.9	9.2	7.6	9.2	10.1	p10.4
Unit nonlabor payments	9.9	20.2	3.0	11.3	r1.8	p-10.2	10.8	12.2	11.8	10.9	8.8	p1.2
Implicit price deflator	r10.0	11.0	6.5	11.4	r10.1	p2.2	10.2	10.1	8.9	9.7	9.7	p7.5
MANUFACTURING:												
Output per hour of all persons	r 9.8	r1.9	r4.1	1.2	r-10.8	p-5.8	r1.0	r1.5	r3.8	r4.2	r-1.1	p-3.0
Output	r21.8	r5.6	3.3	r0.0	-18.5	p-14.6	r-3.1	r-1.6	r 5.5	r7.4	r-2.9	p-7.9
Hours	11.0	3.6	-0.8	-1.2	r-8.7	p-9.3	-4.0	-3.0	1.6	3.0	r-1.9	p-5.1
Compensation per hour	10.5	11.6	10.8	9.3	r 7.6	p10.9	12.3	12.5	11.4	10.5	9.8	p9.6
Real compensation per hour	-2.2	0.2	3.5	-2.4	r -0.2	p7.4	-0.2	1.1	1.5	-0.2	r0.3	p2.0
Unit labor costs	r0.6	r9.5	r6.4	r7.9	20.7	p17.8	r11.2	r10.9	r7.3	r6.0	r11.0	13.0
DURABLE GOODS												
Output per hour of all persons	r11.3	r2.8	r5.6	r0.5	r-11.5	p-7.1	r0.6	r1.7	r4.1	r5.0	r-0.9	p-3.3
Output	r26.9	r6.2	r5.1	r-1.2	r-20.9	p-16.9	r-4.6	r-2.6	r6.1	r8.8	r-3.4	p-9.1
Hours	14.1	3.4	-0.5	-1.7	r-10.7	p-10.6	-5.2	-4.2	1.9	3.6	-2.5	p-6.0
Compensation per hour	11.2	11.8	10.7	9.5	r 7.8	p10.9	13.4	13.2	11.8	10.8	9.9	p9.7
Real compensation per hour	-1.4	0.3	3.5	-2.1	r 0.0	p7.4	0.8	1.7	1.9	0.0	r0.4	p2.1
Unit labor costs	r0.0	r8.7	r4.8	r9.0	r21.7	p19.5	r12.7	r11.3	r7.4	r5.6	r10.9	p13.5
NONDURABLE GOODS												
Output per hour of all persons	r7.9	r0.7	r2.0	r2.4	r-10.0	p-4.0	1.4	r1.1	r3.4	r3.2	r-1.4	p-2.6
Output	r14.9	r4.6	r0.8	r1.8	r-14.9	p-11.0	r-0.7	r0.0	r4.6	r5.4	r-2.2	p-6.1
Hours	6.4	3.9	-1.1	-0.6	r-5.4	p-7.3	-2.1	-1.0	1.1	2.1	r-0.9	p-3.7
Compensation per hour	8.2	11.4	10.7	8.9	r8.0	p11.4	10.6	11.7	10.5	9.8	r9.8	p9.8
Real compensation per hour	-4.2	0.0	3.5	-2.7	r0.2	p7.9	-1.7	0.4	0.7	-0.9	0.2	p2.2
Unit labor costs	r0.2	r10.6	r8.6	r6.4	r20.1	p16.0	r9.1	r10.5	r6.9	r6.4	r-11.3	p12.6
NONFINANCIAL CORPORATIONS:												
Output per all-employee hour	0.0	r6.6	2.2	-0.5	p-5.5	N.A	1.9	r3.2	3.8	2.0	p0.6	N.A
Output	7.9	11.5	0.1	-0.1	p-7.8	N.A	0.4	2.6	5.6	4.7	p0.7	N.A
Hours	7.9	r4.6	-2.0	r0.5	p-2.4	N.A	-1.5	-0.5	r1.7	2.7	p0.1	N.A
Compensation per hour	9.4	r11.7	9.3	r9.1	p 6.9	N.A	10.4	10.8	10.1	r9.9	p9.2	N.A
Real compensation per hour	-3.1	r0.3	2.1	-2.5	p-0.8	N.A	-1.9	r-0.4	r0.4	r-0.8	p-0.3	N.A
Total unit costs	9.4	5.6	8.4	10.3	p14.4	N.A	10.5	9.5	7.4	8.4	p9.6	N.A
Unit labor costs	9.4	4.8	7.0	9.7	p13.2	N.A	8.4	7.4	6.1	7.7	p8.6	N.A
Unit nonlabor costs	9.5	7.9	12.3	11.8	p17.6	N.A	16.8	15.4	11.1	10.4	p12.3	N.A
Unit profits	15.7	77.9	-13.9	15.7	p-32.6	N.A	0.3	11.8	23.3	19.7	p4.5	N.A
Implicit price deflator	9.9	10.4	6.2	10.7	p 9.6	N.A	9.6	9.7	8.6	9.3	p9.2	N.A

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p=preliminary.
r=revised.

C-12. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	MAR. 1981	FEB. 1982	MAR. 1982P	MAR. 1981	FEB. 1982	MAR. 1982P	MAR. 1981	FEB. 1982	MAR. 1982P
ALABAMA	$273.43	$286.77	$281.91	39.8	39.5	39.1	$6.87	$7.26	$7.21
Birmingham	314.42	325.61	312.24	39.8	40.1	38.5	7.90	8.12	8.11
Mobile	355.28	369.07	368.15	41.7	39.6	39.8	8.52	9.32	9.25
ALASKA	434.85	527.35	(*)	39.0	39.8	(*)	11.15	13.25	(*)
ARIZONA	310.02	333.50	335.01	39.9	38.6	39.0	7.77	8.64	8.59
ARKANSAS	240.73	252.06	254.14	39.4	38.6	38.8	6.11	6.53	6.55
Fayetteville—Springdale	226.85	233.17	236.07	40.8	38.1	38.7	5.56	6.12	6.10
Fort Smith	240.86	236.68	249.86	38.6	36.3	37.8	6.24	6.52	6.61
Little Rock—North Little Rock	274.62	294.89	300.93	39.4	38.7	39.7	6.97	7.62	7.58
Pine Bluff	322.63	330.07	335.38	41.9	40.8	40.9	7.70	8.09	8.20
CALIFORNIA	327.10	353.46	355.54	39.6	39.1	39.2	8.26	9.04	9.07
COLORADO	323.18	328.05	328.10	39.8	39.1	39.2	8.12	8.39	8.37
Denver—Boulder	323.18	329.94	331.75	39.8	39.0	39.4	8.12	8.46	8.42
CONNECTICUT	316.01	327.62	330.47	41.8	40.8	40.9	7.56	8.03	8.08
Bridgeport	331.62	340.67	342.76	42.9	41.8	41.8	7.73	8.15	8.20
Hartford	337.74	342.10	355.97	41.8	40.2	41.2	8.08	8.51	8.64
New Britain	330.07	328.85	334.96	42.7	40.8	41.2	7.73	8.06	8.13
New Haven—West Haven	286.44	308.50	312.04	39.4	39.4	39.7	7.27	7.83	7.86
Stamford	287.29	294.12	294.32	41.1	39.8	39.4	6.99	7.39	7.47
Waterbury	267.54	272.28	287.86	42.0	40.7	42.9	6.37	6.69	6.71
DELAWARE	326.40	319.06	344.05	40.0	39.1	39.5	8.16	8.16	8.71
Wilmington	378.95	374.61	399.17	40.4	38.9	39.6	9.38	9.63	10.08
DISTRICT OF COLUMBIA:									
Washington SMSA	337.82	346.63	353.73	39.1	38.6	39.0	8.64	8.98	9.07
FLORIDA	254.78	274.82	270.86	40.7	39.6	39.6	6.26	6.94	6.84
Fort Lauderdale—Hollywood	241.60	261.23	266.93	40.2	40.5	40.2	6.01	6.45	6.64
Jacksonville	301.58	306.92	311.22	41.2	38.9	39.0	7.32	7.89	7.98
Lakeland—Winter Haven	281.47	303.53	305.45	42.2	43.3	42.9	6.67	7.01	7.12
Miami	232.82	232.85	231.67	41.5	39.6	39.4	5.61	5.88	5.88
Orlando	276.30	307.82	303.81	41.8	42.4	41.0	6.61	7.26	7.41
Pensacola	323.51	327.22	337.02	42.4	40.1	40.9	7.63	8.16	8.24
Tampa—St. Petersburg	254.87	269.56	274.16	40.2	39.7	40.2	6.34	6.79	6.82
West Palm Beach—Boca Raton	281.81	320.78	293.27	41.2	42.6	39.9	6.84	7.53	7.35
GEORGIA	252.28	258.30	256.69	40.3	38.9	38.6	6.26	6.64	6.65
Atlanta	298.50	311.22	307.70	39.8	39.0	38.9	7.50	7.98	7.91
Savannah	349.96	365.45	372.32	43.8	43.3	43.7	7.99	8.44	8.52
HAWAII	300.49	300.29	297.42	39.8	38.4	37.6	7.55	7.82	7.91
Honolulu	288.40	299.49	304.10	38.3	38.2	38.3	7.53	7.84	7.94
IDAHO	288.77	296.46	297.56	36.6	36.6	36.6	7.89	8.10	8.13
Boise City	284.87	311.03	318.12	38.6	38.3	38.7	7.38	8.12	8.22
ILLINOIS	348.94	364.98	363.38	40.2	39.5	39.2	8.68	9.24	9.27
Bloomington—Normal	304.96	326.02	321.49	38.7	38.4	36.7	7.88	8.49	8.76
Champaign—Urbana—Rantoul	301.82	339.19	348.98	38.4	38.5	39.3	7.86	8.81	8.88
Chicago SMSA	318.38	330.50	332.35	39.6	38.7	38.6	8.04	8.54	8.61
Davenport—Rock Island—Moline	416.71	443.87	433.38	39.8	38.1	37.2	10.47	11.65	11.65
Decatur	391.22	463.91	455.31	39.2	40.2	39.8	9.98	11.54	11.44
Kankakee	296.83	302.57	301.32	38.7	37.4	37.2	7.67	8.09	8.10
Peoria	437.34	487.80	486.16	39.4	38.5	38.1	11.10	12.67	12.76
Rockford	359.04	373.73	373.43	41.7	40.1	39.6	8.61	9.32	9.43
Springfield	372.19	399.99	412.85	40.9	39.8	40.2	9.10	10.05	10.27
INDIANA	372.20	384.15	380.44	40.5	39.4	39.1	9.19	9.75	9.73
Gary—Hammond—East Chicago	500.56	(*)	(*)	41.3	(*)	(*)	12.12	(*)	(*)
Indianapolis	365.42	397.54	(*)	40.2	40.4	(*)	9.09	9.84	(*)
IOWA	368.14	392.21	371.91	39.5	39.3	38.7	9.32	9.98	9.61
Cedar Rapids	377.29	401.60	392.42	40.7	40.2	39.4	9.27	9.99	9.96
Des Moines	374.75	416.02	396.34	39.2	39.1	38.0	9.56	10.64	10.43

See footnotes at end of table.

C-12. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas—Continued

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	MAR. 1981	FEB. 1982	MAR. 1982P	MAR. 1981	FEB. 1982	MAR. 1982P	MAR. 1981	FEB. 1982	MAR. 1982P
IOWA—Continued									
Dubuque	$417.64	$446.88	$420.81	39.4	39.2	38.5	$10.60	$11.40	$10.93
Sioux City	367.65	329.87	329.78	42.9	39.6	39.4	8.57	8.33	8.37
Waterloo—Cedar Falls	472.46	530.88	458.25	38.6	40.9	39.1	12.24	12.98	11.72
KANSAS	314.61	340.69	340.40	40.7	39.8	40.0	7.73	8.56	8.51
Topeka	323.18	349.85	339.89	39.8	38.7	38.8	8.12	9.04	8.76
Wichita	357.81	386.04	384.92	41.8	41.2	41.3	8.56	9.37	9.32
KENTUCKY	308.00	320.19	322.70	40.0	38.3	38.6	7.70	8.36	8.36
Lexington—Fayette	314.63	(*)	(*)	38.7	(*)	(*)	8.13	(*)	(*)
Louisville	359.48	386.56	378.07	40.3	40.1	39.3	8.92	9.64	9.62
LOUISIANA	351.09	372.60	369.60	41.5	40.5	40.0	8.46	9.20	9.24
Baton Rouge	447.38	456.21	470.61	43.1	41.1	41.5	10.38	11.10	11.34
New Orleans	337.81	355.81	367.35	41.5	39.1	39.8	8.14	9.10	9.23
Shreveport	304.71	325.62	326.33	40.9	40.3	39.7	7.45	8.08	8.22
MAINE	260.58	278.50	276.31	40.4	39.9	39.7	6.45	6.98	6.96
Lewiston—Auburn	205.83	214.48	210.46	37.9	37.3	36.1	5.43	5.75	5.83
Portland	244.92	275.80	272.74	39.0	39.4	39.7	6.28	7.00	6.87
MARYLAND	327.60	338.69	336.80	40.0	39.2	39.3	8.19	8.64	8.57
Baltimore	346.68	361.78	359.70	40.5	39.8	40.1	8.56	9.09	8.97
MASSACHUSETTS	277.09	(*)	(*)	40.1	(*)	(*)	6.91	(*)	(*)
Boston	300.75	(*)	(*)	40.1	(*)	(*)	7.50	(*)	(*)
Brockton	223.76	(*)	(*)	40.1	(*)	(*)	5.58	(*)	(*)
Fall River	206.22	(*)	(*)	37.7	(*)	(*)	5.47	(*)	(*)
Lawrence—Haverhill	285.65	(*)	(*)	41.1	(*)	(*)	6.95	(*)	(*)
Lowell	250.73	(*)	(*)	39.3	(*)	(*)	6.38	(*)	(*)
New Bedford	231.87	(*)	(*)	38.2	(*)	(*)	6.07	(*)	(*)
Springfield—Chicopee—Holyoke	279.21	(*)	(*)	41.0	(*)	(*)	6.81	(*)	(*)
Worcester	281.87	(*)	(*)	39.7	(*)	(*)	7.10	(*)	(*)
MICHIGAN	422.52	441.83	444.37	41.1	40.1	39.8	10.27	11.03	11.16
Ann Arbor	464.15	475.59	482.10	42.4	41.4	41.5	10.95	11.48	11.62
Battle Creek	403.33	430.11	434.89	43.9	40.4	39.9	9.87	10.65	10.90
Bay City	370.86	381.67	375.79	40.4	40.4	39.7	9.18	9.45	9.46
Detroit	449.62	483.25	486.71	41.3	41.3	41.2	10.89	11.69	11.81
Flint	494.65	489.79	492.10	41.6	38.3	37.4	11.88	12.80	13.17
Grand Rapids	346.53	361.85	364.56	40.9	38.9	38.9	8.47	9.30	9.37
Jackson	395.09	403.77	396.87	43.9	41.4	41.2	8.99	9.76	9.64
Kalamazoo—Portage	419.83	409.26	404.47	42.2	40.1	39.7	9.95	10.19	10.18
Lansing—East Lansing	445.50	460.91	458.52	38.4	38.3	38.0	11.59	12.04	12.08
Muskegon—Norton Shores—Muskegon Heights	359.18	363.44	358.03	41.1	38.7	37.4	8.74	9.40	9.57
Saginaw	509.06	478.63	490.33	42.0	38.1	38.5	12.12	12.58	12.72
MINNESOTA	327.10	349.87	350.76	39.6	39.4	39.5	8.26	8.88	8.88
Duluth—Superior	319.02	341.02	337.16	39.0	39.7	39.9	8.18	8.59	8.45
Minneapolis—St. Paul	343.26	365.34	367.46	39.5	39.2	39.3	8.69	9.32	9.35
St. Cloud	245.23	283.90	260.64	37.1	36.3	36.0	6.61	7.27	7.24
MISSISSIPPI	234.82	247.16	247.29	39.4	38.8	38.7	5.96	6.37	6.39
Jackson	258.16	266.56	266.76	40.4	38.8	39.0	6.39	6.87	6.84
MISSOURI	302.63	317.75	319.81	39.1	38.1	38.3	7.74	8.34	8.35
Kansas City	343.33	372.49	369.26	39.6	39.5	39.2	8.67	9.43	9.42
St. Joseph	284.20	292.55	286.52	39.2	37.7	37.9	7.25	7.76	7.56
St. Louis	344.27	364.60	368.94	39.3	38.5	39.0	8.76	9.47	9.46
Springfield	300.94	300.75	299.30	41.0	40.1	39.8	7.34	7.50	7.52
MONTANA	367.85	361.34	371.50	41.1	38.4	38.9	8.95	9.41	9.55
NEBRASKA	319.55	332.48	333.63	40.5	40.3	40.1	7.89	8.25	8.32
Lincoln	284.63	311.08	311.70	37.8	37.3	37.6	7.53	8.34	8.29
Omaha	320.38	328.25	328.49	39.7	38.8	38.6	8.07	8.46	8.51
NEVADA	318.16	322.27	325.23	38.8	37.3	37.0	8.20	8.64	8.79
Las Vegas	403.57	420.79	(*)	39.8	39.4	(*)	10.14	10.68	(*)

See footnotes at end of table.

C-12. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas—Continued

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	MAR. 1981	FEB. 1982	MAR. 1982p	MAR. 1981	FEB. 1982	MAR. 1982p	MAR. 1981	FEB. 1982	MAR. 1982p
NEW HAMPSHIRE	$249.42	$272.52	$273.43	40.1	39.9	39.8	$6.22	$6.83	$6.87
Manchester	231.27	249.80	251.77	39.0	39.4	39.4	5.93	6.34	6.39
Nashua	279.48	305.60	307.28	40.8	40.0	39.7	6.85	7.64	7.74
NEW JERSEY	317.34	335.32	337.37	41.0	40.4	40.5	7.74	8.30	8.33
Atlantic City	237.44	251.29	260.68	37.1	36.9	38.0	6.40	6.81	6.86
Camden [2]	319.16	342.55	347.17	40.4	40.3	40.7	7.90	8.50	8.53
Hackensack [3]	283.86	296.74	296.27	41.5	40.1	40.2	6.84	7.40	7.37
Jersey City [3]	303.00	326.82	326.82	40.4	40.1	40.1	7.50	8.15	8.15
New Brunswick—Perth Amboy—Sayreville [3]	373.60	394.59	390.40	42.6	41.8	41.4	8.77	9.44	9.43
Newark [3]	334.46	357.25	361.42	41.6	41.3	41.4	8.04	8.65	8.73
Paterson—Clifton—Passaic [3]	312.48	307.16	305.93	43.1	40.9	40.9	7.25	7.51	7.48
Trenton	328.00	331.74	335.48	40.0	38.8	39.1	8.20	8.55	8.58
NEW MEXICO	249.94	272.76	279.57	39.8	38.8	39.1	6.28	7.03	7.15
Albuquerque	260.07	283.80	283.71	40.7	38.3	38.6	6.39	7.41	7.35
NEW YORK [4]	305.29	318.98	320.58	39.7	38.9	39.0	7.69	8.20	8.22
Albany—Schenectady—Troy	322.77	330.91	334.17	40.6	39.3	39.5	7.95	8.42	8.46
Binghamton	291.33	293.94	285.32	41.5	41.4	40.3	7.02	7.10	7.08
Buffalo	398.78	412.48	410.29	40.2	39.7	39.3	9.92	10.39	10.44
Elmira	300.35	321.20	326.82	48.1	40.0	40.2	7.49	8.03	8.13
Monroe County [4]	417.49	442.49	439.52	41.5	41.2	41.0	10.06	10.74	10.72
Nassau—Suffolk [5]	292.58	312.04	318.00	40.3	39.3	39.9	7.26	7.94	7.97
New York—Northeastern New Jersey	291.67	(*)	(*)	39.9	(*)	(*)	7.31	(*)	(*)
New York and Nassau—Suffolk [3]	266.11	280.87	284.63	38.4	37.4	37.8	6.93	7.51	7.53
New York SMSA [4]	258.86	272.32	274.91	37.9	36.9	37.2	6.83	7.38	7.39
New York City [3]	254.25	268.28	271.57	37.5	36.7	37.1	6.78	7.31	7.32
Poughkeepsie	318.00	333.16	325.85	42.4	43.1	42.1	7.50	7.73	7.74
Rochester	393.05	416.36	414.53	41.2	40.9	40.8	9.54	10.18	10.16
Rockland County [3]	292.22	323.56	322.65	41.1	39.7	39.3	7.11	8.15	8.21
Syracuse	331.68	352.00	349.86	41.1	40.6	40.4	8.07	8.67	8.66
Utica—Rome	288.23	300.60	308.05	40.2	39.5	39.8	7.17	7.61	7.74
Westchester County [3]	303.26	291.75	294.08	41.6	37.5	37.8	7.29	7.78	7.78
NORTH CAROLINA	225.79	234.87	233.75	39.2	37.7	37.4	5.76	6.23	6.25
Asheville	219.96	234.78	225.75	39.1	39.0	37.5	5.60	6.02	6.02
Charlotte—Gastonia	237.10	241.72	240.63	40.6	38.3	38.5	5.84	6.23	6.25
Greensboro—Winston-Salem—High Point	243.66	253.08	256.68	38.8	37.0	37.2	6.28	6.84	6.90
Raleigh—Durham	253.60	282.46	279.55	38.6	38.9	38.4	6.57	7.28	7.28
NORTH DAKOTA	260.48	284.13	280.50	37.0	38.5	37.6	7.04	7.38	7.46
Fargo—Moorhead	283.85	303.69	295.81	37.3	40.6	39.6	7.61	7.48	7.47
OHIO	381.60	395.79	397.79	40.9	40.1	40.1	9.33	9.87	9.92
Akron	390.09	406.43	414.39	41.9	41.6	41.9	9.31	9.77	9.89
Canton	386.88	394.97	390.39	40.3	39.3	39.0	9.60	10.05	10.01
Cincinnati	353.46	367.75	377.08	41.1	39.8	40.2	8.60	9.24	9.38
Cleveland	388.63	396.37	400.99	41.3	40.2	40.3	9.41	9.86	9.95
Columbus	338.00	360.19	359.72	40.0	39.8	39.4	8.45	9.05	9.13
Dayton	384.50	392.80	389.46	41.3	40.0	39.7	9.31	9.82	9.81
Toledo	400.05	438.70	439.11	41.2	41.0	41.0	9.71	10.70	10.71
Youngstown—Warren	472.12	459.81	456.63	40.7	39.3	39.3	11.60	11.70	11.67
OKLAHOMA	328.44	333.59	338.64	40.8	39.2	39.7	8.05	8.51	8.53
Oklahoma City	351.29	338.58	346.35	40.8	39.6	40.6	8.61	8.55	8.53
Tulsa	350.22	363.40	367.23	41.3	39.5	39.7	8.48	9.20	9.25
OREGON	349.27	364.13	(*)	37.8	37.5	(*)	9.24	9.71	(*)
Eugene—Springfield	369.38	(*)	(*)	38.8	(*)	(*)	9.52	(*)	(*)
Jackson County	338.52	(*)	(*)	39.0	(*)	(*)	8.68	(*)	(*)
Portland	345.14	377.26	(*)	36.6	38.3	(*)	9.43	9.85	(*)
Salem	332.33	(*)	(*)	36.6	(*)	(*)	9.38	(*)	(*)
PENNSYLVANIA	320.72	342.00	329.26	39.4	40.0	38.6	8.14	8.55	8.53
Allentown—Bethlehem—Easton	324.94	345.86	340.49	38.5	38.4	38.3	8.44	8.96	8.89
Altoona	270.07	284.06	282.63	38.2	38.7	39.2	7.07	7.34	7.21
Delaware Valley [3]	326.40	339.86	341.82	40.0	39.2	39.2	8.16	8.67	8.72
Erie	341.53	366.13	369.41	41.0	41.0	41.0	8.33	8.93	9.01
Harrisburg	306.88	323.79	314.59	40.7	39.0	38.6	7.54	8.30	8.15
Johnstown	328.13	322.96	314.84	37.5	36.7	35.9	8.75	8.80	8.77

See footnotes at end of table.

C-12. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas—Continued

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	MAR. 1981	FEB. 1982	MAR. 1982P	MAR. 1981	FEB. 1982	MAR. 1982P	MAR. 1981	FEB. 1982	MAR. 1982P
PENNSYLVANIA—Continued									
Lancaster	$279.18	$288.80	$289.17	39.6	38.1	37.8	$7.05	$7.58	$7.65
Northeast Pennsylvania	226.55	250.79	247.38	36.6	37.6	37.2	6.19	6.67	6.65
Philadelphia SMSA	324.41	339.95	343.26	40.1	39.3	39.5	8.09	8.65	8.69
Pittsburgh	401.96	417.75	401.44	41.1	39.9	38.6	9.78	10.47	10.40
Reading	305.52	306.75	309.32	40.2	38.2	38.0	7.60	8.03	8.14
Williamsport	298.10	331.70	315.56	39.8	40.5	39.2	7.49	8.19	8.05
York	298.89	316.79	317.19	41.0	40.1	40.1	7.29	7.90	7.91
RHODE ISLAND	237.80	249.48	252.72	39.7	38.8	39.0	5.99	6.43	6.48
Providence—Warwick—Pawtucket	236.81	247.54	251.02	39.8	38.8	39.1	5.95	6.38	6.42
SOUTH CAROLINA	244.01	254.02	253.48	40.6	39.2	38.7	6.01	6.48	6.55
Charleston—North Charleston	281.31	271.27	287.60	41.8	38.1	40.0	6.73	7.12	7.19
Columbia	231.87	242.17	239.27	39.3	38.5	37.8	5.90	6.29	6.33
Greenville—Spartanburg	233.83	255.36	252.06	39.7	39.9	39.2	5.89	6.40	6.43
South Dakota	288.01	303.58	296.10	41.5	43.0	42.3	6.94	7.06	7.00
Sioux Falls	387.49	417.88	408.18	44.9	51.4	49.9	8.63	8.13	8.18
TENNESSEE	260.95	275.97	268.87	39.9	39.2	38.3	6.54	7.04	7.02
Chattanooga	261.76	266.85	262.96	40.9	38.9	38.5	6.40	6.86	6.83
Knoxville	296.94	317.13	307.42	40.4	39.2	38.0	7.35	8.09	8.09
Memphis	291.67	310.64	292.04	39.9	40.5	39.6	7.31	7.67	7.40
Nashville—Davidson	282.30	329.89	320.37	40.1	41.6	40.4	7.04	7.93	7.93
TEXAS	317.70	339.89	342.76	41.1	41.0	41.0	7.73	8.29	8.36
Dallas—Fort Worth	301.26	330.05	331.25	41.1	41.0	41.2	7.33	8.05	8.04
Houston	408.32	440.00	441.23	43.3	44.0	43.6	9.43	10.00	10.12
San Antonio	279.31	246.71	249.77	40.3	39.6	39.9	5.69	6.23	6.26
UTAH	294.57	317.49	315.02	39.7	39.1	38.7	7.42	8.12	8.14
Salt Lake City—Ogden	288.26	312.44	309.28	40.6	39.7	39.1	7.10	7.87	7.91
VERMONT	269.43	284.14	277.25	40.7	39.3	38.4	6.62	7.23	7.22
Burlington	268.92	326.40	317.12	42.4	41.9	40.5	7.05	7.79	7.83
Springfield	318.19	299.13	303.34	42.2	39.0	39.6	7.54	7.67	7.66
VIRGINIA	266.00	277.59	274.32	40.0	38.5	38.1	6.65	7.21	7.20
Bristol	218.36	234.22	236.11	37.2	37.9	37.3	5.87	6.18	6.33
Lynchburg	270.03	254.10	240.82	41.1	36.3	34.8	6.57	7.00	6.92
Norfolk—Virginia Beach—Portsmouth	288.00	300.03	301.35	41.8	40.6	41.0	6.89	7.39	7.35
Northern Virginia*	280.53	293.64	299.47	39.4	39.1	39.3	7.12	7.51	7.62
Peteraburg—Colonial Heights—Hopewell	318.33	354.50	349.00	39.8	38.2	38.1	7.99	9.28	9.16
Richmond	340.90	365.60	372.83	40.2	40.0	40.9	8.48	9.14	9.14
Roanoke	246.02	255.26	258.84	40.2	38.5	39.7	6.12	6.63	6.52
WASHINGTON	394.29	428.37	(*)	39.0	39.3	(*)	10.11	10.90	(*)
Seattle—Everett	410.57	452.57	(*)	39.9	40.3	(*)	10.29	11.23	(*)
WEST VIRGINIA	338.70	360.51	352.04	39.8	39.4	39.6	8.51	9.15	8.89
Charleston	397.57	433.44	441.19	41.5	42.0	42.3	9.58	10.32	10.43
Huntington—Ashland	383.13	393.08	403.48	40.5	38.2	38.5	9.46	10.29	10.48
Parkersburg—Marietta	364.49	383.68	388.80	41.0	40.3	40.0	8.89	9.52	9.72
Wheeling	381.97	395.36	372.88	39.5	39.3	38.6	9.67	10.06	9.66
WISCONSIN	345.68	368.68	367.28	40.3	39.8	39.5	8.59	9.27	9.30
Appleton—Oshkosh	346.17	367.14	362.51	41.9	41.3	40.8	8.27	8.89	8.89
Eau Claire	348.12	353.60	350.24	42.1	40.6	40.3	8.28	8.72	8.69
Green Bay	364.56	385.21	381.73	41.9	41.0	40.7	8.70	9.39	9.39
Janesville—Beloit	325.04	351.46	359.86	41.1	40.3	39.9	7.91	8.73	9.03
Kenosha	369.44	420.31	422.35	40.0	39.5	39.5	9.23	10.64	10.69
La Crosse	300.88	325.80	330.06	40.3	39.1	39.3	7.35	8.34	8.39
Madison	327.07	359.72	360.00	38.8	38.7	38.7	8.43	9.30	9.30
Milwaukee	380.57	407.95	406.81	40.1	39.9	39.4	9.49	10.24	10.33
Racine	369.14	392.84	394.25	40.0	40.1	39.9	9.20	9.79	9.88
WYOMING	301.75	324.63	323.26	39.6	38.6	38.9	7.62	8.41	8.31

See footnotes at end of table.

C-12. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas—Continued

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	MAR. 1981	FEB. 1982	MAR. 1982p	MAR. 1981	FEB. 1982	MAR. 1982p	MAR. 1981	FEB. 1982	MAR. 1982p
VIRGIN ISLANDS [1]	$339.39	$389.79	$393.34	41.9	41.6	41.8	$8.10	$9.37	$9.41

[1] Revised to 1981 benchmark, not strictly comparable with previously published data.
[2] Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.
[3] Subarea of New York—Northeastern New Jersey.
[4] Subarea of Rochester Standard Metropolitan Statistical Area.
[5] Area included in New York and Nassau-Suffolk combined SMSA's.
[6] Subarea of New York Standard Metropolitan Statistical Area.
[7] Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pennsylvania.
[8] Subarea of Washington, D.C. Standard Metropolitan Statistical Area: Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park cities; and Arlington, Fairfax, Loudoun, and Prince William Counties, Virginia.
p = preliminary.
*Not available.

SOURCE: Cooperating State agencies listed on inside back cover.

D-1. Labor force and unemployment by State and selected metropolitan areas

(Numbers in thousands)

State and area	Labor force			Unemployment					
				Number			Percent of labor force		
	MAR. 1981	FEB. 1982	MAR. 1982P	MAR. 1981	FEB. 1982	MAR. 1982P	MAR. 1981	FEB. 1982	MAR. 1982P
ALABAMA	1,662.8	1,670.8	1,690.3	182.3	233.5	237.1	11.0	14.0	14.0
Birmingham	379.4	373.1	378.3	41.0	46.3	45.5	10.8	12.4	12.0
Huntsville	140.8	145.3	146.6	16.9	19.0	18.3	12.0	13.1	12.5
Mobile	187.7	187.5	189.2	17.0	22.4	22.9	9.1	12.0	12.1
Montgomery	120.9	120.5	122.3	10.4	14.4	14.6	8.6	11.9	12.0
Tuscaloosa	55.7	54.4	54.8	5.5	6.6	6.3	9.9	12.2	11.6
ALASKA	182.1	194.0	197.3	19.6	22.2	22.2	10.7	11.4	11.3
ARIZONA	1,268.2	1,300.4	1,305.7	77.0	102.4	109.7	6.1	7.9	8.4
Phoenix	776.3	794.3	796.4	39.8	49.5	53.3	5.1	6.2	6.7
Tucson	231.4	236.7	238.1	12.1	17.6	18.8	5.2	7.4	7.9
ARKANSAS	1,026.6	1,003.7	1,008.4	101.4	116.1	107.4	9.9	11.6	10.6
Fayetteville Springdale	80.9	81.4	80.1	6.7	7.2	5.5	5.8	6.9	6.9
Fort Smith[1]	90.7	87.9	87.2	8.3	10.3	9.9	9.2	11.7	11.4
Little Rock—North Little Rock	196.7	192.5	191.7	15.7	16.5	15.5	8.0	8.6	8.1
Pine Bluff	40.9	39.2	39.2	4.2	4.4	4.1	10.4	11.3	10.4
CALIFORNIA[2]	11,693.3	11,945.9	11,953.4	871.4	1,145.0	1,156.3	7.5	9.6	9.7
Anaheim—Santa Ana—Garden Grove	1,174.9	1,183.5	1,188.3	49.9	72.2	73.0	4.3	6.1	6.1
Bakersfield	190.0	198.9	200.3	19.2	23.3	26.4	10.1	11.7	13.2
Fresno	265.8	277.3	276.5	32.7	42.4	44.6	12.3	15.3	16.1
Los Angeles—Long Beach[3]	3,677.0	3,744.0	3,738.0	253.0	311.0	321.0	6.9	8.3	8.6
Modesto	131.5	140.5	139.1	21.6	29.2	28.1	16.5	20.8	20.2
Oxnard—Simi Valley—Ventura	245.1	257.2	258.8	18.0	25.2	24.8	7.4	9.8	9.6
Riverside—San Bernardino—Ontario	611.9	627.8	629.1	48.7	68.4	68.4	8.0	10.9	10.9
Sacramento	492.5	508.4	507.7	44.1	60.4	60.3	9.0	11.9	11.9
Salinas—Seaside—Monterey	134.2	139.9	139.3	15.1	22.7	18.5	11.3	16.2	13.3
San Diego	801.7	813.0	810.4	55.8	72.5	70.8	7.0	8.9	8.7
San Francisco—Oakland	1,694.4	1,716.8	1,719.9	96.0	125.2	127.3	5.7	7.3	7.4
San Jose	787.7	803.7	809.3	45.2	62.2	60.3	5.7	7.7	7.4
Santa Barbara—Santa Maria—Lompoc	153.2	156.8	158.3	9.2	12.7	12.7	6.0	8.1	8.0
Santa Rosa	139.8	144.6	145.4	11.9	15.9	16.1	8.5	11.0	11.1
Stockton	165.6	171.5	168.5	22.8	32.0	32.1	13.8	18.6	19.0
Vallejo—Fairfield—Napa	131.4	136.9	136.6	10.8	15.2	15.4	8.2	11.1	11.2
COLORADO	1,508.4	1,522.2	1,527.1	86.9	103.4	101.7	5.8	6.8	6.7
Denver—Boulder	898.6	909.7	910.9	46.1	52.5	51.7	5.1	5.8	5.7
CONNECTICUT	1,575.8	1,599.9	1,605.6	99.8	122.0	113.5	6.3	7.6	7.1
Bridgeport	189.1	192.8	194.5	11.2	14.1	13.6	5.9	7.3	7.0
Hartford	382.6	389.3	391.8	22.0	28.1	26.0	5.7	7.2	6.6
New Britain	74.5	75.0	74.9	4.7	7.4	6.5	6.4	9.8	8.6
New Haven—West Haven	198.9	199.3	200.7	14.0	15.3	14.6	7.0	7.7	7.3
Stamford	120.4	122.8	123.7	4.7	5.3	4.9	3.9	4.3	4.0
Waterbury	105.9	107.9	109.1	8.6	9.8	10.0	8.1	9.1	9.2
DELAWARE	281.2	288.9	295.1	22.6	29.2	24.3	8.0	10.1	8.2
Wilmington[4]	252.0	256.3	261.0	19.6	27.0	21.6	7.8	10.5	8.3
DISTRICT OF COLUMBIA	312.3	308.1	308.7	26.9	31.1	32.5	8.6	10.1	10.5
Washington SMSA[5]	1,674.2	1,672.8	1,686.5	81.0	102.5	102.8	4.8	6.1	6.1
FLORIDA[1]	4,411.6	4,358.2	4,398.0	284.5	321.7	395.2	6.4	7.4	8.9
Bradenton	65.3	71.6	73.0	3.9	4.3	5.9	6.0	6.0	8.1
Daytona Beach	107.9	110.7	111.5	7.2	7.9	9.5	6.7	7.1	8.5
Fort Lauderdale—Hollywood	478.4	482.3	487.3	23.8	30.1	36.8	5.0	6.2	7.5
Fort Myers—Cape Coral	94.0	97.0	97.9	5.7	7.4	8.9	6.1	7.7	9.1
Gainsville	74.6	79.8	80.1	3.2	3.3	4.0	4.3	4.2	5.0
Jacksonville	327.5	340.2	343.5	20.8	22.6	28.8	6.3	6.6	8.4
Lakeland—Winter Haven	146.0	150.7	151.8	12.7	15.7	19.8	8.7	10.4	13.0
Melbourne—Titusville—Cocoa	118.0	121.9	123.1	9.5	9.1	11.0	8.1	7.4	9.0
Miami	804.3	818.7	823.4	54.1	57.8	70.5	6.7	7.1	8.6
Orlando	354.2	370.1	371.5	22.2	24.3	28.5	6.3	6.6	7.7
Panama City	41.6	43.0	43.4	4.3	4.6	5.1	10.2	10.7	11.8
Pensacola	116.9	121.2	121.8	6.6	8.4	9.7	5.7	6.9	7.9
Sarasota	77.7	81.3	82.1	3.9	5.5	6.5	5.0	6.7	8.0
Tallahassee	84.0	84.2	84.0	3.4	3.6	4.3	4.1	4.3	5.1
Tampa—St. Petersburg	681.2	712.1	720.7	40.6	46.9	57.0	6.0	6.6	7.9
West Palm Beach—Boca Raton	267.5	280.9	283.4	15.3	18.5	23.9	5.7	6.6	8.4

See footnotes at end of table.

STATE AND AREA UNEMPLOYMENT DATA

D-1. Labor force and unemployment by State and selected metropolitan areas—Continued

(Numbers in thousands)

State and area	Labor force			Unemployment					
				Number			Percent of labor force		
	MAR. 1981	FEB. 1982	MAR. 1982P	MAR. 1981	FEB. 1982	MAR. 1982P	MAR. 1981	FEB. 1982	MAR. 1982P
GEORGIA	2,577.6	2,609.8	2,625.5	156.5	212.6	201.3	6.1	8.1	7.7
Albany	52.5	54.3	54.7	4.1	4.8	4.6	7.8	8.9	8.5
Atlanta	1,061.9	1,082.2	1,088.4	54.2	73.6	68.6	5.1	6.8	6.3
Augusta	130.5	132.8	134.6	9.2	11.1	11.6	7.1	8.4	8.7
Columbus[1]	88.7	88.2	88.5	6.9	9.6	10.8	7.8	10.8	12.2
Macon	105.3	108.0	108.1	6.4	8.1	7.2	6.1	7.5	6.6
Savannah	94.3	98.8	99.7	5.8	7.3	6.9	6.2	7.4	7.0
HAWAII	448.2	450.2	451.4	22.4	24.9	26.2	5.0	5.5	5.8
Honolulu	346.8	347.1	348.0	16.2	17.5	18.7	4.7	5.0	5.4
IDAHO	419.5	423.4	425.8	34.6	50.9	46.0	8.2	12.0	10.8
Boise City	89.5	89.6	90.2	5.9	7.5	6.9	6.6	8.4	7.6
ILLINOIS[2]	5,521.2	5,551.4	5,530.9	515.4	561.1	565.4	9.3	10.1	10.2
Bloomington—Normal	61.7	61.9	62.4	4.3	4.9	5.5	7.0	7.9	8.8
Champaign—Urbana—Rantoul	85.0	85.7	85.1	5.6	5.4	5.5	6.6	6.3	6.5
Chicago	3,456.8	3,493.4	3,471.0	299.9	324.9	329.9	8.7	9.3	9.5
Davenport—Rock Island—Moline[1]	185.3	191.9	194.2	14.9	22.1	25.4	8.0	11.5	13.1
Decatur	61.2	63.0	63.2	7.2	8.1	8.5	11.8	12.8	13.4
Kankakee	40.9	42.2	42.5	5.1	6.8	6.8	12.6	16.2	16.1
Peoria	174.3	173.3	173.5	19.0	18.6	19.0	10.9	10.7	10.9
Rockford	134.2	136.3	134.5	15.0	20.9	17.4	11.2	15.3	13.0
Springfield	96.0	97.8	97.4	6.9	7.5	7.0	7.2	7.7	7.2
INDIANA	2,608.6	2,576.4	2,581.2	268.5	342.5	333.8	10.3	13.3	12.9
Anderson	56.6	57.0	56.2	7.2	12.8	11.7	12.7	22.5	20.9
Elkhart	67.2	65.2	65.1	7.1	8.1	7.3	10.5	12.4	11.2
Evansville[1]	146.7	146.2	146.0	12.3	16.9	15.4	8.4	11.6	10.6
Fort Wayne	193.0	188.1	187.9	21.2	24.7	24.1	11.0	13.1	12.8
Gary—Hammond—East Chicago	295.7	288.1	289.1	33.4	41.3	41.7	11.3	14.3	14.4
Indianapolis	604.6	598.5	601.9	49.1	61.2	60.9	8.1	10.2	10.1
Lafayette—West Lafayette	63.3	63.8	63.0	4.6	5.6	5.3	7.2	8.8	8.4
Muncie	58.1	58.6	58.0	6.9	10.8	9.8	11.9	18.5	17.0
South Bend	138.4	133.8	134.1	14.1	15.6	14.8	10.2	11.6	11.0
Terre Haute	81.5	77.9	77.0	8.6	10.9	10.0	10.6	14.1	13.0
IOWA	1,403.1	1,408.5	1,429.9	105.9	145.0	146.1	7.5	10.3	10.2
Cedar Rapids	88.2	87.4	87.1	7.8	9.8	8.9	8.9	11.2	10.2
Des Moines	183.1	184.5	184.0	12.7	17.4	15.4	6.9	9.4	8.4
Dubuque	45.2	45.1	45.5	5.5	6.7	6.6	12.2	14.8	14.5
Sioux City[1]	54.0	55.1	55.5	4.0	5.2	4.8	7.4	9.5	8.7
Waterloo—Cedar Falls	69.0	69.3	70.2	5.5	8.7	17.8	8.0	12.5	25.3
KANSAS	1,177.1	1,150.5	1,160.6	50.8	65.7	63.9	4.3	5.7	5.5
Lawrence	34.9	34.5	34.7	1.6	1.8	1.7	4.6	5.3	4.9
Topeka	95.1	93.5	93.5	5.3	6.5	6.0	5.6	7.0	6.4
Wichita	226.7	221.6	223.6	9.2	13.0	14.3	4.0	5.9	6.4
KENTUCKY	1,646.3	1,595.7	1,590.4	147.0	183.7	169.6	8.9	11.5	10.7
Lexington—Fayette	176.4	171.7	171.7	10.0	10.9	10.6	5.7	6.4	6.2
Louisville[1]	433.1	421.7	420.4	35.9	49.9	49.8	8.3	11.8	11.8
Owensboro	43.1	39.5	39.1	3.3	4.5	4.0	7.6	11.4	10.1
LOUISIANA	1,823.0	1,840.6	1,877.6	152.4	180.7	184.0	8.4	9.8	9.8
Alexandria	72.7	71.8	73.2	8.6	8.4	8.3	11.8	11.7	11.3
Baton Rouge	223.9	223.3	227.1	16.4	18.4	18.6	7.3	8.2	8.2
Lafayette	86.9	92.9	95.2	3.7	4.3	4.8	4.3	4.7	5.1
Lake Charles	80.1	80.2	82.0	6.8	9.9	11.0	8.5	12.3	13.4
Monroe	57.6	54.9	55.3	6.4	6.9	6.7	11.0	12.5	12.1
New Orleans	510.6	507.2	514.8	38.5	45.6	46.6	7.5	9.0	9.0
Shreveport	161.8	161.8	164.7	13.8	14.8	14.3	8.5	9.2	8.7
MAINE	493.7	497.5	508.3	39.6	44.1	47.3	8.0	8.9	9.3
Lewiston—Auburn	38.7	37.8	38.8	3.3	3.6	3.9	8.6	9.6	10.2
Portland	90.7	93.4	95.3	5.7	6.1	6.2	6.2	6.5	6.5
MARYLAND	2,153.1	2,152.2	2,174.8	154.1	208.6	206.1	7.2	9.7	9.5
Baltimore	1,077.2	1,080.6	1,090.4	86.5	117.2	117.7	8.0	10.8	10.8

See footnotes at end of table.

D-1. Labor force and unemployment by State and selected metropolitan areas—Continued

(Numbers in thousands)

State and area	Labor force			Unemployment					
				Number			Percent of labor force		
	MAR. 1981	FEB. 1982	MAR. 1982P	MAR. 1981	FEB. 1982	MAR. 1982P	MAR. 1981	FEB. 1982	MAR. 1982P
MASSACHUSETTS[2]	2,918.8	2,960.3	2,976.5	178.0	246.7	226.5	6.1	8.3	7.6
Boston	1,422.3	N.A.	1,444.4	75.7	N.A.	93.8	5.3	N.A.	6.5
Brockton	82.7	N.A.	82.2	6.1	N.A.	7.4	7.4	N.A.	9.0
Fall River[3]	74.0	N.A.	75.6	6.3	N.A.	9.1	8.6	N.A.	12.0
Lawrence—Haverhill[3]	146.1	N.A.	146.9	8.5	N.A.	11.6	5.8	N.A.	7.9
Lowell	127.1	N.A.	130.8	7.4	N.A.	8.7	5.8	N.A.	6.6
New Bedford	86.0	N.A.	84.7	7.6	N.A.	10.8	8.9	N.A.	12.7
Springfield—Chicopee—Holyoke	277.0	N.A.	293.7	16.8	N.A.	22.3	6.1	N.A.	7.6
Worcester	197.6	N.A.	201.6	10.7	N.A.	14.6	5.4	N.A.	7.2
MICHIGAN[2]	4,206.4	4,240.3	4,251.5	552.9	684.3	724.6	13.1	16.1	17.0
Ann Arbor	142.4	142.3	141.8	11.6	15.2	16.2	8.2	10.7	11.4
Battle Creek	77.9	79.5	80.2	9.7	12.2	12.7	12.4	15.3	15.9
Bay City	52.5	55.3	55.5	7.7	10.0	10.6	14.6	18.0	19.2
Detroit	1,955.8	1,949.7	1,960.3	261.7	321.6	339.1	13.4	16.5	17.3
Flint	226.8	228.9	229.0	37.8	52.2	53.9	16.7	22.8	23.5
Grand Rapids	310.5	323.2	324.9	28.6	40.9	44.4	9.2	12.7	13.7
Jackson	65.0	66.0	66.7	7.9	9.6	11.2	12.1	14.6	16.8
Kalamazoo—Portage	135.5	137.7	137.6	12.8	15.4	16.8	9.4	11.2	12.2
Lansing—East Lansing	238.2	245.5	241.1	27.3	34.3	32.7	11.5	14.0	13.6
Muskegon—Norton Shores—Muskegon Heights	75.6	76.6	77.7	11.3	12.0	13.9	14.9	15.6	17.9
Saginaw	99.5	103.8	103.7	11.6	20.5	21.4	11.7	19.8	20.6
MINNESOTA	2,101.1	2,080.7	2,099.9	138.8	161.2	162.3	6.6	7.7	7.7
Duluth—Superior[3]	113.8	110.4	111.1	10.5	13.7	14.9	9.2	12.4	13.5
Minneapolis—St. Paul	1,138.2	1,134.	1,144.9	57.3	67.0	68.7	5.0	5.9	6.0
Rochester	55.5	55.5	56.3	2.8	3.3	3.4	5.0	6.0	6.0
St. Cloud	74.3	73.0	74.0	6.5	7.6	7.5	8.7	10.4	10.2
MISSISSIPPI	1,049.1	1,061.8	1,074.2	91.5	108.6	103.5	8.7	10.2	9.6
Jackson	157.6	161.2	162.7	9.4	10.5	10.5	6.0	6.5	6.4
MISSOURI	2,294.6	2,262.6	2,300.2	186.3	231.0	211.9	8.1	10.2	9.2
Kansas City[3]	680.4	662.2	673.0	44.6	56.7	57.4	6.6	8.6	8.5
St. Joseph	45.9	43.6	44.2	4.4	5.0	5.0	9.6	11.5	11.3
St. Louis[3]	1,110.6	1,093.4	1,100.0	100.8	113.0	101.7	9.1	10.4	9.2
Springfield	106.6	104.4	106.6	7.0	7.7	7.5	6.6	7.4	7.0
MONTANA	367.7	387.1	389.8	28.3	41.3	40.5	7.7	10.7	10.4
Billings	56.0	60.0	61.6	3.3	3.9	3.8	5.8	6.5	6.2
Great Falls	32.9	36.3	36.4	2.9	3.4	3.2	8.9	9.4	8.7
NEBRASKA	753.9	759.9	774.9	34.5	47.3	48.7	4.6	6.2	6.3
Lincoln	110.1	110.8	112.1	4.6	5.7	5.9	4.1	5.1	5.3
Omaha[3]	276.5	282.4	284.7	16.6	20.6	21.0	6.0	7.3	7.4
NEVADA	452.6	479.0	483.3	35.0	40.1	40.1	7.7	8.4	8.3
Las Vegas	254.4	269.1	270.8	22.3	23.6	23.7	8.8	8.8	8.8
Reno	123.9	132.0	133.3	7.4	9.1	9.2	6.0	6.9	6.9
NEW HAMPSHIRE	472.6	478.8	480.9	26.0	37.8	37.0	5.5	7.9	7.7
Manchester	82.9	84.2	84.3	5.1	7.2	6.9	6.1	8.5	8.1
Nashua	80.4	82.5	83.4	3.7	6.0	5.9	4.7	7.3	7.1
NEW JERSEY	3,596.8	3,506.3	3,589.7	310.5	326.6	330.6	8.6	9.3	9.2
Atlantic City	112.4	113.6	117.2	10.9	13.7	13.5	9.7	12.0	11.5
Jersey City	248.9	242.9	248.5	31.7	33.3	34.0	12.7	13.7	13.7
Long Branch—Asbury Park	238.1	237.4	241.6	20.6	22.4	21.3	8.7	9.4	8.8
New Brunswick—Perth Amboy—Sayreville	333.7	323.5	331.6	22.4	25.3	25.1	6.7	7.8	7.5
Newark	974.5	950.5	971.6	81.1	80.6	85.0	8.3	8.5	8.8
Paterson—Clifton—Passaic	212.8	204.9	210.4	22.7	22.7	23.4	10.7	11.1	11.4
Trenton	160.3	156.1	159.9	10.8	12.9	13.3	6.7	8.3	8.3
Vineland—Millville—Bridgeton	59.8	59.0	60.6	8.8	10.1	10.7	14.7	17.1	17.7
NEW MEXICO	568.1	570.1	572.5	44.5	43.0	44.2	7.8	7.5	7.7
Albuquerque	211.2	208.2	209.2	16.6	15.3	15.3	7.9	7.3	7.3
Las Cruses	34.9	36.2	37.1	2.9	2.6	3.2	8.2	7.3	8.6

See footnotes at end of table

STATE AND AREA UNEMPLOYMENT DATA

D-1. Labor force and unemployment by State and selected metropolitan areas—Continupd

(Numbers in thousands)

State and area	Labor force			Unemployment					
				Number			Percent of labor force		
	MAR. 1981	FEB. 1982	MAR. 1982P	MAR. 1981	FEB. 1982	MAR. 1982P	MAR. 1981	FEB. 1982	MAR. 1982P
NEW YORK[2]	8,031.7	8,036.1	8,058.4	682.4	722.2	692.2	8.5	9.0	8.6
Albany—Schenectady—Troy	383.9	385.0	383.0	25.1	29.5	26.0	6.5	7.7	6.8
Binghamton[1]	139.6	144.8	144.0	9.9	11.0	10.8	7.1	7.6	7.5
Buffalo	569.2	581.1	567.8	54.6	83.5	69.7	9.6	14.4	12.3
Elmira	39.9	40.2	39.5	3.5	4.3	3.8	8.8	10.6	9.7
Nassau-Suffolk	1,315.9	1,321.0	1,319.4	77.7	88.5	74.3	5.9	6.7	5.6
New York	3,667.2	3,610.8	3,669.9	352.3	311.9	337.3	9.6	8.6	9.2
New York City[1]	3,052.0	2,983.0	3,045.0	322.0	275.0	308.0	10.6	9.2	10.1
Poughkeepsie	110.6	115.1	114.1	6.9	7.7	6.7	6.3	6.7	5.9
Rochester	473.8	491.7	486.6	29.5	42.0	36.3	6.2	8.5	7.5
Syracuse	303.5	307.4	301.6	23.1	28.4	23.5	7.6	9.3	7.8
Utica—Rome	136.2	138.1	137.5	11.7	13.2	12.2	8.6	9.6	8.9
NORTH CAROLINA	2,892.5	2,918.8	2,946.2	199.9	271.0	285.4	6.9	9.3	9.7
Asheville	87.9	88.8	88.9	6.9	8.6	8.2	7.8	9.7	9.2
Charlotte—Gastonia	369.9	372.6	375.4	17.8	23.6	24.8	4.8	6.3	6.6
Greensboro—Winston-Salem—High Point	440.8	450.3	454.4	24.0	35.9	39.4	5.4	8.0	8.7
Raleigh—Durham	311.3	313.8	316.9	11.3	14.6	15.0	3.6	4.7	4.7
NORTH DAKOTA	296.8	296.1	308.7	19.4	17.0	16.3	6.5	5.7	5.3
Fargo—Moorehead[1]	69.5	71.4	72.5	5.0	3.9	4.2	7.3	5.4	5.7
OHIO[2]	5,038.5	4,966.9	5,013.8	471.0	605.8	615.6	9.3	12.2	12.3
Akron	298.2	295.5	296.8	27.0	35.1	35.3	9.1	11.9	11.9
Canton	186.1	184.6	187.4	17.9	23.6	25.5	9.6	12.8	13.6
Cincinnati[1]	672.8	657.0	664.4	56.2	71.4	73.0	8.4	10.9	11.0
Cleveland	924.2	892.2	905.4	77.1	83.0	92.6	8.3	9.3	10.2
Columbus	557.2	547.5	554.0	41.3	49.4	51.4	7.4	9.0	9.3
Dayton	387.2	383.4	387.1	30.2	41.7	45.3	7.8	10.9	11.7
Toledo	363.5	355.7	359.7	39.9	45.7	47.7	11.0	12.8	13.3
Youngstown—Warren	231.8	232.8	231.7	27.7	45.6	41.2	11.9	19.6	17.8
OKLAHOMA	1,415.9	1,453.3	1,471.2	50.7	71.1	69.9	3.6	4.9	4.8
Enid	29.6	29.8	29.7	.7	1.3	1.0	2.4	4.3	3.4
Lawton	34.2	34.2	34.5	1.6	1.5	1.5	4.7	4.5	4.2
Oklahoma City	435.1	450.9	457.5	14.1	21.3	21.2	3.2	4.7	4.6
Tulsa	349.6	361.4	366.1	11.7	16.9	17.1	3.4	4.7	4.7
OREGON	1,321.7	1,306.0	1,310.9	133.7	162.8	161.0	10.1	12.5	12.3
Eugene—Springfield	138.1	136.0	135.1	15.8	18.7	18.0	11.5	13.8	13.3
Portland[1]	650.9	649.1	651.1	50.5	66.5	67.0	7.8	10.2	10.3
Salem	122.4	122.0	123.1	11.0	13.7	13.5	9.0	11.2	11.0
PENNSYLVANIA[2]	5,474.1	5,447.7	5,399.5	432.1	597.8	572.5	7.9	11.0	10.6
Allentown—Bethlehem—Easton[1]	314.1	309.0	306.9	26.2	34.7	32.1	8.4	11.2	10.5
Altoona	58.3	56.7	56.9	6.9	7.9	7.8	11.8	14.0	13.7
Erie	125.6	124.2	122.5	12.1	15.4	14.5	9.6	12.4	11.9
Harrisburg	235.1	237.0	234.1	13.5	18.0	15.8	5.8	7.6	6.8
Johnstown	107.9	106.2	104.6	13.6	17.5	16.4	12.6	16.4	15.7
Lancaster	183.1	182.7	182.4	9.8	14.6	14.5	5.4	8.0	7.9
Northeast Pennsylvania	290.1	286.2	284.8	28.6	34.3	33.6	9.8	12.0	11.8
Philadelphia[1]	2,190.5	2,158.7	2,162.4	153.1	199.2	194.5	7.0	9.2	9.0
Pittsburgh	1,037.5	1,024.2	1,012.0	74.2	108.7	104.6	7.1	10.6	10.3
Reading	158.8	159.7	158.4	12.4	16.4	16.5	7.8	10.3	10.4
Williamsport	53.8	53.4	53.0	6.4	7.1	7.0	11.9	13.3	13.2
York	178.7	179.7	177.6	13.2	19.0	17.9	7.4	10.6	10.1
RHODE ISLAND	472.6	475.9	473.5	38.2	48.8	48.6	8.1	10.2	10.3
Providence—Warwick—Pawtucket[1]	468.1	N.A.	468.3	37.5	N.A.	47.9	8.0	N.A.	10.2
SOUTH CAROLINA	1,403.1	1,424.3	1,452.0	117.7	160.7	158.9	8.4	11.3	10.9
Charleston—North Charleston	168.8	170.7	175.8	12.5	15.6	15.7	7.4	9.2	8.9
Columbia	188.3	189.2	192.3	11.4	14.6	13.7	6.0	7.7	7.1
Greenville—Spartanburg	283.7	287.3	292.3	20.6	27.0	27.8	7.3	9.4	9.5
SOUTH DAKOTA	323.5	313.9	320.1	18.9	18.3	18.1	5.8	5.8	5.6
Sioux Falls	N.A.	63.0	63.0	N.A.	3.4	3.2	N.A.	5.3	5.1
TENNESSEE	2,106.0	2,101.7	2,090.9	200.3	258.7	250.1	9.5	12.3	12.0
Chattanooga[1]	200.6	202.6	202.7	17.8	23.7	23.6	8.9	11.7	11.7
Knoxville	228.0	228.3	232.2	17.5	18.9	20.8	7.7	8.3	9.0
Memphis[1]	408.0	404.7	400.9	32.9	39.2	38.6	8.1	9.7	9.6
Nashville—Davidson	429.2	424.7	422.5	30.7	38.6	37.5	7.2	9.1	8.9

See footnotes at end of table.

STATE AND AREA UNEMPLOYMENT DATA

D-1. Labor force and unemployment by State and selected metropolitan areas—Continued

(Numbers in thousands)

State and area	Labor force			Unemployment					
				Number			Percent of labor force		
	MAR. 1981	FEB. 1982	MAR. 1982P	MAR. 1981	FEB. 1982	MAR. 1982P	MAR. 1981	FEB. 1982	MAR. 1982P
TEXAS[2]	6,964.1	7,223.2	7,287.6	331.1	420.6	412.6	4.8	5.8	5.7
Dallas—Fort Worth	1,629.5	1,695.5	1,717.9	67.7	86.5	88.5	4.2	5.1	5.2
Houston	1,636.8	1,718.2	1,742.9	59.6	80.8	86.0	3.6	4.7	4.9
San Antonio	453.8	486.7	465.6	27.5	32.7	28.6	6.1	7.0	6.1
UTAH	638.6	664.4	664.1	46.2	60.9	54.1	7.2	9.2	8.1
Salt Lake City—Ogden	419.8	435.3	434.4	30.0	37.2	33.4	7.1	8.5	7.7
VERMONT	258.4	260.3	261.6	16.5	22.6	22.4	6.4	8.7	8.6
VIRGINIA	2,572.5	2,615.5	2,631.6	161.4	212.9	211.1	6.3	8.1	8.0
Lynchburg	74.7	75.2	75.4	4.3	5.3	5.5	5.7	7.0	7.4
Newport News—Hampton	162.7	165.3	166.6	10.5	12.3	12.1	6.4	7.4	7.3
Norfolk—Virginia Beach—Portsmouth[1]	327.3	335.4	337.0	21.7	25.0	25.1	6.6	7.5	7.4
Petersburg—Colonial Heights—Hopewell	57.8	60.0	60.0	4.6	6.4	6.1	7.9	10.7	10.1
Richmond	330.6	337.5	340.1	13.9	19.4	20.2	4.2	5.8	5.9
Roanoke	110.0	110.8	110.9	6.4	9.1	8.4	5.8	8.2	7.6
WASHINGTON	1,987.9	1,971.2	1,989.7	187.6	253.7	253.9	9.4	12.9	12.8
Seattle—Everett	871.7	862.8	866.8	67.2	89.6	92.2	7.7	10.4	10.6
Spokane	150.9	149.9	150.5	15.4	20.6	20.2	10.2	13.7	13.4
Tacoma	178.3	180.6	182.7	17.3	22.3	22.5	9.7	12.3	12.3
WEST VIRGINIA	787.3	770.3	763.4	89.3	95.2	86.6	11.3	12.4	11.3
Charleston	126.6	124.3	123.2	12.2	11.8	10.6	9.6	9.5	8.6
Huntington—Ashland[1]	127.3	124.2	123.3	14.7	15.4	14.8	11.5	12.4	12.0
Parkersburg—Marietta[1]	73.5	73.0	73.2	7.4	8.9	9.0	10.1	12.2	12.3
Wheeling[1]	81.9	82.2	81.8	8.6	10.8	10.0	10.5	13.2	12.3
WISCONSIN	2,357.0	2,335.9	2,356.3	223.0	226.9	235.5	9.5	9.7	10.0
Appleton—Oshkosh	146.8	146.5	147.1	13.3	14.6	14.1	9.1	10.0	9.6
Eau Claire	57.8	58.6	58.9	5.1	5.5	5.6	8.8	9.4	9.6
Green Bay	89.0	88.5	89.1	8.2	8.0	8.1	9.2	9.1	9.1
Janeville—Beloit	68.2	70.0	72.0	11.0	12.4	13.5	16.1	17.7	18.8
Kenosha	58.2	56.3	56.6	10.1	6.3	6.5	17.3	11.1	11.5
La Crosse	48.0	49.0	49.4	4.2	4.2	4.3	8.7	8.6	8.8
Madison	181.2	183.2	184.4	11.2	12.5	12.8	6.2	6.8	6.9
Milwaukee	716.6	702.7	710.1	57.9	56.1	61.6	8.1	8.0	8.7
Racine	87.6	82.9	83.7	9.8	9.3	9.8	11.2	11.2	11.7
WYOMING	240.6	246.7	253.7	11.3	11.9	12.3	4.7	4.8	4.9

[1] Includes interstate portion of area located in adjacent State.

[2] Data are obtained directly from the Current Population Survey. (See "Explanatory Notes" for State and Area Unemployment Data in Employment and Earnings, monthly.)

NOTE: Estimates for 1981 have been benchmarked to 1981 Current Population Survey annual averages. Except in the 10 States and 2 areas designated by footnote 2, estimates for 1982 are provisional and will be revised when new benchmark information becomes available. Data refer to place of residence.

p = preliminary.
N.A. = not available.

SOURCE: Current Population Survey and Cooperating State Employment Security Agencies listed on inside back cover.

Labor force and unemployment estimates for counties, cities, and other small areas have been prepared for administration of various Federal economic assistance programs and may be ordered from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. The report "Employment and Unemployment in States and Local Areas" is published monthly through GPO and is available on microfiche only on a subscription basis.

ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT

1. Employees on nonagricultural payrolls for States and selected areas by industry division

(In thousands)

	State and areas	Total			Mining			Construction			Manufacturing		
		AVG. 1979	AVG. 1980	AVG. 1981	AVG. 1979	AVG. 1980	AVG. 1981	AVG. 1979	AVG. 1980	AVG. 1981	AVG. 1979	AVG. 1980	AVG. 1981
1	**ALABAMA**	1,362.0	1,358.3	1,349.8	16.7	16.9	15.4	75.4	72.1	66.2	374.9	362.3	352.2
2	Birmingham	358.9	351.4	343.1	9.9	9.6	8.0	21.7	20.2	19.0	70.3	64.4	59.8
3	Huntsville	120.0	119.5	122.1	(1)	(1)	(1)	4.5	4.1	3.9	36.7	36.0	36.5
4	Mobile	148.3	151.3	153.4	(1)	(1)	(1)	10.7	11.6	11.1	29.8	28.8	31.0
5	Montgomery	108.0	108.2	106.8	(1)	(1)	(1)	8.6	7.6	6.0	16.2	16.4	16.5
6	Tuscaloosa	50.2	50.2	50.8	1.4	2.2	2.3	2.8	2.4	2.5	9.3	8.5	8.1
7	**ALASKA** [2]	166.9	169.4	177.3	5.8	6.5	7.7	10.1	10.3	12.1	12.7	13.4	13.0
8	**ARIZONA**	979.9	1,014.0	1,039.4	21.8	21.0	25.0	86.5	76.5	70.0	144.1	154.4	159.6
9	Phoenix	613.4	636.2	655.2	.3	.4	.4	56.5	50.6	47.8	106.6	114.0	116.6
10	Tucson	176.6	184.6	189.5	6.7	6.7	7.7	16.0	14.5	12.7	18.2	21.3	23.8
11	**ARKANSAS**	749.4	742.3	740.4	4.8	5.2	5.9	41.9	37.6	34.3	217.8	209.1	210.3
12	Fayetteville—Springdale	64.0	64.0	65.8	(1)	(1)	(1)	3.2	2.9	2.7	19.7	18.9	20.2
13	Fort Smith	68.3	68.4	69.5	.9	1.0	1.1	3.1	2.9	2.7	23.8	21.6	22.5
14	Little Rock—North Little Rock	181.5	180.8	179.2	(1)	(1)	(1)	9.9	9.5	8.8	31.9	30.7	29.6
15	Pine Bluff	32.7	32.8	31.5	(1)	(1)	(1)	3.0	3.1	2.0	6.2	6.2	6.3
16	**CALIFORNIA**	9,664.6	9,852.4	10,040.0	39.3	43.5	48.0	463.3	444.8	432.9	2,002.7	2,007.8	2,018.8
17	Anaheim—Santa Ana—Garden Grove	804.3	836.4	866.4	2.2	2.3	2.7	51.4	50.0	49.8	216.0	220.5	223.9
18	Bakersfield	125.7	130.2	136.0	10.7	11.9	14.0	7.2	7.3	7.0	9.4	9.3	10.1
19	Fresno	179.9	183.0	182.4	.9	1.0	1.0	12.4	11.2	9.9	23.5	23.4	23.1
20	Los Angeles—Long Beach	3,584.5	3,612.0	3,653.0	12.0	13.0	14.3	119.8	122.4	122.5	924.9	912.1	914.0
21	Modesto	87.2	87.6	89.3	.1	.1	.1	6.5	5.9	5.3	20.1	19.2	19.6
22	Oxnard—Simi Valley—Ventura	147.2	153.1	158.8	2.5	2.6	2.9	8.7	7.8	7.3	23.3	24.2	25.4
23	Riverside—San Bernardino—Ontario	430.2	433.7	440.0	2.6	2.3	2.2	29.6	26.1	23.9	67.2	63.6	64.0
24	Sacramento	393.4	398.6	406.2	.4	.6	.7	23.6	19.8	17.7	27.8	27.3	27.7
25	Salinas—Seaside—Monterey	86.8	88.3	89.9	.5	.4	.4	3.6	3.3	3.3	9.8	8.9	8.7
26	San Diego	636.7	650.2	662.8	.7	.6	.6	41.7	36.0	35.1	102.2	108.1	108.3
27	San Francisco—Oakland	1,522.5	1,562.6	1,581.5	2.5	3.4	4.0	74.8	75.1	75.3	204.9	202.3	200.2
28	San Jose	636.8	675.4	691.1	.2	.2	.1	26.2	26.1	24.4	224.9	243.0	247.2
29	Santa Barbara—Santa Maria—Lompoc	118.6	120.6	123.6	1.2	1.5	1.6	5.2	5.0	4.9	16.8	16.8	17.3
30	Santa Rosa	89.1	93.2	95.4	.4	.5	.5	6.3	5.7	5.5	14.3	15.0	15.3
31	Stockton	118.4	118.6	122.2	.1	.1	.1	6.3	5.9	5.8	21.6	21.0	22.3
32	Vallejo—Fairfield—Napa	97.6	99.3	101.6	.4	.5	.5	5.2	5.0	5.1	10.7	10.5	11.0
33	**COLORADO**	1,218.0	1,251.1	1,280.3	30.8	36.2	42.3	80.0	77.0	72.7	180.6	180.4	184.4
34	Denver—Boulder	777.4	799.3	820.1	16.4	20.1	25.6	48.5	46.2	42.5	124.0	124.3	128.1
35	**CONNECTICUT**	1,397.7	1,426.8	1,436.6	(3)	(3)	(3)	52.3	50.2	50.8	436.3	440.8	457.2
36	Bridgeport	166.4	169.7	169.8	(3)	(3)	(3)	5.1	4.4	4.4	65.2	65.0	64.9
37	Hartford	385.1	396.2	398.0	(3)	(3)	(3)	13.0	12.4	12.0	95.9	100.4	96.8
38	New Britain	62.9	64.7	63.1	(3)	(3)	(3)	2.2	2.2	2.2	29.2	30.2	29.2
39	New Haven—West Haven	192.0	190.6	189.0	(3)	(3)	(3)	7.1	7.0	6.3	44.8	43.9	42.0
40	Stamford	106.9	110.5	112.3	(3)	(3)	(3)	5.1	5.6	5.7	31.2	32.1	32.2
41	Waterbury	88.5	87.8	87.7	(3)	(3)	(3)	3.1	2.8	2.7	34.5	32.7	31.9
42	**DELAWARE**	256.7	259.2	258.6	(1)	(1)	(1)	15.6	14.7	13.4	70.2	70.9	70.9
43	Wilmington	228.8	228.6	228.1	(1)	(1)	(1)	16.1	14.9	13.8	64.7	64.5	64.7
44	**DISTRICT OF COLUMBIA**	612.5	616.1	612.1	(1)	(1)	(1)	14.3	13.2	11.8	15.3	15.4	14.7
45	Washington SMSA	1,555.5	1,592.5	1,602.3	(1)	(1)	(1)	85.9	81.7	76.3	56.0	58.2	58.5
46	**FLORIDA**	3,381.2	3,576.2	3,721.7	10.1	11.0	11.2	241.4	263.9	282.5	443.6	456.4	456.5
47	Bradenton	41.9	43.8	46.3	–	–	–	3.8	4.1	4.3	7.0	7.5	7.4
48	Daytona Beach	74.4	77.7	80.4	(1)	(1)	(1)	4.5	4.9	5.2	8.1	8.3	8.6
49	Fort Lauderdale—Hollywood	328.7	349.3	362.0	(1)	(1)	(1)	28.5	32.2	30.7	39.9	41.3	41.4
50	Fort Myers—Cape Coral	61.4	66.6	71.4	(1)	(1)	(1)	7.9	8.5	8.9	3.8	3.7	3.8
51	Gainesville	63.5	67.1	68.6	(1)	(1)	(1)	3.2	3.5	3.4	4.1	4.2	4.4
52	Jacksonville	286.8	293.8	299.9	(1)	(1)	(1)	15.7	16.4	18.0	34.5	33.9	34.1
53	Lakeland—Winter Haven	112.7	119.0	123.1	5.6	6.0	6.0	8.2	8.7	10.1	21.0	22.3	23.2
54	Melbourne—Titusville—Cocoa	97.5	102.2	106.4	(1)	(1)	(1)	6.4	6.3	6.6	20.4	22.8	23.7
55	Miami	689.6	730.5	745.7	(1)	(1)	(1)	34.8	39.6	40.3	98.6	99.7	99.3
56	Orlando	271.7	288.0	299.9	(1)	(1)	(1)	18.0	19.9	21.3	34.9	36.7	38.3
57	Panama City	32.5	33.3	34.4	(1)	(1)	(1)	2.1	2.1	2.2	3.4	3.6	3.6
58	Pensacola	96.1	98.0	99.5	(1)	(1)	(1)	6.6	7.4	7.2	13.2	12.8	12.6
59	Sarasota	68.5	70.8	73.0	(1)	(1)	(1)	7.7	7.5	7.5	6.1	6.2	6.3
60	Tallahassee	71.2	74.7	76.3	(1)	(1)	(1)	3.6	3.6	3.6	2.7	2.9	2.9
61	Tampa—St. Petersburg	521.2	548.9	570.4	(1)	(1)	(1)	37.7	40.7	42.4	73.0	76.5	79.2
62	West Palm Beach—Boca Raton	193.6	208.3	221.0	(1)	(1)	(1)	18.7	20.6	20.8	26.6	28.6	28.7

See footnotes at end of table.

1. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

TRANSPORTATION AND PUBLIC UTILITIES			WHOLESALE AND RETAIL TRADE			FINANCE, INSURANCE, AND REAL ESTATE			SERVICES			GOVERNMENT			
AVG. 1979	AVG. 1980	AVG. 1981	AVG. 1979	AVG. 1980	AVG. 1981	AVG. 1979	AVG. 1980	AVG. 1981	AVG. 1979	AVG. 1980	AVG. 1981	AVG. 1979	AVG. 1980	AVG. 1981	
71.7	71.5	71.7	275.5	273.3	271.4	58.3	58.6	59.3	197.8	204.4	210.9	291.6	299.5	292.7	1
28.7	29.0	29.5	85.2	82.8	81.3	22.7	22.8	23.0	64.6	66.7	68.9	54.9	55.9	53.6	2
2.7	2.6	2.7	22.0	21.4	21.8	3.4	3.5	3.6	17.0	17.6	18.7	33.7	34.3	34.9	3
10.9	10.8	10.4	36.3	37.0	36.8	7.0	7.0	7.3	27.8	29.0	29.8	25.8	27.1	27.0	4
4.8	4.8	4.5	24.0	23.7	23.5	6.1	6.2	6.3	19.4	20.3	20.8	28.9	29.2	29.2	5
1.9	1.8	1.8	9.8	9.6	10.0	1.7	1.7	1.7	6.0	6.3	6.5	17.3	17.7	17.9	6
16.7	17.0	17.9	29.4	29.1	30.9	8.5	8.2	8.5	29.4	30.0	31.1	54.4	55.0	57.2	7
48.8	51.3	53.8	233.4	243.0	254.1	55.6	58.2	61.1	193.5	207.7	216.0	196.2	201.8	199.7	8
29.2	30.7	32.9	155.6	162.0	169.9	42.9	44.9	47.3	123.6	132.8	140.7	98.7	100.8	99.5	9
8.7	9.0	9.3	39.3	40.8	42.3	8.8	8.5	8.8	36.8	39.6	41.2	42.9	44.3	44.1	10
43.6	43.3	43.4	162.1	159.8	160.0	31.0	31.3	31.9	109.1	114.9	116.8	139.1	141.1	137.8	11
3.7	3.9	3.9	15.3	15.5	16.0	2.2	2.3	2.3	8.5	9.2	9.4	11.4	11.3	11.3	12
3.7	3.7	3.6	14.5	14.5	14.5	2.4	2.5	2.6	11.4	12.6	12.4	8.5	9.6	10.1	13
13.9	14.0	13.6	42.0	41.9	42.0	12.3	12.4	12.7	33.6	34.0	35.5	37.9	38.3	37.0	14
4.1	4.0	3.9	6.6	6.4	6.3	1.3	1.4	1.3	4.9	4.9	5.2	6.6	6.8	6.5	15
534.7	546.3	553.0	2,223.8	2,266.9	2,316.6	595.9	623.1	646.3	2,070.0	2,156.2	2,261.2	1,735.0	1,763.9	1,763.2	16
26.2	27.3	29.4	192.0	201.3	211.1	52.7	57.2	61.7	162.4	172.1	182.6	101.3	105.6	105.2	17
7.6	7.7	8.3	32.3	33.6	34.5	4.6	4.8	5.2	22.2	23.6	24.8	31.8	32.1	32.4	18
10.5	11.0	10.9	47.2	48.6	48.2	10.6	11.0	11.5	34.9	36.0	37.4	40.0	40.9	40.3	19
198.3	200.8	200.9	814.1	816.9	821.8	224.2	234.6	240.5	808.7	829.3	862.1	482.8	482.9	474.9	20
3.8	3.9	3.9	21.3	21.4	21.7	3.3	3.3	3.6	16.0	16.8	17.6	16.2	17.0	17.2	21
6.2	6.5	6.9	34.5	36.2	38.1	7.0	7.5	8.3	28.8	30.7	32.0	36.2	37.5	37.9	22
24.2	25.6	26.2	103.3	106.3	108.7	18.6	18.9	19.8	87.4	89.7	94.3	97.4	101.3	101.0	23
21.6	21.8	22.4	91.6	93.0	94.8	20.8	22.0	22.5	70.0	73.4	77.9	137.6	140.7	142.6	24
4.8	5.2	5.2	22.5	22.7	23.4	4.2	4.4	4.4	19.0	19.6	20.1	22.4	23.9	24.4	25
28.0	28.7	29.5	146.4	148.8	151.6	37.2	38.7	40.8	142.5	148.2	155.2	138.1	141.2	141.7	26
126.0	130.0	130.8	351.2	360.2	363.5	139.9	146.3	150.6	337.1	354.1	370.4	286.1	291.1	286.6	27
21.1	21.7	22.5	118.4	125.2	129.5	25.8	27.6	28.7	141.5	151.7	158.7	78.9	79.9	80.1	28
4.6	5.1	5.3	29.1	29.1	29.3	5.4	5.7	5.9	31.8	32.9	33.9	24.3	24.6	24.8	29
4.2	4.6	4.9	21.4	22.6	23.3	5.5	5.8	6.0	17.4	18.9	20.2	19.6	20.1	19.7	30
8.4	8.2	8.3	27.2	27.7	28.3	4.9	5.1	5.3	22.9	23.8	25.0	26.9	26.9	27.1	31
4.5	4.7	4.7	20.6	21.2	22.3	3.4	3.3	3.4	18.3	19.5	19.9	34.6	34.7	34.7	32
76.1	79.3	81.5	297.7	304.7	311.0	73.8	76.4	79.6	240.1	253.4	265.9	238.8	243.6	242.9	33
53.9	55.5	57.0	188.2	192.4	194.5	52.7	54.0	56.5	158.6	168.6	178.4	134.9	138.2	137.4	34
60.8	60.8	61.0	294.8	299.0	303.1	99.6	105.1	110.6	272.6	285.7	289.8	181.3	185.2	184.8	35
6.1	6.0	6.1	34.4	35.6	34.9	6.8	7.5	7.7	32.2	34.4	35.2	16.6	16.8	16.6	36
13.8	13.8	14.3	80.5	80.9	84.4	57.1	60.3	61.8	71.6	74.6	75.0	53.2	53.8	53.7	37
3.0	3.2	3.2	10.3	10.5	10.3	1.8	1.8	1.9	9.9	10.4	10.0	6.5	6.4	6.3	38
15.9	15.7	15.6	41.1	40.5	40.5	10.4	10.9	11.1	47.4	47.5	49.0	25.3	25.1	24.5	39
3.8	4.3	4.6	23.9	24.7	25.6	7.4	7.7	8.3	25.6	26.0	25.8	9.9	10.1	10.1	40
3.2	3.1	3.1	15.5	15.8	15.8	3.4	3.5	3.8	17.9	18.7	19.0	10.9	11.2	11.4	41
12.4	12.1	12.1	56.5	56.0	56.4	11.8	12.3	12.8	45.8	48.0	48.8	44.4	45.2	44.3	42
12.0	11.7	11.8	47.8	47.2	47.2	10.9	11.4	11.9	41.1	43.0	43.7	36.2	36.0	35.1	43
26.0	25.7	26.4	65.3	63.6	63.6	34.7	34.4	34.3	172.5	181.5	186.5	284.5	282.2	274.8	44
67.5	71.4	72.3	296.7	301.5	309.4	88.7	90.2	91.6	406.9	429.9	446.7	553.9	559.6	547.4	45
208.5	220.8	228.6	889.5	939.8	983.0	235.0	254.2	271.9	752.6	811.3	863.4	600.5	618.8	614.6	46
1.4	1.4	1.5	11.9	11.7	12.0	2.6	2.9	3.2	7.8	8.3	8.8	7.4	7.9	9.1	47
3.0	3.3	3.3	21.1	22.0	22.7	4.1	4.3	4.7	20.0	21.1	21.4	13.6	13.8	14.5	48
15.9	16.8	17.6	96.9	103.5	106.0	27.0	29.6	31.5	76.8	82.0	86.7	43.7	43.9	48.1	49
3.5	3.8	4.3	18.3	19.8	20.6	5.2	5.9	6.5	12.3	14.2	16.2	10.4	10.7	11.1	50
1.6	1.6	1.6	13.8	14.0	14.4	2.7	2.8	3.0	10.4	12.2	14.1	27.7	28.8	27.7	51
23.4	24.5	24.7	74.8	75.5	78.1	27.4	27.8	28.1	58.2	62.1	63.8	52.8	53.6	53.1	52
4.9	5.3	5.3	28.2	30.2	30.6	6.1	6.6	6.8	22.1	23.2	24.2	16.6	16.7	16.9	53
4.4	4.6	4.6	20.9	21.5	22.6	4.0	4.0	4.3	22.9	24.3	25.8	18.5	18.7	18.8	54
67.9	72.1	73.6	180.4	192.4	197.5	49.0	53.6	57.6	167.3	176.9	182.2	91.6	96.2	95.2	55
14.3	15.0	15.1	75.0	79.1	81.0	17.8	19.6	20.4	70.9	76.3	81.3	40.8	41.4	42.5	56
1.8	2.1	2.1	9.0	9.0	9.4	1.7	1.6	1.6	6.0	6.4	6.8	8.5	8.5	8.7	57
5.1	5.0	4.9	22.6	23.1	24.1	4.4	4.3	4.4	19.3	20.3	20.7	24.9	25.1	25.6	58
2.8	3.1	3.2	20.1	21.0	21.9	5.6	5.8	6.0	16.6	17.3	18.3	9.6	9.9	9.8	59
2.3	2.9	3.0	14.6	15.0	15.5	3.2	3.3	3.5	11.1	13.5	13.8	33.7	33.5	34.0	60
28.9	30.5	32.2	144.1	152.4	158.3	36.5	38.9	41.2	122.1	130.1	137.2	78.9	79.8	79.9	61
8.0	8.4	9.4	49.3	53.7	58.2	16.1	17.5	18.4	45.8	49.2	54.4	29.1	30.3	31.1	62

ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT

1. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

	State and areas	Total			Mining			Construction			Manufacturing		
		AVG. 1979	AVG. 1980	AVG. 1981	AVG. 1979	AVG. 1980	AVG. 1981	AVG. 1979	AVG. 1980	AVG. 1981	AVG. 1979	AVG. 1980	AVG. 1981
1	**GEORGIA**	2,127.5	2,159.4	2,183.1	7.7	7.8	7.8	103.6	105.2	102.4	528.5	519.2	519.9
2	Albany	43.8	43.6	44.6	(1)	(1)	(1)	3.9	2.4	2.1	10.6	11.4	12.0
3	Atlanta	940.2	968.4	989.2	(1)	(1)	(1)	43.5	46.5	45.5	142.8	143.9	146.2
4	Augusta	123.8	121.9	122.4	(1)	(1)	(1)	6.6	5.7	5.4	36.1	36.1	35.7
5	Columbus	82.0	80.4	81.3	(1)	(1)	(1)	4.3	3.8	4.8	21.2	21.3	21.3
6	Macon	96.2	97.3	97.9	(1)	(1)	(1)	4.6	4.5	3.7	15.6	16.1	17.0
7	Savannah	86.2	86.2	88.1	(1)	(1)	(1)	5.2	5.1	4.8	16.9	16.6	16.7
8	**HAWAII**	394.1	404.7	404.6	(1)	(1)	(1)	23.4	23.9	22.3	24.0	24.0	23.2
9	Honolulu	325.8	333.0	332.7	(1)	(1)	(1)	19.0	19.0	18.2	17.7	17.1	16.9
10	**IDAHO**	338.0	330.0	326.3	4.3	4.7	4.9	19.1	17.4	16.3	58.3	53.3	52.3
11	Boise City	81.0	79.1	77.0	(1)	(1)	(1)	6.0	5.8	5.4	9.4	8.6	8.6
12	**ILLINOIS**	4,883.3	4,867.1	4,752.5	31.1	31.3	26.7	188.0	188.4	168.9	1,271.6	1,208.2	1,134.9
13	Bloomington—Normal	50.5	50.2	50.6	(3)	(3)	(3)	1.6	1.8	1.7	7.8	7.0	6.9
14	Champaign—Urbana—Rantoul	72.1	76.6	75.3	(3)	(3)	(3)	2.3	1.7	1.6	7.8	7.8	7.7
15	Chicago—Gary	3,524.4	3,528.3	(4)	5.1	5.1	(4)	139.2	140.4	(4)	956.1	916.0	(4)
16	Chicago SMSA	3,218.4	3,245.7	3,229.4	5.0	4.7	4.0	120.5	123.3	100.4	852.2	812.2	773.0
17	Davenport—Rock Island—Moline	165.7	164.4	162.9	(3)	(3)	(3)	7.8	7.2	7.4	50.1	50.0	49.9
18	Decatur	53.5	54.8	56.0	(3)	(3)	(3)	2.7	2.4	2.3	19.1	19.9	20.3
19	Kankakee	35.7	35.0	33.4	(3)	(3)	(3)	1.6	1.8	1.7	10.0	9.5	8.9
20	Peoria	147.3	151.8	147.6	(3)	(3)	(3)	7.9	7.4	6.8	44.8	51.1	47.8
21	Rockford	124.1	118.6	116.5	(3)	(3)	(3)	3.6	3.5	3.6	57.0	50.9	49.9
22	Springfield	85.6	87.0	86.9	(3)	(3)	(3)	3.7	4.1	3.9	6.8	6.3	6.4
23	**INDIANA**	2,236.3	2,137.1	2,114.8	10.2	10.1	9.0	106.0	91.6	86.7	733.2	658.0	658.9
24	Anderson	52.6	46.3	45.8	(1)	(1)	(1)	1.5	1.1	1.0	24.5	19.7	19.8
25	Elkhart	76.1	68.0	67.8	-	-	-	2.9	2.2	2.1	39.9	34.2	34.4
26	Evansville	131.4	128.3	126.6	2.9	2.9	2.6	8.7	7.2	6.8	39.0	36.9	36.2
27	Fort Wayne	181.9	172.8	171.5	(1)	(1)	(1)	8.5	8.2	7.7	61.2	53.1	53.5
28	Gary—Hammond—East Chicago	267.8	253.1	249.3	(1)	(1)	(1)	18.7	15.3	14.6	103.8	93.6	90.7
29	Indianapolis	537.2	533.2	531.8	(1)	(1)	(1)	25.0	23.4	22.3	132.3	123.3	122.4
30	Lafayette—West Lafayette	57.5	56.8	57.0	(1)	(1)	(1)	2.3	2.3	2.6	12.6	11.6	11.2
31	Muncie	50.8	49.3	48.6	(1)	(1)	(1)	1.9	1.6	1.3	14.8	13.3	12.5
32	South Bend	116.6	109.7	106.6	(1)	(1)	(1)	5.8	4.7	4.4	34.6	31.0	30.5
33	Terre Haute	67.0	65.3	61.2	1.4	1.4	1.2	3.8	3.9	3.3	17.5	16.1	15.1
34	**IOWA**	1,131.7	1,109.9	1,090.1	2.6	2.2	1.9	59.9	50.9	45.3	259.8	244.8	235.9
35	Cedar Rapids	87.4	85.2	81.4	(1)	(1)	(1)	4.8	3.7	3.3	30.4	28.3	26.0
36	Des Moines	183.9	181.2	175.9	(1)	(1)	(1)	8.8	7.7	6.4	27.1	24.6	23.4
37	Dubuque	45.0	43.7	41.8	(1)	(1)	(1)	1.9	1.5	1.2	16.6	15.5	14.4
38	Sioux City	50.2	49.1	49.0	(1)	(1)	(1)	2.7	2.3	2.0	9.6	8.8	9.1
39	Waterloo—Cedar Falls	67.2	66.3	64.6	(1)	(1)	(1)	3.2	2.6	2.0	23.2	23.3	22.8
40	**KANSAS**	946.8	944.7	949.1	13.7	16.1	19.1	49.9	46.5	42.5	198.9	190.5	187.9
41	Lawrence	28.1	28.2	28.1	(3)	(3)	(3)	1.4	1.1	.9	4.8	4.8	4.7
42	Topeka	86.5	86.3	85.8	.2	.2	.2	4.0	3.8	3.3	11.6	10.5	10.1
43	Wichita	202.8	205.3	207.8	2.2	2.7	3.5	9.9	10.2	9.8	65.2	64.7	54.2
44	**KENTUCKY**	1,245.4	1,210.0	1,193.2	54.5	52.8	50.5	69.2	58.0	51.4	297.2	276.2	272.1
45	Lexington—Fayette	146.7	143.1	143.6	(1)	(1)	(1)	8.1	6.7	6.0	31.2	29.7	29.5
46	Louisville	402.7	390.4	383.4	(1)	(1)	(1)	19.9	16.7	17.2	109.4	99.9	96.5
47	Owensboro	30.9	31.3	31.3	.8	1.0	1.1	2.2	2.0	1.7	6.9	7.0	6.7
48	**LOUISIANA**	1,517.4	1,571.1	1,627.5	78.5	87.3	97.4	131.8	140.6	139.3	213.6	212.2	220.1
49	Alexandria	51.4	52.4	53.3	(1)	(1)	(1)	3.6	4.1	4.0	6.0	5.7	5.3
50	Baton Rouge	195.3	203.9	205.4	1.0	1.3	1.2	24.0	24.1	25.2	25.6	25.9	26.4
51	Lafayette	72.9	79.5	89.6	12.5	15.1	18.3	5.6	5.7	5.7	3.7	4.2	4.7
52	Lake Charles	63.5	66.3	70.9	1.7	2.1	2.4	8.4	9.5	10.5	13.0	13.5	13.4
53	Monroe	50.3	51.1	50.9	.6	.6	.7	4.2	4.0	3.4	8.6	8.1	7.9
54	New Orleans	492.9	507.1	518.7	16.4	18.0	20.1	31.3	31.4	30.6	53.9	52.8	52.7
55	Shreveport	147.0	147.8	151.4	5.2	6.5	7.8	11.5	9.5	8.5	28.4	26.9	27.9
56	**MAINE**	415.9	418.3	417.1	(1)	(1)	(1)	19.4	19.5	17.3	114.6	113.2	112.8
57	Lewiston—Auburn	34.8	35.0	34.5	(1)	(1)	(1)	1.5	1.3	1.3	12.0	12.0	11.7
58	Portland	89.5	91.7	92.7	(1)	(1)	(1)	4.0	3.8	3.7	17.9	18.4	18.0
59	**MARYLAND**	1,691.3	1,711.8	1,710.1	(1)	(1)	(1)	107.4	102.9	95.9	246.9	236.7	231.3
60	Baltimore SMSA	958.5	960.9	957.8	(1)	(1)	(1)	52.8	50.7	45.4	168.2	159.8	155.4
61	Baltimore City	461.3	461.3	450.5	(1)	(1)	(1)	18.2	17.9	17.1	74.8	69.0	64.3

See footnotes at end of table

1. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

TRANSPORTATION AND PUBLIC UTILITIES			WHOLESALE AND RETAIL TRADE			FINANCE, INSURANCE, AND REAL ESTATE			SERVICES			GOVERNMENT			
AVG. 1979	AVG. 1980	AVG. 1981	AVG. 1979	AVG. 1980	AVG. 1981	AVG. 1979	AVG. 1980	AVG. 1981	AVG. 1979	AVG. 1980	AVG. 1981	AVG. 1979	AVG. 1980	AVG. 1981	
136.0	140.4	143.6	495.0	499.6	503.1	108.6	112.1	113.7	329.3	345.7	358.5	418.7	429.2	434.0	1
2.0	2.3	2.3	9.7	9.3	9.3	2.0	1.9	2.0	5.9	6.2	6.3	9.7	10.1	10.6	2
83.4	85.8	89.1	260.4	265.7	269.7	54.5	57.4	57.6	188.5	199.3	208.7	156.1	159.7	162.4	3
4.3	4.3	4.4	23.2	22.7	22.6	4.6	4.5	4.5	16.3	17.5	18.1	29.6	31.0	31.8	4
3.4	3.4	3.3	17.5	16.3	15.9	5.3	5.4	5.4	11.1	11.1	11.5	19.2	19.1	19.2	5
4.8	4.7	4.5	20.4	20.2	20.0	5.8	5.7	6.2	16.2	17.1	17.2	28.7	29.0	29.3	6
9.0	9.4	8.9	19.9	20.3	21.7	4.0	4.0	4.1	15.2	15.1	15.8	16.1	15.7	16.1	7
30.5	31.2	31.3	102.9	105.3	105.5	31.5	32.8	32.2	95.3	98.5	101.1	86.5	89.0	89.0	8
25.4	26.0	26.2	85.7	87.6	87.5	27.4	28.5	27.5	77.2	79.3	81.0	73.4	75.5	75.4	9
20.5	20.1	19.7	83.4	80.6	79.8	23.4	23.4	23.2	59.4	60.0	60.0	69.6	70.5	70.1	10
5.2	5.2	5.0	21.3	20.6	19.6	8.4	8.1	8.1	14.7	14.6	14.3	16.2	16.2	16.0	11
288.9	285.7	284.4	1,141.7	1,130.7	1,096.6	295.2	314.3	316.7	923.7	942.3	957.2	743.2	766.3	767.2	12
3.1	3.1	3.1	11.4	12.3	12.2	7.9	7.7	7.7	8.3	8.4	8.3	10.4	10.0	10.6	13
2.5	2.7	2.6	17.8	19.6	19.3	2.4	2.6	2.5	10.2	11.7	11.5	29.1	30.6	30.1	14
214.8	207.9	(*)	809.3	817.1	(*)	229.5	230.5	(*)	679.8	690.7	(*)	490.8	520.8	(*)	15
199.0	194.8	197.2	755.9	770.9	763.2	219.9	228.4	243.9	644.0	667.5	696.2	421.9	443.9	451.6	16
8.1	6.9	6.9	40.6	41.0	40.6	7.1	7.2	7.2	25.0	25.2	24.6	27.0	26.7	26.2	17
5.1	5.2	5.3	10.7	11.1	11.6	2.8	2.8	2.7	8.3	8.6	8.7	4.9	4.9	5.2	18
1.5	1.5	1.4	7.9	7.4	6.9	1.1	1.2	1.1	6.4	6.3	6.4	7.1	7.4	7.1	19
8.2	7.8	7.9	36.3	35.6	34.8	7.0	7.2	7.1	25.9	25.5	25.8	17.2	17.2	17.4	20
5.1	4.8	4.4	25.0	25.0	24.6	4.2	4.2	4.2	16.9	17.9	18.4	12.3	12.4	12.3	21
5.3	5.0	4.7	19.2	19.4	19.0	6.7	6.6	6.7	16.3	17.4	18.0	27.7	28.2	28.1	22
111.8	105.0	103.5	494.4	478.2	469.0	101.3	101.9	101.3	331.7	337.1	341.0	347.6	355.2	347.4	23
1.5	1.4	1.3	10.4	9.5	9.3	1.7	1.6	1.6	7.3	7.2	7.2	5.7	5.8	5.6	24
2.5	2.1	2.1	14.8	13.4	13.1	2.1	2.1	2.2	8.9	8.9	8.9	5.0	5.1	5.0	25
7.1	7.2	7.1	31.7	30.8	31.0	4.5	4.6	4.7	24.6	25.5	25.4	12.9	13.2	12.8	26
11.7	11.0	10.9	43.4	42.4	41.9	10.5	10.6	10.6	28.6	29.0	29.0	18.0	18.5	17.9	27
15.8	13.2	14.3	53.4	52.0	51.2	9.6	9.4	9.2	35.8	36.9	37.5	30.7	32.7	31.8	28
31.9	31.4	31.1	133.6	132.4	132.5	37.8	38.4	38.7	90.2	94.9	97.2	86.5	89.4	87.6	29
1.6	1.5	1.4	11.4	11.0	11.0	2.8	2.6	2.5	8.9	9.2	9.4	18.0	18.6	18.9	30
2.1	2.0	2.0	12.0	12.1	12.3	1.6	1.6	1.5	7.7	8.0	8.3	10.7	10.7	10.7	31
5.3	4.5	4.5	28.7	27.4	25.7	5.4	5.4	5.3	24.1	24.0	23.5	12.7	12.7	12.7	32
3.8	3.6	3.4	17.1	16.4	15.1	2.1	2.2	2.1	9.4	9.5	9.4	11.9	12.2	11.7	33
58.2	56.3	54.0	286.4	280.7	274.6	56.8	58.3	59.2	203.4	209.3	209.2	204.5	207.4	209.9	34
4.1	3.8	3.8	19.1	19.6	19.0	4.4	4.5	4.3	15.3	15.7	15.8	9.4	9.5	9.2	35
11.8	11.4	11.0	48.8	47.4	45.8	20.5	21.4	22.0	38.9	40.2	40.0	28.0	28.4	27.4	36
1.8	1.7	1.6	9.4	9.3	9.2	1.3	1.3	1.3	10.2	10.2	10.4	4.0	4.0	3.7	37
4.1	3.9	3.8	13.3	13.0	12.9	2.8	2.9	2.8	11.6	12.0	12.3	6.2	6.2	6.1	38
2.7	2.5	2.4	14.4	13.9	13.6	2.1	2.1	2.1	10.9	10.9	11.0	10.8	10.9	10.7	39
65.3	63.7	63.0	225.7	226.4	228.2	46.3	47.2	47.9	163.7	166.8	173.7	183.3	187.4	186.8	40
1.5	1.4	1.4	5.6	5.6	5.5	.8	.8	.8	3.6	3.8	4.0	10.4	10.7	10.8	41
7.5	8.9	8.2	18.8	18.7	18.6	6.0	6.0	6.0	16.7	17.2	17.6	21.7	21.9	21.8	42
10.3	10.6	10.2	44.9	45.2	47.2	9.1	9.3	9.6	37.3	38.7	39.9	23.9	23.9	23.4	43
70.2	68.5	67.1	268.1	260.8	258.3	51.0	52.3	52.0	204.8	210.5	214.7	230.4	230.9	227.1	44
7.3	7.3	7.5	33.3	32.0	31.8	7.1	7.2	7.2	26.7	26.9	28.7	33.3	33.3	33.0	45
25.1	24.1	23.4	90.1	89.0	87.3	22.8	23.2	24.2	75.0	77.2	76.7	60.4	60.3	58.1	46
2.3	2.4	2.3	7.3	7.1	7.2	1.2	1.2	1.3	5.6	5.9	6.2	4.6	4.7	4.8	47
119.1	124.3	132.1	354.2	355.9	369.2	73.3	74.7	75.1	257.2	270.0	288.1	289.7	306.1	306.2	48
2.6	2.5	2.4	11.3	11.2	11.6	2.7	2.9	2.9	10.0	10.5	11.2	15.2	15.5	15.9	49
10.1	11.0	10.8	43.0	44.5	46.2	11.2	11.1	12.2	31.3	33.4	35.4	49.1	52.6	48.0	50
5.1	5.8	6.8	19.5	20.8	23.3	2.4	2.7	3.1	14.2	15.3	17.3	9.9	9.9	10.4	51
3.6	3.7	4.4	14.1	14.4	15.1	2.6	2.8	2.9	9.1	9.6	10.8	11.0	10.7	11.4	52
2.5	2.6	2.7	13.1	13.1	13.2	3.5	3.7	3.9	7.7	8.4	8.8	10.1	10.6	10.3	53
51.2	53.9	55.8	124.4	127.7	130.2	29.7	30.3	31.1	106.3	112.5	116.2	79.7	80.5	82.0	54
10.0	9.6	9.3	35.3	35.3	35.6	7.0	7.2	7.2	26.1	27.9	29.5	23.8	24.9	25.6	55
18.7	18.7	18.5	89.6	88.9	88.7	16.2	16.5	17.0	74.8	78.2	80.2	82.6	83.3	82.6	56
1.1	1.2	1.2	8.3	8.1	8.0	1.5	1.5	1.7	7.3	7.6	7.5	3.4	3.3	3.1	57
5.3	5.5	5.7	24.1	24.4	25.0	7.1	7.2	7.5	18.5	19.4	20.4	12.6	12.9	12.4	58
86.0	85.3	85.9	399.4	431.7	405.5	89.8	91.9	93.3	343.1	358.5	376.6	418.7	434.8	421.9	59
58.5	57.3	57.7	219.7	217.1	221.8	55.9	56.9	57.7	185.5	191.4	199.3	217.9	227.7	220.5	60
40.4	39.4	39.5	96.9	98.1	97.1	38.7	38.7	38.6	96.1	102.6	106.1	96.2	95.6	87.8	61

ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT

1. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

	State and areas	Total			Mining			Construction			Manufacturing		
		AVG. 1979	AVG. 1980	AVG. 1981	AVG. 1979	AVG. 1980	AVG. 1981	AVG. 1979	AVG. 1980	AVG. 1981	AVG. 1979	AVG. 1980	AVG. 1981
1	**MASSACHUSETTS**	2,603.5	2,652.2	2,654.1	(1)	(1)	(1)	75.6	77.4	78.3	672.1	674.9	656.8
2	Boston	1,443.5	1,474.1	1,476.1	(1)	(1)	(1)	41.1	43.0	43.1	291.9	294.9	293.4
3	Brockton	57.8	57.4	57.4	(1)	(1)	(1)	1.6	1.5	1.5	12.7	12.7	12.5
4	Fall River	55.1	54.1	53.5	(1)	(1)	(1)	1.5	1.4	1.3	20.5	20.1	20.0
5	Lawrence—Haverhill	109.1	112.6	115.3	(1)	(1)	(1)	3.0	2.9	2.8	41.6	44.4	46.4
6	Lowell	74.6	77.6	78.5	(1)	(1)	(1)	2.8	2.7	2.7	26.1	28.4	29.1
7	New Bedford	65.2	64.8	64.4	(1)	(1)	(1)	1.6	1.6	1.5	26.1	25.5	25.9
8	Springfield—Chicopee—Holyoke	236.2	238.2	235.1	(1)	(1)	(1)	6.2	6.1	6.1	67.4	66.8	63.6
9	Worcester	165.4	166.4	165.3	(1)	(1)	(1)	5.1	5.5	5.0	50.5	49.3	47.9
10	**MICHIGAN**	3,637.1	3,442.8	3,377.6	13.2	12.5	12.1	139.5	116.8	103.0	1,160.2	998.9	977.6
11	Ann Arbor	141.8	139.5	135.8	(1)	(1)	(1)	3.2	2.9	2.3	46.8	40.9	37.6
12	Battle Creek	66.3	63.9	62.4	(1)	(1)	(1)	1.8	1.7	1.5	23.8	20.9	19.8
13	Bay City	35.6	34.6	34.4	(1)	(1)	(1)	1.3	1.1	1.0	10.8	9.4	9.3
14	Benton Harbor	(*)	61.0	59.5	(*)	(1)	(1)	(*)	2.2	1.8	(*)	21.4	21.0
15	Detroit	1,791.8	1,676.5	1,631.1	1.4	1.3	1.1	62.9	52.2	46.5	580.6	491.4	467.2
16	Flint	201.7	186.3	188.6	(1)	(1)	(1)	6.2	5.1	5.4	85.1	70.4	72.4
17	Grand Rapids	271.1	266.2	268.7	(1)	(1)	(1)	13.5	11.6	10.9	96.0	89.0	89.7
18	Jackson	54.9	52.3	50.6	(1)	(1)	(1)	1.9	1.6	1.2	16.7	14.5	14.1
19	Kalamazoo—Portage	111.2	109.8	109.8	(1)	(1)	(1)	4.8	4.8	4.2	36.0	32.9	32.3
20	Lansing—East Lansing	194.7	191.3	193.3	(1)	(1)	(1)	6.6	5.9	5.1	44.7	37.9	41.1
21	Muskegon—Norton Shores—Musk. Hts	62.1	60.2	59.3	(1)	(1)	(1)	3.0	2.2	2.0	22.5	20.3	19.9
22	Saginaw	98.5	84.5	84.2	(1)	(1)	(1)	3.1	2.7	2.3	36.2	28.6	29.7
23	**MINNESOTA**	1,767.0	1,770.2	1,762.6	17.3	15.6	15.7	83.2	76.4	67.9	381.6	370.9	352.3
24	Duluth—Superior	61.5	60.5	58.6	(1)	(1)	(1)	2.3	2.2	1.8	7.9	7.7	7.3
25	Minneapolis—St. Paul	1,076.8	1,092.1	1,090.6	(1)	(1)	(1)	46.8	45.5	39.3	248.8	246.2	242.3
26	Rochester	49.7	50.4	51.2	(3)	(3)	(3)	2.2	2.0	1.7	10.3	10.2	10.4
27	St. Cloud	54.4	54.9	54.9	(1)	(1)	(1)	3.0	2.9	3.1	12.6	12.2	11.9
28	**MISSISSIPPI**	838.1	829.3	820.8	9.3	10.8	12.6	46.7	43.5	41.9	235.2	221.8	221.3
29	Jackson	146.4	147.2	147.5	1.2	1.4	2.0	8.2	7.6	6.4	19.1	19.0	18.9
30	**MISSOURI**	2,011.1	1,969.8	1,971.2	8.2	7.6	6.8	92.4	82.1	86.7	464.4	437.0	427.3
31	Kansas City	640.8	627.6	622.4	.6	.5	.5	29.3	25.4	22.8	127.9	119.8	116.4
32	St. Joseph	37.4	37.4	36.2	(3)	(3)	(3)	1.9	2.0	1.8	9.3	9.2	8.7
33	St. Louis	1,026.6	1,001.8	992.7	3.2	3.5	3.2	48.6	43.8	43.8	259.2	239.4	231.7
34	Springfield	85.7	85.3	87.1	(3)	(3)	(3)	4.1	3.6	3.3	18.7	18.1	18.1
35	**MONTANA**	283.8	280.4	285.2	7.7	8.8	11.5	15.6	14.5	13.4	27.0	24.2	23.5
36	Billings	47.2	46.9	48.2	(1)	(1)	(1)	2.7	2.3	2.3	4.4	4.2	4.2
37	Great Falls	29.8	29.2	29.2	(1)	(1)	(1)	1.9	1.6	1.4	1.7	1.6	1.4
38	**NEBRASKA**	631.2	627.6	624.8	1.8	1.5	1.7	32.5	29.1	26.3	99.6	96.4	95.0
39	Lincoln	100.6	100.5	99.3	(3)	(3)	(3)	4.7	4.0	3.4	13.8	13.5	13.1
40	Omaha	267.1	263.8	264.3	(3)	(3)	(3)	12.0	10.6	10.0	37.2	35.8	35.6
41	**NEVADA**	383.7	400.0	414.0	4.7	6.2	7.9	27.3	26.2	25.7	19.4	19.2	20.4
42	Las Vegas	210.5	221.1	229.8	.4	.5	.6	15.5	14.1	14.8	6.9	6.9	7.4
43	Reno	113.7	114.4	115.4	.8	1.0	.8	7.8	7.2	6.4	8.4	8.1	8.3
44	**NEW HAMPSHIRE**	378.5	385.4	394.2	(3)	(3)	(3)	21.3	19.8	20.5	116.5	116.6	116.4
45	Manchester	74.7	74.0	74.7	(3)	(3)	(3)	3.6	3.3	3.1	18.8	17.5	17.3
46	Nashua	60.4	64.0	67.2	(3)	(3)	(3)	2.7	2.6	2.6	28.0	30.2	31.2
47	**NEW JERSEY**	3,027.2	3,058.0	3,085.9	2.6	2.4	2.4	113.7	111.2	109.2	799.2	780.9	771.0
48	Atlantic City	81.9	90.6	99.5	-	-	-	7.0	5.7	5.5	9.1	8.7	8.2
49	Camden [2]	334.5	337.4	343.8	.1	.1	.1	14.8	13.7	13.1	71.6	70.5	70.9
50	Hackensack [2]	392.0	394.9	397.3	(1)	(1)	(1)	13.5	14.1	14.7	113.4	111.5	109.2
51	Jersey City [2]	230.7	227.8	224.2	-	-	-	4.4	4.6	5.0	70.7	68.5	67.0
52	Long Branch—Asbury Park	158.9	163.3	168.0	(1)	(1)	(1)	6.6	6.5	6.8	24.3	24.7	25.3
53	New Bruns.—Perth Amboy—Sayreville [2]	283.8	288.9	292.6	(1)	(1)	(1)	10.5	10.0	10.6	90.6	89.9	90.7
54	Newark [2]	936.4	939.2	943.0	.8	.7	.8	33.1	32.7	31.5	254.0	249.0	244.7
55	Paterson—Clifton—Passaic [2]	190.2	189.1	190.8	(1)	(1)	(1)	7.0	6.7	6.4	68.8	67.6	67.1
56	Trenton	162.4	162.2	162.7	(1)	(1)	(1)	3.1	3.3	3.3	36.3	33.9	33.3
57	Vineland—Millville—Bridgeton	54.3	54.3	53.8	(1)	(1)	(1)	1.7	1.8	1.9	18.5	18.1	17.7
58	**NEW MEXICO**	461.0	465.4	475.3	27.1	29.4	31.3	35.6	32.1	33.0	34.8	34.4	34.1
59	Albuquerque	186.8	186.9	188.9	(1)	(1)	(1)	15.6	13.1	12.0	17.9	17.9	17.7
60	Las Cruces	29.6	29.5	29.9	-	-	-	2.1	1.8	1.7	2.8	2.7	2.6

See footnotes at end of table.

1. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

TRANSPORTATION AND PUBLIC UTILITIES			WHOLESALE AND RETAIL TRADE			FINANCE, INSURANCE, AND REAL ESTATE			SERVICES			GOVERNMENT			
AVG. 1979	AVG. 1980	AVG. 1981	AVG. 1979	AVG. 1980	AVG. 1981	AVG. 1979	AVG. 1980	AVG. 1981	AVG. 1979	AVG. 1980	AVG. 1981	AVG. 1979	AVG. 1980	AVG. 1981	
120.5	121.6	119.8	586.3	574.5	575.1	150.4	159.0	164.0	601.9	634.5	663.6	416.7	410.3	386.5	1
71.7	73.1	71.2	214.1	320.0	320.0	103.8	109.4	112.6	403.1	420.1	437.9	217.8	213.6	197.9	2
4.2	3.7	3.4	15.6	15.3	15.2	2.1	2.1	2.2	9.3	10.1	10.5	12.3	12.0	12.1	3
1.9	1.9	1.8	11.5	11.2	11.3	2.7	2.7	2.8	8.9	9.2	9.1	8.1	7.6	7.0	4
4.5	4.7	4.9	21.7	21.6	22.0	4.0	4.1	4.3	17.0	18.0	18.5	17.3	16.9	16.4	5
3.2	3.2	3.3	15.5	16.0	16.4	2.0	2.1	2.2	11.9	12.6	12.8	13.1	12.6	12.0	6
2.4	2.5	2.3	12.5	12.6	12.6	2.0	2.0	2.1	9.5	9.8	10.3	11.1	10.8	9.7	7
9.4	9.3	9.3	47.9	48.2	48.3	12.6	13.2	13.4	43.9	46.0	48.0	48.8	48.6	46.5	8
6.9	7.2	7.4	35.2	35.8	36.1	8.9	9.5	10.0	32.3	33.4	35.2	26.5	25.7	23.7	9
160.6	152.2	144.8	761.3	733.7	713.3	154.5	156.5	154.0	626.7	644.4	655.2	621.0	627.8	617.7	10
3.5	3.3	3.3	19.5	19.8	20.0	3.9	4.1	4.0	21.6	23.0	24.0	43.3	45.5	44.6	11
2.5	2.3	2.3	11.2	10.8	10.7	3.7	4.2	4.3	11.1	11.3	11.7	12.2	12.4	12.2	12
1.8	1.8	1.7	8.4	8.3	8.7	1.3	1.3	1.4	6.5	6.8	7.1	5.5	5.5	5.5	13
(*)	2.1	2.1	(*)	12.2	11.6	(*)	2.1	2.0	(*)	12.1	12.3	(*)	8.9	8.7	14
87.0	81.2	77.1	374.6	364.2	358.1	88.5	89.4	88.4	341.2	346.0	349.2	255.7	250.9	243.6	15
6.8	6.2	5.9	39.7	40.1	40.1	6.6	6.4	6.4	29.0	28.6	29.1	28.3	29.7	29.2	16
11.5	11.4	11.1	59.8	61.0	63.9	13.5	10.9	11.0	48.2	49.7	51.0	31.3	32.6	31.1	17
5.1	5.1	5.3	11.3	10.7	10.2	1.7	1.7	1.6	9.8	9.7	9.6	8.7	9.0	8.6	18
4.1	4.0	4.2	21.4	21.7	22.4	3.7	3.8	4.0	20.9	21.7	22.4	20.2	20.6	20.2	19
5.3	5.6	5.5	35.4	35.2	35.4	9.3	9.4	9.4	27.0	29.8	30.3	66.2	67.4	66.5	20
3.2	3.2	3.1	11.4	11.9	11.7	1.8	1.6	1.4	9.5	10.3	10.5	10.5	10.9	10.7	21
4.4	5.0	4.8	17.7	17.9	17.9	4.0	4.2	4.0	13.4	13.8	14.1	11.6	11.9	11.3	22
100.4	94.8	98.5	443.1	442.8	440.1	91.5	94.6	97.5	354.4	370.0	381.8	295.6	300.1	298.9	23
6.8	6.6	6.2	16.6	16.4	15.1	2.2	2.2	2.3	13.1	13.1	13.8	12.6	12.3	12.1	24
64.5	63.8	62.7	266.2	269.4	270.0	67.4	69.9	72.5	227.7	239.8	246.1	155.4	157.5	157.7	25
2.0	2.0	2.0	9.9	9.9	10.1	1.4	1.4	1.5	18.0	18.9	19.8	6.0	5.9	5.8	26
3.5	3.5	3.4	13.3	13.4	13.5	1.8	1.9	2.0	9.5	9.8	10.1	10.8	11.2	11.0	27
41.1	40.8	40.5	163.3	164.0	163.4	32.6	32.8	33.0	118.1	121.1	120.8	192.2	194.5	187.4	28
9.7	9.9	10.0	35.3	35.0	34.9	11.2	11.2	11.2	27.8	28.6	29.9	33.8	34.6	34.3	29
142.3	138.9	138.0	474.3	462.0	466.3	107.8	108.1	108.9	383.2	394.9	404.6	338.5	339.2	332.6	30
55.5	52.6	52.3	164.1	161.7	160.5	43.8	44.1	44.5	127.8	129.9	132.3	91.8	93.6	93.1	31
2.2	2.2	2.2	9.3	9.2	8.8	1.9	1.9	1.9	6.8	6.8	6.7	6.0	6.1	6.1	32
73.3	72.8	72.3	234.4	228.0	227.4	57.4	57.6	57.5	211.2	217.9	222.2	139.3	138.8	134.6	33
6.4	6.8	7.1	24.1	23.6	23.9	3.4	3.4	3.5	17.8	18.6	19.5	11.2	11.8	11.7	34
23.1	22.4	22.7	73.5	72.3	73.7	12.7	12.9	12.9	54.2	55.1	56.7	70.1	70.2	70.7	35
4.8	4.5	4.5	15.4	15.9	15.8	2.3	2.3	2.4	9.6	10.3	11.4	7.6	7.5	7.6	36
1.9	1.8	1.9	9.7	9.4	9.6	2.1	2.0	2.1	6.8	7.1	7.1	5.8	5.7	5.7	37
47.8	47.9	47.1	164.1	163.6	162.8	41.0	42.0	41.2	114.0	116.0	120.6	130.6	130.8	130.5	38
7.3	7.5	7.3	22.2	22.0	22.5	7.1	7.0	7.0	16.7	17.3	17.3	28.6	29.3	28.8	39
24.9	24.5	24.3	69.4	68.3	67.2	24.2	24.3	23.9	57.6	58.0	60.9	41.8	42.4	42.4	40
23.1	24.1	25.1	77.4	80.3	84.6	16.9	17.9	18.4	160.2	169.1	175.0	54.7	57.0	56.9	41
12.6	13.2	13.9	43.4	45.8	48.6	9.6	10.3	10.5	97.4	104.5	107.6	24.7	25.9	26.4	42
7.9	8.1	8.1	24.5	24.6	25.6	5.9	6.1	6.1	43.1	43.2	43.9	15.3	16.1	16.0	43
13.6	14.0	14.4	83.9	85.5	89.2	18.9	19.8	20.6	69.2	72.4	76.6	55.1	57.3	56.5	44
4.6	4.7	4.8	19.0	18.9	19.8	6.1	6.1	6.2	14.2	14.9	15.4	8.3	8.6	8.4	45
1.9	1.9	2.1	11.9	12.3	13.5	1.6	2.0	2.0	8.5	9.4	10.3	5.6	5.6	5.5	46
190.4	193.4	192.5	678.6	680.4	690.1	153.9	158.1	161.4	571.0	602.8	635.2	517.8	528.8	524.2	47
3.7	3.9	4.0	18.9	19.9	19.5	4.7	4.7	5.0	23.6	31.2	41.1	14.8	16.5	16.2	48
15.7	15.6	15.4	86.9	86.8	88.8	16.3	16.9	17.5	64.3	67.1	71.2	64.8	66.6	66.7	49
20.3	20.8	20.5	116.1	115.6	116.1	16.1	17.1	17.9	71.4	74.0	77.0	41.3	41.7	41.9	50
27.4	26.7	25.3	44.6	44.2	44.9	8.2	8.7	8.5	31.2	31.8	32.2	44.2	43.3	41.4	51
5.9	6.1	6.6	39.6	40.3	41.7	7.9	7.9	7.9	39.5	41.4	43.4	35.1	36.3	36.4	52
20.9	22.4	23.7	65.3	66.5	67.5	9.6	10.2	11.6	39.0	40.8	43.0	48.1	49.1	45.5	53
72.0	73.4	73.7	180.3	179.6	181.1	63.7	64.2	65.1	184.5	192.5	200.7	148.3	147.1	145.4	54
6.9	6.6	6.6	41.1	40.1	40.8	8.9	9.2	9.2	31.7	33.2	34.5	25.8	25.6	26.2	55
5.8	5.5	5.2	25.3	25.0	24.6	7.1	7.5	8.3	40.3	41.8	41.8	45.0	45.1	45.8	56
3.0	3.0	3.1	9.3	9.0	8.9	2.1	2.4	2.5	8.3	8.5	8.7	11.4	11.5	11.0	57
28.1	28.3	29.0	104.1	103.4	106.6	21.2	21.1	21.5	89.6	91.8	94.3	120.5	125.0	125.5	58
11.4	11.6	11.8	47.2	46.9	47.9	10.8	10.9	10.9	42.7	43.6	45.5	41.2	43.0	42.9	59
1.2	1.1	1.2	5.5	5.3	5.5	1.2	1.2	1.2	4.1	4.0	4.1	12.7	13.4	13.5	60

ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT

1. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

	State and areas	Total			Mining			Construction			Manufacturing		
		AVG. 1979	AVG. 1980	AVG. 1981	AVG. 1979	AVG. 1980	AVG. 1981	AVG. 1979	AVG. 1980	AVG. 1981	AVG. 1979	AVG. 1980	AVG. 1981
1	**NEW YORK**	7,179.4	7,207.2	7,281.4	5.9	6.1	6.3	210.3	209.3	211.4	1,492.8	1,445.1	1,432.3
2	Albany—Schenectady—Troy	338.4	339.0	338.5	(1)	(1)	(1)	11.2	11.1	9.6	60.4	58.2	55.9
3	Binghamton	118.3	116.9	117.4	(1)	(1)	(1)	4.1	3.9	3.7	43.3	42.0	43.3
4	Buffalo	513.4	501.4	495.5	(1)	(1)	(1)	18.2	16.4	15.6	145.2	133.5	129.5
5	Elmira	37.6	36.9	36.7	(1)	(1)	(1)	1.3	1.1	1.0	11.8	11.3	11.2
6	Monroe County [9]	335.8	337.1	342.5	(1)	(1)	(1)	9.9	9.3	9.6	135.0	135.2	138.6
7	Nassau—Suffolk [4]	898.3	915.5	922.7	(1)	(1)	(1)	36.7	36.1	35.2	164.9	167.3	167.8
8	New York—Northeastern New Jersey [7]	6,656.5	6,706.7	(*)	2.7	2.8	(*)	194.0	199.4	(*)	1,373.1	1,344.8	(*)
9	New York and Nassau—Suffolk [8]	4,614.8	4,663.4	4,729.0	1.7	1.9	1.9	125.5	131.6	136.3	775.6	753.9	742.5
10	New York SMSA [5]	3,716.5	3,747.9	3,806.2	1.4	1.6	1.7	98.8	95.4	101.1	610.6	586.6	574.7
11	New York City [10]	3,278.8	3,301.9	3,354.9	1.1	1.3	1.5	70.9	76.8	82.3	518.5	495.7	483.4
12	Poughkeepsie	97.1	97.6	99.9	(1)	(1)	(1)	2.8	2.7	2.6	32.3	31.6	32.6
13	Rochester	414.0	414.4	419.1	(1)	(1)	(1)	12.3	11.4	11.4	157.2	156.4	158.7
14	Rockland County [11]	80.6	81.5	81.8	(1)	(1)	(1)	2.5	2.6	2.6	15.7	15.6	15.5
15	Syracuse	263.5	259.2	258.3	(1)	(1)	(1)	11.3	9.3	9.3	61.3	59.1	59.4
16	Utica—Rome	116.1	114.6	113.5	(1)	(1)	(1)	3.0	2.8	2.5	32.3	30.6	29.4
17	Westchester County [12]	344.8	352.2	357.1	(1)	(1)	(1)	14.6	15.3	15.5	75.1	74.0	74.4
18	**NORTH CAROLINA**	2,372.9	2,380.0	2,386.4	5.2	5.2	4.9	126.1	118.7	114.9	826.7	820.0	817.3
19	Asheville	71.6	71.6	71.9	(1)	(1)	(1)	3.5	3.2	3.1	22.7	22.2	21.8
20	Charlotte—Gastonia	329.7	337.8	340.0	(1)	(1)	(1)	17.9	18.6	18.3	91.7	94.2	94.8
21	Greensboro—Winston-Salem—High Pt	385.6	386.1	391.0	(1)	(1)	(1)	17.4	16.9	17.0	150.3	148.7	149.7
22	Raleigh—Durham	264.9	274.0	277.0	(1)	(1)	(1)	14.9	14.3	13.7	44.2	45.0	45.0
23	**NORTH DAKOTA**	244.2	245.2	248.6	5.7	7.8	10.9	18.7	16.5	14.8	16.7	15.6	15.3
24	Fargo—Moorhead	62.5	62.1	61.5	(3)	(3)	(3)	4.3	3.6	3.0	5.2	4.9	4.6
25	**OHIO**	4,484.7	4,367.4	4,323.1	31.6	30.7	30.3	182.9	167.4	154.2	1,382.3	1,264.5	1,232.5
26	Akron	270.9	262.4	259.0	(*)	(*)	(*)	9.2	8.0	7.6	85.6	79.2	75.9
27	Canton	168.7	157.1	157.3	(*)	(*)	(*)	6.4	5.4	5.1	59.1	55.7	55.3
28	Cincinnati	607.4	600.6	593.9	(*)	(*)	(*)	27.4	25.3	22.4	173.1	162.5	158.4
29	Cleveland	919.8	895.6	880.8	(*)	(*)	(*)	33.5	29.8	27.5	276.3	254.9	247.4
30	Columbus	507.3	539.8	508.3	(*)	(*)	(*)	21.2	19.6	18.0	101.1	96.8	93.6
31	Dayton	364.9	355.7	353.4	(*)	(*)	(*)	14.1	13.1	11.8	109.5	99.3	97.8
32	Toledo	306.0	293.1	290.9	(*)	(*)	(*)	11.8	12.4	11.5	88.6	75.4	74.0
33	Youngstown—Warren	213.9	203.1	199.1	(*)	(*)	(*)	7.0	6.6	6.3	79.9	70.8	67.7
34	**OKLAHOMA**	1,087.3	1,137.7	1,193.1	60.9	74.9	95.7	59.1	57.3	53.8	184.1	191.3	198.9
35	Enid	(*)	25.7	26.8	(*)	2.1	3.0	(*)	1.7	1.5	(*)	3.0	3.1
36	Lawton	(*)	29.1	29.4	(*)	(1)	(1)	(*)	1.5	1.4	(*)	3.0	3.1
37	Oklahoma City	379.6	400.9	422.0	14.1	18.9	26.5	20.2	19.8	21.2	52.6	55.5	56.4
38	Tulsa	287.8	308.1	321.6	18.4	22.6	26.4	16.5	16.5	15.9	59.9	63.9	67.9
39	**OREGON**	1,056.2	1,044.6	1,015.3	2.4	2.3	2.2	53.0	46.5	37.6	228.5	215.1	203.3
40	Eugene—Springfield	105.5	102.9	100.6	(1)	(1)	(1)	5.7	4.6	3.7	21.2	19.8	18.9
41	Jackson County	-	-	-	-	-	-	-	-	-	8.3	7.7	7.3
42	Portland	554.0	556.7	545.5	(1)	(1)	(1)	28.0	24.9	21.5	115.2	114.1	107.7
43	Salem	89.9	88.3	86.6	(1)	(1)	(1)	5.2	4.2	3.4	15.4	14.3	13.8
44	**PENNSYLVANIA**	4,806.1	4,753.1	4,724.1	51.7	49.0	45.2	204.2	190.1	182.5	1,386.8	1,328.2	1,299.7
45	Allentown—Bethlehem—Easton	263.8	265.1	264.2	(1)	(1)	(1)	9.3	9.0	8.2	110.0	107.1	104.2
46	Altoona	52.2	50.7	49.9	(1)	(1)	(1)	2.4	2.2	1.9	13.1	12.7	12.6
47	Delaware Valley [13]	1,588.2	1,584.8	1,582.1	(1)	(1)	(1)	61.4	62.9	61.1	382.2	369.4	359.6
48	Erie	117.0	112.9	110.5	(1)	(1)	(1)	3.5	3.2	3.0	44.7	42.3	41.0
49	Harrisburg	221.8	222.7	225.6	(1)	(1)	(1)	9.2	8.5	7.9	43.6	42.3	41.9
50	Johnstown	90.6	84.9	81.9	9.6	8.4	7.3	3.4	2.8	2.7	20.3	18.7	17.0
51	Lancaster	155.0	153.7	154.1	(1)	(1)	(1)	8.1	7.1	6.4	60.9	59.3	59.4
52	Northeast Pennsylvania	243.9	238.9	238.9	1.1	1.2	1.1	12.8	10.9	10.8	73.5	70.0	68.6
53	Philadelphia SMSA	1,918.7	1,922.8	1,924.8	(1)	(1)	(1)	76.3	76.9	74.4	454.0	440.1	430.7
54	Philadelphia City [12]	792.8	781.7	775.7	(1)	(1)	(1)	18.9	20.6	19.9	143.4	134.9	129.9
55	Pittsburgh	956.4	949.4	940.4	11.2	10.3	8.8	49.0	46.1	44.8	255.1	241.6	236.6
56	Reading	138.9	138.6	139.2	(1)	(1)	(1)	5.3	5.2	4.9	54.8	53.2	53.2
57	Scranton [7, 11]	87.2	86.1	85.9	(1)	(1)	(1)	2.5	2.1	2.1	28.3	27.4	27.2
58	Wilkes—Barre—Hazleton [7, 14]	127.7	123.4	122.7	1.0	1.1	1.0	9.1	7.5	7.4	40.6	37.9	36.6
59	Williamsport	48.2	46.6	46.4	(1)	(1)	(1)	1.5	1.4	1.2	18.0	16.2	16.0
60	York	157.3	156.6	155.8	(1)	(1)	(1)	7.5	6.9	6.5	66.1	65.6	64.9
61	**RHODE ISLAND**	400.0	398.3	400.5	(1)	(1)	(1)	13.9	12.7	11.9	132.6	128.2	126.3
62	Providence—Warwick—Pawtucket	410.3	407.1	407.0	(1)	(1)	(1)	14.1	12.9	12.0	147.8	143.0	139.6
63	**SOUTH CAROLINA**	1,176.9	1,188.8	1,196.5	(1)	(1)	(1)	73.1	73.4	71.2	399.5	391.9	388.2
64	Charleston—North Charleston	148.4	148.6	152.5	(1)	(1)	(1)	11.6	11.5	10.1	20.1	19.7	20.8
65	Columbia	175.6	179.2	180.0	(1)	(1)	(1)	8.4	8.6	8.6	27.3	27.5	27.3

See footnotes at end of table

1. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

TRANSPORTATION AND PUBLIC UTILITIES			WHOLESALE AND RETAIL TRADE			FINANCE, INSURANCE, AND REAL ESTATE			SERVICES			GOVERNMENT			
AVG. 1979	AVG. 1980	AVG. 1981	AVG. 1979	AVG. 1980	AVG. 1981	AVG. 1979	AVG. 1980	AVG. 1981	AVG. 1979	AVG. 1980	AVG. 1981	AVG. 1979	AVG. 1980	AVG. 1981	
433.8	431.4	429.3	1,476.8	1,465.2	1,463.7	605.4	626.2	654.5	1,643.2	1,710.0	1,784.3	1,311.3	1,313.9	1,300.1	1
15.9	15.9	15.5	69.8	68.5	68.2	15.3	15.7	16.0	68.2	71.6	73.7	97.5	98.0	99.7	2
4.8	4.6	4.7	21.7	21.6	21.1	3.9	4.0	4.2	17.8	17.7	18.6	22.8	23.9	22.1	3
28.4	27.5	26.5	115.8	112.7	110.0	21.9	22.2	22.4	97.2	101.1	106.0	86.6	88.0	85.5	4
1.4	1.4	1.3	8.2	8.4	8.6	1.0	1.0	1.1	6.8	7.0	7.1	7.1	6.7	6.3	5
10.2	10.3	10.3	60.9	59.6	59.9	14.3	14.2	14.3	65.3	67.6	70.2	40.2	40.8	39.7	6
38.0	38.8	40.6	236.2	238.6	238.6	51.0	51.8	52.8	196.1	204.6	214.7	175.4	178.3	173.2	7
466.9	470.0	(*)	1,405.6	1,400.9	(*)	607.7	627.7	(*)	1,518.1	1,573.3	(*)	1,088.3	1,087.9	(*)	8
319.5	319.1	318.9	958.0	954.6	953.7	501.2	521.4	548.1	1,159.0	1,207.0	1,261.9	774.4	773.9	765.7	9
281.4	280.3	278.4	721.8	716.0	715.1	450.3	469.7	495.3	963.1	1,002.7	1,047.4	599.0	595.5	592.5	10
258.7	257.0	254.9	621.1	612.8	610.8	429.6	448.1	472.7	858.7	893.7	935.3	520.1	516.3	514.1	11
2.8	2.9	2.8	16.1	16.3	16.4	2.6	2.7	2.9	17.5	18.1	19.0	23.1	23.3	23.4	12
12.9	12.8	12.8	78.1	76.7	77.3	15.9	15.9	15.8	77.1	79.7	82.3	60.5	61.7	60.8	13
3.5	3.5	3.4	17.4	17.8	17.8	2.5	2.6	2.7	17.5	18.3	18.7	21.6	21.0	21.1	14
15.1	14.8	14.4	58.9	56.9	56.5	15.5	16.1	16.4	52.2	52.8	53.7	49.3	50.1	48.6	15
4.1	3.9	3.9	21.9	22.1	22.4	5.6	5.5	5.5	20.4	20.7	21.1	28.9	29.0	28.6	16
18.6	19.2	19.5	80.3	82.4	83.6	17.6	18.4	19.5	84.4	88.0	90.6	54.2	54.9	54.2	17
115.5	116.5	116.7	477.1	472.9	473.5	93.0	95.5	98.0	332.1	341.3	352.4	397.2	409.9	408.7	18
3.6	3.6	3.6	14.8	15.0	15.7	2.2	2.2	2.3	13.1	13.3	13.5	11.7	12.1	11.9	19
30.8	31.2	31.6	83.7	83.4	82.5	20.6	21.2	21.5	49.6	52.4	54.3	35.4	36.8	37.0	20
21.5	21.3	21.2	78.3	77.7	77.8	17.8	18.2	18.8	55.1	56.9	59.9	45.2	46.4	46.6	21
13.0	13.4	13.4	51.6	53.2	53.3	15.0	15.6	15.9	55.0	58.6	60.3	71.2	73.9	74.8	22
16.1	16.8	17.1	67.6	66.8	66.3	11.0	11.4	11.8	47.8	49.4	51.9	60.6	60.9	60.5	23
4.1	4.0	4.0	19.3	18.9	18.7	3.7	3.8	3.9	13.4	13.9	14.3	12.5	13.0	13.0	24
232.1	223.1	218.4	975.2	957.0	946.0	200.6	203.8	205.2	806.2	830.9	856.2	674.0	689.9	680.2	25
15.2	14.2	13.9	58.1	57.3	57.4	9.4	9.3	9.2	49.7	50.4	51.9	43.2	43.6	42.5	26
7.6	7.2	7.0	34.3	33.3	33.2	5.9	6.2	6.3	28.1	29.0	30.0	18.3	19.2	18.9	27
34.2	33.7	33.2	140.9	140.6	139.6	32.1	32.6	32.5	117.4	121.7	124.3	82.8	83.9	83.1	28
47.8	45.9	45.1	212.1	205.3	199.7	47.9	48.2	47.9	182.4	187.5	192.0	118.2	122.6	119.9	29
25.1	24.7	24.3	120.9	120.2	120.0	36.1	37.8	39.3	100.7	105.1	108.7	101.5	105.0	103.6	30
13.3	13.3	13.3	75.8	74.4	73.1	13.4	13.4	13.5	70.1	72.6	74.4	68.2	69.3	69.2	31
21.0	19.8	19.2	68.5	66.9	66.1	10.5	10.7	10.6	59.1	60.3	63.5	45.9	47.2	45.6	32
10.1	9.5	9.2	46.6	44.8	43.9	7.0	7.1	7.1	37.2	37.9	39.0	25.6	25.8	25.1	33
66.0	68.6	69.0	256.4	266.3	278.3	53.6	56.5	58.5	183.2	194.3	202.1	224.0	228.5	236.9	34
(*)	2.6	2.7	(*)	7.0	7.1	(*)	1.1	1.1	(*)	4.5	4.6	(*)	3.7	3.7	35
(*)	1.2	1.3	(*)	7.3	7.4	(*)	1.2	1.2	(*)	4.3	4.6	(*)	10.6	10.4	36
23.3	23.7	24.0	94.7	97.9	104.6	23.4	24.9	26.1	68.2	71.1	72.9	83.1	89.1	90.3	37
22.2	24.3	23.9	69.7	71.9	73.3	14.5	15.4	15.7	55.8	60.2	63.6	30.8	33.2	34.9	38
60.0	60.5	59.7	256.8	255.6	253.7	69.1	70.0	68.4	185.7	191.4	192.2	200.7	203.2	202.2	39
5.3	5.1	5.0	26.2	25.7	25.3	5.4	5.5	5.5	19.4	19.7	19.5	22.2	22.5	22.7	40
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41
35.8	36.6	36.5	142.3	142.3	141.8	44.5	45.7	45.4	107.3	111.2	111.6	81.2	81.9	81.0	42
2.8	2.8	2.8	19.1	19.2	18.9	5.6	5.6	5.6	14.5	14.8	15.4	27.3	27.4	26.7	43
272.3	263.3	258.3	992.5	988.3	986.1	233.7	236.6	240.6	964.1	974.1	1,006.2	720.7	723.3	705.4	44
14.0	14.1	13.9	51.1	51.8	52.6	8.8	9.5	9.7	41.7	44.4	46.2	28.9	29.3	29.4	45
7.8	6.8	6.4	11.3	11.0	10.7	1.4	1.5	1.5	8.8	8.7	9.0	7.3	7.7	7.7	46
85.6	83.1	81.7	333.7	329.7	331.2	107.7	109.0	111.5	379.4	393.2	407.3	238.4	237.5	229.9	47
5.2	5.2	5.0	23.3	22.0	21.7	4.7	4.9	4.8	21.3	21.7	22.4	14.1	13.7	12.5	48
17.0	17.0	16.9	45.5	45.7	45.5	12.8	12.8	12.8	37.1	39.0	40.9	56.0	57.5	59.7	49
5.7	4.9	4.9	16.8	16.2	15.6	3.8	3.9	4.0	15.8	15.7	15.7	15.2	14.3	14.6	50
6.4	6.2	6.3	34.2	34.1	33.9	5.2	5.5	5.8	25.2	26.4	27.2	15.0	15.1	15.1	51
13.5	13.1	12.9	50.6	50.1	50.2	9.3	9.6	9.9	43.1	44.6	47.1	39.9	39.3	38.4	52
101.2	98.4	96.5	420.5	416.0	419.6	124.0	125.9	128.9	443.8	460.9	477.7	298.9	304.6	297.0	53
55.9	52.6	51.6	149.7	145.0	144.2	68.2	66.8	66.6	209.1	214.5	221.0	147.6	147.2	142.7	54
61.7	57.0	55.5	206.8	210.7	211.4	45.1	46.2	46.7	210.1	215.1	218.7	117.3	122.3	117.8	55
6.7	6.3	6.4	27.4	28.0	28.0	5.9	6.1	6.4	22.6	23.1	23.7	16.1	16.7	16.6	56
4.2	4.1	3.9	19.5	19.0	18.8	3.4	3.6	3.6	17.1	17.8	18.7	12.2	12.1	11.7	57
7.2	7.1	7.1	26.0	25.9	26.2	5.1	5.1	5.3	18.7	19.3	20.5	20.1	19.5	18.6	58
2.3	2.3	2.3	10.3	9.9	9.8	2.1	2.1	2.2	7.7	7.9	8.3	6.5	6.8	6.7	59
7.2	7.3	7.5	32.8	33.1	33.1	3.8	3.9	4.1	21.3	21.6	21.9	18.5	18.2	17.8	60
13.4	13.0	13.1	80.7	80.9	81.4	20.8	20.8	21.0	79.3	83.5	88.4	59.3	59.2	58.4	61
13.2	13.0	13.0	81.7	81.2	81.1	20.8	20.9	20.9	76.1	80.0	84.5	56.3	56.1	55.9	62
53.0	53.0	53.8	221.0	225.1	231.3	46.3	47.7	49.5	154.3	161.3	169.1	228.8	236.4	234.4	63
8.8	8.8	9.0	31.1	31.9	33.0	6.2	6.4	6.6	22.7	24.1	25.8	44.9	46.2	47.2	64
9.2	9.4	9.6	38.0	38.1	37.6	13.5	14.0	14.3	26.2	27.1	28.1	53.1	54.6	54.7	65

ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT

1. Employees on nonagricultural payrolls for States and selected areas by industry division

(In thousands)

State and areas	Total			Mining			Contract Construction			Manufacturing		
	AVG. 1979	AVG. 1980	AVG. 1981	AVG. 1979	AVG. 1980	AVG. 1981	AVG. 1979	AVG. 1980	AVG. 1981	AVG. 1979	AVG. 1980	AVG. 1981
SOUTH CAROLINA—Continued												
Greenville–Spartanburg	261.2	266.4	268.0	(1)	(1)	(1)	16.4	17.6	16.4	106.6	105.0	102.9
SOUTH DAKOTA	241.4	236.0	236.8	2.9	2.8	2.9	12.9	10.7	9.9	27.5	26.1	25.8
Rapid City [4]	33.0	31.9	31.3	(3)	(3)	(3)	2.7	2.1	1.8	3.3	3.0	2.8
Sioux Falls	54.7	54.3	54.2	(3)	(3)	(3)	3.1	2.6	2.4	7.8	7.7	7.4
TENNESSEE	1,777.3	1,747.2	1,745.5	10.5	10.1	10.2	89.2	81.2	76.6	524.7	502.7	506.7
Chattanooga	174.6	168.7	169.1	1.3	1.2	1.1	6.7	6.5	5.9	54.8	50.2	49.0
Knoxville	197.9	195.3	202.2	1.5	1.6	1.6	11.8	9.5	9.9	54.0	52.4	51.2
Memphis	362.5	359.4	357.8	.1	.2	.2	16.6	15.9	14.1	63.0	59.6	59.3
Nashville–Davidson	364.1	360.2	362.0	(1)	(1)	(1)	20.7	18.7	16.7	83.9	80.8	82.5
TEXAS	5,601.8	5,851.2	6,144.1	203.3	241.7	288.8	416.2	423.0	431.1	1,021.9	1,056.9	1,137.4
Abilene [2]	53.6	55.9	59.6	3.5	4.2	5.3	3.2	3.1	3.2	5.7	5.8	6.2
Amarillo [2]	75.4	75.2	76.7	(1)	(1)	(1)	4.8	4.4	4.5	9.5	9.7	10.2
Austin [2]	238.6	243.8	243.8	(1)	(1)	(1)	13.2	14.1	14.1	28.7	31.2	31.2
Beaumont–Port Arthur–Orange [4]	150.3	149.5	154.9	(1)	(1)	(1)	14.0	13.4	13.0	41.3	38.2	42.8
Corpus Christi [2]	122.2	125.8	123.7	6.4	7.2	.2	14.8	12.7	13.6	14.9	16.4	16.9
Dallas–Fort Worth	1,386.3	1,454.2	1,513.7	21.2	25.1	30.0	79.3	83.6	81.1	310.4	320.3	330.5
El Paso [2]	157.0	161.9	167.5	(1)	(1)	(1)	9.2	8.5	8.5	33.6	36.1	39.1
Galveston–Texas City [2]	68.7	69.4	70.5	(1)	(1)	(1)	5.4	5.1	5.0	12.0	11.3	12.1
Houston	1,379.6	1,462.7	1,553.5	70.7	85.7	100.9	147.1	145.9	148.8	230.2	243.5	262.2
Longview–Marshall [2]	62.9	65.5	68.4	(1)	(1)	(1)	4.7	4.7	4.2	18.5	18.3	19.3
Lubbock [2]	87.9	89.4	89.6	(1)	(1)	(1)	4.5	4.2	4.0	12.9	13.4	13.1
Midland [2]	38.5	43.4	49.7	9.4	11.0	13.2	2.5	3.2	3.4	3.6	4.2	4.8
Odessa [2]	49.3	53.1	58.6	7.6	8.1	9.3	4.3	4.6	5.1	6.9	7.5	8.8
San Angelo [2]	33.8	35.1	36.7	.7	.8	.9	2.2	2.1	2.2	6.2	6.4	6.2
San Antonio	382.1	398.6	410.0	2.1	2.5	3.2	25.8	27.0	27.1	48.2	50.8	52.1
Sherman–Denison [2]	37.0	36.8	37.1	.2	.2	.3	2.4	1.7	1.5	13.6	13.5	13.0
Waco [2]	69.1	71.2	71.7	(1)	(1)	(1)	3.6	3.6	3.2	16.7	16.5	16.7
Wichita Falls [2]	51.1	53.0	55.0	2.8	3.3	3.8	2.9	2.6	2.5	9.4	9.7	10.8
UTAH	548.4	550.8	557.8	17.7	18.5	20.2	35.6	31.5	28.3	86.8	87.7	89.5
Salt Lake City–Ogden	388.7	389.5	392.7	7.5	7.1	8.0	24.3	21.6	19.8	58.9	60.1	61.2
VERMONT	197.9	200.1	202.1	.8	.7	.6	10.3	10.1	10.7	50.8	50.9	50.8
Burlington [5]	55.4	57.2	58.3	–	–	–	–	–	–	14.1	14.6	15.7
Springfield [5]	14.6	14.8	14.6	–	–	–	–	–	–	6.1	6.4	6.2
VIRGINIA	2,115.0	2,157.2	2,160.1	23.3	22.7	21.4	138.4	128.3	115.7	413.8	413.8	411.9
Bristol	28.4	27.5	26.9	(1)	(1)	(1)	1.3	1.1	.9	9.9	9.2	9.3
Lynchburg	71.2	70.7	70.4	(1)	(1)	(1)	3.2	3.2	2.8	29.6	28.7	28.6
Newport News–Hampton	145.1	149.4	150.8	(1)	(1)	(1)	8.3	7.3	6.7	31.9	34.3	34.6
Norfolk–Virginia Beach–Portsmouth	284.3	287.1	289.5	(1)	(1)	(1)	18.1	17.5	16.8	30.1	29.2	29.5
Northern Virginia [4]	434.6	454.6	484.9	.4	.4	.4	21.7	20.4	20.5	17.5	18.9	20.0
Petersburg–Colonial Hgts.–Hopewell	46.9	46.3	44.7	(1)	(1)	(1)	2.6	2.9	2.0	11.9	11.0	10.5
Richmond	326.9	327.4	327.7	.4	.3	.3	20.8	19.0	17.5	55.8	56.3	56.5
Roanoke	105.0	104.9	102.8	.1	.1	.2	5.9	5.5	4.7	21.1	21.3	21.1
WASHINGTON	1,581.2	1,608.3	1,598.3	3.0	3.2	3.1	104.4	92.6	88.7	309.6	308.7	331.9
Seattle–Everett	760.3	782.6	775.2	(1)	(1)	(1)	44.8	40.6	37.2	168.4	173.2	158.7
Spokane	125.4	127.7	125.0	(1)	(1)	(1)	7.8	7.0	5.8	17.8	17.0	16.1
Tacoma	140.1	141.8	141.2	(1)	(1)	(1)	8.6	7.3	6.8	22.1	22.0	22.2
WEST VIRGINIA	658.6	645.9	624.0	66.0	65.7	58.0	39.0	35.8	28.4	126.1	117.2	111.4
Charleston	118.4	115.0	110.4	7.5	6.8	5.9	7.2	6.7	5.7	19.6	17.6	16.7
Huntington–Ashland	109.3	104.3	102.4	1.1	1.2	1.1	7.3	5.8	5.1	29.1	26.5	24.6
Parkersburg–Marietta	59.3	58.8	58.6	.7	.9	1.3	3.7	3.6	3.2	18.2	17.0	16.7
Wheeling	67.9	65.7	63.8	7.4	5.6	4.3	3.1	3.0	2.5	13.4	11.7	11.8
WISCONSIN	1,960.2	1,938.1	1,919.9	2.6	2.6	2.2	80.5	70.1	60.7	591.3	558.0	543.1
Appleton–Oshkosh	128.8	126.4	125.0	(1)	(1)	(1)	6.4	6.1	4.8	58.6	47.5	46.6
Eau Claire	47.7	47.6	48.4	(1)	(1)	(1)	2.0	1.9	1.6	9.0	8.8	9.1
Green Bay	77.5	78.0	78.7	(1)	(1)	(1)	3.7	3.2	2.1	21.8	21.8	21.9
Janesville–Beloit	53.6	48.9	50.6	(1)	(1)	(1)	1.9	1.8	1.3	21.8	17.4	19.0
Kenosha	45.7	44.8	41.5	(1)	(1)	(1)	3.0	2.5	1.6	18.3	18.0	15.6
La Crosse	43.4	44.9	45.3	(1)	(1)	(1)	1.8	1.6	1.5	10.7	10.9	10.4
Madison	166.9	169.8	178.6	(1)	(1)	(1)	7.7	6.6	6.0	19.9	20.0	20.3
Milwaukee	681.4	671.8	655.4	(1)	(1)	(1)	23.4	19.9	17.9	220.2	206.7	196.4
Racine	71.7	68.4	67.0	(1)	(1)	(1)	2.3	1.8	1.5	31.9	29.9	27.8

See footnote at end of table.

1. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

TRANSPORTATION AND PUBLIC UTILITIES			WHOLESALE AND RETAIL TRADE			FINANCE, INSURANCE, AND REAL ESTATE			SERVICES			GOVERNMENT			
AVG. 1979	AVG. 1980	AVG. 1981	AVG. 1979	AVG. 1980	AVG. 1981	AVG. 1979	AVG. 1980	AVG. 1981	AVG. 1979	AVG. 1980	AVG. 1981	AVG. 1979	AVG. 1980	AVG. 1981	
10.4	10.0	10.3	50.6	51.9	54.3	9.1	9.5	10.0	34.7	36.6	38.3	33.5	35.8	36.4	1
13.7	13.3	12.8	66.7	65.1	64.4	10.9	11.1	11.3	48.5	50.3	51.5	58.3	58.6	58.2	2
2.0	1.9	1.9	9.8	9.3	8.9	1.5	1.5	1.5	6.7	7.0	7.2	7.0	7.1	7.2	3
5.1	4.8	4.6	16.5	16.3	15.8	3.3	3.3	3.4	12.2	12.9	13.8	6.7	6.7	6.8	4
87.3	86.6	85.6	388.7	379.7	372.8	77.6	78.7	78.1	285.4	291.0	306.8	313.9	317.2	308.7	5
7.1	7.3	7.7	34.1	33.0	34.1	9.9	9.6	9.8	27.9	28.2	29.2	32.8	32.7	32.3	6
8.0	8.2	8.3	41.9	41.5	43.3	8.0	8.2	8.6	30.8	32.4	33.4	41.9	41.5	45.9	7
27.5	27.5	27.4	97.9	97.1	97.3	19.4	19.8	20.1	71.9	73.6	75.0	66.1	65.7	64.4	8
19.8	19.5	20.1	83.9	82.0	80.9	24.0	24.5	24.7	69.5	71.9	76.0	62.3	62.8	61.1	9
352.4	365.8	383.8	1,382.5	1,435.3	1,506.4	314.9	335.0	346.7	957.4	1,015.4	1,085.0	953.2	978.1	994.9	10
2.9	3.0	3.2	14.3	15.1	16.4	2.5	2.6	2.8	11.9	12.6	13.2	9.6	9.5	9.3	11
7.0	7.0	6.9	22.9	22.6	22.8	3.9	3.9	4.0	14.5	15.1	15.9	12.8	12.5	12.4	12
7.2	7.4	7.4	49.2	52.1	52.1	13.7	14.5	14.5	41.1	45.8	45.8	77.5	78.7	78.7	13
11.3	11.7	12.1	33.5	34.0	34.3	5.4	5.4	5.6	25.3	26.6	27.7	19.5	20.2	19.4	14
7.0	7.4	7.4	28.6	29.8	31.7	5.5	5.9	5.9	19.2	20.4	21.7	25.8	26.0	26.3	15
90.3	93.7	98.0	368.4	385.1	399.7	101.8	109.3	114.5	240.4	256.4	277.7	174.5	180.7	182.2	16
11.1	10.8	10.5	39.1	39.5	39.6	7.3	7.4	7.6	24.7	25.7	26.7	32.0	33.9	35.5	17
6.4	6.4	6.8	13.2	13.5	13.6	4.5	4.6	4.6	11.0	11.4	11.2	16.2	17.1	17.2	18
98.5	102.8	108.3	337.7	353.6	372.9	82.3	88.3	92.4	259.8	280.4	301.4	153.2	162.5	166.6	19
3.3	3.6	3.9	14.9	15.2	15.7	2.2	2.3	2.4	12.4	13.8	15.4	6.9	7.4	7.7	20
5.1	5.1	5.3	26.1	26.4	27.0	4.7	4.8	4.9	16.1	16.5	17.3	18.5	19.0	19.3	21
2.4	2.6	2.8	8.7	9.5	11.2	2.1	2.2	2.5	5.4	6.2	7.3	4.4	4.5	4.5	22
2.4	2.5	2.7	14.2	15.3	16.4	1.7	1.8	1.9	6.2	6.9	8.0	6.0	6.4	6.4	23
3.1	3.3	3.6	8.3	8.3	9.0	1.3	1.4	1.5	6.3	6.5	6.9	6.0	6.3	6.4	24
17.6	18.4	18.9	96.9	100.0	103.5	25.1	26.5	27.3	74.2	80.2	84.3	92.2	93.2	93.6	25
2.2	2.3	2.5	7.1	7.3	7.3	1.2	1.2	1.3	5.4	5.6	6.1	4.9	5.0	5.1	26
3.2	3.5	3.4	16.1	17.1	17.3	4.0	4.1	4.3	14.2	15.0	15.6	11.3	11.4	11.2	27
2.4	2.7	2.8	12.6	13.0	13.1	2.3	2.4	2.4	7.8	8.3	8.7	10.9	11.0	10.9	28
33.6	34.1	34.2	129.3	128.7	130.2	25.8	25.8	26.3	96.3	99.4	103.8	123.2	125.0	125.0	29
26.6	27.0	27.0	96.3	95.9	97.0	20.8	20.8	21.2	66.5	68.2	70.7	87.8	88.8	88.9	30
9.0	8.7	8.6	41.3	40.8	42.1	7.8	8.0	8.2	42.4	43.9	44.5	35.8	37.0	36.6	31
2.4	2.4	2.4	12.0	12.0	12.3	-	-	-	11.3	11.9	12.3	-	-	-	32
.7	.7	.8	2.2	2.3	2.7	-	-	-	2.7	2.7	2.6	-	-	-	33
114.2	115.8	116.6	443.9	451.2	462.8	104.4	105.9	106.2	383.5	408.3	415.8	493.5	511.2	509.6	34
1.1	1.1	1.3	6.6	6.4	6.4	1.0	.9	.9	3.5	3.5	3.4	5.0	5.3	5.0	35
2.7	2.7	2.7	12.0	12.1	12.1	3.3	3.2	3.3	10.2	10.5	10.9	10.2	10.2	10.0	36
5.0	4.8	4.9	28.1	28.5	28.9	4.8	4.8	4.8	27.4	29.5	30.5	39.6	40.2	40.3	37
19.2	19.3	19.6	68.0	68.7	70.4	14.8	15.2	14.9	53.6	56.4	58.6	80.5	80.8	79.7	38
28.6	31.8	32.0	100.6	105.1	111.6	27.4	28.6	29.1	111.7	120.6	124.6	116.7	118.8	118.8	39
1.5	1.4	1.3	8.5	8.5	8.8	1.3	1.3	1.2	5.8	6.2	6.7	15.3	15.0	14.3	40
19.4	19.6	19.7	75.3	75.9	76.2	26.2	26.5	26.4	57.9	58.2	60.1	71.1	71.6	71.0	41
10.2	10.1	9.7	26.1	25.4	25.0	6.2	6.3	6.1	19.8	20.4	20.7	15.6	15.8	15.4	42
89.4	91.4	89.3	379.1	381.3	382.7	89.4	91.8	91.4	290.8	308.5	317.0	315.5	330.8	324.2	43
51.3	53.2	51.5	183.8	187.1	186.4	53.7	56.5	57.3	142.9	151.9	155.8	115.4	120.1	118.3	44
8.0	8.1	8.2	35.8	35.4	35.0	8.1	8.0	7.8	26.2	29.3	30.2	21.7	22.9	21.9	45
6.6	6.7	6.5	33.2	32.9	33.3	7.1	7.0	6.9	30.2	31.3	32.3	32.3	34.6	33.2	46
43.8	43.1	41.5	131.9	129.4	131.0	21.7	22.0	22.0	97.8	99.5	101.2	130.1	133.1	130.5	47
10.0	9.8	9.5	27.3	26.5	26.2	5.1	5.2	5.2	20.1	20.2	20.7	21.6	22.1	20.6	48
10.1	9.6	9.4	23.8	23.3	24.2	4.0	3.9	3.7	15.7	15.5	15.6	18.0	18.4	18.6	49
2.7	2.5	2.4	13.0	12.9	12.9	2.0	2.0	2.1	9.4	10.1	10.2	9.8	9.8	9.8	50
3.8	3.8	3.6	15.8	15.6	15.1	2.7	2.7	2.8	13.1	13.8	14.0	8.7	9.4	9.6	51
92.2	92.1	90.8	441.2	436.8	432.4	90.3	93.3	95.9	351.9	364.2	375.9	310.1	321.1	319.0	52
4.5	4.3	4.3	26.3	26.0	26.0	5.1	5.4	5.6	20.0	20.6	21.2	15.9	16.5	16.5	53
2.7	2.6	2.7	12.8	12.7	12.8	1.6	1.6	1.7	9.5	9.7	10.0	10.1	10.3	10.6	54
5.7	5.8	5.9	19.6	19.6	19.8	2.4	2.4	2.6	14.3	14.9	15.3	10.0	10.1	10.2	55
2.2	2.0	2.1	11.6	11.2	11.0	1.3	1.3	1.4	8.4	8.6	8.9	6.3	6.6	6.8	56
1.4	1.4	1.3	8.3	8.4	8.3	1.0	1.0	1.0	7.6	7.7	7.9	6.1	5.9	5.9	57
2.4	2.4	2.3	11.4	11.7	11.9	1.1	1.1	1.1	9.4	10.1	11.0	6.6	7.0	7.2	58
6.1	6.3	6.3	35.4	36.0	36.3	12.1	12.8	13.5	30.4	31.1	32.6	55.3	57.1	55.6	59
34.7	34.5	34.0	147.8	144.3	141.3	38.0	39.5	40.4	136.1	141.0	145.8	81.2	85.9	83.6	60
2.2	2.3	2.3	13.4	13.2	13.2	2.3	2.3	2.3	11.2	11.3	11.3	8.4	8.6	8.6	61

1. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

	State and areas	Total			Mining			Contract Construction			Manufacturing		
		AVG. 1979	AVG. 1980	AVG. 1981	AVG. 1979	AVG. 1980	AVG. 1981	AVG. 1979	AVG. 1980	AVG. 1981	AVG. 1979	AVG. 1980	AVG. 1981
1	WYOMING	200.7	210.2	216.6	32.6	35.5	38.2	20.8	20.7	19.2	10.1	9.6	10.1
2	Casper	37.6	39.2	40.3	7.1	7.3	7.8	3.8	3.6	3.3	1.9	1.9	2.0
3	Cheyenne	29.5	30.5	30.9	(1)	(1)	(1)	2.2	2.3	1.9	1.8	1.7	1.4
4	Puerto Rico [2]	(*)	(*)	(*)	.8	.9	(*)	35.4	39.4	(*)	(*)	(*)	(*)
5	Caguas [3]	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
6	Mayaguez [4]	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
7	Ponce [5]	(*)	(*)	(*)	(*)	(*)	(*)	3.6	3.7	(*)	(*)	(*)	(*)
8	San Juan [3]	(*)	(*)	(*)	[illegible]	(*)	(*)	24.7	27.2	(*)	(*)	(*)	(*)
9	VIRGIN ISLANDS	36.1	37.3	37.3	(2)	(2)	(2)	2.8	3.5	3.6	3.2	3.2	3.1

[1] Combined with services.
[2] Employment based on March 1980 benchmark.
[3] Combined with construction.
[4] Area included in Chicago-Gary Standard Consolidated Statistical Area.
[5] Subarea of Baltimore Standard Metropolitan Area.
[6] Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.
[7] Subarea of New York—Northeastern New Jersey.
[8] Subarea of Rochester Standard Metropolitan Statistical Area.
[9] Area included in New York and Nassau-Suffolk combined SMSA's.
[10] Subarea of New York Standard Metropolitan Statistical Area.
[11] Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pennsylvania.
[12] Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Philadelphia County.
[13] Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Lackawanna County.
[14] Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Luzerne County.
[15] Total includes data for industry divisions not shown separately.
[16] Subarea of Washington, D.C. Standard Metropolitan Statistical Area: Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park cities, and Arlington, Fairfax, Loudoun, and Prince William Counties, Virginia.
p = preliminary.
*Not available.

SOURCE: Cooperating State agencies listed on inside back cover.

1. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

TRANSPORTATION AND PUBLIC UTILITIES			WHOLESALE AND RETAIL TRADE			FINANCE, INSURANCE, AND REAL ESTATE			SERVICES			GOVERNMENT			
AVG. 1979	AVG. 1980	AVG. 1981	AVG. 1979	AVG. 1980	AVG. 1981	AVG. 1979	AVG. 1980	AVG. 1981	AVG. 1979	AVG. 1980	AVG. 1981	AVG. 1979	AVG. 1980	AVG. 1981	
16.4	16.9	17.9	44.3	47.0	48.7	7.1	7.3	7.5	28.6	30.2	32.1	40.8	43.0	42.9	1
2.7	2.8	2.9	9.9	10.9	10.9	1.6	1.7	1.8	5.6	5.7	5.8	5.0	5.3	5.8	2
4.3	4.4	4.6	7.0	7.0	7.2	1.6	1.6	1.6	4.4	4.8	5.4	8.2	8.7	8.8	3
17.8	17.4	(*)	114.7	114.5	(*)	35.9	27.2	(*)	83.1	83.8	(*)	246.0	258.6	(*)	4
(*)	(*)	(*)	5.6	5.6	(*)	(*)	(*)	(*)	(*)	(*)	(*)	11.4	12.5	(*)	5
(*)	(*)	(*)	5.9	5.7	(*)	(*)	(*)	(*)	(*)	(*)	(*)	15.2	15.9	(*)	6
(*)	(*)	(*)	7.8	7.9	(*)	(*)	(*)	(*)	7.4	7.3	(*)	18.2	18.9	(*)	7
14.2	13.7	(*)	71.2	72.3	(*)	19.7	20.5	(*)	57.0	57.7	(*)	118.0	123.1	(*)	8
2.0	2.1	2.1	7.2	7.5	7.6	1.5	1.6	1.5	5.9	6.1	5.8	13.5	13.4	13.7	9

2. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	AVG. 1979	AVG. 1980	AVG. 1981	AVG. 1979	AVG. 1980	AVG. 1981	AVG. 1979	AVG. 1980	AVG. 1981
ALABAMA	$242.16	$260.25	$279.70	40.7	40.1	39.9	$5.95	$6.49	$7.01
Birmingham	285.82	302.65	314.42	40.6	40.3	39.8	7.04	7.51	7.90
Mobile	299.39	329.60	363.60	40.9	41.2	40.9	7.32	8.00	8.89
ALASKA	401.25	436.49	456.80	43.9	42.7	40.0	9.14	10.22	11.42
ARIZONA	268.77	292.33	316.81	40.6	40.1	39.7	6.62	7.29	7.98
Phoenix	268.21	289.04	314.02	40.7	40.2	39.8	6.59	7.19	7.89
Tucson	247.26	278.40	306.02	39.0	38.4	38.3	6.34	7.25	7.99
ARKANSAS	205.52	224.40	246.64	39.6	39.3	39.4	5.19	5.71	6.26
Fayetteville—Springdale	189.48	202.66	224.76	40.4	39.2	39.5	4.69	5.17	5.69
Fort Smith	209.97	218.30	247.04	39.1	37.9	38.6	5.37	5.76	6.40
Little Rock—North Little Rock	234.40	250.49	281.64	40.0	39.2	39.5	5.86	6.39	7.13
Pine Bluff	280.81	317.06	323.22	42.1	41.5	41.6	6.67	7.64	7.77
CALIFORNIA	280.50	304.15	338.98	39.9	39.5	39.6	7.03	7.70	8.56
Anaheim—Santa Ana—Garden Grove [1]	257.28	288.15	325.62	40.2	40.3	40.3	6.40	7.15	8.08
Bakersfield [1]	301.60	327.02	363.45	40.0	39.4	40.7	7.54	8.30	8.93
Fresno [1]	250.24	279.30	297.18	39.1	38.9	38.1	6.40	7.18	7.80
Los Angeles—Long Beach [1]	264.11	290.07	320.79	40.2	39.9	39.8	6.57	7.27	8.06
Modesto [1]	270.78	296.81	325.08	39.3	38.9	38.7	6.89	7.63	8.40
Oxnard—Simi Valley—Ventura [1]	246.39	262.68	289.84	39.5	38.8	38.8	6.23	6.77	7.47
Riverside—San Bernardino—Ontario [1]	289.92	299.15	329.78	40.1	38.6	39.4	7.23	7.75	8.37
Sacramento [1]	298.74	324.43	349.46	39.0	38.9	38.7	7.66	8.34	9.03
Salinas—Seaside—Monterey [1]	261.20	277.88	296.58	37.8	37.1	37.4	6.91	7.49	7.93
San Diego [1]	259.11	287.82	318.20	38.5	39.0	38.9	6.73	7.38	8.18
San Francisco—Oakland [1]	333.32	361.03	406.36	39.4	39.2	39.3	8.46	9.21	10.34
San Jose [1]	297.19	323.18	354.31	40.6	39.8	39.9	7.32	8.12	8.89
Santa Barbara—Santa Maria—Lompoc [1]	239.36	263.41	295.68	37.4	37.9	38.4	6.40	6.95	7.70
Santa Rosa [1]	251.08	272.03	299.15	38.1	38.1	38.8	6.59	7.14	7.71
Stockton [1]	300.17	326.67	353.53	39.6	39.5	39.5	7.58	8.27	8.95
Vallejo—Fairfield—Napa [1]	296.82	317.75	374.61	38.8	38.1	38.5	7.65	8.34	9.73
COLORADO	273.74	303.67	326.33	39.5	39.8	39.7	6.93	7.63	8.22
Denver—Boulder	271.96	302.51	325.51	39.3	39.7	39.6	6.92	7.62	8.22
CONNECTICUT	270.06	295.94	319.07	42.0	41.8	41.6	6.43	7.08	7.67
Bridgeport	285.55	311.58	336.48	43.2	42.8	42.7	6.61	7.28	7.88
Hartford	301.74	323.09	336.18	42.8	42.4	41.3	7.05	7.62	8.14
New Britain	281.85	306.55	328.80	42.9	42.4	42.1	6.57	7.23	7.81
New Haven—West Haven	269.86	283.27	296.51	41.2	40.7	39.8	6.55	6.96	7.45
Stamford	274.77	281.90	294.38	43.0	42.2	41.0	6.39	6.68	7.18
Waterbury	236.46	250.66	270.22	42.0	41.5	41.7	5.63	6.04	6.48
DELAWARE	278.08	306.99	323.28	39.5	40.5	40.3	7.04	7.58	8.27
Wilmington	316.00	352.95	383.76	39.5	40.7	40.1	8.00	8.69	9.57
DISTRICT OF COLUMBIA:									
Washington SMSA	303.41	332.48	348.10	39.2	39.3	39.2	7.74	8.46	8.88
FLORIDA	221.94	243.98	265.12	40.5	40.8	40.6	5.48	5.98	6.53
Fort Lauderdale—Hollywood	210.71	225.76	251.12	40.6	40.1	40.7	5.19	5.63	6.17
Jacksonville	259.31	283.03	315.51	40.9	40.9	41.9	6.34	6.92	7.53
Lakeland—Winter Haven [1]	259.92	282.00	299.81	45.6	44.2	43.2	5.70	6.38	6.94
Miami	193.52	206.32	232.22	39.9	39.6	41.1	4.85	5.21	5.65
Orlando [1]	234.11	263.76	291.13	41.0	41.8	42.5	5.71	6.31	6.85
Pensacola [1]	295.99	298.80	331.08	43.4	41.1	42.5	6.82	7.27	7.79
Tampa—St. Petersburg [1]	230.20	250.10	265.28	40.6	41.0	40.5	5.67	6.10	6.55
West Palm Beach—Boca Raton	247.42	275.22	290.63	41.1	41.7	41.4	6.02	6.60	7.02
GEORGIA	214.12	231.95	255.44	40.4	40.2	40.1	5.30	5.77	6.37
Atlanta	250.88	263.45	304.00	40.4	38.8	40.0	6.21	6.79	7.60
Savannah	300.47	325.43	358.66	43.8	43.8	43.9	6.86	7.43	8.17
HAWAII	244.35	258.17	289.90	38.3	37.8	38.5	6.38	6.83	7.53
Honolulu	240.53	256.74	280.88	37.7	37.7	37.5	6.38	6.81	7.49
IDAHO	265.04	280.11	311.09	38.3	37.1	37.8	6.92	7.55	8.23
Boise City	235.84	248.15	283.44	38.1	36.6	38.2	6.19	6.78	7.42

See footnotes at end of table.

2. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas—Continued

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	AVG. 1979	AVG. 1980	AVG. 1981	AVG. 1979	AVG. 1980	AVG. 1981	AVG. 1979	AVG. 1980	AVG. 1981
ILLINOIS	$296.55	$319.20	$356.28	40.7	39.8	40.0	$7.30	$8.02	$8.91
Bloomington—Normal	272.46	287.92	320.33	41.8	40.3	39.1	6.52	7.15	8.20
Champaign—Urbana—Rantoul	264.19	243.33	314.40	39.0	33.9	39.0	6.77	7.18	8.07
Chicago SMSA	283.08	299.39	325.15	40.2	39.6	39.5	7.03	7.57	8.24
Davenport—Rock Island—Moline	335.05	376.39	432.06	38.9	39.3	39.5	8.61	9.58	10.93
Decatur	327.72	339.34	415.73	41.3	37.1	39.3	7.93	9.15	10.57
Kankakee	(*)	275.51	293.78	(*)	39.2	37.8	(*)	7.02	7.77
Peoria	344.26	391.98	461.97	38.7	39.3	39.3	8.89	9.97	11.75
Rockford	300.22	310.25	362.00	41.8	40.1	40.6	7.18	7.76	8.91
Springfield	327.99	311.71	385.66	42.7	38.8	40.1	7.68	8.04	9.62
INDIANA	315.94	337.90	375.74	40.5	39.8	40.1	7.79	8.49	9.37
Gary—Hammond—East Chicago	423.95	444.43	505.85	41.2	39.4	40.5	10.29	11.28	12.49
Indianapolis	315.70	338.96	375.96	41.0	40.4	40.6	7.70	8.39	9.26
IOWA	313.88	343.33	379.20	40.5	39.6	39.5	7.75	8.67	9.60
Cedar Rapids	317.18	346.52	380.65	41.3	40.2	39.9	7.68	8.62	9.54
Des Moines	317.58	347.49	385.61	39.5	39.0	38.6	8.04	8.91	9.99
Dubuque	365.71	396.70	421.98	40.1	39.2	39.0	9.12	10.12	10.82
Sioux City	288.69	328.75	316.00	41.3	41.3	39.5	6.99	7.96	8.00
Waterloo—Cedar Falls	420.83	453.46	495.01	43.7	41.0	39.1	9.63	11.06	12.66
KANSAS	273.10	297.75	325.22	40.7	40.4	40.4	6.71	7.37	8.05
Topeka	290.21	308.40	341.60	41.4	40.0	39.4	7.01	7.71	8.67
Wichita	297.91	328.86	363.13	41.9	40.5	41.5	7.11	8.12	8.75
KENTUCKY	266.74	286.99	308.90	39.4	39.1	39.3	6.77	7.34	7.86
Lexington—Fayette	262.01	282.20	318.98	39.4	38.5	38.9	6.65	7.33	8.20
Louisville	309.06	330.96	366.96	40.4	39.4	39.8	7.65	8.40	9.22
LOUISIANA	287.86	318.89	362.08	41.3	41.2	42.2	6.97	7.74	8.58
Baton Rouge	365.51	416.56	451.76	42.7	42.9	42.3	8.56	9.71	10.68
New Orleans	278.47	322.28	348.53	40.3	41.8	41.1	6.91	7.71	8.48
Shreveport	250.97	276.51	317.54	39.9	39.9	41.4	6.29	6.93	7.67
MAINE	217.34	240.00	269.06	40.1	40.0	40.4	5.42	6.00	6.66
Lewiston—Auburn	175.68	193.55	212.04	37.7	38.1	39.0	4.66	5.08	5.58
Portland	210.14	229.91	251.81	39.5	39.3	38.8	5.32	5.85	6.49
MARYLAND	283.60	301.36	334.76	40.0	39.6	39.9	7.09	7.61	8.39
Baltimore	300.98	318.77	353.90	40.4	40.3	40.4	7.45	7.91	8.76
MASSACHUSETTS	239.80	257.80	280.40	40.1	39.6	40.0	5.98	6.51	7.01
Boston	264.55	280.99	305.47	40.7	39.8	40.3	6.50	7.06	7.58
Brockton	187.83	205.00	225.37	38.1	38.9	39.4	4.93	5.27	5.72
Fall River	179.63	189.59	212.06	37.5	36.6	37.8	4.79	5.18	5.61
Lawrence—Haverhill	240.60	273.06	289.84	40.1	41.0	40.2	6.00	6.66	7.21
Lowell	204.48	230.88	456.07	38.8	38.8	39.7	5.27	5.95	6.45
New Bedford	207.97	213.90	234.00	38.8	37.2	37.5	5.35	5.75	6.24
Springfield—Chicopee—Holyoke	241.90	260.82	284.54	41.0	40.5	41.0	5.90	6.44	6.94
Worcester	241.60	259.12	287.03	40.2	39.5	39.7	6.01	6.56	7.23
MICHIGAN	359.72	381.87	426.27	41.2	40.1	40.5	8.73	9.52	10.53
Ann Arbor	390.59	401.95	470.58	42.4	39.9	42.2	9.21	10.07	11.14
Battle Creek	352.72	377.42	423.38	40.9	40.4	40.9	8.62	9.34	10.36
Bay City	319.15	347.94	378.54	41.4	40.7	40.7	7.71	8.55	9.31
Detroit	393.47	418.56	457.16	42.3	41.1	41.0	9.30	10.18	11.15
Flint	405.63	443.30	492.59	41.8	41.1	40.6	9.70	10.79	12.14
Grand Rapids	294.68	315.68	347.83	40.5	39.9	39.8	7.28	7.91	8.73
Jackson	323.48	354.44	399.24	42.0	42.1	43.0	7.70	8.42	9.27
Kalamazoo—Portage	321.76	346.92	401.50	40.2	40.0	40.3	8.00	8.67	9.97
Lansing—East Lansing	372.41	385.37	470.22	40.3	37.8	39.0	9.24	10.20	12.07
Muskegon—Norton Shores—Muskegon Heights	305.68	333.94	360.32	40.3	40.2	40.3	7.59	8.31	8.95
Saginaw	404.65	424.49	497.31	41.3	39.4	40.4	9.80	10.77	12.31
MINNESOTA	277.20	299.83	330.96	40.0	39.4	39.4	6.93	7.61	8.40
Duluth—Superior	264.27	267.00	331.85	39.8	37.5	39.6	6.64	7.12	8.38
Minneapolis—St. Paul	297.34	317.19	348.69	40.4	39.5	39.4	7.36	8.03	8.85
St. Cloud	209.41	215.12	248.12	37.8	34.2	35.7	5.54	6.29	6.95

See footnotes at end of table.

2. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas—Continued

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	AVG. 1979	AVG. 1980	AVG. 1981	AVG. 1979	AVG. 1980	AVG. 1981	AVG. 1979	AVG. 1980	AVG. 1981
MISSISSIPPI	$196.32	$213.79	$236.19	39.6	39.3	39.3	$4.95	$5.44	$6.01
Jackson	223.02	239.76	260.09	41.3	40.5	40.2	5.40	5.92	6.47
MISSOURI	264.55	284.59	318.37	39.5	39.2	40.3	6.70	7.26	7.90
Kansas City	304.80	323.14	355.81	40.0	39.6	39.8	7.62	8.16	8.94
St. Joseph	249.80	275.02	285.92	39.4	39.8	38.9	6.34	6.91	7.35
St. Louis	303.11	324.32	353.81	40.2	39.6	39.4	7.54	8.19	8.98
Springfield	234.82	263.21	297.54	39.4	39.7	40.1	5.96	6.63	7.42
MONTANA	362.08	379.30	370.23	42.9	43.2	41.0	8.44	8.78	9.03
NEBRASKA	269.69	299.63	324.01	41.3	40.6	40.4	6.53	7.38	8.02
Lincoln	255.45	278.74	298.74	39.0	38.5	38.3	6.55	7.24	7.80
Omaha	279.45	300.56	327.46	40.5	39.6	39.5	6.90	7.59	8.29
NEVADA	267.58	294.90	325.01	38.5	38.2	38.6	6.95	7.72	8.42
Las Vegas	348.38	359.33	417.50	39.1	39.4	39.8	8.91	9.12	10.49
NEW HAMPSHIRE [2]	215.34	233.63	255.76	40.1	39.8	39.9	5.37	5.87	6.41
Manchester [2]	197.06	218.12	236.34	39.1	39.3	39.0	5.04	5.55	6.06
Nashua [2]	248.17	260.18	283.69	41.5	40.4	39.9	5.98	6.44	7.11
NEW JERSEY	276.45	295.57	322.08	41.2	40.6	40.7	6.71	7.28	7.91
Atlantic City	227.35	236.85	242.27	38.6	37.2	36.9	5.89	6.36	6.57
Camden [1]	264.62	300.29	330.48	40.4	40.8	40.6	6.55	7.36	8.14
Hackensack [1]	249.49	268.62	290.13	40.7	40.7	41.3	6.13	6.60	7.03
Jersey City [1]	266.09	290.19	310.52	41.0	40.7	40.4	6.49	7.13	7.68
New Brunswick—Perth Amboy—Sayreville [1]	315.23	344.03	381.22	41.1	41.7	42.4	8.31	8.25	9.00
Newark [1]	286.70	305.04	337.79	42.1	41.0	41.4	6.81	7.44	8.16
Paterson—Clifton—Passaic [1]	257.29	283.56	314.56	41.1	41.7	42.6	6.26	6.80	7.39
Trenton	278.99	296.77	322.32	40.2	39.1	39.1	6.94	7.59	8.24
NEW MEXICO	211.72	230.44	258.59	39.5	39.8	39.6	5.36	5.79	6.53
Albuquerque	214.92	246.60	265.46	39.8	41.1	40.1	5.40	6.00	6.62
NEW YORK	260.17	282.89	308.90	39.6	39.4	39.4	6.57	7.18	7.84
Albany—Schenectady—Troy	278.59	302.25	328.84	40.2	40.3	40.2	6.93	7.50	8.18
Binghamton	243.31	268.96	293.23	41.1	41.0	41.3	5.92	6.56	7.10
Buffalo	347.71	369.84	405.62	41.1	40.2	40.2	8.46	9.20	10.09
Elmira	264.14	285.32	311.48	40.7	40.3	40.4	6.49	7.08	7.71
Monroe County [1]	348.19	382.47	421.45	41.8	41.8	41.4	8.33	9.15	10.18
Nassau—Suffolk [1]	244.95	271.83	297.94	39.7	39.8	40.1	6.17	6.83	7.43
New York—Northeastern New Jersey	248.75	270.28	(*)	39.8	39.4	(*)	6.25	6.86	(*)
New York and Nassau—Suffolk [4]	225.93	246.35	268.28	38.1	37.9	38.0	5.93	6.50	7.06
New York SMSA [1]	221.30	239.73	259.93	37.7	37.4	37.4	5.87	6.41	6.95
New York City [1]	217.46	235.69	255.99	37.3	37.0	37.1	5.83	6.37	6.90
Poughkeepsie	264.39	289.67	324.65	42.1	41.8	43.0	6.28	6.93	7.55
Rochester	327.02	357.70	394.70	41.5	41.4	41.2	7.88	8.64	9.58
Rockland County [1]	250.70	274.04	301.50	40.5	40.3	40.2	6.19	6.80	7.50
Syracuse	291.58	315.82	340.68	41.3	41.5	40.8	7.06	7.61	8.35
Utica—Rome	250.26	266.39	294.74	40.3	39.7	40.1	6.21	6.71	7.35
Westchester County [1]	248.88	270.66	291.67	40.6	40.7	39.9	6.13	6.65	7.31
NORTH CAROLINA	192.85	211.04	232.25	39.6	39.3	39.1	4.87	5.37	5.94
Asheville	191.75	209.22	228.31	40.2	39.7	39.5	4.77	5.27	5.78
Charlotte—Gastonia	197.80	215.74	239.59	40.7	40.4	40.2	4.86	5.34	5.96
Greensboro—Winston-Salem—High Point	210.14	232.66	255.57	39.5	39.3	38.9	5.32	5.92	6.57
Raleigh—Durham	219.85	244.55	267.13	39.9	39.7	39.4	5.51	6.16	6.79
NORTH DAKOTA	233.82	246.00	271.27	39.1	37.5	38.1	5.98	6.56	7.12
Fargo—Moorhead	251.29	266.35	288.04	38.9	37.2	38.1	6.46	7.16	7.56
OHIO	325.36	347.94	389.78	41.5	40.6	40.9	7.84	8.57	9.53
Akron	331.57	361.88	397.10	41.6	41.5	41.8	7.73	8.72	9.50
Canton	330.88	342.81	390.40	40.9	39.0	40.0	8.09	8.79	9.76
Cincinnati	303.37	332.07	360.86	41.5	41.2	41.1	7.31	8.06	8.78
Cleveland	337.60	350.38	395.38	42.2	40.6	41.1	8.00	8.63	9.62
Columbus	282.71	305.34	346.80	40.1	39.5	40.0	7.05	7.73	8.67
Dayton	336.80	358.98	397.85	42.1	41.5	41.4	8.00	8.65	9.61
Toledo	332.93	361.34	406.14	43.9	40.6	40.9	8.14	8.90	9.93
Youngstown—Warren	377.23	409.77	476.10	40.7	39.9	40.8	9.27	10.27	11.62

See footnotes at end of table.

2. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas—Continued

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	AVG. 1979	AVG. 1980	AVG. 1981	AVG. 1979	AVG. 1980	AVG. 1981	AVG. 1979	AVG. 1980	AVG. 1981
OKLAHOMA	$264.46	$295.14	$328.82	40.5	40.1	40.1	$6.53	$7.36	$8.20
Oklahoma City	269.10	316.68	343.87	41.4	40.6	39.8	6.50	7.80	8.64
Tulsa	283.20	310.82	353.74	40.4	39.9	40.8	7.01	7.79	8.67
OREGON [1]	304.92	329.57	(*)	38.5	38.1	(*)	7.92	8.65	(*)
Eugene—Springfield [1]	331.35	360.24	(*)	39.4	39.5	(*)	8.41	9.12	(*)
Jackson County [1]	313.56	333.21	(*)	39.0	38.3	(*)	8.04	8.70	(*)
Portland [1]	292.59	325.66	(*)	37.9	38.0	(*)	7.72	8.57	(*)
Salem [1]	(*)	299.63	(*)	(*)	36.9	(*)	(*)	8.12	(*)
PENNSYLVANIA	278.10	294.49	325.36	39.9	38.8	39.2	6.97	7.59	8.30
Allentown—Bethlehem—Easton	277.29	300.25	333.12	38.3	38.2	38.6	7.24	7.86	8.63
Altoona	238.55	253.72	275.28	39.2	38.5	38.5	6.07	6.59	7.15
Delaware Valley [2]	284.80	304.10	333.13	40.0	39.7	39.8	7.12	7.66	8.37
Erie	288.29	313.75	350.17	41.6	40.8	41.1	6.93	7.69	8.52
Harrisburg	264.55	290.79	308.83	40.7	40.5	39.9	6.50	7.18	7.74
Johnstown	299.44	311.17	328.24	39.4	37.0	37.3	7.60	8.41	8.80
Lancaster	246.04	260.55	283.02	40.6	39.9	39.2	6.06	6.53	7.22
Northeast Pennsylvania	195.58	215.72	234.15	36.7	36.5	36.7	5.34	5.91	6.38
Philadelphia SMSA	281.50	302.84	332.80	40.1	39.9	40.0	7.02	7.59	8.32
Pittsburgh	345.17	360.89	404.00	40.8	39.1	40.4	8.46	9.23	10.00
Reading	248.71	278.16	307.69	38.5	39.4	39.6	6.46	7.06	7.77
Scranton [1, 3]	195.08	209.81	(*)	37.3	36.3	(*)	5.23	5.78	(*)
Wilkes-Barre—Hazleton [1, 3]	195.84	216.81	(*)	36.2	36.5	(*)	5.41	5.94	(*)
Williamsport	247.43	275.01	303.73	39.4	39.4	39.6	6.28	6.98	7.67
York	254.81	271.75	303.96	41.5	40.2	40.8	6.14	6.76	7.46
RHODE ISLAND	199.41	219.69	239.73	39.1	39.3	39.3	5.10	5.59	6.10
Providence—Warwick—Pawtucket	199.64	218.12	238.76	39.3	39.3	39.4	5.08	5.55	6.06
SOUTH CAROLINA	208.08	225.28	249.67	40.8	40.3	40.4	5.10	5.59	6.18
Charleston—North Charleston	235.82	260.18	272.16	40.8	40.4	39.5	5.78	6.44	6.89
Columbia	204.97	217.49	240.18	39.8	39.4	39.7	5.15	5.52	6.05
Greenville—Spartanburg	205.54	222.40	245.02	40.7	40.0	40.3	5.05	5.56	6.08
SOUTH DAKOTA	238.83	265.85	296.19	41.9	40.9	41.6	5.70	6.50	7.12
Rapid City [1]	190.35	207.13	(*)	35.0	33.3	(*)	5.43	6.22	(*)
Sioux Falls	327.58	374.18	420.73	46.4	45.3	46.8	7.06	8.26	8.99
TENNESSEE	220.73	241.38	268.13	39.7	39.7	39.9	5.56	6.08	6.72
Chattanooga	224.62	247.25	265.36	40.4	40.6	40.7	5.55	6.09	6.52
Knoxville	260.98	274.51	296.56	40.4	39.9	39.7	6.46	6.88	7.47
Memphis	250.22	275.77	302.25	40.1	40.2	40.3	6.24	6.86	7.50
Nashville—Davidson	237.21	256.89	298.00	39.8	39.4	40.6	5.96	6.52	7.34
TEXAS	265.51	294.58	328.34	41.1	41.2	41.3	6.46	7.15	7.95
Abilene [1]	(*)	195.70	221.03	(*)	41.2	42.1	(*)	4.75	5.25
Amarillo [1]	255.27	288.15	311.81	40.2	41.7	40.6	6.35	6.91	7.68
Austin [1]	206.23	230.34	257.36	41.0	40.5	41.1	5.03	5.69	6.26
Beaumont—Port Arthur—Orange [1]	383.04	420.85	450.84	42.0	41.3	40.8	9.12	10.19	11.05
Corpus Christi [1]	283.77	313.05	345.28	39.8	41.3	41.5	7.13	7.58	8.32
Dallas—Fort Worth	245.83	273.50	309.26	40.7	40.7	40.8	6.04	6.72	7.58
El Paso [1]	224.80	234.27	223.44	40.0	41.1	39.9	5.62	4.97	5.60
Galveston—Texas City [1]	407.89	429.72	494.64	42.4	41.2	43.2	9.62	10.43	11.45
Houston	323.94	374.11	419.87	43.2	43.2	43.5	7.73	8.66	9.63
Longview—Marshall [1]	(*)	297.68	328.86	(*)	40.5	40.6	(*)	7.35	8.13
Lubbock [1]	203.94	230.83	254.38	41.2	41.3	40.7	4.95	5.62	6.25
San Angelo [1]	184.13	205.59	222.48	41.1	41.2	39.8	4.48	4.99	5.59
San Antonio	190.40	212.18	236.06	40.0	41.2	40.7	4.76	5.15	5.80
Sherman—Denison [1]	(*)	257.35	285.12	(*)	40.4	39.6	(*)	6.37	7.20
Waco [1]	224.64	245.78	268.37	39.9	39.9	40.6	5.63	6.16	6.61
Wichita Falls [1]	235.20	264.26	295.10	40.0	40.1	41.1	5.88	6.59	7.19
UTAH	245.31	274.48	307.65	39.0	39.1	39.8	6.29	7.02	7.73
Salt Lake City—Ogden	231.08	263.47	297.54	39.1	39.5	40.1	5.91	6.67	7.42
VERMONT	225.62	249.28	271.60	40.8	40.6	40.0	5.53	6.14	6.79
Burlington	249.30	274.72	296.94	41.9	42.2	41.6	5.95	6.51	7.21
Springfield	266.91	285.76	308.80	42.2	41.9	40.9	6.31	6.82	7.55

See footnotes at end of table.

2. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas—Continued

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	AVG. 1979	AVG. 1980	AVG. 1981	AVG. 1979	AVG. 1980	AVG. 1981	AVG. 1979	AVG. 1980	AVG. 1981
VIRGINIA	$221.53	$244.45	$269.68	39.7	39.3	39.6	$5.58	$6.22	$6.81
Bristol	204.50	206.07	226.98	37.8	37.4	37.5	5.41	5.51	6.05
Lynchburg	224.32	240.57	270.14	40.2	39.2	40.2	5.58	6.13	6.72
Norfolk—Virginia Beach—Portsmouth	255.64	271.21	293.45	41.1	40.6	41.1	6.22	6.68	7.14
Northern Virginia [1]	250.80	277.01	295.20	40.0	39.8	40.0	6.27	6.96	7.38
Petersburg—Colonial Heights—Hopewell	266.85	300.56	336.26	38.9	39.6	39.1	6.86	7.59	8.60
Richmond	275.60	318.40	350.61	40.0	40.0	40.3	6.89	7.96	8.70
Roanoke	206.80	232.22	253.04	40.0	39.9	39.5	5.17	5.82	6.39
WASHINGTON	323.85	361.34	405.07	38.6	38.4	38.8	8.39	9.41	10.44
Seattle—Everett	334.70	373.44	421.74	39.1	38.9	39.6	8.56	9.60	10.65
Spokane [2]	289.91	332.88	359.25	38.5	38.0	37.5	7.53	8.76	9.58
Tacoma [2]	321.79	353.82	404.53	38.4	37.6	38.6	8.38	9.41	10.48
WEST VIRGINIA	293.44	316.74	346.72	39.6	39.2	39.4	7.41	8.08	8.80
Charleston	326.04	365.25	419.48	41.8	41.6	42.5	7.80	8.78	9.87
Huntington—Ashland	323.44	360.38	393.62	39.3	39.3	39.6	8.23	9.17	9.94
Parkersburg—Marietta	309.59	336.61	378.53	41.5	40.9	41.1	7.46	8.23	9.21
Wheeling	306.40	344.66	389.05	40.0	39.3	39.1	7.66	8.77	9.95
WISCONSIN	297.00	323.10	352.55	40.9	40.2	40.1	7.27	8.03	8.80
Appleton—Oshkosh	295.20	315.59	353.08	41.9	41.1	41.9	7.05	7.67	8.43
Eau Claire	288.08	318.24	342.72	40.5	41.0	40.9	7.12	7.76	8.38
Green Bay	304.51	335.30	371.31	41.7	41.7	41.7	7.29	8.04	8.91
Janesville—Beloit	312.40	337.12	364.55	40.0	40.3	39.6	7.81	8.37	9.22
Kenosha	350.14	371.41	398.76	41.0	39.9	39.6	8.54	9.32	10.07
La Crosse	240.46	281.56	310.13	40.3	40.3	40.2	5.97	6.99	7.71
Madison	288.92	320.44	336.75	39.6	39.1	39.2	7.30	8.19	8.59
Milwaukee	325.10	356.21	388.09	40.9	40.3	40.0	7.96	8.85	9.71
Racine	320.56	344.35	375.16	41.8	40.2	39.7	7.67	8.56	9.44
WYOMING	251.17	272.69	314.41	37.6	38.9	39.9	6.68	7.01	7.88
VIRGIN ISLANDS	274.03	295.10	359.98	40.9	41.1	42.3	6.70	7.18	8.51

[1] Hours and earnings based on March 1980 benchmark.
[2] Data for 1980 not comparable with earlier years.
[3] Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.
[4] Subarea of New York-Northeastern New Jersey.
[5] Subarea of Rochester Standard Metropolitan Statistical Area.
[6] Area included in New York and Nassau-Suffolk combined SMSA's.
[7] Subarea of New York Standard Metropolitan Statistical Area.
[8] Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical area: Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pennsylvania.
[9] Subarea of Northeast Pennsylvania Standard Metropolitan Statistical area: Lackawanna County.
[10] Subarea of Northeast Pennsylvania Standard Metropolitan Statistical area: Luzerne County.
[11] Subarea of Washington, D.C. Standard Metropolitan Statistical area: Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park cities and Arlington, Fairfax, Loudoun, and Prince William Counties, Virginia.
* Not available.

SOURCE: Cooperating State agencies listed on inside back cover.

ALABAMA
- Birmingham.....Jefferson, St. Clair, Shelby, and Walker Counties
- Huntsville.....Limestone, Madison, and Marshall Counties
- Mobile.....Baldwin and Mobile Counties
- Montgomery.....Autauga, Elmore, and Montgomery Counties
- Tuscaloosa.....Tuscaloosa County

ARIZONA
- Phoenix.....Maricopa County
- Tucson.....Pima County

ARKANSAS
- Fayetteville-Springdale.....Benton and Washington Counties
- Fort Smith.....Crawford and Sebastian Counties, Ark.; Le Flore and Sequoyah Counties, Okla.
- Little Rock-N. Little Rock.....Pulaski and Saline Counties
- Pine Bluff.....Jefferson County

CALIFORNIA
- Anaheim-Santa Ana-Garden Grove.....Orange County
- Bakersfield.....Kern County
- Fresno.....Fresno County
- Los Angeles-Long Beach.....Los Angeles County
- Modesto.....Stanislaus County
- Oxnard-Simi Valley-Ventura.....Ventura County
- Riverside-San Bernardino-Ontario..Riverside and San Bernardino Counties
- Sacramento.....Placer, Sacramento, and Yolo Counties
- Salinas-Seaside-Monterey.....Monterey County
- San Diego.....San Diego County
- San Francisco-Oakland.....Alameda, Contra Costa, Marin, San Francisco, and San Mateo Counties
- San Jose.....Santa Clara County
- Santa Barbara-Santa Maria-Lompoc.....Santa Barbara County
- Santa Rosa.....Sonoma County
- Stockton.....San Joaquin County
- Vallejo-Fairfield-Napa.....Napa and Solano Counties

COLORADO
- Denver-Boulder.....Adams, Arapahoe, Boulder, Clear Creek, Denver, Douglas, Gilpin, and Jefferson Counties

CONNECTICUT
- Bridgeport.....Bridgeport and Shelton cities, and Easton, Fairfield, Monroe, Stratford, and Trumbull towns in Fairfield County; Derby and Milford cities in New Haven County
- Hartford.....Hartford city, and Avon, Bloomfield, Canton, East Granby, East Hartford, East Windsor, Enfield, Farmington, Glastonbury, Granby, Manchester, Marlborough, Newington, Rocky Hill, Simsbury, South Windsor, Suffield, West Hartford, Wethersfield, Windsor, and Windsor Locks towns in Hartford County; Colchester town in New London County; Andover, Bolton, Columbia, Coventry, Ellington, Hebron, Somers, Stafford, Tolland, Vernon, and Willington towns in Tolland County
- New Britain.....New Britain city, and Berlin, Plainville, and Southington towns in Hartford County
- New Haven-West Haven.....New Haven and West Haven cities, and Bethany, Branford, East Haven, Guilford, Hamden, Madison, North Branford, North Haven, Orange, Wallingford, and Woodbridge towns in New Haven County; Clinton town in Middlesex County

CONNECTICUT--Continued
- Stamford.....Stamford city, and Darien, Greenwich, and New Canaan towns in Fairfield County
- Waterbury.....Waterbury city, Naugatuck borough, and Beacon Falls, Cheshire, Middlebury, Prospect, Southbury, and Wolcott towns in New Haven County; Bethlehem, Thomaston, Watertown, and Woodbury towns in Litchfield County

DELAWARE
- Wilmington.....New Castle County, Del.; Cecil County, Md.; Salem County, N.J.

DISTRICT OF COLUMBIA
- Washington SMSA.....District of Columbia; Charles, Montgomery, and Prince Georges Counties, Md.; Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park cities, and Arlington, Fairfax, Loudoun, and Prince William Counties, Va.

FLORIDA
- Bradenton.....Manatee County
- Daytona Beach.....Volusia County
- Fort Lauderdale-Hollywood.....Broward County
- Fort Myers-Cape Coral.....Lee County
- Gainesville.....Alachua County
- Jacksonville.....Baker, Clay, Duval, Nassau, and St. Johns Counties
- Lakeland-Winter Haven.....Polk County
- Melbourne-Titusville-Cocoa.....Brevard County
- Miami.....Dade County
- Orlando.....Orange, Osceola, and Seminole Counties
- Panama City.....Bay County
- Pensacola.....Escambia and Santa Rosa Counties
- Sarasota.....Sarasota County
- Tallahassee.....Leon and Wakulla Counties
- Tampa-St. Petersburg.....Hillsborough, Pasco, and Pinellas Counties
- West Palm Beach-Boca Raton.....Palm Beach County

GEORGIA
- Albany.....Dougherty and Lee Counties
- Atlanta.....Butts, Cherokee, Clayton, Cobb, De Kalb, Douglas, Fayette, Forsyth, Fulton, Gwinnett, Henry, Newton, Paulding, Rockdale, and Walton Counties
- Augusta.....Columbia and Richmond Counties, Ga.; Aiken County, S.C.
- Columbus.....Columbus (consolidated government), and Chattahooche County, Ga.; Russell County, Ala.
- Macon.....Bibb, Houston, Jones, and Twiggs Counties
- Savannah.....Bryan, Chatham, and Effingham Counties

HAWAII
- Honolulu.....Honolulu County

IDAHO
- Boise City.....Ada County

ILLINOIS
- Bloomington-Normal...McLean County
- Champaign-Urbana-Rantoul.....Champaign County
- Chicago-Gary.....A Standard Consolidated Statistical Area comprised of Chicago, Ill. SMSA and Gary-Hammond-East Chicago, Ind. SMSA
- Chicago SMSA.....Cook, Du Page, Kane, Lake, McHenry, and Will Counties
- Davenport-Rock Island-Moline.....Henry and Rock Island Counties, Ill.; Scott County, Iowa
- Decatur.....Macon County
- Kankakee.....Kankakee County

ILLINOIS--Continued
- Peoria.....Peoria, Tazewell, and Woodford Counties
- Rockford.....Boone and Winnebago Counties
- Springfield.....Menard and Sangamon Counties

INDIANA
- Anderson.....Madison County
- Elkhart.....Elkhart County
- Evansville.....Gibson, Posey, Vanderburgh, and Warrick Counties, Ind.; Henderson County, Ky.
- Fort Wayne.....Adams, Allen, DeKalb, and Wells Counties
- Gary-Hammond-East Chicago.....Lake and Porter Counties
- Indianapolis.....Boone, Hamilton, Hancock, Hendricks, Johnson, Marion, Morgan, and Shelby Counties
- Lafayette-West Lafayette.....Tippecanoe County
- Muncie.....Delaware County
- South Bend.....Marshall and St. Joseph Counties
- Terre Haute.....Clay, Sullivan, Vermillion, and Vigo Counties

IOWA
- Cedar Rapids.....Linn County
- Des Moines.....Polk and Warren Counties
- Dubuque.....Dubuque County
- Sioux City.....Woodbury County, Iowa; Dakota County, Neb.
- Waterloo-Cedar Falls.....Black Hawk County

KANSAS
- Lawrence.....Douglas County
- Topeka.....Jefferson, Osage, and Shawnee Counties
- Wichita.....Butler and Sedgwick Counties

KENTUCKY
- Lexington-Fayette....Bourbon, Clark, Fayette, Jessamine, Scott, and Woodford Counties
- Louisville.....Bullitt, Jefferson, and Oldham Counties, Ky.; Clark and Floyd Counties, Ind.
- Owensboro.....Daviess County

LOUISIANA
- Alexandria.....Avoyelles, Grant, and Rapides Parishes
- Baton Rouge.....Ascension, East Baton Rouge, Livingston, and West Baton Rouge Parishes
- Lafayette.....Lafayette Parish
- Lake Charles.....Calcasieu Parish
- Monroe.....Ouachita Parish
- New Orleans.....Jefferson, Orleans, St. Bernard, and St. Tammany Parishes
- Shreveport.....Bossier, Caddo, and Webster Parishes

MAINE
- Lewiston-Auburn.....Auburn and Lewiston cities, and Lisbon town in Androscoggin County
- Portland.....Portland, South Portland, and Westbrook cities, and Cape Elizabeth, Cumberland, Falmouth, Freeport, Gorham, Scarborough, Windham, and Yarmouth towns in Cumberland County; Saco city, and Old Orchard Beach town in York County

MARYLAND
- Baltimore SMSA.....Baltimore city, and Anne Arundel, Baltimore, Carroll, Harford, and Howard Counties
- Baltimore City.....Baltimore City

MASSACHUSETTS
- Boston.....Suffolk County; Cambridge, Everett, Malden, Medford, Melrose, Newton, Somerville, Waltham, and Woburn cities, and Acton, Arlington, Ashland, Bedford, Belmont, Boxborough, Burlington, Carlisle, Concord, Framingham, Holliston, Lexington, Lincoln, Natick, North Reading, Reading, Sherborn, Stoneham, Sudbury, Wakefield, Watertown, Wayland, Weston, Wilmington, and Winchester towns in Middlesex County; Beverly, Lynn, Peabody, and Salem cities, and Boxford, Danvers, Hamilton, Lynnfield, Manchester, Marblehead, Middleton, Nahant, Saugus, Swampscott, Topsfield, and Wenham towns in Essex County; Quincy city, and Bellingham, Braintree, Brookline, Canton, Cohasset, Dedham, Dover, Foxborough, Franklin, Holbrook, Medfield, Medway, Millis, Milton, Needham, Norfolk, Norwood, Randolph, Sharon, Stoughton, Walpole, Wellesley, Westwood, Weymouth, and Wrentham towns in Norfolk County; Abington, Duxbury, Hanover, Hanson, Hingham, Hull, Kingston, Marshfield, Norwell, Prembroke, Rockland, and Scituate towns in Plymouth County
- Brockton.....Brockton city, and Bridgewater, East Bridgewater, Halifax, West Bridgewater, and Whitman towns in Plymouth County; Easton town in Bristol County; Avon town in Norfolk County
- Fall River.....Fall River city, and Dighton, Somerset, Swansea, and Westport towns in Bristol County, Mass.; Little Compton and Tiverton towns in Newport County, R.I.
- Lawrence-Haverhill...Lawrence and Haverhill cities, and Amesbury, Andover, Georgetown, Groveland, Merrimac, Methuen, North Andover, Salisbury, and West Newbury towns in Essex County, Mass.; Atkinson, Hampstead, Kingston, Newton, Plaistow, Salem, and Windham towns in Rockingham County, N.H.
- Lowell.....Lowell city, and Billerica, Chelmsford, Dracut, Dunstable, Tewksbury, Tyngsborough, and Westford towns in Middlesex County
- New Bedford.....New Bedford city, and Acushnet, Dartmouth, Fairhaven, and Freetown towns in Bristol County; Lakeville, Marion, Mattapoisett, and Rochester towns in Plymouth County
- Springfield-Chicopee-Holyoke....Chicopee, Holyoke, Springfield, and Westfield cities, and Agawam, Brimfield, East Longmeadow, Granville, Hampden, Longmeadow, Ludlow, Monson, Montgomery, Palmer, Russell, Southwick, Wales, West Springfield, and Wilbraham towns in Hampden County; Northampton city, and Amherst, Belchertown, Chesterfield, Easthampton, Granby, Hadley, Hatfield, Pelham, South Hadley, Southampton, Westhampton, and Williamsburg towns in Hampshire County; Warren town in Worcester County
- Worcester.....Worcester city, and Auburn, Berlin, Boylston, Brookfield, Charlton, Douglas, East Brookfield, Grafton, Holden, Leicester, Millbury, Northborough, Northbridge, North Brookfield, Oxford, Paxton, Rutland, Shrewsbury, Spencer, Sterling, Sutton, Upton, Uxbridge, Webster, Westborough, and West Boylston towns in Worcester County

MICHIGAN
- Ann Arbor.....Washtenaw County
- Battle Creek.....Barry and Calhoun Counties

Area Definitions—Continued

MICHIGAN--Continued
- Bay City.....Bay County
- Benton Harbor.....Berrien County
- Detroit.....Lapeer, Livingston, Macomb, Oakland, St. Clair, and Wayne Counties
- Flint.....Genesee and Shiawassee Counties
- Grand Rapids.....Kent and Ottawa Counties
- Jackson.....Jackson County
- Kalamazoo-Portage....Kalamazoo and Van Buren Counties
- Lansing-East Lansing.....Clinton, Eaton, Ingham, and Ionia Counties
- Muskegon-Norton Shores-Muskegon Heights.....Muskegon and Oceana Counties
- Saginaw.....Saginaw County

MINNESOTA
- Duluth-Superior.....Duluth city, Minn.; Douglas County, Wisc.
- Minneapolis-St. Paul.....Anoka, Carver, Chisago, Dakota, Hennepin, Ramsey, Scott, Washington, and Wright Counties
- Rochester.....Olmsted County
- St. Cloud.....Benton, Sherburne, and Stearns Counties

MISSISSIPPI
- Jackson.....Hinds and Rankin Counties

MISSOURI
- Kansas City.....Cass, Clay, Jackson, Platte, and Ray Counties, Mo.; Johnson and Wyandotte Counties, Kans.
- St. Joseph.....Andrew and Buchanan Counties
- St. Louis.....St. Louis city, and Franklin, Jefferson, St. Charles, and St. Louis Counties, Mo.; Clinton, Madison, Monroe, and St. Clair Counties, Ill.
- Springfield.....Christian and Greene Counties

MONTANA
- Billings.....Yellowstone County
- Great Falls.....Cascade County

NEBRASKA
- Lincoln.....Lancaster County
- Omaha.....Douglas and Sarpy Counties, Nebr.; Pottawattamie County, Iowa

NEVADA
- Las Vegas.....Clark County; Beatty Township in Nye County
- Reno.....Washoe County

NEW HAMPSHIRE
- Manchester.....Manchester city, and Bedford, Goffstown, New Boston, and Weare towns in Hillsboro County; Hooksett town in Merrimack County; Auburn, Candia, Chester, Derry, Londonderry, and Raymond towns in Rockingham County
- Nashua.....Nashua city, and Amherst, Brookline, Greenville, Hollis, Hudson, Litchfield, Lyndeboro, Mason, Merrimack, Milford, Mount Vernon, New Ipswich, Pelham, Temple, and Wilton towns in Hillsboro County

NEW JERSEY
- Atlantic City.....Atlantic County
- Camden.....Burlington, Camden, and Gloucester Counties
- Hackensack.....Bergen County
- Jersey City.....Hudson County
- Long Branch-Asbury Park.....Monmouth County
- New Brunswick-Perth Amboy-Sayreville.....Middlesex County
- Newark.....Essex, Morris, Somerset, and Union Counties
- Paterson-Clifton-Passaic.....Passaic County
- Trenton.....Mercer County
- Vineland-Millville-Bridgeton.....Cumberland County

NEW MEXICO
- Albuquerque.....Bernalillo and Sandoval Counties
- Las Cruces.....Dona Ana County

NEW YORK
- Albany-Schenectady-Troy.....Albany, Montgomery, Rensselaer, Saratoga, and Schenectady Counties
- Binghamton.....Broome and Tioga Counties, N. Y.; Susquehanna County, Pa.
- Buffalo.....Erie and Niagara Counties
- Elmira.....Chemung County
- Monroe County.....Monroe County
- Nassau-Suffolk.....Nassau and Suffolk Counties
- New York-Northeastern New Jersey.....A consolidated area comprised of New York, N. Y. SMSA; Nassau-Suffolk, N. Y. SMSA; Newark, N. J. SMSA; New Brunswick-Perth Amboy-Sayreville, N. J. SMSA; Jersey City, N. J. SMSA; Paterson-Clifton-Passaic, N. J. SMSA; and the Hackensack, N. J. area
- New York and Nassau-Suffolk.....New York City, and Nassau, Putnam, Rockland, Suffolk, and Westchester Counties
- New York SMSA.....New York City, and Putnam, Rockland and Westchester Counties
- New York City.....Bronx, Kings, New York, Queens, and Richmond Counties
- Poughkeepsie.....Dutchess County
- Rochester.....Livingston, Monroe, Ontario, Orleans, and Wayne Counties
- Rockland County.....Rockland County
- Syracuse.....Madison, Onondaga, and Oswego Counties
- Utica-Rome.....Herkimer and Oneida Counties
- Westchester County...Westchester County

NORTH CAROLINA
- Asheville.....Buncombe and Madison Counties
- Charlotte-Gastonia...Gaston, Mecklenburg, and Union Counties
- Greensboro--Winston-Salem--High Point...Davidson, Forsyth, Guilford, Randolph, Stokes, and Yadkin Counties
- Raleigh-Durham.....Durham, Orange, and Wake Counties

NORTH DAKOTA
- Fargo Moorhead.....Cass County, N. D.; Clay County, Minn.

OHIO
- Akron.....Portage and Summit Counties
- Canton.....Carroll and Stark Counties
- Cincinnati.....Clermont, Hamilton, and Warren Counties, Ohio; Boone, Campbell, and Kenton Counties, Ky.; Dearborn County, Ind.
- Cleveland.....Cuyahoga, Geauga, Lake, and Medina Counties
- Columbus.....Delaware, Fairfield, Franklin, Madison, and Pickaway Counties
- Dayton.....Greene, Miami, Montgomery, and Preble Counties
- Toledo.....Fulton, Lucas, Ottawa, and Wood Counties, Ohio; Monroe County, Mich.
- Youngstown-Warren....Mahoning and Trumbull Counties

OKLAHOMA
- Enid.....Garfield County
- Lawton.....Comanche County
- Oklahoma City.....Canadian, Cleveland, McClain, Oklahoma, and Pottawatomie Counties
- Tulsa.....Creek, Mayes, Osage, Rogers, Tulsa, and Wagoner Counties

OREGON
- Eugene-Springfield...Lane County
- Jackson County.....Jackson County
- Portland.....Clackamas, Multnomah, and Washington Counties, Oreg.; Clark County, Wash.
- Salem.....Marion and Polk Counties

PENNSYLVANIA
- Allentown-Bethlehem-Easton: Carbon, Lehigh, and Northampton Counties, Pa; Warren County, N. J.
- Altoona: Blair County
- Delaware Valley: Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties
- Erie: Erie County
- Harrisburg: Cumberland, Dauphin, and Perry Counties
- Johnstown: Cambria and Somerset Counties
- Lancaster: Lancaster County
- Northeast-Pennsylvania: Lackawanna, Luzerne, and Monroe Counties
- Philadelphia SMSA: Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pa.; Burlington, Camden, and Gloucester Counties, N. J.
- Philadelphia City: Philadelphia County
- Pittsburgh: Allegheny, Beaver, Washington, and Westmoreland Counties
- Reading: Berks County
- Scranton: Lackawanna County
- Wilkes-Barre-Hazleton: Luzerne County
- Williamsport: Lycoming County
- York: Adams and York Counties

PUERTO RICO
- Caguas: Caguas, Gurabo, and San Lorenzo Municipios
- Mayaguez: Anasco, Hormigueros, and Mayaguez Municipios
- Ponce: Juana Diaz, Ponce, and Villalbo Municipios
- San Juan: Bayamon, Canovanas, Carolina, Catano, Guaynabo, Loiza, San Juan, Toa Baja, and Trujillo Alto Municipios

RHODE ISLAND
- Providence-Warwick-Pawtucket: Central Falls, Cranston, East Providence, Pawtucket, Providence, and Woonsocket cities, and Burrillville, Cumberland, Foster, Glocester, Johnston, Lincoln, North Providence, North Smithfield, Scituate, and Smithfield towns in Providence County, R. I.; Exeter, Narragansett, North Kingstown, Richmond, and South Kingstown towns in Washington County, R. I.; Warwick city, and Coventry, East Greenwich, West Greenwich, and West Warwick towns in Kent County, R. I.; Jamestown and New Shoreham towns in Newport County, R. I.; Bristol County, R. I.; Attleboro city, and North Attleboro, Norton, Rehoboth, and Seekonk towns in Bristol County, Mass.; Plainville town in Norfolk County, Mass.; Blackstone and Millville towns in Worcester County, Mass.

SOUTH CAROLINA
- Charleston-North Charleston: Berkeley, Charleston, and Dorchester Counties
- Columbia: Lexington and Richland Counties
- Greenville-Spartanburg: Greenville, Pickens, and Spartanburg Counties

SOUTH DAKOTA
- Rapid City: Meade and Pennington Counties
- Sioux Falls: Minnehaha County

TENNESSEE
- Chattanooga: Hamilton, Marion, and Sequatchie Counties, Tenn.; Catoosa, Dade, and Walker Counties, Ga.
- Knoxville: Anderson, Blount, Knox, and Union Counties; portion of Oak Ridge in Roane County
- Memphis: Shelby and Tipton Counties, Tenn.; Crittenden County, Ark.

TENNESSEE--Continued
- Nashville-Davidson: Cheatham, Davidson, Dickson, Robertson, Rutherford, Sumner, Williamson, and Wilson Counties

TEXAS
- Abilene: Callahan, Jones, and Taylor Counties
- Amarillo: Potter and Randall Counties
- Austin: Hays, Travis, and Williamson Counties
- Beaumont-Port Arthur-Orange: Hardin, Jefferson, and Orange Counties
- Corpus Christi: Nueces and San Patricio Counties
- Dallas-Fort Worth: Collin, Dallas, Denton, Ellis, Hood, Johnson, Kaufman, Parker, Rockwall, Tarrant, and Wise Counties
- El Paso: El Paso County
- Galveston-Texas City: Galveston County
- Houston: Brazoria, Fort Bend, Harris, Liberty, Montgomery, and Waller Counties
- Longview-Marshall: Gregg and Harrison Counties
- Lubbock: Lubbock County
- Midland: Midland County
- Odessa: Ector County
- San Angelo: Tom Green County
- San Antonio: Bexar, Comal, and Guadalupe Counties
- Sherman-Denison: Grayson County
- Waco: McLennan County
- Wichita Falls: Clay and Wichita Counties

UTAH
- Salt Lake City-Ogden: Davis, Morgan, Salt Lake, Tooele, and Weber Counties

VERMONT
- Burlington: Burlington, South Burlington, and Winooski cities and Charlotte, Essex, Hineburg, Jericho, Milton, Richmond, St. George, Shelburne, and Williston towns in Chittenden County; Georgia town in Franklin County; and South Hero town in Grand Isle County
- Springfield: Athens, Grafton, Londonderry, Rockingham (includes Bellows Falls), Westminster, and Windham towns in Windham County; Andover, Baltimore, Cavendish, Chester, Ludlow, Reading, Springfield, Weathersfield, Weston, West Windsor, and Windsor towns in Windsor County

VIRGINIA
- Bristol: Bristol city, and Scott and Washington Counties
- Lynchburg: Lynchburg city, and Amherst, Appomattox, and Campbell Counties
- Newport News-Hampton: Hampton, Newport News, Poquoson, and Williamsburg cities, and Gloucester, James City, and York Counties
- Norfolk-Virginia Beach-Portsmouth: Chesapeake, Norfolk, Portsmouth, Suffolk, and Virginia Beach cities, Va.; Currituck County, N.C.
- Northern Virginia: Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park cities, and Arlington, Fairfax, Loudoun, and Prince William Counties
- Petersburg-Colonial Heights-Hopewell: Colonial Heights, Hopewell, and Petersburg cities, and Dinwiddie and Prince George Counties
- Richmond: Richmond city, and Charles City, Chesterfield, Goochland, Hanover, Henrico, New Kent, and Powhatan Counties
- Roanoke: Roanoke and Salem cities, and Botetourt, Craig, and Roanoke Counties

WASHINGTON
- Seattle-Everett.....King and Snohomish Counties
- Spokane.....Spokane County
- Tacoma.....Pierce County

WEST VIRGINIA
- Charleston.....Kanawha and Putnam Counties
- Huntington-Ashland...Cabell and Wayne Counties, W. Va.; Boyd and Greenup Counties, Ky.; Lawrence County, Ohio
- Parkersburg-Marietta.....Wirt and Wood Counties, W. Va.; Washington County, Ohio
- Wheeling.....Marshall and Ohio Counties, W. Va.; Belmont County, Ohio

WISCONSIN
- Appleton-Oshkosh.....Calumet, Outagamie, and Winnebago Counties
- Eau Claire.....Chippewa and Eau Claire Counties
- Green Bay.....Brown County
- Janesville-Beloit....Rock County
- Kenosha.....Kenosha County
- La Crosse.....La Crosse County
- Madison.....Dane County
- Milwaukee.....Milwaukee, Ozaukee, Washington, and Waukesha Counties
- Racine.....Racine County

WYOMING
- Casper.....Natrona County
- Cheyenne.....Laramie County

Explanatory Notes

Introduction

The statistics in this periodical are compiled from two major sources: (1) Household interviews, and (2) reports from employers.

Data based on household interviews are obtained from a sample survey of the population 16 years of age and over. The survey is conducted each month by the Bureau of the Census for the Bureau of Labor Statistics and provides comprehensive data on the labor force, the employed, and the unemployed, including such characteristics as age, sex, race, family relationship, marital status, occupation, and industry attachment. The survey also provides data on the characteristics and past work experience of those not in the labor force. The information is collected by trained interviews from a sample of about 60,000 households, representing 629 areas in 1,148 counties and independent cities, with coverage in 50 States and the District of Columbia. The data collected are based on the activity or status reported for the calendar week including the 12th of the month.

Data based on establishment records are compiled each month from mail questionnaires by the Bureau of Labor Statistics, in cooperation with State agencies. The establishment survey is designed to provide industry information on nonagricultural wage and salary employment, average weekly hours, average hourly earnings, and average weekly earnings for the Nation, States, and metropolitan areas. The employment, hours, and earnings series are based on payroll reports from a sample of establishments employing over 30 million nonagricultural wage and salary workers. The data relate to all workers, full- or part-time, who received pay during the payroll period which includes the 12th day of the month.

RELATION BETWEEN THE HOUSEHOLD AND ESTABLISHMENT SERIES

The household and establishment data supplement one another, each providing significant types of information that the other cannot suitably supply. Population characteristics, for example, are readily obtained only from the household survey whereas detailed industrial classifications can be reliably derived only from establishment reports.

Data from these two sources differ from each other because of differences in definitions and coverage, sources of information, methods of collection, and estimating procedures. Sampling variability and response errors are additional reasons for discrepancies. The major factors which have a differential effect on levels and trends of the two series are as follows.

Employment

Coverage. The household survey definition of employment comprises wage and salary workers (including domestics and other private household workers), self-employed persons, and unpaid workers who worked 15 hours or more during the survey week in family-operated enterprises. Employment in both agricultural and nonagricultural industries is included. The payroll survey covers only wage and salary employees on the payrolls of nonagricultural establishments.

Multiple jobholding. The household approach provides information on the work status of the population without duplication, since each person is classified as employed, unemployed, or not in the labor force. Employed persons holding more than one job are counted only once and are classified according to the job at which they worked the greatest number of hours during the survey week. In the figures based on establishment reports, persons who worked in more than one establishment during the reporting period are counted each time their names appear on payrolls.

Unpaid absences from jobs. The household survey includes among the employed all persons who had jobs but were not at work during the survey week—that is, were not working but had jobs from which they were temporarily absent because of illness, bad weather, vacation, labor-management dispute, or because they were taking time off for various other reasons, even if they were not paid by their employers for the time off. In the figures based on payroll reports, persons on leave paid for by the company are included, but not those on leave without pay for the entire payroll period.

For a comprehensive discussion of the differences between household and establishment survey employment data, see Gloria P. Green's article "Comparing Employment Estimates from Household and Payroll Surveys," *Monthly Labor Review*, December 1969.

Hours of work

The household survey measures hours actually worked whereas the payroll survey measures hours paid for by employers. In the household survey data, all persons with a job but not at work are excluded from the hours distributions and the computations of average hours. In the payroll survey, production or nonsupervisory employees on paid vacation, paid holiday, or paid sick leave are included and assigned the number of hours for which they were paid during the reporting period.

Earnings

The household survey measures median earnings of wage and salary workers in all occupations and industries in both the private and public sectors. Data refer to the usual earnings received from the worker's sole or primary job. Data from the establishment survey generally refer to mean earnings of production and related workers in mining and manufacturing, construction workers in construction, and nonsupervisory employees in private service-producing industries. For a comprehensive discussion of the household survey earnings series, see "Technical Description of the Quarterly Data on Weekly Earnings from the Current Population Survey," BLS Bulletin 2113.

COMPARABILITY OF THE HOUSEHOLD DATA WITH OTHER SERIES

Unemployment insurance data. The unemployed total from the household survey includes all persons who did not have a job at all during the survey week and were looking for work or were waiting to be called back to a job from which they had been laid off, whether or not they were eligible for unemployment insurance. Figures on unemployment insurance claims, prepared by the Employment and Training Administration of the Department of Labor, exclude persons

who have exhausted their benefit rights, new workers who have not earned rights to unemployment insurance, and persons losing jobs not covered by unemployment insurance systems (some workers in agriculture, domestic services, and religious organizations, and self employed and unpaid family workers). Beginning in January 1978, coverage was extended to include domestic workers whose employers paid $1,000 or more in wages in any calendar quarter, agricultural employees whose employers engaged 10 or more workers in 20 weeks or paid a total $20,000 or more in wages in any calendar quarter, and almost all State and local government employees.

In addition, the qualifications for drawing unemployment compensation differ from the definition of unemployment used in the household survey. For example, persons with a job but not at work and persons working only a few hours during the week are sometimes eligible for unemployment compensation but are classified as employed rather than unemployed in the household survey.

For an examination of the similarities and differences between State insured unemployment and total unemployment, see "Measuring Total and State Insured Unemployment" by Gloria P. Green in the June 1971 issue of the *Monthly Labor Review*.

Agricultural employment estimates of the Department of Agriculture. The principal differences in coverage are the inclusion of persons under 16 in the Statistical Research Service (SRS) series and the treatment of dual jobholders who are counted more than once if they work on more than one farm during the reporting period. There are also wide differences in sampling techniques and collecting and estimating methods, which cannot be readily measured in terms of impact on differences in level and trend of the two series.

COMPARABILITY OF THE PAYROLL EMPLOYMENT DATA WITH OTHER SERIES

Statistics on manufactures and business, Bureau of the Census. BLS establishment statistics on employment differ from employment counts derived by the Bureau of Census from its censuses or annual sample survey of manufacturing establishments and the censuses of business establishments. The major reasons for some noncomparability are different treatment of business units considered parts of an establishment, such as central administrative offices and auxiliary units, the industrial classification of establishments, and different reporting patterns by multiunit companies. There are also differences in the scope of the industries covered, e.g., the Census of Business excludes professional services, public utilities, and financial establishments, whereas these are included in the BLS statistics.

County Business Patterns. Data in County Business Patterns (CBP), published by the Bureau of the Census, U.S. Department of Commerce, differ from BLS establishment statistics in the treatment of central administrative offices and auxiliary units. Differences may also arise because of industrial classification and reporting practices. In addition, CBP excludes interstate railroads and government, and coverage is incomplete for some of the nonprofit activities.

Employment covered by State unemployment insurance programs. Most nonagricultural wage and salary workers are covered by the unemployment insurance programs. Beginning in January 1972, coverage was expanded to include employees of small firms and selected nonprofit activities who had not been covered previously. However, certain activities, such as interstate railroads, parochial schools, and churches are not covered by unemployment insurance whereas these are included in the BLS establishment statistics. Beginning in January 1978, coverage was extended to include domestic workers whose employers paid $1,000 or more in wages in any calendar quarter, agricultural employees whose employers engaged 10 or more workers in 20 weeks or paid a total of $20,000 or more in wages in any calendar quarter, and almost all State and local government employees.

Household Data (A tables)

COLLECTION AND COVERAGE

Statistics on the employment status of the population, the personal, occupational, and other characteristics of the employed, the unemployed, and persons not in the labor force, and related data are compiled for the BLS by the Bureau of the Census in its Current Population Survey (CPS). A detailed description of this survey appears in *Concepts and Methods Used in Labor Force Statistics Derived from the Current Population Survey*, BLS Report 463. This report is available from BLS upon request.

These monthly surveys of the population are conducted with a scientifically selected sample designed to represent the civilian noninstitutional population. Respondents are interviewed to obtain information about the employment status of each member of the household 16 years of age and over. Separate statistics are also collected and published for 14- and 15-year-olds. The inquiry relates to activity or status during the calendar week, Sunday through Saturday, which includes the 12th of the month. This is known as the survey week. Actual field interviewing is conducted in the following week.

Inmates of institutions, members of the Armed Forces, and persons under 14 years of age are not covered in the regular monthly enumerations and are excluded from the population and labor force statistics shown in this report. Data on members of the Armed Forces, who are included as part of the categories "total noninstitutional population" and "total labor force," are, however, obtained from the Department of Defense.

Each month about 60,000 occupied units are eligible for interview. About 2,500 of these households are visited but interviews are not obtained because the occupants are not at home after repeated calls or are unavailable for other reasons. This represents a noninterview rate for the survey of between 4 or 5 percent. In addition to the 60,000 occupied units, there are 11,000 sample units in an average month which are visited but found to be vacant or otherwise not to be enumerated. Part of the sample is changed each month. The rotation plan provides for three-fourths of the sample to be common from 1 month to the next and one-half to be common with the same month a year earlier.

Beginning in September 1975, the sample was enlarged by 9,000 households in order to provide greater reliability for smaller States and thus permit the publication of annual statistics for all 50 States and the District of Columbia. These supplementary households were added to the national 47,000 household sample in January 1978.

Over the period November 1978 to April 1979 the sample was again enlarged by 9,000 households. These supplementary households were added to the 56,000 household sample in January 1980.

Beginning in May 1981, the sample size was cut by about 6,000 occupied housing units. The reduction did not affect the ability to

publish reliable State and local estimates and had practically no effect on the reliability of national estimates.

Beginning in January 1982, the sample was expanded by about 100 households in 15 counties. The expanded sample provides sufficient coverage of counties added to 7 of the 30 largest SMSA's redefined in 1973. The additional sample had practically no effect on the reliability of national or State estimates.

CONCEPTS

Employed persons comprise (a) all those who during the survey week did any work at all as paid employees, in their own business, profession, or farm, or who worked 15 hours or more as unpaid workers in an enterprise operated by a member of the family, and (b) all those who were not working but who had jobs or businesses from which they were temporarily absent because of illness, bad weather, vacation, labor-management dispute, or personal reasons, whether or not they were paid by their employers for the time off, and whether or not they were seeking other jobs.

Each employed person is counted only once. Those who held more than one job are counted in the job at which they worked the greatest number of hours during the survey week.

Included in the total are employed citizens of foreign countries, temporarily in the United States, who are not living on the premises of an embassy.

Excluded are persons whose only activity consisted of work around the house (such as home housework, and painting or repairing own home) or volunteer work for religious, charitable, and similar organizations.

Unemployed persons comprise all persons who did not work during the survey week, who made specific efforts to find a job within the past 4 weeks, and who were available for work during the survey week (except for temporary illness). Also included as unemployed are those who did not work at all, were available for work, and (a) were waiting to be called back to a job from which they had been laid off; or (b) were waiting to report to a new wage or salary job within 30 days.

Duration of unemployment represents the length of time (through the current survey week) during which persons classified as unemployed had been continuously looking for work. For persons on layoff, duration of unemployment represents the number of full weeks since the termination of their most recent employment. A period of 2 weeks or more during which a person was employed or ceased looking for work is considered to break the continuity of the present period of seeking work. Measurements of mean and median duration are computed from a distribution of single weeks of unemployment.

Unemployed persons by reasons for unemployment are divided into four major groups. (1) Job losers are persons whose employment ended involuntarily who immediately began looking for work and persons on layoff. (2) Job leavers are persons who quit or otherwise terminated their employment voluntarily and immediately began looking for work. (3) Reentrants are persons who previously worked at a full-time job lasting 2 weeks or longer but were out of the labor force prior to beginning to look for work. (4) New entrants are persons who never worked at a full-time job lasting 2 weeks or longer.

Jobseekers are all unemployed persons who made specific efforts to find a job, sometime during the 4-week period preceding the survey week. Jobseekers do not include persons unemployed because they (a) were waiting to be called back to a job from which they had been laid off or (b) were waiting to report to a new wage or salary job within 30 days. Jobseekers are grouped by the methods used to seek work, including going to a public or private employment agency or to an employer directly, seeking assistance from friends or relatives, placing or answering ads, or utilizing some "other" method. Examples of the "other" category include being on a union or professional register, obtaining assistance from a community organization, or waiting at a designated pick-up point.

The *civilian labor force* comprises the total of all civilians classified as employed or unemployed in accordance with the criteria described above. The "total labor force" also includes members of the Armed Forces stationed either in the United States or abroad.

The unemployment rate represents the number unemployed as a percent of the civilian labor force. This measure can also be computed for groups within the labor force classified by sex, age, marital status, race, occupation, industry, etc. The job-loser, job-leaver, reentrant, and new entrant rates are each calculated as a percent of the civilian labor force; the sum of the rates for the four groups thus equals the total unemployment rate.

Participation rates represent the proportion of the noninstitutional population that is in the labor force. Two types of participation rates are published. The total labor force participation rate, which is the ratio of the total labor force and the total noninstitutional population; and the civilian labor force participation rate which is the ratio of the civilian labor force and the civilian noninstitutional population. Participation rates are usually published for sex-age groups, often cross-classified by other demographic characteristics such as race and educational attainment.

Employment-population ratios represent the proportion of the total noninstitutional population that is employed.

Not in labor force includes all civilians 16 years and over who are not classified as employed or unemployed. These persons are further classified as "engaged in own home housework," in school," "unable to work" because of long-term physical or mental illness, and "other." The "other" group includes for the most part retired persons, those reported as too old to work, the voluntarily idle, and seasonal workers for whom the survey week fell in an "off" season and who were not reported as unemployed. Persons doing only incidental unpaid family work (less than 15 hours) are also classified as not in the labor force.

For persons not in the labor force, data on previous work experience, intentions to seek work again, desire for a job at the time of interview, and reasons for not looking for work are compiled on a quarterly basis. As of January 1970, the detailed questions for persons not in the labor force are asked only in those households that are in the fourth and eighth months of the sample, i.e., the "outgoing" groups, those which had been in the sample for 3 previous months and would not be in for the subsequent month. Between 1967 and 1969, the detailed not-in-labor force questions were asked of persons in the first and fifth months in the sample, i.e., the "incoming" groups.

Occupation, industry, and class of worker for the employed apply to the job held in the survey week. Persons with two or more jobs are classified in the job at which they worked the greatest number of hours during the survey week. The unemployed are classified according to their last full-time civilian job lasting 2 weeks or more. The occupation and industry groups used in the CPS are defined as in the 1970 Census of Population. Information on the detailed categories included in these groups is available upon request.

The class-of-worker breakdown specifies "wage and salary workers," subdivided into private and government workers, "self-employed workers," and "unpaid family workers." Wage and salary workers receive wages, salary, commission, tips, or pay in kind from a private employer or from a government unit. Self-employed persons are those who work for profit or fees in their own business, profession, or trade, or operate a farm. Unpaid family workers are persons working without pay for 15 hours a week or more on a farm or in a business operated by a member of the household to whom they are related by blood or marriage.

Hours of work statistics relate to the actual number of hours worked during the survey week. For example, a person who normally works 40 hours a week but who was off on the Columbus Day holiday would be reported as working 32 hours even though he/she was paid for the holiday.

For persons working in more than one job, the figures relate to the number of hours worked in all jobs during the week. However, all the hours are credited to the major job.

The distribution of employment by hours worked relates to persons "at work" during the survey week. At work data differ from data on total employment because the latter include persons in the zero-hours worked category, "with a job but not at work." Included in this latter group are persons who were on vacation, ill, involved in a labor dispute, or otherwise absent from their jobs for voluntary, noneconomic reasons.

Persons who worked 35 hours or more in the survey week are designated as working "full time," correspondingly persons who worked between 1 and 34 hours are designated as working "part time." Part-time workers are classified by their usual status at their present job (either full or part time) and by their reason for working part time during the survey week (economic or other reasons). "Economic reasons" include: Slack work, material shortages, repairs to plant or equipment, start or termination of a job during the week, and inability to find full-time work. "Other reasons" include: Labor dispute, bad weather, own illness, vacation, demands of home, housework, school, no desire for full-time work, and full-time worker only during the peak season. Persons on full-time schedules include, in addition to those working 35 hours or more, those who worked from 1 to 34 hours for noneconomic reasons and usually work full time.

The *full-time labor force* consists of persons working on full-time schedules, persons involuntarily working part-time (part time for economic reasons), and unemployed persons seeking full-time jobs. The *part-time labor force* consists of persons working part time voluntarily and unemployed persons seeking part-time work. Persons with a job but not at work during the survey week are classified according to whether they usually work full or part-time.

Labor force time lost is a measure of aggregate hours lost to the economy through unemployment and involuntary part-time employment and is expressed as a percent of potentially available aggregate hours. It is computed by assuming: (1) That unemployed persons looking for full-time work lost an average of 37.5 hours (2) that those looking for part-time work lost the average number of hours actually worked by voluntary part-time workers during the survey week, and (3) that persons on part time for economic reasons lost the difference between 37.5 hours and the actual number of hours they worked.

White and black and other are terms used to describe the race of workers. The "black-and-other category," includes all persons who identified themselves in the enumeration process to be other than white. At the time of the 1980 Census of Population, 83 percent of the black-and-other civilian noninstitutional population 16 years and over were black; the remainder were primarily American Indians, Alaskan Natives, and Asians and Pacific Islanders. The term "black" is used in this volume when the relevant data are provided exclusively for the black population.

Hispanic origin refers to persons who identified themselves in the enumeration process as Mexican, Puerto Rican living on the mainland, Cuban, Central or South American, or of other Hispanic origin or descent.

Major activity: going to school and major activity: other are terms used to describe whether the activity of young persons during the reference week is primarily one of going to school or not. Statistics on major activity are published every month in table A-7 for 16- to 21-year-olds by employment status, race, and sex, and, if unemployed, whether seeking full- or part-time work.

Vietnam-era veterans are those who served in the Armed Forces of the United States between August 5, 1964, and May 7, 1975. Tables for veterans in this volume are limited to males in the civilian noninstitutional population, i.e., veterans in institutions and females are excluded.

Nonveterans are males who never served in the Armed Forces.

The *poverty areas* classification consists of all Census geographical divisions in which 20 percent or more of the residents were poor according to the 1970 Decennial Cenus. Persons were classified as poor or nonpoor by using income thresholds adopted by a Federal interagency committee in 1969. These thresholds vary by family size, composition, and residence (farm-nonfarm). While poverty areas have a substantial concentration of low-income residents, many poor persons live outside these areas and, conversely, the areas include many people who are not poor.

The *metropolitan areas* classification consists of the total of all areas encompassed by Standard Metropolitan Statistical Areas (SMSA's). The metropolitan area total is based on the number of SMSA's as defined in the 1970 Decennial Census and does not include any subsequent additions or changes. Nonmetropolitan areas refer to the total of all areas outside SMSA's. The nonmetropolitan total is disaggregated into farm and nonfarm components.

Usual weekly earnings data are provided from responses to the question "How much does . . .USUALLY earn per week at this job before deductions?" Included are any overtime pay, commissions, or tips usually received. Data refer to the sole or primary job of wage and salary workers. The term "usual" is as perceived by the respondent. If the respondent asks for a definition of "usual," interviewers are instructed to define the term as more than half the weeks worked during the past 4 or 5 months.

A *household* consists of all persons—related family members and all unrelated persons—who occupy a housing unit. A house, an apartment, a group of rooms, or a single room are regarded as a housing unit when occupied or intended for occupancy as separate living quarters.

A *householder* is the person (or one of the persons) in whose name the housing unit is owned or rented. The term is never applied to either husbands or wives in married-couple families but only to persons in families maintained by either men or women without a spouse.

Family refers to a group of two or more persons residing together who are related by blood, marriage, or adoption; all such persons are considered as members of one family even though they may include a "subfamily," that is, a married couple or a parent-child group related by blood or marriage to the householder and sharing the living quarters. The counts of families used in this volume refer to primary families only, that is, all persons in the household who are related to the householder. Families are classified either as married-couple families or as those maintained by women or men without spouses. Data on the earnings of families exclude all those in which there is no wage or salary earner or in which the husband, wife, or other persons maintaining the family is either self-employed or in the Armed Forces.

HISTORIC COMPARABILITY

Raised lower age limit

Beginning with data for 1967, the lower age limit for official statistics on persons in the labor force was raised from 14 to 16 years. A detailed discussion of this and other definitional changes introduced at that time including estimates of their effect on the various series, is contained in "New Definitions for Employment and Unemployment" by Robert L. Stein in the February 1967 issue of *Employment and Earnings and Monthly Report on the Labor Force.*

Noncomparability of labor force levels

Before the changes introduced in 1967, the labor force data were not comparable for three earlier periods: (1) Beginning in 1953, as a result of the introduction of data from the 1950 census into the estimation procedure, population levels were raised by about 600,000; labor force, total employment, and agricultural employment by about 350,000, primarily affecting the figures for totals and males; other categories were relatively unaffected; (2) beginning in 1960, the inclusion of Alaska and Hawaii resulted in an increase of about 500,000 in the population and about 300,000 in the labor force, four-fifths of this in nonagricultural employment; other labor force categories were not appreciably affected; (3) beginning in 1962, the introduction of figures from the 1960 census reduced the population by about 50,000, labor force and employment by about 200,000; unemployment totals were

virtually unchanged. In addition, beginning in 1972, information from the 1970 census was introduced into the estimation procedures, producing an increase in the civilian noninstitutional population of about 800,000; labor force and employment totals were raised by a little more than 300,000, and unemployment levels and rates were essentially unchanged. A subsequent population adjustment based on the 1970 census was introduced in March 1973. This adjustment affected the white and black and other groups but had little effect on totals. The adjustment resulted in the reduction of nearly 300,000 in the white population and an increase of the same magnitude in the black and other population. Civilian labor force and total employment figures were affected to a lesser degree; the white labor force was reduced by 150,000, and the black and other labor force rose by about 210,000. Unemployment levels and rates were not significantly affected.

Beginning in January 1974, the methodology used to prepare independent estimates of the civilian noninstitutional population was modified to an "inflation-deflation" approach. This change in the derivation of the population estimates had its greatest impact on estimates of 20- to 24-year-old males—particularly those of the black-and-other population—but had little effect on 16 and over totals. Additional information on the adjustment procedure appears in "CPS Population Controls Derived from Inflation-Deflation Method of Estimation" in the February 1974 issue of *Employment and Earnings*.

Effective July 1975, as a result of the immigration of Vietnamese refugees into the United States, the total and black-and-other independent population controls for persons 16 years and over were adjusted upward by 76,000—30,000 males and 46,000 females. The addition of the refugees increased the black-and-other population by less than 1 percent in any age-sex group, and all of the changes were in the "other" population.

Beginning in 1978, the introduction of an expansion of the sample and revisions in the estimation procedures resulted in an increase of roughly a quarter of a million in the overall civilian labor force and employment totals; unemployment levels and rates were essentially unchanged. An explanation of the procedural changes and an indication of the differences appear in "Revisions in the Current Population Survey in January 1978" in the February 1978 issue of *Employment and Earnings*.

Beginning in October 1978, the race of the individual was determined by the household respondent for the incoming rotation group households, rather than determined by the interviewer as before. The purpose of this change was to provide more accurate estimates of characteristics by race. Thus, in October 1978, one-eighth of the sample households had race determined by the household respondent and seven-eighths of the sample households had race determined by interviewer observation. It was not until January 1980 that the entire sample had race determined by the household respondent. The new procedure had no significant effect on the estimates.

Beginning in 1979, the first-stage ratio estimation method was changed in the CPS estimation procedure. The new procedure is described in the *Estimating Methods* section. The reasoning behind the change and an indication of the differences appear in "Change in the Estimation Procedure for the Current Population Survey beginning in January 1979" in the February 1979 issue of *Employment and Earnings*. Differences between the old and new procedures exist only for metropolitan and nonmetropolitan estimates, not for the total U.S.

Beginning in January 1982, the second-stage ratio adjustment methodology was changed in the CPS estimation procedure. The new procedure is described in the *Estimating Methods* section. The purpose of the change and an indication of its effect on national estimates of labor force characteristics appear in "Revisions in the Current Population Survey in January 1982" in the February 1982 issue of *Employment and Earnings*. In addition, current population estimates used in the second-stage estimation procedure are derived from information obtained from the 1980 census, rather than the 1970 census. This change caused substantial increases in total population and estimates of persons in all labor force categories. Rates on labor force characteristics, however, remained virtually unchanged. Some 30,000 labor force series were adjusted back to 1970 to avoid major breaks in series. The adjustment procedure used is also described in the February 1982 article referenced above. The revisions did not, however, smooth out the breaks in series occurring between 1972 and 1979 that are described above, and data users should make allowances for them in making certain data comparisons.

Changes in the occupational classification system

Beginning with 1971, the comparability of occupational employment data was affected as a result of changes in census occupational classifications introduced into the Current Population Survey (CPS). These changes stemmed from an exhaustive review of the classification system to be used for the 1970 Census of Population. The purpose of this review, the most comprehensive since the 1940 census, was to reduce the size of larger groups, to be more specific about general and "not elsewhere classified" groups, and to provide information on emerging significant occupations. Differences in March 1970 employment levels tabulated on both the 1960 and 1970 classification systems ranged from a drop 650,000 in operatives to an increase of 570,000 in service workers, much of which resulted from a shift between these two groups; the nonfarm laborers group increased by 420,000, and changes in other groups amounted to 220,000 or less.

An additional major group was created by splitting the operatives category into two: Operatives, except transport, and transport equipment operatives. Separate data for these two groups first became available in January 1972. At the same time, several changes in titles, as well as in order of presentation, were introduced; for example, the title of the managers, officials, and proprietors group was changed to "managers and administrators, except farm," since only proprietors performing managerial duties are included in the category.

Apart from the effects of revisions in the occupational classification system beginning in 1971, comparability of occupational employment data was further affected in December 1971, when a question eliciting information on major activities or duties was added to the monthly CPS questionnaire in order to determine more precisely the occupational classification of individuals. This change resulted in several dramatic occupational shifts, particularly from managers and administrators to other groups. thus, meaningful comparisons of occupational levels cannot always be made for 1972 and subsequent years with earlier periods. However, revisions in the occupational classification system as well as in the CPS questionnaire are believed to have had but a negligible impact on unemployment rates.

Additional information on changes in the occupational classification system of the CPS appears in "Revisions in Occupational Classifications for 1971" and "Revisions in the Current Population Survey" in the February 1971 and February 1972 issues, respectively, of *Employment and Earnings*.

Changes in sample design

Since the inception of the survey, there have been various changes in the design of the CPS sample. Most of these changes were made in order to improve the efficiency of the sample design and/or to increase the reliability of the sample estimates.

One major change made after every decennial census is to change the sample design to make use of the recently collected census materials. Also, occasionally the sample is expanded in terms of number of sample areas and number of sample persons. In 1953, a rotation plan was introduced in which a sample unit would be interviewed for 4 months, leave the sample for 8 months, and then return to the sample for another 4 months. When Alaska and Hawaii achieved statehood, three more sample areas were added to the sample to account for the population in these States. After the 1960 census, selection of a major portion of the sample from census address lists was begun, though a portion of the sample is still collected using area

sampling. Following the 1970 census, the ultimate sampling unit was changed from a noncontiguous cluster of six housing units to a usually contiguous cluster of four housing units. In January 1978, a supplemental sample of 9,000 housing units, selected in 24 States and the District of Columbia and designed to provide more reliable annual average estimates for States, was incorporated with the existing design. A coverage improvement sample, composed of approximately 450 sample household units which represent 237,000 occupied mobile homes and 60,000 new construction house units, was included in computing the estimates beginning in October 1978 in order to provide coverage of mobile homes and new construction housing units that previously had no chance for selection in the CPS sample. In January 1980 another supplemental sample of 9,000 households selected in 32 States and the District of Columbia was added to the existing sample. A sample reduction of about 6,000 units was implemented in May 1981. In January 1982, about 100 occupied units were added to provide sufficient coverage in counties added to SMSA's which were redefined in 1973.

Table A provides a description of some aspects of the CPS sample design in use during the different data collection periods. For a more detailed account of the history of the CPS sample design, see *The Current Population Survey: Design and Methodology*, Technical Paper No. 40, Bureau of the Census, U.S. Department of Commerce, or *Concepts and Methods used in Labor Force Statistics Derived from the Current Population Survey*, BLS Report 463.

ESTIMATING METHODS

Under the estimating methods used in the CPS, all of the results for a given month become available simultaneously and are based on returns from the entire panel of respondents. The CPS estimation procedure involves weighting the data from each sample person. The basic weight, which is the inverse of the probability of the person being in the sample, is a rough measure of the number of actual persons that the sample person represents. In States supplemented in the 1978 and 1980 expansions, almost all sample persons within the sample area have the same basic weight, but the weight may differ across sample areas. The basic weight is the same for almost all sample persons in unsupplemented States. The basic weights are then adjusted for noninterview, and the ratio estimation procedure is applied.

1. Noninterview adjustment. The weights for all interviewed households are adjusted to the extent needed to account for occupied sample households for which no information was obtained because of absence, impassable roads, refusals, or unavailability of the respondent for other reasons. This adjustment is made separately by combinations of sample areas within each State and the District of Columbia, and within these, for six groups—two race categories (white, and black and other) within three residence categories. For sample areas which are Standard Metropolitan Statistical Areas (SMSA's), these residence categories are the central cities, and the urban and the rural balance of the SMSA's. For other sample areas, the residence categories are urban, rural nonfarm, and rural farm. The proportion of sample households not interviewed varies from 4 to 5 percent depending on weather, vacations, etc.

2. *Ratio estimates.* The distribution of the population selected for the sample may differ somewhat, by chance, from that of the population as a whole, in such characteristics as age, race, sex, and residence. Since these characteristics are closely correlated with labor force participation and other principal measurements made from the sample, the survey estimates can be substantially improved when weighted appropriately by the known distribution of these population characteristics. This is accomplished through two stages of ratio estimates as follows:

a. *First-stage ratio estimate.* In the CPS, a portion of the 629 sample areas is chosen to represent other areas not in the sample; the remainder of the sample areas represent only themselves. The first-stage ratio estimation procedure was designed to reduce the portion of the variance resulting from requiring sample areas to represent nonsample areas. Therefore, this procedure is not applied to sample areas which represent only themselves. The procedure is performed at two geographic levels: First, by the four census regions (Northeast, North Central, South, and West), and second, for each of the 46 States which contains nonsample areas. The procedure corrects for the differences that existed at the time of the 1980 census between the distribution by race and residence of the population in the sample areas and the known race-residence distribution in the portions of the census region or State represented by these areas. The regional adjustment is performed by metropolitan-nonmetropolitan residence and race, while the State adjustment is done by urban-rural status and race.

b. *Second-stage ratio estimate.* In this stage, the sample proportions in the categories described below are adjusted to the distribution of independent current estimates of the civilian noninstitutional population in the same categories. The second-stage ratio estimate is performed in order to increase the reliability of the estimates and is carried out in two steps. In the first step, the sample estimates are adjusted within each State and the District of Columbia to an independent control for the population 16 years and over, for the State. The second step of the adjustment is applied to all sample persons and is a weighting to nationwide independent population estimates of the civilian noninstitutional population within 68 age-sex-race groups. The entire second-stage ratio estimation procedure is iterated six times, each time beginning at the weights developed the previous time. This iteration ensures that the sample estimates both of the State population and of the national age-sex-race categories will be virtually equal to the independent population estimates. This second stage adjustment procedure incorporates changes instituted in January 1982. The nature of these changes is discussed in detail in "Revisions in the

Table A. Characteristics of the CPS sample

Time period	Number of sample areas	Households eligible		Households visited not eligible
		Interviewed	Not interviewed	
Aug. 1947 to Jan. 1954	68	21,000	500–1,000	3,000–3,500
Feb. 1954 to Apr. 1956	230	21,000	500–1,000	3,000–3,500
May 1956 to Dec. 1959	[1] 330	33,500	1,500	6,000
Jan. 1960 to Feb. 1963	[2] 333	33,500	1,500	6,000
Mar. 1963 to Dec. 1966	357	33,500	1,500	6,000
Jan. 1967 to July 1971	449	48,000	2,000	8,500
Aug. 1971 to July 1972	449	45,000	2,000	8,000
Aug. 1972 to Dec. 1977	461	45,000	2,000	8,000
Jan. 1978 to Dec. 1979	614	53,500	2,500	10,000
Jan. 1980 to Apr. 1981	629	62,200	2,800	12,000
May 1981 to present	629	57,800	2,500	11,000

[1] Beginning in May 1956, these areas were chosen to provide coverage in each State and the District of Columbia.

[2] Three sample areas were added in 1960 to represent Alaska and Hawaii after statehood.

Current Population Survey Beginning in January 1982" in the February 1982 issue of *Employment and Earnings*.

The controls by State for the civilian noninstitutional population 16 years and over are an arithmetic extrapolation of the trend in the growth of this segment of the population from the April 1, 1980 census through the lastest available July 1 estimate, adjusted as a last step to a current estimate of the U.S. population of this group. State estimates by age for July 1 are published annually in *Current Population Reports*, Series P-25. For a description of the methodology used in developing the State total, use Report 640 of that series. Descriptions of the age estimates methodology are available on request from the Chief of the Population Division, U.S. Bureau of the Census; Washington, D.C. 20233.

Beginning with the January 1982 estimates, the independent national controls used for the age-sex-race groups in the final step of the second-stage ratio adjustment are prepared by carrying forward the April 1, 1980, total population by age, race, and sex, taking account of the subsequent aging of the population, fertility, mortality, and net immigration, and then subtracting the estimate for the institutional population and Armed Forces. The April 1, 1980, total population was computed by adding together the resident population, consistent with that published for the 1980 census in *Advance Reports*, Series PHC80-V, and the Armed Forces overseas, as compiled from Department of Defense reports.

Data on births and deaths between April 1, 1980, and the estimate date are based on tabulation of vital statistics for the resident population made by the National Center for Health Statistics and data on deaths of military personnel overseas from the Department of Defense. Estimates of net civilian immigration are based on data provided by the Immigration and Naturalization Service, the Department of Defense, the Office of Personnel Management, and the Puerto Rico Planning Board. The civilian noninstitutional population for the estimate date is derived by subtracting the Armed Forces and the institutional population from the total population including Armed Forces overseas. The institutional population is computed by applying institutional proportions derived from the 1980 census to the total population, including Armed Forces overseas for the estimate date. All computations described above are performed in cells defined by single year of age, race, and sex. The independent national controls totals are then obtained by collapsing these cells into broader age groups for the population 16 years and older.

3. *Composite estimate procedure.* In deriving statistics for a given month, a composite estimating procedure is used which takes account of net changes from the previous month for continuing parts of the sample (75 percent) as well as the sample results for the current month. Almost all estimates of month-to-month change are improved by this procedure, and most estimates of levels are also improved, but to a lesser extent.

Rounding of estimates

The sums of individual items may not always equal the totals shown in the same tables because of independent rounding of totals and components to the nearest thousand. Differences, however, are insignificant.

Reliability of the estimates

There are two types of errors possible in an estimate based on a sample survey—sampling and nonsampling. The standard errors provided primarily indicate the magnitude of the sampling error. They also partially measure the effect of some nonsampling errors in response and enumeration but do not measure any systematic biases in the data.

Nonsampling errors. The full extent of nonsampling error is unknown, but special studies have been conducted to quantify some sources of nonsampling error in the CPS as discussed below. The effect of nonsampling error should be small on estimates of relative change, such as month-to-month change. Estimates of monthly levels would be more severely affected by the nonsampling error.

Nonsampling errors in surveys can be attributed to many sources, e.g., inability to obtain information about all cases in the sample, definitional difficulties, differences in the interpretation of questions, inability or unwillingness of respondents to provide correct information, inability to recall information, errors made in collection such as in recording or coding the data, errors made in processing the data, errors made in estimating values for missing data, and failure to represent all sample households and all persons within sample households (undercoverage).

Nonsampling errors occurring in the interview phase of the survey have been studied by means of a reinterview program. This program is used to estimate various sources of error as well as to evaluate and control the work of the interviewers. A random sample of each interviewer's work is inspected through reinterview at regular intervals. The results indicate, among other things, that the data published from the CPS are subject to moderate systematic biases. A description of the CPS reinterview program and some of the other results may be found in the *Current Population Survey Reinterview Program, January 1961 through December 1966*, Technical Paper No. 19, Bureau of the Census, U.S. Department of Commerce.

The effects of some components of nonsampling error in the CPS data can be examined as a result of the rotation plan used for the sample, since the level of the estimates varies by rotation group. A description of these effects appears in the article "The Effects of Rotation Group Bias on Estimates from Panel Surveys," by Barbara A. Bailar, *Journal of the American Statistical Association*, Volume 70, No. 349, March 1975.

Undercoverage in the CPS results from missed housing units and missed persons within sample households. Overall undercoverage as compared to the level of the decennial census, is about 5 percent. It is known that the CPS undercoverage varies with age, sex, and race. Generally, undercoverage is larger for males than for females, and larger for black and other races combined than for whites. Ratio estimation to independent age-sex-race population controls, as described previously, partially corrects for the biases due to survey undercoverage. However, biases exist in the estimates to the extent that missed persons in missed households or missed persons in interviewed households have different characteristics than interviewed persons in the same age-sex-race group. Further, the independent population controls used have not been adjusted for undercoverage in the 1980 census.

Additional information on nonsampling error in the CPS appears in the paper, "An Error Profile: Employment as Measured by the Current Population Survey," by Camilla Brooks and Barbara Bailar, Statistical Policy Working Paper 3, U.S. Department of Commerce, Office of Federal Statistical Policy and Standards; in the paper "The Current Population Survey: An Overview," by Marvin Thompson and Gary Shapiro, *Annals of Economic and Social Measurement, Vol. 2, April 1973;* and in the *The Current Population Survey, Design and Methodology*, Technical Paper No. 40, Bureau of the Census, U.S. Department of Commerce. This last document includes a comprehensive and up-to-date discussion of various sources of error, and describes attempts to measure them in the CPS.

Sampling error. The standard error is primarily a measure of sampling variability, that is, of the variation that occurs by chance because a sample rather than the entire population is surveyed. The sample estimate and its estimated standard error enable one to construct confidence intervals, ranges that would include the average of all possible samples with a known probability. For example, if all possible samples were selected, each of these surveyed under essentially the same general conditions and using the sample sample design, and an estimate and its estimated error were calculated from each sample, then:

same general conditions and using the same sample design, and an estimate and its estimated error were calculated from each sample, then:

1. Approximately 68 percent of the intervals from one standard error below the estimate to one standard error above the estimate would include the average result of all possible samples.
2. Approximately 90 percent of the intervals from 1.6 standard errors below the estmate to 1.6 standard errors above the estimate would include the average of all possible samples.
3. Approximately 95 percent of the intervals from 2 standard errors below the estimate to 2 standard errors above the estimate would include the average result of all possible samples.

In order to derive standard errors that would be applicable to a large number of estimates and could be prepared at a moderate cost, a number of approximations were required. First, the standard errors in this volume reflect the sample design and estimation procedures in effect prior to the expansions for State estimates. Thus, these standard errors may slightly overstate the standard errors applicable to the present design. Second, instead of computing an individual standard error for each estimate, generalized sets of standard errors were computed for various types of characteristics. This generalization yields more stable estimates of the standard errors. Consequently, the sets of standard errors provided give an indication of the order of magnitude of the standard error of an estimate rather than the precise standard error.

Tables B and C show approximate standard errors for major employment status characteristics for monthly estimates and for changes for consecutive months. These standard errors are applicable to the level of the estimates in recent months.

Tables D through H provide generalized standard errors for monthly level and month-to-month change for estimated totals, unemployment rates, and percentages. Table I contains factors for use with table H for computing standard errors, as described below, for monthly level and month-to-month change for percentages. Standard errors for intermediate values not shown in the tables may be approximated by linear interpolation. The standard error for estimated changes from one month to the next is more closely related to the monthly level for the characteristic than to the size of the specific month-to-month change itself. Thus, in order to use the generalized standard errors for month-to-month change as given in the tables of standard errors, it is necessary to obtain the monthly estimate for the characteristic. It should be noted that the tables of standard errors for month-to-month change apply only to estimates of change between two consecutive months. Estimates of change for nonconsecutive months are subject to higher standard errors. Table J contains factors for use with tables D,F,H,and I to compute approximate standard errors, as described below, for levels, labor force participation rates, and percentages as pertaining to year-to-year change of monthly estimates, quarterly averages, changes in quarterly averages, yearly averages and changes in yearly averages. Note that standard errors for changes in quarterly and yearly estimates apply only to consecutive quarters and years. For years prior to 1967, the standard errors must be adjusted due to the differences in the sample size. For years prior to 1956, the standard errors should be multiplied by 1.50 and for the 1956-66 period they should by multiplied by 1.22. Table K provides generalized standard errors for quarterly estimates of persons and families for use with the CPS earnings data.

Standard errors for estimated totals. Tables D and E provide generalized standard errors for monthly totals and for month-to-month change. The figures given in these tables are to used for the characteristics as indicated.

Illustration. Assume that in a given month the number of persons working a specific number of hours was 12,000,000, an increase of 400,000 over the previous month. Linear interpolation in the second column of table D shows that the standard error on an estimate of 12,000,000 is about 150,000. The 68 percent confidence interval as shown by these data is from 11,850,000 to 12,150,000. Therefore, a conclusion that the average estimate derived from all possible samples lies within a range computed in this way would be correct for roughly 68 percent of all possible samples. Recall that the standard error of a month-to-month change is primarily dependent on the size of the monthly estimate. Thus, using linear interpolation in the first column of table E the standard error on a month-to-month change of 400,000 when the monthly level is approximately 12,000,000 is about 111,000.

Standard errors for rates and percentages. The reliability of an estimated unemployment rate or an estimated percentage, computed using sample data for both numerator and denominator, depends on both the size of the rate or percentage and the total upon which the rate or percentage is based. Estimated rates and percentages are relatively more reliable than the corresponding estimates of the numerator of the rates or percentages; this is particularly true for percentages of 50 percent or more. As a general rule, percentages are not published when the monthly base is less than 75,000, the quarterly average base is less than 60,000, or the annual average base is less than 35,000.

Tables F and G show generalized standard errors for monthly level and month-to-month change for unemployment rates.

Generalized standard errors for estimated monthly percentages and estimated month-to-month change in percentages can be obtained through the use of the standard errors in table H and the factors in table I. First obtain the standard error from table H for the specific percentage and base. The generalized standard error is then calculated

Table B. Standard errors for major employment status categories

(In thousands)

Employment status, sex, age, and race	Standard error of-	
	Monthly level	Month-to-month change (consecutive months only)
Total, 16 years and over:		
Civilian labor force	208	161
Employed	229	175
Unemployed	122	123
Males, 20 years and over:		
Civilian labor force	113	95
Employed	131	114
Unemployed	84	85
Females, 20 years and over:		
Civilian labor force	167	124
Employed	168	128
Unemployed	71	74
Both sexes, 16-19 years:		
Civilian labor force	80	85
Employed	85	94
Unemployed	58	72
Black and other, 16 years and over:		
Civilian labor force	73	56
Employed	84	63
Unemployed	59	62
Males, 20 years and over:		
Civilian labor force	40	34
Employed	49	43
Unemployed	40	42
Females, 20 years and over:		
Civilian labor force	62	46
Employed	62	48
Unemployed	36	40
Both sexes, 16-19 years:		
Civilian labor force	33	37
Employed	31	36
Unemployed	28	30

by multiplying the standard error from table H by the appropriate factor from table I. When the numerator and denominator of the percentage are in different categories, use the factor indicated by the numerator of the percentage.

Illustration. For example, assume that in a given month 3.6 percent of a total of 90,771,000 employed persons are employed in agriculture. First the standard error on an estimate of 3.6 percent with a base of 90,771,000 is obtained from table H (0.09 percentage point). The appropriate factor from table I for the numerator of the percentage, agricultural employment, is 1.26. The generalized standard error on the estimated 3.6 percent is then approximately 0.09 x 1.26 = 0.1 percentage point.

Standard errors for year-to-year change of monthly estimates, quarterly averages, changes in quarterly averages, yearly averages and changes in yearly averages. The approximate standard errors of levels, rates and percentages involving year-to-year change of monthly estimates, quarterly averages, changes in quarterly averages, yearly averages and changes in yearly averages may be obtained by using table J in conjunction with the other tables. Standard errors for estimates of change are more closely related to the level of the estimate than to the size of the specific change. Thus, to obtain the standard error of an estimate of an average level, rate, or percentage, or an estimate of a change in level, rate, or percentage, it is first necessary to find the appropriate estimate of level. For an estimate of an average level, rate or percentage, find the standard error of this estimate. For an estimate of change in level, rate or percentage, find the standard error of the average of the two estimates affecting the change. Then, after computing the standard error by treating these estimates as monthly estimates and using the procedures above, multiply this result by a suitable factor from table J to obtain the approximate standard error for the average or change.

Illustration. For example, suppose that one is interested in the year-to-year change of a monthly unemployment rate. Let us assume that for a certain month the unemployment rate is 6.9 percent based on a total of 95,676,000 in the civilian labor force, and that a year prior to this the unemployment rate was 6.1 percent based on a total of 94,254,000 in the civilian labor force for the month. First, the standard error on the average of the two estimates, 6.5 percent with a base of 94,965,000, is obtained from table F (0.11 percentage point). The appropriate factor then from table J is 1.40. The approximate standard error on the change of 0.8 percent is then given by 0.11x1.40 = 0.15 percentage point.

The approximate standard error of levels involving year-to-year change of quarterly estimates pertaining to CPS earnings data for persons and families may be obtained by using table K in conjunction with the following formula:

$$\text{Standard error of year-to-year change} = \sqrt{\left(\begin{matrix}\text{Standard}\\ \text{error}\\ X\end{matrix}\right)^2 + \left(\begin{matrix}\text{Standard}\\ \text{error}\\ Y\end{matrix}\right)^2 - 2(P)\left(\begin{matrix}\text{Standard}\\ \text{error}\\ X\end{matrix}\right)\left(\begin{matrix}\text{Standard}\\ \text{error}\\ Y\end{matrix}\right)}$$

where X is the estimate for one quarter and Y is the estimate for another quarter. The coefficient, P, is a measure of the correlation between the estimates X and Y resulting from the presence of some of the same respondents in the sample for each estimate. For consecutive year-to-year changes of quarterly estimates, the values of P are .30 for persons (total, white, and black) and .35 for families (total, white, and black). The respective values for estimates of Hispanics are .45 and .55.

Illustration:

Assume that in a given quarter the number of women employed as full-time wage and salary workers was 27,000,000 and in the same quarter a year later their number had increased to 29,000,000. Using linear interpolation in the eighth column of table K, the standard error of an estimate of 27,000,000 is 216,000; for 29,000,000 it is 221,000. Using the above formula, the standard error of the 2,000,000 year-to-year change is:

$$\sqrt{(216{,}000)^2 + (221{,}000)^2 - 2\,(.30)\,(216{,}000)\,(221{,}000)},$$

or about 259,000.

Table C. Standard errors for unemployment rates by major characteristics

Selected categories	Standard error of–		Selected categories	Standard error of–	
	Monthly level	Consecutive month change		Monthly level	Consecutive month change
Total (all civilian workers)	0.12	0.12	OCCUPATION		
Males, 20 years and over	.15	.15			
Females, 20 years and over	.17	.18	Blue-collar workers—Continued		
Both sexes, 16-19 years	.57	.67	Craft and kindred workers	0.33	0.37
White workers	.12	.12	Operatives, except transport	.44	.50
Black (and other) workers	.48	.49	Transport equipment operatives	.70	.77
Married men, spouse present	.15	.16	Nonfarm laborers	.71	.81
Married women, spouse present	.21	.23	Service workers	.32	.36
Full-time workers	.12	.13	Farm workers	.54	.62
Part-time workers	.32	.40			
Unemployed 15 weeks and over	.06	.07	INDUSTRY		
OCCUPATION					
			Nonagricultural private wage and salary workers	.13	.13
White-collar workers	.12	.13	Construction	.59	.70
Professional and technical	.18	.20	Manufacturing	.27	.30
Managers and administrators, except farm	.20	.23	Durable goods	.37	.41
Sales workers	.36	.41	Nondurable goods	.39	.45
Clerical workers	.23	.25	Transportation and public utilities	.38	.42
Blue-collar workers	.24	.26	Wholesale and retail trade	.26	.29
			Finance and service industries	.17	.19
			Government workers	.20	.23
			Agricultural wage and salary workers	1.07	1.26

Table D. Standard errors for estimates of monthly level

(In thousands)

Estimated monthly level	Characteristic[1]								
	Agricultural employment	Labor force data other than unemployment and agricultural employment data						Unemployment	
		Total or white	Black and other	Total or white, 16-19 years	Black and other, 16-19 years	Total or white males only, or females only	Black and other males only, or females only	Total or white	Black and other
50	13	10	10	10	10	9	9	10	11
100	18	14	14	14	14	13	13	14	15
500	41	32	32	32	28	30	29	31	33
1,000	57	45	44	44	33	42	40	44	46
2,000	81	64	60	60	13	59	52	62	63
4,000	113	90	79	77	–	82	60	87	83
6,000	137	109	88	84	–	99	53	106	93
8,000	–	125	90	84	–	113	16	122	–
10,000	–	139	87	76	–	124	–	135	–
15,000	–	166	36	–	–	146	–	163	–
20,000	–	188	–	–	–	161	–	182	–
30,000	–	219	–	–	–	177	–	–	–
40,000	–	249	–	–	–	178	–	–	–
50,000	–	253	–	–	–	164	–	–	–
60,000	–	260	–	–	–	131	–	–	–
70,000	–	260	–	–	–	49	–	–	–
80,000	–	254	–	–	–	–	–	–	–
100,000	–	221	–	–	–	–	–	–	–
120,000	–	143	–	–	–	–	–	–	–

[1] When determining the standard error of an estimate for a group which is a subset of the age, sex, or race groups listed, use the standard error for the next larger group, e.g., when determining the standard error on the estimated number of employed persons age 20 to 54 years, use the column for total employed.

Table E. Standard errors for estimates of month-to-month change

(In thousands)

Estimated monthly level	Characteristic[1]							
	Labor force data other than unemployment and agricultural employment data				Unemployment			
	Total or white	Black and other	Total or white, 16-19 years	Black and other, 16-19 years	Total or white	Both sexes 16-19 years, or part-time labor force[2]	Black and other	Black and other, 16-19 years
50	8	8	12	12	11	12	12	12
100	11	11	17	17	16	17	16	17
500	24	23	37	33	35	39	36	34
1,000	34	33	52	37	48	55	49	39
2,000	47	45	70	–	68	77	65	–
4,000	66	58	89	–	93	107	80	–
6,000	81	65	96	–	110	129	–	–
8,000	93	68	93	–	123	147	–	–
10,000	103	65	78	–	132	162	–	–
15,000	123	33	–	–	145	191	–	–
20,000	130	–	–	–	146	211	–	–
30,000	163	–	–	–	–	–	–	–
40,000	179	–	–	–	–	–	–	–
50,000	189	–	–	–	–	–	–	–
60,000	194	–	–	–	–	–	–	–
70,000	195	–	–	–	–	–	–	–
80,000	191	–	–	–	–	–	–	–
100,000	179	–	–	–	–	–	–	–
120,000	119	–	–	–	–	–	–	–

[1] See footnote 1, table D.

[2] Part-time labor force for unemployment also includes persons reentering the labor force, persons who left their last job, and persons by duration of unemployment.

Table F. Standard errors for unemployment rates

Monthly base of unemployment rate (in thousands)	Monthly unemployment rate (percent)									
	1	2	5	10	15	20	25	30	35	50
50	2.05	2.88	4.49	6.18	7.36	8.25	8.93	9.46	9.85	10.36
100	1.45	2.04	3.18	4.37	5.20	5.83	6.32	6.69	6.97	7.33
500	.65	.91	1.42	1.96	2.33	2.61	2.82	2.99	3.12	3.28
1,000	.46	.65	1.01	1.38	1.65	1.84	2.00	2.12	2.21	2.32
2,000	.32	.46	.71	.98	1.17	1.31	1.42	1.50	1.56	1.64
4,000	.23	.32	.50	.69	.83	.92	1.00	1.06	1.10	1.16
6,000	.19	.26	.41	.57	.67	.75	.82	.86	.90	.94
10,000	.15	.21	.32	.44	.52	.59	.63	.67	.70	.73
20,000	.11	.15	.23	.31	.37	.41	.45	.47	.49	.51
60,000	.06	.08	.12	.17	.20	.23	.25	.26	.27	.28
100,000	.04	.06	.10	.13	.16	.18	.19	.20	.21	.22

Table G. Standard errors for month-to-month change in unemployment rates

Monthly base of unemployment rate (in thousands)	Monthly unemployment rate (percent)									
	1	2	5	10	15	20	25	30	35	50
50	2.32	3.28	5.12	7.10	8.52	9.64	10.05	11.39	11.97	12.55
100	1.64	2.32	3.62	5.02	6.02	6.81	7.11	8.05	8.39	8.87
500	.74	1.04	1.62	2.25	2.69	3.04	3.17	3.58	3.73	3.93
1,000	.52	.73	1.15	1.59	1.90	2.15	2.24	2.52	2.62	2.74
2,000	.37	.52	.81	1.12	1.34	1.51	1.57	1.76	1.83	1.89
4,000	.26	.37	.57	.79	.94	1.06	1.10	1.22	1.26	1.26
6,000	.21	.30	.47	.64	.76	.86	.89	.97	1.00	–
10,000	.16	.13	.36	.49	.59	.65	.67	.72	–	–
20,000	.11	.15	.24	.33	.39	.44	.48	.51	–	–
60,000	.06	.09	.13	.18	.21	.22	.23	–	–	–
100,000	.05	.07	.10	.13	.14	.14	–	–	–	–

Table H. Standard errors for estimated percentages and month-to-month change in percentages for labor force data

Monthly base of percentages (in thousands)	Percentage of monthly level									
	1 or 99	2 or 98	5 or 95	10 or 90	15 or 85	20 or 80	25 or 75	30 or 70	35 or 65	50
50	2.03	2.85	4.44	6.12	7.28	8.15	8.83	9.34	9.72	10.19
100	1.43	2.02	3.14	4.32	5.15	5.77	6.24	6.61	6.88	7.21
500	.64	.90	1.41	1.93	2.30	2.58	2.79	2.95	3.07	3.22
1,000	.45	.64	.99	1.37	1.63	1.82	1.97	2.09	2.17	2.28
2,000	.32	.45	.70	.97	1.15	1.29	1.40	1.48	1.54	1.61
4,000	.23	.32	.50	.68	.81	.91	.99	1.04	1.09	1.14
6,000	.19	.26	.41	.56	.66	.74	.81	.85	.89	.93
10,000	.14	.20	.31	.43	.51	.58	.62	.66	.69	.73
20,000	.10	.14	.22	.31	.36	.41	.44	.47	.49	.51
40,000	.07	.10	.16	.22	.26	.29	.31	.33	.34	.36
60,000	.06	.08	.13	.18	.21	.24	.25	.27	.28	.29
80,000	.05	.07	.11	.15	.18	.20	.22	.23	.24	.25
100,000	.05	.06	.10	.14	.16	.18	.20	.21	.22	.23
160,000	.04	.05	.08	.11	.13	.14	.16	.17	.17	.18

NOTE: The standard errors in this table must be multiplied by the factors in table I to obtain the approximate standard error for a specific characteristic.

Table I. Factors to be used with Table H to compute approximate standard errors for percentages and month-to-month change in percentages

Characteristic	Factor		Characteristic	Factor	
	Monthly level	Month-to-month change		Monthly level	Month-to-month change
Agricultural employment:			Unemployment:		
Total or full-time labor force	1.26	1.05	Part-time labor force, duration of unemployment, left last job, reentering labor force	1.01	1.21
Part-time labor force	1.26	1.50			
Labor force data other than agricultural employment data and unemployment data:			All other unemployment characteristics:		
Total	1.00	.74	Total or white:		
Males only	.93	.84	Total	.97	1.08
Females only	.66	.75	Both sexes, 16-19 years	.97	1.21
Both sexes, 16-19 years	1.00	1.18	Black and other:		
Part-time labor force	1.00	1.18	Total	1.04	1.13
			Both sexes, 16-19 years	1.04	1.24

Table J. Factors to be used with Tables, D, F, H, and I to compute the approximate standard errors for levels, rates, and percentages for year-to-year change of monthly estimates, quarterly averages, change in quarterly averages, yearly averages and change in yearly averages

Characteristic	Factors				
	Year-to-year change of monthly estimate	Quarterly averages	Change in quarterly averages	Yearly averages	Change in yearly averages
Agricultural employment:					
Total or males	1.30	0.89	0.80	0.72	0.70
Females or teenagers (16-19 years)	1.30	.83	.80	.58	.70
Part time	1.40	.74	.80	.46	.70
Labor force data other than agricultural employment data and unemployment data:					
Total or white	1.30	.88	.88	.67	.70
Black and other or teenagers (16-19 years)	1.30	.82	.88	.57	.70
Part time	1.40	.74	.88	.46	.60
Unemployment:					
Total	1.40	.76	.88	.50	.65
Part time	1.40	.69	.88	.39	.54

Table K. Standard errors for estimates of quarterly level

(in thousands)

Estimated quarterly level	Characteristic								
	Total			Males				Females	
	Part-time workers	Total or full-time workers		Part-time workers	Total or full-time workers			Total, full-time, or part-time workers	
		Total or white	Black		Total	White	Black	Total or white	Black
10	5	5	5	5	5	5	5	5	5
50	11	12	12	11	12	12	12	11	11
75	13	15	15	13	15	15	15	13	13
100	15	17	17	15	17	17	17	15	15
150	19	21	21	19	21	21	21	19	19
200	22	24	24	22	24	24	24	22	21
250	24	27	27	24	27	27	27	24	24
300	26	30	30	26	30	30	29	26	26
500	34	38	38	34	38	38	37	34	33
750	42	47	46	42	47	47	45	42	41
1,000	48	54	53	48	54	54	50	48	46
1,500	59	66	63	59	66	66	59	59	56
2,000	68	76	72	68	76	76	65	68	63
2,500	76	85	79	75	84	84	69	75	69
3,000	83	93	85	82	92	92	71	82	74
5,000	107	119	100	105	117	116	64	105	85
7,500	130	145	107	127	140	138	-	127	-
10,000	149	165	102	144	157	155	-	145	-
15,000	180	198	-	187	183	179	-	173	-
20,000	205	224	-	192	199	193	-	195	-
25,000	226	244	-	207	209	199	-	211	-
30,000	224	261	-	219	212	198	-	224	-
40,000	273	286	-	236	201	174	-	242	-
50,000	296	301	-	-	-	-	-	-	-
75,000	331	304	-	-	-	-	-	-	-
100,000	343	255	-	-	-	-	-	-	-

Establishment Data
(B and C tables)

COLLECTION

Payroll reports provide current information on wage and salary employment, hours, and earnings in nonagricultural establishments, by industry and geographic location.

Federal-State cooperation

Under cooperative arrangements, responding establishments report employment, hours, and earnings data to State agencies. State agencies mail the forms to the establishments and examine the returns for consistency, accuracy, and completeness. The States use the reported data to prepare State and area series and also send the reported data to the BLS (Washington Office) for use in preparing the national series. This avoids a duplicate reporting burden on establishments, and together with the use of similar estimating techniques at the national and State levels, promotes increased comparability between estimates.

Shuttle schedules

Form BLS 790—Report on Employment, Payroll, and Hours is the name of the data collection schedule. The collection agency returns the schedule to the respondent each month so that the next month's data can be entered on the space alotted for that month. This "shuttle" procedure assures maximum comparability and accuracy of reporting, since the respondent can see the figures that have been reported for previous months.

Form BLS 790 provides for entry of data on the total number of full- and part-time workers on the payrolls of nonagricultural establishments and, for most industries, employment, payroll, and hours of production and related workers or nonsupervisory workers for pay period which includes the 12th of the month.

CONCEPTS

Industrial classification

Establishments reporting on Form BLS 790 are classified into industries on the basis of their principal product or activity determined from information on annual sales volume. Since January 1980, this information is collected on a supplement to the quarterly unemployment insurance tax reports filed by employers. For an establishment making more than one product or engaging in more than one activity, the entire employment of the establishment is included under the industry indicated by the principal product or activity.

All data on employment, hours, and earnings for the Nation and for States and areas are classified in accordance with the 1972 *Standard Industrial Classification Manual* (SICM), Office of Management and Budget. The BLS tabulates and estimates statistics which distinguish between private and public establishments, thus maintaining continuity with previously published statistics for the private and government sector.

Industry employment

Employment data, except those for the Federal Government, refer to persons on establishment payrolls who received pay for any part of the pay period which includes the 12th of the month. For Federal Government establishments, employment figures represent the number of persons who occupied positions on the last day of the calendar month. Intermittent workers are counted if they performed any service during the month.

The data exclude proprietors, the self-employed, unpaid volunteer or family workers, farm workers, and domestic workers in households. Salaried officers of corporations are included. Government employment covers only civilian employees; military personnel are excluded. Employees of the Central Intelligence and National Security Agencies are also excluded.

Persons on establishment payrolls who are on paid sick leave (when pay is received directly from the firm), on paid holiday, on paid vacation, or who work during a part of the pay period even though they are unemployed or on strike during the rest of the period are counted as employed. Not counted as employed are persons who are on layoff, on leave without pay, on strike for the entire period, or who were hired but have not yet reported during the period.

Industry hours and earnings

Average hours and earnings data are derived from reports of payrolls and hours for production and related workers in manufacturing and mining, construction workers in construction, and nonsupervisory employees in private service-producing industries.

Production and related workers include working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, trucking, hauling, maintenance, repair, janitorial, guard services, product development, auxiliary production for plant's own use (e.g., power plant), recordkeeping, and other services closely associated with the above production operation.

Construction workers include the following employees in the construction division: Working supervisors, qualified craft workers, mechanics, apprentices, helpers, laborers, etc., engaged in new work, alterations, demolition, repair, maintenance, etc., whether working at the site of contruction or working in shops or yards at jobs (such as precutting and preassembling) ordinarily performed by members of the construction trades.

Nonsupervisory employees include employees (not above the working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, physicians, lawyers, accountants, nurses, social workers, research aides, teachers, drafters, photographers, beauticians, musicians, restaurant workers, custodial workers, attendants, line installers and repairers, laborers, janitors, guards, and other employees at similar occupational levels whose services are closely associated with those of the employees listed.

Payroll covers the payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of the pay period which includes the 12th of the month. The payroll is reported before deductions of any kind, e.g., for old-age and unemployment insurance, group insurance, withholding tax, bonds, or union dues; also included is pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period); other pay not earned in the pay period reported (e.g., retroactive pay); tips; and the value of free rent, fuel, meals, or other payment in kind are excluded. "Fringe benefits" (such as health and other types of insurance, contributions to retirement, etc., paid by the employer) are also excluded.

Hours cover the hours paid for during the pay period which includes the 12th of the month for production, construction, or nonsupervisory workers. Included are hours paid for holidays, vacations, and for sick leave when pay is received directly from the firm.

Overtime hours covers hours worked by production or related workers for which overtime premiums were paid because the hours were in excess of the number of hours of either the straight-time workday or the workweek during the pay period which includes the 12th of the month. Weekend and holiday hours are included only if overtime premiums were paid. Hours for which only shift differential, hazard, incentive, or other similar types of premiums were paid are excluded.

Gross average hourly and weekly earnings. Average hourly earnings are on a "gross" basis. They reflect not only changes in basic hourly and incentive wage rates but also such variable factors as premium pay for overtime and late-shift work and changes in output of workers

paid on an incentive plan. They also reflect shifts in the number of employees between relatively high-paid and low-paid work and changes in workers' earnings in individual establishments. Averages for groups and divisions further reflect changes in average hourly earnings for individual industries.

Averages of hourly earnings differ from wage rates. Earnings are the actual return to the worker for a stated period of time; rates are the amount stipulated for a given unit of work or time. The earnings series do not measure the level of total labor costs on the part of the employer since the following are excluded: Irregular bonuses, retroactive items, payments of various welfare benefits, payroll taxes paid by employers, and earnings for those employees not covered under the production worker, construction worker, or nonsupervisory employee definitions.

Gross average weekly earnings estimates are derived by multiplying average weekly hours estimates by average hourly earnings estimates. Therefore, weekly earnings are affected not only by changes in gross average hourly earnings but also by changes in the length of the workweek. Monthly variations in such factors as proportion of part-time workers, stoppages for varying reasons, labor turnover during the survey period, and absenteeism for which employees are not paid may cause the average workweek to fluctuate.

Long-term trends of gross average weekly earnings can be affected by structual changes in the makeup of the work force. For example, persistent long-term increases in the proportion of part-time workers in retail trade and many of the services industries have reduced average workweeks in these industries and have affected the average weekly earnings series.

Average weekly hours. The workweek information relates to the average hours for which pay was received and is different from standard or scheduled hours. Such factors as unpaid absenteeism, labor turnover, part-time work, and stoppages cause average weekly hours to be lower than scheduled hours of work for an establishment. Group averages further reflect changes in the workweek of component industries.

Average overtime hours. The overtime hours represent that portion of the gross average weekly hours which exceeded regular hours and for which overtime premiums were paid. If an employee were to work on a paid holiday at regular rates, receiving as total compensation his or her holiday pay plus straight-time pay for hours worked that day, no overtime hours would be reported.

Since overtime hours are premium hours by definition, gross weekly hours and overtime hours do not necessarily move in the same direction from month to month; for example, overtime premiums may be paid for hours in excess of the straight-time workday although less than a full week is worked. Diverse trends at the industry-group level also may be caused by a marked change in hours for a component industry where little or no overtime was worked in both the previous and current months. In addition, such factors as stoppages, absenteeism, and labor turnover may not have the same influence on overtime hours as on gross hours.

Railroads hours and earnings. The figures for Class I railroads (excluding switching and terminal companies) are based on monthly data summarized in the M-300 report of the Interstate Commerce Commission and relate to all employees except executives, officials, and staff assistants (ICC group I) who received pay during the month. Gross average hourly earnings are computed by dividing total compensation by total hours paid for. Average weekly hours are obtained by dividing the total number of hours paid for, reduced to a weekly basis, by the number of employees, as defined above. Gross average weekly earnings are derived by multiplying average weekly hours by average hourly earnings.

"Real" earnings, or earnings in constant dollars, are calculated from the earnings averages for the current month using a deflator derived from the Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W).

Average hourly earnings excluding overtime. Average hourly earnings excluding overtime premium pay are computed by dividing the total production-worker payroll for the industry group by the sum of total production-worker hours and one-half of total overtime hours. Prior to January 1956, these data were based on the application of adjustment factors to gross average hourly earnings (as described in the *Monthly Labor Review*, May 1950, pp. 537-40). Both methods eliminate only the earnings due to overtime paid for at 1½ times the straight-time rates. No adjustment is made for other premium payment provisions, such as holiday work, late-shift work, and overtime rates other than time and one-half.

Indexes of aggregate weekly payrolls and hours. The indexes of aggregate weekly payrolls and hours are prepared by dividing the current month's aggregate by the average of the 12 monthly figures for 1977. For basic industries, the hour aggregates are the product of average weekly hours and production-worker or nonsupervisory-worker employment, and the payroll aggregates are the product of hour aggregates and average hourly earnings. At all higher levels of industry aggregation, hour and payroll aggregates are the sum of the component aggregates.

Indexes of diffusion of changes in number of employees on nonagricultural payrolls. These indexes measure the percent of industries which posted increases in employment over the specified time span. The indexes are calculated from 172 unpublished seasonally adjusted employment series (two-digit nonmanufacturing industries and three-digit manufacturing industries) covering all nonagricultural payroll employment in the private sector. A more detailed discussion of these indexes appears in "Introduction of Diffusion Indexes," in the December 1974 issue of *Employment and Earnings*.

ESTIMATING METHODS

The principal features of the procedure used to estimate employment for the establishment statistics are (1) the use of the "link relative" technique, which is a form of ratio estimation; (2) periodic adjustment of employment levels to new benchmarks; and (3) the use of size and regional stratification.

The "link relative" technique

From a sample composed of establishments reporting for both the previous and current months, the ratio of current month employment to that of the previous month is computed. This is called a "link relative." The estimates of employment (all employees, including production and nonproduction workers together) for the current month are obtained by multiplying the estimates for the previous month by these "link relatives." In addition, small bias correction factors are applied to selected employment estimates each month. The size of the bias correction factors is determined from past experience. Other features of the general procedures are described in table L.

Size and regional stratification

A number of industries are stratified by size of establishment and/or by region, and the stratified production or nonsupervisory worker data are used to weight the hours and earnings into broader industry groupings. Accordingly, the basic estimating cell for an employment, hours, or earnings series, as the term is used in the summary of computational methods in table L, may be a whole industry or a size stratum, a region stratum, or a size stratum of a region within an industry.

Benchmark adjustments

Employment estimates are compared periodically with comprehensive counts of employment which provide "benchmarks" for the

Table L. Summary of methods for computing industry statistics on employment, hours, and earnings

Item	Basic estimating cell (industry, region, size, or region/size cell)	Aggregate industry levels (divisions, groups and, where stratified, individual cells)
	Monthly data	
All employees	All-employee estimate for previous month multiplied by ratio of all employees in current month to all employees in previous month, for sample establishments which reported for both months.[1]	Sum of all-employee estimates for component cells.
Production or nonsupervisory workers, women employees	All-employee estimate for current month multiplied by (1) ratio of production or nonsupervisory workers to all employees in sample establishments for current month, (2) estimated ratio of women to all employees.[2]	Sum of production- or nonsupervisory-worker estimates, or estimates of women employees, for component cells.
Gross average weekly hours	Production- or nonsupervisory-worker hours divided by number of production or nonsupervisory workers.[2]	Average, weighted by production- or nonsupervisory-worker employment, of the average weekly hours for component cells.
Average weekly overtime hours	Production-worker overtime hours divided by number of production workers.[2]	Average, weighted by production-worker employment, of the average weekly overtime hours for component cells.
Gross average hourly earnings	Total production- or nonsupervisory-worker payroll divided by total production- or nonsupervisory-worker hours.[2]	Average, weighted by aggregate hours, of the average hourly earnings for component cells.
Gross average weekly earnings	Product of gross average weekly hours and average hourly earnings.	Product of gross average weekly hours and average hourly earnings.
	Annual average data	
All employees, women employees, and production or nonsupervisory workers	Sum of monthly estimates divided by 12.	Sum of monthly estimates divided by 12.
Gross average weekly hours	Annual total of aggregate hours (production- or nonsupervisory-worker employment multiplied by average weekly hours) divided by annual sum of employment.	Annual total of aggregate hours for production or nonsupervisory workers divided by annual sum of employment for these workers.
Average weekly overtime hours	Annual total of aggregate overtime hours (production-worker employment multiplied by average weekly overtime hours) divided by annual sum of employment.	Annual total of aggregate overtime hours for production workers divided by annual sum of employment for these workers
Gross average hourly earnings	Annual total of aggregate payrolls (product of production- or nonsupervisory-worker employment by weekly hours and hourly earnings) divided by annual aggregate hours.	Annual total by aggregate payrolls divided by annual aggregate hours.
Gross average weekly earnings	Product of gross average weekly hours and average hourly earnings.	Product of gross average weekly hours and average hourly earnings.

[1] The estimates result from multiplying the product shown by bias adjustment factors to compensate for the underrepresentation of newly formed enterprises in the sample and other bias sources.

[2] The sample production-worker ratio, women-worker ratio, average weekly hours, average overtime hours, and average hourly earnings are modified by a wedging technique designed to compensate for changes in the sample arising mainly from the voluntary character of the reporting. The wedging procedure accepts the advantage of continuity from the use of the matched sample, and at the same time, tapers or wedges the estimate toward the level of the latest sample average.

various nonagricultural industries, and appropriate adjustments are made as indicated. The industry estimates are currently projected from March 1980 levels. Normally, benchmark adjustments are made annually.

The primary sources of benchmark information are employment data, by industry, compiled quarterly by States agencies from reports of establishments covered under State unemployment insurance laws. These tabulations cover about 98 percent of employees on nonagricultural payrolls in the United States. Benchmark data for the residual are obtained from the records of the Social Security Administration, the Interstate Commerce Commission, and a number of other agencies in private industry or government.

The estimates for the benchmark month are compared with new benchmark levels, industry by industry. If revisions are necessary, the monthly series of estimates between benchmark periods are adjusted between the new benchmark and the preceding one, and the new benchmark for each industry is then carried forward progressively to the current month by use of the sample trends. Thus, under this procedure, the benchmark is used to establish the level of employment; the sample is used to measure the month-to-month changes in the level. A comparison of the actual amounts of revisions made at the time of the March 1980 benchmark adjustment is shown in table M.

Data for all months since the last benchmark to which the series has been adjusted are subject to revision. Revised data are published as soon as possible after each benchmark revision.

THE SAMPLE

Design

The sampling plan used in the current employment statistics program is know as "sampling proportionate to average size of establishment." This design is an optimum allocation design among strata since the sampling variance is proportional to the average size of establishments. Under this type of design, large establishments fall into the sample with certainty. The size of the sample for the various industries is determined empirically on the basis of experience and of cost considerations. In a manufacturing industry in which a high proportion of total employment is concentrated in relatively few establishments, a large percent of total employment is included in the sample. Consequently, the sample design for such industries provides for a complete census of the large establishments with only a few chosen from among the smaller establishments or none at all if the concentration of employment is great enough. On the other hand, in an industry in which a large proportion of total employment is in small establishments, the sample design calls for inclusion of all large establishments and also for a substantial number of the small ones. Many industries in the trade and services divisions fall into this category. To keep the sample to a size which can be handled by available resources, it is necessary to design samples for these industries with a smaller proportion of universe employment than is the case for most manufacturing industries. Since individual establishments in these nonmanufacturing divisions generally show less fluctuation from regular cyclical or seasonal patterns than do establishments in manufacturing industries, these smaller samples (in terms of employment) generally produce reliable estimates.

In the context of the BLS employment statistics program, with its emphasis on producing timely data at minimum cost, a sample must be obtained which will provide coverage of a sufficiently large segment of the universe to provide reasonably reliable estimates that can be published promptly and regularly. The present sample meets these specifications for most industries. With its use, the BLS is able to produce preliminary estimates each month for many industries and for many geographic levels within a few weeks after the reference period, and, at a somewhat later date, statistics in considerably greater industrial detail.

Table M. Comparison of nonagricultural employment benchmarks and estimates for March 1980

Industry division	Bench-mark, March 1980	Estimate, March 1980	Percent difference
Total	90,253,000	90,316,000	0.1
Mining	990,000	996,000	.6
Construction	4,087,000	4,150,000	1.5
Manufacturing	20,722,000	20,793,000	.3
Transportation and public utilities	5,127,000	5,143,000	.3
Wholesale and retail trade	20,068,000	20,226,000	.7
Finance, insurance, and real estate	5,090,000	5,085,000	-.1
Services	17,636,000	17,478,000	-.9
Government	16,533,000	16,445,000	-.5

Coverage

The BLS sample of establishment employment and payrolls is the largest monthly sampling operation in the field of social statistics. Table N shows the approximate proportion of total employment in each industry division covered by the group of establishments furnishing monthly employment data. The coverage for individual industries within the division may vary from the proportions shown.

Reliability of the employment estimates

Although the relatively large size of the BLS establishment sample assures a high degree of accuracy, the estimates derived from it may differ from the figures that would be obtained if it were possible to take a complete census using the same schedules and procedures. As discussed under the previous section, a "link relative" technique is used to estimate employment. This requires the use of the previous month's estimate as the base in computing the current month's estimate. Thus, small sampling and response errors may cumulate over several months. To remove this accumulated error, the estimates are usually adjusted annually to new benchmarks. In addition to taking account of sampling and response errors, the benchmark revision

Table N. Approximate size and coverage of BLS employment and payrolls sample, March 1980[1]

Industry division	Number of establishments in sample	Employees	
		Number reported	Percent of total
Total	166,300	35,270,000	38
Mining	2,100	369,000	37
Construction	16,100	739,000	18
Manufacturing	44,200	11,175,000	54
Transportation and public utilities:			
Railroad transportation (ICC)	40	482,000	90
Other transportation and public utilities	7,600	2,623,000	57
Wholesale and retail trade	41,100	3,288,000	16
Finance, insurance, and real estate	11,200	1,826,000	36
Services	25,500	3,516,000	20
Government:			
Federal[2]	4,500	2,869,000	100
State and local	13,900	8,383,000	61

[1] Since a few establishments do not report payroll and hours information, hours and earnings estimates may be based on a slightly smaller sample than employment estimates.

[2] National estimates of Federal employment by agency are provided to BLS by the Office of Personnel Management. Detailed industry estimates for the Executive Branch, as well as State and area estimates of Federal employment, are based on a sample of 4,700 reports covering about 55 percent of employment in Federal establishments.

adjusts the estimates for changes in the industrial classification of individual establishments (resulting from changes in their product which are not reflected in the levels of estimates until the data are adjusted to new benchmarks). In fact, at the more detailed industry levels, particularly within manufacturing, changes in classification are the major cause of benchmark adjustments. Another cause of differences arises from improvements in the quality of the benchmark data. Table O presents the average percent revisions of the six most recent benchmarks (excluding the March 1973 adjustment) for major industry divisions. Detailed descriptions of individual benchmark revisions are available from the Bureau upon request.

The hours and earnings estimates for basic estimating cells are not subject to benchmark revisions, although the broader groupings may be affected slightly by changes in employment weights. The hours and earnings estimates, however, are subject to sampling errors which may be expressed as relative errors of the estimates. (A relative error is a standard error expressed as a percent of the estimate.) Relative errors for major industries are presented in table O and for individual industries with the specified number of employees in table P. The chances are about 2 out of 3 that the hours and earnings estimates from the sample would differ by a smaller percentage than the relative error from the averages that would have been obtained from a complete census.

One measure of the reliability of the employment estimates for individual industries is the root-mean-square error (RMSE). The measure is the standard deviation adjusted for the bias in estimates:

$$\text{RMSE} = \sqrt{(\text{Standard Deviation})^2 + (\text{Bias})^2}$$

If the bias is small, the chances are about 2 out of 3 that an estimate from the sample would differ from its benchmark by less than the root-mean-square error. The chances are about 19 out of 20 that the difference would be less than twice the root-mean-square error.

Table O. Average benchmark revision in employment estimates and relative errors for average weekly hours and average hourly earnings by industry division

(In percent)

Industry division	Average benchmark revision in estimates of employment[1]	Relative errors[2]	
		Average weekly hours	Average hourly earnings
Total nonagricultural employment	0.3	–	–
Total private	.3	0.1	0.2
Mining	1.0	.5	.5
Construction	1.7	.2	.3
Manufacturing	.3	.1	.1
Durable goods	.4	.1	.1
Nondurable goods	.4	.1	.1
Transportation and public utilities	.4	.7	.4
Trade	.4	.1	.2
Wholesale	.7	.2	.3
Retail	.4	.2	.2
Finance, insurance, and real estate	.5	.2	.4
Services	.7	.4	.8
Government[3]	.5	–	–

[1] The average percent revision in employment for the following benchmarks: 1970, 1971, 1974, 1978, and 1979.
[2] Relative errors relate to March 1971 data.
[3] Estimates for government are based on a total count for Federal Government and, prior to the March 1980 revision,samples for State and local government benchmarked to a quinquennial census of government conducted by the Bureau of the Census.

Approximations of the root-mean-square errors (based on the most recent benchmark revisions) of differences between final estimates and benchmarks are presented in table P.

Table P. Root-mean-square errors of differences between benchmarks and estimates of employment and average relative errors for average weekly hours and average hourly earnings

Size of employment estimate	Root-mean-square error of employment estimates[1]	Relative errors[2] (in percent)	
		Average weekly hours	Average hourly earnings
50,000	2,100	0.9	1.5
100,000	4,400	.7	1.1
200,000	7,100	.5	.9
500,000	15,200	.4	.8
1,000,000	17,100	.3	.5
2,000,000	28,500	.3	.5

[1] Assuming 12-month intervals between benchmark revisions.
[2] Relative errors relate to March 1971 data.

For the two most recent months, estimates of employment, hours, and earnings are preliminary and are so footnoted in the tables. These figures are based on less than the total sample and are revised when all the reports in the sample have been received. Table Q presents root-mean-square errors of the amounts of revisions that may be expected between the preliminary and final levels of employment and preliminary and final month-to-month changes. Revisions of preliminary hours and earnings estimates are normally not greater than 0.1 of an hour for weekly hours and 1 cent for hourly earnings.

STATISTICS FOR STATES AND AREAS

State and area employment, hours, and earnings data are collected and prepared by State agencies in cooperation with BLS.

Table Q. Errors of preliminary employment estimates

Category	Root-mean-square error of—	
	Monthly level	Month-to-month change
INDUSTRY DIVISIONS		
Total nonagricultural employment	83,000	69,000
Mining	5,000	5,000
Construction	19,000	16,000
Manufacturing	29,000	27,000
Durable two-digit industries	3,700	3,500
Nondurable two-digit industries	2,500	2,500
Transportation and public utilities	14,000	14,000
Wholesale and retail trade	30,000	27,000
Finance, insurance, and real estate	8,000	7,000
Services	31,000	26,000
Government	46,000	36,000
DETAILED INDUSTRIES: SIZE OF EMPLOYMENT ESTIMATE		
50,000	300	400
100,000	700	700
200,000	1,100	1,100
500,000	3,900	4,100
1,000,000	3,800	3,900
2,000,000	6,000	6,100

NOTE: Division level data are based on differences from January 1974 through March 1980. Detailed industry data are based on differences from August 1978 through June 1979.

The area statistics relate to metropolitan areas. Definitions for all areas are published each year in the issue of *Employment and Earnings* that contains State and area annual averages (usually the May issue). Changes in definitions are noted as they occur. Additional industry detail may be obtained from the State agencies listed on the inside back cover of each issue. These statistics are based on the same establishment reports used by BLS for preparing national estimates. For employment, the sum of the State figures may differ slightly from the equivalent official U.S. totals on a national basis, because some States have more recent benchmarks than others and because of the effects of differing industrial and geographic stratification.

For the States and the areas shown in the B and C sections of this periodical, all the annual average data for the detailed industry statistics currently published by each cooperating State agency are presented in a summary volume published annually by the BLS.

PRODUCTIVITY DATA

Tables C-9, C-10, and C-11 are compiled by the Bureau of Labor Statistics from establishment data and from estimates of compensation and gross national product supplied by the U.S. Department of Commerce and the Federal Reserve Board.

Definitions

Hours of wage and salary workers in nonagricultural establishments refer to hours paid for all employees—production workers, nonsupervisory workers, and salaried workers.

Output is the constant-dollar market value of final goods and services produced in a given period. Indexes of *output per hour* of labor input, or labor productivity, measure changes in the volume of goods and services produced per unit of labor.

Compensation per hour includes wages and salaries of employees plus employers' contributions for social insurance and private benefit plans. The data also include an estimate of wages, salaries, and supplementary payments for the self-employed, except for nonfinancial corporations, in which there are no self-employed.

Real compensation per hour is compensation per hour adjusted to eliminate the effect of changes in the Consumer Price Index for All Urban Consumers (CPI-U).

Unit labor costs measure the labor compensation cost required to produce one unit of output and are derived by dviding compensation per hour by output per hour. *Unit nonlabor payments* include profits, depreciation, interest, and indirect taxes per unit of output. They are computed by subtracting compensation of all persons from the current-dollar gross national product and dividing by output. In these tables, unit nonlabor costs contain all the components of unit nonlabor payments except unit profits. *Unit profits* include corporate profits and inventory valuation adjustments per unit of output.

The *implicit price deflator* is derived by dividing the current-dollar estimate of gross product by the constant-dollar estimate, making the deflator, in effect, a price index for gross product of the sector reported.

Notes on the data

For the private business sector and the nonfarm business sector, these indexes relate to the gross domestic product less household and institutions, owner-occupied housing, and statistical discrepancy. For the nonfinancial corporate sector, the indexes refer to the gross domestic product of nonfinancial corporate business.

Manufacturing data have been revised to reflect the revisions in the Federal Reserve Board Index of Industrial Production. Output data are supplied by the Bureau of Economic Analysis, U.S. Department of Commerce, and the Federal Reserve Board. Quarterly measures have been adjusted by the Bureau of Labor Statistics to annual estimates of output (gross product originating) from the Bureau of Economic Analysis. Compensation and hours data are from the Bureau of Economic Analysis and the Bureau of Labor Statistics.

State and Area Unemployment Data
(D table)

FEDERAL-STATE COOPERATIVE PROGRAM

Labor force and unemployment estimates for States, labor market areas (LMA's), and other areas covered under Federal assistance programs are developed by State employment security agencies under a Federal-State cooperative program. The local unemployment estimates which are derived from standardized procedures developed by BLS are the basis of determining eligibility of an areas for benefits under Federal programs such as the Comprehensive Employment and Training Act, the Public Works Employment Act, and the Public Workers and Economic Development Act.

ESTIMATING METHODS

Labor force and unemployment in 10 large States: New York, California, Illinois, Ohio, New Jersey, Pennsylvania, Michigan, Texas, Massachusetts, and Florida; and two areas: Los Angeles-Long Beach metropolitan areas and New York City, are sufficiently reliable to be used directly from the CPS. For a description of the CPS concepts see "Household Data," above.

Monthly employment and unemployment estimates in the remaining 40 States and 214 labor market areas are prepared in several stages.

1. *Preliminary estimate—employment:* The total employment estimate is based primarily on data from the survey of establishments which produces an estimate of payroll employment. This place-of-work estimate must be adjusted to refer to place of residences as used in the CPS. Factors for adjusting from place of work to place of residence have been developed for the major categories of employment by class of worker and industry on the basis of employment relationships which existed at the time of the 1970 Decennial Census. These factors are applied to the payroll employment estimates for the current period to obtain adjusted employment estimates.

2. *Preliminary estimate—unemployment:* In the current month, the estimate of unemployment is an aggregate of the estimates for each of three building block categories: (1) Persons who were previously employed in industires covered by State unemployment insurance (UI) laws; (2) those previously employed in industires not covered by these laws; and (3) those who were entering the labor force for the first time or reentering after a period of separation. This is referred to below as the UI-based estimate.

An estimate for those previously employed in covered industries is derived from a count of current employment insurance claimants, plus estimates of claimants whose benefits have been exhausted, those persons disqualified from receiving benefits for nonmonetary reasons (because they quit, were discharged for cause, etc., but would otherwise have been eligible), and persons who either filed claims late or not at all.

The estimate of those previously employed in industries not covered by UI is derived by applying to the employment estimate for each noncovered industry or class of worker subgroup in the State, the ratio of covered unemployment to covered employment weighted by factors reflecting national historical relationships.

For the third category, new entrants and reentrants into the labor force, a composite estimate is developed from equations that relate the total entrants into the labor force to the experienced unemployed and

the experienced labor force. For each month, the estimate of entrants into the labor force is a function of: (a) the month of the year; (b) the level of experienced unemployed; (c) the level of the experienced labor force; and (d) proportion of the working age population that is considered "youth." The composite estimate of total entrants is defined as :

$U = A(X + E) + BX$, where
U = total entrant unemployment
E = total employment
X = total experienced unemployment
A,B = synthetic factors incoporating seasonal variation and an assumed relationship between the proportion of youths in the working population and the historical relationship of entrants to the experienced unemployed (B factor) or the experienced labor force (A factor).

3. *Correction factors for employment and unemployment* are then applied at the State level of the UI-based estimates obtained above for each of the 40 States and the District of Columbia. These correction factors are based on the ratio of the CPS to the UI-based estimates for the 6 month period ending in the current month (e.g. a 6-month moving average).

4. *Substate adjustment for additivity.* Independent estimates of employment and unemployment are prepared both for the State (obtained directly from the CPS in the 10 large States or by the UI-based method in the remaining States), and labor market areas (LMA's) withing the State. The total of the geographic areas in the LMA's exhausts the geographic boundries of the State. A proportional adjustment is applied to all substate LMA estimates to ensure that the substate estimates of employment and unemployment add to the independent State totals. In California and New York, which also have substate areas taken directly from the CPS, the additivity adjustment for the remaining areas is applied to the State total minus the direct CPS area.

5. *Benchmark correction procedures.* Once each year monthly estimates prepared by the State employment security agencies using UI-based estimating procedures are adjusted, or benchmarked, by BLS to the annual average CPS estimates for the 40 States for which monthly CPS estimates are not available. This adjustment is necessary because the State-prepared estimates are not as reliable as the CPS annual averages due to differences in State UI laws, the structual limitations of the UI-based estimating method, and errors in the UI data.

The benchmarked estimates are produced in three stages. First, the monthly UI-based estimates are adjusted by the ratio of the CPS to the UI-based annual averages, Second, the difference between the ratio of annual averages for two consecutive years is wedged into the monthly estimates in order to minimize the distrubance to the original series. Finally, the third-stage estimates are forced into agreement with CPS annual averages. In the 10 States which use CPS estimates monthly, no benchmark correction is required, as the average of the 12 monthly State CPS estimates will equal CPS annual averages.

Seasonal Adjustment

Over the course of a year, the size of the Nation's labor force, the levels of employment and unemployment, and other measures of labor market activity undergo sharp fluctuations due to such seasonal events as changes in weather, reduced or expanded production, harvests, major holidays, and the opening and closing of schools. Because these seasonal events follow a more or less regular pattern each year, their influence on statistical trends can be eliminated by adjusting these statistics from month to month. These adjustments make it easier to observe the cyclical and other nonseasonal movements in the series. In evaluating changes in a seasonally adjusted series, it is important to note that seasonal adjustment is merely an approximation based on past experience. Seasonally adjusted estimates have a broader margin of possible error than the original data on which they are based, since they are subject not only to sampling and other errors but are also affected by the uncertainties of the seasonal adjustment process itself. Seasonally adjusted series for selected labor force and establishment data are published regularly in *Employment and Earnings.*

The seasonal adjustment program used for these series are based on an *adaptation* of the standard ratio-to-moving average method. They provide for "moving" adjustment factors to take account of changing seasonal patterns. A detailed description of the method is given in the publication, *The X-11 Variant of the Census Method II Seasonal Adjustment Program,* Technical Paper No. 15, Bureau of the Census (1967).

Beginning in January 1980, the BLS introduced two major modifications in the seasonal adjustment methodology for data from the household survey. First, the data are being seasonally adjusted with a new procedure called X-11 ARIMA, which was developed at Statistics Canada as an extension of the existing standard X-11 method. A detailed description of the procedure appears in *The X-11 ARIMA Seasonal Adjustment Method,* by Estela Bee Dagum, Statistics Canada Catalouge No. 12-564-E, February 1980. The X-11 procedure was originally developed at the Bureau of the Census and had been used by the BLS to seasonally adjust labor force series since 1973. Tests have shown that use of the X-11 ARIMA procedure, which essentially place more emphasis on recent data, provides better seasonal adjustments than does the X-11 method alone.

The second change is that seasonal factors are now being calculated for use during the first 6 months of the year rather than for the entire year. In July of each year, the BLS will calculate and publish (in *Employment and Earnings)* a new set of seasonal factors for use in the second half, based on the experience through June. Revisions of historical data for the most recent 5 years will continued to be made once a year, at the beginning of each calendar year. However, as a result of the revisions to the estimates for 1970-81 based on 1980 census population counts, revisions to seasonally adjusted series in early 1982 were carried back to 1970.

All civilian labor force and unemployment rate statistics, as well as the major employment and unemployment estimates, are computed by aggregating independently adjusted series. For example, for each of the three major labor force components—agricultural employment, nonagricultural employment, and unemployment—data for four sex-age groups (males and females under and over 20 years of age) are separately adjusted for seasonal variation and are then added to derive seasonally adjusted total figures. In order to provide seasonally adjusted total employment and civilian labor force estimates, the appropriate series are aggregated. The official unemployment rate for all civilian workers is derived by dividing the estimate for total unemployment (the sum of 4 seasonally adjusted sex-age components) by the civilian labor force (the sum of 12 seasonally adjusted sex-age components).

Revised seasonally adjusted data for selected labor force series based on the experience through December 1981, new seasonal adjustment factors to be used to calculate the overall unemployment rate for the first 6 months of 1982, and a description of the current seasonal adjustment methodology are published in the February 1982 issue of *Employment and Earnings.* Revised seasonally adjusted data covering the 1970-81 revision period for a broader range of labor force series also appear in the February 1982 issue of this publication. Many additional series, which are either components or aggregates of the series presented, are available from the BLS upon request.

Beginning in July 1980, the BLS also uses the X-11 ARIMA methodology in seasonally adjusting the establishment data, which previously had been computed using the *BLS Seasonal Factor Method*. All series are seasonally adjusted using the multiplicative models under X-11 ARIMA. Seasonal adjustment factors used in calculating the current estimates are based on data through March of 1981. The ARIMA model options for projecting the data series for 1 year ahead have been used in seasonally adjusting the establishment series, introduced with June 1981 data.

Seasonal adjustment factors are directly applied to the component levels. Seasonally adjusted totals for most of these series are then obtained by taking a weighted average of the seasonally adjusted data for the component series. Seasonally adjusted average weekly earnings are the product of seasonally adjusted average hourly earnings and seasonally adjusted average weekly hours. Average weekly earnings in constant dollars, seasonally adjusted, are obtained by dividing average weekly earnings, seasonally adjusted, by the seasonally adjusted Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W), and multiplying by 100. Indexes of aggregate weekly hours, seasonally adjusted, are obtained by multiplying average weekly hours, seasonally adjusted, by production or nonsupervisory workers, seasonally adjusted, and dividing by the 1977 base. For total private, total goods-producing, total private service-producing, trade manufacturing, and durable and nondurable goods industries, the indexes of aggregate weekly hours, seasonally adjusted, are obtained by summing the aggregate weekly hours, seasonally adjusted, for the appropriate component industries and dividing by the 1977 base.

Seasonally adjusted data are not published for a number of series characterized by small seasonal components relative to their trend-cycle and/or irregular components. Beginning with data for July 1981, these failed or unsatisfactory seasonally adjusted series are used in the aggregation to broader level seasonally adjusted series. In prior months, the unadjusted series were used in the aggregation process.

The seasonally adjusted establishment data for Federal Government are based on a series which excludes the Christmas temporary help employed by the Postal Service in December. The employment of these workers constitutes the only significant seasonal change in Federal Government employment during the winter months. Furthermore, the volume of such employment may change substantially from year to year because of administrative decisions by the Postal Service. Hence, it was considered desirable to exclude this group from the data upon which the seasonally adjusted series is based.

The revised seasonally adjusted series for the establishment data reflect experience through March 1981. Seasonal factors to be used for current adjustment appear in the July 1981 issue of *Employment and Earnings*.

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Employment and Earnings
June 1982

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In this issue:
Annual averages for unemployment in States and areas

Establishment data adjusted to new benchmarks

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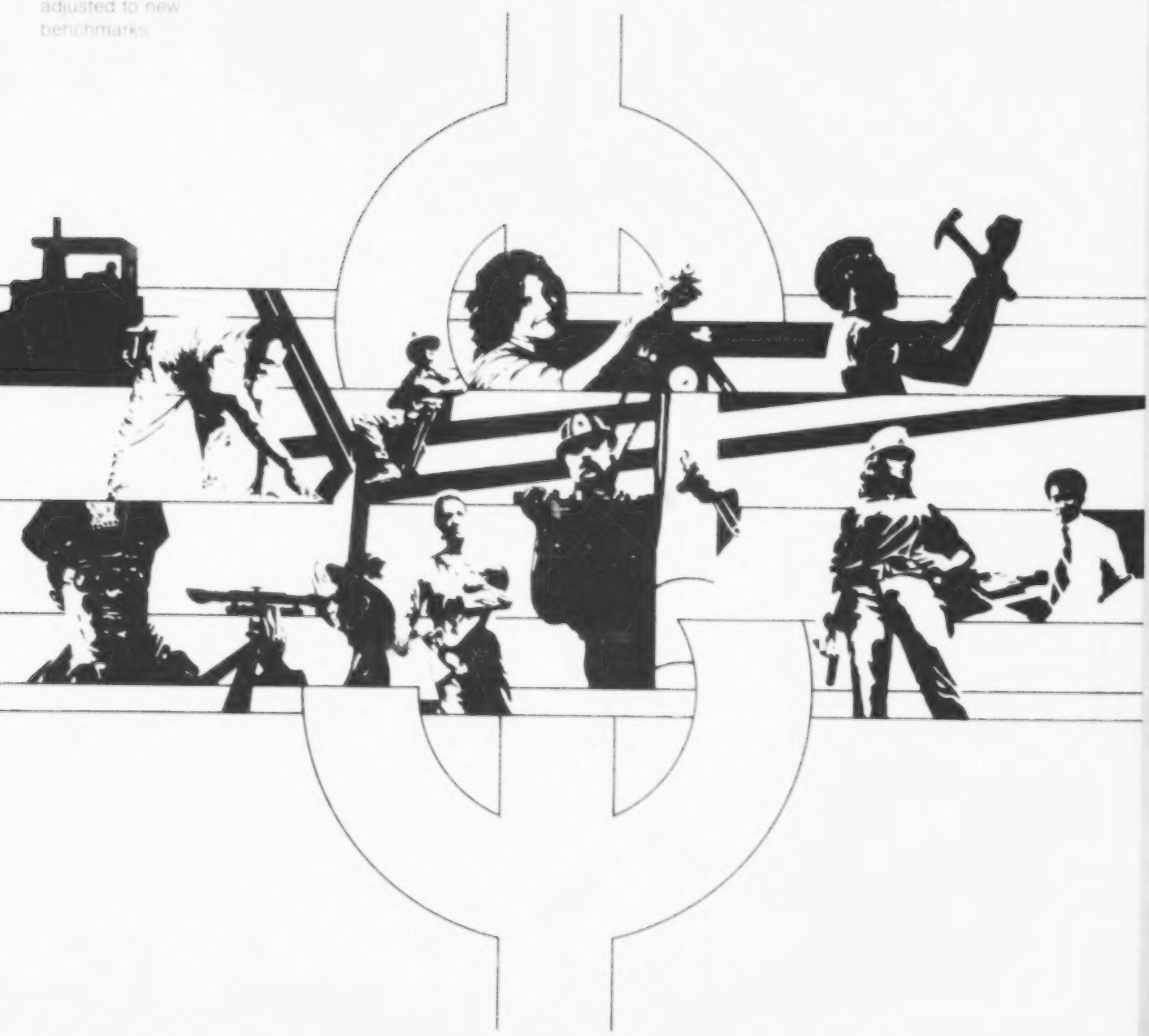

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U.S. DEPARTMENT OF LABOR
Raymond J. Donovan, Secretary

BUREAU OF LABOR STATISTICS
Janet L. Norwood, Commissioner

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Calendar of Features

In addition to the monthly data appearing regularly in *Employment and Earnings*, special features appear in most of the issues as shown below.

Household data

Annual averages	Jan.
Revised seasonally adjusted series	Feb.
Quarterly averages: Seasonally adjusted data, persons not in labor force, persons of Hispanic origin, Vietnam-era veterans and nonveterans, poverty-nonpoverty area data, family relationship data, weekly earnings data	Jan., Apr., July, Oct.

Establishment data

National annual averages:	
Industry divisions (preliminary)	Jan.
Industry detail (final)	Mar.
Women employment detail (final)	Mar.
National data adjusted to new benchmarks	June
Revised historical national data adjusted to new benchmarks	Supplement[1]
Revised seasonally adjusted series	June
State and area annual averages	May
Area definitions	May

State and area unemployment data

Annual averages	June

The issue that introduces new benchmark varies. The June 1982 issue introduced March 1981 benchmarks.

Month of publication of annual supplement varies. The latest supplement was published in June 1982.

Issue varies. Latest revised data introduced June 1982.

Employment and Earnings

Vol. 29 No. 6 June 1982

Editors: Gloria P. Green, Gloria P. Goings, Rosalie K. Epstein

Editors' note

This issue presents revised establishment-based data (national series) which reflect employment benchmarks (comprehensive counts of employment) for March 1981. In addition, seasonally adjusted establishment data have been revised back 5 years, which is the usual practice, as a result of the recalculation of seasonal factors based on experience through March 1982.

The revised data appear in tables B-1 through B-7 and C-1 through C-9. For a discussion of the effects of the revisions, see the article on page 7. This article also gives the new seasonal factors to be used to adjust establishment data for April 1982 through March 1983. Revised historical data for detailed industry categories will be published in a June 1982 supplement to *Employment and Earnings*.

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Employment and Unemployment Developments, May 1982

Unemployment was little changed in May, and employment indicators provided mixed signals. The Nation's unemployment rate was 9.5 percent, about the same as the 9.4 percent in April and up from 9.0 percent in March.

The series on nonfarm payroll employment—derived from the monthly survey of establishments—held steady in May at 90.0 million. (Establishment data have been revised to reflect the March 1981 benchmarks and updated seasonal factors.) In contrast, the series on total employment—as derived from the monthly survey of households—increased by 780,000, after seasonal adjustment, to 100.1 million. Between July 1981 and April 1982, both surveys had registered employment declines in the neighborhood of one and a half million.

Unemployment

The number of unemployed persons rose in May to 10.5 million, seasonally adjusted. Since July 1981, the jobless total has risen by 2.7 million persons. The overall unemployment rate, 9.5 percent, was about unchanged from the previous month's 9.4 percent. The jobless rate for adult men increased by two-tenths of a point to 8.4 percent, while the rate for adult women was unchanged at 8.3 percent. Teenage unemployment was about unchanged at 23.1 percent. While the overall rates for white and black workers remained near their month-earlier levels, at 8.5 and 18.7 percent, respectively, the rate for persons of Hispanic origin was up 1.4 points to 13.9 percent. Unemployment rates for most other worker groups showed little or no change over the month. (See tables A-33, A-35, and A-36.)

The number of persons unemployed 15 weeks or longer was up by 270,000 in May, with increases split between those unemployed 15 to 26 weeks and 27 weeks and longer. Both the mean and median duration of unemployment rose, to 14.6 weeks and 9.0 weeks, respectively. Persons unemployed 15 weeks or more accounted for nearly a third of the jobless total, up substantially from the beginning of the year. (See table A-37.)

Total employment and the labor force

Total employment rose by 780,000 in May to 100.1 million, and, as a result, the proportion of the population with jobs—the employment-population ratio—rose four-tenths of a point. About one-third of the seasonally adjusted employment increase occurred among persons 16 to 24 years of age.

The civilian labor force rose sharply in May—by 1 million—to 110.7 million, after seasonal adjustment. Substantial gains were posted by teenagers (200,000) and by both adult men and women (430,000 and 380,000, respectively). The labor force typically shows some growth in May and even more in June, as students enter the summer job market and as activity picks up in certain seasonally-sensitive industries such as agriculture and construction. However, more of this seasonal labor force increase is now taking place in May. The seasonal adjustment process has not, as yet, captured this shift in seasonality and therefore may be exaggerating the size of the May increase in the labor force.

Industry payroll employment

Total nonagricultural payroll employment rose in line with usual seasonal experiences in May and, after adjustment for seasonality, was about unchanged over the month at 90.0 million. This month's relative stability followed job declines of 465,000 between February and April. Nonfarm jobs were down by 1.4 million from last July's pre-recession peak. (See table B-4.)

In the goods-producing sector, cutbacks in mining accelerated in May, bringing that industry's total employment loss to 50,000 since last December. In contrast, construction employment was little changed after heavy losses over the past year. Among the durable goods manufacturing industries, an increase in the number of jobs in the transportation equipment industry partially offset continuing job curtailment in primary metals and machinery. Among nondurables, textile industry employment resumed its long-term decline following a small April pickup.

Employment in the service-producing sector was unchanged in May and has shown only limited growth since the onset of the recession. A gain of 40,000 jobs in retail trade was countered somewhat by a continued decline in transportation and public utilities employment.

Hours of work

The average workweek of production or nonsupervisory workers on private nonagricultural payrolls was 35.0 hours in May, up 0.1 hour over the month. The manufacturing workweek also edged up a tenth of an hour to 39.1 hours, while factory overtime was unchanged at 2.4 hours. (See table C-6.)

The index of aggregate weekly hours of production or nonsupervisory workers on private nonfarm payrolls rose 0.5 percent in May to 105.5 (1977 = 100). The manufacturing index edged up 0.1 percent to 89.3 but was 10.4 percent below last July's level. (See table C-7.)

Hourly and weekly earnings

Average hourly earnings rose 0.7 percent and weekly earnings rose 0.9 percent in May, seasonally adjusted. Before adjustment for seasonality, average hourly earnings were up 4 cents to $7.61, 44 cents above the year-earlier level. Average weekly earnings, at $265.59, increased $3.67 over the month and $13.21 over the year. (See tables C-1 and C-8.)

The Hourly Earnings Index

The Hourly Earnings Index (HEI) was 147.4 (1977 = 100) in May, seasonally adjusted, 0.8 percent higher than in April. For the 12 months ended in May, the increase (before seasonal adjustment) was 7.1 percent. The HEI excludes the effects of two types of changes unrelated to underlying wage rate movements—fluctuations in overtime in manufacturing and interindustry employment shifts. In dollars of constant purchasing power, the HEI increased 0.7 percent during the 12-month period ended in April. (See table C-8.)

BLS Establishment Estimates Revised to March 1981 Benchmarks

*John B. Farrell

With the release of data for May 1982, the Bureau of Labor Statistics introduced revised estimates of employment, hours, and earnings from the monthly survey of establishments. This revision reflects March 1981 benchmarks—the most recent complete employment counts.

As is the usual practice with the introduction of benchmarked data, the Bureau also introduced new seasonal factors and revised the seasonally adjusted series.

Benchmark adjustment procedure

Employment estimates, which are based on information provided by a sample of establishments, are revised annually. This revision incorporates the most up-to-date employment information derived from unemployment insurance (UI) reports filed by employers with their State employment security agencies. The revision affects employment series from April 1980 (the month following the previous benchmark) forward to the current month's estimate. Estimates of hours and earnings, which are weighted by employment estimates, are also subject to revision as a result of the changes in employment levels.

The benchmark procedure serves as a quality control process by providing both a more accurate measure of employment levels and a more accurate perspective on trends. Normally, new benchmarks are determined for March of each year for the most detailed industrial classification levels at which estimates are made. The difference between the benchmark employment level for March and the corresponding survey estimate for March (projected from the benchmark for the previous March) is assumed to have accumulated at a constant rate over the previous 12 months. Most series, therefore, are adjusted by applying a ratio to the estimates to "wedge out" the difference over the 12-month period from the new benchmark to the preceding one. The benchmark level (in this case for March 1981) is then projected forward to the current month based on the trend shown in monthly reports submitted by the sample of employers. The estimates adjusted to the new levels are then aggregated through successively larger groupings to total nonagricultural employment.

Effect of the current benchmark adjustment

The March 1981 benchmark for total nonagricultural employment—90.4 million—was 349,000 below the corresponding sample-based estimate, a difference of 0.4 percent (table 1). In 1980, the difference was 0.1 percent. The 1981 sample-based estimate was affected by bias adjustment factors which overstated the number of business births during the year. An explanation of bias adjustment factors appears in the next section. Table 2 indicates the magnitude of the differences arising from the current and previous benchmark revisions, by year and industry division.

BLS monthly estimates of employment, hours, and earnings are published in considerable industry detail. Based upon the Standard Industrial Classification (SIC) system, estimates are prepared at the industry level (four-digit SIC) for manufacturing and at the industry group level (three-digit SIC) for most nonmanufacturing industries. Within the three-digit industry groups (manufacturing and nonmanufacturing) for which employment estimates are published, 25 of the 255 groups were revised by 5 percent or more. The largest industries in terms of employment tended to have the smallest percentage revisions (table 3).

The March 1981 estimates and benchmark levels for the major industry groups (two-digit SIC) in manufacturing appear in table 4. Fourteen of the 20 major groups in manufacturing were revised downward. Twelve were revised by more than 1 percent. Only one, transportation equipment, was revised by more than 3 percent. Revisions were somewhat larger for the basic three- and four-digit manufacturing industries. Over one-half of these differed by less than 3 percent, but almost one-fourth differed by 5 percent or more.

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Table 1. Differences between nonagricultural employment estimates and benchmarks by industry division, March 1981

(Numbers in thousands)

Industry division	Estimate	Benchmark	Difference	
			Amount	Percent
Total	90,720	90,371	−349	−0.4
Total private	74,227	73,903	−324	−.4
Mining	1,084	1,107	23	2.1
Construction	4,048	3,934	−114	−2.9
Manufacturing	20,160	20,085	−75	−.4
Transportation and public utilities	5,095	5,102	7	.1
Trade	20,290	20,096	−194	−1.0
Wholesale	5,293	5,308	15	.3
Retail	14,997	14,788	−209	−1.4
Finance, insurance, and real estate	5,263	5,239	−24	−.5
Services	18,287	18,340	53	.3
Government	16,493	16,468	−25	−.2
Federal	2,769	2,769	0	0
State and local	13,724	13,699	−25	−.2

Why estimates differ from benchmarks

There are four basic sources of differences between benchmarks and estimates: (1) Errors in trend caused by nonrepresentative samples; (2) errors in adjustment for the entry of new firms; (3) improvements in the quality of the benchmark data; and (4) changes in industry classification of individual establishments. The last reason affects individual industry estimates, but not the total.

Table 2. Percent differences between nonagricultural employment estimates and benchmarks by industry division, selected years, 1973-81

Industry division	March						
	1973[1]	1974	1977[2]	1978	1979	1980	1981
Total	1.6	0.1	0.1	0.7	0.5	−0.1	−0.4
Mining	3.5	3.0	2.7	1.9	.2	−.6	2.1
Construction	9.6	−.6	.6	1.6	−3.2	−1.5	−2.9
Manufacturing	1.1	.1	−.4	.6	.4	−.3	−.4
Transportation and public utilities	.7	([3])	−1.8	.9	−.3	−.3	.1
Trade	2.2	−.1	−.5	.4	.6	−.8	−1.0
Finance, insurance and real estate	.5	1.1	.0	1.0	.1	.1	−.5
Services	.9	.7	.6	1.2	.5	.9	.3
Government	.5	−.5	.8	([4])	1.9	.5	−.2

[1] 1973 was a 2-year revision.
[2] Differences for the industry divisions are between estimates based on the 1967 SIC and benchmark based on the 1972 SIC
[3] Less than 0.05 percent.
[4] Estimates of State and local government were not revised.

A primary reason for differences between estimates and benchmarks lies in the limitation of any sample in representing a universe; that is, a certain amount of error is to be expected from sample-derived estimates. A complete monthly count of employment would reflect all changes in the level from month to month, but complete coverage involving 4-5 million employer reports each month would be prohibitively expensive and time consuming. Therefore, monthly employment estimates are derived from a sample of approximately 177,000 establishments. This sample provides estimates at a moderate cost within a month following the survey week. Over 11,000 establishments were added to the sample since the 1980 benchmark. Even so, the 1981

Table 3. Distribution of published 3-digit SIC industries by size of industry and percent difference between employment estimates and benchmarks, March 1981

Percent difference	Total number of industries	Size of industry (number of employees)			
		Under 50,000	50,000 to 99,999	100,000 to 199,999	200,000 and over
Total	255	39	38	63	115
0-0.9	74	9	6	22	37
1.0-2.9	103	10	18	19	56
3.0-4.9	53	13	9	16	15
5.0 and over	25	7	5	6	7

Table 4. Differences between manufacturing employment estimates and benchmarks, March 1981

(Numbers in thousands)

Industry group	Estimate	Benchmark	Difference	
			Amount	Percent
Manufacturing	20,160	20,085	−75	−0.4
Durable goods	12,120	12,105	−15	−.1
Lumber and wood products	678.3	666.7	−11.6	−1.7
Furniture and fixtures	472.1	462.7	−9.4	−2.0
Stone, clay, and glass products	639.5	627.8	−11.7	−1.9
Primary metal industries	1,141.3	1,134.1	−7.2	−.6
Fabricated metal products	1,585.4	1,596.3	10.9	.7
Machinery, except electrical	2,504.3	2,495.6	−8.7	−.3
Electric and electronic equipment	2,119.5	2,079.4	−40.1	−1.9
Transportation equipment	1,860.4	1,919.1	58.7	3.1
Instruments and related products	712.1	721.1	9.0	1.2
Miscellaneous manufacturing	406.7	402.2	−4.5	−1.1
Nondurable goods	8,040	7,980	−60	−.8
Food and kindred products	1,632.5	1,623.4	−9.1	−.6
Tobacco manufactures	68.3	67.2	−1.1	−1.6
Textile mill products	840.9	824.9	−16.0	−1.9
Apparel and other textile products	1,250.2	1,242.6	−7.6	−.6
Paper and allied products	688.6	684.8	−3.8	−.6
Printing and publishing	1,278.2	1,258.3	−19.9	−1.6
Chemicals and allied products	1,106.8	1,106.9	.1	([1])
Petroleum and coal products	207.0	211.3	4.3	2.0
Rubber and miscellaneous plastics products	737.2	729.0	−8.2	−1.1
Leather and leather products	230.4	231.3	.9	.4

[1] Less than 0.05 percent.

sample covers only 40 percent of the universe. (In 1980 the sample covered 39 percent of the universe. This is the first time since 1968 that the sample has shown an increase in percent of employment covered.) Annual benchmark revisions, which are an integral part of the survey program, remove the effect of errors associated with sample coverage from the all-employee estimates.

A second source of differences lies in the limitation of the sample in adjusting for the entry of new firms. Establishment-based surveys are slow to capture business births. To compensate for this weakness in the survey method, the Bureau calculates bias adjustment factors. Application of bias adjustment factors to employment estimates has the effect of raising the estimates to include business births. These factors are based on the benchmark differences of the previous 3 years; therefore, they do not "predict" turns in the economy. As the economic cycle changes from upturn to downturn, these bias adjustment factors will tend to overstate the number of business births. On the other hand, the sample does reflect business deaths—businesses that discontinue operations.

Bias adjustment factors, which vary by industry, are recalculated each year as part of the benchmarking process. Current year bias adjustment factors for all industries except construction are based on trends between 1978 and 1981. Using the new factors, the March 1981 to March 1982 decrease in total nonagricultural employment was 692,000. This compares with a decrease of 528,000 using the old factors.

A third cause of differences arises from improvements in the quality of the benchmark source data. Improvements in the source data are capable of introducing substantial changes in the levels of certain sectors. For example, with the introduction of the March 1979 benchmark, estimates for State and local government employment were benchmarked for the first time using data derived from UI records. This was made possible through the expansion of UI coverage to most employees of State and local governments in January 1978. The use of the new source of data resulted in a large revision in the employment estimates for this division.

A fourth source of differences between estimates and

benchmarks is the procedure used to keep the industrial classification of establishments up to date. An establishment may engage in more than one activity. If its output of products or services changes so that what was once a secondary product or activity becomes a primary one, the establishment is reclassified to the industry of its new major activity. These changes, introduced into the employment estimates at the time of the benchmark adjustment, are based on product and activity reports provided by State employment security agencies. Differences between estimates and benchmarks for a particular industry occur when the current estimates do not reflect intervening classification changes for individual establishments.[1] At the more detailed industry levels, particularly within manufacturing, changes in classification are the major cause of benchmark adjustments.

Benchmark source material

State unemployment insurance (UI) records are the primary source of benchmark data. With the expansion in coverage in January 1978, UI programs now cover approximately 98 percent of employees in the total nonagricultural sector and 97 percent of those in the private nonagricultural sector.

For the few remaining industries exempt from mandatory UI coverage, BLS uses other sources. Data on employees covered under Social Security laws, published by the Bureau of the Census in *County Business Patterns*, are used to augment UI data for nonoffice insurance sales workers. Data for interstate railroads are obtained from the Interstate Commerce Commission; benchmarks for private elementary and secondary schools are derived from data obtained from the U.S. Office of Education and the National Catholic Welfare Association. Employment figures for religious organizations are obtained from data provided by the National Council of Churches and surveys of churches conducted by several State agencies.

Employment counts for the Federal Government are derived from official summaries prepared by the Office of Personnel Management (OPM). These summaries are complete counts of Federal workers and are not subject to benchmark revisions.[2] The official OPM summaries do not provide detail on Federal employment by industry, such as hospitals, on a current monthly basis. These are projected by BLS from a sample of Federal establishments.

The Bureau's reporting sample is also an important source of benchmark information. Since sample reports are current and are reviewed monthly, reporting errors that are detected and corrected in the sample reports can also be corrected in the corresponding benchmark reports. The industry classification of each sample establishment is reviewed on the basis of information supplied by the employer. Changes in industry classification on sample reports often precede such changes in other sources of information. Insofar as sample reports are known to differ from the corresponding employer's reports included in other benchmark source material, the data from the other sources are modified accordingly.

Relation of employment benchmarks to other series

Complete counts for the series on women, production or nonsupervisory workers, hours, and earnings are not available. Women and production worker series are revised by applying estimated ratios of women and production workers to the revised all-employee figures. For primary estimating cells (region or size strata within the most detailed industry classifications), average weekly hours and average hourly earnings are estimated directly from reported figures and are not revised. However, broader industry groupings of hours and earnings series require a weighting mechanism to yield meaningful averages. The production worker employment estimates for the primary cells are used as weights for the hours and earnings estimates of the broader industry groupings. Adjustments of the all-employee estimates to new benchmarks may alter the weights, which in turn, may change the estimates for hours and earnings.

For employment estimates—women and production or nonsupervisory workers—the revisions at the estimating cell level are added to become the summary level revisions. To influence the hours and earnings estimates of a broader group, employment changes have to be relatively large and must affect industries which have substantially higher or lower averages than the other industries in their group. Generally, new benchmarks have little impact on hours and earnings estimates for major groupings. The changes in the hours and earnings estimates for broad industry categories are shown in table 5.

Revision of seasonally adjusted data

Each year, seasonally adjusted employment and earnings data are updated and released simultaneously with the revised benchmarked data. This update incorporates the most recent year of data into the computation of seasonal adjustment factors. In July 1980, the Bureau introduced an improved seasonal adjustment methodology—the X-11 ARIMA (Auto-regressive Integrated Moving Average) program. This is the second year in which the ARIMA model (used for projecting the

[1] The changes are wedged or tapered into the estimates over the year in which the change in primary activity took place.

[2] Employees of the Central Intelligence Agency, the National Security Agency, and employees of the Department of Defense paid from nonappropriated funds are not included in the OPM summaries or these series.

Table 5. Hours and earnings estimates based on previous (March 1980) benchmarks and revised (March 1981) benchmarks, by selected industry group

Industry division and group	Average weekly hours			Average hourly earnings		
	Previous estimate	Revised estimate	Difference	Previous estimate	Revised estimate	Difference
Total private	35.2	35.2	0	$ 7.10	$ 7.10	0
Mining	42.3	42.4	0.1	9.85	9.84	−.01
Construction	37.2	37.3	.1	10.44	10.48	.04
Manufacturing	39.9	39.9	0	7.80	7.81	.01
Durable goods	40.5	40.5	0	8.32	8.33	.01
Lumber and wood products	39.0	39.0	0	6.79	6.77	−.02
Furniture and fixtures	38.8	38.8	0	5.76	5.77	.01
Stone, clay, and glass products	40.6	40.6	0	7.94	7.94	0
Primary metal industries	41.1	41.1	0	10.52	10.52	0
Fabricated metal products	40.6	40.6	0	8.01	8.01	0
Machinery, except electrical	41.2	41.2	0	8.62	8.61	−.01
Electric and electronic equipment	40.2	40.2	0	7.47	7.44	−.03
Transportation equipment	41.1	41.1	0	10.08	10.15	.07
Instruments and related products	40.6	40.6	0	7.23	7.22	−.01
Miscellaneous manufacturing	38.9	38.9	0	5.85	5.84	−.01
Nondurable goods	39.1	39.1	0	7.01	7.00	−.01
Food and kindred products	39.2	39.1	−.1	7.29	7.27	−.02
Tobacco manufactures	37.2	37.3	.1	8.61	8.64	.03
Textile mill products	40.1	40.0	−.1	5.36	5.35	−.01
Apparel and other textile products	35.8	35.8	0	4.94	4.92	−.02
Paper and allied products	42.4	42.4	0	8.30	8.30	0
Printing and publishing	37.1	37.1	0	8.02	8.00	−.02
Chemicals and allied products	41.6	41.6	0	8.84	8.85	.01
Petroleum and coal products	42.6	42.6	0	11.23	11.24	.01
Rubber and miscellaneous plastics products	40.7	40.6	−.1	7.07	6.99	−.08
Leather and leather products	36.8	36.8	0	4.90	4.91	.01
Transportation and public utilities	39.4	39.4	0	9.42	9.40	−.02
Trade	31.9	31.9	0	5.85	5.85	0
Finance, insurance, and real estate	36.4	36.4	0	6.19	6.20	.01
Services	32.6	32.6	0	6.29	6.29	0

unadjusted data for one year) has been used prior to seasonally adjusting the establishment-based series.

ARIMA projections are not used in a small number of series[1] where the projections do not meet test requirements. This year, further research has provided improved ARIMA models for several series that failed the original ARIMA tests. This has reduced to four the number of series for which no ARIMA projections are identified.

Some series require special attention before they can be seasonally adjusted. Since major strikes tend to distort normal seasonal patterns, their effects are eliminated from employment series in the industries where strikes have occurred. The Federal Government series have been adjusted to remove the effect of the temporary hiring of postal workers during the Christmas season, and of census takers during the 1980 census.

This year, special seasonal adjustment procedures have been dropped for two series. Since the Easter holiday no longer has a significant effect on retail trade employment, the special factors used in the past to account for the shifting date of Easter are no longer necessary. The scheduling of model changeover in the automobile industry is no longer confined to the summer months; therefore, the special adjustment procedure for the transportation equipment industry has also been dropped.

[1] The series are identified in tables 8 through 13.

The updating of seasonal adjustment by the addition of another year of data, plus the accumulated effect of reducing the bias adjustment factors, results in the shifting of the 1981 pre-recession employment peak from September to July. The lower level of employment introduced by the March 1981 benchmark reduces the 1981 employment peak substantially (from 92.0 million in September to 91.4 million in July). This in turn reduces the 1980 trough-to-peak growth from 2.1 to 1.7 million. (See also table 6).

In the hours series, the severe drop for January 1982 caused the seasonal adjustment process to include a greater share of the decline as a seasonal component. Thus, we get a small distortion in the hours series for the previous January that was not present before. Subsequent seasonal adjustments may again smooth the series.

Publication of revised historical data

Revised historical data for detailed industry categories of employment, hours, and earnings will be presented in a supplement to *Employment and Earnings* to be issued this month. Revised seasonally adjusted data will be shown for January 1977 through February 1982; revised unadjusted data will be shown from April 1980 through February 1982[4]. Data for earlier time periods can be found in *Employment and Earnings, United States, 1909-78* (BLS Bulletin 1312-11), issued in 1979.[5]

The labor turnover and spendable earnings series will not be published in the supplement. Those series were discontinued with December 1981 data and 1981 annual averages. For more details, see the March 1982 issue of *Employment and Earnings*.

Monthly employment estimates are published for most of the significant industries in the nonagricultural sector. Those industries for which monthly data are not published either are too small or are not represented by a sufficient sample. However, the March benchmark figures for a number of such industries are published in table 7.

Seasonal adjustment factors are recalculated annually, and updated factors are published in conjunction with the benchmark revisions. The seasonal factors that will be used for the period April 1982 through March 1983 for all establishment-based series are shown in tables 8 through 14.

Seasonally adjusted data are not published for a small number of series characterized by small seasonal components relative to their trend-cycle and/or irregular components. These series, which are identified in tables 8 through 13, are used in aggregating to broader seasonally adjusted levels.

Table 6. Seasonally adjusted over-the-month changes in total nonagricultural employment

(In thousands)

Month	As previously published	As revised
1981: January	142	184
February	167	4
March	89	101
April	111	85
May	106	32
June	51	155
July	265	119
August	21	−74
September	132	41
October	−201	−139
November	−301	−228
December	−409	−354
1982: January	−234	−182
February	140	−1
March	−259	−148

[4] As a convenience to users, seasonally adjusted data for 1974 through 1976, and unadjusted data for January 1977 through March 1980 will also be displayed. The June 1982 supplement will thus supplant all data in the August 1981 supplement, except as noted in footnote 5.

[5] Historical data for the indexes of aggregate weekly hours, aggregate weekly payrolls, and for unadjusted constant-dollar earnings can be found in the August 1981 supplement. Historical data for seasonally adjusted constant-dollar earnings can be found in the March 1982 issue of *Employment and Earnings*.

Table 7. Employment benchmarks for industries not published monthly

(In thousands)

Industry	1972 SIC Code	March 1974[1]	March 1975	March 1976	March 1977	March 1978	March 1979	March 1980	March 1981
Total	-	77,362	75,686	78,092	80,493	84,607	89,654	90,253	90,371
Total private	-	63,089	60,789	62,967	65,294	68,729	72,552	73,720	73,903
Goods-producing	-	24,570	21,951	22,728	23,488	24,556	25,993	25,799	25,126
Mining	10-14	665	730	761	805	699	928	990	1,107
Lead and zinc ores	103	7.4	8.1	8.0	7.8	7.3	6.2	6.9	7.2
Other metal ores	104-6,8,9	18.9	21.7	23.9	27.3	31.4	35.4	36.5	39.6
Anthracite mining	11	3.7	3.6	3.6	3.3	3.1	3.1	3.3	3.5
Crude petroleum and natural gas	131	135.6	146.4	154.1	159.3	173.5	185.3	205.7	242.7
Natural gas liquids	132	3.8	4.1	4.0	4.2	4.2	4.7	5.5	6.8
Nonmetallic minerals, exc. fuels,nec	141,5,8,9	18.6	18.5	18.1	18.1	19.0	18.9	20.3	20.3
Construction	15-17	3,878	3,235	3,276	3,430	3,733	4,093	4,087	3,934
Concrete work	177	111.8	72.3	80.1	87.3	96.4	105.3	100.2	98.2
Water well drilling	178	16.0	15.4	16.2	19.0	19.7	19.5	18.7	19.1
Misc. special trade contractors	179	315.3	277.8	275.2	287.4	307.5	342.4	351.1	359.4
Manufacturing	20-39	20,027	18,000	18,691	19,253	20,122	20,972	20,722	20,085
Durable goods	24,25,32-39	11,876	10,634	10,861	11,322	11,992	12,745	12,609	12,105
Special product sawmills, nec	2429	7.3	6.0	6.3	6.8	7.0	6.6	6.0	4.8
Structural wood members, nec	2439	11.3	8.3	9.7	12.1	15.1	17.0	15.9	15.0
Nailed and lock corner wood boxes and shook	2441	12.8	9.7	10.2	10.0	9.0	8.9	8.0	6.9
Wood pallets and skids	2448	22.1	16.8	18.9	20.7	22.6	27.8	26.6	24.6
Wood containers, nec	2449	13.8	10.9	11.1	10.7	10.9	10.8	10.3	10.3
Prefabricated wood buildings and components	2452	22.7	17.6	19.6	21.3	25.1	25.0	20.4	18.9
Wood preserving	2491	13.3	12.9	11.8	12.5	13.0	13.5	13.8	13.2
Particleboard and wood products,nec	2492,9	70.2	55.8	62.7	64.6	69.1	71.2	70.5	68.1
Wood TV, radio, phonograph, and household furniture	2517,9	19.1	14.2	14.0	14.8	16.8	15.9	14.0	13.8
Wood office furniture	2521	13.5	11.3	11.7	14.0	16.2	17.1	18.8	21.7
Metal office furniture	2522	32.5	27.3	25.1	26.7	29.7	32.2	32.1	31.2
Wood partitions and fixtures	2541	31.5	25.9	28.0	29.8	32.1	33.3	33.3	31.4
Metal partitions and fixtures	2542	27.2	24.1	24.1	26.5	28.2	30.1	31.5	27.8
Drapery hardware & blinds & shades	2591	15.3	12.2	13.1	14.2	16.0	16.5	16.6	16.5
Furniture and fixtures, nec	2599	10.3	9.9	9.3	10.2	11.1	11.8	11.2	12.3
Brick and structural clay tile	3251	25.6	18.0	20.0	20.1	21.6	22.0	20.1	16.4
Clay refractories	3255	13.8	13.4	11.7	13.0	12.9	14.1	14.1	11.3
Other structural clay products	3253,9	18.8	14.8	14.4	14.3	14.8	15.8	14.5	12.9
Vitreous plumbing fixtures	3261	11.5	8.6	9.8	10.2	11.3	11.2	12.7	9.9
Vitreous china and earthenware food utensils	3262,3	9.8	9.7	9.8	8.9	9.5	9.4	10.5	9.7
Porcelain electrical supplies	3264	12.6	11.3	10.2	10.7	10.8	10.7	13.0	11.4
Pottery products, nec	3269	13.5	13.3	14.8	14.9	14.6	15.3	13.0	12.3
Lime and gypsum products	3274,5	22.1	19.8	19.8	19.7	21.0	21.7	21.6	19.6
Cut stone and stone products	328	13.4	12.3	11.9	12.1	11.9	12.1	11.7	11.0
Gaskets, packing and sealing devices	3293	30.0	22.7	24.6	25.9	27.9	29.3	27.9	27.4
Minerals, ground or treated	3295	15.0	14.6	13.9	14.8	14.7	16.3	16.2	15.6
Nonclay refractories and nonmetallic mineral products, nec	3297,9	17.6	15.8	16.3	15.4	17.5	18.3	18.3	17.7
Electrometallurgical products	3313	15.9	15.7	13.5	14.8	14.1	14.7	14.6	13.1
Steel wire and related products	3315	22.8	20.3	20.7	20.8	23.1	25.9	22.7	22.5
Cold finishing of steel shapes	3316	19.4	17.0	16.5	17.8	19.8	20.5	19.0	17.2
Steel investment foundries	3324	9.7	8.3	8.5	9.7	11.9	11.6	12.3	14.0
Primary copper	3331	17.2	17.4	15.3	15.7	15.7	15.5	15.6	14.1
Primary lead and zinc	3332,3	9.5	9.8	9.4	9.2	9.4	9.6	8.1	7.9
Primary nonferrous metals, nec	3339	10.2	10.5	10.8	10.0	10.1	10.3	11.8	11.7
Secondary nonferrous metals	334	20.4	18.9	19.3	20.6	21.6	24.4	25.4	24.0
Aluminum extruded products	3354	32.4	24.2	25.5	30.3	33.9	33.3	33.6	31.5
Aluminum and nonferrous rolling and drawing, nec	3355,6	25.6	22.3	21.5	22.9	23.6	24.8	26.0	23.8
Brass, bronze, and copper foundries	3362	20.7	18.6	17.9	18.7	19.2	20.4	20.6	18.1
Nonferrous foundries, nec	3369	19.1	15.1	18.2	20.3	20.3	22.0	21.1	19.4
Misc. primary metal products	339	20.6	18.6	18.8	20.9	23.0	25.1	26.8	25.6
Metal heat treating	3398	10.8	10.5	10.4	11.3	12.9	13.7	14.2	13.7
Primary metal products, nec	3399	9.8	8.1	8.4	9.6	10.1	11.4	12.6	13.7
Metal barrels, drums, and pails	3412	13.2	11.8	12.5	13.1	13.3	13.9	13.2	13.3
Cutlery	3421	15.2	14.7	14.9	15.3	16.0	15.9	16.3	15.7
Metal sanitary ware	3431	12.8	8.8	9.9	10.5	11.2	11.5	10.8	10.9
Prefabricated metal buildings	3448	24.4	17.7	19.8	20.1	25.4	27.6	28.8	28.3

See footnote at end of table.

Table 7. Employment benchmarks for industries not published monthly—Continued

(In thousands)

Industry	1972 SIC Code	March 1974	March 1975	March 1976	March 1977	March 1978	March 1979	March 1980	March 1981
Misc. metal work	3449	12.2	10.4	8.9	8.6	10.3	10.7	10.2	9.1
Nonferrous forgings and crowns and closures	3463,6	10.3	10.3	10.0	11.3	10.9	11.2	13.0	12.9
Steel springs, except wire	3493	8.2	7.0	8.2	8.5	8.4	9.0	7.6	6.1
Wire springs	3495	16.4	12.8	13.4	15.0	16.1	16.6	15.4	14.9
Fabricated pipe and fittings	3498	23.4	24.1	24.7	24.4	26.0	27.1	27.2	27.9
Metal foil and leaf, and fabricated pipe fittings	3497,9	49.1	40.8	44.3	46.9	49.0	49.6	49.7	44.9
Lawn and garden equipment	3524	19.7	18.8	18.0	18.8	20.7	23.9	25.7	22.7
Elevators and moving stairways	3534	16.3	14.1	11.7	11.4	11.9	12.8	13.4	12.8
Hoists, cranes, and monorails	3536	19.6	19.7	19.3	20.0	20.9	19.7	23.3	16.7
Rolling mill machinery	3547	13.5	14.3	12.8	10.4	10.2	11.5	11.4	9.2
Metalworking machinery, nec	3549	13.7	11.9	11.5	12.4	13.1	14.4	14.9	13.7
Woodworking machinery	3553	13.4	11.3	10.7	11.2	12.4	13.3	14.3	12.0
Paper industries machinery	3554	18.4	19.0	17.9	18.2	18.0	19.3	18.9	20.0
Special industry machinery, nec	3559	58.2	56.2	52.5	54.1	57.0	60.8	63.8	59.8
Industrial patterns	3565	10.7	9.6	9.4	10.0	10.4	10.7	10.4	10.0
Industrial furnaces and ovens	3567	20.5	18.4	17.5	18.0	18.5	19.9	21.6	20.5
General industrial machinery, nec	3569	45.2	43.8	42.9	41.9	44.2	48.2	48.3	49.6
Office machines, scales and balances, exc. laboratory	3576,9	35.0	31.8	30.7	33.1	35.2	41.3	42.3	36.6
Automatic merchandising machines	3581	12.8	7.1	7.8	7.7	9.8	10.5	10.4	10.9
Commercial laundry equipment	3582	6.2	5.4	5.6	5.8	6.0	5.9	5.6	5.3
Measuring and dispensing pumps and service ind. mach., nec	3586,9	38.7	37.3	37.0	37.1	38.1	42.2	41.6	38.4
Welding apparatus, electric	3623	17.0	17.2	15.6	16.7	18.3	19.6	18.9	18.1
Carbon and graphite products	3624	14.4	13.4	12.6	13.4	13.1	13.9	14.1	14.0
Electrical industrial apparatus, nec	3629	14.1	11.2	10.7	11.8	13.8	14.3	13.9	12.2
Household cooking equipment	3631	20.9	16.4	21.9	24.3	25.6	25.8	27.6	24.8
Other household appliances	3633,6,9	39.3	29.6	33.5	33.0	37.3	37.8	34.6	32.3
Commercial lighting fixtures	3646	18.3	14.2	13.4	14.6	15.3	17.3	17.1	17.2
Vehicular & lighting equipment, nec.	3647,8	21.5	19.3	23.0	22.7	25.3	27.9	25.3	23.7
Phonograph records	3652	24.0	20.5	24.2	24.0	27.1	27.9	24.2	24.5
Electronic capacitors	3675	25.0	15.7	18.6	20.3	23.6	25.6	28.4	25.8
Electronic resistors and connectors	3676,8	17.1	13.6	12.9	15.9	19.0	21.7	21.7	19.2
Electronic coils and transformers	3677	20.7	15.1	17.2	20.2	22.4	25.6	27.7	24.7
Primary batteries, dry and wet	3692	13.7	11.1	12.8	14.7	16.2	16.0	15.5	16.5
X-ray apparatus and tubes	3693	15.0	17.0	17.9	18.3	22.7	25.6	25.2	20.5
Other misc. electrical equipment	3699	13.8	10.7	11.2	14.9	16.2	14.9	14.4	13.7
Self-contained motor homes	3716	-	-	-	5.8	5.6	5.2	5.6	4.9
Motorcycles, bicycles, and parts	375	20.5	13.9	17.1	17.3	19.1	18.6	21.8	17.4
Space propulsion units and other space vehicle equipment	3764,9	14.1	13.8	14.6	18.0	18.4	20.0	22.1	20.3
Other transportation equipment	3795,9	15.7	16.2	17.4	19.1	20.9	22.5	22.5	21.5
Fluid meters and counting devices	3824	15.2	13.5	13.3	14.3	14.6	17.5	18.1	18.1
Measuring and controlling devices, nec	3829	18.5	17.7	17.5	19.1	21.2	22.2	22.4	23.4
Dental equipment and supplies	3843	14.5	14.9	15.4	16.9	16.9	17.7	17.4	17.1
Silverware and plated ware	3914	12.7	11.2	11.6	11.6	11.7	11.8	11.3	11.5
Jewelers' materials and lapidary work	3915	8.1	8.0	9.3	9.0	9.6	9.7	8.0	7.6
Pens and mechanical pencils	3951	12.3	9.9	11.3	11.2	12.2	12.3	12.1	11.6
Lead pencils and art goods	3952	9.1	8.3	9.0	8.9	9.6	9.5	9.3	9.4
Marking devices, carbon paper and inked ribbons	3953,5	14.2	12.9	13.8	14.2	14.8	16.4	16.9	15.5
Artificial flowers and buttons	3962,3	10.4	8.9	9.9	8.9	8.9	8.6	8.4	8.3
Needles, pins, and fasteners	3964	20.2	16.4	17.5	19.6	19.4	19.0	19.0	14.5
Brooms and brushes	3991	17.4	15.2	17.3	18.1	17.8	17.2	18.0	15.2
Burial caskets	3995	14.5	13.6	12.8	12.5	12.7	12.2	12.0	11.3
Manufacturing industries, nec	3996,9	62.6	55.4	58.1	59.9	63.0	64.7	61.8	59.3
Nondurable goods	20-23,26-31	8,151	7,366	7,830	7,931	8,130	8,227	8,113	7,980
Poultry and egg processing	2017	14.9	12.8	14.5	13.6	12.9	15.2	15.2	14.7
Creamery butter and condensed and evaporated milk	2021,3	17.6	17.7	16.4	15.4	14.9	15.7	17.9	18.0
Ice cream and frozen desserts	2024	19.6	19.4	18.8	19.4	18.2	19.4	19.1	18.8
Dehydrated fruits, soups, and vegetables	2034	15.4	14.4	16.3	16.8	16.6	17.9	16.7	15.7
Pickles, sauces, and salad dressings	2035	23.1	21.0	23.8	23.0	24.3	23.3	24.1	23.3
Frozen specialties	2038	27.1	23.6	27.1	29.3	31.9	34.2	34.7	34.2
Cereal breakfast foods	2043	15.8	16.1	16.1	16.8	16.4	16.0	16.6	16.3
Wet corn milling	2046	14.2	13.5	12.3	13.3	13.0	12.9	12.7	13.5
Dog, cat, and other pet food	2047	16.1	16.9	17.7	16.6	17.8	17.5	16.7	17.0
Rice milling and blended and prepared flour	2044,5	11.7	11.9	11.6	12.3	12.6	13.7	13.8	12.3

See footnote at end of table.

Table 7. Employment benchmarks for industries not published monthly—Continued

(In thousands)

Industry	1972 SIC Code	March 1974	March 1975	March 1976	March 1977	March 1978	March 1979	March 1980	March 1981
Cane sugar, except refining only	2061	-	-	-	-	-	-	-	8.5
Cane sugar, refining	2062	-	-	-	-	-	-	-	10.2
Beet sugar	2063	-	-	-	-	-	-	-	10.2
Chocolate and cocoa products and chewing gum	2066,7	19.4	16.9	19.4	20.0	18.9	19.8	19.5	19.4
Oil mills	2074,5,6	17.7	17.3	17.5	16.2	18.5	19.4	20.3	19.4
Animal and marine fats and oils	2077	11.6	11.4	10.8	12.5	11.1	11.0	10.8	10.3
Shortening and cooking oils	2079	12.3	12.7	13.5	12.9	13.3	14.3	13.4	12.5
Malt and other flavoring extracts and syrups	2083,7	13.4	13.3	13.2	13.2	14.2	14.2	14.4	14.9
Wines, brandy, and brandy spirits	2084	11.5	12.6	11.5	11.1	12.9	12.4	12.6	14.0
Distilled liquor, exc. brandy	2085	18.8	19.0	19.3	18.5	18.5	18.5	18.4	17.0
Canned and cured seafoods	2091	18.0	16.4	16.7	17.7	18.5	17.6	15.9	16.5
Fresh or frozen packaged fish	2092	27.5	24.5	26.8	28.6	30.8	33.2	33.5	32.9
Roasted coffee	2095	15.3	14.1	14.2	13.8	13.7	13.5	13.0	12.9
Misc. food preparation	2097-9	88.1	83.6	87.4	92.1	96.8	96.5	97.3	98.7
Cigars	212	14.5	12.4	10.4	9.4	9.1	8.3	7.5	7.1
Other tobacco manufactures	213,4	13.3	14.1	12.7	13.7	14.3	14.2	12.1	12.7
Knit fabric and knitting mills, nec.	2258,9	30.0	25.9	26.7	24.7	25.1	26.3	24.5	21.4
Finishing plants, nec	2269	20.3	15.6	18.4	17.3	16.4	18.4	17.1	14.5
Wool yarn mills	2283	14.7	10.2	10.9	11.7	10.9	9.9	10.2	8.6
Thread mills	2284	11.9	8.3	10.9	11.0	10.8	10.1	11.6	10.2
Coated fabrics, not rubberized	2295	13.0	10.8	12.8	12.7	12.0	11.7	12.4	11.6
Tire cord and fabric	2296	12.8	10.9	11.8	13.0	11.0	11.5	10.8	9.5
Cordage and twine	2298	11.8	9.9	10.0	10.7	10.5	10.5	9.7	9.1
Other textile goods	2291-4,7,9	37.9	31.7	35.9	34.6	36.6	36.6	36.7	35.4
Men's and boys' underwear	2322	19.0	13.9	15.7	15.9	16.5	17.3	16.1	14.8
Men's and boys' neckwear	2323	9.2	6.5	7.5	6.7	7.2	6.8	6.7	6.7
Men's and boys' clothing, nec	2329	57.4	49.2	55.6	57.7	60.7	58.5	62.1	57.6
Hats, caps, and millinery	2351,2	15.1	15.2	15.7	15.4	15.6	16.4	15.5	15.6
Children's coats and suits	2363	8.8	7.5	8.8	8.1	8.2	7.5	7.0	6.5
Children's outerwear, nec	2369	34.3	30.6	34.6	34.0	33.9	31.8	31.0	30.4
Fur goods	237	3.5	3.6	4.0	4.0	4.2	4.3	3.8	3.9
Fabric dress and work gloves	2381	16.6	12.5	12.3	13.8	14.5	13.2	13.2	11.4
Robes and dressing gowns	2384	12.4	9.2	11.1	11.3	11.7	11.1	10.6	9.4
Waterproof outer garments	2385	16.1	14.0	14.5	13.6	13.1	12.6	12.3	12.2
Apparel and accessories, nec	2386,7,9	20.4	19.8	22.5	21.6	21.8	20.4	19.9	23.7
Textile bags	2393	8.7	7.4	8.1	8.5	9.3	9.4	9.8	8.7
Canvas and related products	2394	15.1	13.0	13.3	13.4	13.9	14.8	15.0	15.2
Pleating and stitching	2395	16.4	13.5	15.2	15.0	17.2	16.1	16.2	17.4
Other fabricated textile products	2397,9	30.7	24.4	30.0	29.9	29.7	33.2	30.8	28.8
Pulp mills	261	14.3	14.1	15.6	16.8	17.1	15.8	16.5	16.9
Building paper and board mills	266	13.9	11.2	11.8	12.1	13.5	12.8	12.4	11.0
Die-cut paper and board	2645	18.5	16.0	16.9	17.2	17.4	17.6	17.3	16.5
Sanitary paper products	2647	16.3	15.3	19.3	22.3	25.5	25.5	26.6	26.4
Other converted paper products	2646,8,9	45.2	38.6	41.2	42.6	44.9	44.1	45.6	44.9
Set-up paperboard boxes	2652	15.8	12.1	13.6	13.3	13.0	12.6	11.9	11.9
Fiber cans, drums, and similar products	2655	21.6	18.0	19.0	18.5	19.0	19.4	18.9	18.0
Engraving and plate printing	2753	12.7	11.1	11.6	11.6	11.2	11.5	11.2	11.3
Commercial printing, gravure	2754	8.4	7.8	7.8	10.0	12.0	10.9	11.3	11.8
Greeting card publishing	277	22.5	21.9	20.0	21.0	22.0	23.0	24.0	23.8
Blankbooks and looseleaf binders	2782	34.1	31.8	32.0	33.5	35.9	38.3	38.5	39.0
Bookbinding and related work	2789	24.9	23.1	23.0	22.8	24.0	23.9	24.0	23.8
Typesetting	2791	23.9	23.4	22.9	23.8	24.8	26.7	27.5	28.1
Other publishing and printing	2793-5	16.7	15.6	15.1	15.0	15.4	16.4	16.9	16.8
Alkalies and chlorine	2812	22.8	23.2	21.8	21.9	23.6	21.3	23.0	20.8
Industrial gases	2813	16.9	17.1	17.4	21.3	21.0	21.7	21.0	22.0
Inorganic pigments	2816	13.6	12.7	12.6	12.8	12.8	12.5	11.6	11.2
Synthetic rubber	2822	16.7	14.5	13.4	13.9	14.1	14.2	13.9	13.1
Cellulosic man-made fibers	2823	38.3	25.2	24.9	21.0	20.9	13.1	14.6	19.8
Biological products	2831	19.3	18.7	19.6	19.9	20.7	21.8	22.9	22.6
Medicinals and botanicals	2833	14.7	15.0	14.2	15.9	16.0	16.7	18.1	18.2
Nitrogenous fertilizers	2873	11.2	12.0	14.0	16.7	14.5	14.0	14.8	15.4
Phosphatic fertilizers	2874	15.7	16.8	16.2	15.6	15.0	15.0	17.7	16.8
Fertilizers, mixing only	2875	16.0	16.0	15.3	15.7	14.4	15.4	15.0	14.3
Agricultural chemicals, nec	2879	21.1	23.3	23.9	23.0	24.5	26.0	26.2	25.3
Adhesives and sealants	2891	15.5	14.8	15.5	16.6	18.0	19.8	20.5	20.9
Explosives	2892	22.4	19.7	13.6	13.7	13.1	13.4	13.1	15.7
Printing ink	2893	12.4	12.3	10.6	11.3	12.1	12.4	12.8	12.3
Other chemical preparations	2895,9	40.6	37.4	40.5	42.8	45.3	46.9	47.0	45.1
Paving mixtures and blocks	2951	10.9	10.0	10.1	10.1	9.7	10.3	10.0	10.0
Asphalt felts and coatings	2952	19.4	17.0	18.6	18.7	19.6	20.8	20.4	17.4
Misc. petroleum and coal products	299	11.5	11.2	11.1	11.0	10.9	12.0	12.3	12.3
Fabricated rubber products	303,4,6	144.2	120.6	126.5	133.7	138.8	145.7	135.4	127.5

See footnote at end of table.

Table 7. Employment benchmarks for industries not published monthly—Continued

(In thousands)

Industry	1972 SIC Code	March 1974	March 1975	March 1976	March 1977	March 1978	March 1979	March 1980	March 1981
Boot and shoe cut stock and findings	313	11.4	8.6	10.3	10.1	11.4	11.6	11.0	10.7
House slippers	3142	11.4	9.0	8.2	8.3	8.3	8.5	8.7	9.1
Footwear, except rubber, nec	3149	25.5	22.7	23.1	21.6	23.3	24.0	23.5	23.5
Women's handbags and purses	3171	20.9	17.8	20.4	19.8	18.6	18.6	17.2	17.5
Personal leather goods, nec	3172	12.8	10.8	14.0	13.9	14.3	13.8	14.1	12.6
Other leather products, nec	319,9	14.5	12.2	13.6	14.3	14.5	14.7	13.7	13.1
Service-producing	-	52,792	53,721	55,366	57,005	60,053	62,661	64,454	65,24
Transportation and public utilities	40-49	4,684	4,513	4,506	4,603	4,804	5,045	5,127	5,10
Transportation	40-42, 44-47	2,754.7	2,610.2	2,617.3	2,696.8	2,828.6	2,967.4	2,974.5	2,895.
Other railroads and switching and terminal companies	4012	46.2	53.2	63.9	63.8	68.0	70.5	74.1	70.
Other passenger transit services	414,7	10.7	11.1	11.1	12.3	13.1	13.6	15.3	16.
Trucking, local and long distance	421	1,092.7	982.1	1,023.0	1,071.3	1,164.8	1,224.8	1,180.7	1,147.
Trucking terminal facilities	423	5.0	4.5	4.6	5.0	5.2	7.1	7.6	7.
Deep sea transportation	441,2	47.1	45.1	42.7	42.9	42.7	42.0	42.6	46.
Water transportation services	446	112.4	108.3	107.4	103.8	117.3	115.1	112.0	114.
Other water transportation	443-5	37.3	39.3	36.8	39.7	41.8	44.4	47.8	52.
Air transportation services	458	34.4	36.7	36.8	39.2	41.0	45.9	49.4	49.
Freight forwarding	471	36.4	36.8	36.6	40.2	43.3	45.2	49.2	52.
Arrangement of transportation	472	70.8	74.1	80.5	90.6	102.6	113.8	125.7	128.
Other transportation services	474,8	22.4	21.2	19.6	20.2	21.3	21.7	24.3	23.
Telegraph communication	482	20.3	19.0	17.8	18.0	18.2	18.4	19.2	19.
Communication services, nec	489	31.7	34.3	37.5	40.6	44.1	50.8	62.2	78.
Water supply	494	18.3	18.4	18.5	19.0	19.4	20.0	20.4	20.
Steam supply and irrigation systems	496,7	2.6	2.6	3.0	3.3	3.2	2.5	2.5	2.
Wholesale and retail trade	50-59	16,537	16,571	17,245	17,891	18,878	19,809	20,068	20,0
Wholesale trade	50-51	4,374	4,354	4,480	4,607	4,852	5,135	5,266	5,3
Farm-product raw materials	515	134.5	131.3	136.2	142.2	143.9	145.6	147.0	145.
Retail trade	52-59	12,163	12,217	12,765	13,284	14,026	14,674	14,800	14,7
Paint, glass, and wallpaper stores	523	50.2	51.3	53.2	55.7	58.0	61.1	61.7	61
Retail nurseries and garden stores	526	44.6	41.5	45.7	47.0	48.5	52.5	53.7	54
Mobile home dealers	527	36.0	28.6	27.8	27.0	29.6	29.6	28.3	25
Other food stores	543-5,9	85.8	89.6	93.0	95.2	103.8	107.4	110.0	113
New and used car dealers	551	748.0	715.3	759.2	790.8	828.9	855.3	778.8	710
Used car dealers	552	42.6	40.6	45.0	45.9	47.1	48.5	43.0	40
Other automotive dealers	555-7,9	72.4	67.1	73.0	76.4	81.9	87.5	82.4	78
Women's accessory and specialty stores	563	23.6	23.4	25.0	23.6	22.8	24.0	23.2	23
Children's and infants' wear stores	564	20.6	21.4	22.3	23.7	24.7	26.2	28.2	29
Furriers and other misc. apparel and accessories	568,9	30.7	30.7	32.9	34.4	37.0	43.2	44.8	48
Used merchandise stores	593	38.7	42.2	45.8	48.4	51.1	56.2	58.7	59
Finance, insurance, and real estate	60-67	4,107	4,117	4,204	4,377	4,623	4,876	5,090	5,2
Mutual savings banks	603	46.9	49.1	53.0	58.1	62.8	66.2	70.1	74
Other related banking functions	601,4,5	52.4	56.0	56.2	57.2	59.2	61.1	64.1	65
Business credit institutions	615	24.2	24.2	23.6	22.7	23.4	29.8	31.7	31
Mortgage bankers and brokers	616	44.1	41.3	43.7	48.1	56.0	60.6	62.9	62
Credit agencies other than banks, nec	611,3	14.3	15.2	15.8	15.6	16.4	17.3	18.4	20
Other security, commodity brokers and services	622,3,8	27.8	28.1	28.9	32.4	33.5	38.5	41.5	44
Other insurance carriers	635-7,9	54.4	55.4	59.9	61.8	70.8	73.0	75.5	78
Title abstract offices	654	16.1	14.9	17.0	20.3	22.6	22.8	22.2	20
Holding offices	671	34.4	37.5	37.7	41.9	46.5	51.4	50.9	5
Holding and other investment offices, nec	672,3,9	45.0	47.4	51.3	50.7	55.8	57.6	62.8	6
Services	07,70-86, 89,99	13,191	13,632	14,284	14,935	15,870	16,829	17,636	18,
Veterinary, animal, landscape, and horticultural services	074,5,8	140.8	141.9	157.5	166.4	180.7	200.6	211.4	21
Camps and trailering parks	703	13.8	15.2	14.6	14.7	13.6	14.3	14.4	1
Other lodging places	702,4	23.4	21.3	20.6	18.5	17.8	16.9	16.1	1
Photographic studios, portrait	722	32.8	33.1	35.0	36.0	40.5	42.8	42.6	4
Barber shops	724	28.0	26.5	26.4	26.8	27.3	27.8	27.6	2
Misc. personal services	725,9	104.6	108.5	109.7	122.3	135.4	141.5	139.8	16
Other business services	735,9	918.5	964.6	995.6	1,035.7	1,132.0	1,239.6	1,346.9	1,40
Automotive rentals, without drivers	751	81.7	79.7	83.1	88.3	102.5	116.3	122.2	11

See footnote at end of table.

Table 7. Employment benchmarks for industries not published monthly—Continued

(In thousands)

Industry	1972 SIC Code	March 1974	March 1975	March 1976	March 1977	March 1978	March 1979	March 1980	March 1981
Automobile parking	752	36.8	35.7	36.2	36.7	37.4	37.5	37.2	37.5
Automotive services, except repairs	754	60.3	58.2	58.7	63.1	69.5	71.1	68.7	64.1
Electrical repair shops	762	66.1	65.1	68.3	69.9	76.3	84.2	86.7	87.0
Reupholstery and furniture repair	764	21.5	20.2	21.6	22.0	22.3	23.1	22.5	22.1
Misc. repair services, nec	763,9	127.1	130.9	137.0	140.6	156.8	173.0	181.0	183.3
Motion picture distribution and services	782	11.0	10.4	9.8	10.4	11.1	10.7	10.6	11.1
Producers, orchestras, entertainers	792	63.1	62.6	65.8	72.1	76.2	83.2	86.2	86.7
Bowling and billiard establishments	793	102.0	103.0	106.4	112.2	115.1	116.4	117.2	114.8
Commercial sports	794	48.4	55.7	60.6	60.5	60.7	60.0	64.2	62.1
Amusement and recreation services, nec	791,9	297.8	308.9	328.0	355.7	383.0	405.1	432.6	443.5
Offices of osteopathic physicians	803	15.4	16.3	17.5	19.6	21.0	22.0	23.9	25.1
Offices of other health practitioners	804	56.3	59.6	62.7	69.0	77.4	85.3	95.2	104.5
Medical and dental laboratories	807	78.3	80.5	87.0	92.2	96.3	101.6	103.4	105.6
Health services, nec	808,9	91.9	108.1	122.3	135.2	157.7	172.2	206.0	236.1
Correspondence and vocational schools	824	48.2	44.6	45.9	46.4	45.9	47.0	46.7	50.3
Educational services, nec	823,9	48.3	52.3	56.9	54.9	63.2	68.9	70.9	69.9
Individual and family services	832	84.9	96.4	102.8	112.6	127.1	155.9	172.2	147.5
Job training and related services	833	91.8	84.7	101.8	120.1	148.8	173.6	192.4	194.1
Child day care services	835	168.7	196.8	216.8	238.9	275.8	316.9	303.2	294.6
Residential care	836	126.1	141.2	152.9	175.8	190.0	196.5	209.8	227.7
Social services, nec	839	135.0	142.9	162.9	175.4	204.2	227.5	241.5	247.9
Museums, botanical, and zoological gardens	841,2	23.9	24.7	25.7	25.7	28.8	30.4	30.9	31.9
Business associations	861	69.1	74.3	74.7	75.6	79.7	81.9	84.0	84.8
Professional organizations	862	27.4	27.6	31.8	30.7	33.2	33.9	35.5	35.6
Labor organizations	863	137.2	138.6	138.9	142.6	141.6	146.7	150.6	147.5
Civic and social associations	864	284.3	293.2	294.6	296.5	304.5	305.0	309.7	310.3
Religious organizations	866	866.5	861.0	881.3	862.7	875.0	890.4	892.5	885.2
Political and membership org., nec	865,9	52.0	55.9	64.9	60.4	64.9	65.0	68.2	66.0
Miscellaneous services, nec	892,9	100.9	106.7	107.9	109.3	116.2	125.7	133.2	138.3
Nonclassifiable establishments	99	62.9	80.1	123.0	110.5	111.3	94.7	107.7	169.4
Government	-	14,273	14,888	15,125	15,199	15,878	16,102	16,533	16,468
Federal	-	2,691	2,724	2,724	2,714	2,725	2,740	2,869	2,769
Small arms ammunition and ordnance	-	-	26.5	27.5	28.6	19.4	19.3	19.0	20.4
Other manufacturing	-	-	43.3	40.2	41.4	32.2	33.0	31.3	31.2
Trade division	-	-	96.5	84.0	87.1	74.4	77.4	80.5	78.8
Finance division	-	-	19.5	16.5	17.2	19.1	22.9	23.4	22.8
Other services	-	-	141.2	138.7	143.9	134.7	126.9	134.2	137.7
State and local government	-	11,582	12,163	12,401	12,485	13,153	13,362	13,664	13,699
State government	-	3,085	3,258	3,311	3,427	3,502	3,607	3,688	3,731
Other State government	-	1,745.2	1,839.4	1,866.6	1,947.3	2,034.5	2,134.7	2,193.8	2,219.1
Construction division	-	279.8	272.0	257.0	268.1	271.5	280.6	293.6	290.0
Transportation and public utilities	-	25.3	26.7	29.4	30.7	31.8	34.1	34.1	34.4
Social services	-	136.9	157.2	157.9	164.7	161.6	179.7	182.2	179.9
Services, except hospitals, education, and social services	-	78.3	85.1	89.3	93.2	103.8	106.9	124.3	144.1
All other State government	-	743.1	798.0	820.0	853.4	914.7	990.2	1,028.2	1,048.4
Local government	-	8,496	8,904	9,089	9,058	9,499	9,755	9,976	9,968
Other local government	-	3,625.3	3,797.9	3,901.3	3,870.7	4,113.1	4,430.5	4,481.8	4,424.9
Social services	-	181.5	187.5	188.1	186.5	228.7	227.2	200.7	200.5
Services, except hospitals, education, and social services	-	103.5	111.0	109.7	108.8	108.9	146.6	174.4	164.7

1 Data for 1974 are estimates, not universe counts.
Note: Includes overall total and industry division totals which are published regularly.
nec = not elsewhere classified
- = not available

ESTABLISHMENT DATA

Seasonal Factors

The following tables present seasonal adjustment factors for all series in the establishment section of this periodical. These factors were derived using data
March 1982. The factors should be used with current estimates (adjusted to the March 1981 benchmarks) beginning April 1982.

The seasonal movements are measured in order to adjust the data statistically for such recurring events as warm and cold weather, crop-growing cycles, holida
tions, regular industry model changeover periods, and the like. These movements are generally the largest single component of month-to-month change in empl
hours, and earnings. The seasonal factors which follow enable the analyst to remove these influences from the data in order to determine more basic trends.

Table 8. Seasonal adjustment factors for employees on nonagricultural payrolls by industry division and manufacturing group

Industry	19[illegible]								19[illegible]		
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	
Total[1]												
Mining	99.1	100.1	101.9	101.7	101.7	100.8	100.1	100.1	99.5	98.5	98.1	
Construction	96.4	100.2	103.8	105.6	106.8	105.9	105.9	103.7	99.6	90.3	89.6	
Manufacturing[1]												
Durable goods[1]												
Lumber and wood products	98.0	99.8	102.1	102.0	103.0	103.0	101.9	100.2	98.6	96.6	97.0	
Furniture and fixtures	100.2	99.3	99.4	97.1	99.2	100.5	101.2	101.2	101.1	100.4	100.4	1
Stone, clay, and glass products	99.3	100.3	102.1	101.6	102.1	102.2	101.7	101.4	99.4	95.6	95.9	
Primary metal industries	100.1	100.3	101.3	99.6	99.8	100.6	99.9	99.9	99.9	99.7	99.5	
Fabricated metal products	99.7	99.5	100.4	98.6	99.4	100.8	101.0	101.1	100.7	99.6	99.6	
Machinery, except electrical	100.3	99.8	100.3	99.4	99.0	99.9	99.8	100.0	100.4	100.2	100.5	1
Electric and electronic equipment	99.7	99.6	100.3	99.2	99.4	100.3	100.6	100.5	100.6	100.1	99.9	
Transportation equipment	100.1	100.3	100.3	98.6	97.4	101.1	101.6	101.5	100.8	99.3	98.8	1
Instruments and related products	99.8	99.7	100.9	100.0	100.2	99.9	99.9	100.1	100.3	99.8	99.6	
Miscellaneous manufacturing ind	99.4	99.7	100.9	97.3	101.1	102.6	103.1	102.7	99.6	96.9	97.9	
Nondurable goods[1]												
Food and kindred products	96.1	97.0	99.4	101.5	106.1	106.4	103.4	101.0	99.3	96.8	96.6	
Tobacco manufactures	92.4	91.5	92.9	93.2	105.4	109.0	108.8	106.1	104.7	102.1	98.9	
Textile mill products	99.7	99.9	100.5	98.1	100.1	100.6	100.3	100.6	100.6	99.6	99.9	
Apparel and other textile products	100.2	100.6	101.7	97.1	100.6	101.5	101.3	100.7	99.1	97.9	99.4	
Paper and allied products	99.8	99.8	100.9	100.1	100.7	100.3	100.2	100.1	99.9	99.4	99.3	
Printing and publishing	100.0	99.8	100.1	99.7	99.6	99.7	99.9	100.3	100.8	99.9	100.0	1
Chemicals and allied products	99.9	100.1	101.0	100.6	100.4	100.0	99.8	99.7	99.7	99.4	99.5	
Petroleum and coal products	99.0	100.1	101.5	102.0	102.0	101.2	100.9	100.7	99.2	97.6	97.6	
Rubber and misc. plastic products	99.7	99.5	100.5	98.5	99.6	101.0	100.9	100.8	100.3	99.8	99.8	
Leather and leather products	99.7	101.1	102.2	95.4	101.6	101.3	101.3	101.3	99.5	98.6	98.8	
Transportation and public utilities	99.3	99.9	100.7	100.2	100.2	100.9	100.9	100.7	100.6	98.8	98.7	
Wholesale and retail trade[1]												
Wholesale trade	99.7	99.8	100.6	100.3	100.3	100.1	100.4	100.4	100.3	99.4	99.3	
Retail trade	99.2	99.9	100.3	99.8	100.3	100.5	100.4	101.5	104.1	98.8	97.6	
Finance, insurance, and real estate	99.7	100.0	101.0	101.2	101.0	100.0	99.8	99.7	99.7	99.3	99.2	
Services	100.2	100.4	100.3	100.0	100.6	100.2	100.3	99.9	99.7	98.4	99.1	
Government[1]												
Federal[2]	100.0	100.2	101.7	102.1	101.2	98.9	99.3	99.3	99.0	99.1	99.5	
State and local	102.3	102.3	100.7	99.7	93.6	97.4	100.8	101.9	101.7	100.2	101.9	1

[1] Seasonally adjusted data derived by summation of components.

[2] Based on data which exclude temporary Christmas employees of the p
vice during December.

Table 9. Seasonal adjustment factors for women employees on nonagricultural payrolls by industry division and manufacturing group

Industry	1982									1983		
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
Total[1]	98.3	99.2	102.1	102.4	102.9	100.7	99.8	100.0	99.3	98.6	98.4	98.2
Mining	98.8	99.4	101.4	102.2	102.2	101.3	100.8	100.3	99.5	98.4	97.8	98.1
Construction												
Manufacturing[1]												
Durable goods[1]	99.3	100.3	101.1	100.1	101.6	102.3	101.6	100.6	99.2	97.8	97.7	98.3
Lumber and wood products	100.4	99.4	99.0	96.1	98.5	103.4	101.5	101.6	101.9	103.5	100.6	100.1
Furniture and fixtures	99.2	99.7	101.3	100.0	100.6	101.4	101.3	100.9	99.8	98.4	98.6	98.7
Stone, clay, and glass products	100.5	100.0	101.0	99.3	99.3	100.5	100.1	100.4	100.0	99.5	99.4	100.3
Primary metal industries	100.0	99.7	100.2	98.2	98.8	100.8	101.4	101.3	100.7	99.7	99.5	99.8
Fabricated metal products	100.4	99.9	99.9	99.2	98.5	99.4	99.7	100.1	100.6	100.6	100.9	100.9
Machinery, except electrical[1]	99.9	99.7	100.5	98.6	98.9	100.3	100.7	100.8	100.9	100.0	99.8	99.9
Electric and electronic equipment	99.8	100.0	100.7	99.3	99.5	101.2	101.8	101.7	100.5	99.1	98.5	99.0
Transportation equipment	100.0	100.0	101.2	99.4	100.0	99.9	100.0	100.2	100.2	99.7	99.7	99.7
Instruments and related products	99.2	99.8	101.1	96.3	101.3	103.7	104.7	103.8	99.1	95.4	97.3	98.5
Miscellaneous manufacturing ind.												
Nondurable goods[1]	93.6	94.9	97.9	101.4	110.3	111.9	106.6	102.3	98.8	94.3	93.9	94.2
Food and kindred products	89.2	88.8	89.2	88.8	107.8	112.8	114.0	109.7	105.4	102.2	98.9	93.2
Tobacco manufactures	99.8	100.1	100.7	97.7	100.3	100.8	100.6	101.0	100.4	99.3	99.7	99.6
Textile mill products	100.4	100.7	101.7	96.7	100.5	101.3	101.2	100.7	99.1	98.0	99.7	100.1
Apparel and other textile products	99.6	99.9	101.6	99.9	101.1	100.6	100.7	100.3	99.7	98.6	98.6	99.2
Paper and allied products	100.1	99.8	99.9	99.6	99.6	99.6	100.1	100.5	100.9	99.9	99.9	100.2
Printing and publishing	99.4	99.8	101.1	100.8	100.6	100.4	100.3	100.1	99.7	99.0	99.2	99.6
Chemicals and allied products	97.4	99.1	102.4	103.9	103.0	101.5	100.7	100.2	99.7	98.4	96.8	96.9
Petroleum and coal products	99.6	99.5	100.8	97.9	99.3	101.5	101.5	101.3	100.3	99.3	99.4	99.5
Rubber and misc. plastic products	99.7	100.9	102.4	95.5	101.8	101.6	101.6	101.7	99.3	98.2	98.4	98.9
Leather and leather products												
Transportation and public utilities	99.5	99.9	100.5	99.0	98.9	100.6	100.9	101.0	100.8	99.7	99.6	99.7
Wholesale and retail trade[1]												
Wholesale trade	99.3	99.7	100.1	99.5	99.7	100.2	101.2	101.3	100.9	99.4	99.3	99.6
Retail trade	98.6	99.4	99.9	99.0	99.4	100.5	100.5	102.6	106.2	99.1	97.4	97.5
Finance, insurance, and real estate	99.8	99.8	100.5	100.7	100.5	99.7	99.8	99.9	100.0	99.6	99.8	99.9
Services	100.4	100.3	100.4	100.0	99.8	100.0	100.4	100.2	99.9	98.9	99.5	100.0
Government[1]												
Federal	100.6	100.5	102.2	102.4	101.3	98.4	98.8	98.6	98.6	99.2	99.7	99.8
State and local	103.9	103.5	100.6	90.0	88.6	96.6	101.7	103.3	103.8	101.5	103.3	103.9

[1] Seasonally adjusted data derived by summation of components.

[2] No ARIMA models identified to extend series for one year. Factors shown relate to data from latest year (April 1981-March 1982).

Table 10. Seasonal adjustment factors for production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division and major manufacturing group

Industry	1982								1983		
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
Total private[2]												
Mining	98.5	99.7	102.3	101.9	101.7	101.2	100.4	100.3	99.7	98.5	98.0	98.2
Construction	95.8	100.4	104.6	106.8	108.3	107.3	107.4	104.7	99.6	87.8	87.0	90.4
Manufacturing[3]												
Durable goods[4]												
Lumber and wood products	97.7	99.8	102.4	102.3	103.4	103.5	102.1	100.1	98.4	96.2	96.7	97.3
Furniture and fixtures	100.1	99.1	99.3	98.5	99.3	100.7	101.4	101.4	101.3	100.5	100.4	100.1
Stone, clay, and glass products	99.3	100.3	102.5	101.7	102.3	102.7	102.2	101.7	99.3	95.9	95.1	97.0
Primary metal industries	100.2	100.4	101.1	99.4	99.6	100.7	99.9	99.9	99.9	99.8	99.5	99.7
Fabricated metal products	99.7	99.4	100.5	98.1	99.2	101.1	101.3	101.5	100.3	99.4	99.5	99.6
Machinery, except electrical	100.7	99.9	100.3	98.8	98.1	100.0	99.8	100.1	100.5	100.4	100.8	100.6
Electric and electronic equipment	99.9	99.7	100.3	98.6	98.8	100.4	100.7	100.7	100.9	100.1	100.0	99.9
Transportation equipment	100.4	100.8	100.4	97.1	95.3	101.2	102.2	102.1	101.5	99.3	99.0	100.7
Instruments and related products	100.1	99.9	101.0	99.6	99.9	99.8	99.7	100.1	100.5	99.8	99.8	99.8
Miscellaneous manufacturing ind	99.4	99.7	101.0	98.7	101.5	103.4	103.8	103.3	99.2	96.0	97.3	98.6
Nondurable goods[4]												
Food and kindred products	94.7	95.9	98.9	101.6	108.1	108.9	104.9	101.5	99.0	95.7	95.4	95.2
Tobacco manufactures	90.7	89.7	91.7	91.6	136.2	110.9	110.9	107.7	105.6	102.6	98.6	93.9
Textile mill products	99.7	99.9	100.5	97.9	100.1	100.6	100.3	100.7	100.6	99.7	99.9	100.0
Apparel and other textile products	100.2	100.6	101.9	96.8	100.7	101.7	101.4	100.8	98.9	97.6	99.3	99.9
Paper and allied products	99.6	99.8	101.2	100.1	100.7	100.5	100.3	100.2	99.9	99.3	99.1	99.4
Printing and publishing	100.3	99.9	99.8	99.1	99.3	99.8	99.9	100.4	101.0	99.9	100.2	100.3
Chemicals and allied products	100.1	100.4	101.3	100.4	100.3	100.1	99.7	99.6	99.5	99.2	99.5	99.9
Petroleum and coal products	98.7	100.2	102.2	102.6	102.7	101.8	101.5	100.7	98.8	97.2	96.5	97.0
Rubber and misc. plastic products	99.8	99.5	100.3	97.5	98.9	100.7	100.7	101.0	100.6	100.3	100.6	100.2
Leather and leather products	99.5	101.2	102.4	95.5	101.6	101.5	101.6	101.6	99.3	98.2	98.6	98.9
Transportation and public utilities	99.2	99.9	100.9	100.2	100.2	101.0	101.0	100.8	100.6	98.7	98.6	98.9
Wholesale and retail trade[2]												
Wholesale trade	99.7	99.8	100.7	100.4	100.3	100.1	100.4	100.5	100.3	99.3	99.2	99.4
Retail trade	99.0	99.8	100.2	99.6	100.0	100.5	100.5	101.8	104.6	98.8	97.4	97.7
Finance, insurance, and real estate	99.6	100.0	101.2	101.5	101.3	100.0	99.8	99.6	99.6	99.1	99.0	99.2
Services	100.3	100.5	100.9	100.9	100.7	100.1	100.3	99.9	99.7	98.2	99.0	99.5

[1] Data relate to production workers in mining and manufacturing; to construction workers in construction; and to nonsupervisory workers in transportation and public utilities; wholesale and retail trade; finance, insurance, and real estate; and services.

[2] Seasonally adjusted data derived by summation of components.

[3] No ARIMA models identified to extend series for one year. Factors shown relate to data from latest year (April 1981-March 1982).

Table 11. Seasonal adjustment factors for average weekly hours of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division and major manufacturing group

Industry	1982									1983		
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
Total private[2]												
Mining	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Construction	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Manufacturing[2]												
Durable goods[2]												
Lumber and wood products	99.2	100.1	101.4	100.0	101.6	100.9	101.0	100.0	101.1	96.1	98.8	99.8
Furniture and fixtures	99.1	99.2	100.3	98.0	100.5	100.8	101.7	101.2	102.7	96.7	99.1	100.7
Stone, clay, and glass products	99.7	100.4	101.1	99.9	100.7	100.8	101.1	101.1	101.1	96.8	97.7	99.5
Primary metal industries	100.4	99.5	99.9	98.9	98.8	100.5	99.4	100.3	100.9	100.2	100.6	100.6
Fabricated metal products	98.9	99.7	100.4	98.4	99.7	100.2	100.5	100.9	102.6	99.2	99.3	100.2
Machinery, except electrical	99.2	99.7	99.9	98.3	99.0	100.2	99.8	100.9	102.9	99.7	100.0	100.4
Electric and electronic equipment	99.2	99.5	100.0	98.2	99.4	100.0	100.2	101.0	102.4	99.5	100.1	100.3
Transportation equipment	98.6	100.0	100.0	99.0	98.7	99.3	101.0	101.1	104.1	93.6	99.7	100.1
Instruments and related products	99.1	99.7	100.0	98.6	99.4	99.9	100.2	101.5	101.9	99.1	100.2	100.4
Miscellaneous manufacturing ind	99.3	99.5	100.0	98.7	100.0	100.7	101.0	101.4	101.5	98.2	99.4	100.2
Nondurable goods[2]												
Food and kindred products	98.4	99.9	100.0	100.3	101.3	101.2	100.0	100.7	101.4	99.1	98.8	98.9
Tobacco manufactures	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Textile mill products	98.8	100.1	100.8	98.8	100.2	100.3	101.2	101.4	102.1	96.5	99.5	100.2
Apparel and other textile products	99.0	100.2	101.2	100.6	101.2	99.8	100.8	100.9	101.2	95.6	99.1	100.4
Paper and allied products	99.3	99.3	99.9	99.3	99.7	100.5	100.1	100.7	102.1	99.9	99.4	99.7
Printing and publishing	99.1	99.7	99.5	99.6	100.7	100.6	100.2	100.6	102.2	98.6	99.3	99.9
Chemicals and allied products	100.0	99.6	99.8	99.4	99.4	100.1	100.1	100.9	101.3	99.6	99.7	100.0
Petroleum and coal products[4]	99.9	99.6	100.3	101.5	100.3	103.2	102.1	101.8	99.7	97.5	97.0	97.3
Rubber and misc. plastic products	99.3	99.4	100.0	98.4	100.0	100.0	100.7	100.7	101.7	98.7	99.9	100.2
Leather and leather products	98.8	101.0	102.7	100.0	100.5	99.4	100.2	100.2	100.9	97.6	99.3	99.5
Transportation and public utilities	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Wholesale and retail trade[2]												
Wholesale trade	99.7	99.8	100.1	100.4	100.3	100.1	100.4	100.2	100.8	99.3	99.3	99.7
Retail trade	99.2	99.2	100.9	102.6	102.7	100.4	99.6	99.5	101.3	97.7	98.2	98.8
Finance, insurance, and real estate	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Services	99.5	99.4	100.4	101.5	101.2	99.7	99.8	99.7	100.0	99.3	99.7	99.7

[1] Data relate to production workers in mining and manufacturing; to construction workers in construction; and to nonsupervisory workers in transportation and public utilities; wholesale and retail trade; finance, insurance, and real estate; and services.

[2] Seasonally adjusted data derived by summation of components.

[3] The seasonal factors are not computed because the seasonal component is small relative to the trend-cycle and/or irregular components and consequently cannot be separated with sufficient precision.

[4] No ARIMA models identified to extend series for one year. Factors shown relate to data from latest year (April 1981-March 1982).

Table 12. Seasonal adjustment factors for average weekly overtime hours of production workers on manufacturing payrolls

Industry	1982									1983		
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
Manufacturing[1]												
Durable goods[2]	89.0	95.5	98.5	93.5	97.9	104.9	104.3	105.0	112.8	97.7	98.7	102.0
Nondurable goods	89.2	96.1	98.1	96.3	105.3	111.5	105.0	105.2	105.5	96.3	96.5	94.2

[1] Seasonally adjusted data derived by summation of components.

[2] No ARIMA models identified to extend series for one year. Factors shown relate to data from latest year (April 1981-March 1982).

Table 13. Seasonal adjustment factors for average hourly earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division

Industry	1982									1983		
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
Total private[2]												
Mining	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Construction	99.0	99.3	99.1	99.7	100.2	101.0	100.9	100.4	100.4	100.7	99.8	99.5
Manufacturing	99.8	99.7	99.8	99.9	99.3	100.3	100.0	100.0	100.8	100.5	99.9	100.0
Transportation and public utilities	99.6	99.3	99.0	99.9	100.3	100.9	100.5	100.8	100.4	100.1	100.0	99.1
Wholesale and retail trade	100.4	100.0	99.6	99.6	99.3	100.1	99.7	99.7	98.9	101.3	101.0	100.6
Finance, insurance, and real estate	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Services	100.2	100.0	99.1	98.7	98.6	99.7	100.1	100.6	100.2	101.2	101.0	100.7

[1] Data relate to production workers in mining and manufacturing; to construction workers in construction; and to nonsupervisory workers in transportation and public utilities; wholesale and retail trade; finance, insurance, and real estate; and services.

[2] Seasonally adjusted data derived by summation of components.

[3] The seasonal factors are not computed because the seasonal component is small relative to the trend-cycle and/or irregular components and consequently cannot be separated with sufficient precision.

Table 14. Seasonal adjustment factors for indexes of average hourly earnings adjusted for overtime (in manufacturing only) and interindustry employment shifts of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division

Industry	1982									1983		
	Apr.[2]	May[2]	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
Total private[3]												
Mining	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Construction	99.0	99.6	99.6	100.1	100.6	101.5	101.2	100.5	100.1	99.8	99.0	99.1
Manufacturing[3]												
Durable goods	100.0	99.8	100.0	99.9	99.5	100.0	100.1	100.1	100.5	100.2	99.9	99.9
Nondurable goods	100.1	99.8	99.7	100.1	99.8	100.0	99.9	99.9	100.1	100.4	100.2	100.0
Transportation and public utilities	99.7	99.3	98.8	99.6	100.0	101.0	100.5	100.8	100.5	100.2	100.2	99.4
Wholesale and retail trade[3]												
Wholesale trade	100.3	99.8	99.7	99.8	99.5	100.1	99.8	100.0	100.2	100.3	100.3	100.2
Retail trade	100.5	100.2	99.8	99.9	99.6	99.9	99.6	99.5	99.0	100.8	100.7	100.6
Finance, insurance, and real estate	100.3	99.9	99.8	99.8	99.7	99.6	99.5	100.0	99.6	100.4	101.1	100.4
Services	100.3	100.0	99.5	99.4	99.1	100.0	99.9	100.1	99.8	100.8	100.8	100.5

[1] Data relate to production workers in mining and manufacturing; to construction workers in construction; and to nonsupervisory workers in transportation and public utilities; wholesale and retail trade; finance, insurance, and real estate; and services.

[2] The seasonal factors for the April 1983 and May 1983 preliminary estimates will be those shown for April 1982 and May 1982.

[3] Seasonally adjusted data derived from components.

[4] The seasonal factors are not computed because the seasonal component is small relative to the trend-cycle and/or irregular components and consequently cannot be separated with sufficient precision.

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A-1. Employment status of the noninstitutional population 16 years and over, 1947 to date

(Numbers in thousands)

Year and month	Total noninstitutional population	Total labor force		Civilian labor force						Not in labor force
					Employed			Unemployed		
		Number	Percent of population	Total	Total	Agriculture	Nonagricultural industries	Number	Percent of labor force	
	Annual averages									
1947	103,416	60,941	58.9	59,350	57,038	7,890	49,148	2,311	3.9	42,477
1948	104,527	62,080	59.4	60,621	58,343	7,629	50,714	2,276	3.8	42,447
1949	105,611	62,903	59.6	61,286	57,651	7,658	49,993	3,637	5.9	42,739
1950	106,645	63,858	59.9	62,208	58,918	7,160	51,758	3,288	5.3	42,787
1951	107,721	65,117	60.4	62,017	59,961	6,726	53,235	2,355	3.8	42,604
1952[1]	108,823	65,730	60.4	62,138	60,250	6,533	53,749	1,883	3.0	43,093
1953	110,031	66,560	60.5	61,179	60,253	6,260	54,919	1,934	2.9	44,041
1954	111,671	66,993	60.0	58,643	59,109	6,205	53,904	3,532	5.5	44,678
1955	112,732	68,072	60.4	65,023	62,170	6,450	55,722	2,852	4.4	44,660
1956	113,811	69,409	61.0	66,552	63,799	6,283	57,516	2,750	4.1	44,402
1957	115,365	69,729	60.4	66,929	64,071	5,947	58,123	2,859	4.3	45,635
1958	116,363	70,275	60.4	67,639	63,036	5,586	57,453	4,632	6.9	46,088
1959	117,881	70,921	60.2	68,369	63,833	5,565	58,268	3,740	5.5	46,959
1960[1]	119,759	72,142	60.2	69,628	65,778	5,458	60,319	3,852	5.5	47,617
1961	120,343	73,031	60.2	70,459	65,746	5,233	60,545	4,714	6.7	47,312
1962	122,981	73,442	59.7	71,614	66,702	4,944	61,759	3,911	5.5	49,539
1963	125,134	74,571	59.6	71,833	67,762	4,687	63,076	4,070	5.7	50,563
1964	127,224	75,830	59.6	73,091	69,305	4,523	64,782	3,786	5.2	51,394
1965	129,236	77,178	59.7	74,455	71,088	4,361	66,725	3,366	4.5	52,059
1966	131,180	78,893	60.1	75,770	72,895	3,979	68,915	2,875	3.8	52,288
1967	133,319	80,793	60.6	77,347	74,372	3,844	70,527	2,975	3.8	52,527
1968	135,564	82,272	60.7	78,737	75,920	3,817	72,103	2,817	3.6	53,291
1969	137,841	84,240	61.1	80,734	77,902	3,606	74,296	2,832	3.5	53,602
1970	140,182	85,903	61.3	82,771	78,678	3,463	75,215	4,093	4.9	54,279
1971	142,383	87,196	61.3	84,382	79,367	3,394	75,972	5,016	5.9	55,186
1972[1]	144,526	88,944	61.5	87,034	82,153	3,484	78,668	4,882	5.6	57,081
1973[1]	147,096	91,750	61.6	89,429	85,064	3,470	81,594	4,365	4.9	57,847
1974	149,189	93,779	61.5	91,393	86,794	3,515	83,279	5,156	5.6	58,771
1975	151,153	95,455	61.3	93,775	85,846	3,408	82,438	7,929	8.5	59,377
1976	153,154	97,302	62.1	96,158	88,752	3,331	85,421	7,406	7.7	59,581
1977	156,150	101,142	62.5	99,009	92,017	3,283	88,733	6,991	7.1	63,025
1978[1]	164,027	104,368	63.6	102,251	96,048	3,387	92,661	6,232	6.1	59,659
1979	166,461	107,050	64.1	104,962	98,923	3,347	95,477	6,037	5.8	59,932
1980	169,849	109,042	64.2	105,938	99,303	3,364	95,983	7,637	7.1	60,836
1981	172,271	110,812	64.3	108,670	100,397	3,368	97,083	8,273	7.6	61,459
	Monthly data, seasonally adjusted[2]									
1981:										
January	171,956	111,423	64.8	109,203	101,345	3,425	97,843	8,248	7.5	60,533
February	172,172	111,565	64.8	109,434	101,430	3,368	97,862	8,334	7.6	60,608
March	172,355	111,647	64.8	109,598	101,594	3,382	97,542	7,924	7.2	60,708
April	172,559	111,778	64.8	109,816	101,863	3,434	97,435	7,978	7.3	60,781
May	172,758	111,659	64.6	109,994	101,656	3,358	97,933	8,338	7.6	61,099
June	172,986	111,773	64.6	110,172	101,772	3,379	98,965	8,569	8.0	61,797
July	173,145	111,922	64.6	110,272	101,772	3,372	98,933	9,130	8.3	61,724
August	173,382	111,948	64.6	110,184	99,913	3,239	95,934	8,571	8.0	61,992
1982:										
January	173,661	111,838	64.6	110,179	99,181	3,411	95,173	9,298	8.5	61,823
February	173,837	111,336	64.1	109,165	99,583	3,373	96,217	9,575	8.8	62,824
March	173,963	111,541	64.1	110,346	99,492	3,369	96,144	9,854	8.9	62,421
April	174,220	111,824	64.2	110,648	99,583	3,339	96,032	10,337	9.4	62,397
May	174,431	112,041	64.2	110,866	100,317	3,438	96,829	10,549	9.5	62,353

[1] Not strictly comparable with prior years. For an explanation, see "Historic Comparability" under Household Data section of Explanatory Notes.

[2] Because seasonality, by definition, does not exist in population figures, data for "total noninstitutional population" are not seasonally adjusted.

HOUSEHOLD DATA
HISTORICAL

A-2. Employment status of the noninstitutional population 16 years and over by sex, 1972 to date

(Numbers in thousands)

Sex, year, and month	Total noninstitutional population	Total labor force		Civilian labor force						Not in labor force
					Employed			Unemployed		
		Number	Percent of population	Total	Total	Agriculture	Nonagricultural industries	Number	Percent of labor force	
MALES				**Annual averages**						
1972[1]	70,241	55,981	79.7	53,555	50,896	2,949	47,947	2,659	5.0	14,261
1973[1]	71,557	56,900	79.5	54,624	52,389	2,947	49,502	2,235	4.2	14,657
1974	72,971	57,902	79.3	55,739	53,024	2,919	50,105	2,714	4.9	15,069
1975	74,383	58,890	79.2	56,439	51,857	2,824	49,032	4,582	7.9	15,493
1976	75,798	59,212	79.1	57,174	53,138	2,744	50,394	4,036	7.1	16,585
1977	77,211	60,414	79.2	58,336	54,729	2,671	52,057	3,607	6.3	16,797
1978[1]	78,569	61,813	78.4	59,620	56,479	2,719	53,761	3,142	5.3	16,755
1979	79,958	62,676	78.4	60,725	57,607	2,686	54,921	3,120	5.1	17,283
1980	81,341	63,396	77.9	61,453	57,186	2,724	54,477	4,267	6.9	17,945
1981	82,476	63,939	77.5	61,974	57,397	2,733	54,697	4,577	7.4	18,537
				Monthly data, seasonally adjusted[2]						
1981:										
July	82,324	64,317	78.1	62,364	57,783	2,725	55,059	4,571	7.3	18,007
August	82,425	63,947	77.6	61,934	57,279	2,734	54,545	4,655	7.5	18,478
September	82,529	63,771	77.3	61,811	57,043	2,595	54,448	4,771	7.7	18,758
October	82,633	63,936	77.4	61,936	57,351	2,738	54,613	4,585	7.4	18,697
November	82,737	63,963	77.3	61,977	57,671	2,687	54,984	4,526	7.3	18,747
December	82,837	64,040	77.3	62,066	57,266	2,715	54,551	4,788	7.7	18,767
1982:										
January	82,895	64,155	77.4	62,184	57,251	2,868	54,383	5,133	8.3	18,737
February	82,978	64,283	77.5	62,333	56,755	2,593	54,135	5,578	8.9	18,694
March	83,059	63,941	77.2	61,980	56,629	2,644	53,931	5,338	8.6	19,114
April	83,129	64,025	77.3	62,242	56,929	2,644	54,255	5,304	8.7	19,104
May	83,218	64,069	77.3	62,282	56,672	2,667	54,005	5,610	9.0	19,213
June	83,323	64,234	77.1	62,247	56,638	2,651	53,739	5,546	8.9	19,093
July	83,399	64,435	77.3	62,463	56,823	2,767	54,023	6,029	9.6	18,964
FEMALES				**Annual averages**						
1972[1]	79,333	33,522	42.3	33,479	31,257	884	30,566	2,222	6.6	45,811
1973[1]	77,855	34,455	44.3	34,034	32,115	922	31,093	1,919	5.6	43,333
1974	79,379	36,278	45.7	35,211	33,789	945	32,843	2,441	6.9	43,101
1975	80,949	37,585	46.4	37,475	33,989	984	33,004	3,486	9.3	43,364
1976	82,496	39,069	47.4	38,883	35,615	983	34,632	3,269	8.4	43,435
1977	84,055	40,728	48.5	40,513	37,266	982	36,284	3,324	8.2	43,327
1978[1]	85,459	42,755	50.0	42,421	39,388	959	38,430	3,361	7.9	42,704
1979	86,884	44,275	51.0	44,235	41,217	951	40,266	3,318	7.5	42,609
1980	88,507	45,648	51.6	45,487	42,117	959	41,158	3,371	7.4	42,861
1981	89,796	46,873	52.2	46,596	43,333	967	42,366	3,540	7.6	42,922
				Monthly data, seasonally adjusted[2]						
1981:										
July	89,682	47,185	52.6	46,929	43,252	977	42,575	3,677	7.8	42,497
August	89,784	46,918	52.3	46,743	43,151	994	42,157	3,592	7.7	42,827
September	89,886	47,056	52.4	46,877	43,224	948	42,276	3,653	7.8	42,822
October	89,988	47,084	52.3	46,882	43,289	965	42,323	3,593	7.7	42,804
November	90,091	46,699	51.8	46,587	42,767	971	42,115	3,820	8.2	43,392
December	90,194	47,129	52.3	46,948	43,277	963	42,414	3,671	7.8	43,065
1982:										
January	90,297	47,239	52.4	47,098	43,121	924	42,197	3,977	8.4	43,058
February	90,399	47,052	52.1	46,998	42,709	919	42,269	4,289	9.1	43,347
March	90,502	47,089	52.1	46,969	42,698	919	42,269	4,271	9.1	43,413
April	90,604	47,097	52.1	46,913	42,852	783	42,439	4,059	8.6	43,508
May	90,707	47,308	52.1	47,123	42,982	883	42,259	4,141	8.8	43,399
June	90,825	47,452	52.4	47,264	43,320	882	42,339	4,043	8.6	43,373
July	90,719	47,589	52.5	47,421	42,940	947	41,992	4,481	9.4	43,130
August	90,813	48,005	52.9	47,817	43,297	891	42,505	4,520	9.5	42,807

[1] Not strictly comparable with prior years. For an explanation, see "Historic Comparability" under Household Data section of Explanatory Notes.

[2] Because seasonality, by definition, does not exist in population figures, data for "total noninstitutional population" are not seasonally adjusted.

A-3. Employment status of the noninstitutional population by sex, age, and race

(Numbers in thousands)

Sex, age, and race	1st 1982										
	Total labor force		Civilian labor force				Not in labor force				
	Number	Percent of population	Total	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
					Number	Percent of labor force					
MALES											
16 years and over	64,422	77.8	52,435	56,737	3,369	3.1	14,987	332	4,682	1,511	10,441
16 to 21 years	8,253	65.9	7,523	6,344	1,570	23.7	4,253	29	3,716	23	511
16 to 19 years	4,726	57.7	4,433	3,428	1,312	22.6	3,435	22	3,113	14	294
16 to 17 years	1,816	46.3	1,636	1,332	464	24.5	2,129	14	2,007	7	196
18 to 19 years	2,910	69.3	2,796	2,396	550	21.3	1,306	9	1,123	11	161
20 to 64 years	57,792	89.1	50,384	51,450	4,598	9.2	7,459	129	1,492	1,398	4,554
20 to 24 years	9,295	85.1	8,521	7,229	1,292	15.2	1,626	21	1,078	34	487
25 to 54 years	41,301	94.4	40,338	37,397	2,942	7.3	2,433	57	407	371	1,424
25 to 29 years	9,593	94.2	9,205	8,248	958	10.4	593	13	253	54	274
30 to 34 years	8,644	96.3	8,380	7,819	553	7.7	326	4	74	25	283
35 to 39 years	7,257	96.1	7,033	6,580	487	6.9	287	4	43	44	195
40 to 44 years	5,744	94.7	5,533	5,343	313	5.5	336	11	22	44	123
45 to 49 years	5,081	93.2	4,972	4,728	244	4.9	347	6	11	133	223
50 to 54 years	4,865	89.5	4,866	4,581	277	5.7	554	14	6	114	372
55 to 59 years	3,285	70.2	3,234	3,040	193	6.0	1,226	43	7	479	2,472
55 to 59 years	4,482	82.7	4,451	4,214	247	5.5	934	18	5	440	685
60 to 64 years	2,743	57.2	2,743	2,527	116	4.2	2,372	33	2	237	1,784
65 years and over	1,934	16.4	1,934	1,843	91	4.7	6,442	184	--	491	7,769
65 to 69 years	1,296	28.3	1,296	1,238	58	4.5	2,819	43	--	199	2,583
70 years and over	838	12.3	838	775	33	4.1	3,624	141	--	439	5,183
White											
16 years and over	56,708	78.1	45,781	49,769	4,432	9.0	12,933	276	4,579	1,213	10,859
16 to 21 years	7,153	68.6	6,553	5,434	1,218	18.6	3,295	19	2,986	19	851
16 to 19 years	4,163	61.3	3,903	3,106	794	20.3	2,524	14	2,337	11	233
16 to 17 years	1,652	50.6	1,544	1,276	265	17.2	1,611	8	1,542	3	77
18 to 19 years	2,511	71.3	2,359	1,930	429	18.2	914	5	795	8	774
20 to 64 years	50,821	88.9	43,497	45,896	3,602	7.3	5,729	182	1,174	943	3,431
20 to 24 years	7,947	88.4	7,382	6,438	944	12.8	1,034	23	894	22	194
25 to 54 years	36,321	95.2	33,364	33,146	2,218	6.6	1,829	45	278	429	1,043
25 to 34 years	16,855	95.8	15,360	14,210	1,150	7.5	737	12	217	97	393
35 to 44 years	11,474	98.8	11,243	10,928	615	5.5	449	17	44	191	251
45 to 54 years	8,792	92.5	8,762	8,227	453	5.2	643	16	16	241	400
55 to 64 years	6,554	71.3	6,332	5,642	333	4.7	2,537	37	4	393	2,203
55 to 59 years	4,649	82.3	4,568	4,344	284	5.4	793	15	4	193	582
60 to 64 years	2,524	57.2	2,524	2,388	136	4.2	1,744	23	--	233	1,488
65 years and over	1,724	14.3	1,724	1,687	37	2.1	7,377	152	--	439	7,824
Black and other											
16 years and over	7,714	71.3	7,254	6,968	1,286	17.8	2,233	56	1,032	341	1,582
16 to 21 years	1,101	52.7	970	910	259	27.8	958	10	729	4	213
16 to 19 years	563	41.3	530	322	208	39.3	911	8	776	4	124
16 to 17 years	163	28.7	154	96	58	37.7	418	5	403	1	89
18 to 19 years	400	59.9	376	226	150	39.9	493	3	373	3	114
20 to 64 years	6,471	82.2	6,155	5,570	855	13.9	1,199	44	319	294	542
20 to 24 years	1,338	78.3	1,139	791	348	30.5	356	8	184	33	131
25 to 54 years	4,980	88.7	4,775	4,151	625	13.1	694	32	119	241	301
25 to 34 years	2,279	84.7	2,225	1,994	231	10.4	282	8	105	43	126
35 to 44 years	1,520	93.5	1,492	1,315	165	11.1	158	5	10	46	97
45 to 54 years	1,075	84.1	1,073	882	85	8.2	238	5	3	54	133
55 to 64 years	851	63.9	851	595	53	5.1	149	14	1	20	249
55 to 59 years	613	74.5	613	359	49	13.5	141	4	1	17	97
60 to 64 years	239	51.2	239	229	13	4.1	228	9	1	44	171
65 years and over	180	17.5	183	156	24	15.5	551	24	--	94	744

A-3. Employment status of the noninstitutional population by sex, age, and race—Continued

[Numbers in thousands]

Sex, age, and race	May 1982										
	Total labor force		Civilian labor force				Not in labor force				
	Number	Percent of population	Total	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
					Number	Percent of labor force					
FEMALES											
16 years and over	47,667	52.5	47,479	43,191	4,288	9.0	43,146	31,535	4,511	1,131	5,859
16 to 21 years	6,733	55.9	6,665	5,390	1,275	19.1	5,539	1,254	3,739	12	531
16 to 19 years	3,955	49.9	3,928	3,047	882	22.4	3,889	329	3,157	5	373
16 to 17 years	1,473	38.5	1,472	1,102	370	25.1	2,354	153	2,086	--	115
18 to 19 years	2,482	60.1	2,455	1,944	512	20.8	1,535	175	1,070	4	185
20 to 64 years	42,455	62.5	42,293	38,942	3,352	7.9	25,435	21,229	1,349	535	2,323
20 to 24 years	7,445	68.9	7,356	6,413	944	12.8	3,350	2,360	903	31	395
25 to 54 years	33,137	66.4	33,067	29,990	2,177	7.2	15,260	13,306	429	252	1,073
25 to 29 years	7,033	68.2	6,986	6,293	693	9.9	3,290	2,368	176	39	195
30 to 34 years	6,295	66.9	6,278	5,791	487	7.8	3,123	2,793	100	23	239
35 to 39 years	5,245	67.2	5,241	4,919	322	6.1	2,556	2,255	73	39	193
40 to 44 years	4,344	68.9	4,343	4,066	277	6.4	1,975	1,778	49	33	115
45 to 49 years	3,796	67.8	3,796	3,590	205	5.4	1,870	1,686	17	53	127
50 to 54 years	3,424	56.2	3,424	3,231	193	5.6	2,456	2,146	14	61	235
55 to 64 years	4,872	41.7	4,872	4,641	231	4.7	6,815	5,564	16	252	883
55 to 59 years	3,030	53.3	3,033	2,850	144	4.8	3,333	2,373	9	139	345
60 to 64 years	1,842	32.9	1,842	1,755	87	4.7	3,782	3,393	7	143	539
65 years and over	1,257	8.4	1,257	1,232	24	1.9	13,722	9,378	6	592	3,746
65 to 69 years	770	15.7	770	735	35	4.5	4,128	3,183	3	113	829
70 years and over	488	4.3	486	467	19	4.0	9,594	6,194	4	479	2,917
White											
16 years and over	40,966	52.3	40,833	37,599	3,233	7.9	37,331	27,891	3,457	995	4,988
16 to 21 years	5,926	56.5	5,879	4,906	973	16.5	4,213	983	2,863	4	361
16 to 19 years	3,514	53.5	3,495	2,813	682	19.5	3,363	408	2,811	3	213
16 to 17 years	1,329	42.2	1,327	1,027	300	22.7	1,523	127	1,638	--	83
18 to 19 years	2,185	64.2	2,168	1,786	382	17.6	1,220	282	803	4	130
20 to 64 years	30,327	62.5	30,212	28,781	2,431	8.0	23,824	19,537	1,061	818	1,848
20 to 24 years	6,403	70.9	6,339	5,658	682	10.8	2,625	1,852	707	22	245
25 to 54 years	23,595	66.1	23,543	21,925	1,618	6.9	13,134	11,760	320	699	861
25 to 34 years	11,224	67.3	11,173	10,350	822	7.4	5,435	4,807	205	49	335
35 to 44 years	8,127	67.3	8,122	7,653	470	5.8	3,934	3,592	93	57	242
45 to 54 years	6,244	62.3	6,243	5,917	326	5.2	3,779	3,351	22	93	313
55 to 64 years	4,330	41.7	4,332	4,127	232	4.7	5,361	5,106	15	199	743
55 to 59 years	2,695	50.3	2,695	2,559	136	4.7	2,685	2,295	9	93	289
60 to 64 years	1,635	32.5	1,633	1,559	76	4.7	2,676	2,810	5	106	453
65 years and over	1,125	8.3	1,125	1,075	50	4.4	12,483	8,385	3	472	2,891
Black and other											
16 years and over	6,700	53.4	6,646	5,592	1,054	15.9	5,845	3,644	1,053	236	911
16 to 21 years	807	38.4	785	494	302	38.5	1,236	275	879	9	183
16 to 19 years	461	31.9	433	233	200	45.2	946	120	745	--	81
16 to 17 years	144	21.3	143	75	69	47.9	531	46	478	--	26
18 to 19 years	298	41.9	290	158	131	45.4	415	93	267	--	55
20 to 64 years	6,127	64.3	6,081	5,231	849	14.0	3,610	2,713	307	197	474
20 to 24 years	1,042	56.7	1,017	753	262	25.8	735	498	196	9	121
25 to 54 years	4,543	66.2	4,524	3,965	559	12.4	2,121	1,746	109	53	212
25 to 34 years	2,104	67.9	2,080	1,729	357	17.1	997	815	72	13	103
35 to 44 years	1,983	71.7	1,962	1,832	129	6.8	577	471	29	14	63
45 to 54 years	978	64.1	975	904	72	7.4	548	453	9	29	52
55 to 64 years	543	41.9	543	514	29	5.3	754	550	2	54	149
55 to 59 years	335	47.6	335	317	18	5.3	338	275	--	28	35
60 to 64 years	208	35.0	208	197	11	5.2	396	283	2	25	75
65 years and over	132	9.3	132	127	5	3.6	1,239	912	1	123	356

A-4. Labor force by sex, age, and race

Sex, age, and race	Total labor force				Civilian labor force			
	Thousands of persons		Participation rates		Thousands of persons		Participation rates	
	May 1981	May 1982	May 1981	May 1982	May 1981	May 1982	May 1981	May 1982
MALES								
16 years and over	63,951	64,622	77.7	77.3	61,998	62,435	77.1	76.7
16 to 19 years	4,941	4,726	58.8	57.9	4,661	4,463	57.4	56.3
16 to 17 years	1,881	1,819	45.5	43.3	1,758	1,805	45.4	43.9
18 to 19 years	3,060	2,913	71.6	69.0	2,782	2,661	69.7	67.1
20 to 24 years	9,383	9,295	85.4	85.1	9,041	8,921	85.4	84.3
25 to 54 years	40,468	41,331	96.6	96.4	39,339	40,339	96.4	96.2
25 to 34 years	18,136	18,484	95.4	95.1	17,513	17,785	95.1	94.9
35 to 44 years	12,366	13,330	95.5	95.6	12,099	12,723	95.4	95.5
45 to 54 years	9,966	9,857	91.9	91.5	9,731	9,831	91.9	91.3
55 to 64 years	7,258	7,235	71.6	70.8	7,237	7,204	71.6	70.5
55 to 59 years	4,460	4,452	82.2	82.7	4,428	4,451	82.2	82.7
60 to 64 years	2,798	2,783	59.4	57.3	2,738	2,743	59.4	57.3
65 years and over	1,901	1,934	16.8	16.4	1,921	1,904	16.8	16.4
White								
16 years and over	56,411	56,738	78.5	78.1	54,905	55,181	78.1	77.6
16 to 19 years	4,321	4,183	61.8	61.3	4,106	3,963	59.6	59.1
16 to 17 years	1,661	1,532	48.4	50.3	1,653	1,644	44.2	50.2
18 to 19 years	2,660	2,311	74.7	71.5	2,456	2,315	73.1	73.3
20 to 24 years	8,365	7,967	87.9	86.4	7,514	7,382	87.1	85.3
25 to 54 years	35,680	36,321	96.4	96.2	34,938	35,584	96.3	96.1
25 to 34 years	15,846	16,035	96.2	95.9	15,439	15,560	96.1	95.8
35 to 44 years	10,916	11,674	96.4	96.3	10,692	11,243	96.3	96.2
45 to 54 years	8,918	8,792	92.9	92.6	8,787	8,783	92.9	92.6
55 to 64 years	6,627	6,533	72.5	71.3	6,526	6,552	72.5	71.3
55 to 59 years	4,073	4,049	83.4	83.6	4,372	4,045	83.4	83.6
60 to 64 years	2,554	2,524	54.9	57.9	2,554	2,504	57.9	57.5
65 years and over	1,720	1,724	15.8	15.5	1,723	1,704	15.8	15.5
Black and other								
16 years and over	7,540	7,734	72.3	71.3	7,094	7,254	72.7	73.3
16 to 19 years	620	583	44.1	41.3	555	508	41.4	38.7
16 to 17 years	220	153	31.6	24.7	218	162	31.5	24.8
18 to 19 years	400	430	56.2	56.1	337	345	51.9	52.5
20 to 24 years	1,120	1,328	78.7	78.5	1,127	1,139	79.4	79.7
25 to 54 years	4,788	4,983	88.6	88.7	4,531	4,775	88.2	88.3
25 to 34 years	2,290	2,377	82.1	82.7	2,150	2,225	82.5	82.1
35 to 44 years	1,451	1,656	93.5	93.5	1,408	1,483	93.2	93.3
45 to 54 years	1,048	1,075	94.5	94.1	1,044	1,073	94.5	94.1
55 to 64 years	631	551	66.1	63.9	631	651	66.1	63.9
55 to 59 years	387	413	74.3	74.5	386	413	73.9	74.3
60 to 64 years	244	239	58.7	51.2	244	239	58.7	51.2
65 years and over	181	183	18.3	17.5	181	183	18.3	17.5

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A-4. Labor force by sex, age, and race—Continued

Sex, age, and race	Total labor force				Civilian labor force			
	Thousands of persons		Participation rates		Thousands of persons		Participation rates	
	May 1981	May 1982	May 1981	May 1982	May 1981	May 1982	May 1981	May 1982
FEMALES								
16 years and over	46,761	47,567	52.2	52.5	45,538	47,473	52.1	52.4
16 to 19 years	4,139	3,935	53.6	49.8	4,113	3,928	53.4	49.6
16 to 17 years	1,636	1,473	40.9	38.5	1,635	1,472	40.8	38.5
18 to 19 years	2,503	2,462	59.0	60.3	2,474	2,455	58.7	60.2
20 to 24 years	7,415	7,445	68.7	68.9	7,331	7,354	68.5	68.6
25 to 54 years	29,160	30,137	65.6	66.4	29,399	30,067	66.1	66.3
25 to 34 years	12,941	13,328	66.9	67.6	12,836	13,269	66.8	67.4
35 to 44 years	9,010	9,593	67.0	67.9	9,005	9,584	67.0	67.9
45 to 54 years	7,209	7,220	62.0	62.5	7,238	7,219	62.0	62.5
55 to 64 years	4,847	4,872	41.8	41.7	4,847	4,872	41.8	41.7
55 to 59 years	3,017	3,033	49.5	50.0	3,017	3,033	49.5	50.0
60 to 64 years	1,830	1,842	33.3	32.8	1,830	1,842	33.3	32.8
65 years and over	1,201	1,257	8.2	8.4	1,201	1,257	8.2	8.4
White								
16 years and over	40,839	40,966	52.1	52.3	40,213	40,833	52.0	52.3
16 to 19 years	3,697	3,514	54.3	53.6	3,677	3,495	54.1	53.5
16 to 17 years	1,490	1,329	44.7	42.2	1,493	1,329	44.5	42.2
18 to 19 years	2,207	2,185	64.5	64.2	2,187	2,166	63.9	64.0
20 to 24 years	6,356	6,403	73.6	73.9	6,287	6,339	73.4	73.7
25 to 54 years	24,881	25,395	65.4	66.1	24,836	25,543	65.4	66.2
25 to 34 years	10,929	11,224	66.7	67.5	10,889	11,179	66.7	67.4
35 to 44 years	7,696	8,127	66.7	67.3	7,692	8,122	66.7	67.3
45 to 54 years	6,256	6,244	61.8	62.3	6,256	6,243	61.8	62.3
55 to 64 years	4,322	4,333	41.8	41.7	4,322	4,333	41.8	41.7
55 to 59 years	2,695	2,695	49.8	50.3	2,695	2,695	49.8	50.3
60 to 64 years	1,627	1,635	33.0	32.5	1,627	1,635	33.0	32.5
65 years and over	1,081	1,125	8.2	8.3	1,081	1,125	8.2	8.3
Black and other								
16 years and over	5,963	6,733	52.7	53.4	5,375	6,045	52.6	53.2
16 to 19 years	442	441	32.4	31.8	433	433	31.4	31.4
16 to 17 years	146	144	21.8	21.3	145	143	21.6	21.1
18 to 19 years	296	298	42.4	41.8	287	291	41.2	41.1
20 to 24 years	1,057	1,042	59.4	58.7	1,033	1,015	58.4	58.3
25 to 54 years	4,278	4,743	66.8	66.2	4,262	4,524	66.7	66.1
25 to 34 years	2,012	2,104	67.5	67.9	1,997	2,085	67.3	67.7
35 to 44 years	1,314	1,466	58.7	71.7	1,313	1,462	63.7	71.7
45 to 54 years	952	975	62.9	64.1	952	975	62.9	64.1
55 to 64 years	525	544	42.1	41.9	525	543	42.1	41.9
55 to 59 years	323	339	47.3	47.6	323	339	47.3	47.5
60 to 64 years	203	206	35.3	35.3	203	204	35.3	35.3
65 years and over	121	132	8.8	9.3	121	132	8.8	9.3

READEX FICHE

A-5. Employment status of black workers by sex and age

[Numbers in thousands]

Sex and age	1st 1982						
	Civilian labor force						Not in labor force
	Total	Employed			Unemployed		
		Total	Agriculture	Nonagricultural industries	Number	Percent of labor force	
TOTAL							
16 years and over	11,174	9,167	208	8,959	2,007	14.0	7,359
16 to 19 years	772	398	22	377	373	48.4	1,483
16 to 17 years	241	113	11	102	128	53.1	592
18 to 19 years	531	285	11	274	246	46.3	891
20 to 24 years	1,775	1,266	19	1,253	510	28.7	917
25 to 54 years	7,394	6,372	127	6,244	1,022	13.8	1,159
25 to 34 years	3,449	2,821	45	2,757	628	18.2	959
35 to 44 years	2,313	2,071	44	2,026	242	10.5	559
45 to 54 years	1,631	1,500	38	1,461	131	8.0	632
55 to 64 years	980	903	28	875	77	7.8	952
55 to 59 years	609	553	19	535	56	9.2	410
60 to 64 years	370	350	10	340	20	5.5	542
65 years and over	254	229	13	217	25	10.1	1,856
Males							
16 years and over	5,240	4,664	161	4,503	1,076	18.7	2,524
16 to 19 years	412	216	14	202	195	47.3	536
16 to 17 years	125	57	7	49	68	54.4	453
18 to 19 years	287	159	7	153	128	44.6	253
20 to 24 years	922	644	9	634	278	29.7	249
25 to 54 years	3,744	3,208	94	3,113	535	14.3	508
25 to 34 years	1,766	1,442	30	1,433	325	18.4	206
35 to 44 years	1,149	1,032	31	979	118	10.2	126
45 to 54 years	826	755	29	726	71	8.6	177
55 to 64 years	520	477	28	449	51	9.7	329
55 to 59 years	338	296	18	278	42	12.4	119
60 to 64 years	189	181	10	171	8	4.4	201
65 years and over	136	114	15	100	22	16.2	710
Females							
16 years and over	5,934	4,503	47	4,456	933	17.1	4,834
16 to 19 years	360	182	8	174	178	49.5	757
18 to 17 years	116	56	4	53	60	51.5	939
18 to 19 years	244	125	4	121	118	48.5	348
20 to 24 years	853	623	7	617	231	27.1	668
25 to 54 years	3,650	3,164	33	3,131	487	13.3	1,651
25 to 34 years	1,683	1,379	11	1,369	303	18.1	753
35 to 44 years	1,164	1,038	13	1,027	126	9.0	433
45 to 54 years	805	745	13	732	60	7.5	465
55 to 64 years	452	426	--	427	25	5.7	624
55 to 59 years	271	257	--	257	14	5.2	291
60 to 64 years	181	168	--	173	12	6.5	321
65 years and over	118	114	--	113	4	3.7	1,146

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A-6. Employment status of the noninstitutional population by race, sex, and age

(Numbers in thousands)

Employment status and race	Total		Males, 20 years and over		Females, 20 years and over		Both sexes, 16-19 years	
	May 1981	May 1982	May 1981	May 1982	May 1981	May 1982	May 1981	May 1982
TOTAL								
Total noninstitutional population	171,355	174,231	73,924	75,227	81,853	82,906	15,579	15,9
Total labor force	113,713	112,089	59,011	59,093	42,623	43,712	9,980	9,5
Percent of population	66.4	64.3	79.8	78.6	52.3	52.7	64.1	59.8
Civilian labor force	108,536	109,914	57,338	57,963	42,474	43,553	8,770	8,3
Employed	100,955	99,957	53,937	53,809	39,775	40,144	7,143	6,9
Agriculture	3,497	3,589	2,937	2,913	581	564	429	4
Nonagricultural industries	97,459	96,368	51,001	50,896	39,193	39,580	6,713	6,5
Unemployed	7,581	9,957	3,400	4,059	2,733	3,409	1,627	1,4
Percent of labor force	7.1	9.1	5.9	7.0	6.4	7.8	18.6	16.8
Not in labor force	57,243	62,113	14,913	16,581	39,230	39,157	7,598	7,4
White								
Total noninstitutional population	149,832	153,911	64,853	66,852	71,542	71,713	13,437	13,3
Total labor force	99,753	97,674	52,093	52,385	38,942	37,452	8,818	7,8
Percent of population	66.6	64.7	80.3	78.5	54.4	52.2	65.6	58.1
Civilian labor force	93,187	95,038	50,799	51,421	38,935	37,337	7,784	7,4
Employed	86,734	85,848	48,141	47,583	36,319	34,786	6,475	5,9
Agriculture	3,231	3,339	2,724	2,713	534	508	439	3
Nonagricultural industries	83,503	82,509	45,417	44,869	35,823	34,278	6,036	5,5
Unemployed	6,453	7,655	2,657	3,839	2,616	2,551	1,309	1,4
Percent of labor force	6.9	8.1	5.2	7.1	6.7	6.8	16.8	14.
Not in labor force	50,079	53,236	12,763	14,511	32,600	34,257	5,619	5,6
Black and other								
Total noninstitutional population	21,524	20,321	9,070	8,421	10,311	11,159	2,142	2,5
Total labor force	13,960	14,414	6,923	7,151	3,681	6,259	1,162	1,3
Percent of population	64.8	61.9	76.3	79.3	55.3	56.1	54.2	56.
Civilian labor force	13,469	13,932	6,539	6,762	3,642	5,213	988	9
Employed	11,721	11,610	5,745	5,725	3,237	5,358	668	9
Agriculture	265	281	212	200	47	56	21	2
Nonagricultural industries	11,456	11,329	5,534	5,527	3,225	5,302	647	9
Unemployed	1,747	2,241	793	1,023	385	554	320	4
Percent of labor force	13.0	16.5	11.4	15.1	11.5	13.9	32.4	44.
Not in labor force	5,561	5,876	2,153	2,220	6,630	4,849	1,710	1,7

A-7. Employment status of the noninstitutional population 16 to 21 years of age by major activity, sex, and race

(Numbers in thousands)

Employment status and major activity	May 1982								
	Total			White			Black and other		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
TOTAL									
Total noninstitutional population	24,773	12,536	12,242	20,583	10,449	10,139	4,190	2,087	2,103
Total labor force	14,997	8,253	6,733	13,079	7,153	5,926	1,908	1,101	807
Percent of population	60.5	65.8	55.0	63.5	68.5	58.5	45.5	52.7	38.4
Civilian labor force	14,235	7,620	6,615	12,547	6,668	5,879	1,736	952	785
Employed	11,434	6,344	5,090	10,338	5,402	4,936	1,376	942	434
Agriculture	579	480	99	545	456	89	33	24	9
Nonagricultural industries	10,855	5,864	5,291	9,812	4,946	4,865	1,343	859	475
Unemployed	2,851	1,276	1,275	2,139	1,216	923	864	459	332
Looking for full-time work	2,055	1,184	871	1,535	895	641	519	289	230
Looking for part-time work	796	392	404	653	321	332	143	73	72
Percent of labor force	20.0	20.7	19.1	17.4	18.2	16.5	38.1	37.8	38.5
Not in labor force	9,791	4,283	5,509	7,533	3,296	4,213	2,282	985	1,296
Major activity: going to school									
Civilian labor force	6,511	3,327	3,185	6,314	3,279	3,035	497	247	253
Employed	3,442	1,742	1,700	3,137	1,623	1,514	255	119	135
Agriculture	215	184	32	202	174	28	13	10	3
Nonagricultural industries	3,226	1,559	1,668	2,935	1,449	1,486	242	109	132
Unemployed	1,070	585	485	827	456	371	243	129	114
Looking for full-time work	417	228	189	287	159	127	120	63	56
Looking for part-time work	653	361	291	540	296	243	123	65	59
Percent of labor force	23.7	25.1	22.4	20.5	21.9	19.1	48.8	51.9	45.9
Not in labor force	7,454	3,716	3,738	5,757	2,935	2,853	1,687	839	874
Major activity: other									
Civilian labor force	9,773	5,293	4,480	8,583	4,589	3,944	1,240	704	536
Employed	7,992	4,602	3,690	7,201	3,829	3,382	821	473	348
Agriculture	363	296	67	344	282	62	20	14	5
Nonagricultural industries	7,629	4,306	3,323	6,857	3,547	3,310	802	459	343
Unemployed	1,781	991	790	1,382	760	622	419	231	188
Looking for full-time work	1,248	803	588	1,248	735	514	399	225	174
Looking for part-time work	133	31	102	114	45	69	19	5	14
Percent of labor force	18.2	18.7	17.6	16.1	16.6	15.8	33.8	32.8	35.1
Not in labor force	2,333	567	1,771	1,742	389	1,353	595	177	419

A-8. Full- and part-time status of the civilian labor force by sex, age, and race

(Numbers in thousands)

Sex, age, and race	[illegible]	Full-time labor force				Part-time labor force			
	Total	Employed		Unemployed (looking for full-time work)		Total	Employed on voluntary part time[1]	Unemployed (looking for part-time work)	
		Full-time schedules[1]	Part time for economic reasons	Number	Percent of full-time labor force			Number	Percent of part-time labor force
TOTAL									
Both sexes, 16 years and over	92,493	77,141	5,328	8,344	8.1	15,421	15,309	1,413	8.6
16 to 21 years	8,620	5,377	1,158	2,055	23.8	5,665	4,869	796	13.9
16 to 19 years	3,874	2,328	546	1,295	31.1	4,532	3,936	687	15.2
16 to 17 years	688	233	136	321	43.7	2,591	2,098	493	19.0
18 to 19 years	3,186	1,792	510	884	27.7	1,931	1,738	194	10.0
20 years and over	69,619	71,119	3,152	7,339	8.2	11,889	11,173	726	6.1
20 to 24 years	13,642	11,427	1,154	2,982	14.9	2,433	2,029	204	9.2
25 years and over	75,977	65,692	3,978	5,827	7.3	9,865	9,145	521	5.4
25 to 54 years	63,708	55,793	3,230	4,720	7.4	6,533	6,239	339	6.0
55 years and over	12,209	10,893	729	987	8.3	3,029	2,906	122	4.0
Males, 16 years and over	57,133	49,069	2,956	5,114	8.9	5,297	4,742	555	10.5
16 to 21 years	4,889	3,302	593	1,184	24.2	2,731	2,339	392	14.4
16 to 19 years	2,187	1,381	350	456	33.3	2,281	1,926	356	15.5
20 years and over	54,952	47,883	2,636	4,658	9.1	5,015	2,816	201	6.7
20 to 24 years	7,681	6,813	631	1,235	15.1	843	782	57	6.8
25 years and over	47,269	41,071	1,975	3,424	6.8	2,177	2,033	144	6.6
25 to 54 years	39,427	34,742	1,627	2,859	7.3	911	828	83	9.1
55 years and over	7,842	7,131	347	565	6.7	1,265	1,205	60	4.7
Females, 16 years and over	35,359	32,072	2,352	3,230	9.4	11,125	10,567	858	7.7
16 to 21 years	3,731	2,315	565	871	23.3	2,934	2,530	404	13.8
16 to 19 years	1,687	846	286	549	32.5	2,252	1,905	333	14.8
20 years and over	24,667	23,233	2,556	2,681	8.3	8,893	8,357	525	5.9
20 to 24 years	5,961	4,612	552	797	13.4	1,590	1,246	167	10.6
25 years and over	28,706	24,619	2,335	2,884	7.3	7,489	7,111	378	5.0
25 to 54 years	24,341	20,953	1,823	1,961	7.5	5,725	5,412	315	5.5
55 years and over	4,366	3,792	391	222	5.1	1,763	1,720	43	3.6
White									
Males, 16 years and over	50,472	43,333	2,530	3,881	7.7	4,739	4,258	481	9.6
16 to 21 years	4,211	2,752	550	885	21.3	2,457	2,136	321	13.1
16 to 19 years	1,890	1,071	314	505	29.7	2,273	1,761	289	14.0
20 years and over	48,582	42,332	2,194	3,476	7.2	2,434	2,477	162	6.2
20 to 24 years	6,645	5,191	545	927	14.3	737	690	47	6.3
25 years and over	41,936	37,729	1,668	2,549	6.4	1,932	1,787	115	6.1
25 to 54 years	34,802	31,185	1,373	2,245	6.7	754	691	73	9.6
55 years and over	7,137	6,543	298	333	4.7	1,178	1,096	44	3.9
Females, 16 years and over	30,649	25,701	2,159	2,329	8.3	10,193	9,479	735	6.9
16 to 21 years	3,220	2,093	487	641	23.4	2,658	2,327	332	12.5
16 to 19 years	1,459	772	279	408	29.3	2,237	1,963	274	13.5
20 years and over	27,191	24,992	2,350	2,121	7.8	9,347	7,716	431	5.3
20 to 24 years	5,095	4,066	457	564	11.1	1,242	1,124	118	9.5
25 years and over	24,092	23,924	1,813	1,557	6.5	8,935	6,592	313	4.5
25 to 54 years	20,228	17,558	1,510	1,361	6.7	5,315	5,058	257	4.8
55 years and over	3,864	3,353	232	196	5.1	1,541	1,535	55	3.5
Black and other									
Males, 16 years and over	6,966	5,989	448	1,133	17.3	568	484	104	17.6
16 to 21 years	678	386	83	289	42.9	274	203	70	25.8
16 to 19 years	297	133	36	151	53.7	211	145	65	31.0
20 years and over	6,369	4,976	412	982	15.4	377	339	38	10.2
20 to 24 years	1,036	623	135	309	29.7	133	92	11	13.3
25 years and over	5,333	4,352	337	674	12.9	275	247	29	10.2
25 to 54 years	4,627	3,757	257	613	13.2	149	137	12	8.1
55 years and over	706	595	50	61	8.9	127	110	17	13.4
Females, 16 years and over	5,735	4,311	493	931	15.5	961	788	153	16.3
16 to 21 years	511	222	58	232	45.1	275	203	72	26.2
16 to 19 years	245	73	17	141	52.3	235	146	59	28.6
20 years and over	5,477	4,241	476	764	13.7	736	642	95	12.8
20 to 24 years	869	583	85	233	23.9	152	122	33	19.5
25 years and over	4,613	3,695	391	528	11.4	585	520	65	11.1
25 to 54 years	4,111	3,498	313	501	12.2	482	359	58	10.1
55 years and over	502	397	78	27	5.4	173	166	7	4.0

[1] Employed persons with a job but not at work are distributed proportionately among the full- and part-time employed categories.

A-9. Employment status of the noninstitutional population by family relationship

[Numbers in thousands]

Family relationship	May 1982									
	Civilian labor force					Not in labor force				
	Total	Percent of population	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
				Number	Percent of labor force					
Total, 16 years and over	109,914	63.9	99,597	9,957	9.1	62,113	31,967	9,113	2,722	18,310
Husbands	39,810	80.2	37,502	2,308	5.8	9,816	111	191	936	8,579
With employed wife	22,017	92.0	20,885	1,131	5.1	1,922	41	121	310	1,450
With unemployed wife	1,526	92.4	1,219	307	20.1	125	3	5	37	80
With wife not in labor force	16,267	67.7	15,397	869	5.3	7,769	67	64	589	7,049
Wives	25,591	51.6	23,939	1,651	6.5	24,036	21,405	285	311	2,035
With employed husband	22,105	58.9	20,885	1,219	5.5	15,397	14,258	245	87	807
With unemployed husband	1,439	62.3	1,131	307	21.4	869	813	5	11	41
With husband not in labor force	2,047	20.9	1,922	125	6.1	7,769	6,334	35	213	1,187
Relatives in married-couple families	13,616	61.3	11,214	2,402	17.6	8,583	983	5,867	278	1,455
16 to 19 years	5,713	53.3	4,532	1,181	20.7	4,997	141	4,513	10	332
20 to 24 years	5,130	73.8	4,311	819	16.0	1,825	183	1,238	28	376
25 years and over	2,773	61.2	2,371	402	14.5	1,761	659	116	240	747
Females who maintain families	5,681	59.9	5,052	630	11.1	3,810	2,916	131	145	618
Relatives in families maintained by females	4,728	56.5	3,604	1,123	23.8	3,635	780	1,673	254	928
16 to 19 years	1,416	46.9	975	441	31.2	1,606	91	1,344	8	162
20 to 24 years	1,510	71.2	1,128	381	25.3	612	119	280	24	189
25 years and over	1,802	56.0	1,501	301	16.7	1,417	570	49	222	577
Males who maintain families	1,874	77.1	1,718	157	8.4	558	23	33	64	437
Relatives in families maintained by males	1,466	59.7	1,225	241	16.4	991	378	295	62	257
16 to 19 years	301	52.9	225	76	25.3	268	14	215	–	39
20 to 24 years	424	77.6	343	81	19.2	122	32	67	1	22
25 years and over	741	55.2	657	84	11.3	601	332	13	61	196
Persons living alone	10,562	54.2	9,843	719	6.8	8,932	4,814	230	334	3,554
Males	5,434	71.9	4,970	464	8.5	2,125	108	137	216	1,665
Females	5,128	43.0	4,873	255	5.0	6,808	4,707	93	118	1,889
All others[1]	6,386	79.0	5,886	726	11.4	1,732	337	408	136	847

[1] The majority of these persons are living with nonrelatives. Also included are persons in married-couple families where the husband is in the Armed Forces, persons in secondary families, and some whose family status is unknown.

A-10. Unemployed persons by marital status, race, age, and sex

Marital status, race, and age	Males				Females			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	May 1981	May 1982	May 1981	May 1982	May 1981	May 1982	May 1981	May 1982
Total, 16 years and over	4,256	5,069	5.9	9.1	3,474	4,288	7.5	9.3
Married, spouse present	1,633	2,428	3.9	5.8	1,335	1,754	5.2	6.7
Widowed, divorced, or separated	472	659	8.5	11.8	692	847	7.5	9.1
Single (never married)	2,184	2,582	13.9	16.1	1,447	1,686	12.2	13.9
White, 16 years and over	3,333	4,032	5.1	8.0	2,649	3,233	6.6	7.9
Married, spouse present	1,343	2,007	3.5	5.4	1,143	1,442	5.0	6.2
Widowed, divorced, or separated	331	504	7.3	10.9	539	647	6.9	9.5
Single (never married)	1,644	1,921	12.2	14.3	997	1,144	10.3	11.3
Black and other, 16 years and over	922	1,236	13.3	17.0	825	1,054	13.3	15.4
Married, spouse present	290	421	9.9	13.7	192	312	7.3	11.3
Widowed, divorced, or separated	122	155	12.1	13.2	183	233	13.2	13.5
Single (never married)	540	661	23.2	27.8	453	542	23.3	26.1
Total, 20 to 64 years of age	3,351	4,598	6.3	9.2	2,652	3,352	6.9	7.9
Married, spouse present	1,546	2,357	4.3	6.9	1,254	1,661	5.1	6.5
Widowed, divorced, or separated	458	627	9.3	11.8	645	835	7.7	9.4
Single (never married)	1,347	1,614	12.3	13.9	751	886	9.8	10.5
White, 20 to 64 years of age	2,623	3,602	5.3	7.3	1,974	2,501	5.5	6.9
Married, spouse present	1,333	1,951	3.7	5.5	1,059	1,363	4.8	6.1
Widowed, divorced, or separated	343	487	8.3	11.1	471	639	7.3	8.9
Single (never married)	985	1,165	10.5	11.8	434	529	6.7	7.5
Black and other, 20 to 64 years of age	727	996	11.4	15.2	678	849	11.6	14.3
Married, spouse present	246	406	6.9	11.7	195	297	7.2	10.8
Widowed, divorced, or separated	119	140	12.8	15.3	176	196	10.2	11.9
Single (never married)	362	449	20.3	24.1	317	357	20.9	21.4

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A-11. Unemployed persons by occupation and sex

Occupation	Thousands of persons		Unemployment rates					
			Total		Males		Females	
	May 1981	May 1982	May 1981	May 1982	May 1981	May 1982	May 1981	May 1982
Total, 16 years and over	7,731	9,957	7.1	9.1	6.9	9.1	7.5	9.0
White collar workers	2,995	2,581	3.3	3.5	2.7	3.6	4.7	5.4
Professional and technical	423	531	2.5	3.0	2.0	2.5	3.1	3.7
Managers and administrators, except farm	313	421	2.7	3.6	2.9	3.2	4.3	4.5
Sales workers	309	349	4.5	5.1	3.3	4.4	6.0	5.9
Clerical workers	1,058	1,281	5.3	5.4	5.3	6.5	5.4	6.4
Blue-collar workers	3,339	4,482	9.5	13.0	8.9	12.4	12.2	15.4
Craft and kindred workers	997	1,274	7.2	9.4	7.2	9.3	6.9	9.5
Carpenters and other construction craft workers	514	596	12.1	14.2	12.1	14.2	13.3	16.2
All other	483	678	5.0	7.2	5.0	7.0	5.7	9.0
Operatives, except transport	1,331	1,833	11.5	15.1	13.0	15.4	13.7	17.2
Transport equipment operatives	295	422	7.5	11.0	7.8	11.3	5.7	9.0
Nonfarm laborers	676	953	12.3	15.8	12.3	17.1	12.2	14.7
Construction laborers	193	258	18.1	25.7	17.8	25.5	(1)	(1)
All other	483	695	10.0	14.9	13.8	15.0	11.5	13.9
Service workers	1,267	1,586	8.5	10.9	9.7	10.7	7.9	10.1
Private household	98	58	4.7	5.8	(1)	(1)	4.5	5.4
All other	1,219	1,528	9.9	13.7	9.7	10.7	8.4	10.7
Farm workers	112	186	3.9	5.2	3.2	5.9	6.3	7.3
No previous work experience	916	1,123	--	--	--	--	--	--
16 to 19 years	670	841	--	--	--	--	--	--
20 to 24 years	155	201	--	--	--	--	--	--
25 years and over	91	101	--	--	--	--	--	--

[1] Percent not shown where base is less than 75,000.

A-12. Unemployed persons by industry and sex

Industry	Percent distribution		Unemployment rates					
			Total		Males		Females	
	May 1981	May 1982	May 1981	May 1982	May 1981	May 1982	May 1981	May 1982
Total, 16 years and over	100.0	100.0	7.1	9.1	6.9	9.1	7.5	9.0
Nonagricultural private wage and salary workers	75.5	77.2	7.3	9.5	7.2	10.0	7.5	9.0
Mining	.9	1.3	5.8	11.1	6.3	12.1	3.3	5.5
Construction	9.7	9.2	14.5	17.7	13.8	18.5	11.5	8.3
Manufacturing	23.3	25.3	7.5	11.2	6.1	10.3	10.6	13.3
Durable goods	12.7	15.6	7.3	11.7	6.0	11.3	8.9	12.5
Lumber and wood products	1.0	1.0	10.3	14.8	9.3	14.9	20.4	13.3
Furniture and fixtures	.3	.7	4.9	12.9	4.4	11.4	6.0	16.0
Stone, clay, and glass products	.7	.6	7.7	11.1	6.3	9.9	13.1	14.5
Primary metal industries	.8	2.2	4.3	13.7	4.1	16.7	9.5	18.2
Fabricated metal products	1.8	2.1	8.7	14.3	8.2	14.3	10.2	13.3
Machinery, except electrical equipment	2.2	2.7	5.7	9.6	4.8	9.7	8.8	9.0
Electrical equipment	2.1	1.9	6.6	7.5	3.7	5.2	9.7	9.3
Transportation equipment	4.5	3.0	8.5	13.5	9.1	12.5	10.3	18.0
Automobiles	1.7	1.8	11.0	15.7	9.4	14.9	20.0	25.4
Other transportation equipment	.9	1.1	5.9	13.4	5.7	13.1	2.3	10.9
Instruments and related products	.5	.6	5.3	9.9	3.6	5.6	7.5	13.9
Other durable goods industries	.9	.9	8.7	11.9	5.8	9.1	11.8	16.2
Nondurable goods	10.3	9.7	8.5	13.6	6.4	8.5	11.4	13.5
Food and kindred products	2.1	2.2	8.7	11.2	6.9	9.1	11.0	16.0
Textile mill products	1.1	1.1	10.1	11.3	9.5	12.7	10.8	13.3
Apparel and other textile products	2.3	2.3	12.3	17.3	8.5	12.2	13.4	18.2
Paper and allied products	.5	.5	4.3	7.6	3.7	6.3	8.4	11.7
Printing and publishing	1.4	1.1	5.3	7.3	4.3	7.8	7.5	5.8
Chemicals and allied products	.9	.8	5.2	5.9	4.5	4.9	6.7	11.0
Rubber and plastics products	1.1	.9	11.5	12.5	6.8	13.1	19.0	16.1
Other nondurable goods industries	.3	.8	9.5	12.3	9.9	13.4	10.3	10.1
Transportation and public utilities	4.2	3.7	5.6	5.8	6.1	6.8	4.1	5.3
Railroads and railway express	.5	.6	5.5	12.0	6.9	12.4	(1)	(1)
Other transportation	2.7	2.4	7.6	8.8	8.8	9.2	5.4	7.7
Communication and other public utilities	1.0	.8	3.1	2.9	3.0	2.5	3.2	3.6
Wholesale and retail trade	19.9	20.5	7.8	13.0	7.0	9.3	8.7	10.7
Finance, insurance, and real estate	2.3	2.4	3.3	4.1	2.5	3.5	3.4	4.5
Service industries	15.6	14.8	6.5	7.5	7.1	8.2	6.1	7.1
Professional services	6.6	6.0	4.5	5.3	4.3	5.0	4.7	5.5
All other service industries	9.1	8.8	9.2	10.5	9.5	10.8	8.9	10.2
Agricultural wage and salary workers	1.7	2.5	8.3	13.6	7.3	13.2	10.5	15.1
All other classes of workers	10.9	9.3	3.2	3.4	3.1	3.3	3.4	3.9
No previous work experience	11.8	11.3	--	--	--	--	--	--

[1] Percent not shown where base is less than 75,000.

A-13. Unemployed persons by reason for unemployment, sex, age, and race

Reason for unemployment	Total unemployed		Males, 20 years and over		Females, 20 years and over		Both sexes, 16 to 19 years		White		Black and other	
	May 1981	May 1982	May 1981	May 1982	May 1981	May 1982	May 1981	May 1982	May 1981	May 1982	May 1981	May 1982
NUMBER OF UNEMPLOYED												
Total unemployed, in thousands	7,731	9,957	3,433	4,659	2,703	3,406	1,627	1,892	5,983	7,665	1,747	2,291
Job losers	3,842	5,647	2,332	3,575	1,214	1,693	326	382	3,325	4,456	517	1,191
On layoff	1,213	1,770	750	1,123	403	574	60	73	1,333	1,484	179	285
Other job losers	2,629	3,877	1,582	2,452	811	1,116	266	309	1,992	2,972	638	905
Job leavers	932	815	385	310	394	353	152	151	753	683	158	132
Reentrants	2,043	2,332	619	677	944	1,153	481	547	1,541	1,749	502	633
New entrants	914	1,113	95	97	151	204	669	812	653	778	251	334
PERCENT DISTRIBUTION												
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers	49.7	56.7	67.7	76.7	44.9	49.7	20.1	20.2	55.6	58.2	46.8	52.0
On layoff	15.7	17.8	22.1	24.1	14.9	16.9	3.7	3.9	17.3	19.4	10.3	12.5
Other job losers	34.0	38.9	45.5	52.6	30.0	32.8	16.4	16.3	33.3	38.8	36.5	39.5
Job leavers	12.1	8.2	11.3	6.7	14.6	10.4	9.3	8.0	12.8	8.9	9.0	5.8
Reentrants	26.4	23.9	18.2	14.5	34.9	34.0	29.6	28.9	25.8	22.8	28.7	27.6
New entrants	11.8	11.2	2.8	2.1	5.6	6.0	41.1	42.9	10.9	10.2	14.9	14.6
UNEMPLOYMENT RATE												
Total unemployment rate	7.1	9.1	5.9	8.0	6.4	7.8	18.6	22.5	6.3	8.0	13.0	16.5
Job loser rate[1]	3.5	5.1	4.0	6.1	2.8	3.9	3.7	4.6	3.2	4.6	6.0	8.5
Job leaver rate[1]	.9	.7	.7	.5	.9	.8	1.7	1.8	.8	.7	1.8	1.0
Reentrant rate[1]	1.9	2.2	1.1	1.2	2.2	2.7	5.5	6.5	1.6	1.8	3.7	4.5
New entrant rate[1]	.8	1.0	.2	.2	.4	.5	7.5	9.7	.7	.8	1.9	2.4

[1] Unemployment rates are calculated as a percent of the civilian labor force.

A-14. Unemployed persons by reason for unemployment, sex, age, and duration of unemployment

(Percent distribution)

Reason, sex, and age	May 1982						
	Total unemployed		Duration of unemployment				
					15 weeks and over		
	Thousands of persons	Percent	Less than 5 weeks	5 to 14 weeks	Total	15 to 26 weeks	27 weeks and over
Total, 16 years and over	9,957	100.0	37.0	27.1	35.9	18.4	17.5
Job losers	5,647	100.0	28.5	27.6	44.0	22.7	21.3
On layoff	1,770	100.0	39.0	25.8	35.2	19.8	15.4
Other job losers	3,877	100.0	23.6	28.4	48.0	24.0	24.0
Job leavers	815	100.0	39.7	25.7	33.7	16.6	17.1
Reentrants	2,332	100.0	49.7	25.2	24.0	12.8	11.2
New entrants	1,113	100.0	51.5	25.6	21.9	10.0	11.8
Males, 20 years and over	4,659	100.0	29.5	26.6	43.3	22.3	21.5
Job losers	3,575	100.0	26.7	26.1	47.2	24.5	22.6
On layoff	1,123	100.0	37.7	23.9	38.4	22.8	15.6
Other job losers	2,452	100.0	21.7	27.1	51.2	25.4	25.8
Job leavers	310	100.0	36.5	26.5	39.0	15.8	23.2
Reentrants	677	100.0	45.0	33.3	29.3	14.8	14.9
New entrants	97	100.0	44.2	21.0	34.9	15.3	19.6
Females, 20 years and over	3,406	100.0	39.7	29.1	32.3	16.5	15.8
Job losers	1,693	100.0	29.7	29.8	40.4	20.3	20.1
On layoff	574	100.0	39.9	28.8	31.3	15.5	15.7
Other job losers	1,116	100.0	24.5	30.4	45.1	22.7	22.4
Job leavers	353	100.0	38.8	31.0	30.2	16.5	13.7
Reentrants	1,153	100.0	52.9	21.6	23.5	12.3	10.7
New entrants	204	100.0	51.1	29.2	20.7	8.2	12.4
Both sexes, 16 to 19 years	1,892	100.0	50.3	26.4	22.3	12.2	10.6
Job losers	382	100.0	38.9	31.8	29.3	15.8	13.5
On layoff	73	100.0	(1)	(1)	(1)	(1)	(1)
Other job losers	309	100.0	35.6	31.8	32.5	17.8	14.8
Job leavers	151	100.0	52.3	15.8	31.9	18.6	12.4
Reentrants	547	100.0	55.1	29.7	19.1	11.2	7.9
New entrants	812	100.0	52.5	25.9	20.5	9.9	10.8

[1] Percent not shown where base is less than 75,000.

HOUSEHOLD DATA

A-15. Unemployed jobseekers by sex, age, race, and jobsearch methods used

Sex, age, and race	May 1982								
	Thousands of persons		Methods used as a percent of total jobseekers						Average number of methods used
	Total unemployed	Total jobseekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives	Other	
Total, 16 years and over	9,957	8,051	25.7	5.6	77.4	33.4	19.6	4.9	1.64
16 to 19 years	1,892	1,793	16.6	2.7	81.9	29.9	14.8	3.7	1.47
20 to 24 years	2,236	1,945	27.9	6.7	79.3	33.4	13.0	3.1	1.63
25 to 34 years	2,801	2,205	30.6	6.7	75.0	33.4	20.7	5.4	1.77
35 to 44 years	1,399	1,235	27.3	5.1	74.4	35.6	18.4	6.9	1.63
45 to 54 years	919	877	29.4	5.9	74.6	31.8	18.9	5.2	1.59
55 to 64 years	594	426	28.7	6.3	74.4	29.6	18.1	4.9	1.59
65 years and over	116	69	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Males, 16 years and over	5,669	4,437	28.3	5.3	78.7	31.2	18.4	5.9	1.67
16 to 19 years	1,010	867	15.8	2.5	82.4	27.4	15.8	3.5	1.47
20 to 24 years	1,292	1,029	31.0	7.3	80.3	33.1	14.9	3.1	1.66
25 to 34 years	1,621	1,239	34.2	6.1	78.4	37.1	22.5	6.0	1.84
35 to 44 years	800	683	33.3	4.5	73.4	31.1	17.9	13.7	1.71
45 to 54 years	521	434	29.2	5.2	78.1	29.7	16.6	9.9	1.70
55 to 64 years	363	243	23.6	4.5	74.1	23.9	22.2	12.1	1.63
65 years and over	61	43	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Females, 16 years and over	4,288	3,614	23.3	6.0	75.9	36.0	14.5	3.8	1.59
16 to 19 years	882	926	17.3	3.0	81.4	26.3	13.6	3.8	1.46
20 to 24 years	944	917	24.3	6.0	78.3	37.6	11.4	3.2	1.63
25 to 34 years	1,180	966	26.3	7.4	72.3	43.2	18.5	4.7	1.69
35 to 44 years	599	472	21.8	5.7	75.5	43.4	19.2	2.3	1.59
45 to 54 years	398	294	29.9	8.6	69.7	34.4	19.0	4.7	1.63
55 to 64 years	231	183	20.8	9.3	74.9	34.4	12.0	7.1	1.58
65 years and over	54	26	(1)	(1)	(1)	(1)	(1)	(1)	(1)
White, 16 years and over	7,666	6,034	23.2	5.5	78.5	35.5	19.6	4.7	1.64
Males	4,432	3,354	25.2	5.3	79.8	33.5	18.1	5.9	1.69
Females	3,233	2,680	20.7	5.8	76.9	38.1	21.8	3.2	1.63
Black and other, 16 years and over	2,291	1,997	33.2	5.9	74.1	26.8	19.7	5.6	1.62
Males	1,236	1,042	36.8	5.2	75.1	23.7	19.4	5.9	1.65
Females	1,054	955	29.5	6.8	73.3	30.2	23.7	5.2	1.59

(1) Percent not shown where base is less than 75,000.

NOTE: The jobseekers total is less than the total unemployed because persons on layoff or waiting to begin a new wage and salary job within 30 days are not actually seeking jobs. It should also be noted that the percent using each method will always total more than 100 because many jobseekers use more than one method.

A-16. Unemployed jobseekers by sex, reason for unemployment, and jobsearch methods used

Sex and reason	May 1982								
	Thousands of persons		Methods used as a percent of total jobseekers						Average number of methods used
	Total unemployed	Total jobseekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives	Other	
Total, 16 years and over	9,957	8,051	25.7	5.6	77.4	33.4	19.6	4.9	1.64
Job losers	5,647	5,075	33.1	6.3	79.3	34.6	18.9	5.2	1.77
Job leavers	815	815	23.7	6.4	77.2	40.3	12.9	3.4	1.65
Reentrants	2,382	2,262	19.3	5.7	73.5	32.1	15.4	6.1	1.52
New entrants	1,113	1,099	13.3	2.6	82.1	25.3	14.0	2.8	1.39
Males, 16 years and over	5,669	4,437	28.3	5.3	78.7	31.2	18.4	5.9	1.67
Job losers	3,843	2,535	34.2	5.8	79.4	32.2	19.6	6.1	1.77
Job leavers	378	368	26.9	5.9	74.5	41.0	14.1	4.6	1.67
Reentrants	966	933	18.8	5.0	76.9	27.2	18.9	7.7	1.54
New entrants	481	475	10.9	2.3	81.7	25.7	14.1	2.7	1.37
Females, 16 years and over	4,288	3,644	23.3	6.0	75.9	35.0	14.5	3.8	1.59
Job losers	1,804	1,221	33.7	7.3	79.1	43.0	17.4	3.1	1.75
Job leavers	437	448	20.8	6.7	79.2	40.0	12.1	2.5	1.65
Reentrants	1,415	1,332	19.2	6.3	71.4	35.4	13.1	5.2	1.51
New entrants	631	623	14.9	2.7	78.8	25.6	14.9	2.9	1.43

NOTE: See note, table A-15.

A-17. Unemployed persons by duration of unemployment

Duration of unemployment	Total				Full-time workers			
	Thousands of persons		Percent distribution		Thousands of persons		Percent distribution	
	May 1981	May 1982	May 1981	May 1982	May 1981	May 1982	May 1981	May 1982
Total, 16 years and over	7,731	9,957	100.0	100.0	5,466	7,544	100.0	100.0
Less than 5 weeks	3,203	3,698	41.4	37.3	2,093	2,899	38.5	33.9
5 to 14 weeks	2,104	2,693	27.2	27.1	1,742	2,344	26.9	27.4
5 to 10 weeks	1,637	1,937	21.2	19.5	1,341	1,663	20.7	19.5
11 to 14 weeks	467	760	6.0	7.6	401	680	6.2	8.0
15 weeks and over	2,424	3,574	31.4	35.9	2,239	3,331	34.5	38.6
15 to 26 weeks	1,191	1,832	15.4	18.4	1,093	1,681	16.9	19.7
27 weeks and over	1,233	1,740	15.9	17.5	1,148	1,621	17.7	19.0
27 to 51 weeks	687	1,009	8.9	10.1	637	943	9.8	11.0
52 weeks and over	546	731	7.1	7.3	511	679	7.9	7.9
Average (mean) duration, in weeks	14.5	15.9	--	--	15.7	16.9	--	--
Median duration, in weeks	7.1	8.8	--	--	9.1	9.9	--	--

A-18. Unemployed persons by sex, age, race, marital status, and duration of unemployment

Sex, age, race, and marital status	Thousands of persons					Average (mean) duration, in weeks	Median duration, in weeks	Less than 5 weeks as a percent of unemployed in group		15 weeks and over as a percent of unemployed in group	
	Total	Less than 5 weeks	5 to 14 weeks	15 to 26 weeks	27 weeks and over						
								May 1981	May 1982	May 1981	May 1982
Total, 16 years and over	9,957	3,698	2,696	1,832	1,740	15.9	8.8	41.4	37.3	31.4	35.0
16 to 21 years	2,851	1,376	772	371	332	11.7	5.4	51.1	48.3	19.9	24.7
16 to 19 years	1,892	961	530	233	201	11.1	4.9	52.7	50.8	17.7	22.8
20 to 24 years	2,236	868	643	426	333	13.9	8.1	44.7	38.8	28.0	32.5
25 to 34 years	2,801	881	770	604	545	17.5	13.8	37.8	31.5	35.5	41.3
35 to 44 years	1,399	453	356	275	310	18.5	13.2	32.9	32.7	40.7	41.8
45 to 54 years	919	282	258	162	217	18.9	11.5	32.7	30.7	42.2	41.2
55 to 64 years	594	194	130	120	151	19.9	13.8	32.7	32.6	43.8	45.6
65 years and over	116	44	40	15	16	13.2	7.2	38.7	38.4	33.8	27.3
Males, 16 years and over	5,069	1,849	1,525	1,178	1,124	17.3	10.5	37.3	32.6	36.1	40.5
16 to 21 years	1,576	587	453	225	211	13.3	6.7	47.4	43.5	23.5	27.7
16 to 19 years	1,010	473	285	132	123	12.4	5.9	46.9	46.5	21.7	25.2
20 to 24 years	1,292	432	385	275	201	15.4	9.7	41.2	33.4	32.7	36.3
25 to 34 years	1,621	447	421	392	361	19.8	13.3	34.8	27.6	43.2	46.5
35 to 44 years	800	216	202	196	186	23.4	13.4	26.6	27.3	46.6	47.8
45 to 54 years	521	150	146	91	143	21.1	13.2	28.6	28.8	48.7	45.1
55 to 64 years	363	113	71	77	105	22.4	15.1	33.2	30.2	45.9	50.2
65 years and over	61	22	25	11	4	10.4	7.7	(1)	(1)	(1)	(1)
Females, 16 years and over	4,288	1,842	1,171	659	616	13.4	6.8	46.4	43.3	25.5	29.7
16 to 21 years	1,275	589	319	146	121	10.1	4.5	55.4	54.1	15.6	20.9
16 to 19 years	882	491	245	97	78	9.5	4.5	59.1	55.7	13.2	19.9
20 to 24 years	944	436	258	152	93	11.9	6.3	49.6	46.2	21.3	26.5
25 to 34 years	1,180	435	349	212	185	14.5	8.5	41.2	36.9	33.1	33.6
35 to 44 years	599	242	155	79	124	16.3	7.1	39.8	40.3	34.3	33.8
45 to 54 years	398	132	122	72	72	15.3	9.8	37.6	33.2	34.4	36.1
55 to 64 years	231	84	58	43	45	15.3	8.7	37.3	35.4	43.0	38.4
65 years and over	54	23	15	4	13	16.4	5.5	(1)	(1)	(1)	(1)
White, 16 years and over	7,666	2,875	2,065	1,429	1,297	15.4	8.5	42.8	37.5	33.0	35.5
Males	4,432	1,604	1,185	943	840	17.2	10.3	38.6	33.3	35.2	40.2
Females	3,233	1,411	880	485	457	13.1	6.5	48.2	43.6	23.5	29.2
Black and other, 16 years and over	2,291	813	631	403	443	17.3	9.5	36.6	35.5	35.9	36.3
Males	1,236	382	340	231	284	19.9	11.8	32.8	30.9	39.7	41.7
Females	1,054	432	291	173	159	14.3	7.5	40.8	40.9	31.9	31.4
Males, 16 years and over											
Married, spouse present	2,428	592	685	522	529	19.1	12.1	33.1	28.5	43.0	43.3
Widowed, divorced, or separated	659	239	155	164	151	19.5	11.9	29.6	31.7	41.9	44.7
Single (never married)	2,582	945	685	508	444	16.3	9.1	42.1	36.6	29.8	36.9
Females, 16 years and over											
Married, spouse present	1,754	732	495	291	206	13.9	7.3	45.2	40.0	27.9	31.8
Widowed, divorced, or separated	847	327	239	147	134	14.7	7.9	38.5	38.6	29.2	33.1
Single (never married)	1,686	812	437	223	216	12.2	5.4	51.4	48.2	21.5	25.9

(1) Percent not shown where base is less than 75,000.

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A-19. Unemployed persons by occupation, industry, and duration of unemployment

Occupation and industry	Thousands of persons					Average (mean) duration, in weeks	Median duration, in weeks	Less than 5 weeks as a percent of unemployed in group		15 weeks and over as a percent of unemployed in group	
	Total	Less than 5 weeks	5 to 14 weeks	15 to 26 weeks	27 weeks and over						
	May 1982							May 1981	May 1982	May 1981	May 1982
OCCUPATION											
White-collar workers	2,581	1,333	725	432	415	14.3	8.3	41.5	39.1	33.3	32.9
Professional and managerial	952	544	293	142	173	15.1	8.5	39.2	36.3	31.4	33.2
Sales workers	349	122	85	84	58	17.1	13.2	49.6	34.9	25.3	40.4
Clerical workers	1,281	540	350	206	185	14.1	7.9	40.8	42.2	33.1	33.5
Blue-collar workers	4,482	1,314	1,200	1,000	966	18.5	12.0	37.0	29.3	38.5	43.7
Craft and kindred workers	1,274	338	380	262	294	17.7	10.8	34.7	33.5	39.4	41.3
Operatives, except transport	1,833	526	516	402	389	16.3	12.1	38.8	28.7	37.0	43.1
Transport equipment operatives	422	107	101	127	92	19.5	15.8	28.8	24.2	46.4	52.9
Nonfarm laborers	953	299	224	210	221	20.1	12.2	39.9	31.3	37.0	45.2
Service workers	1,586	733	415	263	239	13.4	6.5	43.5	44.1	25.1	29.7
INDUSTRY[1]											
Agriculture	251	117	73	31	30	11.5	5.7	56.6	45.6	15.7	24.2
Construction	945	279	228	228	210	18.5	13.2	33.7	29.5	40.2	45.4
Manufacturing	2,527	733	722	564	534	18.6	12.2	35.5	29.0	40.2	43.5
Durable goods	1,559	365	451	385	348	20.3	13.9	30.9	23.4	43.1	47.3
Nondurable goods	967	341	261	179	185	15.3	9.8	41.1	35.3	35.4	37.7
Transportation and public utilities	413	122	113	95	83	19.1	12.2	35.8	29.6	32.1	43.7
Wholesale and retail trade	2,045	911	551	365	318	14.3	7.7	42.8	39.7	29.9	33.4
Finance and service industries	2,097	871	559	347	319	14.4	7.3	44.8	41.5	26.2	31.8
Public administration	243	88	63	42	53	18.3	9.4	38.9	36.2	33.2	37.3
No previous work experience	1,123	331	238	112	132	12.3	6.3	52.2	51.8	19.2	21.7

[1] Includes wage and salary workers only.

A-20. Employed persons by industry, age, and sex

(In thousands)

Industry and age	Total		Males		Females	
	May 1981	May 1982	May 1981	May 1982	May 1981	May 1982
All industries	100,855	99,357	57,742	56,757	43,113	43,191
16 to 19 years	7,141	6,804	3,803	3,458	3,338	3,347
16 to 17 years	2,735	2,465	1,493	1,352	1,296	1,102
18 to 19 years	4,357	4,340	2,315	2,306	2,042	1,984
20 to 24 years	13,995	13,639	7,479	7,229	6,516	6,410
25 to 54 years	65,007	65,287	37,605	37,397	27,402	27,890
25 to 34 years	28,300	28,249	16,395	16,164	11,905	12,084
35 to 44 years	20,211	20,908	11,632	11,923	8,579	8,985
45 to 54 years	16,495	16,130	9,579	9,309	6,917	6,821
55 to 64 years	11,739	11,482	7,302	6,840	4,737	4,641
55 to 59 years	7,223	7,100	4,294	4,214	2,934	2,886
60 to 64 years	4,482	4,382	2,709	2,627	1,773	1,755
65 years and over	3,301	3,345	1,851	1,843	1,150	1,202
Nonagricultural industries	97,359	96,368	54,951	53,902	42,408	42,466
16 to 19 years	6,713	6,392	3,453	3,136	3,253	2,986
16 to 17 years	2,571	2,254	1,311	1,178	1,260	1,076
18 to 19 years	4,143	3,938	2,139	1,928	2,004	1,910
20 to 24 years	13,536	13,198	7,193	6,881	6,446	6,317
25 to 54 years	63,242	63,388	35,272	35,938	26,969	27,450
25 to 34 years	27,591	27,405	15,844	15,698	11,746	11,907
35 to 44 years	19,653	20,340	11,224	11,504	8,429	8,836
45 to 54 years	15,998	15,643	8,204	8,335	6,794	6,707
55 to 64 years	11,202	10,981	6,587	6,439	4,616	4,542
55 to 59 years	6,958	6,839	4,083	4,012	2,876	2,827
60 to 64 years	4,244	4,142	2,504	2,427	1,740	1,715
65 years and over	2,665	2,709	1,552	1,539	1,113	1,171
Agriculture	3,497	3,589	2,791	2,864	705	725
16 to 19 years	429	412	353	351	75	61
16 to 17 years	215	211	179	184	36	27
18 to 19 years	215	201	175	167	39	34
20 to 24 years	439	441	389	348	70	93
25 to 54 years	1,766	1,899	1,333	1,459	433	440
25 to 34 years	713	843	551	666	159	177
35 to 44 years	553	568	403	419	151	149
45 to 54 years	498	488	375	374	123	114
55 to 64 years	537	501	416	402	91	99
55 to 59 years	269	261	211	202	58	59
60 to 64 years	268	240	205	200	33	40
65 years and over	326	336	293	324	37	32

A-21. Employed persons by occupation, sex, and age

(In thousands)

Occupation	Total		Males, 20 years and over		Females, 20 years and over		Males, 16-19 years		Females, 16-19 years	
	May 1981	May 1982	May 1981	May 1982	May 1981	May 1982	May 1981	May 1982	May 1981	May 1982
TOTAL	100,835	99,957	53,937	53,109	33,775	33,348	3,935	3,458	3,339	3,047
White collar workers	52,753	53,455	23,853	24,241	26,525	27,385	557	569	1,720	1,559
Professional and technical	15,173	15,932	8,911	9,274	7,132	7,482	66	79	99	97
Health workers	3,078	3,234	969	1,073	2,087	2,155	--	2	22	3
Teachers, except college	3,342	3,439	1,304	1,337	2,021	2,053	9	6	9	15
Other professional and technical	9,758	10,259	6,938	7,167	2,694	2,879	57	73	68	80
Managers and administrators, except farm	11,335	11,331	8,238	8,124	3,025	3,175	62	55	43	33
Salaried workers	9,373	9,455	6,712	6,593	2,563	2,679	61	55	38	35
Self employed workers in retail trade	865	872	553	553	304	321	7	--	2	1
Self employed workers, except retail trade	1,096	1,065	937	881	159	183	--	1	--	--
Sales workers	6,511	6,334	3,377	3,405	2,539	2,511	224	213	341	337
Retail trade	3,199	3,286	1,038	1,076	1,676	1,684	149	169	337	352
Other industries	3,312	3,248	2,340	2,332	863	827	75	61	54	33
Clerical workers	18,739	18,628	3,356	3,437	13,873	13,914	326	283	1,181	1,195
Stenographers, typists, and secretaries	5,067	4,857	103	85	4,573	4,581	9	4	267	237
Other clerical workers	13,672	13,771	3,261	3,352	9,298	9,333	297	199	914	933
Blue collar workers	31,821	29,972	23,943	22,773	5,931	5,255	1,927	1,687	318	251
Craft and kindred workers	12,936	12,328	11,727	11,203	787	794	360	295	33	14
Carpenters	1,151	1,142	1,105	1,079	15	19	27	43	3	1
Construction craft workers, except carpenters	2,531	2,451	2,452	2,369	42	43	92	53	9	5
Mechanics and repairers	3,482	3,374	3,281	3,201	51	69	133	122	1	3
Metal craft workers	1,333	1,232	1,227	1,144	51	34	29	25	--	--
Blue collar worker supervisors, not elsewhere classified	1,855	1,972	1,608	1,677	225	185	17	5	5	3
All other	2,545	2,476	2,053	1,941	402	443	62	48	20	22
Operatives, except transport	10,847	9,527	5,849	5,295	4,397	3,713	582	377	169	152
Durable goods manufacturing	4,736	4,117	2,977	2,573	1,583	1,403	193	105	54	35
Nondurable goods manufacturing	3,384	3,334	1,299	1,165	1,996	1,715	112	47	77	77
Other industries	2,555	2,026	1,573	1,549	818	598	290	225	38	43
Transport equipment operatives	3,439	3,435	2,982	2,935	823	836	132	136	22	5
Drivers, motor vehicles	2,959	2,949	2,516	2,535	295	289	119	120	21	5
All other	526	456	466	421	25	18	14	15	1	--
Nonfarm laborers	4,512	4,713	3,387	3,327	427	441	933	877	65	68
Construction	871	746	788	614	17	13	65	119	1	--
Manufacturing	1,265	938	839	693	329	147	79	51	13	8
Other industries	2,376	3,029	1,810	2,022	281	281	789	707	51	61
Service workers	13,494	13,717	4,381	4,295	7,155	7,312	962	930	1,245	1,178
Private household workers	931	941	24	15	766	729	13	9	130	133
Service workers, except private household	12,493	12,776	4,357	4,280	6,393	6,583	951	921	1,114	988
Food service workers	4,756	4,817	982	966	2,435	2,525	536	517	753	729
Protective service workers	1,512	1,516	1,332	1,333	158	159	19	11	10	9
All other	6,195	6,443	1,703	1,980	3,834	3,908	396	273	331	252
Farm workers	2,827	2,813	2,351	2,303	453	493	258	273	55	47
Farmers and farm managers	1,533	1,489	1,313	1,271	199	189	21	29	2	--
Farm laborers and supervisors	1,363	1,325	736	732	297	332	237	244	53	47
Paid workers	1,069	1,059	705	692	152	152	174	182	35	33
Unpaid family workers	293	250	29	40	145	180	63	62	18	14

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A-22. Employed persons by occupation, race, and sex

[Percent distribution]

Occupation and race	Total		Males		Females	
	May 1981	May 1982	May 1981	May 1982	May 1981	May 1982
TOTAL						
Total, 16 years and over (thousands)	100,855	99,957	57,742	56,757	43,113	43,191
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White collar workers	52.3	53.5	42.5	43.7	65.5	66.3
Professional and technical	16.0	16.9	15.5	15.5	16.7	17.5
Managers and administrators, except farm	11.2	11.4	10.3	10.4	7.1	7.4
Sales workers	6.5	6.5	5.2	6.4	6.7	6.7
Clerical workers	18.6	18.6	5.9	6.4	35.3	34.7
Blue collar workers	31.6	33.0	38.8	40.1	13.8	12.8
Craft and kindred workers	12.8	12.3	20.9	20.3	1.9	1.9
Operatives, except transport	10.6	9.5	11.1	10.0	9.8	8.9
Transport equipment operatives	3.4	3.4	5.4	5.4	.8	.7
Nonfarm laborers	4.3	4.7	7.4	7.4	1.2	1.2
Service workers	13.3	13.7	8.7	9.2	19.5	19.7
Private household workers	1.0	.9	.1	(1)	2.2	2.1
Other service workers	12.4	12.8	8.7	9.2	17.3	17.5
Farm workers	2.8	2.8	9.3	8.0	1.2	1.2
Farmers and farm managers	1.5	1.5	2.4	2.3	.4	.4
Farm laborers and supervisors	1.3	1.3	1.7	1.7	.8	.8
White						
Total, 16 years and over (thousands)	89,134	88,348	51,573	50,749	37,564	37,599
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White collar workers	53.9	55.1	44.0	45.1	67.5	68.5
Professional and technical	16.4	17.3	15.3	17.0	16.9	17.8
Managers and administrators, except farm	12.3	12.2	10.2	10.3	7.6	8.0
Sales workers	6.9	7.0	6.7	6.8	7.3	7.2
Clerical workers	18.6	18.6	5.2	6.1	35.7	35.5
Blue collar workers	31.1	29.6	40.3	42.6	13.2	12.1
Craft and kindred workers	13.2	12.8	21.4	20.7	1.9	2.0
Operatives, except transport	10.3	9.3	10.5	9.6	9.3	8.2
Transport equipment operatives	3.3	3.3	5.1	5.2	.8	.7
Nonfarm laborers	4.5	4.5	7.3	7.0	1.2	1.1
Service workers	12.1	12.4	7.9	8.2	17.9	18.1
Private household workers	.7	.7	(1)	(1)	1.7	1.7
Other service workers	11.4	11.7	7.8	8.1	16.3	16.5
Farm workers	2.9	2.9	4.1	4.1	1.3	1.3
Farmers and farm managers	1.6	1.6	2.5	2.5	.4	.5
Farm laborers and supervisors	1.3	1.3	1.6	1.7	.8	.8
Black and other						
Total, 16 years and over (thousands)	11,721	11,610	6,172	6,008	5,549	5,592
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White collar workers	40.1	41.4	29.7	32.0	51.5	51.6
Professional and technical	13.5	13.7	12.3	12.8	15.1	15.1
Managers and administrators, except farm	5.5	5.5	7.0	7.2	3.8	3.6
Sales workers	2.8	3.2	2.6	3.0	3.3	3.4
Clerical workers	18.3	19.0	8.1	9.3	29.7	29.5
Blue collar workers	35.3	32.9	51.2	47.2	17.7	17.5
Craft and kindred workers	9.7	9.1	15.9	16.1	1.9	1.5
Operatives, except transport	14.6	13.3	15.5	12.8	13.6	13.8
Transport equipment operatives	4.5	4.2	7.8	7.4	.8	.7
Nonfarm laborers	6.5	6.4	11.1	10.9	1.3	1.6
Service workers	22.8	23.7	15.2	19.0	30.1	29.9
Private household workers	2.8	2.5	.2	.1	5.8	5.1
Other service workers	20.0	21.2	15.1	17.9	24.3	24.8
Farm workers	1.8	2.0	2.3	2.8	.5	1.1
Farmers and farm managers	.3	.4	.4	.6	.1	.1
Farm laborers and supervisors	1.5	1.6	1.8	2.2	.5	.9

(1) Less than 0.05 percent

A-23. Employed persons by age, sex, and class of worker

[In thousands]

Age and sex	May 1984								
	Nonagricultural industries						Agriculture		
	Wage and salary workers				Self employed	Unpaid family workers	Wage and salary workers	Self employed	Unpaid family workers
	Total	Private household workers	Government	Other					
Total, 16 years and over	88,517	1,174	15,684	71,661	7,414	437	1,595	1,727	265
16 to 19 years	5,957	331	346	5,310	92	43	245	52	63
16 to 17 years	2,196	190	97	1,909	35	21	149	27	44
18 to 19 years	3,761	141	249	3,401	56	22	157	24	21
20 to 24 years	12,815	99	1,355	11,361	361	29	313	106	22
25 to 34 years	25,525	151	4,416	20,959	1,338	72	435	351	59
35 to 44 years	18,362	145	3,934	14,283	1,377	101	235	293	43
45 to 54 years	14,050	142	3,152	10,746	1,482	111	148	383	29
55 to 64 years	9,700	173	2,136	7,416	1,214	67	119	347	33
55 to 59 years	6,081	102	1,333	4,647	710	47	58	169	24
60 to 64 years	3,618	77	773	2,769	503	20	50	178	12
65 years and over	2,109	157	366	1,587	551	19	50	271	15
Males, 16 years and over	48,761	223	7,653	40,875	5,388	54	1,260	1,500	104
16 to 19 years	3,030	138	174	2,718	54	23	234	51	62
16 to 17 years	1,141	73	43	1,028	26	13	114	25	44
18 to 19 years	1,889	33	131	1,720	27	12	125	24	15
20 to 24 years	6,627	22	558	6,048	251	3	241	93	14
25 to 34 years	14,287	16	2,092	12,177	1,233	11	350	332	14
35 to 44 years	10,211	22	1,921	8,269	1,291	2	191	286	1
45 to 54 years	7,913	12	1,653	6,247	1,319	3	114	259	2
55 to 64 years	5,535	11	1,065	4,459	935	9	86	318	3
55 to 59 years	3,495	5	659	2,822	511	5	69	152	--
60 to 64 years	2,040	7	396	1,637	385	4	17	163	3
65 years and over	1,157	31	200	927	377	5	49	247	9
Females, 16 years and over	39,757	950	8,021	30,786	2,026	383	334	227	164
16 to 19 years	2,927	194	172	2,562	38	20	56	1	3
16 to 17 years	1,055	120	54	881	10	11	35	1	1
18 to 19 years	1,872	73	118	1,681	29	9	32	--	3
20 to 24 years	6,187	77	797	5,313	110	20	72	14	7
25 to 34 years	11,238	133	2,324	8,781	537	61	85	49	44
35 to 44 years	8,150	123	2,014	6,014	336	100	53	54	42
45 to 54 years	6,137	113	1,538	4,499	462	108	35	52	27
55 to 64 years	4,165	157	1,301	2,957	318	63	32	34	33
55 to 59 years	2,586	97	674	1,825	200	41	19	16	24
60 to 64 years	1,579	73	377	1,132	118	19	13	18	10
65 years and over	952	125	166	660	206	15	1	24	7

A-24. Employed persons by industry and occupation

[In thousands]

Industry	May 1984											
		White-collar workers				Blue-collar workers				Service workers		
	Total employed	Professional and technical workers	Managers and administrators, except farm	Sales workers	Clerical workers	Craft and kindred workers	Operatives, except transport	Transport equipment operatives	Nonfarm laborers	Private household workers	Other service workers	Farm workers
Agriculture	3,589	131	56	13	65	55	83	44	408	--	13	2,911
Mining	1,103	195	137	5	137	259	293	69	22	--	7	--
Construction	5,919	185	732	27	504	3,253	274	165	746	--	57	--
Manufacturing	20,504	2,612	1,659	551	2,663	3,934	7,121	693	598	--	434	--
Durable goods	12,130	1,774	933	179	1,581	2,528	4,117	311	504	--	237	--
Nondurable goods	8,374	838	729	372	1,082	1,375	3,004	382	395	--	196	--
Transportation and public utilities	6,531	653	716	93	1,505	1,343	133	1,426	449	--	236	--
Wholesale and retail trade	20,620	481	3,933	4,259	3,609	1,493	859	726	1,264	--	4,306	--
Wholesale trade	4,181	186	839	973	864	377	193	362	294	--	94	--
Retail trade	16,439	293	3,009	3,286	2,745	1,122	679	364	970	--	3,872	--
Finance, insurance, and real estate	6,244	425	1,223	1,346	2,755	123	10	13	101	--	244	--
Services	30,201	11,235	2,277	233	5,583	1,034	759	225	557	941	6,729	--
Private households	1,220	13	1	--	9	5	2	7	197	941	33	--
Other service industries	28,981	11,187	2,275	233	5,574	1,599	756	219	473	--	5,573	--
Public administration	5,246	1,045	678	9	1,838	291	57	51	159	--	1,168	--

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A-25. Employed persons with a job but not at work by reason, sex, and pay status

[In thousands]

Reason not working and sex	All industries		Nonagricultural industries					
			Total		Wage and salary workers[1]			
					Paid absences[2]		Unpaid absences[2]	
	May 1981	May 1982	May 1981	May 1982	May 1981	May 1982	May 1981	May 1982
Total, 16 years and over	4,546	4,080	4,449	4,014	2,157	2,015	1,753	1,550
Vacation	1,885	1,670	1,869	1,652	1,336	1,229	353	314
Illness	1,402	1,305	1,383	1,287	582	582	686	614
Bad weather	113	59	79	43	--	--	--	--
Industrial dispute	193	38	193	34	--	--	--	--
All other reasons	953	1,008	924	994	249	205	714	622
Males, 16 years and over	2,504	2,167	2,432	2,110	1,250	1,175	964	658
Vacation	1,055	945	1,047	937	793	794	154	124
Illness	738	706	725	691	329	351	331	278
All other reasons[3]	711	515	660	482	131	81	380	255
Females, 16 years and over	2,043	1,913	2,017	1,905	917	840	789	691
Vacation	831	725	823	716	545	435	228	192
Illness	664	599	658	596	253	231	356	335
All other reasons[3]	549	538	537	584	118	125	335	369

[1] Excludes private household workers.

[2] Pay status not available separately for bad weather and industrial dispute; these categories are included in "all other reasons."

[3] Includes bad weather and industrial dispute, not shown separately.

NOTE: Estimates for "all other reasons" by pay status may be biased because of high response variance; data should be used with caution.

A-26. Persons at work by hours of work and industry

Hours of work	May 1982					
	Thousands of persons			Percent distribution		
	All industries	Nonagricultural industries	Agriculture	All industries	Nonagricultural industries	Agriculture
Total, 16 years and over	95,379	92,354	3,529	100.0	100.0	100.0
1-34 hours	24,265	23,197	1,069	25.3	25.1	30.3
1-4 hours	875	810	66	.9	.9	1.9
5-14 hours	4,605	4,333	272	4.8	4.7	7.7
15-29 hours	11,930	11,418	512	12.4	12.4	14.5
30-34 hours	6,854	6,636	219	7.1	7.2	6.2
35 hours and over	71,611	69,156	2,455	74.7	74.9	69.7
35-39 hours	7,355	7,220	135	7.7	7.8	3.8
40 hours	41,541	41,082	559	43.4	44.5	15.9
41 hours and over	22,615	20,854	1,751	23.6	22.6	50.0
41 to 48 hours	8,430	8,190	214	8.8	8.9	6.1
49 to 59 hours	7,877	7,406	471	8.2	8.0	13.4
60 hours and over	6,334	5,258	1,076	6.6	5.7	30.5
Average hours, total at work	38.2	37.9	45.9	--	--	--
Average hours, workers on full-time schedules	43.0	42.6	55.5	--	--	--

A-27. Persons at work 1 to 34 hours by reason for working less than 35 hours and usual status

(Numbers in thousands)

Reason for working less than 35 hours	May 1982					
	All industries			Nonagricultural industries		
	Total	Usually work full time	Usually work part time	Total[1]	Usually work full time	Usually work part time
Total, 16 years and over	24,265	6,735	17,561	23,197	6,455	16,741
Economic reasons	5,808	2,239	3,569	5,521	2,211	3,310
Slack work	3,162	1,971	1,211	3,017	1,890	1,127
Material shortages or repairs to plant and equipment	51	51	--	50	50	--
New job started during week	205	205	--	202	202	--
Job terminated during week	71	71	--	68	68	--
Could find only part-time work	2,298	--	2,293	2,182	--	2,182
Other reasons	18,458	4,496	13,962	17,678	4,246	13,432
Does not want, or unavailable for, full-time work	11,859	--	11,859	11,430	--	11,430
Vacation	1,124	1,124	--	1,117	1,117	--
Illness	1,636	1,444	192	1,594	1,433	164
Bad weather	360	353	--	267	267	--
Industrial dispute	13	13	--	13	13	--
Legal or religious holiday	44	44	--	42	42	--
Full time for this job	1,504	--	1,504	1,440	--	1,440
All other reasons	1,923	1,924	496	1,805	1,379	426
Average hours						
Economic reasons	22.3	25.3	20.4	22.5	25.4	20.6
Other reasons	23.6	25.7	18.7	20.7	26.9	18.7
Worked 30 to 34 hours						
Economic reasons	1,939	1,126	813	1,881	1,093	788
Other reasons	4,915	2,959	2,945	4,755	2,917	2,838

A-28. Nonagricultural workers by industry and full- or part-time status

(Numbers in thousands)

Industry	May 1982							
	Full- or part-time status						Average hours, total at work	Average hours, workers on full-time schedules
	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules				
				Total	40 hours or less	41 to 48 hours	49 hours or more	
Total, 16 years and over[1]	92,358	5,521	13,432	73,401	52,547	8,190	12,664	37.9	42.6
Wage and salary workers	84,928	4,795	11,994	68,139	53,155	7,625	10,367	37.9	42.2
Construction	4,551	388	211	3,952	2,963	337	595	39.1	41.8
Manufacturing	19,211	1,049	570	17,432	13,261	2,154	2,357	40.3	41.3
Durable goods	11,337	531	281	10,575	8,119	1,313	1,143	40.3	41.5
Nondurable goods	7,923	517	388	6,919	5,145	851	923	39.5	41.7
Transportation and public utilities	5,673	253	347	5,253	3,986	523	994	40.4	42.7
Wholesale and retail trade	17,881	1,415	4,547	11,919	7,917	1,646	2,356	35.4	41.1
Finance, insurance, and real estate	5,539	153	529	4,853	3,782	445	633	38.7	41.2
Service industries	25,931	1,356	5,379	19,195	10,247	1,833	3,061	36.1	42.2
Private households	1,148	139	616	333	215	42	76	22.5	45.3
All other industries	24,783	1,167	4,763	18,813	14,032	1,796	2,985	35.7	42.1
Public administration	4,937	33	294	4,633	3,535	475	520	39.9	41.5
Self-employed workers	6,993	723	1,274	4,994	2,241	543	2,213	39.3	48.5
Unpaid family workers	437	14	163	260	151	22	87	35.9	45.5

[1] Includes mining, not shown separately.

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A-29. Persons at work in nonagricultural industries by sex, age, race, marital status, and full- or part-time status

(Numbers in thousands)

Sex, age, race, and marital status	Mar 1982							
	Total at work	On part time for economic reasons	On voluntary part time	On full time schedules			Average hours, total at work	Average hours, workers on full time schedules
				Total	40 hours or less	41 hours or more		
TOTAL								
Both sexes, 16 years and over	92,334	5,521	13,482	73,331	52,547	20,354	37.9	42.5
16 to 21 years	13,473	1,115	4,459	4,912	3,593	1,319	28.3	40.7
16 to 19 years	5,937	596	3,508	1,833	1,462	341	23.7	40.0
16 to 17 years	2,193	118	1,933	172	144	29	15.5	38.7
18 to 19 years	3,744	478	1,535	1,661	1,319	313	27.3	40.2
20 years and over	80,447	4,964	9,923	71,333	51,067	20,311	38.3	42.7
20 to 24 years	12,713	1,132	1,834	9,747	7,525	2,222	36.5	41.4
25 years and over	73,784	3,793	8,090	61,851	43,561	18,290	39.3	42.9
25 to 44 years	45,978	2,383	4,297	39,298	27,285	12,013	39.8	42.9
45 to 64 years	25,203	1,286	2,535	21,382	15,464	5,918	38.5	42.7
65 years and over	2,592	123	1,257	1,172	812	360	29.5	43.5
Males, 16 years and over	51,792	2,747	4,055	44,990	29,195	15,795	40.8	43.9
16 to 21 years	7,427	581	2,105	2,743	2,045	695	29.6	41.5
16 to 19 years	3,035	307	1,720	1,008	781	227	24.6	40.7
16 to 17 years	1,149	71	975	102	88	14	17.0	38.7
18 to 19 years	1,886	236	745	905	694	213	29.3	41.0
20 years and over	44,365	2,441	2,335	43,982	28,414	15,568	41.3	44.0
20 to 24 years	6,590	593	717	5,283	3,829	1,455	38.3	42.5
25 years and over	42,067	1,852	1,617	38,598	24,587	14,011	42.3	44.2
25 to 44 years	26,378	1,221	533	24,317	15,112	9,205	42.9	44.4
45 to 64 years	14,539	582	417	13,540	8,962	4,578	42.4	43.9
65 years and over	1,451	53	641	742	513	229	33.7	43.5
Females, 16 years and over	40,541	2,773	9,376	28,412	23,353	5,059	34.3	40.5
16 to 21 years	6,351	535	2,345	2,171	1,548	623	28.0	39.5
16 to 19 years	2,872	289	1,788	795	681	115	22.7	39.1
16 to 17 years	1,043	47	928	69	58	15	16.2	38.3
18 to 19 years	1,829	242	859	727	627	100	26.5	39.2
20 years and over	33,589	2,484	7,588	27,517	22,673	4,844	35.2	40.5
20 to 24 years	6,023	543	1,117	4,363	3,695	667	34.7	40.3
25 years and over	31,665	1,942	6,471	23,252	18,974	4,278	35.3	40.7
25 to 44 years	19,833	1,162	3,737	14,881	12,173	2,708	35.6	40.5
45 to 64 years	13,665	734	2,118	7,993	6,503	1,340	35.4	40.6
65 years and over	1,141	56	616	629	509	129	27.9	43.9
RACE								
White	81,496	4,627	12,311	64,253	45,249	19,309	38.0	42.6
Males	45,221	2,328	3,561	40,252	25,541	14,711	41.0	44.1
Females	35,275	2,331	8,570	24,334	19,735	4,599	34.1	40.5
Black and other	10,857	893	1,123	8,946	7,299	1,645	37.3	41.2
Males	5,571	421	619	4,716	3,653	1,063	38.9	42.2
Females	5,286	473	706	4,231	3,646	581	35.7	39.9
MARITAL STATUS								
Males, 16 years and over								
Married, spouse present	38,875	1,357	1,241	32,333	23,349	12,319	42.6	44.3
Widowed, divorced, or separated	4,533	313	291	3,956	2,585	1,401	41.4	43.3
Single (never married)	12,116	1,057	2,612	8,337	5,263	2,374	35.3	42.5
Females, 16 years and over								
Married, spouse present	22,528	1,432	5,574	15,352	12,939	2,613	34.1	40.3
Widowed, divorced, or separated	8,053	579	1,383	5,829	5,135	1,242	36.9	40.4
Single (never married)	9,992	762	2,769	6,433	5,275	1,155	32.6	40.5

A-30. Persons at work in nonfarm occupations by sex and full- or part-time status

(Numbers in thousands)

Occupation and sex	May 1982								
	Total at work	On part time for economic reasons	On voluntary part time	On full time schedules				Average hours, total at work	Average hours, workers on full time schedules
				Total	40 hours or less	41 to 48 hours	49 hours or more		
Total, 16 years and over	93,134	5,833	13,569	73,734	52,812	8,254	12,868	37.9	42.7
White-collar workers	51,377	1,560	7,359	42,343	29,452	4,477	8,414	38.9	43.0
Professional and technical	15,247	384	1,862	14,001	9,536	1,395	2,870	39.9	43.1
Managers and administrators, except farm	13,957	171	599	13,133	5,325	1,284	6,588	46.7	46.5
Sales workers	5,273	338	1,591	4,334	2,691	308	1,155	36.3	40.2
Clerical workers	17,899	733	5,325	11,784	11,394	1,389	801	35.4	39.9
Blue-collar workers	24,593	2,580	2,087	23,976	17,427	3,358	3,441	38.9	42.3
Craft and kindred workers	11,781	828	651	10,532	7,493	1,414	1,595	40.1	42.4
Operatives, except transport	9,055	647	481	7,727	6,103	898	726	38.7	41.3
Transport equipment operatives	3,194	295	276	2,642	1,913	382	740	41.3	45.4
Nonfarm laborers	4,563	569	993	3,115	2,373	965	380	34.3	41.5
Service workers	13,133	1,395	4,128	7,515	5,983	719	1,013	32.2	41.9
Private household	921	150	474	287	196	41	73	24.3	45.4
Other service workers	12,213	1,246	3,654	7,228	5,596	679	940	32.8	41.7
Males, 16 years and over	52,383	2,818	4,134	45,413	29,897	5,705	10,310	40.7	44.3
White-collar workers	23,959	522	1,581	21,936	12,773	2,556	6,477	43.1	45.3
Professional and technical	8,322	181	937	8,334	5,195	973	2,169	42.5	44.5
Managers and administrators, except farm	7,875	113	236	7,529	3,578	833	3,118	45.5	47.6
Sales workers	3,525	113	405	3,007	1,556	401	950	41.4	45.3
Clerical workers	4,238	118	384	3,985	2,349	352	340	38.3	41.8
Blue-collar workers	24,353	1,918	1,433	19,857	14,359	2,575	3,232	39.4	42.7
Craft and kindred workers	11,303	775	334	9,991	6,997	1,352	1,542	40.4	42.5
Operatives, except transport	5,405	397	221	4,789	3,553	530	708	40.3	42.2
Transport equipment operatives	2,887	245	173	2,479	1,898	368	722	42.3	45.5
Nonfarm laborers	4,865	503	755	2,313	2,124	326	360	34.3	41.7
Service workers	5,333	378	1,118	3,643	2,535	374	601	35.7	43.3
Private household	24	5	9	10	6	1	3	26.6	44.7
Other service workers	5,312	373	1,109	3,630	2,559	373	598	35.7	43.3
Females, 16 years and over	40,745	2,769	9,437	28,319	23,411	2,549	2,559	39.3	40.5
White-collar workers	27,417	1,159	5,821	20,435	16,677	1,921	1,937	35.2	40.5
Professional and technical	7,425	201	1,355	5,667	4,342	426	701	36.1	41.1
Managers and administrators, except farm	4,383	51	364	2,970	1,748	451	571	40.4	43.4
Sales workers	2,749	225	1,176	1,348	1,137	107	204	29.7	41.3
Clerical workers	14,861	671	2,941	10,749	9,553	738	461	34.5	39.4
Blue-collar workers	3,225	612	504	4,339	3,417	384	538	36.1	40.2
Craft and kindred workers	782	54	117	511	495	62	54	36.9	41.2
Operatives, except transport	3,649	450	260	2,939	2,553	259	119	35.9	39.3
Transport equipment operatives	297	43	102	155	125	13	17	31.9	42.3
Nonfarm laborers	498	65	25	805	245	39	21	32.3	40.9
Service workers	9,804	1,018	4,210	4,375	3,317	345	412	33.1	40.9
Private household	897	145	465	287	190	40	57	24.2	45.5
Other service workers	7,208	874	2,545	3,747	3,155	306	346	30.9	40.5

HOUSEHOLD DATA

A-31. Employment status of 14- and 15-year-olds by sex and race

(Numbers in thousands)

Employment status	1st 1982								
	Total			White			Black and other		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Civilian noninstitutional population	7,172	3,651	3,521	5,921	3,020	2,901	1,251	631	620
Civilian labor force	1,237	596	641	1,165	650	516	72	46	25
Employed	1,012	553	459	988	543	445	24	12	12
Agriculture	101	81	20	101	81	20	--	--	--
Nonagricultural industries	911	472	439	887	459	429	24	12	12
Unemployed	225	103	92	177	109	68	48	34	14
Unemployment rate	18.2	23.6	15.2	15.2	16.8	13.2	--	(1)	(1)
Not in labor force	5,935	2,955	2,979	4,755	2,373	2,335	1,179	585	594
Keeping house	44	12	32	33	9	24	11	4	8
Going to school	5,759	2,878	2,881	4,627	2,309	2,317	1,143	569	574
Unable to work	4	2	2	3	2	1	1	--	2
All other reasons	117	63	54	93	52	43	24	13	11

[1] Percent not shown where base is less than 75,000.

A-32. Employed 14- and 15-year-olds by class of worker, occupation, and sex

Class of worker and occupation	1st 1982					
	Thousands of persons			Percent distribution		
	Both sexes	Males	Females	Both sexes	Males	Females
CLASS OF WORKER						
Total	1,012	553	459	100.0	100.0	100.0
Nonagricultural industries	911	472	439	90.0	85.3	95.6
Wage and salary workers	788	391	397	77.8	70.7	86.5
Private household workers	368	122	245	36.3	22.1	53.4
Government workers	28	17	11	2.8	3.1	2.4
Other wage and salary workers	392	251	141	38.7	45.4	30.7
Self-employed workers	112	76	35	11.1	13.8	7.6
Unpaid family workers	12	5	6	1.2	.9	1.3
Agriculture	101	81	20	10.0	14.7	4.4
Wage and salary workers	63	46	14	5.9	8.3	3.1
Self-employed workers	17	15	2	1.7	2.7	.4
Unpaid family workers	24	20	4	2.4	3.6	.9
OCCUPATION						
Total	1,012	553	459	100.0	100.0	100.0
White collar workers	266	151	115	26.2	29.1	25.0
Professional and technical	14	2	11	1.4	.4	2.4
Managers and administrators, except farm	--	--	--	--	--	--
Sales workers	219	151	63	21.1	27.3	13.7
Clerical workers	43	8	32	3.9	1.4	7.0
Blue collar workers	247	234	13	24.4	42.3	2.8
Craft and kindred workers	12	10	3	1.2	1.8	.7
Operatives, except transport	27	25	2	2.7	4.5	.4
Transport equipment operatives	--	--	--	--	--	--
Nonfarm laborers	208	199	9	20.5	36.0	2.0
Service workers	423	100	323	41.8	18.1	69.6
Private household workers	259	13	243	25.0	1.9	52.8
Other service workers	166	99	77	16.4	16.1	16.7
Farm workers	79	58	20	7.8	10.5	4.3
Farmers and farm managers	6	4	2	.6	.7	.4
Farm laborers and supervisors	73	55	18	7.2	9.9	3.9

A-33. Employment status of the noninstitutional population by sex and age, seasonally adjusted

[Numbers in thousands]

Employment status, sex, and age	1981								1982				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May
TOTAL													
Total noninstitutional population [1]	171,956	172,172	172,395	172,559	172,758	172,965	173,155	173,333	173,495	173,657	173,843	174,023	174,201
Armed Forces [1]	2,127	2,131	2,139	2,163	2,165	2,158	2,153	2,164	2,159	2,168	2,175	2,175	2,175
Civilian noninstitutional population [1]	169,829	170,042	170,246	170,399	170,593	170,809	171,005	171,165	171,335	171,489	171,667	171,849	172,026
Civilian labor force	109,293	108,434	108,538	109,313	109,494	109,312	109,272	110,134	108,879	109,165	109,345	109,549	110,663
Percent of civilian population	64.4	63.8	63.9	64.2	64.2	64.0	63.9	64.3	63.5	63.7	63.7	63.8	64.3
Employed	101,645	100,430	100,864	100,843	100,258	100,343	100,172	99,513	99,581	99,593	99,492	99,843	100,117
Percent of total population	59.8	59.1	59.3	59.2	58.9	58.9	57.9	57.5	57.4	57.3	57.2	57.1	57.5
Agriculture	3,405	3,348	3,342	3,404	3,338	3,378	3,372	3,209	3,411	3,373	3,369	3,339	3,438
Nonagricultural industries	97,640	97,082	97,522	97,439	96,920	96,965	96,800	96,304	96,170	96,217	96,124	96,332	96,529
Unemployed	8,248	8,004	7,674	7,978	8,236	8,669	9,103	9,571	9,296	9,575	9,854	10,337	10,549
Unemployment rate	7.5	7.4	7.2	7.3	7.6	8.0	8.3	8.8	8.5	8.8	9.0	9.4	9.5
Not in labor force	60,536	61,608	61,708	61,581	62,099	61,797	61,724	61,982	62,455	62,324	62,321	62,297	61,363
Males, 20 years and over													
Total noninstitutional population [1]	73,924	74,045	74,154	74,263	74,382	74,502	74,613	74,711	74,813	74,906	75,015	75,121	75,227
Civilian noninstitutional population [1]	72,251	72,359	72,472	72,559	72,679	72,795	72,921	73,023	73,123	73,209	73,287	73,392	73,499
Civilian labor force	57,479	57,094	57,172	57,250	57,252	57,355	57,459	57,665	57,359	57,448	57,554	57,730	58,164
Percent of civilian population	79.6	78.9	78.9	78.9	78.8	78.8	78.8	79.0	78.5	78.5	78.5	78.7	79.1
Employed	53,884	53,597	53,674	53,791	53,693	53,504	53,354	53,122	53,347	53,397	53,306	52,988	53,253
Percent of total population	72.9	72.4	72.4	72.4	72.2	71.8	71.5	71.1	70.9	70.9	70.7	70.5	70.8
Agriculture	2,390	2,379	2,383	2,422	2,383	2,413	2,382	2,311	2,393	2,386	2,377	2,382	2,454
Nonagricultural industries	51,494	51,218	51,291	51,369	51,310	51,091	50,972	50,811	50,957	50,711	50,629	50,606	50,799
Unemployed	3,595	3,497	3,498	3,459	3,559	3,851	4,105	4,543	4,322	4,351	4,543	4,742	4,904
Unemployment rate	6.3	6.1	6.1	6.0	6.2	6.7	7.1	7.9	7.5	7.6	7.9	8.2	8.4
Not in labor force	14,772	15,265	15,300	15,309	15,438	15,440	15,462	15,359	15,752	15,761	15,733	15,662	15,335
Females, 20 years and over													
Total noninstitutional population [1]	81,453	81,583	81,711	81,822	81,945	82,074	82,193	82,305	82,415	82,523	82,643	82,753	82,858
Civilian noninstitutional population [1]	81,308	81,438	81,551	81,671	81,792	81,923	82,038	82,151	82,259	82,367	82,478	82,591	82,707
Civilian labor force	42,638	42,581	42,582	42,666	42,744	42,831	42,987	42,983	42,868	43,031	43,243	43,331	43,683
Percent of civilian population	52.4	52.3	52.3	52.2	52.3	52.3	52.4	52.2	52.1	52.2	52.3	52.4	52.4
Employed	39,737	39,757	39,813	39,841	39,826	39,814	39,873	39,713	39,764	39,744	39,807	39,715	40,375
Percent of total population	48.8	48.7	48.7	48.7	48.7	48.5	48.5	48.3	48.2	48.2	48.2	48.0	48.4
Agriculture	605	585	593	639	638	596	633	572	649	528	535	501	534
Nonagricultural industries	39,132	39,172	39,220	39,202	39,188	39,218	39,241	39,141	39,115	39,116	39,172	39,114	39,841
Unemployed	2,871	2,824	2,772	2,825	2,918	3,017	3,114	3,270	3,104	3,286	3,435	3,586	3,308
Unemployment rate	6.7	6.6	6.5	6.6	6.8	7.0	7.2	7.4	7.2	7.6	7.9	8.3	8.1
Not in labor force	38,700	38,853	38,879	39,005	39,048	39,089	39,051	39,268	39,392	39,336	39,235	39,293	39,324
Both sexes, 16-19 years													
Total noninstitutional population [1]	16,579	16,544	16,513	16,459	16,429	16,393	16,334	16,313	16,264	16,228	16,189	16,146	16,135
Civilian noninstitutional population [1]	16,270	16,249	16,213	16,164	16,131	16,093	16,037	15,995	15,955	15,913	15,902	15,861	15,820
Civilian labor force	9,206	8,759	8,834	8,932	9,330	9,626	9,628	9,631	8,943	8,536	8,589	8,516	8,919
Percent of civilian population	56.6	53.9	54.5	55.1	57.1	59.8	60.0	60.2	56.2	53.6	54.0	53.7	56.4
Employed	7,424	7,076	7,130	7,208	7,329	7,525	7,443	7,273	6,771	6,748	6,579	6,537	6,782
Percent of total population	44.8	42.8	43.2	43.8	44.6	45.9	45.6	45.5	41.6	41.6	41.3	41.1	42.1
Agriculture	410	384	359	373	357	359	353	325	373	339	335	325	393
Nonagricultural industries	7,014	6,692	6,771	6,835	6,772	6,966	6,933	6,952	6,398	6,409	6,243	6,211	6,392
Unemployed	1,782	1,683	1,704	1,724	1,749	1,801	1,986	1,858	1,972	1,788	1,873	1,979	2,037
Unemployment rate	19.4	19.2	19.3	19.3	18.7	18.7	20.4	21.4	21.5	21.7	22.3	23.3	23.1
Not in labor force	7,064	7,490	7,379	7,267	7,243	7,257	7,211	7,364	7,312	7,227	7,353	7,245	7,304

[1] The population and Armed Forces figures are not adjusted for seasonal variations.

NOTE: Detail for the household data shown in tables A-33 through A-42 will not necessarily add to totals, because of the independent seasonal adjustment of the various series.

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HOUSEHOLD DATA
SEASONALLY ADJUSTED

A-34. Full- and part-time status of the civilian labor force, seasonally adjusted

(Numbers in thousands)

Full- and part-time status	1981								1982				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May
FULL TIME													
Total, 16 years and over													
Civilian labor force	93,324	92,526	92,971	92,775	92,801	93,339	93,607	93,855	93,129	93,421	93,660	93,890	94,519
Employed	86,693	85,949	86,506	86,378	86,044	86,155	86,062	85,729	85,324	85,523	85,535	85,239	85,903
Unemployed	6,631	6,577	6,465	6,403	6,757	7,184	7,545	8,127	7,805	7,897	8,125	8,651	8,717
Unemployment rate	7.1	7.1	6.9	6.9	7.3	7.7	8.1	8.7	8.4	8.5	8.9	9.2	9.2
PART TIME													
Total, 16 years and over													
Civilian labor force	15,868	15,924	15,838	16,371	15,662	15,633	15,721	15,393	15,353	15,632	15,870	15,836	15,911
Employed	14,350	14,432	14,337	14,525	14,160	14,198	14,125	13,982	14,337	13,951	13,926	14,112	14,237
Unemployed	1,518	1,492	1,471	1,545	1,502	1,492	1,596	1,417	1,515	1,681	1,944	1,724	1,674
Unemployment rate	9.6	9.2	9.3	9.5	9.6	9.5	10.2	9.2	9.6	10.8	10.0	10.9	10.5

NOTE: Persons on part-time schedules for economic reasons are included in the full-time employed category; unemployed persons are allocated by whether seeking full- or part-time work.

A-35. Employment status by race, sex, and age, seasonally adjusted

(Numbers in thousands)

Race, sex, and age	1981								1982				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May
WHITE													
Total, 16 years and over													
Civilian labor force	95,986	94,837	95,129	95,163	94,884	95,335	95,535	95,329	95,120	95,333	95,508	95,915	96,641
Employed	89,237	88,799	89,170	89,221	88,628	88,734	88,498	88,013	87,955	87,990	87,956	87,988	88,450
Unemployed	6,429	6,038	5,956	5,942	6,256	6,601	7,037	7,316	7,165	7,344	7,552	8,026	8,191
Unemployment rate	6.7	6.4	6.3	6.2	6.6	6.9	7.4	7.7	7.5	7.7	7.9	8.4	8.5
Males, 20 years and over													
Civilian labor force	50,926	50,633	50,598	50,701	50,712	50,811	50,981	50,943	50,757	50,812	50,933	51,124	51,394
Employed	48,092	47,919	48,157	48,350	47,948	47,790	47,549	47,449	47,410	47,430	47,351	47,393	47,535
Unemployed	2,828	2,694	2,541	2,351	2,764	3,021	3,232	3,499	3,347	3,382	3,552	3,731	3,859
Unemployment rate	5.6	5.3	5.0	4.6	5.5	5.9	6.4	6.9	6.6	6.7	7.0	7.3	7.5
Females, 20 years and over													
Civilian labor force	36,597	35,493	36,012	36,554	36,294	36,742	36,832	36,733	36,598	36,860	37,038	37,179	37,423
Employed	34,422	34,404	34,481	34,534	34,155	34,117	34,513	34,363	34,380	34,427	34,475	34,489	34,682
Unemployed	2,175	2,086	2,131	2,020	2,139	2,225	2,319	2,365	2,319	2,433	2,564	2,690	2,740
Unemployment rate	5.9	5.7	5.8	5.5	5.9	6.1	6.3	6.4	6.3	6.6	6.9	7.2	7.3
Both sexes, 16 to 19 years													
Civilian labor force	8,149	7,759	7,316	7,908	7,878	7,912	7,822	7,643	7,565	7,662	7,537	7,712	7,819
Employed	6,723	6,459	6,582	6,637	6,525	6,427	6,335	6,193	6,165	6,133	6,130	6,106	6,233
Unemployed	1,426	1,338	1,234	1,271	1,353	1,485	1,485	1,455	1,499	1,529	1,437	1,606	1,586
Unemployment rate	17.5	15.8	16.4	16.1	17.2	17.7	19.3	19.3	19.6	20.0	19.0	20.8	20.3
BLACK AND OTHER													
Total, 16 years and over													
Civilian labor force	13,649	13,365	13,339	13,632	13,617	13,697	13,757	13,773	13,734	13,857	13,813	13,768	14,097
Employed	11,781	11,543	11,672	11,524	11,607	11,511	11,661	11,613	11,532	11,653	11,515	11,446	11,559
Unemployed	1,868	1,822	1,667	2,108	2,010	2,185	2,096	2,163	2,202	2,204	2,294	2,322	2,429
Unemployment rate	13.7	13.2	13.8	14.7	14.8	15.2	15.2	15.7	16.1	15.9	16.6	16.9	17.2
Males, 20 years and over													
Civilian labor force	6,547	6,479	6,434	6,556	6,551	6,573	6,595	6,614	6,563	6,649	6,620	6,704	6,759
Employed	5,779	5,682	5,722	5,745	5,715	5,711	5,694	5,647	5,630	5,588	5,622	5,667	5,739
Unemployed	768	797	762	811	836	862	901	967	933	981	998	1,037	1,020
Unemployment rate	11.7	12.3	11.9	12.4	12.8	13.1	13.7	14.6	14.2	14.5	15.1	15.5	15.5
Females, 20 years and over													
Civilian labor force	6,041	6,061	6,062	6,087	6,085	6,095	6,107	6,163	6,152	6,163	6,199	6,185	6,324
Employed	5,305	5,340	5,321	5,313	5,281	5,301	5,359	5,355	5,388	5,338	5,321	5,248	5,407
Unemployed	736	741	741	774	804	795	788	808	764	826	878	897	917
Unemployment rate	12.2	12.2	12.2	12.7	13.2	13.0	12.9	13.1	12.4	13.4	14.2	14.6	14.5
Both sexes, 16 to 19 years													
Civilian labor force	1,061	1,005	993	989	981	1,028	1,015	995	989	1,044	991	919	1,014
Employed	697	621	629	566	611	599	608	603	514	627	573	531	553
Unemployed	364	384	364	423	370	429	407	389	375	417	418	388	461
Unemployment rate	34.3	38.2	36.7	42.8	37.7	41.7	40.1	39.3	37.9	39.9	42.2	42.2	45.5

A-36. Major unemployment indicators, seasonally adjusted

(Unemployment rates)

Category	1981								1982				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May
CHARACTERISTIC													
Total (all civilian workers)	7.5	7.4	7.2	7.3	7.5	8.0	8.3	8.8	8.5	8.8	9.0	9.4	9.5
Males, 20 years and over	6.3	6.1	5.8	6.0	6.2	6.7	7.1	7.3	7.5	7.6	7.9	8.2	8.4
Females, 20 years and over	6.7	6.6	6.7	6.6	6.9	7.0	7.2	7.4	7.2	7.6	7.9	8.3	8.3
Both sexes, 16-19 years	19.4	19.2	18.7	19.0	19.7	20.4	21.4	21.5	21.7	22.3	21.9	23.0	23.1
White	6.7	6.6	6.3	6.2	6.6	7.0	7.4	7.7	7.5	7.7	7.9	8.4	8.5
Black and other	13.7	14.2	13.8	14.7	14.8	15.2	15.2	15.7	15.1	15.9	16.6	16.9	17.2
Married men, spouse present	4.3	4.4	3.9	4.0	4.4	4.8	5.2	5.7	5.3	5.3	5.5	6.0	6.1
Married women, spouse present	5.8	5.7	5.7	5.5	6.0	6.1	6.5	6.5	6.2	7.0	7.1	7.8	7.4
Women who maintain families	10.4	10.7	11.2	10.1	10.7	10.6	10.8	10.5	10.4	10.2	10.5	11.5	11.8
Full-time workers	7.1	7.1	6.8	6.9	7.3	7.7	8.1	8.7	8.4	8.5	8.9	9.2	9.2
Part-time workers	9.6	9.2	9.3	9.6	9.5	9.5	10.2	9.2	9.6	10.8	10.9	10.9	10.5
Unemployed 15 weeks and over[1]	2.3	2.2	2.0	2.3	2.1	2.1	2.2	2.2	2.2	2.5	2.7	2.7	3.0
Labor force time lost[2]	8.6	7.9	7.9	7.9	8.5	9.1	9.5	10.1	10.0	9.8	10.3	10.4	11.1
OCCUPATION													
White collar workers	4.0	3.9	3.8	3.9	4.1	4.1	4.2	4.5	4.2	4.6	4.8	4.9	4.8
Professional and technical	2.6	2.6	2.8	2.5	2.3	2.6	2.7	3.4	2.9	3.1	3.2	3.2	3.3
Managers and administrators, except farm	2.5	2.7	2.6	2.7	2.7	2.8	3.0	3.1	2.7	3.1	3.3	3.3	3.5
Sales workers	4.5	4.3	4.9	4.7	5.0	4.9	5.0	4.9	4.5	4.8	5.8	5.6	5.2
Clerical workers	5.6	5.4	5.7	5.7	5.3	5.0	5.0	5.2	6.3	6.7	6.9	7.2	6.8
Blue collar workers	9.3	9.8	9.5	9.5	10.2	10.9	11.8	12.7	12.5	12.5	12.9	13.7	13.5
Craft and kindred workers	7.2	7.1	6.9	7.0	7.7	8.3	8.5	9.3	9.0	8.4	9.1	9.6	9.4
Operatives, except transport	11.8	11.1	11.1	11.1	11.5	12.8	13.1	15.5	15.4	15.4	15.9	16.9	16.5
Transport equipment operatives	8.2	8.1	7.3	8.0	8.7	9.0	10.4	13.5	10.2	10.3	10.4	10.7	11.3
Nonfarm laborers	13.5	14.7	14.4	13.2	14.5	15.6	16.0	16.3	16.9	17.9	17.9	19.2	18.3
Service workers	9.4	8.9	8.0	8.9	9.3	9.3	9.7	9.6	9.2	9.8	10.2	11.1	11.3
Farm workers	5.2	5.2	4.8	5.4	4.3	5.2	5.2	6.4	5.9	4.9	5.4	5.8	8.3
INDUSTRY													
Nonagricultural private wage and salary workers[3]	7.7	7.4	7.2	7.3	7.7	8.1	8.4	9.1	8.8	9.0	9.5	9.9	9.9
Construction	15.7	16.1	15.2	15.2	16.3	17.6	17.8	18.1	18.7	18.1	17.9	19.4	18.8
Manufacturing	7.8	7.4	7.3	7.0	7.9	8.6	9.4	11.0	10.4	10.6	10.8	11.3	11.5
Durable goods	7.4	7.1	7.1	6.5	7.7	8.6	9.5	11.3	11.0	11.3	10.8	11.9	12.2
Nondurable goods	8.6	7.9	7.6	7.9	8.3	8.6	9.3	9.6	9.5	9.5	10.9	10.5	10.7
Transportation	5.7	4.9	4.1	4.8	4.2	4.8	5.5	5.3	6.4	5.9	5.6	7.0	6.5
Wholesale and retail trade	8.3	7.7	7.9	7.9	8.5	8.4	8.6	8.9	8.7	9.0	10.3	10.1	10.5
Finance and service industries	5.8	5.8	5.7	5.7	6.0	6.2	6.1	6.4	5.9	6.5	6.9	7.0	6.9
Government workers	4.7	4.6	4.6	4.5	4.7	4.7	5.2	5.0	4.8	5.2	4.9	5.3	5.0
Agricultural wage and salary workers	11.0	13.3	10.7	12.3	11.3	13.4	14.1	14.3	15.2	12.8	14.3	14.6	18.2

[1] Unemployment as a percent of the civilian labor force.

[2] Aggregate hours lost by the unemployed and persons on part time for economic reasons as a percent of potentially available labor force hours.

[3] Includes mining, not shown separately.

A-37. Unemployed persons by duration of unemployment, seasonally adjusted

(Numbers in thousands)

Weeks of unemployment	1981								1982				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May
DURATION													
Less than 5 weeks	3,378	3,333	3,323	3,326	3,529	3,737	3,852	4,037	3,852	3,789	3,825	3,958	3,874
5 to 14 weeks	2,606	2,423	2,312	2,469	2,585	2,586	2,382	3,016	3,068	3,052	3,078	3,304	3,323
15 weeks and over	2,231	2,383	2,170	2,217	2,248	2,292	2,354	2,372	2,399	2,724	2,954	3,015	3,296
15 to 26 weeks	1,061	1,227	1,096	1,078	1,146	1,166	1,229	1,189	1,210	1,445	1,605	1,508	1,534
27 weeks and over	1,170	1,156	1,074	1,139	1,102	1,126	1,135	1,183	1,190	1,278	1,349	1,507	1,552
Mean duration, in weeks	13.3	14.3	14.1	14.3	13.7	13.6	13.1	12.3	13.5	14.1	13.9	13.2	14.5
Median duration, in weeks	7.3	6.7	7.0	7.0	6.9	6.8	6.9	6.7	7.2	7.3	7.6	8.5	9.3
PERCENT DISTRIBUTION													
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5 weeks	41.1	43.8	42.6	41.5	42.2	42.7	42.3	42.3	41.3	39.6	38.8	38.5	37.0
5 to 14 weeks	31.7	30.0	29.6	30.8	30.9	30.9	31.7	32.0	32.9	31.9	31.2	32.1	31.7
15 weeks and over	27.2	29.2	27.8	27.7	26.9	26.4	25.0	25.2	25.7	28.5	30.0	29.3	31.4
15 to 26 weeks	12.9	15.2	14.0	13.5	13.7	13.4	13.5	12.5	13.0	15.1	16.3	14.7	15.3
27 weeks and over	14.2	14.0	13.8	14.2	13.2	13.0	12.5	12.5	12.8	13.4	13.7	14.7	15.8

HOUSEHOLD DATA
SEASONALLY ADJUSTED

A-38. Unemployment rates by sex and age, seasonally adjusted

Sex and age	1981								1982				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May
Total, 16 years and over	7.5	7.4	7.2	7.3	7.5	8.0	8.3	8.8	8.5	8.8	9.0	9.4	9.5
16 to 19 years	19.4	19.2	18.7	19.0	19.7	20.4	21.4	21.5	21.7	22.3	21.9	23.0	23.1
16 to 17 years	21.3	22.6	19.8	20.9	21.4	21.5	22.6	21.9	21.9	22.7	22.7	24.6	25.3
18 to 19 years	17.7	17.5	17.8	17.5	18.5	20.0	20.5	21.2	21.3	22.0	21.3	21.9	21.3
20 to 24 years	12.0	12.1	11.5	12.1	12.3	12.7	13.0	13.5	13.5	14.1	14.2	14.7	14.3
25 years and over	5.2	5.3	5.2	5.2	5.4	5.7	5.9	6.3	6.3	6.4	6.8	7.0	7.1
25 to 54 years	5.9	5.8	5.5	5.5	5.8	6.2	6.5	6.9	6.7	6.8	7.3	7.4	7.7
55 years and over	3.4	3.5	3.5	3.5	3.3	3.8	3.8	4.1	4.2	4.3	4.5	5.0	4.8
Males, 16 years and over	7.1	7.2	6.7	7.1	7.1	7.7	8.3	8.3	8.6	8.7	9.0	9.4	9.5
16 to 19 years	20.3	20.6	18.8	19.8	19.4	20.1	21.8	22.3	22.1	22.5	23.5	24.4	24.0
16 to 17 years	22.3	24.9	19.9	21.5	21.5	21.1	22.7	22.3	21.0	23.0	24.3	26.7	25.3
18 to 19 years	18.0	18.2	17.9	18.3	18.7	19.3	21.0	22.2	21.4	22.1	22.9	24.3	21.9
20 to 24 years	13.8	12.9	11.6	12.9	13.1	13.4	14.4	14.8	14.9	15.4	15.7	16.0	15.5
25 years and over	4.7	5.0	4.7	4.9	5.0	5.5	5.8	5.5	5.3	5.3	6.5	6.9	6.9
25 to 54 years	5.1	5.2	5.0	5.2	5.5	5.9	6.3	6.3	6.7	6.7	7.1	7.2	7.5
55 years and over	3.4	3.4	3.4	3.4	3.3	3.7	3.7	4.4	4.3	4.2	4.8	5.1	4.7
Females, 16 years and over	7.9	7.7	7.8	7.7	8.0	8.2	8.4	9.3	8.4	8.9	9.0	9.4	9.5
16 to 19 years	18.7	18.4	18.6	18.2	19.5	20.7	20.9	20.5	21.2	22.1	20.1	21.2	22.1
16 to 17 years	20.2	21.1	19.7	20.3	21.2	21.9	22.5	21.1	20.6	22.5	20.8	24.5	24.1
18 to 19 years	17.4	16.8	17.7	16.9	18.4	20.6	19.9	20.3	21.1	21.9	19.6	19.4	20.5
20 to 24 years	11.2	11.2	11.3	11.1	11.4	11.5	11.3	12.3	11.9	12.7	12.6	13.3	12.9
25 years and over	5.6	5.7	5.8	5.6	6.0	6.1	6.4	6.8	6.3	6.5	7.0	7.2	7.4
25 to 54 years	6.9	6.8	6.7	6.8	6.9	6.9	6.8	6.9	6.7	7.0	7.5	7.7	8.0
55 years and over	3.4	3.5	3.7	3.7	4.3	4.0	3.8	3.7	4.1	4.3	4.3	4.8	5.0

A 39 Unemployed persons by reason for unemployment, seasonally adjusted

Reason for unemployment	1981								1982				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May
NUMBER OF UNEMPLOYED													
Both sexes, 16 years and over													
Job losers	4,032	4,173	3,867	4,106	4,426	4,573	4,935	5,343	5,205	5,153	5,522	5,906	5,901
On layoff	1,357	1,302	1,225	1,276	1,452	1,531	1,825	2,042	1,860	1,740	1,828	1,946	1,959
Other job losers	2,675	2,871	2,642	2,830	2,974	2,942	3,079	3,301	3,345	3,413	3,794	3,959	3,932
Job leavers	1,004	896	926	879	921	976	916	923	835	969	985	937	974
Reentrants	2,106	2,019	2,078	2,034	2,058	2,178	2,339	2,244	2,379	2,277	2,249	2,365	2,438
New entrants	956	973	940	971	977	1,302	995	1,021	1,055	1,100	1,044	1,081	1,154
PERCENT DISTRIBUTION													
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers	49.8	51.6	49.5	51.4	52.8	52.4	53.6	56.1	55.7	54.3	57.4	57.4	56.9
On layoff	16.8	16.1	15.7	16.0	17.3	18.7	19.9	21.4	20.3	18.3	18.7	18.9	19.0
Other job losers	33.0	35.5	33.8	35.4	35.5	33.7	33.6	34.5	36.5	35.9	38.7	38.5	37.9
Job leavers	12.4	11.1	11.9	11.0	11.0	11.2	10.0	9.7	9.1	10.2	9.0	9.1	9.4
Reentrants	26.0	25.2	26.6	25.5	24.6	25.0	25.5	23.5	22.7	24.0	22.9	23.0	23.5
New entrants	11.8	12.0	12.0	12.2	11.7	11.5	10.9	10.7	11.5	11.6	10.7	10.5	11.1
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE													
Job losers	3.7	3.8	3.6	3.8	4.1	4.2	4.5	4.9	4.8	4.7	5.1	5.4	5.4
Job leavers	.9	.8	.9	.8	.8	.9	.8	.8	.8	.9	.8	.9	.9
Reentrants	1.9	1.9	1.9	1.9	1.9	2.0	2.1	2.1	1.9	2.1	2.1	2.2	2.2
New entrants	.9	.9	.9	.9	.9	.9	.9	.9	1.0	1.0	1.0	1.0	1.0

A 40. Employed persons by sex and age, seasonally adjusted

(In thousands)

Sex and age	1981								1982				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May
Total, 16 years and over	101,045	100,430	100,364	100,343	100,258	100,343	100,172	99,511	99,581	99,590	99,492	99,343	100,117
16 to 19 years	7,424	7,076	7,130	7,206	7,139	7,025	6,943	6,773	6,771	6,748	6,679	6,817	6,732
16 to 17 years	2,949	2,709	2,835	2,840	2,836	2,769	2,763	2,723	2,705	2,630	2,642	2,690	2,629
18 to 19 years	4,464	4,350	4,326	4,345	4,326	4,260	4,192	4,083	4,065	4,067	4,063	4,127	4,157
20 to 24 years	14,178	14,094	14,264	14,134	14,086	14,078	13,973	13,935	13,916	13,788	13,811	13,730	13,823
25 years and over	79,464	79,330	79,464	79,453	79,328	79,228	79,202	78,981	78,960	79,045	78,978	78,875	79,557
25 to 54 years	64,798	64,754	64,930	65,014	64,876	64,829	64,863	64,567	64,722	64,853	64,843	64,673	65,344
55 years and over	14,640	14,542	14,535	14,471	14,372	14,377	14,337	14,332	14,282	14,158	14,299	14,249	14,444
Males, 16 years and over	57,793	57,279	57,340	57,551	57,471	57,286	57,051	56,725	56,829	56,858	55,472	55,401	56,823
16 to 19 years	3,909	3,682	3,765	3,760	3,778	3,762	3,697	3,603	3,582	3,561	3,465	3,512	3,533
16 to 17 years	1,503	1,412	1,498	1,501	1,533	1,522	1,495	1,448	1,446	1,439	1,387	1,385	1,417
18 to 19 years	2,379	2,260	2,251	2,257	2,266	2,241	2,204	2,163	2,136	2,123	2,099	2,127	2,134
20 to 24 years	7,531	7,483	7,546	7,562	7,523	7,449	7,373	7,333	7,321	7,288	7,246	7,235	7,231
25 years and over	46,374	46,168	46,253	46,234	46,160	46,045	45,943	45,733	45,886	45,786	45,762	45,782	45,957
25 to 54 years	37,560	37,448	37,537	37,565	37,519	37,406	37,364	37,332	37,127	37,235	37,173	37,174	37,351
55 years and over	8,814	8,729	8,716	8,673	8,658	8,621	8,593	8,533	8,582	8,[illegible]33	8,578	8,591	8,641
Females, 16 years and over	43,252	43,151	43,224	43,239	42,787	43,077	43,121	42,888	42,952	42,932	43,020	42,940	43,297
16 to 19 years	3,515	3,394	3,418	3,446	3,361	3,263	3,243	3,175	3,189	3,187	3,214	3,225	3,222
16 to 17 years	1,446	1,297	1,337	1,339	1,303	1,247	1,273	1,255	1,259	1,251	1,255	1,225	1,212
18 to 19 years	2,105	2,090	2,065	2,088	2,060	2,019	1,984	1,925	1,931	1,944	1,956	2,007	2,009
20 to 24 years	6,647	6,611	6,618	6,632	6,563	6,629	6,597	6,555	6,495	6,500	6,565	6,523	6,554
25 years and over	33,088	33,162	33,211	33,239	32,868	33,182	33,282	33,172	33,274	33,259	33,216	33,192	33,542
25 to 54 years	27,238	27,306	27,423	27,449	27,157	27,423	27,504	27,475	27,595	27,618	27,475	27,476	27,719
55 years and over	5,826	5,813	5,739	5,732	5,714	5,756	5,747	5,724	5,701	5,635	5,721	5,737	5,833

A 41. Unemployed persons by sex and age, seasonally adjusted

(In thousands)

Sex and age	1981								1982				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May
Total, 16 years and over	8,248	8,004	7,824	7,975	8,236	8,653	9,133	9,571	9,298	9,575	9,854	10,137	10,343
16 to 19 years	1,782	1,663	1,554	1,634	1,749	1,901	1,886	1,853	1,872	1,936	1,870	1,979	2,037
16 to 17 years	799	791	699	746	772	757	803	759	760	792	775	851	891
18 to 19 years	984	924	938	931	983	1,062	1,083	1,093	1,098	1,149	1,095	1,133	1,126
20 to 24 years	2,047	1,942	1,847	1,963	1,972	2,054	2,093	2,163	2,151	2,271	2,293	2,374	2,333
25 years and over	4,331	4,398	4,324	4,378	4,515	4,698	5,154	5,481	5,282	5,401	5,748	5,962	6,045
25 to 54 years	3,871	3,845	3,786	3,819	4,019	4,255	4,535	4,804	4,649	4,756	5,065	5,186	5,428
55 years and over	509	522	534	525	572	574	562	620	524	530	691	752	712
Males, 16 years and over	4,571	4,415	4,171	4,385	4,506	4,738	5,133	5,578	5,338	5,384	5,610	5,846	6,029
16 to 19 years	976	918	873	925	937	947	1,029	1,035	1,016	1,033	1,062	1,134	1,125
16 to 17 years	442	445	372	411	421	438	438	424	433	429	445	456	505
18 to 19 years	521	502	494	505	521	537	587	616	581	604	621	647	605
20 to 24 years	1,206	1,106	1,005	1,123	1,131	1,196	1,245	1,273	1,284	1,324	1,346	1,377	1,333
25 years and over	2,280	2,405	2,292	2,351	2,455	2,673	2,934	3,139	3,255	3,371	3,247	3,383	3,422
25 to 54 years	2,001	2,065	1,993	2,067	2,173	2,346	2,522	2,762	2,662	2,675	2,823	2,935	3,031
55 years and over	307	311	313	303	317	333	331	337	383	377	431	461	428
Females, 16 years and over	3,677	3,589	3,653	3,593	3,730	3,871	3,967	3,993	3,960	4,191	4,243	4,461	4,523
16 to 19 years	806	765	781	763	812	854	858	818	856	935	808	875	912
16 to 17 years	357	346	327	335	351	349	373	335	327	363	330	397	385
18 to 19 years	449	422	449	425	462	525	493	482	517	545	479	483	520
20 to 24 years	841	836	842	829	841	863	843	890	877	947	947	998	959
25 years and over	2,051	1,953	2,032	1,957	2,085	2,158	2,257	2,252	2,228	2,330	2,501	2,578	2,573
25 to 54 years	1,870	1,780	1,796	1,752	1,837	1,909	2,014	2,042	1,987	2,081	2,245	2,291	2,397
55 years and over	202	211	224	223	255	241	229	223	241	253	263	291	334

HOUSEHOLD DATA
SEASONALLY ADJUSTED

A-42. Employed persons by selected social and economic categories, seasonally adjusted

(In thousands)

Category	1981								1982				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May
CHARACTERISTIC													
Total, 16 years and over	101045	100430	100854	100840	100259	100343	100172	99,613	99,381	99,590	99,492	99,340	100117
Married men, spouse present	39,120	38,930	38,961	38,961	38,855	38,746	38,553	38,342	38,234	38,255	38,181	38,142	38,312
Married women, spouse present	24,192	24,106	24,159	24,343	23,626	23,574	23,823	23,691	23,744	23,727	23,930	23,831	24,213
OCCUPATION													
White-collar workers	53,016	52,957	52,937	53,141	52,908	53,139	53,385	53,084	52,836	52,841	52,763	53,177	53,735
Professional and technical	16,093	16,410	16,364	16,621	16,598	16,531	16,657	16,774	16,303	16,612	16,559	15,844	16,818
Managers and administrators, except farm	11,488	11,411	11,578	11,463	11,533	11,516	11,461	11,424	11,391	11,253	11,311	11,501	11,541
Sales workers	6,562	6,513	6,373	6,490	6,441	6,400	6,418	6,453	6,520	6,544	6,537	6,603	6,587
Clerical workers	18,873	18,623	18,592	18,570	18,336	18,502	18,550	18,435	18,423	18,432	18,155	18,229	18,759
Blue-collar workers	31,796	31,538	31,580	31,611	31,266	30,953	30,583	30,384	30,203	30,309	30,416	29,924	29,925
Craft and kindred workers	12,911	12,749	12,787	12,724	12,514	12,446	12,411	12,445	12,173	12,454	12,511	12,492	12,315
Operatives, except transport	10,716	10,703	10,719	10,658	10,524	10,410	10,223	10,169	9,966	9,955	9,860	9,688	9,585
Transport equipment operatives	3,486	3,493	3,526	3,530	3,506	3,533	3,436	3,368	3,415	3,503	3,397	3,400	3,419
Nonfarm laborers	4,703	4,593	4,548	4,699	4,722	4,517	4,514	4,361	4,451	4,397	4,548	4,343	4,507
Service workers	13,470	13,214	13,526	13,282	13,391	13,525	13,573	13,639	13,709	13,612	13,526	13,555	13,738
Farm workers	2,748	2,710	2,727	2,753	2,743	2,770	2,332	2,663	2,317	2,787	2,710	2,623	2,731
MAJOR INDUSTRY AND CLASS OF WORKER													
Agriculture													
Wage and salary workers	1,499	1,437	1,495	1,501	1,461	1,532	1,436	1,352	1,377	1,426	1,416	1,423	1,541
Self-employed workers	1,654	1,554	1,593	1,638	1,583	1,531	1,541	1,602	1,674	1,596	1,594	1,664	1,698
Unpaid family workers	235	263	244	256	256	261	321	223	380	359	277	270	236
Nonagricultural industries													
Wage and salary workers	90,402	89,538	89,971	89,995	89,376	89,450	89,238	88,991	88,759	88,586	88,525	88,322	89,051
Government	15,776	15,737	15,637	15,526	15,475	15,491	15,397	15,585	15,578	15,527	15,492	15,453	15,422
Private industries	74,626	73,801	74,334	74,469	73,901	73,959	73,841	73,405	73,181	73,059	73,034	72,869	73,629
Private households	1,192	1,177	1,216	1,259	1,102	1,152	1,204	1,291	1,248	1,161	1,225	1,132	1,202
Other industries	73,434	72,624	73,118	73,210	72,799	72,807	72,637	72,115	71,932	71,898	71,809	71,677	72,427
Self-employed workers	6,966	7,128	7,071	7,103	7,217	7,152	7,141	7,057	6,971	7,055	7,126	7,264	7,259
Unpaid family workers	356	376	389	387	399	451	425	413	413	408	434	413	382
PERSONS AT WORK[1]													
Nonagricultural industries	91,745	91,500	92,532	91,569	90,878	91,384	91,323	90,922	90,125	90,892	90,348	90,596	91,282
Full-time schedules	74,871	74,693	75,620	74,467	73,794	73,886	73,915	73,363	72,333	73,028	72,549	72,335	73,335
Part-time for economic reasons	4,264	4,033	4,374	4,350	4,656	5,309	5,026	5,288	5,371	5,563	5,717	5,834	5,763
Usually work full-time	1,657	1,455	1,633	1,729	1,759	2,305	1,945	2,121	1,783	2,193	2,237	2,223	2,211
Usually work part-time	2,607	2,568	2,694	2,621	2,897	3,003	3,081	3,167	3,287	3,370	3,480	3,611	3,552
Part time for noneconomic reasons	12,610	12,774	12,538	12,752	12,428	12,489	12,382	12,274	12,251	12,300	12,183	12,427	12,483

[1] Excludes persons "with a job but not at work" during the survey period for such reasons as vacation, illness, or industrial dispute.

A-43. Employment status of male Vietnam-era veterans and nonveterans by age

(Numbers in thousands)

Veteran status and age	Not seasonally adjusted									
	Civilian noninstitutional population		Civilian labor force							
			Total		Employed		Unemployed			
							Number		Percent of labor force	
	May 1981	May 1982	May 1981	May 1982	May 1981	May 1982	May 1981	May 1982	May 1981	May 1982
VETERANS										
Total, 25 years and over	8,526	8,682	8,085	8,220	7,649	7,535	435	685	5.4	8.3
25 to 39 years	7,323	7,172	7,039	6,898	6,636	6,275	403	621	5.7	9.0
25 to 29 years	1,516	1,252	1,423	1,160	1,293	964	133	196	9.3	15.9
30 to 34 years	3,368	2,988	3,254	2,880	3,078	2,664	176	216	5.4	7.5
35 to 39 years	2,439	2,932	2,362	2,856	2,268	2,647	94	209	4.0	7.3
40 years and over	1,203	1,510	1,046	1,324	1,013	1,260	33	64	3.2	4.8
NONVETERANS										
Total, 25 to 39 years	17,098	18,089	15,276	17,164	15,349	15,762	927	1,402	5.7	8.2
25 to 29 years	7,818	8,130	7,411	7,670	6,919	6,958	492	712	6.6	9.3
30 to 34 years	5,416	5,906	5,172	5,650	4,879	5,207	293	443	5.7	7.8
35 to 39 years	3,864	4,053	3,693	3,844	3,551	3,597	142	247	3.8	6.4

NOTE: Vietnam-era veterans are males who served in the Armed Forces between August 5, 1964 and May 7, 1975. Nonveterans are males who have never served in the Armed Forces; published data are limited to those 25 to 39 years of age, the group that most closely corresponds to the bulk of the Vietnam-era veteran population.

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B-1. Employees on nonagricultural payrolls by industry division, 1930 to date

(In thousands)

Year and month	Total	Goods-producing				Service-producing									
		Total	Mining	Construction	Manufacturing	Total	Transportation and public utilities	Wholesale and retail trade			Finance, insurance, and real estate	Services	Government		
								Total	Wholesale trade	Retail trade			Total	Federal	State and local
Annual averages															
1930	29,409	11,958	1,009	1,387	9,562	17,451	3,685	5,797	-	-	1,460	3,361	3,148	526	2,622
1931	26,635	10,272	873	1,229	8,170	16,363	3,254	5,284	-	-	1,392	3,169	3,264	560	2,704
1932	23,615	8,647	731	985	6,931	14,968	2,816	4,683	-	-	1,326	2,918	3,225	559	2,666
1933	23,699	8,965	744	824	7,397	14,734	2,672	4,755	-	-	1,280	2,861	3,166	565	2,601
1934	25,940	10,261	883	877	8,501	15,679	2,750	5,281	-	-	1,304	3,045	3,299	652	2,647
1935	27,039	10,893	897	927	9,069	16,146	2,786	5,431	-	-	1,320	3,128	3,481	753	2,728
1936	29,068	11,933	946	1,160	9,827	17,135	2,973	5,809	-	-	1,373	3,312	3,668	826	2,842
1937	31,011	12,936	1,015	1,127	10,794	18,075	3,134	6,265	-	-	1,417	3,503	3,756	833	2,923
1938	29,194	11,401	891	1,070	9,440	17,793	2,863	6,179	-	-	1,410	3,458	3,883	829	3,054
1939	30,603	12,297	854	1,165	10,278	18,306	2,936	6,426	1,762	4,664	1,447	3,502	3,995	905	3,090
1940	32,361	13,221	925	1,311	10,985	19,140	3,038	6,750	1,835	4,914	1,483	3,665	4,202	996	3,206
1941	36,539	15,963	957	1,814	13,192	20,574	3,274	7,210	1,960	5,251	1,525	3,905	4,660	1,340	3,320
1942	40,106	18,470	992	2,198	15,280	21,636	3,460	7,118	1,906	5,212	1,509	4,066	5,483	2,213	3,270
1943	42,434	20,114	925	1,587	17,602	22,320	3,647	6,982	1,822	5,160	1,481	4,130	6,080	2,905	3,175
1944	41,864	19,328	892	1,108	17,328	22,536	3,829	7,058	1,845	5,214	1,461	4,145	6,043	2,928	3,116
1945	40,374	17,507	836	1,147	15,524	22,867	3,906	7,314	1,949	5,365	1,481	4,222	5,944	2,808	3,137
1946	41,652	17,248	862	1,683	14,703	24,404	4,061	8,376	2,291	6,084	1,675	4,697	5,595	2,254	3,341
1947	43,857	18,509	955	2,009	15,545	25,348	4,166	8,955	2,471	6,485	1,728	5,025	5,474	1,892	3,582
1948	44,866	18,774	994	2,198	15,582	26,092	4,189	9,272	2,603	6,667	1,800	5,181	5,650	1,863	3,787
1949	43,754	17,565	930	2,194	14,441	26,189	4,001	9,264	2,602	6,662	1,828	5,240	5,856	1,908	3,948
1950	45,197	18,506	901	2,364	15,241	26,691	4,034	9,386	2,635	6,751	1,888	5,357	6,026	1,928	4,098
1951	47,819	19,959	929	2,637	16,393	27,860	4,226	9,742	2,727	7,015	1,956	5,547	6,389	2,302	4,087
1952	48,793	20,198	898	2,668	16,632	28,595	4,248	10,004	2,812	7,192	2,035	5,699	6,609	2,420	4,188
1953	50,202	21,074	866	2,659	17,549	29,128	4,290	10,247	2,854	7,393	2,111	5,835	6,645	2,305	4,340
1954	48,990	19,751	791	2,646	16,314	29,239	4,084	10,235	2,867	7,368	2,200	5,969	6,751	2,188	4,563
1955	50,641	20,513	792	2,839	16,882	30,128	4,141	10,535	2,926	7,610	2,298	6,240	6,914	2,187	4,727
1956	52,369	21,104	822	3,039	17,243	31,266	4,244	10,858	3,018	7,840	2,389	6,497	7,278	2,209	5,069
1957	52,853	20,964	828	2,962	17,174	31,889	4,241	10,886	3,028	7,858	2,438	6,708	7,616	2,217	5,399
1958	51,324	19,513	751	2,817	15,945	31,811	3,976	10,750	2,980	7,770	2,481	6,765	7,839	2,191	5,648
1959[1]	53,268	20,411	732	3,004	16,675	32,857	4,011	11,127	3,082	8,045	2,549	7,087	8,083	2,233	5,850
1960	54,189	20,434	712	2,926	16,796	33,755	4,004	11,391	3,143	8,248	2,629	7,378	8,353	2,270	6,083
1961	53,999	19,857	672	2,859	16,326	34,142	3,903	11,337	3,133	8,204	2,688	7,620	8,594	2,279	6,315
1962	55,549	20,451	650	2,948	16,853	35,098	3,906	11,566	3,198	8,368	2,754	7,982	8,890	2,340	6,550
1963	56,653	20,640	635	3,010	16,995	36,013	3,903	11,778	3,248	8,530	2,830	8,277	9,225	2,358	6,868
1964	58,283	21,005	634	3,097	17,274	37,278	3,951	12,160	3,337	8,823	2,911	8,660	9,596	2,348	7,248
1965	60,765	21,926	632	3,232	18,062	38,839	4,036	12,716	3,466	9,250	2,977	9,036	10,074	2,378	7,696
1966	63,901	23,158	627	3,317	19,214	40,743	4,158	13,245	3,597	9,648	3,058	9,498	10,784	2,564	8,220
1967	65,803	23,308	613	3,248	19,447	42,495	4,268	13,606	3,689	9,917	3,185	10,045	11,391	2,719	8,672
1968	67,897	23,737	606	3,350	19,781	44,160	4,318	14,099	3,779	10,320	3,337	10,567	11,839	2,737	9,102
1969	70,384	24,361	619	3,575	20,167	46,023	4,442	14,705	3,907	10,798	3,512	11,169	12,195	2,758	9,437
1970	70,880	23,578	623	3,588	19,367	47,302	4,515	15,040	3,993	11,047	3,645	11,548	12,554	2,731	9,823
1971	71,214	22,935	609	3,704	18,623	48,278	4,476	15,352	4,001	11,351	3,772	11,797	12,881	2,696	10,185
1972	73,675	23,668	628	3,889	19,151	50,007	4,541	15,949	4,113	11,836	3,908	12,276	13,334	2,684	10,649
1973	76,790	24,893	642	4,097	20,154	51,897	4,656	16,607	4,277	12,329	4,046	12,857	13,732	2,663	11,068
1974	78,265	24,794	697	4,020	20,077	53,471	4,725	16,987	4,433	12,554	4,148	13,441	14,170	2,724	11,446
1975	76,945	22,600	752	3,525	18,323	54,345	4,542	17,060	4,415	12,645	4,165	13,892	14,686	2,748	11,937
1976	79,382	23,352	779	3,576	18,997	56,030	4,582	17,755	4,546	13,209	4,271	14,551	14,871	2,733	12,138
1977	82,471	24,346	813	3,851	19,682	58,125	4,713	18,516	4,708	13,808	4,467	15,303	15,127	2,727	12,399
1978	86,697	25,585	851	4,229	20,505	61,113	4,923	19,542	4,969	14,573	4,724	16,252	15,672	2,753	12,919
1979	89,823	26,461	958	4,463	21,040	63,363	5,136	20,192	5,204	14,989	4,975	17,112	15,947	2,773	13,174
1980	90,406	25,658	1,027	4,346	20,285	64,748	5,146	20,310	5,275	15,035	5,160	17,890	16,241	2,866	13,375
1981	91,105	25,481	1,132	4,176	20,173	65,625	5,157	20,551	5,359	15,192	5,301	18,592	16,024	2,772	13,253
Monthly data, seasonally adjusted															
1981:															
May	91,131	25,540	985	4,223	20,332	65,591	5,158	20,543	5,361	15,182	5,295	18,517	16,078	2,776	13,302
June	91,286	25,656	1,137	4,185	20,334	65,630	5,162	20,590	5,366	15,224	5,302	18,556	16,020	2,777	13,243
July	91,396	25,718	1,164	4,175	20,379	65,678	5,168	20,620	5,375	15,245	5,311	18,615	15,964	2,775	13,189
August	91,322	25,637	1,180	4,146	20,311	65,685	5,168	20,650	5,387	15,263	5,319	18,654	15,894	2,769	13,125
September	91,363	25,583	1,192	4,124	20,267	65,780	5,181	20,660	5,383	15,277	5,328	18,707	15,904	2,764	13,140
October	91,224	25,393	1,195	4,101	20,097	65,831	5,162	20,654	5,380	15,274	5,325	18,773	15,917	2,757	13,160
November	90,956	25,176	1,202	4,071	19,903	65,820	5,150	20,623	5,375	15,248	5,324	18,815	15,908	2,749	13,159
December	90,642	24,908	1,206	4,026	19,676	65,734	5,128	20,524	5,357	15,167	5,331	18,834	15,917	2,755	13,161
1982:															
January	90,460	24,684	1,201	3,966	19,517	65,776	5,125	20,630	5,346	15,284	5,326	18,831	15,864	2,741	13,123
February	90,459	24,631	1,203	3,974	19,454	65,828	5,115	20,670	5,343	15,327	5,326	18,867	15,850	2,737	13,113
March	90,304	24,450	1,197	3,934	19,319	65,854	5,100	20,655	5,336	15,319	5,330	18,904	15,859	2,736	13,123
April-P	89,993	24,226	1,182	3,890	19,154	65,767	5,089	20,583	5,320	15,263	5,328	18,924	15,843	2,730	13,113
May-P	89,969	24,177	1,158	3,899	19,120	65,792	5,064	20,629	5,325	15,304	5,327	18,920	15,852	2,728	13,124

[1] Data include Alaska and Hawaii beginning 1959. This inclusion has resulted in an increase of 212,000 (0.4 percent) in the nonagricultural total for the March 1959 benchmark month.

p = preliminary.

NOTE: In accordance with usual practice, BLS has revised establishment survey data to reflect a new benchmark and updated seasonal adjustment factors. Because of these revisions, data beginning in 1980 may differ from data published earlier. See article in this issue for additional information.

ESTABLISHMENT DATA
EMPLOYMENT

B-2. Employees on nonagricultural payrolls by industry

[In thousands]

1972 SIC Code	Industry	All employees					Production workers[1]				
		Apr. 1981	May 1981	Mar. 1982	Apr. 1982P	May 1982P	Apr. 1981	May 1981	Mar. 1982	Apr. 1982P	May 1982P
	TOTAL	90,983	91,432	89,579	89,897	90,259	-	-	-	-	-
	PRIVATE SECTOR	74,550	75,044	73,503	73,752	74,100	60,479	60,994	59,257	59,486	59,808
	MINING	968	986	1,178	1,171	1,159	701	715	855	849	840
10	METAL MINING	134.4	135.3	86.6	85.9	-	78.7	79.0	64.3	64.0	-
101	Iron ores	21.9	22.3	15.2	15.4	-	17.3	17.4	11.3	11.3	-
102	Copper ores	36.3	36.5	31.6	31.4	-	28.1	28.1	23.8	23.9	-
11, 12	COAL MINING	91.4	89.5	249.9	248.0	-	75.3	73.9	206.2	204.9	-
12	BITUMINOUS COAL AND LIGNITE MINING	87.9	88.0	246.5	244.6	-	72.7	72.6	203.2	201.8	-
13	OIL AND GAS EXTRACTION	652.7	667.8	735.3	724.8	-	454.1	467.3	505.8	495.1	-
131, 2	Crude petroleum, natural gas, and natural gas liquids	252.6	256.8	283.3	283.2	-	109.5	112.4	121.0	122.0	-
138	Oil and gas field services	400.1	411.0	452.0	441.6	-	344.6	354.9	384.8	373.1	-
14	NONMETALLIC MINERALS, EXCEPT FUELS	119.6	123.0	105.3	112.3	-	91.9	94.7	79.1	84.8	-
142	Crushed and broken stone	38.0	39.2	30.9	34.3	-	31.1	32.3	24.1	27.3	-
144	Sand and gravel	33.8	35.6	28.6	31.3	-	-	-	-	-	-
147	Chemical and fertilizer minerals	27.2	27.5	26.4	26.1	-	-	-	-	-	-
	CONSTRUCTION	4,128	4,235	3,631	3,750	3,907	3,210	3,311	2,733	2,846	3,008
15	GENERAL BUILDING CONTRACTORS	1,079.6	1,099.7	914.4	928.8	-	809.5	829.4	661.5	677.2	-
152	Residential building construction	510.9	525.6	419.5	429.3	-	370.6	384.5	287.8	298.4	-
153	Operative builders	62.8	63.1	49.0	49.8	-	33.5	34.5	24.4	25.1	-
154	Nonresidential building construction	505.9	510.0	445.9	449.2	-	405.4	410.4	349.3	353.7	-
16	HEAVY CONSTRUCTION CONTRACTORS	835.4	934.8	781.3	824.3	-	710.5	758.0	607.9	649.2	-
161	Highway and street construction	239.2	267.1	169.7	197.5	-	196.9	224.6	131.9	159.8	-
162	Heavy construction, except highway	646.2	667.7	611.6	626.8	-	513.6	533.4	476.0	489.4	-
17	SPECIAL TRADE CONTRACTORS	2,163.4	2,201.9	1,935.7	1,996.8	-	1,689.8	1,723.7	1,463.3	1,520.0	-
171	Plumbing, heating, air conditioning	515.2	514.2	465.7	481.2	-	382.2	379.4	350.6	346.7	-
172	Painting, paper hanging, decorating	128.0	135.4	112.8	121.4	-	105.1	112.2	90.2	98.0	-
173	Electrical work	405.6	406.1	382.3	388.4	-	311.1	313.6	298.3	295.4	-
174	Masonry, stonework, and plastering	328.2	332.2	275.0	288.1	-	281.0	283.7	228.7	241.4	-
175	Carpentering and flooring	121.9	125.4	102.7	105.7	-	92.0	95.4	73.4	76.1	-
176	Roofing and sheet metal work	151.1	152.7	132.5	144.6	-	120.4	122.1	101.6	113.3	-
	MANUFACTURING	20,176	20,262	19,207	19,059	19,049	14,075	14,141	13,093	12,961	12,955
24, 25, 32-39	DURABLE GOODS	12,182	12,220	11,454	11,341	11,323	8,400	8,426	7,664	7,561	7,549
20-23, 26-31	NONDURABLE GOODS	7,994	8,042	7,753	7,718	7,726	5,675	5,715	5,429	5,400	5,417
	DURABLE GOODS										
24	LUMBER AND WOOD PRODUCTS	676.5	692.6	592.0	602.2	614.1	562.9	578.2	483.9	493.6	504.3
241	Logging camps and logging contractors	76.0	81.4	67.4	68.3	-	58.8	63.8	50.9	51.4	-
242	Sawmills and planing mills	209.3	214.5	186.7	190.3	-	185.3	190.3	163.6	166.9	-
2421	Sawmills and planing mills, general	174.4	178.9	156.1	159.2	-	154.7	159.3	137.3	140.4	-
2426	Hardwood dimension and flooring	30.6	30.9	26.5	26.3	-	26.4	26.8	22.6	22.4	-
243	Millwork, plywood, and structural members	197.3	200.4	164.8	167.9	-	153.3	156.1	132.0	135.2	-
2431	Millwork	69.0	70.2	57.9	58.6	-	55.3	56.6	44.6	45.3	-
2434	Wood kitchen cabinets	47.5	47.7	38.2	39.9	-	38.3	38.4	29.6	31.2	-
2435	Hardwood veneer and plywood	25.3	25.7	22.3	22.4	-	22.2	22.7	19.3	19.6	-
2436	Softwood veneer and plywood	40.6	41.3	34.7	34.8	-	36.2	36.8	30.0	30.2	-
244	Wood containers	42.2	42.8	39.5	40.6	-	36.1	36.8	33.2	34.3	-
245	Wood buildings and mobile homes	69.3	71.4	58.8	60.9	-	50.9	52.6	42.0	43.9	-
2451	Mobile homes	49.2	50.8	45.5	47.3	-	37.5	38.8	34.2	36.0	-
249	Miscellaneous wood products	81.9	82.1	74.8	74.5	-	68.5	68.6	62.2	61.9	-
25	FURNITURE AND FIXTURES	468.7	469.5	446.3	443.9	440.7	378.4	378.9	353.6	350.8	348.3
251	Household furniture	303.7	303.1	279.7	278.1	-	254.3	254.3	230.9	228.9	-
2511	Wood household furniture	135.7	135.6	124.0	123.5	-	117.7	117.7	106.6	105.9	-
2512	Upholstered household furniture	90.1	89.9	83.5	83.3	-	74.0	74.0	66.9	66.4	-
2514	Metal household furniture	32.5	32.7	30.8	30.5	-	26.8	26.7	24.8	24.5	-
2515	Mattresses and bedsprings	30.9	30.8	28.5	28.6	-	23.7	23.7	21.5	21.4	-
252	Office furniture	53.6	53.6	54.7	54.2	-	42.0	41.8	41.9	41.7	-
253	Public building and related furniture	22.6	23.0	23.4	23.1	-	16.7	17.3	17.6	17.2	-
254	Partitions and fixtures	59.8	60.4	58.4	58.2	-	44.7	45.2	42.6	42.5	-
259	Miscellaneous furniture and fixtures	29.0	29.4	30.1	30.3	-	20.1	20.3	20.6	20.5	-

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry — Continued

[In thousands]

1972 SIC Code	Industry	All employees					Production workers[1]				
		Apr. 1981	May 1981	Mar. 1982	Apr. 1982P	May 1982P	Apr. 1981	May 1981	Mar. 1982	Apr. 1982P	May 1982P
32	**STONE, CLAY, AND GLASS PRODUCTS**	640.8	647.9	574.2	580.2	587.9	493.9	500.2	433.0	438.0	445.5
321	Flat glass	16.8	16.5	15.5	15.5	-	14.5	14.4	11.7	11.8	-
322	Glass and glassware, pressed or blown	121.1	122.4	114.6	112.3	-	102.1	103.3	96.5	94.3	-
3221	Glass containers	67.7	68.9	64.2	63.6	-	59.3	60.4	56.3	55.6	-
3229	Pressed and blown glass, nec	53.4	53.5	50.4	48.7	-	42.8	42.9	40.2	38.4	-
323	Products of purchased glass	44.2	44.4	40.9	40.6	-	30.1	30.1	27.3	26.8	-
324	Cement, hydraulic	30.5	30.3	28.4	28.8	-	24.0	24.6	22.3	22.6	-
325	Structural clay products	42.1	43.0	33.6	33.8	-	31.8	32.8	24.4	24.6	-
326	Pottery and related products	42.7	42.6	39.4	39.0	-	35.2	35.0	32.1	31.7	-
327	Concrete, gypsum, and plaster products	196.1	199.7	169.8	173.5	-	150.5	154.2	121.9	130.0	-
3271	Concrete block and brick	19.5	20.0	16.4	17.2	-	13.6	14.0	10.6	11.3	-
3272	Concrete products, nec	66.1	67.0	58.6	60.4	-	49.1	50.0	42.4	44.0	-
3273	Ready-mixed concrete	90.3	92.9	71.8	74.3	-	71.8	74.1	54.4	60.3	-
329	Misc. nonmetallic mineral products	134.2	136.1	125.4	124.7	-	96.6	97.9	87.5	86.8	-
3291	Abrasive products	27.4	27.6	26.0	25.5	-	16.6	16.6	16.8	16.2	-
3292	Asbestos products	15.9	16.1	14.5	14.3	-	12.3	12.3	10.7	10.6	-
3296	Mineral wool	29.3	29.6	27.2	26.9	-	-	-	-	-	-
33	**PRIMARY METAL INDUSTRIES**	1,142.6	1,140.0	1,004.4	977.9	960.6	883.5	879.4	753.9	729.7	719.7
331	Blast furnace and basic steel products	517.1	517.1	439.9	425.9	-	403.9	402.8	330.4	318.0	-
3312	Blast furnaces and steel mills	432.1	431.6	364.9	352.5	-	338.7	337.3	274.8	263.7	-
3317	Steel pipe and tubes	31.6	32.0	28.3	28.1	-	24.7	25.1	21.2	21.0	-
332	Iron and steel foundries	295.4	293.9	260.9	273.2	-	264.7	263.1	241.5	234.1	-
3321	Gray iron foundries	122.9	123.0	107.3	113.2	-	100.5	100.6	86.0	82.2	-
3322	Malleable iron foundries	16.6	16.3	14.1	15.7	-	12.9	12.6	10.6	11.2	-
3325	Steel foundries, nec	52.2	51.1	47.0	44.1	-	41.2	40.1	38.4	33.6	-
333	Primary nonferrous metals	70.9	70.7	62.9	62.2	-	53.3	53.4	46.0	45.1	-
3334	Primary aluminum	37.3	37.3	31.0	30.9	-	28.8	29.0	23.3	23.0	-
335	Nonferrous rolling and drawing	298.6	297.7	191.1	189.4	-	149.6	148.2	135.8	134.5	-
3351	Copper rolling and drawing	29.2	28.4	26.1	25.9	-	21.9	20.9	19.4	19.2	-
3353	Aluminum sheet, plate, and foil	35.5	35.7	30.8	30.7	-	27.3	27.4	23.5	23.5	-
3357	Nonferrous wire drawing and insulating	88.9	88.3	82.4	82.3	-	68.5	68.7	58.3	58.1	-
336	Nonferrous foundries	91.2	91.1	83.3	81.6	-	74.3	74.2	66.2	64.6	-
3361	Aluminum foundries	53.2	53.2	48.9	46.9	-	44.4	44.4	39.0	38.0	-
34	**FABRICATED METAL PRODUCTS**	1,603.3	1,605.6	1,491.3	1,474.5	1,484.3	1,184.2	1,186.9	1,076.7	1,060.8	1,057.2
341	Metal cans and shipping containers	72.4	72.5	67.7	67.3	-	61.2	61.4	57.2	56.5	-
3411	Metal cans	59.1	59.3	55.5	54.7	-	50.5	50.8	47.7	46.9	-
342	Cutlery, hand tools, and hardware	162.9	162.1	143.4	141.7	-	125.4	124.5	105.8	104.4	-
3423,5	Hand and edge tools, and hand saws and blades	55.5	55.7	50.7	49.5	-	42.5	42.6	38.3	37.3	-
3429	Hardware, nec	91.8	91.4	78.7	78.6	-	70.8	70.5	57.7	57.7	-
343	Plumbing and heating, except electric	68.2	67.9	66.7	66.1	-	49.1	48.8	46.5	45.8	-
3432	Plumbing fittings and brass goods	26.3	26.6	27.1	27.3	-	21.2	21.4	21.4	21.5	-
3433	Heating equipment, except electric	31.0	30.4	29.2	28.3	-	20.4	19.9	18.6	18.2	-
344	Fabricated structural metal products	528.1	528.3	472.5	468.0	-	365.9	366.5	314.3	319.9	-
3441	Fabricated structural metal	100.9	100.3	93.7	92.5	-	72.0	71.5	65.6	64.8	-
3442	Metal doors, sash, and trim	79.7	81.6	74.7	72.9	-	57.6	59.5	51.2	51.5	-
3443	Fabricated plate work (boiler shops)	150.8	150.3	140.7	137.3	-	91.5	90.6	83.2	80.5	-
3444	Sheet metal work	107.6	107.7	103.4	103.7	-	78.3	78.4	74.1	74.2	-
3446	Architectural metal work	30.9	30.7	28.8	28.4	-	21.9	21.8	20.0	19.4	-
345	Screw machine products, bolts, etc.	106.4	105.7	97.2	95.6	-	81.8	81.0	73.3	72.0	-
3451	Screw machine products	47.9	47.8	45.0	44.4	-	39.0	38.9	35.6	35.1	-
3452	Bolts, nuts, rivets, and washers	58.5	57.9	52.2	51.2	-	42.8	42.1	37.7	36.9	-
346	Metal forgings and stampings	264.2	266.3	234.7	233.2	-	209.8	211.9	183.7	183.4	-
3462	Iron and steel forgings	45.0	45.3	39.4	37.5	-	35.0	35.1	30.1	29.5	-
3465	Automotive stampings	98.5	100.7	84.2	85.3	-	81.6	83.8	69.6	72.2	-
3469	Metal stampings, nec	107.9	107.5	99.2	97.9	-	83.2	83.0	74.7	73.8	-
347	Metal services, nec	101.5	101.6	96.6	96.5	-	81.7	81.9	76.8	76.8	-
3471	Plating and polishing	69.6	69.6	65.1	65.2	-	56.9	57.0	52.9	53.1	-
3479	Metal coating and allied services	31.9	32.0	31.5	31.3	-	24.8	24.9	23.9	23.7	-
348	Ordnance and accessories, nec	68.9	68.9	71.3	70.8	-	44.9	44.9	45.7	45.8	-
3483	Ammunition, exc. for small arms, nec	26.6	26.6	27.0	26.6	-	17.5	17.4	17.5	17.6	-
349	Misc. fabricated metal products	250.7	252.3	241.2	235.6	-	180.4	186.0	173.4	169.2	-
3494	Valves and pipe fittings	104.4	104.8	101.6	99.5	-	72.0	72.3	68.2	66.5	-
3496	Misc. fabricated wire products	53.4	53.3	51.8	51.2	-	41.5	41.6	39.4	38.9	-
35	**MACHINERY, EXCEPT ELECTRICAL**	2,497.6	2,501.3	2,428.8	2,383.3	2,359.5	1,588.3	1,587.0	1,499.3	1,439.9	1,437.1
351	Engines and turbines	130.8	132.2	123.8	121.7	-	83.2	84.0	77.6	75.0	-
3511	Turbines and turbine generator sets	46.2	45.6	44.1	44.4	-	24.6	24.0	23.7	23.5	-
3519	Internal combustion engines, nec	84.6	86.6	79.7	77.3	-	58.6	60.0	53.9	51.5	-
352	Farm and garden machinery	162.7	157.5	134.3	127.0	-	139.9	135.3	88.6	81.9	-
3523	Farm machinery and equipment	140.9	137.6	109.6	102.3	-	94.1	91.4	68.1	62.4	-
353	Construction and related machinery	396.9	396.6	398.3	392.8	-	261.7	260.9	255.0	242.8	-
3531	Construction machinery	144.0	143.2	135.9	128.9	-	96.5	95.6	85.9	79.9	-

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry—Continued

[In thousands]

1972 SIC Code	Industry	All employees					Production workers[1]				
		Apr. 1981	May 1981	Mar. 1982	Apr. 1982P	May 1982P	Apr. 1981	May 1981	Mar. 1982	Apr. 1982P	May 1982P
	MACHINERY, EXCEPT ELECTRICAL—Continued										
3532	Mining machinery	39.1	38.1	35.9	36.1	-	24.5	23.7	22.9	22.1	-
3533	Oil field machinery	114.8	116.4	128.9	126.1	-	79.6	80.9	90.1	87.5	-
3535	Conveyors and conveying equipment	34.5	34.5	33.8	33.2	-	19.5	19.4	18.3	17.9	-
3537	Industrial trucks and tractors	34.7	34.8	32.0	30.9	-	23.2	23.3	20.1	19.2	-
354	Metalworking machinery	384.5	366.2	344.5	336.6	-	264.9	265.8	243.6	237.2	-
3541	Machine tools, metal cutting types	80.7	79.9	74.2	68.4	-	53.0	52.2	45.1	42.3	-
3542	Machine tools, metal forming types	24.2	24.4	22.9	22.1	-	15.3	15.4	14.2	13.7	-
3544	Special dies, tools, jigs, and fixtures	136.9	137.6	132.3	131.2	-	109.6	109.7	103.5	102.4	-
3545	Machine tool accessories	69.4	69.7	66.2	64.9	-	49.0	49.3	45.6	44.2	-
3546	Power driven hand tools	30.4	30.7	27.6	27.1	-	23.2	23.6	20.2	19.9	-
355	Special industry machinery	201.7	200.5	187.1	184.5	-	128.0	127.1	115.7	113.5	-
3551	Food products machinery	45.0	44.2	42.7	42.0	-	28.9	28.2	27.2	26.8	-
3552	Textile machinery	26.6	26.4	23.9	23.4	-	18.6	18.4	16.0	15.5	-
3555	Printing trades machinery	38.6	38.6	38.4	38.0	-	23.9	23.9	23.3	22.9	-
356	General industrial machinery	322.3	321.3	305.8	300.2	-	209.4	208.5	194.7	190.1	-
3561	Pumps and pumping equipment	62.2	61.9	61.5	60.2	-	36.4	36.3	35.8	34.9	-
3562	Ball and roller bearings	58.4	57.7	51.4	50.7	-	45.4	44.8	38.7	37.8	-
3563	Air and gas compressors	31.7	31.7	31.0	30.7	-	18.9	18.9	17.5	17.2	-
3564	Blowers and fans	40.9	41.3	38.5	38.8	-	25.5	25.9	23.9	24.0	-
3566	Speed changers, drives, and gears	26.9	27.0	24.9	23.7	-	17.9	17.9	17.1	16.0	-
3568	Power transmission equipment, nec	22.7	22.9	21.8	21.6	-	16.0	16.1	15.2	14.9	-
357	Office and computing machines	452.4	456.2	485.1	484.0	-	184.9	185.5	194.7	192.6	-
3573	Electronic computing equipment	377.8	381.3	413.5	413.7	-	144.9	145.4	158.2	156.3	-
358	Refrigeration and service machinery	176.7	178.6	168.6	166.7	-	123.8	125.4	116.2	114.8	-
3585	Refrigeration and heating equipment	121.9	122.7	113.9	112.4	-	86.4	86.9	79.5	78.3	-
359	Misc. machinery, except electrical	289.5	292.2	283.3	279.8	-	222.2	224.5	215.2	212.0	-
3592	Carburetors, pistons, rings, valves	38.4	38.9	35.3	35.4	-	31.5	31.8	27.4	27.6	-
3599	Machinery, except electrical, nec	251.2	253.3	248.0	244.4	-	190.7	192.7	187.8	184.4	-
36	**ELECTRIC AND ELECTRONIC EQUIPMENT**	2,088.5	2,093.1	2,034.2	2,030.0	2,030.8	1,317.6	1,321.0	1,296.3	1,292.6	1,295.6
361	Electric distributing equipment	121.6	122.0	115.1	113.5	-	86.2	86.6	81.2	80.1	-
3612	Transformers	53.5	53.7	51.7	50.6	-	37.7	37.9	37.2	36.4	-
3613	Switchgear and switchboard apparatus	68.1	68.3	63.4	62.9	-	48.5	48.7	44.0	43.7	-
362	Electrical industrial apparatus	241.8	242.4	225.1	218.2	-	172.5	172.8	157.9	152.1	-
3621	Motors and generators	125.9	126.1	115.3	111.9	-	96.8	96.9	87.3	84.5	-
3622	Industrial controls	71.3	71.7	67.8	66.6	-	44.2	44.4	41.4	40.4	-
363	Household appliances	165.5	166.5	140.4	144.7	-	132.3	133.0	106.6	111.5	-
3632	Household refrigerators and freezers	36.4	37.0	29.5	30.5	-	30.0	30.5	23.1	24.1	-
3633	Household laundry equipment	22.0	22.2	19.9	19.5	-	17.4	17.6	15.1	14.7	-
3634	Electric housewares and fans	50.8	50.8	45.6	44.5	-	40.7	40.7	34.9	34.3	-
364	Electric lighting and wiring equipment	204.7	204.6	194.1	192.9	-	152.8	152.2	142.0	140.7	-
3641	Electric lamps	33.1	32.0	33.5	33.4	-	29.1	27.9	29.7	29.2	-
3643	Current carrying wiring devices	83.1	84.0	80.0	79.6	-	57.5	58.0	53.3	53.0	-
3644	Noncurrent carrying wiring devices	21.5	21.4	19.5	19.3	-	15.7	15.6	14.1	13.9	-
3645	Residential lighting fixtures	25.8	25.3	22.7	22.5	-	19.7	19.2	16.9	16.8	-
365	Radio and TV receiving equipment	105.4	106.0	98.1	97.1	-	75.4	76.1	67.0	66.3	-
3651	Radio and TV receiving sets	80.8	81.3	75.7	75.2	-	55.9	56.4	50.5	50.2	-
366	Communication equipment	548.9	549.5	556.5	555.7	-	268.2	268.0	264.6	263.7	-
3661	Telephone and telegraph apparatus	158.5	157.5	147.1	145.7	-	105.6	104.8	96.4	95.0	-
3662	Radio and TV communication equipment	390.4	392.0	409.4	410.3	-	162.6	163.2	168.2	168.7	-
367	Electronic components and accessories	554.7	555.5	564.6	566.8	-	325.3	326.6	327.1	328.1	-
3671,3	Electronic tubes	44.1	44.2	43.0	42.9	-	27.3	27.2	26.1	26.0	-
3674	Semiconductors and related devices	225.6	223.4	225.1	227.5	-	94.1	92.9	90.1	91.5	-
3679	Electronic components, nec	214.4	215.9	225.4	225.6	-	149.7	151.3	156.4	156.5	-
369	Misc. electrical equipment and supplies	145.9	146.6	140.3	141.1	-	104.9	105.7	99.9	100.1	-
3691	Storage batteries	27.6	27.6	28.6	27.4	-	21.4	21.5	22.2	21.1	-
3694	Engine electrical equipment	61.0	61.6	55.2	56.1	-	46.8	47.5	42.9	43.5	-
37	**TRANSPORTATION EQUIPMENT**	1,934.1	1,936.8	1,776.2	1,749.1	1,765.6	1,261.9	1,262.6	1,116.9	1,088.0	1,107.2
371	Motor vehicles and equipment	815.6	820.5	713.9	693.6	-	613.9	619.1	527.4	506.1	-
3711	Motor vehicles and car bodies	374.4	377.4	319.9	299.7	-	268.7	272.0	226.6	206.0	-
3713	Truck and bus bodies	37.7	37.1	33.5	33.4	-	28.2	27.8	25.3	25.2	-
3714	Motor vehicle parts and accessories	373.9	375.0	329.9	330.5	-	294.3	295.4	253.0	252.6	-
3715	Truck trailers	29.8	26.0	25.5	29.8	-	19.0	20.1	18.7	18.1	-
372	Aircraft and parts	654.1	652.0	626.0	619.6	-	350.3	348.0	321.9	315.5	-
3721	Aircraft	348.0	347.3	333.7	329.6	-	170.5	169.4	153.5	149.5	-
3724	Aircraft engines and engine parts	166.1	164.7	154.7	153.2	-	94.3	93.5	88.9	87.5	-
3728	Aircraft equipment, nec	140.0	140.0	137.6	136.3	-	85.5	85.1	79.5	78.5	-
373	Ship and boat building and repairing	232.1	231.1	215.0	213.6	-	184.5	183.7	164.9	163.7	-
3731	Ship building and repairing	187.8	185.9	173.8	172.8	-	147.7	145.7	130.9	130.1	-
3732	Boat building and repairing	44.3	45.2	41.2	40.8	-	36.8	38.0	34.0	33.6	-
374	Railroad equipment	57.0	56.3	41.5	40.1	-	39.7	38.8	26.5	25.1	-
376	Guided missiles, space vehicles, parts	119.3	120.0	124.7	126.0	-	36.0	35.9	38.2	38.3	-
3761	Guided missiles and space vehicles	93.0	93.7	98.7	98.3	-	26.3	26.2	27.9	28.1	-

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry – Continued

(In thousands)

1972 SIC Code	Industry	All employees					Production workers[1]				
		Apr. 1981	May 1981	Mar. 1982	Apr. 1982P	May 1982P	Apr. 1981	May 1981	Mar. 1982	Apr. 1982P	May 1982P
	TRANSPORTATION EQUIPMENT—Continued										
379	Miscellaneous transportation equipment	38.0	38.7	39.4	40.2	-	24.1	23.6	26.7	27.7	-
3792	Travel trailers and campers	17.6	18.1	17.4	18.0	-	13.8	14.2	13.4	14.1	-
38	**INSTRUMENTS AND RELATED PRODUCTS**	723.2	723.8	713.8	711.4	711.4	428.6	428.9	414.4	411.5	409.1
381	Engineering and scientific instruments	78.2	78.3	77.4	77.0	-	38.0	37.9	38.7	35.7	-
382	Measuring and controlling devices	256.5	256.9	249.3	247.5	-	160.6	160.8	154.2	152.8	-
3822	Environmental controls	48.9	48.0	43.5	42.8	-	33.5	32.6	28.6	28.5	-
3823	Process control instruments	58.6	58.8	59.3	58.9	-	30.9	30.9	30.6	30.4	-
3825	Instruments to measure electricity	103.2	103.9	104.1	103.7	-	64.1	64.8	65.8	65.2	-
383	Optical instruments and lenses	33.6	33.6	32.8	33.0	-	18.3	16.5	17.6	17.8	-
384	Medical instruments and supplies	158.6	159.1	161.9	161.2	-	100.2	100.3	101.0	100.3	-
3841	Surgical and medical instruments	74.5	75.2	76.9	77.0	-	45.7	46.0	45.6	45.3	-
3842	Surgical appliances and supplies	67.3	67.2	69.1	68.5	-	44.0	43.9	45.6	45.4	-
385	Ophthalmic goods	42.0	41.7	36.6	36.5	-	29.6	29.6	25.4	25.2	-
386	Photographic equipment and supplies	134.0	134.7	137.6	138.1	-	67.0	67.5	66.7	67.0	-
387	Watches, clocks, and watchcases	20.3	19.5	18.2	18.0	-	14.9	14.3	12.6	12.7	-
39	**MISCELLANEOUS MANUFACTURING INDUSTRIES**	406.6	409.3	392.3	388.9	386.7	301.4	303.2	285.5	282.7	281.4
391	Jewelry, silverware, and plated ware	56.2	56.2	57.3	56.6	-	40.1	40.1	40.2	39.7	-
3911	Jewelry, precious metal	37.2	37.0	36.9	36.4	-	26.1	25.9	25.8	25.4	-
393	Musical instruments	21.6	21.3	20.0	19.6	-	17.5	17.3	15.7	15.5	-
394	Toys and sporting goods	116.4	118.4	109.2	109.2	-	86.9	89.2	80.9	81.1	-
3942 4	Dolls, games, toys, and children's vehicles	57.3	59.5	52.1	53.0	-	41.1	43.5	36.4	37.6	-
3949	Sporting and athletic goods, nec	59.1	58.9	57.1	56.2	-	45.8	45.7	44.5	43.5	-
395	Pens, pencils, office and art supplies	36.7	37.0	36.6	36.2	-	26.0	26.3	25.6	25.2	-
396	Costume jewelry and notions	46.5	46.4	41.7	40.9	-	35.9	35.7	31.7	30.7	-
3961	Costume jewelry	23.5	23.5	22.1	21.1	-	17.9	17.9	17.0	15.9	-
399	Miscellaneous manufactures	129.2	130.0	127.3	126.4	-	95.0	94.6	91.4	90.5	-
3993	Signs and advertising displays	46.0	46.4	46.0	45.9	-	33.2	33.5	32.9	32.7	-
	NONDURABLE GOODS										
20	**FOOD AND KINDRED PRODUCTS**	1,621.4	1,638.4	1,597.9	1,578.6	1,583.3	1,101.1	1,116.0	1,083.8	1,064.4	1,065.7
201	Meat products	351.0	354.2	339.5	337.6	-	292.2	295.1	283.1	280.8	-
2011	Meat packing plants	154.6	155.2	148.9	147.1	-	126.8	127.4	122.6	120.6	-
2013	Sausages and other prepared meats	69.6	70.3	68.9	67.7	-	51.7	52.4	50.4	49.9	-
2016	Poultry dressing plants	112.6	114.0	109.4	109.5	-	101.6	102.9	98.8	99.3	-
202	Dairy products	169.4	170.9	165.1	166.4	-	93.3	94.5	91.1	92.3	-
2022	Cheese, natural and processed	35.8	35.7	33.8	34.3	-	27.4	27.3	25.5	25.5	-
2026	Fluid milk	96.2	96.9	93.5	93.9	-	43.1	43.3	41.7	42.4	-
203	Preserved fruits and vegetables	210.5	218.3	201.0	194.3	-	167.1	171.1	161.9	155.7	-
2032	Canned specialties	23.7	23.6	24.0	22.3	-	16.9	17.3	17.6	15.8	-
2033	Canned fruits and vegetables	68.8	71.2	62.4	60.9	-	52.7	55.2	48.2	47.0	-
2037	Frozen fruits and vegetables	45.6	46.7	44.6	42.2	-	39.3	40.3	38.8	36.3	-
204	Grain mill products	137.4	138.6	137.1	135.7	-	95.0	96.2	92.9	91.8	-
2041	Flour and other grain mill products	25.4	25.3	26.3	26.1	-	16.2	15.9	15.9	16.1	-
2048	Prepared feeds, nec	53.2	54.1	52.1	51.7	-	34.5	35.4	33.4	33.0	-
205	Bakery products	218.0	218.2	215.6	215.1	-	126.0	126.0	125.6	125.4	-
2051	Bread, cake, and related products	176.1	176.9	173.7	174.4	-	93.1	93.7	92.4	93.1	-
2052	Cookies and crackers	41.9	41.3	41.9	40.9	-	32.9	32.3	33.2	32.3	-
206	Sugar and confectionery products	99.7	99.5	103.9	98.0	-	73.5	74.1	78.4	72.7	-
2061 3	Cane and beet sugar	28.9	29.1	30.8	28.7	-	20.3	20.9	22.6	20.3	-
2065	Confectionery products	51.5	51.4	53.8	50.1	-	40.3	40.6	43.1	39.7	-
207	Fats and oils	41.6	42.1	43.8	43.4	-	30.8	31.1	32.9	32.7	-
208	Beverages	230.3	233.8	230.0	231.7	-	102.2	103.9	97.3	98.3	-
2082	Malt beverages	50.5	51.4	48.3	48.5	-	33.5	34.2	31.0	31.2	-
2086	Bottled and canned soft drinks	134.3	136.8	137.3	138.3	-	44.3	45.1	44.0	44.5	-
209	Misc. foods and kindred products	163.9	166.8	161.9	159.2	-	121.0	124.0	120.6	114.7	-
21	**TOBACCO MANUFACTURES**	65.1	64.2	64.2	61.9	63.9	49.5	48.9	49.4	47.2	48.5
211	Cigarettes	46.9	46.7	46.3	45.9	-	35.4	35.3	35.4	35.1	-
22	**TEXTILE MILL PRODUCTS**	825.3	827.6	760.0	771.8	754.4	714.9	717.6	650.5	661.8	648.8
221	Weaving mills, cotton	141.4	141.3	129.0	131.0	-	126.2	125.9	113.8	115.3	-
222	Weaving mills, synthetics	112.2	111.7	100.2	103.9	-	100.5	100.4	88.6	92.8	-
223	Weaving and finishing mills, wool	19.3	19.5	18.1	17.7	-	15.9	16.2	15.2	14.8	-
224	Narrow fabric mills	23.7	23.8	23.0	23.3	-	21.0	21.0	20.0	20.3	-
225	Knitting mills	217.9	219.5	200.2	203.3	-	188.6	190.3	171.4	174.5	-
2251	Women's hosiery, except socks	31.4	31.5	31.0	29.7	-	28.1	28.1	27.7	26.4	-
2252	Hosiery, nec	32.8	33.2	32.0	31.6	-	29.8	30.2	28.9	28.5	-
2253	Knit outerwear mills	70.6	72.0	65.1	69.1	-	60.0	61.4	54.5	58.2	-
2254	Knit underwear mills	30.6	30.6	27.3	27.4	-	26.5	26.6	23.1	23.2	-

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry – Continued

[In thousands]

1972 SIC Code	Industry	All employees					Production workers[1]				
		Apr. 1981	May 1981	Mar. 1982	Apr. 1982P	May 1982P	Apr. 1981	May 1981	Mar. 1982	Apr. 1982P	May 1982P
	TEXTILE MILL PRODUCTS—Continued										
2257	Circular knit fabric mills	30.7	30.2	25.0	25.4	-	26.0	25.6	20.9	21.4	-
226	Textile finishing, except wool	70.8	71.0	67.4	67.8	-	58.9	59.1	55.5	56.0	-
2261	Finishing plants, cotton	29.0	28.9	28.5	28.5	-	23.8	23.7	23.2	23.5	-
2262	Finishing plants, synthetics	27.4	27.6	25.4	25.4	-	23.0	23.2	21.1	21.1	-
227	Floor covering mills	52.5	52.9	48.7	49.1	-	42.1	42.6	38.5	38.8	-
228	Yarn and thread mills	121.5	122.4	111.8	114.8	-	109.6	110.1	99.3	101.6	-
2281	Yarn mills, except wool	82.8	82.9	77.3	79.3	-	75.9	76.1	69.9	71.8	-
2282	Throwing and winding mills	19.9	20.0	18.3	18.3	-	17.6	17.7	15.9	16.0	-
229	Miscellaneous textile goods	66.0	65.9	61.6	63.9	-	52.1	52.0	48.2	47.7	-
23	**APPAREL AND OTHER TEXTILE PRODUCTS**	1,247.2	1,256.6	1,184.5	1,153.4	1,163.1	1,082.6	1,071.3	1,005.2	989.6	989.0
231	Men's and boys' suits and coats	74.9	75.9	76.3	74.4	-	65.7	66.7	66.5	64.8	-
232	Men's and boys' furnishings	349.1	351.8	330.9	327.3	-	298.0	303.3	280.6	277.6	-
2321	Men's and boys' shirts and nightwear	97.1	97.4	92.1	93.1	-	83.2	83.8	79.1	79.7	-
2327	Men's and boys' separate trousers	71.5	72.0	69.3	68.5	-	62.5	62.6	60.3	60.2	-
2328	Men's and boys' work clothing	100.7	102.5	95.3	93.4	-	84.2	85.7	78.8	76.6	-
233	Women's and misses' outerwear	414.2	415.1	389.0	380.0	-	355.3	356.0	335.0	325.4	-
2331	Women's and misses' blouses and waists	63.2	63.0	59.3	58.7	-	55.4	55.1	51.3	50.4	-
2335	Women's and misses' dresses	141.7	138.9	135.5	132.3	-	124.8	122.3	119.2	116.1	-
2337	Women's and misses' suits and coats	57.5	62.9	51.9	47.7	-	48.9	53.7	43.9	40.3	-
2339	Women's and misses' outerwear, nec	151.8	150.3	143.1	141.3	-	126.2	124.9	120.6	118.6	-
234	Women's and children's undergarments	89.7	90.5	88.1	88.0	-	76.5	77.3	75.0	74.7	-
2341	Women's and children's underwear	71.6	72.1	70.4	70.6	-	62.4	62.9	61.6	61.5	-
2342	Brassieres and allied garments	18.1	18.4	17.7	17.4	-	14.2	14.4	13.4	13.2	-
236	Children's outerwear	63.2	63.8	61.3	60.2	-	53.5	54.0	51.9	50.9	-
2361	Children's dresses and blouses	26.5	26.9	26.1	25.5	-	23.7	24.1	23.3	22.7	-
238	Misc. apparel and accessories	57.4	57.3	53.1	53.2	-	48.7	48.6	44.3	44.3	-
239	Misc. fabricated textile products	178.6	178.4	164.0	163.5	-	146.9	147.8	133.5	133.5	-
2391	Curtains and draperies	26.0	26.6	25.0	24.2	-	21.6	22.2	20.5	19.8	-
2392	House furnishings, nec	47.6	47.9	45.8	45.8	-	39.2	39.5	37.7	38.9	-
2396	Automotive and apparel trimmings	31.6	33.3	25.7	25.3	-	26.9	29.6	20.6	20.2	-
26	**PAPER AND ALLIED PRODUCTS**	687.0	689.0	665.1	663.1	663.7	517.4	519.0	496.3	498.9	499.9
261, 2 6	Paper and pulp mills	202.1	203.3	195.6	194.8	-	151.6	152.6	146.6	146.2	-
262	Paper mills, except building paper	174.2	174.9	170.0	169.3	-	129.7	130.1	126.0	125.5	-
263	Paperboard mills	63.6	63.5	61.9	61.2	-	49.8	49.8	47.9	47.2	-
264	Misc. converted paper products	219.7	220.1	216.5	217.2	-	161.9	162.1	157.4	158.4	-
2641	Paper coating and glazing	55.7	55.8	55.2	56.5	-	35.7	35.8	34.6	35.9	-
2642	Envelopes	25.6	25.4	25.3	25.2	-	20.1	19.8	19.8	19.5	-
2643	Bags, except textile bags	49.8	49.6	50.0	49.4	-	38.9	38.6	38.8	38.3	-
265	Paperboard containers and boxes	201.6	202.1	191.1	193.3	-	153.9	154.5	144.4	143.1	-
2651	Folding paperboard boxes	42.7	43.1	42.3	42.1	-	33.2	33.7	32.8	32.6	-
2653	Corrugated and solid fiber boxes	103.4	103.5	97.3	99.8	-	75.9	76.0	71.1	70.4	-
2654	Sanitary food containers	25.5	25.8	24.0	24.1	-	20.9	21.2	19.3	19.2	-
27	**PRINTING AND PUBLISHING**	1,259.9	1,259.9	1,279.1	1,274.9	1,279.8	698.2	696.5	703.5	700.5	698.7
271	Newspapers	417.2	419.9	425.2	424.3	-	159.8	161.1	160.8	161.0	-
272	Periodicals	94.2	94.3	100.0	99.7	-	18.2	18.4	21.6	21.6	-
273	Books	102.8	101.6	100.8	101.0	-	54.6	53.5	52.3	52.2	-
2731	Book publishing	71.7	71.0	70.6	70.6	-	28.6	28.0	27.4	27.1	-
2732	Book printing	31.1	30.6	30.2	30.4	-	25.0	25.5	24.9	25.1	-
274	Miscellaneous publishing	49.2	48.9	50.0	49.6	-	26.1	25.8	26.8	26.7	-
275	Commercial printing	416.0	414.9	419.9	418.1	-	306.5	305.0	308.2	306.0	-
2751	Commercial printing, letterpress	154.0	153.6	151.9	152.3	-	113.8	113.3	111.7	111.6	-
2752	Commercial printing, lithographic	230.6	238.4	244.7	242.8	-	173.4	172.8	177.9	176.0	-
276	Manifold business forms	48.6	48.9	49.3	48.7	-	34.0	34.2	34.6	33.9	-
278	Blankbooks and bookbinding	63.2	62.7	63.4	63.2	-	51.7	51.0	51.5	51.2	-
279	Printing trade services	44.9	44.7	45.4	45.4	-	33.3	33.3	33.4	33.4	-
28	**CHEMICALS AND ALLIED PRODUCTS**	1,106.2	1,110.1	1,087.1	1,081.2	1,078.1	629.7	632.7	608.0	603.7	605.4
281	Industrial inorganic chemicals	159.5	159.6	156.4	155.7	-	87.4	87.6	84.7	83.7	-
2819	Industrial inorganic chemicals, nec	105.4	105.4	102.1	101.6	-	57.6	57.6	55.2	54.4	-
282	Plastics materials and synthetics	195.9	196.3	187.4	185.7	-	130.2	133.0	121.3	120.3	-
2821	Plastics materials and resins	78.2	78.5	75.7	74.7	-	45.9	46.4	44.1	43.3	-
2824	Organic fibers, noncellulosic	83.3	83.3	79.5	78.9	-	58.7	58.8	55.2	55.2	-
283	Drugs	197.9	198.6	199.4	198.1	-	98.4	99.6	98.3	97.3	-
2834	Pharmaceutical preparations	156.9	156.9	157.3	156.3	-	76.6	77.3	76.1	75.5	-
284	Soap, cleaners, and toilet goods	143.6	144.0	144.9	142.6	-	90.0	90.0	90.7	88.6	-
2841	Soap and other detergents	43.9	44.1	44.5	43.9	-	28.7	28.8	29.1	28.7	-
2844	Toilet preparations	61.4	61.4	61.7	60.6	-	40.6	40.3	40.7	39.6	-
2842, 3	Polishing, sanitation, and finishing preparations	36.3	36.5	38.7	38.1	-	20.7	20.9	20.9	20.3	-
285	Paints and allied products	63.2	63.9	59.5	59.6	-	31.8	31.9	28.6	28.6	-
286	Industrial organic chemicals	178.9	179.3	176.2	175.6	-	91.2	91.3	88.2	88.3	-

See footnotes at end of table

B-2. Employees on nonagricultural payrolls by industry – Continued

(In thousands)

1972 SIC Code	Industry	All employees					Production workers[1]				
		Apr. 1981	May 1981	Mar. 1982	Apr. 1982P	May 1982P	Apr. 1981	May 1981	Mar. 1982	Apr. 1982P	May 1982P
	CHEMICALS AND ALLIED PRODUCTS—Cont'd										
2865	Cyclic crudes and intermediates	37.9	37.8	36.4	35.8	-	23.2	23.2	22.4	22.0	-
2861,9	Gum, wood, and industrial organic chemicals, nec	141.0	141.5	133.8	139.8	-	58.0	68.1	65.8	66.3	-
287	Agricultural chemicals	73.2	73.5	70.6	71.2	-	46.6	46.7	43.9	44.5	-
289	Miscellaneous chemical products	94.0	94.9	92.7	92.7	-	54.5	54.8	52.3	52.4	-
29	**PETROLEUM AND COAL PRODUCTS**	213.8	217.5	203.7	203.3	208.5	135.2	137.9	120.3	121.5	125.6
291	Petroleum refining	172.1	173.7	168.9	167.9	-	105.2	106.1	97.2	97.4	-
295	Paving and roofing materials	29.1	31.2	22.8	23.6	-	22.0	23.7	15.9	16.9	-
30	**RUBBER AND MISC. PLASTICS PRODUCTS**	735.4	741.1	699.8	701.5	702.3	569.7	574.7	538.7	537.0	537.3
301	Tires and inner tubes	107.4	106.9	99.8	102.7	-	76.0	75.2	69.5	72.6	-
302	Rubber and plastics footwear	22.4	22.4	21.3	21.4	-	19.8	19.8	18.4	18.5	-
303,4	Reclaimed rubber, and rubber and plastics hose and belting	23.8	23.8	20.7	20.5	-	16.8	16.8	14.9	14.6	-
306	Fabricated rubber products, nec	105.2	106.1	97.7	97.2	-	82.2	82.9	74.1	74.0	-
307	Miscellaneous plastics products	476.6	481.9	460.3	459.7	-	374.9	380.0	357.8	357.3	-
31	**LEATHER AND LEATHER PRODUCTS**	232.7	237.2	211.6	213.4	217.3	196.6	200.7	177.7	179.1	182.6
311	Leather tanning and finishing	20.6	21.0	18.7	18.7	-	17.3	17.6	15.5	15.4	-
314	Footwear, except rubber	142.9	145.8	129.3	130.5	-	122.4	125.1	110.6	111.6	-
3143	Men's footwear, except athletic	57.2	57.9	52.6	51.9	-	49.0	49.5	44.0	43.4	-
3144	Women's footwear, except athletic	52.7	54.6	45.8	47.5	-	44.9	46.8	39.5	40.9	-
316	Luggage	15.4	15.9	13.3	13.3	-	11.7	12.3	10.2	10.1	-
317	Handbags and personal leather goods	29.8	30.0	27.3	27.4	-	24.9	25.1	22.4	22.3	-
	TRANSPORTATION AND PUBLIC UTILITIES	5,125	5,151	5,049	5,053	5,059	4,255	4,275	4,171	4,168	4,180
40	**RAILROAD TRANSPORTATION**	504.2	499.8	487.7	441.6	-	-	-	-	-	-
4011	Class I railroads[2]	465.1	461.1	401.9	405.8	-	-	-	-	-	-
41	**LOCAL AND INTERURBAN PASSENGER TRANSIT**	272.0	276.5	286.7	291.6	-	252.2	257.2	266.6	261.5	-
411	Local and suburban transportation	81.5	81.6	83.0	84.1	-	74.5	74.8	75.8	76.7	-
412	Taxicabs	47.4	47.3	47.0	46.2	-	-	-	-	-	-
413	Intercity highway transportation	37.0	38.4	34.2	35.1	-	34.1	35.5	31.2	32.1	-
415	School buses	88.9	90.9	104.9	98.3	-	-	-	-	-	-
42	**TRUCKING AND WAREHOUSING**	1,240.4	1,249.4	1,194.1	1,187.3	-	1,079.0	1,085.2	1,033.9	1,028.7	-
421,3	Trucking and trucking terminals	1,155.1	1,165.6	1,109.6	1,104.6	-	1,037.8	1,015.4	963.1	959.8	-
422	Public warehousing	85.3	83.9	84.5	82.7	-	71.2	69.8	70.8	68.9	-
44	**WATER TRANSPORTATION**	218.4	218.3	195.2	203.1	-	-	-	-	-	-
45	**TRANSPORTATION BY AIR**	452.7	456.0	440.0	440.7	-	-	-	-	-	-
451,2	Air transportation	402.5	404.7	388.3	390.0	-	-	-	-	-	-
46	**PIPE LINES, EXCEPT NATURAL GAS**	21.2	21.4	22.3	21.6	-	14.9	14.9	15.2	14.8	-
47	**TRANSPORTATION SERVICES**	203.1	207.6	219.0	220.6	-	-	-	-	-	-
48	**COMMUNICATION**	1,374.1	1,378.5	1,394.7	1,395.0	-	1,028.2	1,031.0	1,054.7	1,054.3	-
481	Telephone communication	1,070.3	1,072.4	1,074.2	1,073.0	-	779.7	781.0	789.3	788.3	-
483	Radio and television broadcasting	205.6	206.4	212.8	212.8	-	165.6	166.7	173.7	173.5	-
49	**ELECTRIC, GAS, AND SANITARY SERVICES**	838.6	843.6	858.9	861.1	-	685.4	689.7	700.4	698.1	-
491	Electric services	399.0	401.6	409.5	410.0	-	323.7	325.5	329.6	326.4	-
492	Gas production and distribution	170.5	172.1	175.6	175.8	-	139.0	140.4	141.1	141.4	-
493	Combination utility services	196.8	197.2	199.1	200.1	-	160.6	161.4	165.5	165.7	-
495	Sanitary services	48.8	49.2	51.9	52.0	-	42.7	43.0	45.7	45.8	-
	WHOLESALE AND RETAIL TRADE	20,365	20,520	20,306	20,445	20,603	17,771	17,896	17,713	17,848	17,994
50,51	**WHOLESALE TRADE**	5,333	5,351	5,309	5,309	5,314	4,341	4,355	4,295	4,286	4,300
50	**WHOLESALE TRADE - DURABLE GOODS**	3,162	3,172	3,152	3,147	-	2,570	2,577	2,538	2,530	-
501	Motor vehicles and automotive equipment	411.2	411.2	411.9	412.5	-	330.7	331.0	331.2	332.3	-
502	Furniture and home furnishing	115.0	115.3	116.5	116.0	-	93.8	93.8	97.3	96.7	-
503	Lumber and construction materials	192.2	193.5	178.1	178.0	-	158.5	159.6	144.9	144.8	-
504	Sporting goods, toys, and hobby goods	70.4	71.0	70.1	71.2	-	56.3	56.8	55.8	57.0	-
505	Metals and minerals, except petroleum	152.1	152.7	146.7	144.3	-	122.2	122.8	116.5	113.9	-
506	Electrical goods	429.1	430.9	438.7	438.6	-	345.9	346.4	352.9	350.5	-
507	Hardware, plumbing, and heating equipment	243.0	244.2	238.5	238.5	-	198.9	200.0	193.3	191.3	-

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry — Continued

(In thousands)

1972 SIC Code	Industry	All employees					Production workers[1]				
		Apr. 1981	May 1981	Mar. 1982	Apr. 1982P	May 1982P	Apr. 1981	May 1981	Mar. 1982	Apr. 1982P	May 1982P
	WHOLESALE TRADE-DURABLE GOODS—Continued										
508	Machinery, equipment, and supplies	1,338.2	1,342.0	1,359.1	1,360.9	-	1,085.8	1,088.3	1,087.7	1,086.1	-
509	Miscellaneous durable goods	210.8	210.8	193.5	189.0	-	178.3	177.9	158.8	157.7	-
51	WHOLESALE TRADE NONDURABLE GOODS	2,171	2,179	2,157	2,157	-	1,771	1,778	1,757	1,756	-
511	Paper and paper products	153.9	154.6	157.3	156.3	-	125.0	125.2	126.4	125.6	-
512	Drugs, proprietaries, and sundries	149.2	149.9	151.1	151.7	-	126.2	126.5	128.0	128.9	-
513	Apparel, piece goods, and notions	167.5	167.8	168.0	169.5	-	131.5	131.9	131.4	132.4	-
514	Groceries and related products	656.3	662.1	641.2	642.6	-	561.7	567.6	549.5	549.3	-
516	Chemicals and allied products	130.3	131.3	135.7	136.3	-	93.4	94.0	97.2	97.4	-
517	Petroleum and petroleum products	233.9	233.9	231.3	231.8	-	175.6	176.1	173.6	174.5	-
518	Beer, wine, and distilled beverages	141.1	141.3	142.6	142.9	-	118.0	118.1	118.5	118.8	-
519	Miscellaneous nondurable goods	398.3	399.9	395.4	396.3	-	325.4	326.5	322.1	323.5	-
52-59	RETAIL TRADE	15,032	15,169	14,997	15,141	15,289	13,430	13,541	13,418	13,562	13,694
52	BUILDING MATERIALS AND GARDEN SUPPLIES	615.3	625.3	573.7	585.1	-	519.9	529.9	481.4	492.0	-
521	Lumber and other building materials	315.6	322.9	294.6	298.3	-	266.3	273.2	246.6	250.2	-
525	Hardware stores	147.8	150.0	144.1	144.9	-	126.0	128.1	122.5	123.2	-
53	GENERAL MERCHANDISE STORES	2,160.3	2,179.6	2,164.7	2,155.9	-	1,983.0	1,941.7	1,994.8	1,999.4	-
531	Department stores	1,812.1	1,826.3	1,818.6	1,818.9	-	1,630.0	1,623.2	1,682.4	1,685.5	-
533	Variety stores	230.1	232.0	218.2	220.6	-	212.7	214.8	202.7	204.6	-
539	Miscellaneous general merchandise stores	118.1	121.3	127.9	127.4	-	100.3	103.7	109.7	109.3	-
54	FOOD STORES	2,407.8	2,413.5	2,431.1	2,426.9	-	2,230.4	2,235.5	2,247.5	2,247.1	-
541	Grocery stores	2,107.8	2,114.5	2,137.4	2,131.3	-	1,957.1	1,963.0	1,981.6	1,978.8	-
542	Meat markets and freezer provisioners	57.0	55.2	54.8	55.2	-	-	-	-	-	-
546	Retail bakeries	126.8	127.7	127.3	126.3	-	116.5	117.6	117.4	116.6	-
55	AUTOMOTIVE DEALERS AND SERVICE STATIONS	1,647.7	1,654.0	1,624.4	1,634.2	-	1,394.7	1,400.1	1,367.0	1,376.5	-
551,2	New and used car dealers	751.2	751.4	726.2	729.4	-	614.7	613.8	594.0	596.8	-
553	Auto and home supply stores	259.4	263.4	265.8	270.7	-	224.0	228.1	227.9	232.8	-
554	Gasoline service stations	556.7	558.0	553.5	552.6	-	487.3	488.6	482.7	481.5	-
56	APPAREL AND ACCESSORY STORES	960.2	951.9	952.0	954.3	-	820.1	811.9	809.8	810.9	-
561	Men's and boys' clothing and furnishings	126.7	125.3	125.4	125.9	-	106.7	105.7	106.0	106.2	-
562	Women's ready-to-wear stores	348.7	347.9	340.5	341.0	-	301.2	301.3	293.9	293.7	-
565	Family clothing stores	173.8	173.9	174.3	174.6	-	151.5	151.4	151.0	151.3	-
566	Shoe stores	208.9	202.2	208.9	211.6	-	173.7	165.9	170.9	173.0	-
57	FURNITURE AND HOME FURNISHINGS STORES	592.9	592.1	590.3	586.3	-	489.6	489.2	487.2	483.3	-
571	Furniture and home furnishings stores	368.8	370.4	363.5	362.1	-	305.9	306.7	300.2	298.6	-
572	Household appliance stores	78.0	78.1	81.0	80.0	-	66.6	66.5	68.3	67.5	-
573	Radio, television, and music stores	146.1	143.6	145.8	144.2	-	117.1	116.0	118.7	117.2	-
58	EATING AND DRINKING PLACES	4,738.6	4,826.1	4,698.2	4,825.9	-	4,370.2	4,453.5	4,318.9	4,443.3	-
59	MISCELLANEOUS RETAIL	1,909.6	1,926.9	1,962.7	1,961.3	-	1,661.7	1,679.4	1,710.9	1,709.0	-
591	Drug stores and proprietary stores	488.4	490.9	495.9	494.9	-	440.9	442.9	444.0	443.0	-
592	Liquor stores	129.9	133.3	135.3	134.2	-	-	-	-	-	-
594	Miscellaneous shopping goods stores	591.4	598.5	628.1	627.1	-	502.4	509.4	538.7	537.4	-
596	Nonstore retailers	260.0	257.9	270.4	267.7	-	239.5	238.0	248.5	246.5	-
598	Fuel and ice dealers	102.9	101.1	107.6	104.3	-	85.9	84.1	89.8	86.6	-
599	Retail stores, nec	274.9	282.7	263.0	271.3	-	230.6	239.3	221.4	229.1	-
	FINANCE, INSURANCE, AND REAL ESTATE [1]	5,268	5,296	5,304	5,312	5,327	3,976	4,000	3,972	3,976	3,986
60	BANKING	1,613.4	1,617.9	1,643.9	1,643.3	-	1,233.7	1,236.3	1,234.5	1,233.3	-
602	Commercial and stock savings banks	1,459.7	1,474.2	1,501.3	1,500.7	-	1,117.3	1,120.4	1,118.7	1,117.9	-
61	CREDIT AGENCIES OTHER THAN BANKS	586.5	585.7	584.3	583.3	-	445.7	445.5	442.4	440.4	-
612	Savings and loan associations	264.8	265.0	270.9	271.1	-	201.0	201.0	206.7	206.7	-
614	Personal credit institutions	206.3	205.6	195.8	194.7	-	159.1	158.8	150.6	149.0	-
62	SECURITY, COMMODITY BROKERS, AND SERVICES	254.2	256.2	276.6	276.9	-	-	-	-	-	-
621	Security brokers and dealers	207.9	210.0	230.3	230.5	-	-	-	-	-	-
63	INSURANCE CARRIERS	1,231.9	1,235.0	1,226.3	1,224.7	-	854.8	854.9	842.8	840.3	-
631	Life insurance	539.0	542.2	539.2	538.6	-	334.9	337.2	335.4	333.3	-

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry — Continued

[In thousands]

1972 SIC Code	Industry	All employees					Production workers[1]				
		Apr. 1981	May 1981	Mar. 1982	Apr. 1982P	May 1982P	Apr. 1981	May 1981	Mar. 1982	Apr. 1982P	May 1982P
	INSURANCE CARRIERS—Continued										
632	Medical service and health insurance	142.8	142.8	141.1	140.6	-	113.6	113.3	112.2	111.9	-
633	Fire, marine, and casualty insurance	475.8	475.5	474.9	474.0	-	348.2	346.5	340.8	340.2	-
64	**INSURANCE AGENTS, BROKERS, AND SERVICE**	463.9	463.5	472.2	473.0	-	-	-	-	-	-
65	**REAL ESTATE**	980.1	998.9	954.3	962.8	-	-	-	-	-	-
651	Real estate operators and lessors	465.5	468.3	462.6	467.3	-	-	-	-	-	-
653	Real estate agents and managers	386.3	393.8	362.4	361.3	-	-	-	-	-	-
655	Subdividers and developers	127.6	136.1	111.4	116.5	-	-	-	-	-	-
66	**COMBINED REAL ESTATE, INSURANCE, ETC**	19.4	19.3	19.4	19.4	-	-	-	-	-	-
67	**HOLDING AND OTHER INVESTMENT OFFICES**	118.9	119.5	124.7	127.0	-	-	-	-	-	-
-	**SERVICES**	18,520	18,594	18,828	18,962	18,995	16,491	16,556	16,720	16,838	16,834
70	**HOTELS AND OTHER LODGING PLACES**	1,103.2	1,129.8	1,069.1	1,096.0	-	-	-	-	-	-
701	Hotels, motels, and tourist courts	1,068.9	1,092.8	1,038.7	1,063.1	-	978.8	1,002.2	948.7	970.5	-
72	**PERSONAL SERVICES**	944.4	905.5	942.1	944.6	-	-	-	-	-	-
721	Laundry, cleaning, and garment services	351.6	353.2	348.4	349.2	-	313.8	315.6	309.9	311.2	-
723	Beauty shops	281.4	282.6	291.0	293.0	-	261.8	263.0	269.5	269.5	-
726	Funeral service and crematories	71.1	71.1	72.6	72.9	-	-	-	-	-	-
73	**BUSINESS SERVICES**	3,200.9	3,234.2	3,252.4	3,247.6	-	2,800.4	2,831.5	2,831.9	2,826.0	-
731	Advertising	155.2	155.1	158.4	158.3	-	118.5	118.7	122.4	121.9	-
732	Credit reporting and collection	74.7	75.6	74.3	74.6	-	-	-	-	-	-
733	Mailing, reproduction, stenographic	125.1	125.4	131.2	132.5	-	-	-	-	-	-
734	Services to buildings	510.3	518.2	524.3	524.7	-	461.5	469.1	477.3	477.7	-
736	Personnel supply services	592.9	603.7	561.2	548.9	-	-	-	-	-	-
737	Computer and data processing services	327.9	325.5	353.7	354.9	-	274.7	271.7	288.5	290.4	-
75	**AUTO REPAIR, SERVICES, AND GARAGES**	570.5	571.2	578.4	578.4	-	485.6	486.9	489.8	490.3	-
753	Automotive repair shops	351.6	351.5	355.6	358.5	-	297.6	297.5	297.5	300.2	-
76	**MISCELLANEOUS REPAIR SERVICES**	292.5	294.5	298.7	297.3	-	244.4	246.2	252.7	252.0	-
78	**MOTION PICTURES**	213.1	214.3	207.8	206.4	-	184.3	185.3	177.9	175.9	-
781	Motion picture production and services	80.3	78.6	84.7	76.2	-	66.9	64.5	69.0	60.4	-
783	Motion picture theaters	121.4	124.5	112.3	119.6	-	-	-	-	-	-
79	**AMUSEMENT AND RECREATION SERVICES**	758.1	805.6	763.6	824.3	-	686.5	731.4	684.2	740.6	-
80	**HEALTH SERVICES**	5,481.9	5,501.5	5,704.8	5,717.2	-	4,900.9	4,915.7	5,110.1	5,120.9	-
801	Offices of physicians	774.8	778.6	803.9	809.3	-	635.8	638.0	659.6	664.5	-
802	Offices of dentists	355.8	357.0	378.8	379.5	-	312.9	314.3	335.2	335.4	-
805	Nursing and personal care facilities	1,015.1	1,021.5	1,050.4	1,051.5	-	918.1	923.8	950.7	952.7	-
806	Hospitals	2,863.4	2,869.5	2,981.6	2,983.9	-	2,623.6	2,628.7	2,735.5	2,737.2	-
81	**LEGAL SERVICES**	519.5	521.8	552.2	552.2	-	443.8	445.6	466.0	466.1	-
82	**EDUCATIONAL SERVICES**	1,235.5	1,194.2	1,264.5	1,263.8	-	-	-	-	-	-
821	Elementary and secondary schools	318.0	319.1	323.1	321.4	-	-	-	-	-	-
822	Colleges and universities	797.7	755.8	818.5	818.4	-	-	-	-	-	-
83	**SOCIAL SERVICES**	1,156.1	1,163.9	1,171.9	1,177.6	-	-	-	-	-	-
86	**MEMBERSHIP ORGANIZATIONS**	1,530.5	1,541.6	1,535.9	1,536.1	-	-	-	-	-	-
89	**MISCELLANEOUS SERVICES**	1,040.5	1,033.0	1,069.7	1,066.2	-	870.7	863.5	879.2	873.1	-
891	Engineering and architectural services	563.4	567.4	567.8	568.7	-	476.2	481.5	466.8	464.6	-
893	Accounting, auditing, and bookkeeping	339.2	327.9	361.3	357.7	-	277.3	266.8	294.9	291.6	-
-	**GOVERNMENT**	16,433	16,388	16,176	16,145	16,159	-	-	-	-	-
-	**FEDERAL GOVERNMENT**	2,773	2,782	2,725	2,730	2,733	-	-	-	-	-
-	**Executive, by agency[4]**	2,718.5	2,727.7	2,670.8	2,675.6	-	-	-	-	-	-
-	Department of Defense	899.1	908.9	933.0	936.6	-	-	-	-	-	-
-	Postal Service	658.4	659.4	661.0	660.8	-	-	-	-	-	-
-	Other executive agencies	1,161.0	1,159.4	1,076.8	1,078.2	-	-	-	-	-	-
-	Legislative	39.1	39.3	38.8	39.3	-	-	-	-	-	-
-	Judicial	15.0	15.1	15.5	15.4	-	-	-	-	-	-

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry – Continued

[In thousands]

1972 SIC Code	Industry	All employees					Production workers[1]				
		Apr. 1981	May 1981	Mar. 1982	Apr. 1982p	May 1982p	Apr. 1981	May 1981	Mar. 1982	Apr. 1982p	May 1982p
	FEDERAL GOVERNMENT – Continued										
	Federal Government, by industry										
	Manufacturing activities	124.3	129.1	135.5	136.7	–	–	–	–	–	–
3731	Shipbuilding and repairing	76.5	77.0	80.8	81.5	–	–	–	–	–	–
	Transportation and public utilities, except Postal Service	42.2	41.9	43.6	43.1	–	–	–	–	–	–
	Services	389.4	391.1	387.2	387.9	–	–	–	–	–	–
806	Federal government hospitals	230.4	229.4	231.7	231.5	–	–	–	–	–	–
	STATE AND LOCAL GOVERNMENT	13,660	13,606	13,451	13,415	13,426	–	–	–	–	–
	State government	3,716.6	3,675.3	3,689.2	3,675.4	–	–	–	–	–	–
806	State government hospitals	521.0	519.5	518.5	517.1	–	–	–	–	–	–
82	State education	1,502.7	1,464.0	1,493.6	1,485.9	–	–	–	–	–	–
	General administration including executive, legislative, and judicial functions	1,046.8	1,045.2	1,048.5	1,048.8	–	–	–	–	–	–
	Local government	9,943.0	9,931.0	9,761.3	9,739.9	–	–	–	–	–	–
	Transportation and public utilities	572.6	574.2	576.6	577.7	–	–	–	–	–	–
806	Local government hospitals	620.7	622.0	640.7	640.7	–	–	–	–	–	–
82	Local education	5,527.5	5,519.7	5,407.1	5,462.5	–	–	–	–	–	–
–	General administration including executive, legislative, and judicial functions	2,856.8	2,851.4	2,753.5	2,753.1	–	–	–	–	–	–

[1] Data relate to production and related workers in mining and manufacturing; to construction workers in construction; and to nonsupervisory workers in transportation and public utilities, wholesale and retail trade, finance, insurance, and real estate, and services.

[2] Beginning January 1978, data relate to line haul railroads with operating revenues of $50,000,000 or more.

[3] Data for nonoffice sales agents excluded from nonsupervisory count for all series in this division.

[4] Prepared by the Office of Personnel Management. Data relate to civilian employment only and exclude Central Intelligence and National Security Agencies.

– Data not available.
p = preliminary.

NOTE: In accordance with usual practice, BLS has revised establishment survey data to reflect a new benchmark and updated seasonal adjustment factors. Because of these revisions, data in this table may differ from data published earlier. See article in this issue for additional information.

B-3. Women employees on nonagricultural payrolls by industry

[In thousands]

1972 SIC Code	Industry	Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982	Mar. 1982
—	TOTAL	38,655	38,821	38,881	39,024	39,154
—	PRIVATE SECTOR	30,627	30,771	31,169	31,193	31,268
—	MINING	119	121	138	139	140
10	METAL MINING	9.7	9.6	8.0	7.7	7.5
11, 12	COAL MINING	11.1	11.4	11.7	11.8	11.7
13	OIL AND GAS EXTRACTION	88.2	93.4	108.8	110.1	111.1
131, 2	Crude petroleum, natural gas, and natural gas liquids	56.9	58.2	68.6	68.9	69.3
138	Oil and gas field services	31.3	32.2	40.2	41.2	41.8
14	NONMETALLIC MINERALS, EXCEPT FUELS	9.5	9.7	9.3	9.3	9.3
142	Crushed and broken stone	2.6	2.6	2.6	2.5	2.5
144	Sand and gravel	2.9	3.1	2.7	2.8	2.8
—	CONSTRUCTION	367	370	378	373	375
15	GENERAL BUILDING CONTRACTORS	126.3	127.0	122.7	121.1	119.9
152	Residential building construction	70.3	70.4	69.0	67.7	67.3
153	Operative builders	15.0	15.1	14.1	14.2	13.8
154	Nonresidential building construction	41.0	41.5	39.6	39.2	38.8
16	HEAVY CONSTRUCTION CONTRACTORS	57.4	58.5	60.6	59.2	60.3
161	Highway and street construction	14.8	15.2	13.5	13.3	13.7
162	Heavy construction, except highway	42.6	44.3	47.1	45.9	46.6
17	SPECIAL TRADE CONTRACTORS	183.2	184.8	195.1	192.8	194.4
171	Plumbing, heating, air conditioning	50.3	49.8	52.6	52.2	52.1
172	Painting, paper hanging, decorating	11.3	11.6	11.8	11.4	11.5
173	Electrical work	35.9	36.4	37.1	37.2	37.3
174	Masonry, stonework, and plastering	20.0	20.3	20.6	20.3	20.2
175	Carpentering and flooring	14.3	14.6	13.9	14.0	14.1
176	Roofing and sheet metal work	12.1	12.5	12.2	12.0	12.5
—	MANUFACTURING	6,233	6,267	6,112	6,110	6,084
24, 25, 32-39	DURABLE GOODS	2,990	3,008	2,942	2,928	2,916
20-23, 26-31	NONDURABLE GOODS	3,243	3,259	3,170	3,182	3,168
	DURABLE GOODS					
24	LUMBER AND WOOD PRODUCTS	100.6	100.9	90.5	89.5	89.4
241	Logging camps and logging contractors	4.9	5.0	4.8	4.9	4.9
242	Sawmills and planing mills	19.7	19.6	17.5	17.1	17.0
2421	Sawmills and planing mills, general	13.9	13.9	12.3	12.1	12.0
243	Millwork, plywood, and structural members	40.5	40.5	38.9	38.1	38.9
244	Wood containers	6.7	6.7	6.5	6.7	6.6
245	Wood buildings and mobile homes	7.9	8.3	7.1	7.1	7.2
249	Miscellaneous wood products	20.9	20.8	19.7	19.6	19.8
25	FURNITURE AND FIXTURES	139.5	139.4	136.3	136.2	135.2
251	Household furniture	99.1	98.7	94.9	94.4	93.5
2511	Wood household furniture	42.0	41.8	39.9	39.8	39.0
2512	Upholstered household furniture	31.3	31.4	29.8	29.5	29.5
2515	Mattresses and bedsprings	8.6	8.5	7.7	7.8	7.8
252	Office furniture	13.6	13.8	14.2	14.2	13.9
253	Public building and related furniture	4.9	4.9	5.3	5.4	5.4
254	Partitions and fixtures	10.4	10.4	10.1	10.4	10.3
259	Miscellaneous furniture and fixtures	11.5	11.6	11.8	11.8	12.1
32	STONE, CLAY, AND GLASS PRODUCTS	123.3	123.1	118.6	118.5	118.0
322	Glass and glassware, pressed or blown	39.7	39.9	38.4	38.0	37.8
3221	Glass containers	22.2	22.4	21.4	21.6	21.6
3229	Pressed and blown glass, nec	17.5	17.5	17.0	16.4	16.2
323	Products of purchased glass	12.9	12.6	12.1	12.2	12.0
324	Cement, hydraulic	1.8	1.8	1.7	1.7	1.7
325	Structural clay products	6.1	5.9	6.0	5.9	5.6
326	Pottery and related products	15.0	14.9	12.8	13.8	13.9
327	Concrete, gypsum, and plaster products	19.8	19.9	19.5	19.3	19.4
329	Misc. nonmetallic mineral products	30.3	30.4	30.3	29.8	29.7
33	PRIMARY METAL INDUSTRIES	124.1	125.4	112.7	111.1	109.7
331	Blast furnace and basic steel products	40.4	43.8	36.2	35.3	34.2
3312	Blast furnaces and steel mills	30.0	33.4	26.5	25.9	24.9
332	Iron and steel foundries	18.4	18.5	16.9	16.8	16.7

B-3. Women employees on nonagricultural payrolls by industry — Continued

[In thousands]

1972 SIC Code	Industry	Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982	Mar. 1982
	PRIMARY METAL INDUSTRIES —Continued					
3321	Gray iron foundries	8.5	8.6	7.6	7.4	7.4
3322	Malleable iron foundries	1.1	1.1	1.0	1.0	.9
3325	Steel foundries, nec	4.6	4.6	4.3	4.3	4.3
333	Primary nonferrous metals	4.9	5.0	4.7	4.6	4.6
3334	Primary aluminum	2.2	2.3	1.9	1.8	1.9
335	Nonferrous rolling and drawing	39.6	40.1	35.2	34.5	34.5
3351	Copper rolling and drawing	3.4	3.5	3.2	3.1	3.0
3353	Aluminum sheet, plate, and foil	4.0	4.0	3.1	3.1	3.2
3357	Nonferrous wire drawing and insulating	24.0	24.6	21.8	21.2	21.2
336	Nonferrous foundries	15.3	15.4	14.3	14.4	14.3
3361	Aluminum foundries	8.1	8.1	7.5	7.5	7.4
34	**FABRICATED METAL PRODUCTS**	332.3	335.3	316.4	313.5	312.2
341	Metal cans and shipping containers	12.7	12.6	11.5	11.6	11.7
3411	Metal cans	10.9	10.7	9.8	9.9	9.9
342	Cutlery, hand tools, and hardware	54.3	54.9	50.2	48.7	47.9
3423, 5	Hand and edge tools, and hand saws and blades	15.6	15.5	15.1	14.9	14.5
3429	Hardware, nec	31.4	32.2	28.6	27.5	27.2
343	Plumbing and heating, except electric	16.5	16.6	16.7	16.7	16.7
344	Fabricated structural metal products	71.5	71.9	69.2	68.1	67.6
3441	Fabricated structural metal	7.7	7.7	7.7	7.6	7.5
3442	Metal doors, sash, and trim	20.3	20.2	19.0	18.6	18.7
3443	Fabricated plate work (boiler shops)	18.6	18.8	18.6	18.5	18.3
3444	Sheet metal work	15.3	15.4	14.7	14.5	14.5
345	Screw machine products, bolts, etc	23.8	24.0	22.1	21.7	21.6
3451	Screw machine products	11.7	11.8	10.9	10.8	10.8
3452	Bolts, nuts, rivets, and washers	12.1	12.2	11.2	10.9	10.8
346	Metal forgings and stampings	52.2	53.0	48.9	46.5	46.4
3462	Iron and steel forgings	4.3	4.3	3.9	3.8	3.7
3465	Automotive stampings	12.9	13.7	11.0	10.9	11.2
3469	Metal stampings, nec	32.5	32.4	29.5	29.3	28.9
347	Metal services, nec	23.3	23.8	22.5	22.4	22.8
3471	Plating and polishing	16.7	17.0	16.3	16.3	16.7
3479	Metal coating and allied services	6.6	6.8	6.2	6.1	6.1
348	Ordnance and accessories, nec	19.5	19.5	19.8	19.8	20.0
349	Misc. fabricated metal products	58.5	59.0	57.5	58.0	57.5
3494	Valves and pipe fittings	22.5	22.7	23.0	22.7	22.4
3496	Misc. fabricated wire products	13.8	14.0	13.4	14.0	14.0
35	**MACHINERY, EXCEPT ELECTRICAL**	500.1	501.8	509.6	509.4	507.4
351	Engines and turbines	24.2	23.2	24.5	24.5	23.5
3511	Turbines and turbine generator sets	6.7	6.8	6.5	6.4	6.4
3519	Internal combustion engines, nec	17.5	16.4	18.1	18.1	17.1
352	Farm and garden machinery	26.8	27.0	25.2	25.4	23.1
3523	Farm machinery and equipment	20.0	20.1	17.5	18.1	15.8
353	Construction and related machinery	50.7	51.4	54.2	54.4	54.0
3531	Construction machinery	14.5	14.7	15.3	15.3	15.2
3533	Oil field machinery	15.9	15.3	19.4	19.7	19.8
354	Metalworking machinery	57.9	57.9	55.6	54.8	53.7
3541	Machine tools, metal cutting types	10.9	10.9	9.8	9.7	9.6
3544	Special dies, tools, jigs, and fixtures	15.4	15.4	15.2	15.0	14.9
3545	Machine tool accessories	13.3	13.4	13.5	13.3	12.9
355	Special industry machinery	30.0	30.2	28.6	28.4	28.5
3551	Food products machinery	5.9	6.0	5.4	5.5	5.5
3552	Textile machinery	5.3	5.3	5.0	4.8	4.9
3555	Printing trades machinery	6.6	6.6	6.8	6.9	6.9
356	General industrial machinery	63.6	64.1	61.4	61.1	60.5
3562	Ball and roller bearings	11.5	11.5	11.4	11.4	11.4
357	Office and computing machines	14.5	14.5	13.2	12.9	12.8
3573	Electronic computing equipment	161.2	162.1	176.6	178.1	180.4
358	Refrigeration and service machinery	135.0	136.0	150.4	152.1	154.6
3585	Refrigeration and heating equipment	38.4	38.5	36.1	37.0	36.9
359	Misc. machinery, except electrical	26.3	26.2	23.8	24.5	24.6
3599	Machinery, except electrical, nec	47.3	47.4	47.3	45.7	46.8
36	**ELECTRIC AND ELECTRONIC EQUIPMENT**	38.5	37.4	38.8	38.4	37.8
361	Electric distributing equipment	883.6	888.2	879.7	876.2	868.9
3612	Transformers	45.7	46.5	45.0	44.4	43.9
3613	Switchgear and switchboard apparatus	18.8	19.7	18.7	18.4	18.4
362	Electrical industrial apparatus	26.9	26.8	26.3	26.2	25.5
3621	Motors and generators	90.7	91.8	87.7	85.9	84.1
3622	Industrial controls	50.2	51.4	48.1	46.5	45.1
363	Household appliances	28.9	28.8	28.3	28.2	27.9
3632	Household refrigerators and freezers	58.8	59.8	53.9	53.1	53.9
3633	Household laundry equipment	9.7	10.4	8.8	8.9	7.9
3634	Electric housewares and fans	4.3	4.4	3.7	3.9	3.7
364	Electric lighting and wiring equipment	28.3	28.2	25.7	24.8	25.0
3641	Electric lamps	31.7	32.6	27.8	28.2	27.2
		21.1	20.8	20.7	20.7	20.6

B-3. Women employees on nonagricultural payrolls by industry — Continued

[In thousands]

1972 SIC Code	Industry	Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982	Mar. 1982
	ELECTRIC AND ELECTRONIC EQUIPMENT —Continued					
3643	Current-carrying wiring devices	39.4	39.6	38.2	38.6	38.0
365	Radio and TV receiving equipment	57.5	57.3	53.4	51.5	51.1
3651	Radio and TV receiving sets	42.7	42.4	40.8	38.8	38.0
366	Communication equipment	209.6	210.1	214.6	212.9	213.0
3661	Telephone and telegraph apparatus	77.2	76.5	72.6	72.0	71.3
3662	Radio and TV communication equipment	132.4	133.6	142.0	140.9	141.7
367	Electronic components and accessories	278.3	279.1	284.3	284.8	284.9
3671 3	Electronic tubes	16.5	16.6	15.8	15.9	15.6
3674	Semiconductors and related devices	102.9	102.9	103.4	103.5	103.5
3679	Electronic components, nec	112.9	113.4	118.6	118.8	119.2
369	Misc. electrical equipment and supplies	51.3	51.0	53.0	53.4	53.8
3694	Engine electrical equipment	21.8	21.6	22.5	22.9	23.9
37	**TRANSPORTATION EQUIPMENT**	296.6	300.3	293.7	290.3	289.9
371	Motor vehicles and equipment	106.1	108.4	100.2	98.0	99.3
3711	Motor vehicles and car bodies	38.7	39.7	34.4	33.3	34.7
3713	Truck and bus bodies	4.2	4.1	3.1	3.5	3.3
3714	Motor vehicle parts and accessories	60.0	61.3	59.0	57.6	58.0
372	Aircraft and parts	121.8	122.6	123.4	122.5	121.4
3721	Aircraft	64.7	65.6	68.8	67.9	67.1
3724	Aircraft engines and engine parts	29.7	29.7	27.5	27.3	26.9
3728	Aircraft equipment, nec	27.4	27.3	27.1	27.3	27.2
373	Ship and boat building and repairing	22.9	23.6	23.5	23.4	23.2
3731	Ship building and repairing	17.4	17.6	17.9	17.4	17.1
374	Railroad equipment	6.2	5.0	5.0	4.7	4.5
376	Guided missiles, space vehicles, parts	26.4	26.3	28.9	28.8	28.9
3761	Guided missiles and space vehicles	21.5	21.3	23.6	23.5	23.5
379	Miscellaneous transportation equipment	6.6	6.8	7.2	7.2	6.8
38	**INSTRUMENTS AND RELATED PRODUCTS**	305.6	306.1	305.6	304.7	303.3
381	Engineering and scientific instruments	24.5	24.5	24.7	24.3	24.3
382	Measuring and controlling devices	109.2	109.3	108.1	107.3	106.4
3822	Environmental controls	21.0	21.2	21.9	21.6	21.3
3823	Process control instruments	20.0	20.0	19.8	19.8	19.7
3825	Instruments to measure electricity	47.7	47.5	46.3	46.0	46.5
383	Optical instruments and lenses	11.4	11.3	11.0	11.4	11.4
384	Medical instruments and supplies	86.3	86.5	86.1	88.9	88.4
3841	Surgical and medical instruments	42.0	42.3	43.1	43.3	43.1
3842	Surgical appliances and supplies	35.9	35.8	37.0	37.6	37.4
385	Ophthalmic goods	24.4	24.5	24.2	24.2	22.1
386	Photographic equipment and supplies	28.0	28.0	29.3	29.6	29.9
387	Watches, clocks, and watchcases	12.1	12.2	10.8	11.0	10.8
39	**MISCELLANEOUS MANUFACTURING INDUSTRIES**	184.5	187.0	179.0	180.4	181.6
391	Jewelry, silverware, and plated ware	25.1	25.6	25.7	25.7	25.5
393	Musical instruments	9.8	9.9	9.5	9.4	9.4
394	Toys and sporting goods	56.6	55.6	53.3	55.2	56.3
3942 4	Dolls, games, toys, and children's vehicles	29.8	28.3	26.0	27.1	28.2
3949	Sporting and athletic goods, nec	26.8	27.4	27.9	28.1	28.1
395	Pens, pencils, office and art supplies	19.6	19.7	19.5	19.5	19.6
396	Costume jewelry and notions	25.5	26.5	23.8	23.6	24.0
399	Miscellaneous manufactures	46.7	46.7	46.5	47.0	46.8
	NONDURABLE GOODS					
20	**FOOD AND KINDRED PRODUCTS**	473.3	473.4	467.7	468.3	467.8
201	Meat products	114.2	114.4	111.5	111.0	111.1
2011	Meat packing plants	27.8	27.6	27.8	27.4	29.9
2013	Sausages and other prepared meats	20.3	20.3	20.6	20.7	20.5
2016	Poultry dressing plants	58.4	59.2	56.4	56.3	57.2
202	Dairy products	35.6	36.3	35.5	35.4	35.2
2026	Fluid milk	16.5	16.5	15.8	15.8	15.8
203	Preserved fruits and vegetables	84.7	86.1	77.9	79.7	82.7
2032	Canned specialties	8.6	8.6	8.5	8.7	8.2
2033	Canned fruits and vegetables	25.6	25.4	20.8	20.9	21.7
2037	Frozen fruits and vegetables	18.2	19.7	17.6	18.3	20.6
204	Grain mill products	29.3	29.0	29.1	28.9	28.8
205	Bakery products	56.6	57.2	56.6	56.7	57.3
2051	Bread, cake, and related products	37.2	37.5	37.5	37.4	37.8
2052	Cookies and crackers	19.4	19.7	19.1	19.5	19.5
206	Sugar and confectionery products	41.6	39.5	44.1	43.6	41.0
207	Fats and oils	5.8	5.7	6.0	5.8	5.9
208	Beverages	40.6	43.6	42.1	42.4	42.5
2082	Malt beverages	7.3	7.2	8.1	8.1	8.1
2086	Bottled and canned soft drinks	19.1	19.1	18.9	19.1	19.4
209	Misc. foods and kindred products	64.9	63.6	64.7	63.0	65.3
21	**TOBACCO MANUFACTURES**	25.9	24.2	25.5	24.1	22.5
211	Cigarettes	15.2	13.9	14.5	14.1	14.1

B-3. Women employees on nonagricultural payrolls by industry – Continued

[In thousands]

1972 SIC Code	Industry	Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982	Mar. 1982
22	**TEXTILE MILL PRODUCTS**	390.5	390.1	366.9	367.0	360.5
221	Weaving mills, cotton	63.0	62.3	59.1	58.9	56.4
222	Weaving mills, synthetics	46.1	46.5	43.7	43.4	41.2
223	Weaving and finishing mills, wool	7.3	7.3	7.2	7.1	7.0
224	Narrow fabric mills	14.0	14.0	13.6	13.5	13.6
225	Knitting mills	137.6	137.6	128.6	128.9	128.9
2251	Women's hosiery, except socks	24.5	24.3	25.1	24.7	24.2
2252	Hosiery, nec	23.0	23.2	22.8	22.9	22.7
2253	Knit outerwear mills	47.3	47.7	44.2	44.3	45.2
2254	Knit underwear mills	23.1	22.9	19.9	20.3	20.0
2257	Circular knit fabric mills	11.5	11.6	9.6	9.6	9.7
226	Textile finishing, except wool	21.5	21.5	19.9	20.1	20.5
2261	Finishing plants, cotton	9.8	9.7	9.2	9.3	9.6
2262	Finishing plants, synthetic	5.9	5.9	5.7	5.6	5.6
227	Floor covering mills	21.9	21.9	20.1	20.4	20.4
228	Yarn and thread mills	59.6	59.7	56.0	56.1	54.2
2281	Yarn mills, except wool	38.2	38.2	36.3	36.2	35.4
2282	Throwing and winding mills	11.8	11.9	10.5	10.6	10.5
229	Miscellaneous textile goods	19.5	19.3	18.7	18.6	18.3
23	**APPAREL AND OTHER TEXTILE PRODUCTS**	996.2	1,004.4	951.3	967.6	958.5
231	Men's and boys' suits and coats	58.6	58.1	59.7	59.5	58.6
232	Men's and boys' furnishings	288.5	289.5	278.3	282.4	278.3
2321	Men's and boys' shirts and nightwear	82.1	83.2	80.4	81.3	80.2
2327	Men's and boys' separate trousers	60.4	59.6	58.2	59.5	58.2
2328	Men's and boys' work clothing	81.4	81.1	79.4	80.6	78.7
233	Women's and misses' outerwear	350.3	355.1	323.8	334.3	333.2
2331	Women's and misses' blouses and waists	55.6	56.5	52.2	52.9	52.7
2335	Women's and misses' dresses	122.4	125.2	111.3	116.1	117.9
2337	Women's and misses' suits and coats	48.2	48.8	43.7	45.5	42.6
2339	Women's and misses' outerwear, nec	124.1	124.6	116.6	119.8	120.0
234	Women's and children's undergarments	77.0	76.7	75.5	76.0	76.0
2341	Women's and children's underwear	62.2	61.9	61.4	62.4	61.9
2342	Brassieres and allied garments	14.8	14.8	14.1	14.2	14.1
236	Children's outerwear	54.8	54.8	53.5	53.6	52.7
2361	Children's dresses and blouses	24.2	24.0	24.2	24.2	23.2
238	Misc. apparel and accessories	43.1	43.6	40.7	41.1	40.5
239	Misc. fabricated textile products	137.8	138.7	104.0	104.6	103.7
2391	Curtains and draperies	20.0	20.2	20.4	20.0	18.8
2392	House furnishings, nec	29.3	29.9	29.1	29.3	29.2
2396	Automotive and apparel trimmings	14.9	15.0	12.7	12.6	13.0
26	**PAPER AND ALLIED PRODUCTS**	157.4	158.7	155.2	156.7	156.3
261, 26	Paper and pulp mills	27.2	27.2	27.2	26.9	26.6
262	Paper mills, except building paper	24.3	24.3	24.5	24.2	24.1
263	Paperboard mills	5.8	5.9	5.7	5.7	5.7
264	Misc. converted paper products	76.2	77.3	76.4	76.8	76.9
265	Paperboard containers and boxes	48.2	48.3	45.9	45.3	45.1
27	**PRINTING AND PUBLISHING**	499.7	502.5	515.1	517.2	519.5
271	Newspapers	157.6	157.7	164.5	165.2	164.9
272	Periodicals	58.1	58.5	59.7	59.6	59.6
273	Books	55.1	55.2	54.3	54.3	54.7
274	Miscellaneous publishing	27.2	26.8	27.2	27.4	27.5
275	Commercial printing	129.5	131.6	133.5	134.5	135.8
2751	Commercial printing, letterpress	50.9	51.6	51.8	51.9	52.3
2752	Commercial printing, lithographic	72.6	73.7	75.2	76.0	76.8
276	Manifold business forms	15.6	15.4	16.3	16.1	16.1
278	Blankbooks and bookbinding	33.1	33.5	33.1	33.7	34.2
279	Printing trade services	11.0	11.2	12.3	12.1	12.3
28	**CHEMICALS AND ALLIED PRODUCTS**	282.0	283.5	281.3	281.4	282.2
281	Industrial inorganic chemicals	23.9	24.0	23.7	24.0	24.1
2819	Industrial inorganic chemicals, nec	16.2	16.2	15.9	16.0	16.1
282	Plastics materials and synthetics	42.5	42.7	42.0	42.2	41.6
2821	Plastics materials and resins	11.2	11.2	11.2	11.4	11.3
2824	Organic fibers, noncellulosic	22.6	22.1	22.2	22.3	22.0
283	Drugs	84.4	84.6	85.7	85.5	86.0
2834	Pharmaceutical preparations	71.3	71.3	72.3	72.1	72.4
284	Soap, cleaners, and toilet goods	58.1	58.6	57.9	57.7	58.4
2841	Soap and other detergents	14.4	13.1	9.6	9.7	9.8
2844	Toilet preparations	36.7	37.7	36.2	35.6	36.3
285	Paints and allied products	12.1	12.2	11.7	11.7	11.5
286	Industrial organic chemicals	27.2	27.4	29.0	28.6	28.5
2861-9	Gum, wood, and industrial organic chemicals, nec	22.4	22.6	24.3	24.0	23.9
287	Agricultural chemicals	10.5	10.6	10.6	10.7	10.9
289	Miscellaneous chemical products	21.3	21.4	20.7	21.0	21.2

B-3. Women employees on nonagricultural payrolls by industry—Continued

[In thousands]

1972 SIC Code	Industry	Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982	Mar. 1982
29	PETROLEUM AND COAL PRODUCTS	29.5	29.8	31.6	31.6	31.6
291	Petroleum refining	24.4	24.8	26.6	26.7	26.6
30	RUBBER AND MISC. PLASTICS PRODUCTS	252.2	254.7	245.3	244.2	243.3
301	Tires and inner tubes	10.3	10.2	9.7	9.5	8.9
302	Rubber and plastics footwear	13.8	13.6	12.7	12.2	12.9
303.4	Reclaimed rubber, and rubber and plastics hose and belting	5.7	5.9	5.2	5.0	4.9
306	Fabricated rubber products, nec.	35.2	35.5	33.6	33.7	33.3
307	Miscellaneous plastics products	187.2	189.3	183.8	183.8	183.3
31	LEATHER AND LEATHER PRODUCTS	137.4	137.7	130.5	126.2	125.9
311	Leather tanning and finishing	2.8	2.9	2.8	2.6	2.8
314	Footwear, except rubber	91.6	93.4	89.7	85.3	85.4
3143	Men's footwear, except athletic	35.4	35.6	35.8	32.8	32.8
3144	Women's footwear, except athletic	36.2	35.7	33.2	32.2	31.4
316	Luggage	7.7	8.0	6.9	7.5	7.4
317	Handbags and personal leather goods	20.0	20.3	18.2	18.1	17.9
	TRANSPORTATION AND PUBLIC UTILITIES	1,314	1,321	1,334	1,334	1,335
41	LOCAL AND INTERURBAN PASSENGER TRANSIT	71.7	72.6	80.8	80.5	81.5
411	Local and suburban transportation	14.9	15.0	16.5	16.5	16.5
412	Taxicabs	6.9	6.9	6.7	6.7	6.8
413	Intercity highway transportation	4.9	4.8	4.8	4.6	4.7
415	School buses	42.2	42.8	49.6	49.5	50.2
42	TRUCKING AND WAREHOUSING	149.8	150.9	154.8	153.6	152.7
421,3	Trucking and trucking terminals	133.9	135.4	137.5	136.5	135.5
422	Public warehousing	15.9	15.5	17.3	17.1	17.2
44	WATER TRANSPORTATION	21.1	22.2	24.2	24.3	24.8
45	TRANSPORTATION BY AIR	147.3	147.8	148.0	143.9	143.3
451,2	Air transportation	138.7	139.2	138.8	134.6	133.9
46	PIPE LINES, EXCEPT NATURAL GAS	4.9	5.0	3.4	3.4	3.4
47	TRANSPORTATION SERVICES	93.9	95.3	108.3	109.0	111.0
48	COMMUNICATION	638.9	643.2	626.9	628.0	626.5
481	Telephone communication	569.5	569.8	556.7	557.1	555.0
483	Radio and television broadcasting	64.8	65.4	70.8	71.0	71.3
49	ELECTRIC, GAS, AND SANITARY SERVICES	157.9	158.7	167.0	167.8	168.2
491	Electric services	74.5	74.8	78.3	79.2	79.6
492	Gas production and distribution	37.0	37.1	39.1	39.4	39.4
493	Combination utility services	35.4	35.8	37.1	37.1	37.1
495	Sanitary services	6.0	6.0	6.6	6.7	6.7
	WHOLESALE AND RETAIL TRADE	8,707	8,716	9,004	8,915	8,931
5051	WHOLESALE TRADE	1,371	1,377	1,397	1,398	1,403
50	WHOLESALE TRADE DURABLE GOODS	759	762	780	779	781
501	Motor vehicles and automotive equipment	86.8	87.0	88.9	89.0	89.7
502	Furniture and home furnishings	43.3	43.6	45.8	46.1	46.3
503	Lumber and construction materials	35.2	35.4	36.9	36.7	37.0
504	Sporting goods, toys, and hobby goods	23.5	23.7	24.0	23.8	24.0
505	Metals and minerals, except petroleum	29.2	29.3	29.4	29.1	28.9
506	Electrical goods	125.0	125.0	129.6	129.3	129.3
507	Hardware, plumbing, and heating equipment	64.8	64.8	65.5	65.3	65.2
508	Machinery, equipment, and supplies	303.8	305.7	314.1	313.2	314.4
509	Miscellaneous durable goods	47.6	47.7	46.2	46.2	46.4
51	WHOLESALE TRADE NONDURABLE GOODS	612	615	617	619	622
511	Paper and paper products	48.0	47.9	50.2	49.8	49.9
512	Drugs, proprietaries, and sundries	65.3	65.0	65.2	66.3	66.7
513	Apparel, piece goods, and notions	81.5	82.3	81.4	82.1	82.5
514	Groceries and related products	151.4	152.6	148.0	148.5	147.7
516	Chemicals and allied products	35.8	35.5	37.4	37.6	37.6
517	Petroleum and petroleum products	53.6	54.0	55.4	55.0	55.4
518	Beer, wine, and distilled beverages	21.9	22.1	22.1	22.1	21.9
519	Miscellaneous nondurable goods	116.9	117.6	119.0	120.8	123.1

ESTABLISHMENT DATA
WOMEN EMPLOYEES

B-3. Women employees on nonagricultural payrolls by industry – Continued

[In thousands]

1972 SIC Code	Industry	Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982	Mar. 1982
52-59	RETAIL TRADE	7,336	7,339	7,607	7,517	7,528
52	BUILDING MATERIALS AND GARDEN SUPPLIES	156.0	153.4	152.8	152.3	154.5
521	Lumber and other building materials	63.1	62.9	61.7	60.9	61.3
525	Hardware stores	53.4	54.6	54.9	54.3	54.0
53	GENERAL MERCHANDISE STORES	1,441.7	1,438.2	1,504.0	1,465.8	1,449.3
531	Department stores	1,191.0	1,187.7	1,283.0	1,211.9	1,197.7
533	Variety stores	174.6	173.6	175.7	169.9	167.7
539	Misc. general merchandise stores	76.1	76.9	85.7	84.0	83.9
54	FOOD STORES	1,023.1	1,025.8	1,056.3	1,055.1	1,051.1
541	Grocery stores	858.3	859.1	890.9	886.7	883.7
542	Meat markets and freezer provisioners	16.3	16.6	16.5	15.9	15.9
546	Retail bakeries	79.6	80.0	79.7	80.6	81.6
55	AUTOMOTIVE DEALERS AND SERVICE STATIONS	298.6	296.0	309.3	307.8	308.3
551,2	New and used car dealers	109.8	109.8	107.9	106.8	107.1
553	Auto and home supply stores	49.2	46.7	51.2	48.9	48.8
554	Gasoline service stations	125.0	124.4	136.3	137.9	137.1
56	APPAREL AND ACCESSORY STORES	650.0	653.0	682.1	655.8	656.3
561	Men's and boys' clothing and furnishings	55.2	54.4	60.1	56.7	54.6
562	Women's ready-to-wear stores	304.1	307.1	312.8	301.3	304.2
565	Family clothing stores	130.5	130.1	139.1	133.0	132.8
566	Shoe stores	82.6	83.3	88.6	85.2	84.0
57	FURNITURE AND HOME FURNISHING STORES	203.8	202.9	207.1	205.9	204.4
571	Furniture and home furnishings stores	134.4	134.7	135.9	135.3	134.4
572	Household appliance stores	22.7	22.3	23.3	23.4	23.4
573	Radio, television, and music stores	46.7	45.9	47.9	47.2	46.6
58	EATING AND DRINKING PLACES	2,519.6	2,562.4	2,562.2	2,592.6	2,630.8
59	MISCELLANEOUS RETAIL	1,043.1	1,030.8	1,093.5	1,081.8	1,072.8
591	Drug stores and proprietary stores	310.2	306.9	321.4	315.8	314.8
592	Liquor stores	33.0	32.5	36.8	36.2	36.3
594	Miscellaneous shopping goods stores	361.8	360.1	388.9	380.4	377.5
596	Nonstore retailers	159.9	159.5	172.3	165.9	166.8
598	Fuel and ice dealers	24.2	24.1	24.9	24.9	24.8
599	Retail stores, nec	133.3	127.2	128.6	137.7	131.8
	FINANCE, INSURANCE, AND REAL ESTATE	3,117	3,126	3,172	3,178	3,187
60	BANKING	1,141.2	1,146.1	1,168.3	1,168.9	1,165.7
602	Commercial and stock savings banks	1,049.9	1,054.4	1,074.3	1,075.1	1,072.0
61	CREDIT AGENCIES OTHER THAN BANKS	399.2	399.9	404.2	404.6	406.7
612	Savings and loan associations	196.0	196.1	202.0	201.8	203.0
614	Personal credit institutions	131.2	131.8	129.3	129.1	129.3
62	SECURITY, COMMODITY BROKERS, AND SERVICES	105.2	105.5	118.4	119.1	120.5
621	Security brokers and dealers	85.1	85.9	98.3	99.0	100.3
63	INSURANCE CARRIERS	749.1	751.5	741.0	743.8	747.6
631	Life insurance	298.1	299.9	295.7	297.7	301.5
632	Medical service and health insurance	103.4	103.3	101.7	101.9	102.1
633	Fire, marine, and casualty insurance	297.7	298.0	295.7	296.6	296.8
64	INSURANCE AGENTS, BROKERS, AND SERVICE	288.5	289.9	297.3	298.2	299.7
65	REAL ESTATE	359.1	359.0	365.4	365.3	368.4
651	Real estate operators and lessors	142.7	143.0	148.5	148.4	151.3
653	Real estate agents and managers	169.4	168.7	170.7	170.8	170.4
655	Subdividers and developers	32.9	33.3	33.1	33.2	34.0
66	COMBINED REAL ESTATE, INSURANCE, ETC	12.1	12.1	11.9	11.7	11.8
67	HOLDING AND OTHER INVESTMENT OFFICES	62.6	62.2	65.6	66.2	66.5
	SERVICES	10,770	10,850	11,031	11,144	11,216
70	HOTELS AND OTHER LODGING PLACES	565.0	574.9	557.1	567.6	576.6
701	Hotels, motels, and tourist courts	548.2	557.8	540.6	551.0	559.9

B-3. Women employees on nonagricultural payrolls by industry—Continued

[In thousands]

1972 SIC Code	Industry	Feb. 1981	Mar. 1981	Jan. 1982	Feb. 1982	Mar. 1982
72	PERSONAL SERVICES	646.8	647.7	639.7	646.7	650.7
721	Laundry, cleaning, and garment services	221.7	221.3	222.1	219.7	219.4
723	Beauty shops	249.3	249.7	258.9	257.9	263.5
726	Funeral service and crematories	18.8	18.7	19.6	19.9	20.3
73	BUSINESS SERVICES	1,367.4	1,380.1	1,425.3	1,431.0	1,433.4
731	Advertising	73.4	73.8	75.8	76.4	77.2
732	Credit reporting and collection	52.9	53.0	53.1	52.7	52.7
733	Mailing, reproduction, stenographic	60.9	62.4	66.5	65.0	65.0
734	Services to buildings	187.4	189.1	202.5	203.9	203.9
736	Personnel supply services	350.5	355.5	367.7	358.0	358.8
737	Computer and data processing services	154.4	154.7	168.1	168.6	169.7
75	AUTO REPAIR, SERVICES, AND GARAGES	94.8	95.9	95.2	95.6	97.1
753	Automotive repair shops	41.8	42.9	45.6	45.5	46.6
76	MISCELLANEOUS REPAIR SERVICES	59.5	58.3	58.5	59.2	59.4
78	MOTION PICTURES	82.9	84.9	78.9	77.3	79.7
781	Motion picture production and services	27.2	27.8	26.2	25.9	27.1
783	Motion picture theaters	49.6	51.1	46.3	45.1	46.3
79	AMUSEMENT AND RECREATION SERVICES	263.2	271.7	277.7	286.8	302.2
80	HEALTH SERVICES	4,424.1	4,447.8	4,621.1	4,635.9	4,646.6
801	Offices of physicians	597.1	599.4	627.4	626.3	628.5
802	Offices of dentists	298.3	303.3	317.4	322.7	323.2
805	Nursing and personal care facilities	898.6	903.1	928.7	927.5	929.9
806	Hospitals	2,298.7	2,319.8	2,400.0	2,409.6	2,413.2
81	LEGAL SERVICES	365.4	367.1	385.7	386.2	389.6
82	EDUCATIONAL SERVICES	657.3	653.7	621.2	671.1	678.5
821	Elementary and secondary schools	208.5	210.5	192.9	199.3	204.3
822	Colleges and universities	381.3	395.3	359.9	402.1	404.6
83	SOCIAL SERVICES	858.3	862.6	865.0	869.1	876.0
89	MISCELLANEOUS SERVICES	344.9	349.6	360.0	368.3	370.0
891	Engineering and architectural services	121.5	122.6	126.1	126.7	126.8
893	Accounting, auditing, and bookkeeping	161.7	164.3	172.0	178.3	180.3
	GOVERNMENT	8,028	8,050	7,712	7,831	7,886
	FEDERAL GOVERNMENT	879	876	869	872	874
	STATE AND LOCAL GOVERNMENT	7,149	7,174	6,843	6,959	7,012
	State government	1,699.8	1,737.5	1,634.3	1,681.9	1,682.9
	Hospitals	327.7	326.7	326.8	325.1	323.2
	State education	717.8	722.2	651.3	699.7	704.3
	General administration including executive, legislative, and judicial functions	435.6	439.4	441.6	442.1	441.4
	Local government	5,448.7	5,436.8	5,208.2	5,277.2	5,329.4
	Transportation and public utilities	92.9	91.1	96.5	96.3	96.2
	Hospitals	503.4	504.4	520.2	521.8	523.2
	Local education	3,658.4	3,636.2	3,467.7	3,529.8	3,570.6
	General administration including executive, legislative, and judicial functions	974.4	940.7	936.1	941.2	950.8

NOTE: In accordance with usual practice, BLS has revised establishment survey data to reflect a new benchmark and updated seasonal adjustment factors. Because of these revisions, data in this table may differ from data published earlier. See article in this issue for additional information.

ESTABLISHMENT DATA
SEASONALLY ADJUSTED EMPLOYMENT

B-4. Employees on nonagricultural payrolls by industry division and major manufacturing group, seasonally adjusted

(In thousands)

Industry division and group	1981								1982				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr. P	May P
TOTAL	91,131	91,286	91,396	91,322	91,361	91,224	93,996	93,642	90,460	90,459	90,304	89,993	89,959
GOODS PRODUCING	25,540	25,656	25,718	25,637	25,583	25,393	25,176	24,908	24,584	24,631	24,450	24,226	24,177
MINING	965	1,137	1,164	1,180	1,192	1,195	1,202	1,206	1,201	1,203	1,197	1,182	1,158
CONSTRUCTION	4,223	4,185	4,175	4,146	4,128	4,131	4,071	4,026	3,966	3,974	3,934	3,890	3,899
MANUFACTURING	20,352	20,334	20,379	20,311	20,267	20,097	19,903	19,676	19,517	19,454	19,319	19,154	19,120
DURABLE GOODS	12,237	12,246	12,266	12,228	12,188	12,059	11,901	11,724	11,522	11,575	11,490	11,360	11,341
Lumber and wood products	694	685	683	671	661	643	628	615	607	611	607	614	615
Furniture and fixtures	473	474	476	475	473	469	462	457	452	449	446	443	443
Stone, clay, and glass products	646	644	644	643	638	629	620	610	596	596	590	584	586
Primary metal industries	1,137	1,137	1,132	1,134	1,125	1,104	1,082	1,053	1,038	1,024	1,007	977	958
Fabricated metal products	1,613	1,611	1,617	1,610	1,604	1,577	1,553	1,529	1,515	1,505	1,496	1,479	1,472
Machinery, except electrical	2,506	2,516	2,527	2,532	2,539	2,532	2,511	2,488	2,459	2,446	2,419	2,376	2,365
Electric and electronic equipment	2,101	2,104	2,112	2,116	2,113	2,101	2,077	2,049	2,055	2,048	2,038	2,036	2,039
Transportation equipment	1,930	1,938	1,925	1,901	1,884	1,861	1,833	1,791	1,777	1,778	1,774	1,747	1,760
Instruments and related products	726	726	731	734	734	731	727	725	720	718	716	713	714
Miscellaneous manufacturing ind	411	411	419	412	413	412	411	409	403	400	397	391	388
NONDURABLE GOODS	8,095	8,088	8,113	8,083	8,083	8,038	8,002	7,952	7,895	7,879	7,829	7,794	7,779
Food and kindred products	1,689	1,673	1,678	1,659	1,658	1,662	1,664	1,661	1,657	1,663	1,658	1,643	1,653
Tobacco manufactures	70	71	70	70	69	69	69	68	69	68	68	67	67
Textile mill products	828	830	835	829	827	814	804	794	780	777	760	774	755
Apparel and other textile products	1,250	1,251	1,255	1,253	1,253	1,243	1,235	1,222	1,201	1,201	1,186	1,166	1,152
Paper and allied products	690	690	691	691	695	695	681	677	674	670	668	664	662
Printing and publishing	1,262	1,263	1,268	1,271	1,274	1,276	1,276	1,276	1,275	1,276	1,278	1,275	1,273
Chemicals and allied products	1,109	1,111	1,110	1,107	1,110	1,107	1,103	1,100	1,395	1,093	1,088	1,082	1,078
Petroleum and coal products	217	217	217	216	216	215	215	214	210	208	207	205	208
Rubber and misc. plastic products	745	747	750	752	748	738	725	716	712	708	703	704	706
Leather and leather products	235	235	239	235	235	233	230	224	222	215	213	214	215
SERVICE PRODUCING	65,591	65,630	65,678	65,685	65,780	65,831	65,820	65,734	65,776	65,828	65,854	65,767	65,782
TRANSPORTATION AND PUBLIC UTILITIES	5,158	5,162	5,168	5,168	5,181	5,162	5,150	5,128	5,125	5,115	5,100	5,089	5,064
WHOLESALE AND RETAIL TRADE	20,543	20,590	20,620	20,650	20,660	20,554	20,623	20,524	20,530	20,670	20,655	20,583	20,629
WHOLESALE TRADE	5,361	5,366	5,375	5,387	5,383	5,380	5,375	5,357	5,346	5,343	5,336	5,320	5,325
RETAIL TRADE	15,182	15,224	15,245	15,263	15,277	15,274	15,248	15,167	15,284	15,327	15,319	15,263	15,304
FINANCE, INSURANCE, AND REAL ESTATE	5,295	5,302	5,311	5,319	5,328	5,325	5,329	5,331	5,326	5,326	5,336	5,328	5,327
SERVICES	18,517	18,556	18,615	18,654	18,737	18,773	18,815	18,834	18,931	18,867	18,904	18,924	18,923
GOVERNMENT	16,078	16,020	15,964	15,894	15,904	15,917	15,908	15,917	15,864	15,850	15,859	15,843	15,852
FEDERAL	2,776	2,777	2,775	2,769	2,764	2,757	2,749	2,756	2,741	2,737	2,735	2,730	2,728
STATE AND LOCAL	13,302	13,243	13,189	13,125	13,140	13,160	13,159	13,161	13,123	13,113	13,123	13,113	13,124

P = preliminary

Note: In accordance with usual practice, BLS has revised establishment survey data to reflect a new benchmark and updated seasonal adjustment factors. Because of these revisions, data in this table may differ from data published earlier. See article in this issue for additional information.

B-5. Women employees on nonagricultural payrolls by industry division and major manufacturing group, seasonally adjusted

[In thousands]

Industry division and group	1981										1982		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
TOTAL	38,813	38,908	38,971	39,039	39,181	39,199	39,187	39,193	39,139	39,098	39,089	39,147	39,150
GOODS-PRODUCING	6,811	6,842	6,871	6,890	6,938	6,927	6,909	6,871	6,814	6,759	6,712	6,692	6,650
MINING	123	118	121	128	131	133	135	137	138	141	140	141	142
CONSTRUCTION	377	380	380	381	383	383	382	381	381	381	384	382	382
MANUFACTURING	6,311	6,344	6,370	6,381	6,424	6,411	6,392	6,353	6,295	6,237	6,188	6,169	6,126
DURABLE GOODS	3,016	3,037	3,055	3,066	3,087	3,087	3,074	3,053	3,008	2,972	2,957	2,942	2,922
Lumber and wood products	103	104	105	104	104	103	100	98	95	94	93	92	91
Furnitures and fixtures	139	141	142	143	145	144	142	142	139	137	136	135	135
Stone, clay, and glass products	125	125	126	127	127	128	126	126	123	122	120	120	119
Primary metal industries	126	126	127	127	126	126	125	122	119	116	113	112	110
Fabricated metal products	336	339	341	342	344	342	340	333	326	320	317	315	313
Machinery, except electrical	498	501	506	512	514	519	520	520	517	511	507	505	503
Electric and electronic equipment	889	895	898	899	904	905	905	898	884	874	880	876	870
Transportation equipment	303	307	309	312	314	314	312	308	304	298	296	295	293
Instruments and related products	307	308	309	308	311	313	312	311	310	309	307	306	304
Miscellaneous manufacturing ind	190	191	192	192	198	193	192	192	191	191	188	186	184
NONDURABLE GOODS	3,295	3,307	3,315	3,315	3,337	3,324	3,318	3,303	3,287	3,265	3,231	3,227	3,204
Food and kindred products	502	506	536	500	503	497	492	499	501	500	496	499	499
Tobacco manufactures	26	26	26	26	26	26	25	25	25	25	25	24	24
Textile mill products	391	393	393	394	398	394	394	388	383	378	370	368	362
Apparel and other textile products	1,003	1,004	1,007	1,010	1,014	1,012	1,012	1,004	998	988	971	971	958
Paper and allied products	160	161	161	160	162	162	163	160	158	156	157	157	156
Printing and publishing	502	504	505	505	508	510	512	513	513	515	516	518	518
Chemicals and allied products	285	284	284	285	285	284	285	285	285	285	284	284	283
Petroleum and coal products	31	31	31	31	31	31	32	32	32	32	32	33	33
Rubber and misc. plastics products	256	259	262	264	267	267	263	258	254	250	247	245	244
Leather and leather products	139	139	140	140	143	141	140	139	138	138	133	128	127
SERVICE PRODUCING	32,007	32,066	32,100	32,149	32,243	32,272	32,278	32,327	32,325	32,339	32,377	32,455	32,533
TRANSPORTATION AND PUBLIC UTILITIES	1,329	1,330	1,333	1,339	1,342	1,348	1,355	1,355	1,351	1,358	1,338	1,339	1,339
WHOLESALE AND RETAIL TRADE	8,912	8,941	8,951	8,984	9,021	9,043	9,057	9,066	9,049	9,022	9,084	9,129	9,150
WHOLESALE TRADE	1,382	1,390	1,392	1,393	1,396	1,403	1,406	1,407	1,412	1,408	1,405	1,408	1,409
RETAIL TRADE	7,530	7,551	7,559	7,591	7,625	7,640	7,651	7,659	7,637	7,614	7,679	7,721	7,741
FINANCE, INSURANCE, AND REAL ESTATE	3,130	3,143	3,154	3,159	3,169	3,172	3,182	3,183	3,186	3,187	3,185	3,195	3,193
SERVICES	10,852	10,886	10,933	10,957	10,972	10,989	11,028	11,086	11,113	11,135	11,151	11,192	11,216
GOVERNMENT	7,784	7,766	7,759	7,760	7,739	7,720	7,656	7,637	7,626	7,635	7,619	7,610	7,625
FEDERAL	878	873	874	875	878	879	880	876	874	881	877	875	876
STATE AND LOCAL	6,906	6,893	6,885	6,885	6,861	6,841	6,776	6,761	6,752	6,754	6,742	6,735	6,749

NOTE: In accordance with usual practice, BLS has revised establishment survey data to reflect a new benchmark and updated seasonal adjustment factors. Because of these revisions, data in this table may differ from data published earlier. See article in this issue for additional information.

ESTABLISHMENT DATA
SEASONALLY ADJUSTED EMPLOYMENT

B-6. Production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division and major manufacturing group, seasonally adjusted

[In thousands]

Industry division and group	1981								1982				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr. p	May p
TOTAL PRIVATE	60,890	61,046	61,193	61,168	61,180	61,017	60,775	60,401	60,248	59,282	60,132	59,544	59,603
GOODS-PRODUCING	18,201	18,267	18,313	18,224	18,184	17,972	17,754	17,478	17,251	17,225	17,073	16,864	16,853
MINING	717	837	856	869	876	877	882	883	875	876	871	862	863
CONSTRUCTION	3,294	3,253	3,245	3,219	3,201	3,180	3,155	3,107	3,035	3,059	3,023	2,971	2,995
MANUFACTURING	14,190	14,177	14,212	14,136	14,107	13,915	13,717	13,488	13,341	13,290	13,179	13,031	13,014
DURABLE GOODS	8,428	8,427	8,439	8,389	8,345	8,218	8,061	7,885	7,793	7,759	7,685	7,564	7,553
Lumber and wood products	580	572	570	558	549	541	516	503	497	502	497	505	505
Furniture and fixtures	382	383	385	383	381	376	369	364	359	356	353	350	351
Stone, clay, and glass products	498	497	496	496	492	486	475	465	452	452	446	441	444
Primary metal industries	876	876	872	871	865	843	821	795	780	770	756	728	712
Fabricated metal products	1,193	1,190	1,196	1,188	1,182	1,156	1,133	1,110	1,096	1,089	1,081	1,068	1,064
Machinery, except electrical	1,589	1,596	1,601	1,607	1,606	1,598	1,576	1,552	1,526	1,514	1,49[illegible]	1,449	1,439
Electric and electronic equipment	1,325	1,325	1,331	1,331	1,327	1,314	1,285	1,257	1,266	1,258	1,[illegible]	1,244	1,249
Transportation equipment	1,452	1,455	1,448	1,419	1,436	1,384	1,359	1,335	1,302	1,308	1,309	1,084	1,098
Instruments and related products	429	429	432	431	431	428	426	423	420	418	415	411	409
Miscellaneous manufacturing ind.	304	304	312	305	306	304	303	301	295	292	290	284	282
NONDURABLE GOODS	5,762	5,750	5,773	5,747	5,762	5,697	5,656	5,603	5,548	5,531	5,494	5,467	5,461
Food and kindred products	1,164	1,148	1,154	1,139	1,137	1,142	1,144	1,143	1,135	1,142	1,138	1,124	1,132
Tobacco manufactures	55	55	55	55	54	54	54	53	54	53	53	52	52
Textile mill products	718	719	724	718	717	704	693	683	670	667	651	664	649
Apparel and other textile products	1,065	1,066	1,069	1,060	1,060	1,056	1,049	1,036	1,018	1,018	1,006	988	983
Paper and allied products	520	520	521	520	525	515	511	506	504	501	499	497	496
Printing and publishing	697	697	698	699	701	702	700	700	699	699	701	698	699
Chemicals and allied products	630	631	630	630	629	625	621	616	612	609	609	603	624
Petroleum and coal products	138	136	136	134	134	133	132	131	125	124	124	123	125
Rubber and misc. plastics products	577	580	584	586	588	588	557	548	544	539	536	538	540
Leather and leather products	198	198	202	200	199	198	195	193	187	180	179	180	182
SERVICE PRODUCING	42,689	42,779	42,880	42,944	43,016	43,045	43,021	42,923	43,997	43,057	43,059	42,980	42,950
TRANSPORTATION AND PUBLIC UTILITIES	4,279	4,282	4,285	4,285	4,295	4,275	4,261	4,241	4,241	4,232	4,217	4,202	4,194
WHOLESALE AND RETAIL TRADE	17,934	17,981	18,026	18,049	18,059	18,053	18,010	17,920	18,011	18,061	18,051	17,998	18,030
WHOLESALE TRADE	4,364	4,366	4,376	4,381	4,376	4,373	4,367	4,348	4,332	4,327	4,317	4,299	4,309
RETAIL TRADE	13,570	13,615	13,650	13,668	13,683	13,680	13,643	13,572	13,679	13,734	13,734	13,699	13,721
FINANCE, INSURANCE, AND REAL ESTATE	4,000	4,005	4,010	4,018	4,023	4,019	4,010	4,014	4,007	4,003	4,004	3,992	3,986
SERVICES	16,476	16,511	16,559	16,592	16,639	16,698	16,731	16,748	16,738	16,761	16,787	16,788	16,753

[1] For coverage of series, see footnote 1, table B-2.
p = preliminary.

Note: In accordance with usual practice, BLS has revised establishment survey data to reflect a new benchmark and updated seasonal adjustment factors. Because of these revisions, data in this table may differ from data published earlier. See article in this issue for additional information.

B-7. Indexes of diffusion: Percent of industries in which employment[1] increased

Year and month	Over 1-month span	Over 3-month span	Over 6-month span	Over 12-month span
1979				
January	64.2	68.5	72.3	73.7
February	61.6	68.3	71.0	70.4
March	65.6	65.1	68.8	69.1
April	51.6	65.9	63.7	65.6
May	61.8	62.1	59.4	58.7
June	62.4	63.4	53.5	57.3
July	54.3	53.2	58.1	57.5
August	53.5	48.4	49.2	53.9
September	48.9	53.8	49.7	52.2
October	61.8	51.6	51.6	46.0
November	50.3	54.0	51.6	39.8
December	51.1	51.1	47.6	35.5
1980				
January	53.8	50.0	39.8	30.9
February	48.9	47.0	34.1	32.3
March	49.2	35.2	29.3	32.8
April	29.0	28.8	23.1	33.9
May	32.8	23.1	26.6	31.7
June	29.6	28.2	28.8	32.3
July	35.2	34.1	35.8	31.7
August	64.0	51.6	44.1	33.9
September	61.0	69.1	59.1	33.9
October	62.6	67.2	71.2	39.5
November	59.4	64.2	64.0	50.8
December	58.6	58.9	61.0	62.6
1981				
January	56.7	53.5	64.8	73.9
February	48.7	52.2	65.9	71.7
March	51.1	60.2	67.2	70.5
April	68.3	70.2	67.7	62.1
May	65.3	70.4	62.2	50.0
June	54.0	63.9	67.3	43.1
July	59.9	59.4	51.1	33.7
August	50.3	57.0	39.0	33.5
September	50.3	40.1	33.9	31.5
October	34.7	30.6	30.1	26.6p
November	28.2	26.3	27.7	28.7p
December	31.2	23.4	28.2	
1982				
January	32.5	28.0	21.2p	
February	42.5	31.2	25.0p	
March	35.8	31.2p		
April	37.9p	35.8p		
May	45.2p			
June				
July				
August				
September				
October				
November				
December				

[1] Number of employees, seasonally adjusted, on payrolls of 186 private nonagricultural industries.
p = preliminary.

NOTE: Figures are the percent of industries with employment rising. (Half of the unchanged components are counted as rising.)

NOTE: In accordance with usual practice, BLS has revised establishment survey data to reflect a new benchmark and updated seasonal adjustment factors. Because of these revisions, data in this table may differ from data published earlier. In addition, data in this table have been revised from January 1972 through February 1982.

ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division

(In thousands)

State and areas	Total			Mining			Construction			Manufacturing		
	APR. 1981	MAR. 1982	APR. 1982P	APR. 1981	MAR. 1982	APR. 1982P	APR. 1981	MAR. 1982	APR. 1982P	APR. 1981	MAR. 1982	APR. 1982P
ALABAMA	1,346.3	1,332.6	1,327.5	8.0	16.8	16.5	67.2	63.6	64.2	363.0	344.5	336.3
Birmingham	339.3	340.9	341.6	3.4	8.7	8.7	19.1	17.7	18.4	61.2	57.3	56.4
Huntsville	120.2	124.0	124.6	(1)	(1)	(1)	3.9	3.6	3.8	35.2	36.9	37.2
Mobile	153.5	149.7	148.6	(1)	(1)	(1)	12.3	9.2	9.2	30.1	30.2	29.0
Montgomery	107.5	104.9	104.9	(1)	(1)	(1)	6.0	5.5	5.5	16.9	15.5	15.5
Tuscaloosa	49.8	50.5	(*)	.8	2.8	(*)	2.5	2.0	(*)	8.1	7.8	(*)
ALASKA	171.3	176.8	180.5	8.0	8.0	7.9	9.5	11.2	12.2	11.7	8.7	9.1
ARIZONA	1,045.0	1,050.1	1,048.7	24.8	21.8	21.7	72.2	62.4	62.2	158.3	155.2	154.3
Phoenix	669.1	664.9	663.1	.4	.4	.4	49.2	42.9	42.6	116.8	112.6	111.7
Tucson	191.0	191.8	192.8	7.7	5.3	6.0	13.3	11.1	11.0	23.1	25.2	25.4
ARKANSAS	746.9	722.0	726.0	5.7	6.1	6.3	34.6	28.0	29.4	210.3	198.1	199.3
Fayetteville—Springdale	66.5	65.1	65.7	(1)	(1)	(1)	2.7	2.5	2.5	20.5	18.9	18.9
Fort Smith	70.5	65.7	65.4	1.1	1.2	1.2	2.9	2.2	2.1	22.7	20.2	20.1
Little Rock—North Little Rock	179.4	176.4	176.8	(1)	(1)	(1)	8.6	8.3	8.7	29.6	28.0	27.4
Pine Bluff	31.6	30.9	31.1	(1)	(1)	(1)	2.1	1.5	1.7	6.3	5.9	5.9
CALIFORNIA	9,991.8	10,034.7	10,020.2	46.2	48.7	48.6	432.9	384.8	377.6	2,011.8	1,963.4	1,943.8
Anaheim—Santa Ana—Garden Grove	866.4	866.1	867.4	2.6	2.9	3.1	50.5	44.1	44.0	223.5	221.5	219.5
Bakersfield	134.6	134.8	135.5	13.7	14.2	14.2	6.9	6.4	6.2	10.0	9.8	9.7
Fresno	183.1	182.4	182.7	.9	1.0	1.0	9.8	9.1	9.4	22.5	22.1	22.1
Los Angeles—Long Beach	3,659.9	3,620.6	3,604.5	14.0	14.7	14.3	124.1	106.1	104.2	917.4	886.0	875.3
Modesto	86.8	87.2	88.1	.1	.1	.1	5.2	4.8	4.9	17.7	17.9	18.6
Oxnard—Simi Valley—Ventura	158.1	161.6	162.0	2.8	3.0	3.0	7.3	6.7	6.6	24.5	25.7	25.9
Riverside—San Bernardino—Ontario	441.4	442.5	441.4	2.2	1.9	1.9	24.0	21.5	21.4	63.5	62.4	61.3
Sacramento	405.6	406.3	405.1	.6	.7	.7	17.9	15.8	15.6	27.5	26.5	26.2
Salinas—Seaside—Monterey	89.5	89.6	90.0	.4	.4	.4	3.3	3.3	3.4	9.0	8.7	8.8
San Diego	661.0	661.0	661.7	.6	.6	.6	35.6	31.1	31.1	108.2	107.1	106.5
San Francisco—Oakland	1,575.8	1,578.9	1,577.5	3.8	4.3	4.4	75.1	72.0	71.6	200.2	194.3	192.7
San Jose	686.9	698.7	697.2	.1	.1	.1	24.8	21.6	21.2	242.7	249.1	248.7
Santa Barbara—Santa Maria—Lompoc	123.8	124.7	124.6	1.6	1.6	1.5	4.9	4.6	4.5	18.0	18.3	18.1
Santa Rosa	94.6	95.3	95.3	.4	.4	.4	5.4	4.5	4.4	14.7	15.5	15.5
Stockton	120.7	118.5	118.4	.1	.1	.1	5.6	5.3	5.3	21.7	19.6	19.9
Vallejo—Fairfield—Napa	101.3	101.3	102.7	.5	.5	.5	5.2	4.5	4.7	10.4	10.6	10.9
COLORADO	1,273.0	1,284.5	1,288.1	40.5	43.0	42.4	72.7	71.5	73.9	182.4	181.3	181.2
Denver—Boulder	813.9	824.5	827.1	24.3	27.6	27.6	42.9	43.1	44.1	127.0	127.0	127.1
CONNECTICUT	1,436.4	1,413.9	1,417.7	(2)	(2)	(2)	48.1	44.3	47.6	441.2	421.4	417.7
Bridgeport	169.5	167.5	168.0	(2)	(2)	(2)	4.2	3.9	4.2	64.8	64.2	63.4
Hartford	398.4	394.2	396.2	(2)	(2)	(2)	10.8	9.7	11.3	99.1	92.3	93.2
New Britain	63.5	61.2	61.7	(2)	(2)	(2)	2.1	1.8	2.2	29.6	27.5	27.1
New Haven—West Haven	188.5	186.9	187.0	(2)	(2)	(2)	5.5	5.4	5.9	42.4	40.4	39.8
Stamford	111.2	111.5	112.6	(2)	(2)	(2)	5.3	5.0	5.8	32.3	31.8	31.5
Waterbury	86.7	87.0	87.2	(2)	(2)	(2)	2.2	2.4	2.8	31.8	31.3	30.8
DELAWARE	259.1	253.7	256.0	(1)	(1)	(1)	13.0	12.9	14.0	71.8	69.7	69.4
Wilmington	230.1	224.4	226.1	(1)	(1)	(1)	13.8	13.0	14.4	65.7	63.4	63.2
DISTRICT OF COLUMBIA	612.2	600.9	602.0	(1)	(1)	(1)	12.0	11.4	11.6	15.0	14.2	14.3
Washington SMSA	1,606.0	1,577.2	1,582.8	(1)	(1)	(1)	78.1	65.7	67.2	58.7	58.8	59.2
FLORIDA	3,735.4	3,828.9	3,809.9	11.2	10.7	10.6	280.3	260.9	256.5	466.8	465.5	457.9
Bradenton	46.1	49.7	(*)	-	-	(*)	4.1	4.6	(*)	7.7	7.1	(*)
Daytona Beach	81.9	80.9	81.1	-	-	-	5.2	4.8	4.5	8.7	8.3	8.3
Fort Lauderdale—Hollywood	367.5	359.2	355.9	(1)	(1)	(1)	32.2	26.1	25.2	41.6	41.0	40.5
Fort Myers—Cape Coral	73.4	71.9	72.3	(1)	(1)	(1)	9.1	8.0	8.0	3.7	3.8	4.3
Gainesville	67.8	70.6	70.5	(1)	(1)	(1)	3.2	3.0	3.0	4.4	4.5	4.5
Jacksonville	300.3	301.0	301.5	(1)	(1)	(1)	18.0	17.7	17.7	33.6	33.0	33.2
Lakeland—Winter Haven	125.9	122.1	118.3	6.1	5.7	5.5	10.1	9.3	8.9	23.6	22.4	20.1
Melbourne—Titusville—Cocoa	105.6	106.2	105.4	(1)	(1)	(1)	6.7	5.8	5.8	23.3	24.2	23.9
Miami	754.7	736.8	731.2	(1)	(1)	(1)	41.7	35.6	34.7	100.7	98.4	97.6
Orlando	302.4	302.9	302.1	(1)	(1)	(1)	21.9	18.5	19.2	37.8	39.1	37.7
Panama City	34.8	34.3	(*)	(1)	(1)	(*)	2.0	2.1	(*)	3.7	3.4	(*)
Pensacola	99.9	99.3	100.2	(1)	(1)	(1)	7.3	6.4	6.3	12.7	12.0	12.0
Sarasota	74.3	74.6	73.8	(1)	(1)	(1)	7.8	6.7	6.8	6.4	6.2	6.2
Tallahassee	77.1	74.2	74.4	(1)	(1)	(1)	3.8	3.4	3.5	2.9	2.9	2.9
Tampa—St. Petersburg	575.8	576.2	575.1	(1)	(1)	(1)	42.9	38.7	38.5	79.7	78.2	77.8
West Palm Beach—Boca Raton	222.6	227.7	224.6	(1)	(1)	(1)	21.2	18.6	18.0	28.3	28.3	28.1

See footnotes at end of table.

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
APR. 1981	MAR. 1982	APR. 1982P	APR. 1981	MAR. 1982	APR. 1982P	APR. 1981	MAR. 1982	APR. 1982P	APR. 1981	MAR. 1982	APR. 1982P	APR. 1981	MAR. 1982	APR. 1982P	
71.3	70.5	70.8	269.5	270.5	272.6	59.2	59.0	59.0	211.2	212.9	212.9	296.9	294.8	294.7	1
29.3	29.7	29.8	80.6	80.4	80.8	22.9	22.9	22.9	68.7	70.0	70.3	54.1	54.2	54.3	2
2.6	2.7	2.6	21.6	22.3	22.4	3.6	3.5	3.5	18.7	19.3	19.6	34.5	35.7	35.5	3
10.5	10.2	10.3	36.5	35.8	35.7	7.3	7.2	7.2	29.3	30.2	30.4	27.5	26.8	26.7	4
4.4	4.4	4.4	23.4	23.0	23.0	6.3	6.2	6.3	20.9	20.8	20.8	29.6	29.5	29.4	5
1.7	1.7	(*)	9.9	9.7	(*)	1.7	1.7	(*)	6.6	6.5	(*)	18.5	18.3	(*)	6
17.0	17.1	17.4	29.3	31.3	31.8	8.2	8.7	8.8	30.1	31.7	32.5	57.2	60.1	60.9	7
53.3	55.1	55.2	252.1	262.1	261.2	60.2	62.3	62.1	216.7	223.5	224.2	208.0	207.7	207.8	8
32.6	34.0	34.2	168.8	175.1	174.2	46.6	48.3	48.1	140.6	147.8	148.1	104.1	103.8	103.8	9
9.0	9.0	9.0	41.8	43.7	43.8	8.6	8.8	8.8	41.4	43.1	43.0	46.1	45.6	45.8	10
42.9	42.7	42.6	159.1	158.5	160.3	31.7	32.1	32.6	118.0	116.3	116.1	143.7	140.2	140.4	11
4.0	4.0	4.1	15.8	16.2	16.6	2.3	2.3	2.3	9.4	9.5	9.5	11.8	11.7	11.8	12
3.6	3.2	3.2	14.3	14.0	14.0	2.5	2.6	2.7	12.8	12.0	12.0	10.6	10.3	10.1	13
13.7	13.1	13.1	41.7	40.7	40.9	12.7	12.7	12.8	35.4	36.0	36.3	37.7	37.6	37.6	14
3.9	3.8	3.8	6.2	6.1	6.2	1.3	1.4	1.3	5.1	5.3	5.3	6.7	6.9	6.9	15
549.3	548.6	549.2	2,270.3	2,322.2	2,325.9	641.0	656.8	657.7	2,233.2	2,326.3	2,330.6	1,807.1	1,787.1	1,787.0	16
29.1	29.6	29.6	206.8	213.7	215.0	61.5	62.7	62.4	181.9	185.1	186.5	110.5	106.5	107.3	17
7.7	7.7	7.7	34.0	33.8	34.2	5.2	5.3	5.3	24.7	24.9	25.2	32.4	32.7	33.0	18
10.7	10.6	10.6	46.9	47.7	47.6	11.6	11.7	11.7	37.7	38.1	38.1	43.0	42.1	42.2	19
200.3	195.7	195.5	809.6	817.9	815.8	239.2	241.7	241.8	859.3	883.6	883.0	496.0	474.9	471.0	20
3.8	3.7	3.7	21.1	21.8	21.3	3.6	3.6	3.6	17.4	18.1	18.1	17.9	17.2	17.8	21
6.8	7.1	7.1	37.7	39.5	39.7	8.2	8.5	8.5	31.8	32.7	32.7	39.0	38.4	38.5	22
25.9	25.9	25.9	107.2	109.9	109.6	19.5	20.1	20.0	95.1	97.2	97.3	104.0	103.6	103.5	23
22.1	22.5	22.4	92.4	94.6	94.0	22.1	22.5	22.5	78.1	79.2	78.8	144.9	144.5	144.9	24
5.3	4.9	5.0	22.8	23.1	23.3	4.4	4.3	4.3	19.9	20.0	20.1	24.4	24.9	24.7	25
29.4	29.4	29.4	149.8	150.8	151.1	40.7	41.3	41.3	153.9	157.6	158.9	144.8	143.1	142.8	26
130.2	128.3	128.0	355.9	362.7	360.8	148.8	152.9	152.6	367.8	376.7	378.9	294.0	287.7	288.5	27
22.2	22.4	22.2	126.9	132.3	132.4	28.6	28.6	28.5	158.8	161.9	162.5	82.8	82.7	81.6	28
5.2	5.3	5.3	29.0	29.4	29.5	5.9	6.0	6.0	33.6	34.7	34.9	25.6	24.8	24.9	29
4.9	4.8	4.9	22.7	23.4	23.5	6.0	6.0	6.0	20.1	20.2	20.3	20.4	20.5	20.3	30
8.3	7.8	7.8	26.9	27.3	27.0	5.3	5.4	5.4	24.7	25.5	25.3	28.1	27.5	27.6	31
4.7	4.4	4.5	22.0	22.5	22.8	3.4	3.4	3.4	20.1	20.2	20.4	35.0	35.2	35.5	32
80.8	80.3	80.7	305.7	310.4	311.6	78.8	80.9	81.2	264.7	271.7	272.9	247.5	245.4	244.3	33
56.4	55.9	56.0	191.1	194.5	194.6	55.9	57.7	58.1	176.3	180.9	182.2	139.9	137.9	137.4	34
60.7	60.2	60.1	301.7	301.4	302.2	108.7	113.9	114.3	287.7	289.5	293.0	191.3	183.2	181.8	35
6.0	6.0	6.0	34.7	34.3	34.9	7.7	7.7	7.7	34.9	34.4	34.7	17.2	17.0	17.1	36
14.3	14.4	14.5	83.5	84.7	84.7	61.3	62.6	63.0	75.4	76.2	77.5	54.0	54.3	54.0	37
3.2	3.3	3.3	10.4	10.3	10.4	1.8	1.8	1.9	9.7	10.1	10.1	6.7	6.4	6.7	38
15.7	15.7	15.8	39.9	40.1	40.1	11.0	11.3	11.3	48.7	49.5	49.7	25.3	24.5	24.4	39
4.7	4.6	4.7	25.0	25.6	26.0	8.2	8.5	8.5	25.5	25.1	25.8	10.2	10.3	10.3	40
3.1	3.1	3.1	15.5	15.7	15.8	3.8	3.8	3.9	18.8	19.3	19.4	11.5	11.4	11.4	41
12.2	11.8	11.8	55.4	54.0	55.0	12.6	12.8	12.8	48.8	48.3	48.6	45.4	44.2	44.5	42
11.8	11.6	11.5	47.1	45.8	46.1	11.8	12.0	12.0	43.5	43.3	43.6	36.4	35.3	35.3	43
26.2	26.0	26.1	63.2	63.2	63.4	34.4	33.5	32.7	188.6	187.2	187.2	272.8	265.4	265.7	44
72.3	71.8	72.4	306.5	309.8	312.3	91.2	90.5	91.4	447.9	448.2	449.9	551.6	532.4	530.4	45
228.7	229.4	230.4	987.8	1,037.2	1,037.1	271.3	283.9	281.7	859.4	919.6	912.6	630.1	621.7	623.1	46
1.4	1.5	(*)	12.7	12.7	(*)	2.9	3.8	(*)	8.4	9.8	(*)	8.9	10.2	(*)	47
3.3	3.2	3.3	23.4	23.4	23.6	4.6	4.6	4.7	22.0	21.7	21.8	14.7	14.9	14.9	48
17.8	17.5	17.6	108.9	105.5	104.9	31.7	32.6	32.2	87.8	87.7	86.7	47.5	48.8	48.8	49
4.2	4.4	4.4	21.2	20.2	20.1	6.4	6.7	6.8	16.3	17.0	16.9	12.2	11.8	11.8	50
1.6	1.7	1.7	14.1	14.6	14.7	2.9	3.2	3.2	14.0	14.8	14.5	27.6	28.8	28.9	51
24.7	25.0	25.0	77.9	77.9	77.7	28.3	28.1	28.2	63.5	65.0	65.2	54.3	54.3	54.5	52
5.3	5.3	5.2	31.0	30.1	29.4	7.0	7.0	6.9	24.9	24.6	24.5	17.9	17.7	17.8	53
4.6	4.6	4.5	22.8	22.6	22.3	4.2	4.2	4.2	25.2	26.5	26.2	18.8	18.3	18.4	54
74.4	71.5	71.4	198.7	195.4	193.8	57.7	57.7	57.1	183.6	181.3	179.9	97.9	96.9	96.7	55
15.1	15.8	15.9	81.9	81.6	81.4	20.4	20.6	20.5	82.9	82.4	82.4	42.4	44.9	45.0	56
2.2	2.1	(*)	9.6	9.5	(*)	1.6	1.7	(*)	7.0	6.7	(*)	8.7	8.8	(*)	57
5.1	4.8	4.9	23.7	24.6	24.9	4.3	4.4	4.5	20.7	21.2	21.5	26.1	25.9	26.1	58
3.2	3.3	3.2	22.7	23.5	22.8	5.9	6.2	6.1	18.6	18.4	18.3	9.7	10.3	10.4	59
3.0	3.0	3.1	15.5	15.4	15.4	3.4	3.6	3.6	13.9	13.5	13.5	34.6	32.4	32.4	60
32.1	32.6	32.8	159.0	161.5	160.5	41.0	42.3	42.6	138.9	138.5	138.6	82.2	84.4	84.3	61
9.2	9.8	9.9	58.7	62.1	60.9	18.5	18.9	19.1	55.1	58.0	56.5	31.6	32.0	32.1	62

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

	State and areas	Total			Mining			Construction			Manufacturing		
		APR. 1981	MAR. 1982	APR. 1982P	APR. 1981	MAR. 1982	APR. 1982P	APR. 1981	MAR. 1982	APR. 1982P	APR. 1981	MAR. 1982	APR. 1982P
1	**GEORGIA**	2,191.2	2,159.7	2,164.2	7.8	7.9	7.9	104.1	99.9	98.4	520.8	498.4	495.5
2	Albany	44.4	45.0	44.9	(1)	(1)	(1)	1.9	2.4	2.3	11.8	11.9	11.8
3	Atlanta	993.2	993.8	996.2	(1)	(1)	(1)	47.0	44.6	44.2	147.6	142.6	142.6
4	Augusta	122.5	122.2	122.6	(1)	(1)	(1)	5.7	5.0	4.9	35.6	34.9	34.4
5	Columbus	79.9	76.4	77.9	(1)	(1)	(1)	4.9	5.1	4.9	20.3	17.3	18.8
6	Macon	97.6	98.3	98.6	(1)	(1)	(1)	3.8	3.8	3.9	16.8	16.8	17.3
7	Savannah	87.0	89.9	85.7	(1)	(1)	(1)	4.8	4.8	4.6	16.7	16.2	16.7
8	**HAWAII**	406.7	403.1	402.1	-	-	-	22.4	20.3	19.6	23.2	21.9	22.4
9	Honolulu	334.7	330.3	330.6	-	-	-	18.1	16.5	15.9	16.9	15.5	16.2
10	**IDAHO**	326.5	314.6	315.7	4.6	3.4	3.3	15.5	14.1	15.1	52.2	47.9	47.0
11	Boise City	77.5	75.5	75.8	(1)	(1)	(1)	5.3	5.0	5.2	8.4	8.0	8.0
12	**ILLINOIS**	4,720.9	4,618.3	4,624.6	16.0	28.2	28.3	163.7	143.9	156.6	1,139.3	1,055.8	1,043.9
13	Bloomington—Normal	51.1	49.5	50.0	(2)	(2)	(2)	1.8	1.4	1.7	6.9	6.2	6.3
14	Champaign—Urbana—Rantoul	76.7	76.6	76.8	(2)	(2)	(2)	1.4	1.3	1.3	7.7	7.7	7.6
15	Chicago—Gary [3]	(4)	3,391.0	(4)	(4)	3.8	(4)	(4)	109.6	(4)	(4)	804.1	(4)
16	Chicago SMSA [5]	3,219.2	3,164.8	3,164.0	3.9	3.7	3.9	98.8	88.1	94.2	789.7	724.5	717.4
17	Davenport—Rock Island—Moline	163.9	155.4	156.1	(2)	(2)	(2)	7.3	6.6	7.2	51.9	44.6	44.1
18	Decatur	55.7	54.9	54.9	(2)	(2)	(2)	2.2	2.0	2.1	20.1	19.5	19.6
19	Kankakee	33.6	32.7	32.4	(2)	(2)	(2)	1.5	1.5	1.5	9.3	8.1	8.1
20	Peoria	146.8	142.4	142.8	(2)	(2)	(2)	6.7	5.7	6.3	47.5	44.2	43.9
21	Rockford	116.6	111.6	110.7	(2)	(2)	(2)	3.3	3.1	3.0	49.7	45.4	44.5
22	Springfield	85.7	85.9	86.5	(2)	(2)	(2)	3.9	3.4	3.8	6.7	6.4	6.3
23	**INDIANA**	2,122.7	2,025.9	2,032.5	6.4	8.4	8.8	85.8	70.2	72.3	663.5	608.8	606.9
24	Anderson	46.4	41.7	42.0	(1)	(1)	(1)	1.0	1.0	1.0	20.1	16.4	16.6
25	Elkhart	68.1	65.2	65.8	-	-	-	2.1	1.6	1.7	34.7	33.2	33.5
26	Evansville	125.3	123.5	124.8	1.6	2.5	2.5	6.1	6.1	6.3	36.9	34.5	34.9
27	Fort Wayne	171.3	162.9	163.7	(1)	(1)	(1)	7.2	6.1	6.6	53.8	49.3	49.2
28	Gary—Hammond—East Chicago [3]	250.6	236.3	237.9	(1)	(1)	(1)	14.6	13.2	13.2	91.7	82.9	81.8
29	Indianapolis	532.1	517.0	518.4	(1)	(1)	(1)	21.4	19.8	20.2	123.1	116.4	115.2
30	Lafayette—West Lafayette	58.4	56.9	57.3	(1)	(1)	(1)	2.4	2.0	2.2	11.2	10.8	10.6
31	Muncie	49.8	46.7	46.9	(1)	(1)	(1)	1.2	.9	1.0	13.1	10.8	10.7
32	South Bend	137.1	103.3	103.6	(1)	(1)	(1)	4.5	3.3	3.4	30.4	29.5	29.7
33	Terre Haute	61.7	57.9	57.3	.4	1.4	1.4	3.3	2.4	2.5	15.2	13.7	13.1
34	**IOWA**	1,106.7	1,044.8	1,055.4	2.0	1.5	1.7	44.9	33.7	37.5	237.4	210.4	216.6
35	Cedar Rapids	82.0	78.0	77.6	(1)	(1)	(1)	3.3	2.7	2.8	26.2	24.3	23.7
36	Des Moines	177.2	171.4	170.7	(1)	(1)	(1)	6.6	4.8	4.9	23.7	21.4	21.6
37	Dubuque	42.3	39.4	39.0	(1)	(1)	(1)	1.1	.9	1.0	14.4	12.4	12.1
38	Sioux City	49.5	48.5	48.2	(1)	(1)	(1)	2.2	1.3	1.5	9.1	8.9	8.4
39	Waterloo—Cedar Falls	64.8	52.6	61.6	(1)	(1)	(1)	1.0	1.7	1.8	23.5	11.5	20.4
40	**KANSAS**	954.7	939.8	939.8	18.6	20.1	19.7	43.9	36.2	38.0	189.1	180.2	178.4
41	Lawrence	28.6	28.5	28.5	(2)	(2)	(2)	.8	.6	.7	4.7	4.5	4.5
42	Topeka	86.2	84.5	84.3	.2	.1	.2	3.3	2.5	2.8	10.4	9.9	9.8
43	Wichita	208.2	201.6	199.4	3.3	3.8	3.8	9.1	8.7	8.9	64.7	59.8	58.9
44	**KENTUCKY**	1,196.0	1,164.7	1,167.7	43.4	52.4	55.2	50.4	43.3	45.2	275.0	255.5	261.2
45	Lexington—Fayette	144.1	141.7	144.1	(1)	(1)	(1)	6.0	5.1	6.5	29.2	28.1	27.9
46	Louisville	387.2	370.4	369.7	(1)	(1)	(1)	16.4	15.8	16.5	99.7	89.0	88.0
47	Owensboro	31.0	28.0	28.0	1.2	.8	.8	1.7	1.2	1.3	6.9	6.0	5.9
48	**LOUISIANA**	1,614.0	1,630.6	1,628.3	99.3	100.7	100.7	136.1	136.3	133.9	218.2	206.9	205.2
49	Alexandria	52.6	53.5	53.5	(1)	(1)	(1)	3.9	3.7	3.8	5.0	5.3	5.2
50	Baton Rouge	203.9	206.3	205.3	1.3	1.3	1.3	24.8	20.9	19.5	24.3	26.0	26.1
51	Lafayette	88.5	94.2	96.9	18.0	20.3	20.7	5.7	5.5	5.8	4.6	5.0	5.2
52	Lake Charles	70.7	67.4	67.1	2.3	2.5	2.4	10.5	8.2	7.5	13.5	11.6	11.6
53	Monroe	51.2	48.8	49.2	.6	.7	.7	3.3	2.7	2.9	8.2	7.1	7.1
54	New Orleans	517.6	515.8	515.4	15.4	21.4	21.6	30.8	30.3	30.2	52.1	49.7	49.2
55	Shreveport	150.3	152.7	151.7	7.3	7.7	7.7	8.6	7.8	7.9	27.2	28.1	27.7
56	**MAINE**	412.0	398.9	403.0	(1)	(1)	(1)	16.3	12.5	13.8	112.3	106.6	107.9
57	Lewiston—Auburn	34.6	33.1	33.4	(1)	(1)	(1)	1.2	1.0	1.1	12.1	10.8	10.8
58	Portland	91.8	93.0	94.2	(1)	(1)	(1)	3.8	3.2	3.6	17.7	17.4	17.3
59	**MARYLAND**	1,723.1	1,663.7	1,683.5	(1)	(1)	(1)	97.5	77.7	80.7	233.5	217.3	216.3
60	Baltimore SMSA	971.1	933.5	949.1	(1)	(1)	(1)	46.9	35.7	36.7	157.9	144.8	144.3
61	Baltimore City [3]	458.6	435.9	440.2	(1)	(1)	(1)	17.3	14.3	14.3	66.2	59.8	57.8

See footnotes at end of table

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
APR. 1981	MAR. 1982	APR. 1982P	APR. 1981	MAR. 1982	APR. 1982P	APR. 1981	MAR. 1982	APR. 1982P	APR. 1981	MAR. 1982	APR. 1982P	APR. 1981	MAR. 1982	APR. 1982P	
143.9	142.4	142.3	501.5	494.4	496.6	112.4	114.2	115.2	357.9	364.1	365.4	441.7	438.4	439.8	1
2.3	2.2	2.2	9.2	9.5	9.5	2.0	2.0	2.0	6.3	6.2	6.3	10.8	10.7	10.7	2
89.1	88.6	88.9	268.3	271.8	273.2	67.9	67.5	68.0	207.2	210.9	215.7	166.0	162.6	162.7	3
4.3	4.5	4.5	22.5	22.4	23.2	4.5	4.5	4.5	18.2	18.3	18.6	31.7	32.6	32.5	4
3.3	3.2	3.2	15.5	15.4	15.4	5.3	5.4	5.5	11.3	11.2	11.3	19.2	18.7	18.5	5
4.5	4.4	4.5	19.8	20.1	20.2	6.1	6.3	6.2	17.3	17.1	17.1	29.4	29.8	29.7	6
6.7	9.1	8.8	21.4	21.9	22.0	4.0	4.1	4.1	15.3	16.5	16.6	16.1	17.4	17.5	7
31.8	30.4	30.5	105.3	104.8	104.5	32.0	32.2	32.2	101.3	102.4	101.9	90.7	91.1	92.0	8
26.5	25.5	25.5	87.2	86.8	86.6	27.4	27.7	27.7	81.4	80.7	80.4	77.2	77.6	78.3	9
19.9	19.1	19.1	78.7	77.9	78.0	23.1	23.2	23.3	61.0	58.6	58.9	71.5	70.4	71.0	10
5.1	4.8	4.9	19.6	19.1	19.0	8.1	7.7	7.7	14.4	14.2	14.3	16.6	16.1	16.1	11
284.0	275.1	273.1	1,086.4	1,064.7	1,067.5	315.2	314.5	315.6	951.2	959.9	964.6	765.1	776.2	778.0	12
3.1	3.2	3.2	12.1	11.8	11.9	7.6	7.8	7.8	8.3	8.3	8.4	11.3	10.8	11.0	13
2.5	2.5	2.5	19.3	18.7	18.9	2.5	2.5	2.4	11.4	11.6	11.7	31.9	32.3	32.4	14
(*)	206.5	(*)	(*)	801.4	(*)	(*)	249.4	(*)	(*)	734.0	(*)	(*)	486.2	(*)	15
198.7	192.8	191.7	756.2	747.5	749.3	241.8	242.0	242.0	690.0	709.1	711.2	451.1	457.1	456.3	16
6.8	6.8	6.8	40.6	39.6	39.7	7.1	7.2	7.1	24.9	24.5	25.1	25.9	26.1	26.1	17
5.2	5.2	5.2	11.5	11.5	11.4	2.7	2.7	2.7	8.6	8.6	8.6	5.4	5.4	5.3	18
1.4	1.4	1.4	6.8	6.9	6.8	1.1	1.1	1.1	6.4	6.5	6.5	7.1	7.2	7.0	19
7.9	7.9	7.9	34.8	33.9	34.0	7.1	7.0	7.1	25.4	26.0	26.0	17.4	17.7	17.6	20
4.4	4.4	4.4	24.4	24.0	23.7	4.2	4.2	4.3	18.2	18.3	18.5	12.4	12.1	12.3	21
4.7	4.7	4.7	18.5	18.2	18.4	6.6	6.7	6.7	17.4	17.8	17.9	27.9	28.7	28.7	22
104.2	97.9	98.1	466.6	452.7	455.4	100.6	99.0	98.9	339.3	342.1	344.3	358.4	348.9	348.8	23
1.3	1.2	1.2	9.3	8.9	8.8	1.6	1.5	1.6	7.3	7.2	7.3	5.8	5.5	5.5	24
2.1	2.0	2.0	13.0	12.5	12.6	2.1	2.1	2.1	8.9	8.8	8.9	5.2	5.0	5.0	25
7.2	7.0	7.1	30.6	31.1	31.3	4.6	4.6	4.6	25.5	25.1	25.5	13.0	12.6	12.6	26
10.9	10.4	10.3	41.3	40.5	40.7	13.6	10.4	10.5	29.2	28.4	28.6	18.3	17.8	17.8	27
14.6	14.0	13.7	51.0	50.0	50.5	9.2	9.0	9.0	37.4	37.8	38.1	32.1	31.4	31.6	28
31.1	29.8	29.8	131.5	129.6	129.8	38.4	37.9	38.0	96.9	97.6	98.7	89.7	86.9	86.7	29
1.5	1.4	1.4	11.0	11.0	11.1	2.6	2.5	2.5	9.4	9.4	9.5	20.3	19.8	20.0	30
2.0	2.0	2.0	12.3	12.1	12.2	1.5	1.4	1.4	8.1	8.2	8.2	11.6	11.3	11.4	31
4.6	4.4	4.4	25.7	24.5	24.6	5.3	5.2	5.1	23.8	23.6	23.7	12.8	12.8	12.7	32
3.4	3.2	3.2	15.4	13.9	13.7	2.2	1.9	1.9	9.4	9.1	9.3	12.4	12.3	12.2	33
54.2	51.1	51.2	281.4	264.3	266.7	58.9	58.9	59.3	211.6	210.3	212.1	216.4	214.6	214.2	34
3.8	3.7	3.7	19.3	18.1	18.0	4.4	4.2	4.2	15.9	15.9	16.0	9.1	9.2	9.2	35
11.9	10.9	10.9	45.6	44.7	44.6	21.9	22.7	22.8	39.9	39.7	39.6	28.4	27.2	27.1	36
1.6	1.5	1.6	9.1	8.7	8.7	1.3	1.3	1.3	10.4	10.8	10.8	3.9	3.7	3.8	37
3.9	3.7	3.7	13.0	12.9	12.9	2.9	2.7	2.7	12.2	12.5	12.5	6.3	6.4	6.4	38
2.9	2.3	2.3	13.7	13.1	13.2	2.1	2.0	2.0	11.0	10.9	10.9	11.2	11.0	10.9	39
62.7	61.0	61.0	227.5	225.2	225.5	47.9	47.3	47.7	173.2	177.9	178.7	192.7	191.9	192.8	40
1.4	1.4	1.4	5.5	5.6	5.6	.8	.8	.8	4.8	4.2	4.1	11.4	11.4	11.4	41
8.2	7.9	7.9	18.4	18.1	18.1	6.0	5.9	5.9	17.4	18.0	17.7	22.3	22.1	21.9	42
10.3	10.2	10.3	46.9	45.8	45.9	9.5	9.5	9.6	39.8	40.6	40.6	24.6	23.2	23.4	43
66.0	65.7	64.8	255.8	249.1	248.9	52.4	51.5	51.4	215.6	214.6	217.5	238.0	231.6	229.5	44
7.4	7.5	7.5	31.4	31.8	32.6	7.4	7.1	7.2	29.2	29.8	30.9	33.5	33.3	33.5	45
23.6	22.8	23.1	87.0	85.8	86.8	24.2	23.8	23.9	76.2	77.8	77.8	60.2	55.3	55.6	46
2.2	2.3	2.3	6.9	6.2	6.2	1.2	1.3	1.3	6.1	5.5	5.5	4.8	4.7	4.7	47
131.3	131.0	131.5	364.7	371.3	371.4	73.4	75.6	76.2	288.1	295.1	295.9	308.9	313.7	313.5	48
2.4	2.3	2.3	11.5	11.8	11.8	2.9	2.9	2.9	11.0	11.5	11.5	15.9	16.0	16.0	49
10.4	11.0	10.9	44.8	47.4	47.6	11.9	12.4	12.5	35.1	37.2	37.5	49.3	50.1	49.9	50
6.6	7.2	7.4	23.0	24.4	24.9	3.0	3.3	3.3	17.3	17.7	18.3	10.6	10.8	10.7	51
4.6	4.3	4.7	14.9	15.3	15.4	2.9	3.0	3.0	10.6	11.2	11.2	11.4	11.3	11.3	52
2.7	2.5	2.5	13.0	12.5	12.7	3.9	3.8	3.9	8.8	8.6	8.7	10.7	10.9	10.7	53
56.0	55.8	55.6	129.0	128.9	129.3	31.0	31.1	31.0	117.1	117.1	117.1	82.2	81.5	81.4	54
9.3	9.2	9.0	35.5	36.0	35.6	7.4	7.1	7.2	28.8	30.6	30.5	26.2	26.2	26.1	55
18.2	18.0	18.1	86.9	84.1	85.8	16.8	17.2	17.6	77.7	76.5	77.9	82.8	83.9	83.9	56
1.2	1.1	1.2	7.8	7.8	7.9	1.6	1.7	1.7	7.5	7.7	7.7	3.2	3.0	3.0	57
9.5	9.5	9.8	24.2	24.8	25.3	7.4	7.8	8.1	20.0	21.2	21.4	13.2	13.1	12.7	58
85.1	83.6	84.0	403.1	401.0	408.3	92.6	92.8	93.5	376.4	373.2	382.3	434.9	418.1	418.4	59
47.4	45.4	45.3	222.7	221.4	228.9	57.2	57.6	57.8	201.1	199.3	205.6	227.9	219.1	220.5	60
38.3	38.2	38.2	97.6	96.1	97.0	38.3	38.6	38.7	108.2	106.1	109.4	91.7	82.8	82.8	61

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

	State and areas	Total			Mining			Construction			Manufacturing		
		APR. 1981	MAR. 1982	APR. 1982P	APR. 1981	MAR. 1982	APR. 1982P	APR. 1981	MAR. 1982	APR. 1982P	APR. 1981	MAR. 1982	APR. 1982P
1	**MASSACHUSETTS**	2,665.2	2,606.3	2,625.1	(1)	(1)	(1)	76.3	69.6	77.7	667.4	642.5	629.2
2	Boston	1,485.6	1,467.6	1,480.7	(1)	(1)	(1)	41.9	38.6	41.6	294.0	285.6	286.1
3	Brockton	58.4	56.8	57.1	(1)	(1)	(1)	1.4	1.2	1.4	12.8	12.4	12.3
4	Fall River	53.8	52.3	52.7	(1)	(1)	(1)	1.2	.9	1.1	20.1	19.4	19.4
5	Lawrence—Haverhill	116.5	112.6	114.0	(1)	(1)	(1)	2.7	2.3	2.6	46.5	44.3	44.3
6	Lowell	79.0	79.3	80.2	(1)	(1)	(1)	2.6	2.4	2.7	29.0	29.8	29.8
7	New Bedford	64.9	62.1	62.8	(1)	(1)	(1)	1.5	1.2	1.3	26.0	24.9	24.7
8	Springfield—Chicopee—Holyoke	230.7	230.8	232.3	(1)	(1)	(1)	6.0	5.1	5.7	63.6	60.8	60.1
9	Worcester	166.9	163.3	162.7	(1)	(1)	(1)	5.0	4.2	4.8	47.6	45.2	44.7
10	**MICHIGAN**	3,386.4	3,223.8	3,205.3	12.4	10.8	10.0	99.8	77.1	80.5	993.5	907.4	884.1
11	Ann Arbor	139.6	133.6	134.4	(1)	(1)	(1)	2.3	1.6	1.7	38.7	34.6	34.5
12	Battle Creek	61.9	60.9	60.9	(1)	(1)	(1)	1.4	1.2	1.3	19.5	18.6	18.5
13	Bay City	34.1	33.9	34.0	(1)	(1)	(1)	.9	1.0	.9	9.0	8.2	8.2
14	Benton Harbor	58.6	56.9	57.0	(1)	(1)	(1)	1.8	1.4	1.5	20.5	19.7	19.6
15	Detroit	1,637.0	1,557.7	1,543.4	1.1	.6	.9	45.9	35.5	35.7	473.6	432.9	425.4
16	Flint	191.6	175.8	168.8	(1)	(1)	(1)	4.8	3.9	3.9	75.7	62.9	57.3
17	Grand Rapids	269.0	263.2	264.6	(1)	(1)	(1)	10.4	9.1	9.6	89.4	86.1	86.4
18	Jackson	50.8	48.8	48.4	(1)	(1)	(1)	1.1	.8	.9	14.5	13.3	13.2
19	Kalamazoo—Portage	119.2	107.5	107.7	(1)	(1)	(1)	4.2	3.4	3.6	32.4	30.6	30.6
20	Lansing—East Lansing	194.3	188.5	182.6	(1)	(1)	(1)	4.8	2.9	3.1	41.5	38.1	35.0
21	Muskegon—Norton Shores—Musk. Hts	58.7	57.5	57.6	(1)	(1)	(1)	1.9	1.5	1.7	19.7	19.2	19.9
22	Saginaw	85.7	79.4	74.0	(1)	(1)	(1)	2.2	1.9	2.1	31.0	24.6	24.1
23	**MINNESOTA**	1,760.3	1,711.0	1,724.8	15.6	10.7	11.3	64.4	53.4	57.3	360.3	348.5	346.9
24	Duluth—Superior	97.9	95.0	94.4	(1)	(1)	(1)	1.8	1.2	1.3	7.1	6.7	6.3
25	Minneapolis—St. Paul	1,093.2	1,070.3	1,075.6	(1)	(1)	(1)	39.7	31.1	32.2	242.6	236.3	235.8
26	Rochester	53.0	50.1	50.2	(2)	(2)	(2)	1.6	1.4	1.6	10.2	9.9	9.9
27	St. Cloud	95.8	93.3	93.9	(1)	(1)	(1)	2.8	2.2	2.8	12.1	11.3	11.2
28	**MISSISSIPPI**	824.5	809.4	808.6	12.7	12.8	12.9	41.6	40.6	40.7	220.8	211.9	210.1
29	Jackson	147.7	146.6	146.6	2.1	2.2	2.1	6.6	5.6	5.7	18.7	17.9	17.7
30	**MISSOURI**	1,976.4	1,940.6	1,958.9	5.7	7.1	7.4	84.2	80.1	86.8	430.0	416.1	412.1
31	Kansas City	628.9	602.0	600.0	.5	.5	.4	29.4	19.3	20.4	119.7	114.1	109.6
32	St. Joseph	37.1	34.7	35.0	(2)	(2)	(2)	1.9	1.7	1.6	9.0	8.0	8.3
33	St. Louis	993.3	968.5	974.5	1.9	3.4	3.5	43.4	39.4	42.2	233.2	221.0	220.1
34	Springfield	87.7	86.0	86.1	(2)	(2)	(2)	3.1	3.0	3.3	17.8	17.7	17.1
35	**MONTANA**	281.0	288.5	290.7	11.0	11.4	11.2	12.1	13.6	13.8	22.2	20.8	21.6
36	Billings	47.4	49.0	49.5	(1)	(1)	(1)	2.0	2.5	2.5	4.0	4.1	4.4
37	Great Falls	28.6	30.6	31.1	(1)	(1)	(1)	1.2	1.5	1.6	1.4	1.5	1.5
38	**NEBRASKA**	623.8	609.7	611.4	1.7	1.4	1.6	27.2	21.1	23.3	94.9	88.9	86.3
39	Lincoln	96.4	97.6	97.5	(2)	(2)	(2)	3.4	2.5	2.5	13.0	12.3	12.3
40	Omaha	261.6	256.0	257.7	(2)	(2)	(2)	10.5	7.9	8.7	35.6	33.8	33.5
41	**NEVADA**	408.2	412.9	414.4	7.8	7.6	7.6	26.5	22.7	23.0	20.2	20.3	20.3
42	Las Vegas	227.2	230.9	230.6	.5	.6	.6	15.1	13.9	14.0	7.4	7.4	7.4
43	Reno	114.0	115.0	115.8	.9	.7	.7	6.6	5.3	5.4	8.3	8.3	8.2
44	**NEW HAMPSHIRE**	387.3	386.8	389.0	(2)	(2)	(2)	18.9	20.1	22.5	116.5	113.4	112.3
45	Manchester	74.5	74.3	75.0	(2)	(2)	(2)	3.1	2.6	2.8	17.2	16.9	16.9
46	Nashua	67.1	67.3	67.7	(2)	(2)	(2)	2.6	2.4	2.6	31.2	30.4	30.2
47	**NEW JERSEY**	3,072.4	3,037.6	3,046.6	2.2	2.3	2.4	107.8	105.0	110.1	770.1	738.7	733.3
48	Atlantic City	98.3	98.2	100.1	–	–	–	5.6	5.5	5.5	8.4	7.1	7.0
49	Camden	345.0	339.7	340.7	.1	.1	.1	12.8	12.8	12.9	71.4	68.1	67.3
50	Hackensack	397.7	393.4	394.5	(1)	(1)	(1)	14.6	14.0	14.5	109.1	106.7	106.0
51	Jersey City	223.4	222.0	221.5	–	–	–	4.7	5.1	5.5	65.8	64.2	64.3
52	Long Branch—Asbury Park	166.0	165.6	167.0	(1)	(1)	(1)	6.7	6.4	6.6	25.1	24.6	24.3
53	New Brunsw.—Perth Amboy—Sayreville	294.3	288.1	286.3	(1)	(1)	(1)	10.8	10.7	11.3	91.0	87.0	85.7
54	Newark	940.7	932.5	934.7	.8	.8	.9	31.7	29.4	30.7	245.3	235.8	233.7
55	Paterson—Clifton—Passaic	191.2	188.8	185.8	(1)	(1)	(1)	6.5	5.7	5.7	67.0	65.7	65.3
56	Trenton	163.0	159.9	159.5	(1)	(1)	(1)	3.0	3.1	3.4	34.0	31.1	30.7
57	Vineland—Millville—Bridgeton	52.8	51.9	51.4	(1)	(1)	(1)	1.8	1.6	1.6	17.0	16.5	15.8
58	**NEW MEXICO**	475.0	472.7	474.9	30.8	30.6	29.7	32.9	31.9	32.1	33.7	33.1	33.0
59	Albuquerque	189.1	187.4	188.6	(1)	(1)	(1)	12.1	11.3	11.5	17.8	17.0	16.9
60	Las Cruces	30.2	31.3	31.9	–	–	–	1.7	1.8	1.8	2.6	2.7	2.7

See footnotes at end of table.

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
APR. 1981	MAR. 1982	APR. 1982P	APR. 1981	MAR. 1982	APR. 1982P	APR. 1981	MAR. 1982	APR. 1982P	APR. 1981	MAR. 1982	APR. 1982P	APR. 1981	MAR. 1982	APR. 1982P	
119.8	116.9	117.7	570.5	566.6	574.4	161.9	165.2	166.2	669.2	674.2	681.2	404.1	371.3	369.7	1
71.6	69.3	69.3	318.9	319.4	322.3	111.4	115.9	116.0	446.3	452.5	460.4	205.5	186.3	185.0	2
3.6	3.6	3.5	15.2	14.9	15.1	2.1	2.2	2.2	10.6	10.8	10.9	12.7	11.7	11.7	3
1.8	1.8	1.8	11.5	11.4	11.5	2.8	2.9	2.9	9.0	9.1	9.2	7.4	6.8	6.8	4
4.8	4.9	4.9	22.0	22.2	22.6	4.3	4.3	4.4	18.4	18.5	19.0	17.8	16.3	16.2	5
3.3	3.3	3.4	16.4	16.7	16.8	2.1	2.1	2.1	12.8	13.2	13.6	12.8	11.8	11.8	6
2.2	2.3	2.3	12.6	12.2	12.6	2.1	2.0	2.1	10.3	10.4	10.8	10.2	9.1	9.0	7
9.4	9.3	9.2	47.9	47.8	48.5	13.2	13.2	13.3	47.9	48.7	49.8	48.7	45.9	45.7	8
7.2	7.5	7.5	36.2	35.5	34.5	9.6	10.1	10.2	36.5	37.2	37.7	24.8	23.6	23.3	9
145.5	137.9	136.9	709.6	665.2	666.7	154.7	151.2	150.5	646.3	655.9	660.3	627.5	623.3	616.3	10
3.3	3.4	3.4	20.1	19.0	19.0	4.1	3.9	3.8	23.6	24.3	24.4	47.6	48.9	47.9	11
2.2	2.2	2.2	10.6	10.5	10.5	4.3	4.2	4.2	11.6	11.9	12.0	12.3	12.3	12.1	12
1.7	1.7	1.7	8.5	8.7	8.8	1.4	1.4	1.3	6.9	7.5	7.6	5.7	5.4	5.4	13
2.1	2.0	2.0	11.4	11.1	11.1	2.0	1.9	1.9	12.0	12.1	12.2	8.9	8.7	8.7	14
77.7	73.6	73.0	356.0	342.1	340.8	88.6	87.5	87.2	345.9	344.5	343.6	248.0	240.8	236.7	15
6.0	6.0	6.4	40.1	38.4	38.2	6.3	6.4	6.3	29.0	28.7	27.8	29.6	29.5	28.9	16
11.1	11.0	11.0	63.3	63.4	64.4	10.9	10.8	10.8	51.2	51.4	51.5	31.8	31.4	30.9	17
5.0	5.1	5.1	10.3	9.8	9.6	1.6	1.6	1.6	9.6	9.7	9.7	8.8	8.5	8.4	18
4.1	4.3	4.3	22.3	21.7	21.9	4.0	4.0	4.0	22.2	22.4	22.2	21.2	21.2	21.1	19
5.6	5.6	5.6	35.2	35.5	35.0	9.3	9.2	9.2	30.4	31.3	30.2	67.8	65.8	65.5	20
3.1	3.1	3.0	11.5	11.3	11.6	1.4	1.4	1.4	10.3	10.2	10.3	10.8	10.7	10.7	21
4.8	4.9	4.8	17.7	18.3	18.0	4.0	3.9	3.9	14.1	14.6	14.9	12.1	11.2	6.7	22
98.3	94.2	95.2	435.3	424.8	429.4	96.9	97.6	97.5	379.5	381.7	386.4	310.0	302.0	300.7	23
6.1	5.0	5.4	14.8	14.6	14.4	2.3	2.2	2.2	13.6	13.2	13.0	12.1	12.1	12.0	24
62.9	60.7	61.2	266.6	263.6	265.5	72.1	72.7	72.4	246.6	246.1	249.3	162.7	159.7	159.2	25
1.9	1.9	1.9	9.7	10.1	10.0	1.5	1.5	1.5	19.7	20.0	20.2	6.2	5.3	5.2	26
3.5	3.1	3.1	13.4	13.1	13.2	2.0	1.9	1.9	10.2	10.3	10.4	11.9	11.4	11.4	27
40.5	40.3	40.3	162.6	161.3	162.3	32.7	32.9	32.9	121.3	121.8	121.9	192.3	187.8	187.3	28
10.0	10.0	10.0	34.6	34.5	34.6	11.2	11.1	11.1	29.7	30.3	30.4	34.7	34.9	35.0	29
138.4	135.0	134.4	464.8	455.0	462.2	108.5	108.2	108.6	403.0	405.6	413.2	348.8	333.5	334.2	30
52.5	49.5	49.6	160.5	152.6	153.0	44.1	44.0	44.1	132.2	129.9	131.2	96.0	92.1	91.7	31
2.2	2.1	2.2	9.0	8.5	8.5	1.9	1.9	2.0	6.8	6.4	6.3	6.3	6.1	6.1	32
72.6	69.5	69.6	225.5	221.9	222.7	57.7	56.7	57.1	220.8	221.0	222.3	138.9	135.6	135.0	33
7.3	7.1	7.2	24.0	22.8	23.1	3.5	3.5	3.5	19.7	19.8	19.9	12.3	12.1	12.0	34
22.8	22.9	22.9	71.6	76.4	77.0	12.9	12.9	12.6	56.3	57.9	58.3	72.0	73.0	73.4	35
4.4	4.6	4.5	15.6	16.3	16.5	2.5	2.6	2.6	11.1	11.6	11.5	7.8	7.5	7.5	36
1.9	2.1	2.2	9.2	10.2	10.3	2.0	2.2	2.2	7.1	7.5	7.5	5.9	5.7	5.7	37
47.3	43.4	43.4	161.9	158.8	161.2	41.1	41.3	41.3	119.5	120.8	122.1	130.3	134.0	132.2	38
7.5	6.7	6.9	22.4	22.2	22.6	7.0	7.0	7.0	17.3	17.2	17.6	28.8	29.7	28.6	39
24.0	22.9	22.8	67.5	64.7	65.2	23.7	23.9	23.9	60.3	59.3	60.7	42.0	44.1	42.0	40
24.8	25.4	25.6	82.6	85.0	85.3	18.2	18.3	18.3	178.5	175.0	175.9	57.6	58.6	58.4	41
13.7	14.1	14.0	47.9	48.6	48.6	10.4	10.5	10.5	105.4	108.2	108.3	26.8	27.6	27.5	42
8.1	8.2	8.3	24.6	25.9	26.1	6.1	6.0	6.1	43.1	44.0	44.5	16.3	16.6	16.5	43
14.2	14.3	14.3	86.3	86.0	87.3	20.4	20.6	20.7	73.2	75.5	75.2	97.8	96.9	96.7	44
4.7	4.8	4.7	19.4	19.7	19.9	6.2	6.3	6.4	15.3	15.8	16.3	8.6	8.2	8.2	45
2.1	2.2	2.2	13.2	14.0	14.1	1.9	2.0	2.1	10.4	10.7	10.9	5.7	5.6	5.6	46
192.1	192.5	192.0	680.3	675.7	679.8	160.5	161.9	162.2	629.8	634.8	643.3	529.7	526.7	526.5	47
4.0	3.9	4.0	18.6	16.8	17.8	5.0	4.7	4.7	40.5	44.8	44.9	16.3	16.2	16.2	48
15.5	15.2	15.0	89.0	87.3	88.1	17.4	16.8	16.7	71.1	72.9	73.5	67.7	67.3	67.4	49
20.8	20.2	20.2	115.9	113.1	113.1	18.1	18.0	18.3	76.7	79.2	80.1	42.5	42.2	42.3	50
25.7	24.5	24.4	44.8	44.8	44.4	8.5	8.6	8.5	32.5	32.9	32.9	41.7	41.8	41.5	51
6.5	6.7	6.6	40.7	40.1	40.9	7.8	7.9	7.8	42.1	43.2	43.8	37.2	36.7	37.0	52
23.3	23.5	23.6	67.4	66.4	65.6	11.4	11.6	11.5	42.7	44.-	44.8	47.5	44.5	43.8	53
72.8	74.4	74.8	180.4	179.1	178.9	63.9	65.8	65.5	198.8	202.1	204.7	147.0	145.1	145.-	54
6.6	6.3	6.3	40.4	39.3	39.3	9.6	8.9	8.9	34.8	34.8	34.5	26.3	26.1	26.1	55
5.2	5.3	5.2	24.8	23.9	24.0	8.0	8.5	8.5	41.9	42.1	41.9	46.0	45.9	45.8	56
2.9	3.1	3.2	8.9	8.8	8.7	2.4	2.5	2.5	8.6	8.6	8.7	11.1	10.8	10.9	57
28.9	28.4	28.6	103.8	106.6	107.9	21.5	21.9	21.9	95.3	94.8	94.4	128.1	126.6	127.3	58
11.8	11.3	11.4	46.8	47.7	48.2	11.0	10.9	11.0	45.4	46.7	46.6	44.2	42.5	42.8	59
1.2	1.2	1.2	5.4	5.8	5.9	1.2	1.2	1.2	4.3	4.2	4.2	13.8	14.4	14.5	60

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

State and area	Total			Mining			Construction			Manufacturing		
	APR. 1981	MAR. 1982	APR. 1982P	APR. 1981	MAR. 1982	APR. 1982P	APR. 1981	MAR. 1982	APR. 1982P	APR. 1981	MAR. 1982	APR. 1982P
1 NEW YORK	7,259.0	7,229.3	7,248.0	6.1	5.6	6.0	203.5	186.5	199.0	1,432.7	1,394.4	1,387.1
2 Albany—Schenectady—Troy	340.6	334.7	335.7	(1)	(1)	(1)	9.3	7.5	8.0	56.7	52.7	52.8
3 Binghamton	116.6	117.8	117.6	(1)	(1)	(1)	3.3	3.1	3.3	42.4	42.1	42.7
4 Buffalo	498.6	474.0	473.9	(1)	(1)	(1)	14.4	11.3	12.6	132.7	118.5	120.3
5 Elmira	36.7	35.2	34.8	(1)	(1)	(1)	1.0	.7	.8	11.0	10.2	9.6
6 Monroe County [2]	341.7	342.0	342.5	(1)	(1)	(1)	9.0	8.4	8.9	137.2	138.3	138.1
7 Nassau—Suffolk [2]	922.6	911.2	920.2	(1)	(1)	(1)	35.4	31.5	33.3	167.9	166.3	165.7
8 New York—Northeastern New Jersey	6,727.3	(3)	(3)	3.1	(3)	(3)	197.9	(3)	(3)	1,324.7	(3)	(3)
9 New York and Nassau—Suffolk [2]	4,724.6	4,723.8	4,736.6	1.9	1.9	1.9	134.8	129.5	133.8	747.3	731.3	726.2
10 New York SMSA [2]	3,802.0	3,812.6	3,816.3	1.7	1.7	1.7	99.3	98.0	100.6	579.4	565.0	560.5
11 New York City [2]	3,351.2	3,364.4	3,365.9	1.5	1.4	1.4	81.1	79.9	81.4	488.0	475.0	471.0
12 Poughkeepsie	99.3	100.9	101.8	(1)	(1)	(1)	2.7	2.6	2.6	32.0	33.1	33.2
13 Rochester	417.2	416.9	417.8	(1)	(1)	(1)	10.5	9.9	10.6	156.0	157.2	156.7
14 Rockland County [2]	80.9	81.2	81.4	(1)	(1)	(1)	2.5	2.5	2.7	15.3	15.4	15.1
15 Syracuse	259.0	253.0	255.1	(1)	(1)	(1)	8.4	7.8	8.4	59.4	57.1	56.3
16 Utica—Rome	112.7	112.1	112.8	(1)	(1)	(1)	2.3	1.9	2.3	29.2	28.8	28.5
17 Westchester County [2]	357.6	354.7	356.6	(1)	(1)	(1)	15.0	14.9	15.8	74.8	73.4	73.1
18 NORTH CAROLINA	2,395.4	2,343.1	2,352.8	5.0	4.8	4.8	115.4	105.2	106.6	817.4	777.7	780.3
19 Asheville	71.3	69.4	69.8	(1)	(1)	(1)	2.9	2.9	2.9	21.8	20.7	21.6
20 Charlotte—Gastonia	340.5	333.6	322.9	(1)	(1)	(1)	18.1	17.7	17.7	94.4	91.9	91.5
21 Greensboro—Winston-Salem—High Pt	392.5	383.8	385.4	(1)	(1)	(1)	16.9	16.0	16.4	150.1	142.5	142.9
22 Raleigh—Durham	279.0	277.5	278.4	(1)	(1)	(1)	13.7	12.4	12.5	45.3	44.6	44.6
23 NORTH DAKOTA	244.9	245.5	247.6	10.2	11.0	10.3	12.6	10.9	12.3	14.7	14.9	14.7
24 Fargo—Moorhead	61.3	61.6	61.9	(2)	(2)	(2)	2.6	2.3	2.4	4.6	4.6	4.7
25 OHIO	4,326.0	4,192.5	4,220.2	22.7	31.8	32.3	150.6	128.4	138.6	1,243.2	1,147.9	1,136.5
26 Akron	255.7	253.4	255.4	(3)	(3)	(3)	7.0	6.2	6.6	76.6	71.9	72.3
27 Canton	157.2	152.5	154.4	(3)	(3)	(3)	5.0	4.4	4.9	55.1	51.8	51.9
28 Cincinnati	596.9	579.6	585.4	(3)	(3)	(3)	22.4	19.7	20.5	158.0	150.9	150.5
29 Cleveland	880.5	856.0	861.6	(3)	(3)	(3)	26.9	24.2	25.6	247.7	234.3	232.9
30 Columbus	506.9	501.8	504.0	(3)	(3)	(3)	17.5	15.2	16.0	93.4	89.2	88.5
31 Dayton	354.0	345.3	346.4	(3)	(3)	(3)	11.9	9.3	9.9	97.9	91.2	89.8
32 Toledo	292.7	283.4	285.6	(3)	(3)	(3)	10.9	9.7	10.5	75.3	68.7	69.5
33 Youngstown—Warren	198.4	187.9	187.5	(3)	(3)	(3)	5.8	5.1	5.5	69.2	59.7	59.4
34 OKLAHOMA	1,186.5	1,213.8	1,216.9	91.8	104.7	102.9	53.1	53.2	53.9	197.6	192.2	189.8
35 Enid	27.0	26.8	26.5	2.9	3.3	3.0	1.1	1.2	1.3	3.1	2.8	2.7
36 Lawton	29.6	30.0	30.0	(1)	(1)	(1)	1.4	1.4	1.3	3.1	3.0	3.0
37 Oklahoma City	419.6	431.1	434.7	25.4	26.4	25.6	20.1	21.3	21.5	56.2	52.0	51.7
38 Tulsa	318.3	329.1	328.1	25.7	28.5	28.6	15.7	15.8	15.9	67.0	69.0	67.2
39 OREGON	1,021.7	971.3	970.7	2.0	1.8	1.9	36.4	30.0	28.8	201.7	186.3	185.6
40 Eugene—Springfield	100.7	95.7	95.8	(1)	(1)	(1)	3.6	2.9	2.7	18.7	16.2	16.2
41 Jackson County	-	-	-	-	-	-	-	-	-	7.4	5.9	6.2
42 Portland	549.3	526.8	525.5	(1)	(1)	(1)	20.8	19.0	18.7	109.1	101.7	101.1
43 Salem	85.1	82.8	82.5	(1)	(1)	(1)	3.4	2.7	2.6	11.6	10.7	10.7
44 PENNSYLVANIA	4,731.5	4,577.9	4,586.1	28.2	47.0	47.8	178.2	153.3	160.8	1,304.8	1,216.0	1,214.3
45 Allentown—Bethlehem—Easton	264.8	255.3	255.4	(1)	(1)	(1)	8.4	6.8	7.0	104.6	98.8	98.3
46 Altoona	49.8	48.0	48.9	(1)	(1)	(1)	1.9	1.9	1.9	12.5	12.1	12.3
47 Delaware Valley [2]	1,593.8	1,552.9	1,554.1	(1)	(1)	(1)	61.5	52.7	53.8	362.0	342.1	341.0
48 Erie	111.8	106.2	106.5	(1)	(1)	(1)	3.1	2.6	2.7	41.1	39.5	39.3
49 Harrisburg	226.4	223.6	224.6	(1)	(1)	(1)	8.0	6.5	6.8	42.3	40.6	41.2
50 Johnstown	78.3	79.0	79.4	2.9	7.9	7.9	2.6	1.9	2.0	17.3	15.3	15.2
51 Lancaster	155.3	150.4	151.7	(1)	(1)	(1)	6.5	5.5	6.0	59.4	56.5	55.9
52 Northeast Pennsylvania	240.0	232.7	233.2	1.1	1.0	1.1	10.3	9.1	9.5	69.5	66.4	65.5
53 Philadelphia SMSA	1,937.6	1,892.6	1,895.1	(1)	(1)	(1)	74.3	64.7	66.8	433.3	410.1	409.1
54 Philadelphia City [2]	781.9	761.0	758.7	(1)	(1)	(1)	19.8	17.5	17.8	170.0	122.8	122.4
55 Pittsburgh	937.9	894.4	897.1	3.6	9.4	9.5	42.5	38.8	41.2	240.0	209.8	204.7
56 Reading	138.6	136.0	136.1	(1)	(1)	(1)	4.7	4.1	4.3	52.4	51.2	50.7
57 Williamsport	46.7	45.7	45.8	(1)	(1)	(1)	1.2	.9	1.1	16.3	16.0	15.9
58 York	155.3	151.6	152.2	(1)	(1)	(1)	6.5	6.3	6.5	64.1	62.2	61.9
59 RHODE ISLAND	400.0	386.9	387.2	(1)	(1)	(1)	11.4	9.8	11.2	127.2	118.3	116.5
60 Providence—Warwick—Pawtucket	407.1	392.9	392.4	(1)	(1)	(1)	11.6	9.9	11.3	140.3	130.8	128.8
61 SOUTH CAROLINA	1,204.6	1,180.8	1,189.1	(1)	(1)	(1)	71.5	65.2	65.6	388.2	369.9	370.1
62 Charleston—North Charleston	152.1	153.1	152.7	(1)	(1)	(1)	10.3	9.6	9.9	20.8	19.6	19.6
63 Columbia	179.7	180.5	180.2	(1)	(1)	(1)	8.3	8.3	8.3	27.4	26.4	25.9
64 Greenville—Spartanburg	267.2	264.9	265.2	(1)	(1)	(1)	16.1	15.7	15.5	102.3	98.5	98.3

See footnotes at end of table.

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
APR. 1981	MAR. 1982	APR. 1982P	APR. 1981	MAR. 1982	APR. 1982P	APR. 1981	MAR. 1982	APR. 1982P	APR. 1981	MAR. 1982	APR. 1982P	APR. 1981	MAR. 1982	APR. 1982P	
429.9	423.0	424.0	1,447.8	1,438.1	1,446.5	868.7	861.8	864.6	1,773.1	1,803.5	1,811.9	1,318.0	1,316.3	1,313.8	1
15.2	15.2	15.1	67.6	67.6	68.2	15.9	15.8	15.9	73.5	74.4	74.7	102.4	101.4	101.0	2
4.6	4.6	4.6	21.0	20.8	21.0	4.1	4.2	4.1	18.9	19.6	19.5	23.2	22.4	22.2	3
27.0	24.7	25.3	109.2	105.8	106.8	22.3	22.3	22.4	105.8	107.0	106.9	87.2	84.3	83.7	4
1.3	1.3	1.3	8.4	8.6	8.6	1.1	1.2	1.2	7.2	7.1	7.1	6.7	6.2	6.2	5
10.3	10.2	10.2	59.0	59.8	59.5	14.2	14.2	14.3	70.7	71.0	71.4	41.3	40.1	40.1	6
40.2	42.1	41.9	235.1	232.1	235.1	52.3	52.9	53.1	212.7	212.9	217.6	178.9	173.4	173.6	7
469.3	(*)	(*)	1,388.0	(*)	(*)	635.5	(*)	(*)	1,617.9	(*)	(*)	1,090.9	(*)	(*)	8
318.8	315.5	315.4	947.5	939.9	944.0	543.6	555.6	557.7	1,259.1	1,281.5	1,288.4	771.6	768.6	769.1	9
278.6	273.4	273.5	712.4	707.8	709.0	491.3	502.8	504.7	1,046.6	1,068.6	1,071.0	592.7	595.2	595.5	10
254.9	250.1	250.2	609.2	604.5	605.1	468.7	480.1	481.9	934.2	957.4	958.2	513.6	516.0	516.6	11
2.8	2.9	2.9	16.3	16.3	16.4	2.6	2.9	2.9	18.8	19.0	19.6	22.8	24.2	24.2	12
12.7	12.6	12.5	76.4	77.0	77.1	15.7	15.7	15.9	82.8	83.0	83.5	62.9	61.5	61.5	13
3.4	3.4	3.4	17.4	17.5	17.6	2.6	2.7	2.7	18.6	18.1	18.2	21.0	21.6	21.6	14
14.5	14.1	14.1	55.6	54.8	55.5	16.3	16.4	16.4	55.1	53.9	54.7	49.7	48.8	49.1	15
4.0	3.9	3.9	22.0	21.8	22.1	5.5	5.5	5.5	21.1	21.1	21.4	28.6	29.2	29.1	16
19.7	19.3	19.3	82.8	82.8	83.2	19.5	19.4	19.6	90.9	90.4	91.7	54.9	54.3	54.1	17
115.6	115.9	115.1	470.3	462.0	465.6	97.4	98.4	98.6	352.2	355.8	359.7	421.9	423.3	422.1	18
3.6	3.5	3.6	15.5	15.2	15.5	2.3	2.4	2.4	13.2	12.4	12.6	12.0	12.3	12.2	19
31.3	31.1	30.9	82.6	79.4	79.2	21.4	21.5	21.6	54.5	54.4	54.6	38.2	37.6	37.4	20
21.1	21.2	21.0	77.3	76.2	76.4	18.7	18.8	18.9	60.0	61.3	61.9	48.4	47.8	47.9	21
13.2	13.8	13.8	52.7	51.9	52.4	15.8	16.1	16.2	61.9	61.0	61.5	77.3	77.7	77.4	22
17.0	16.9	16.8	65.7	65.3	66.4	11.7	11.8	11.9	51.5	53.3	53.9	61.5	61.4	61.3	23
3.9	3.7	3.7	18.5	18.6	18.9	3.9	3.9	3.9	14.5	14.9	15.1	13.3	13.6	13.6	24
217.0	211.9	213.9	939.7	916.1	926.7	204.0	204.6	205.2	854.3	866.5	882.1	694.4	685.9	681.9	25
13.9	13.7	13.7	57.1	56.1	57.0	9.2	9.1	9.1	51.0	51.8	52.6	44.4	44.0	43.8	26
7.0	7.0	7.0	33.1	32.3	33.1	6.3	6.3	6.4	30.1	30.1	30.6	19.3	19.3	19.3	27
33.2	32.7	32.8	139.4	135.4	137.8	32.4	32.0	32.0	125.0	123.8	127.0	86.1	84.9	84.6	28
44.8	43.4	44.3	198.9	192.9	195.0	47.6	47.6	47.4	192.5	194.2	196.9	120.9	118.2	117.1	29
24.2	23.6	23.8	117.8	116.8	119.5	38.9	40.5	40.6	108.2	109.9	111.4	106.0	103.7	103.4	30
13.1	12.9	13.0	72.5	71.1	72.1	13.4	13.7	13.7	74.3	76.4	76.9	70.5	70.4	69.7	31
19.4	18.6	18.9	65.5	64.3	64.9	10.0	10.5	10.6	63.0	64.7	65.9	47.5	46.3	45.9	32
9.1	8.8	8.9	43.8	42.5	43.4	7.0	7.1	7.1	38.7	38.9	39.6	24.0	25.9	25.7	33
69.2	67.4	67.5	274.0	281.1	284.8	57.9	59.5	59.9	201.4	208.3	211.0	241.3	247.4	247.1	34
2.7	2.7	2.7	7.1	7.1	7.2	1.2	1.2	1.2	4.6	4.7	4.6	3.7	3.8	3.8	35
1.3	1.4	1.4	7.4	7.4	7.4	1.2	1.2	1.3	4.5	4.7	4.7	10.7	10.9	10.9	36
23.8	24.6	24.8	103.3	106.1	107.8	25.8	26.8	26.9	73.5	76.0	78.0	91.5	94.9	94.4	37
23.7	23.6	23.9	71.9	74.1	74.2	15.5	16.0	16.0	63.2	65.9	66.1	35.6	36.2	36.2	38
59.1	56.8	56.7	252.3	240.0	242.3	68.7	64.8	64.8	193.8	187.4	187.5	207.7	204.2	203.1	39
5.0	4.7	4.7	25.3	24.0	24.2	5.5	5.3	5.3	19.6	19.3	19.6	23.0	23.3	23.1	40
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41
35.8	35.9	35.7	141.8	136.2	136.6	45.5	44.8	44.4	112.3	108.8	108.5	84.0	80.4	80.5	42
2.8	2.8	2.8	18.7	18.1	18.0	5.6	5.7	5.7	15.6	15.8	15.9	27.4	27.0	26.8	43
241.1	243.0	243.3	983.7	962.5	967.9	239.8	240.7	240.8	1,007.1	1,012.0	1,018.5	728.6	703.4	705.2	44
13.9	13.7	13.6	52.3	50.7	50.8	9.6	9.6	9.7	45.8	46.2	46.6	30.2	29.5	29.4	45
6.8	5.5	5.9	10.6	10.3	10.5	1.5	1.5	1.5	8.7	8.6	8.7	7.8	8.1	8.1	46
82.3	77.8	78.5	331.4	322.7	324.3	110.5	113.2	113.0	408.3	416.6	415.3	237.8	227.8	228.2	47
4.9	4.7	4.7	21.7	20.7	21.2	4.8	4.8	4.8	22.5	22.6	22.6	13.7	11.3	11.2	48
17.2	16.0	16.1	46.0	44.7	45.0	12.8	12.9	12.8	40.4	41.5	42.2	59.7	61.4	61.5	49
5.3	4.8	4.7	15.7	14.9	15.0	3.9	4.0	4.0	15.7	15.6	15.8	15.2	14.0	14.8	50
6.4	5.8	6.1	33.9	33.1	33.8	5.8	6.1	6.1	27.5	28.0	28.4	16.0	15.4	15.4	51
12.9	12.5	12.4	50.2	47.7	48.9	9.9	10.0	10.1	46.8	47.7	48.1	39.3	38.3	38.5	52
97.2	93.0	93.6	420.5	410.0	412.4	127.9	130.0	129.7	478.5	489.7	488.8	305.9	295.1	295.7	53
51.9	48.8	49.1	144.4	140.6	140.7	66.4	65.9	65.9	222.1	226.2	223.7	147.3	139.2	139.1	54
56.1	52.1	52.1	210.8	204.3	208.5	47.0	46.2	46.2	219.8	218.6	220.1	118.1	115.2	114.8	55
6.3	6.5	6.5	27.9	26.9	27.0	6.4	6.4	6.5	23.6	23.8	24.1	17.3	17.1	17.0	56
2.3	2.3	2.3	9.6	9.5	9.4	2.2	2.2	2.2	8.2	8.3	8.4	6.9	6.5	6.5	57
7.5	7.3	7.3	32.9	32.4	32.6	4.1	3.9	4.0	21.8	21.8	22.1	18.4	17.7	17.8	58
13.1	13.0	13.0	80.6	77.3	78.3	20.9	21.1	21.1	88.0	89.6	90.2	58.8	57.8	56.9	59
13.1	12.8	12.8	80.7	77.2	77.8	20.8	21.0	21.0	84.2	85.9	86.4	56.4	55.3	54.3	60
53.4	54.0	54.3	230.5	231.1	235.0	48.6	50.6	51.0	170.2	170.1	173.2	242.2	239.9	240.0	61
8.9	8.8	8.7	32.4	32.6	33.3	6.5	6.6	6.7	25.2	28.2	27.3	48.0	47.7	47.2	62
9.5	9.5	9.6	37.9	36.7	36.7	14.1	14.6	14.7	27.5	28.3	28.4	55.0	56.7	56.6	63
9.9	9.3	9.3	53.9	55.1	55.4	9.9	10.3	10.4	38.1	39.5	39.7	37.0	36.5	36.6	64

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

	State and areas	Total			Mining			Contract Construction			Manufacturing		
		APR. 1981	MAR. 1982	APR. 1982P	APR. 1981	MAR. 1982	APR. 1982P	APR. 1981	MAR. 1982	APR. 1982P	APR. 1981	MAR. 1982	APR. 1982P
1	SOUTH DAKOTA	235.5	229.5	231.5	2.9	2.8	2.8	9.1	6.8	7.4	25.6	25.5	25.3
2	Sioux Falls	54.0	54.7	55.7	(2)	(2)	(2)	2.3	1.9	2.1	7.4	7.5	7.7
3	TENNESSEE	1,751.5	1,720.0	1,720.8	10.0	10.6	10.7	75.0	62.4	65.2	507.1	487.6	482.2
4	Chattanooga	170.0	167.5	167.3	1.1	1.1	1.2	5.9	5.8	5.8	49.1	47.6	47.5
5	Knoxville	203.6	203.8	205.8	1.6	1.5	1.6	9.7	10.3	10.5	51.7	48.9	48.2
6	Memphis	359.9	350.8	352.6	.2	.2	.2	14.2	13.6	13.8	60.1	55.8	56.8
7	Nashville–Davidson	365.3	351.3	353.1	(1)	(1)	(1)	17.2	15.2	15.7	82.2	79.0	78.3
8	TEXAS	6,086.8	6,298.1	6,307.5	275.4	308.0	304.6	426.3	445.6	442.3	1,099.4	1,098.5	1,099.5
9	Dallas–Fort Worth	1,505.1	1,542.6	1,551.9	29.1	31.9	32.1	82.1	79.4	79.8	331.4	325.5	323.8
10	Houston	1,538.3	1,587.0	1,589.5	99.4	104.5	104.1	149.2	146.5	145.9	258.9	266.4	264.5
11	San Antonio	410.5	412.9	413.3	3.0	3.6	3.6	27.3	26.3	26.2	51.7	51.6	51.2
12	UTAH	550.7	560.3	560.6	17.2	21.0	20.2	26.9	24.0	25.2	87.9	88.6	87.9
13	Salt Lake City–Ogden	385.4	394.1	393.6	8.0	7.9	7.3	17.9	15.9	16.3	60.3	61.3	60.7
14	VERMONT	200.2	200.3	197.2	.7	.5	.5	9.5	7.8	8.6	51.0	49.5	48.7
15	Burlington [3]	59.6	59.6	59.2	–	–	–	–	–	–	15.4	15.8	15.9
16	Springfield [3]	14.4	14.0	13.6	–	–	–	–	–	–	6.2	5.5	5.4
17	VIRGINIA	2,146.2	2,144.8	2,155.0	12.9	23.8	24.1	116.5	102.0	104.8	421.8	398.9	398.2
18	Bristol	26.9	26.5	26.8	(1)	(1)	(1)	1.0	.7	.7	9.1	8.8	8.9
19	Lynchburg	70.6	69.3	69.3	(1)	(1)	(1)	2.7	2.3	2.4	28.5	27.7	27.4
20	Newport News–Hampton	150.8	148.7	151.9	(1)	(1)	(1)	6.8	6.2	6.4	34.6	34.1	34.3
21	Norfolk–Virginia Beach–Portsmouth	286.3	286.9	286.1	(1)	(1)	(1)	16.4	16.0	16.2	29.1	28.5	27.9
22	Northern Virginia [4]	463.9	467.4	469.2	.4	.4	.3	29.0	24.5	25.2	19.6	21.1	21.2
23	Petersburg–Colonial Hgts.–Hopewell	44.9	45.0	45.5	(1)	(1)	(1)	2.0	1.6	1.6	10.7	10.2	10.2
24	Richmond	329.4	327.6	327.5	.3	.3	.3	17.6	17.0	17.0	56.4	55.0	54.6
25	Roanoke	103.0	101.2	101.5	.2	.2	.2	5.1	4.0	4.2	21.3	20.5	20.1
26	WASHINGTON	1,605.6	1,550.7	1,553.3	3.1	3.1	3.0	89.3	74.3	74.0	301.1	290.4	288.4
27	Seattle–Everett	780.2	755.7	(*)	(1)	(1)	(*)	36.7	32.5	(*)	170.0	163.9	(*)
28	Spokane	126.8	121.0	(*)	(1)	(1)	(*)	6.1	4.5	(*)	16.1	15.0	(*)
29	Tacoma	142.4	139.6	139.9	(1)	(1)	(1)	6.6	5.9	6.0	22.8	22.0	22.1
30	WEST VIRGINIA	585.0	609.5	606.6	19.1	65.7	64.2	28.8	20.4	20.8	111.3	102.5	101.1
31	Charleston	106.7	109.0	109.1	2.1	6.8	6.8	6.1	4.0	4.3	16.3	16.4	16.2
32	Huntington–Ashland	100.9	100.6	100.7	.8	1.2	1.2	5.2	3.4	3.5	23.8	23.9	23.9
33	Parkersburg–Marietta	59.4	56.9	56.9	1.2	1.4	1.4	3.5	2.4	2.5	16.7	15.9	15.7
34	Wheeling	60.4	62.4	62.6	1.1	4.7	4.7	2.5	1.8	1.9	11.6	10.9	10.4
35	WISCONSIN	1,900.8	1,857.0	1,856.2	2.1	1.5	1.3	59.4	47.5	49.1	539.7	505.9	497.1
36	Appleton–Oshkosh	124.3	121.5	120.6	(1)	(1)	(1)	4.9	4.0	4.2	45.6	44.4	42.2
37	Eau Claire	48.6	47.9	48.1	(1)	(1)	(1)	1.5	1.3	1.3	9.2	8.7	8.6
38	Green Bay	78.0	76.5	77.0	(1)	(1)	(1)	3.2	2.3	2.6	21.5	20.7	20.7
39	Janesville–Beloit	52.4	47.1	48.0	(1)	(1)	(1)	1.4	1.0	.5	20.5	15.6	16.1
40	Kenosha	42.5	38.8	39.1	(1)	(1)	(1)	1.6	1.4	1.4	16.6	14.0	14.1
41	La Crosse	45.0	44.9	45.0	(1)	(1)	(1)	1.6	1.0	1.1	10.2	10.0	10.3
42	Madison	169.9	167.8	168.4	(1)	(1)	(1)	5.9	4.8	4.8	19.8	19.1	19.3
43	Milwaukee	657.9	640.5	633.9	(1)	(1)	(1)	17.6	14.9	14.8	197.2	182.2	176.1
44	Racine	67.3	63.3	60.0	(1)	(1)	(1)	1.5	1.1	1.4	28.3	25.2	21.8
45	WYOMING	209.9	210.7	213.3	36.5	39.6	39.9	18.9	15.6	16.8	9.5	9.7	9.9
46	Casper	39.6	39.9	40.6	7.5	7.5	7.3	3.3	3.1	3.4	1.9	1.8	1.9
47	Cheyenne	30.6	29.8	29.5	(1)	(1)	(1)	2.0	1.4	1.4	1.5	1.3	1.3
48	PUERTO RICO	(*)	(*)	(*)	.9	.8	.8	35.4	25.7	25.4	(*)	(*)	(*)
49	Caguas	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
50	Mayaguez	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
51	Ponce	(*)	(*)	(*)	(*)	(*)	(*)	2.8	1.5	1.8	(*)	(*)	(*)
52	San Juan	(*)	(*)	(*)	(*)	(*)	(*)	24.5	19.4	18.9	(*)	(*)	(*)
53	VIRGIN ISLANDS	37.9	36.6	35.9	(2)	(2)	(2)	3.6	3.3	2.9	3.2	2.8	2.7

[1] Combined with services.
[2] Combined with construction.
[3] Revised to 1981 benchmark; not strictly comparable with previously published data.
[4] Area included in Chicago–Gary Standard Consolidated Statistical Area.
[5] Subarea Baltimore Standard Metropolitan Statistical Area.
[6] Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.
[7] Subarea of New York–Northeastern New Jersey.
[8] Subarea of Rochester Standard Metropolitan Statistical Area.
[9] Area included in New York and Nassau–Suffolk combined SMSA's.
[10] Subarea of New York Standard Metropolitan Statistical Area.
[11] Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pennsylvania.
[12] Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Philadelphia County.
[13] Total includes data for industry divisions not shown separately.
[14] Subarea of Washington, D.C. Standard Metropolitan Statistical Area: Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park cities; and Arlington, Fairfax, Loudoun, and Prince William Counties, Virginia.
p = preliminary.
*Not available.

SOURCE: Cooperating State agencies listed on inside back cover.

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
APR. 1981	MAR. 1982	APR. 1982P	APR. 1981	MAR. 1982	APR. 1982P	APR. 1981	MAR. 1982	APR. 1982P	APR. 1981	MAR. 1982	APR. 1982P	APR. 1981	MAR. 1982	APR. 1982P	
12.8	12.9	12.9	63.7	62.9	63.5	11.2	11.2	11.3	51.2	49.2	50.0	59.3	58.2	58.3	1
4.6	4.5	4.5	15.7	15.8	16.2	3.4	3.4	3.4	13.7	14.6	14.8	6.9	7.0	7.0	2
83.5	83.2	82.0	371.0	364.4	365.7	78.3	78.0	78.4	401.0	389.7	395.5	322.7	306.1	303.1	3
7.7	7.6	7.6	34.1	34.1	33.9	9.8	9.6	9.8	29.2	29.2	29.1	33.1	32.5	32.4	4
6.3	6.0	7.6	42.9	43.6	45.2	8.6	8.8	8.9	33.3	34.3	35.0	47.3	48.4	48.6	5
27.4	26.6	26.4	96.4	95.6	95.9	20.0	19.9	19.9	74.6	75.2	75.9	67.0	63.9	63.7	6
19.9	19.9	19.8	82.1	75.4	78.7	24.7	23.8	23.8	76.1	76.8	77.5	62.8	61.2	61.3	7
377.8	392.0	392.5	1,479.4	1,563.6	1,565.8	344.8	354.7	356.1	1,074.6	1,119.6	1,131.8	1,009.1	1,016.1	1,018.9	8
98.9	100.1	100.1	394.3	407.7	411.7	112.8	118.4	119.4	276.5	293.6	298.6	186.0	186.0	186.4	9
106.7	109.1	110.1	365.3	380.8	382.5	91.5	96.0	96.9	268.0	311.1	312.2	169.3	172.4	173.3	10
18.5	19.4	19.4	103.3	102.1	102.5	27.3	27.8	27.9	84.6	85.7	86.0	94.8	96.4	96.5	11
33.8	35.5	35.8	127.3	128.2	128.2	26.3	26.7	26.8	104.2	107.4	107.9	127.1	128.8	128.9	12
26.5	27.3	27.5	94.8	95.6	95.4	21.0	21.7	21.8	70.8	72.5	73.2	90.1	91.8	91.3	13
8.4	8.4	8.5	41.4	41.9	42.2	8.2	8.3	8.3	43.6	45.9	43.5	37.4	38.0	36.9	14
2.3	2.3	2.4	12.5	12.4	12.5	–	–	–	12.6	12.6	12.5	–	–	–	15
.6	.6	.7	2.2	2.2	2.1	–	–	–	2.4	2.8	2.4	–	–	–	16
114.6	116.9	116.8	454.7	465.5	465.8	105.9	105.7	105.8	413.5	418.5	422.4	516.4	513.6	513.2	17
1.9	1.1	1.1	6.3	6.7	6.7	.9	.9	.9	3.4	3.6	3.5	5.2	4.9	5.0	18
2.7	2.7	2.7	12.2	12.2	12.1	3.3	3.3	3.3	11.1	11.2	11.2	10.2	10.1	10.1	19
4.9	5.1	5.2	28.3	28.4	28.0	4.7	4.7	4.8	30.7	29.7	31.5	40.8	40.5	40.7	20
19.2	19.9	19.8	69.0	68.9	69.8	14.9	14.9	15.0	57.6	58.9	59.9	80.1	79.8	79.5	21
32.1	31.6	31.8	110.9	113.5	114.0	28.8	28.8	29.0	124.4	126.5	126.9	119.7	121.1	120.7	22
1.3	1.3	1.3	8.6	8.9	9.3	1.2	1.2	1.2	6.8	7.1	7.1	14.4	14.7	14.8	23
19.6	19.7	19.6	76.2	76.4	76.9	20.6	20.0	20.2	68.2	61.1	61.6	72.6	72.1	71.4	24
5.4	9.8	9.8	24.8	24.9	25.2	6.1	6.0	6.0	20.6	20.6	20.8	15.6	15.3	15.3	25
89.1	88.2	85.9	377.5	371.6	375.2	90.8	90.5	91.3	318.5	313.1	315.2	336.2	321.5	320.3	26
51.8	50.1	(*)	185.3	182.6	(*)	57.3	57.6	(*)	156.7	152.7	(*)	122.4	116.3	(*)	27
8.2	7.8	(*)	34.6	33.4	(*)	7.8	7.8	(*)	30.6	30.5	(*)	23.2	22.0	(*)	28
6.4	6.2	6.2	32.8	32.6	32.6	6.9	6.9	6.9	32.7	32.5	32.5	34.2	33.5	33.6	29
40.2	41.1	41.1	131.1	128.4	128.7	21.9	21.9	21.9	100.7	101.2	101.7	132.1	128.3	127.0	30
9.4	9.4	9.4	26.1	26.1	26.2	5.2	5.1	5.1	20.6	21.1	21.1	21.1	20.2	20.1	31
8.8	9.6	9.6	24.4	24.1	24.1	3.8	3.8	3.8	15.5	15.7	15.9	18.8	19.0	18.8	32
2.4	2.4	2.4	12.9	12.8	12.9	2.0	2.0	2.0	10.5	10.3	10.3	10.0	9.8	9.9	33
3.5	3.6	3.6	15.1	14.9	15.2	2.8	2.8	2.8	14.1	14.3	14.3	9.7	9.5	9.6	34
91.9	87.1	87.9	423.5	416.9	423.2	94.7	95.7	98.4	369.9	378.2	380.2	327.7	324.3	325.8	35
4.3	4.5	4.5	25.8	26.7	26.3	5.6	5.7	5.7	21.0	21.6	21.9	17.2	16.7	16.8	36
2.7	2.6	2.6	12.7	12.7	12.7	1.7	1.7	1.7	9.9	9.9	10.1	10.9	11.0	11.1	37
5.6	5.9	5.8	19.7	19.2	19.3	2.5	2.5	2.5	15.2	15.6	15.6	10.4	10.2	10.5	38
2.1	2.3	2.4	11.0	10.7	10.8	1.4	1.4	1.4	8.9	9.1	9.2	7.1	7.0	7.1	39
1.3	1.2	1.2	8.2	7.8	7.9	1.0	1.0	1.0	7.8	7.5	7.7	6.0	5.9	5.8	40
2.9	2.8	2.8	11.8	11.7	11.8	1.2	1.1	1.2	10.8	11.5	11.6	7.2	7.6	7.4	41
6.2	6.2	6.3	35.3	35.8	36.2	13.3	13.5	13.7	32.4	33.7	33.4	57.1	54.6	54.9	42
34.1	33.0	33.0	139.2	137.2	137.2	40.1	40.0	40.0	144.5	148.0	147.4	85.2	84.6	84.6	43
2.3	2.4	2.4	12.9	12.6	12.6	2.3	2.2	2.3	11.4	11.3	11.1	8.5	8.5	8.5	44
17.6	17.6	17.4	45.8	47.7	48.5	7.4	7.5	7.5	38.7	38.1	38.5	43.3	42.9	42.8	45
2.9	2.7	2.7	11.0	10.9	11.2	1.8	1.8	1.8	5.7	5.8	5.9	5.5	6.5	6.4	46
4.6	4.2	3.9	6.9	7.2	7.3	1.6	1.6	1.5	5.0	5.2	5.2	9.8	8.9	8.9	47
17.7	16.6	16.9	112.3	104.9	105.3	27.8	28.2	28.1	83.6	83.6	82.6	258.7	245.2	245.7	48
(*)	(*)	(*)	5.2	4.8	4.8	(*)	(*)	(*)	(*)	(*)	(*)	10.6	9.9	9.9	49
(*)	(*)	(*)	5.7	5.4	5.5	(*)	(*)	(*)	(*)	(*)	(*)	13.5	13.6	13.8	50
(*)	(*)	(*)	7.6	6.8	6.7	(*)	(*)	(*)	7.0	6.6	6.5	18.4	17.4	17.4	51
13.8	13.3	13.5	71.1	66.6	66.7	20.8	21.1	20.9	58.7	59.8	58.8	125.6	120.1	120.3	52
2.1	2.1	2.1	7.8	7.7	7.6	1.7	1.6	1.6	6.3	5.9	5.8	13.7	13.2	13.2	53

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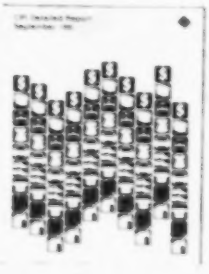

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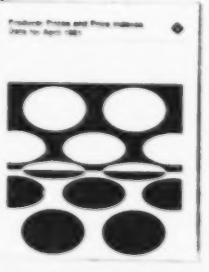

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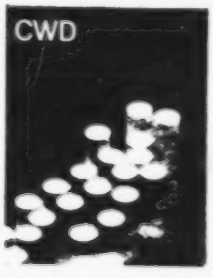

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C-1. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division, 1960 to date

Year and month	Average												
	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Hourly earnings excl overtime
	Total private			Mining			Construction			Manufacturing			
1960	$80.67	38.6	$2.09	$105.04	40.4	$2.60	$112.67	36.7	$3.07	$89.72	39.7	$2.26	$2.19
1961	82.60	38.6	2.14	106.92	40.5	2.64	118.08	36.9	3.20	92.34	39.8	2.32	2.25
1962	85.91	38.7	2.22	110.70	41.0	2.70	122.47	37.0	3.31	96.56	40.4	2.39	2.31
1963	88.46	38.8	2.28	114.40	41.6	2.75	127.19	37.3	3.41	99.23	40.5	2.45	2.37
1964	91.33	38.7	2.36	117.74	41.9	2.81	132.06	37.2	3.55	102.97	40.7	2.53	2.43
1965	95.45	38.8	2.46	123.52	42.3	2.92	138.38	37.4	3.70	107.53	41.2	2.61	2.50
1966	98.82	38.6	2.56	130.24	42.7	3.05	146.26	37.6	3.89	112.19	41.4	2.71	2.59
1967	101.84	38.0	2.68	135.89	42.6	3.19	154.95	37.7	4.11	114.49	40.6	2.82	2.71
1968	107.73	37.8	2.85	142.71	42.6	3.35	164.49	37.3	4.41	122.51	40.7	3.01	2.88
1969	114.61	37.7	3.04	154.80	43.0	3.60	181.54	37.9	4.79	129.51	40.6	3.19	3.05
1970	119.83	37.1	3.23	164.40	42.7	3.85	195.65	37.3	5.24	133.33	39.8	3.35	3.23
1971	127.31	36.9	3.45	172.14	42.4	4.06	211.67	37.2	5.69	142.44	39.9	3.57	3.45
1972	136.90	37.0	3.70	189.14	42.6	4.44	221.19	36.5	6.06	154.71	40.5	3.82	3.68
1973	145.39	36.9	3.94	201.40	42.4	4.75	235.89	36.8	6.41	166.46	40.7	4.09	3.91
1974	154.76	36.5	4.24	219.14	41.9	5.23	249.25	36.6	6.81	176.80	40.0	4.42	4.25
1975	163.53	36.1	4.53	249.31	41.9	5.95	266.08	36.4	7.31	190.79	39.5	4.83	4.67
1976	175.45	36.1	4.86	273.90	42.4	6.46	283.73	36.8	7.71	209.32	40.1	5.22	5.02
1977	189.00	36.0	5.25	301.20	43.4	6.94	295.65	36.5	8.10	228.90	40.3	5.68	5.44
1978	203.70	35.8	5.69	332.88	43.4	7.67	318.69	36.8	8.66	249.27	40.4	6.17	5.91
1979	219.91	35.7	6.16	365.37	43.0	8.49	342.99	37.0	9.27	269.34	40.2	6.70	6.43
1980	235.10	35.3	6.66	397.06	43.3	9.17	367.78	37.0	9.94	288.62	39.7	7.27	7.04
1981	255.20	35.2	7.25	439.19	43.7	10.05	398.52	36.9	10.80	318.00	39.8	7.99	7.72
1981:													
May	252.38	35.2	7.17	424.95	43.9	9.68	391.09	37.0	10.57	317.59	40.1	7.92	7.64
June	254.88	35.4	7.20	420.04	42.3	9.93	395.81	37.2	10.64	320.39	40.2	7.97	7.69
July	257.74	35.6	7.24	435.92	43.6	10.09	407.86	37.8	10.79	317.59	39.6	8.02	7.75
August	259.88	35.6	7.30	447.30	44.2	10.12	408.41	37.4	10.92	320.40	39.9	8.03	7.74
September	259.74	35.1	7.40	450.85	43.9	10.27	396.31	35.8	11.07	322.32	39.5	8.16	7.87
October	261.18	35.2	7.42	456.13	44.5	10.25	419.62	37.6	11.16	323.95	39.7	8.16	7.89
November	262.20	35.1	7.47	461.32	44.4	10.39	414.78	37.1	11.18	325.54	39.7	8.20	7.94
December	262.24	35.2	7.45	466.37	44.8	10.41	417.75	37.1	11.26	329.97	39.9	8.27	8.00
1982:													
January	255.95	33.9	7.55	456.89	42.9	10.65	385.95	33.3	11.59	312.38	37.1	8.42	8.17
February	262.39	34.8	7.54	463.03	43.6	10.62	406.39	35.9	11.32	326.93	39.2	8.34	8.10
March	261.99	34.7	7.55	465.16	43.8	10.62	419.21	37.0	11.33	327.27	39.1	8.37	8.13
April p	261.92	34.6	7.57	454.76	42.7	10.65	411.72	36.5	11.28	325.47	38.7	8.41	8.16
May p	265.59	34.9	7.61	455.18	42.5	10.71	426.75	37.5	11.38	329.55	39.0	8.45	8.21

Year and month	Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			
1960	-	-	-	$66.01	38.6	$1.71	$75.14	37.2	$2.02	-	-	-	
1961	-	-	-	67.41	38.3	1.76	77.12	36.9	2.09	-	-	-	
1962	-	-	-	69.91	38.2	1.83	80.94	37.3	2.17	-	-	-	
1963	-	-	-	72.01	38.1	1.89	84.38	37.5	2.25	-	-	-	
1964	$118.78	41.1	$2.89	74.86	37.9	1.97	85.79	37.3	2.30	$70.93	36.1	$1.96	
1965	125.14	41.3	3.03	76.91	37.7	2.04	88.91	37.2	2.39	73.60	35.9	2.05	
1966	128.13	41.2	3.11	79.39	37.1	2.14	92.13	37.3	2.47	77.04	35.5	2.17	
1967	130.82	40.5	3.23	82.35	36.6	2.25	95.72	37.1	2.58	80.38	35.1	2.29	
1968	138.85	40.6	3.42	87.00	36.1	2.41	101.75	37.0	2.75	83.97	34.7	2.42	
1969	147.74	40.7	3.63	91.39	35.7	2.56	108.70	37.1	2.93	90.57	34.7	2.61	
1970	155.93	40.5	3.85	96.02	35.3	2.72	112.87	36.7	3.07	96.66	34.4	2.81	
1971	168.82	40.1	4.21	101.09	35.1	2.88	117.85	36.6	3.22	103.06	33.9	3.04	
1972	187.86	40.4	4.65	106.45	34.9	3.05	122.98	36.6	3.36	110.85	33.9	3.27	
1973	203.31	40.5	5.02	111.76	34.6	3.23	129.20	36.6	3.53	117.29	33.8	3.47	
1974	217.48	40.2	5.41	119.02	34.2	3.48	137.61	36.5	3.77	126.00	33.6	3.75	
1975	233.44	39.7	5.88	126.45	33.9	3.73	148.19	36.5	4.06	134.67	33.5	4.02	
1976	256.71	39.8	6.45	133.79	33.7	3.97	155.43	36.4	4.27	143.52	33.3	4.31	
1977	278.90	39.9	6.99	142.52	33.3	4.28	165.26	36.4	4.54	153.65	33.0	4.65	
1978	302.80	40.0	7.57	153.64	32.9	4.67	178.00	36.4	4.89	163.67	32.8	4.99	
1979	325.58	39.9	8.16	164.96	32.6	5.06	190.77	36.2	5.27	175.27	32.7	5.36	
1980	351.25	39.6	8.87	176.49	32.2	5.48	209.60	36.2	5.79	190.71	32.6	5.85	
1981	382.18	39.4	9.70	190.95	32.2	5.93	229.05	36.3	6.31	208.97	32.6	6.41	
1981:													
May	376.10	39.3	9.57	188.48	32.0	5.89	225.63	36.1	6.25	206.05	32.5	6.34	
June	381.52	39.7	9.61	190.51	32.4	5.88	225.63	36.1	6.25	206.99	32.7	6.33	
July	383.90	39.7	9.67	193.85	32.8	5.91	227.98	36.3	6.28	209.85	33.1	6.34	
August	389.87	39.5	9.87	194.81	32.8	5.94	232.23	36.4	6.39	210.89	32.9	6.41	
September	390.04	39.2	9.95	194.49	32.2	6.04	230.04	36.0	6.39	211.25	32.4	6.52	
October	388.65	39.1	9.94	192.32	32.0	6.01	232.77	36.2	6.43	213.85	32.5	6.58	
November	393.96	39.2	10.05	192.68	31.9	6.04	236.02	36.2	6.52	216.78	32.5	6.67	
December	395.36	39.3	10.06	194.45	32.3	6.02	234.21	35.2	6.47	217.12	32.6	6.66	
1982:													
January	398.85	38.5	10.10	191.89	31.1	6.17	237.47	36.2	6.56	219.34	32.3	6.79	
February	397.10	39.2	10.13	194.66	31.6	6.16	239.69	36.2	6.62	220.68	32.5	6.79	
March	392.73	39.0	10.07	194.66	31.6	6.16	239.22	36.3	6.59	220.03	32.5	6.77	
April p	394.29	39.0	10.11	195.91	31.7	6.18	240.01	36.2	6.63	221.33	32.5	6.81	
May p	396.47	39.1	10.14	197.48	31.9	6.19	240.91	36.5	6.74	222.30	32.5	6.84	

[1] For coverage of series, see footnote 1, table B-2.

p = preliminary.

NOTE: In accordance with usual practice, BLS has revised establishment survey data to reflect a new benchmark and updated seasonal adjustment factors. Because of these revisions, data beginning in 1980 may differ from data published earlier. See article in this issue for additional information.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Apr. 1981	May 1981	Mar. 1982	Apr. 1982P	May 1982P	Apr. 1981	May 1981	Mar. 1982	Apr. 1982P	May 1982P
	TOTAL PRIVATE	$250.98	$252.38	$248.99	$251.92	$255.59	8.18	8.17	8.15	8.17	8.21
	MINING	423.36	424.95	405.16	404.76	405.10	9.71	9.68	10.02	10.05	10.11
10	METAL MINING	460.22	454.10	493.87	488.72	-	11.28	11.24	12.29	12.26	-
101	Iron ores	485.20	458.62	532.86	527.45	-	12.01	11.82	12.89	13.24	-
102	Copper ores	486.13	477.76	498.92	482.15	-	11.63	11.54	12.30	12.13	-
11, 12	COAL MINING	483.49	486.55	509.23	494.35	-	11.48	11.50	12.33	12.39	-
12	BITUMINOUS COAL AND LIGNITE MINING	493.06	459.69	510.88	494.71	-	11.56	11.55	12.37	12.43	-
13	OIL AND GAS EXTRACTION	429.80	429.40	459.19	449.37	-	9.53	9.50	10.07	10.13	-
131, 2	Crude petroleum, natural gas, and natural gas liquids	447.07	449.11	476.42	490.39	-	10.67	10.77	11.62	11.76	-
138	Oil and gas field services	424.12	424.10	458.55	430.69	-	9.20	9.16	9.65	9.64	-
14	NONMETALLIC MINERALS, EXCEPT FUELS	349.49	353.78	385.79	356.01	-	8.09	8.12	8.73	8.73	-
142	Crushed and broken stone	335.39	339.82	352.70	357.28	-	7.71	7.83	8.26	8.25	-
	CONSTRUCTION	387.39	391.09	419.21	411.72	420.75	10.47	10.57	11.33	11.28	11.38
15	GENERAL BUILDING CONTRACTORS	365.68	367.51	376.32	368.10	-	9.57	9.60	10.31	10.34	-
152	Residential building construction	318.44	319.82	339.27	338.27	-	8.97	9.06	9.53	9.61	-
153	Operative builders	305.26	304.56	309.28	311.09	-	8.41	8.39	8.52	8.52	-
154	Nonresidential building construction	372.95	377.78	411.86	397.85	-	10.19	10.35	11.05	11.36	-
16	HEAVY CONSTRUCTION CONTRACTORS	394.40	401.20	447.29	441.57	-	9.86	9.99	10.99	10.93	-
161	Highway and street construction	361.58	368.95	358.49	376.69	-	8.95	9.13	8.94	9.21	-
162	Heavy construction, except highway	406.76	415.04	479.99	463.45	-	10.22	10.35	11.54	11.50	-
17	SPECIAL TRADE CONTRACTORS	403.96	407.21	428.17	418.18	-	11.19	11.20	11.96	11.88	-
171	Plumbing, heating, air conditioning	421.50	426.50	444.83	439.30	-	11.24	11.29	11.99	11.97	-
172	Painting, paper hanging, decorating	356.44	356.72	375.14	361.88	-	10.39	10.40	10.78	10.90	-
173	Electrical work	475.90	482.60	507.82	498.05	-	12.59	12.70	13.47	13.41	-
174	Masonry, stonework, and plastering	389.08	375.45	388.82	382.57	-	10.73	10.82	11.33	11.42	-
175	Carpentering and flooring	352.00	353.98	357.94	348.74	-	10.26	10.32	10.65	10.60	-
176	Roofing and sheet metal work	334.93	334.65	338.75	325.71	-	9.72	9.67	10.09	10.14	-
	MANUFACTURING	312.84	317.59	327.27	325.47	329.55	7.86	7.92	8.37	8.41	8.45
24, 25, 32-39	DURABLE GOODS	338.92	343.88	352.84	350.06	355.90	8.41	8.47	8.93	8.93	9.01
20-23, 26, 31	NONDURABLE GOODS	275.02	279.74	289.93	290.70	292.61	7.07	7.10	7.57	7.65	7.64
	DURABLE GOODS										
24	LUMBER AND WOOD PRODUCTS	266.66	274.43	273.76	273.43	279.99	6.82	6.92	7.28	7.25	7.36
241	Logging camps and logging contractors	333.65	351.78	368.01	329.20	-	9.05	9.02	9.71	9.71	-
242	Sawmills and planing mills	277.41	284.40	283.50	281.62	-	6.97	7.11	7.56	7.53	-
2421	Sawmills and planing mills, general	291.34	299.55	298.50	296.63	-	7.32	7.47	7.96	7.91	-
2426	Hardwood dimension and flooring	197.01	196.71	200.79	197.78	-	4.95	4.98	5.27	5.26	-
243	Millwork, plywood, and structural members	265.23	269.00	267.06	271.32	-	6.80	6.81	7.14	7.14	-
2431	Millwork	262.96	270.97	276.67	280.24	-	6.83	6.86	7.44	7.26	-
2434	Wood kitchen cabinets	231.36	239.51	245.88	258.72	-	6.27	6.27	6.79	6.73	-
2435	Hardwood veneer and plywood	221.54	225.63	216.78	215.44	-	5.43	5.45	5.66	5.76	-
2436	Softwood veneer and plywood	334.14	327.06	319.19	317.90	-	8.23	8.28	8.46	8.41	-
244	Wood containers	209.06	213.49	213.48	230.74	-	5.43	5.46	5.50	5.56	-
245	Wood buildings and mobile homes	239.23	245.97	238.56	249.26	-	6.43	6.49	6.74	6.71	-
2451	Mobile homes	240.26	243.05	243.39	249.46	-	6.39	6.43	6.65	6.67	-
249	Miscellaneous wood products	234.95	238.50	239.01	243.98	-	6.03	6.06	6.16	6.24	-
25	FURNITURE AND FIXTURES	221.16	224.84	233.50	230.76	231.80	5.79	5.84	6.21	6.22	6.25
251	Household furniture	205.20	207.81	211.07	208.36	-	5.40	5.44	5.72	5.74	-
2511	Wood household furniture	191.73	195.16	198.67	192.39	-	4.98	5.03	5.49	5.33	-
2512	Upholstered household furniture	215.28	215.34	220.79	217.97	-	5.65	5.62	6.15	6.21	-
2514	Metal household furniture	215.26	221.26	237.21	232.83	-	5.65	5.63	5.90	5.97	-
2515	Mattresses and bedsprings	226.04	225.33	229.82	228.05	-	6.06	6.09	6.28	6.30	-
252	Office furniture	245.36	254.00	272.12	258.82	-	6.34	6.35	6.77	6.74	-
253	Public building and related furniture	247.26	256.37	280.65	271.09	-	6.34	6.54	7.17	7.07	-
254	Partitions and fixtures	265.30	268.33	287.60	284.24	-	7.00	7.06	7.47	7.46	-
259	Miscellaneous furniture and fixtures	253.44	256.37	267.72	272.68	-	6.40	6.45	6.90	6.87	-

[1] See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry – Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Apr. 1981	May 1981	Mar. 1982	Apr. 1982P	May 1982P	Apr. 1981	May 1981	Mar. 1982	Apr. 1982P	May 1982P
–	TOTAL PRIVATE	35.2	35.2	34.7	34.6	34.9	–	–	–	–	–
–	MINING	43.6	43.9	43.8	42.7	42.5	–	–	–	–	–
10	METAL MINING	40.8	40.4	39.9	39.7	–	–	–	–	–	–
101	Iron ores	40.4	38.8	41.3	41.2	–	–	–	–	–	–
102	Copper ores	41.8	41.4	40.4	38.1	–	–	–	–	–	–
11, 12	COAL MINING	38.5	39.7	41.3	34.9	–	–	–	–	–	–
12	BITUMINOUS COAL AND LIGNITE MINING	38.5	39.8	41.3	39.8	–	–	–	–	–	–
13	OIL AND GAS EXTRACTION	45.1	45.2	45.6	44.4	–	–	–	–	–	–
131, 2	Crude petroleum, natural gas, and natural gas liquids	41.9	41.7	41.8	41.7	–	–	–	–	–	–
138	Oil and gas field services	46.1	46.4	47.0	45.3	–	–	–	–	–	–
14	NONMETALLIC MINERALS, EXCEPT FUELS	43.2	43.2	41.9	42.3	–	–	–	–	–	–
142	Crushed and broken stone	43.5	43.4	42.7	43.3	–	–	–	–	–	–
–	CONSTRUCTION	37.0	37.0	37.0	36.5	37.5	–	–	–	–	–
15	GENERAL BUILDING CONTRACTORS	36.1	35.9	36.5	35.6	–	–	–	–	–	–
152	Residential building construction	35.5	35.3	35.6	35.2	–	–	–	–	–	–
153	Operative builders	36.3	36.3	36.3	36.3	–	–	–	–	–	–
154	Nonresidential building construction	36.6	36.5	37.2	35.9	–	–	–	–	–	–
16	HEAVY CONSTRUCTION CONTRACTORS	40.3	40.2	40.7	40.8	–	–	–	–	–	–
161	Highway and street construction	40.4	40.4	40.1	40.9	–	–	–	–	–	–
162	Heavy construction, except highway	39.8	40.1	40.9	40.3	–	–	–	–	–	–
17	SPECIAL TRADE CONTRACTORS	36.1	36.1	35.8	35.2	–	–	–	–	–	–
171	Plumbing, heating, air conditioning	37.5	37.6	37.1	36.7	–	–	–	–	–	–
172	Painting, paper hanging, decorating	34.9	34.3	34.0	33.2	–	–	–	–	–	–
173	Electrical work	37.8	38.0	37.7	37.2	–	–	–	–	–	–
174	Masonry, stonework, and plastering	34.4	34.7	33.7	33.5	–	–	–	–	–	–
175	Carpentering and flooring	34.6	34.3	33.6	32.9	–	–	–	–	–	–
176	Roofing and sheet metal work	32.4	31.9	30.6	31.5	–	–	–	–	–	–
–	MANUFACTURING	39.7	40.1	39.1	38.7	39.0	2.6	2.9	2.3	2.1	2.3
24, 25, 32-39	DURABLE GOODS	40.3	40.6	39.6	39.2	39.5	2.7	3.0	2.2	2.0	2.2
20-23, 26-31	NONDURABLE GOODS	38.9	39.4	38.3	38.0	38.3	2.6	2.9	2.4	2.3	2.4
	DURABLE GOODS										
24	LUMBER AND WOOD PRODUCTS	39.1	39.6	37.6	37.3	37.9	2.7	2.9	2.0	2.0	–
241	Logging camps and logging contractors	37.7	39.0	37.3	33.8	–	3.0	3.7	2.3	1.9	–
242	Sawmills and planing mills	39.6	40.0	37.5	37.4	–	3.2	3.3	2.5	2.5	–
2421	Sawmills and planing mills, general	39.8	40.1	37.5	37.5	–	3.4	3.5	2.7	2.7	–
2426	Hardwood dimension and flooring	39.8	39.5	36.1	37.6	–	2.6	2.5	1.6	1.5	–
243	Millwork, plywood, and structural members	39.0	39.5	37.4	38.3	–	2.3	2.4	1.6	1.8	–
2431	Millwork	38.5	39.5	37.8	38.6	–	1.6	1.9	1.1	1.4	–
2434	Wood kitchen cabinets	36.9	38.2	36.2	37.7	–	1.3	1.3	1.2	1.3	–
2435	Hardwood veneer and plywood	40.8	41.4	38.3	37.8	–	3.6	3.9	2.1	2.0	–
2436	Softwood veneer and plywood	40.6	39.5	37.7	37.8	–	3.7	3.4	2.3	2.5	–
244	Wood containers	38.5	39.1	38.8	37.0	–	2.2	2.6	2.0	1.7	–
245	Wood buildings and mobile homes	37.2	37.9	35.5	36.7	–	1.6	1.8	1.1	1.4	–
2451	Mobile homes	37.6	37.8	36.6	37.4	–	1.2	1.3	1.2	1.5	–
249	Miscellaneous wood products	40.3	40.7	38.8	39.1	–	2.7	2.9	2.1	2.2	–
25	FURNITURE AND FIXTURES	38.2	38.5	37.6	37.1	37.1	1.7	1.9	1.4	1.3	–
251	Household furniture	38.0	38.2	36.9	36.3	–	1.6	1.9	1.1	1.1	–
2511	Wood household furniture	38.5	38.8	36.8	36.3	–	1.7	2.0	1.2	1.2	–
2512	Upholstered household furniture	36.8	37.0	35.9	35.1	–	1.1	1.1	.6	.6	–
2514	Metal household furniture	39.5	39.3	39.8	39.0	–	2.9	3.3	4.5	1.9	–
2515	Mattresses and bedsprings	37.3	37.0	35.8	36.2	–	1.4	1.7	.9	1.0	–
252	Office furniture	38.7	40.0	39.9	38.4	–	2.0	2.5	2.1	1.7	–
253	Public building and related furniture	39.0	39.2	39.1	38.8	–	1.9	2.4	2.3	1.6	–
254	Partitions and fixtures	37.9	37.9	38.5	38.0	–	1.5	1.9	1.8	1.7	–
259	Miscellaneous furniture and fixtures	39.6	39.7	38.8	39.4	–	1.5	1.4	1.3	2.0	–

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Apr. 1981	May 1981	Mar. 1982	Apr. 1982P	May 1982P	Apr. 1981	May 1981	Mar. 1982	Apr. 1982P	May 1982P
32	STONE, CLAY, AND GLASS PRODUCTS	$332.51	$337.02	$344.27	$348.80	$354.31	$8.11	$8.20	$8.65	$8.72	$8.77
321	Flat glass	427.84	440.50	493.06	489.05	-	10.59	10.64	11.52	11.48	-
322	Glass and glassware, pressed or blown	357.35	360.39	365.20	370.94	-	8.78	8.79	9.13	9.32	-
3221	Glass containers	385.33	385.54	386.46	394.63	-	9.33	9.29	9.40	9.72	-
3229	Pressed and blown glass, nec	318.40	324.01	337.85	337.46	-	7.98	8.06	8.73	8.72	-
323	Products of purchased glass	289.08	296.40	324.01	319.19	-	7.30	7.41	8.02	7.94	-
324	Cement, hydraulic	476.27	459.41	491.97	500.94	-	11.18	11.26	11.97	12.10	-
325	Structural clay products	265.93	266.34	283.35	285.52	-	6.55	6.56	7.21	7.21	-
326	Pottery and related products	266.06	268.49	276.05	277.29	-	6.77	6.78	7.17	7.24	-
327	Concrete, gypsum, and plaster products	331.55	338.97	333.83	345.51	-	7.97	8.09	8.43	8.51	-
3271	Concrete block and brick	311.75	314.89	301.72	314.36	-	7.25	7.34	7.60	7.63	-
3272	Concrete products, nec	291.33	298.91	313.34	315.70	-	7.02	7.10	7.68	7.70	-
3273	Ready-mixed concrete	357.54	367.69	351.36	370.51	-	8.85	8.99	9.32	9.38	-
329	Misc. nonmetallic mineral products	326.72	334.54	334.96	334.44	-	7.93	8.12	8.48	8.51	-
3291	Abrasive products	314.36	321.36	323.20	316.84	-	7.63	7.80	8.33	8.36	-
3292	Asbestos products	327.98	348.19	328.79	335.53	-	7.98	8.31	8.54	8.67	-
33	PRIMARY METAL INDUSTRIES	443.31	436.81	434.85	435.72	435.41	10.76	10.68	11.15	11.23	11.28
331	Blast furnace and basic steel products	520.36	504.68	502.11	506.88	-	12.55	12.40	13.11	13.20	-
3312	Blast furnaces and steel mills	549.83	520.76	521.81	526.63	-	13.06	12.89	13.66	13.75	-
3317	Steel pipe and tubes	415.66	428.08	401.94	413.11	-	10.04	10.12	10.44	10.73	-
332	Iron and steel foundries	346.21	357.40	354.92	348.56	-	8.90	8.98	9.34	9.37	-
3321	Gray iron foundries	350.74	361.03	358.16	351.13	-	9.11	9.21	9.45	9.49	-
3322	Malleable iron foundries	372.17	373.18	382.50	376.84	-	9.47	9.52	10.31	10.13	-
3325	Steel foundries, nec	335.12	350.66	345.85	339.59	-	8.42	8.47	9.03	9.08	-
333	Primary nonferrous metals	484.22	480.46	512.68	506.00	-	11.64	11.69	12.69	12.65	-
3334	Primary aluminum	511.73	515.42	551.89	542.84	-	12.36	12.48	13.56	13.47	-
335	Nonferrous rolling and drawing	403.54	406.73	404.15	407.03	-	9.54	9.57	9.93	10.05	-
3351	Copper rolling and drawing	357.81	368.93	347.27	350.07	-	8.36	8.54	8.66	8.73	-
3353	Aluminum sheet, plate, and foil	523.15	514.11	538.30	547.04	-	12.11	12.04	12.94	13.15	-
3357	Nonferrous wire drawing and insulating	366.17	371.36	369.95	371.97	-	8.76	8.80	9.18	9.23	-
336	Nonferrous foundries	312.83	323.57	328.60	323.02	-	7.86	7.95	8.34	8.39	-
3361	Aluminum foundries	323.20	332.11	333.72	331.66	-	8.08	8.14	8.47	8.57	-
34	FABRICATED METAL PRODUCTS	323.61	332.11	342.14	338.91	344.27	8.05	8.16	8.64	8.69	8.75
341	Metal cans and shipping containers	459.17	471.73	494.07	494.77	-	10.58	10.77	11.49	11.56	-
3411	Metal cans	476.10	489.92	513.65	517.20	-	10.97	11.16	11.89	12.00	-
342	Cutlery, hand tools, and hardware	302.59	312.82	319.48	316.36	-	7.68	7.84	8.15	8.26	-
3423, 5	Hand and edge tools, and hand saws and blades	295.73	297.60	303.81	297.15	-	7.32	7.44	7.79	7.82	-
3429	Hardware, nec	315.48	328.75	333.13	332.06	-	8.11	8.26	8.52	8.67	-
343	Plumbing and heating, except electric	273.15	280.35	299.14	297.99	-	7.04	7.17	7.69	7.72	-
3432	Plumbing fittings and brass goods	271.55	274.00	304.56	287.93	-	6.84	6.85	7.52	7.44	-
3433	Heating equipment, except electric	261.95	273.56	291.45	301.48	-	6.93	7.18	7.57	7.77	-
344	Fabricated structural metal products	310.04	315.97	334.44	328.49	-	7.79	7.86	8.51	8.51	-
3441	Fabricated structural metal	328.84	335.36	354.08	347.02	-	8.04	8.12	8.83	8.83	-
3442	Metal doors, sash, and trim	247.40	248.96	260.06	253.80	-	6.36	6.40	6.79	6.75	-
3443	Fabricated plate work (boiler shops)	344.61	352.19	377.08	372.09	-	8.53	8.59	9.38	9.42	-
3444	Sheet metal work	308.88	314.82	337.35	331.68	-	7.92	7.97	8.65	8.66	-
3446	Architectural metal work	283.75	290.60	308.11	308.09	-	7.22	7.32	7.86	7.92	-
345	Screw machine products, bolts, etc	304.27	312.53	317.17	311.92	-	7.55	7.66	8.05	8.06	-
3451	Screw machine products	276.50	284.80	296.16	293.53	-	7.00	7.12	7.46	7.45	-
3452	Bolts, nuts, rivets, and washers	330.03	338.21	337.90	329.08	-	8.03	8.13	8.62	8.66	-
346	Metal forgings and stampings	383.52	395.50	390.84	391.84	-	9.40	9.53	9.82	9.92	-
3462	Iron and steel forgings	398.80	412.68	415.52	413.11	-	9.97	10.09	10.60	10.73	-
3465	Automotive stampings	482.94	496.50	471.83	481.48	-	11.39	11.44	11.65	11.63	-
3469	Metal stampings, nec	279.58	287.68	303.00	295.66	-	7.06	7.21	7.71	7.76	-
347	Metal services, nec	258.73	264.31	267.63	263.50	-	6.42	6.51	6.88	6.88	-
3471	Plating and polishing	250.96	254.63	266.47	260.91	-	6.37	6.43	6.85	6.83	-
3479	Metal coating and allied services	275.87	286.33	270.74	269.12	-	6.53	6.69	6.96	6.99	-
348	Ordnance and accessories, nec	331.29	334.15	359.92	360.45	-	8.10	8.15	8.80	8.90	-
3483	Ammunition, exc. for small arms, nec	290.27	295.07	318.79	323.60	-	7.33	7.47	7.93	8.09	-
349	Misc. fabricated metal products	298.45	308.21	317.88	312.15	-	7.48	7.61	8.13	8.15	-
3494	Valves and pipe fittings	323.97	334.12	340.89	336.78	-	7.96	8.09	8.63	8.68	-
3496	Misc. fabricated wire products	262.94	268.80	272.58	268.05	-	6.59	6.67	7.08	7.11	-
35	MACHINERY, EXCEPT ELECTRICAL	352.92	359.68	370.87	365.76	368.68	8.65	8.73	9.18	9.19	9.24
351	Engines and turbines	424.51	436.56	444.83	431.23	-	10.56	10.70	11.29	11.23	-
3511	Turbines and turbine generator sets	383.04	383.66	428.98	413.82	-	9.60	9.52	10.58	10.45	-
3519	Internal combustion engines, nec	441.69	457.56	451.24	439.64	-	10.96	11.16	11.63	11.60	-
352	Farm and garden machinery	393.26	395.52	379.49	370.00	-	9.71	9.79	9.44	9.32	-
3523	Farm machinery and equipment	411.68	413.31	396.19	390.25	-	10.14	10.18	9.88	9.83	-
353	Construction and related machinery	393.82	397.94	416.94	415.95	-	9.44	9.52	10.12	10.17	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Apr. 1981	May 1981	Mar. 1982	Apr. 1982P	May 1982P	Apr. 1981	May 1981	Mar. 1982	Apr. 1982P	May 1982P
32	**STONE, CLAY, AND GLASS PRODUCTS**	41.0	41.1	39.8	40.0	40.4	3.8	3.9	3.4	3.5	-
321	Flat glass	40.4	41.4	42.8	42.6	-	3.3	3.7	4.3	3.8	-
322	Glass and glassware, pressed or blown	40.7	41.0	40.0	39.8	-	3.8	3.9	4.0	4.0	-
3221	Glass containers	41.3	41.5	40.9	40.6	-	4.3	4.3	4.9	4.9	-
3229	Pressed and blown glass, nec	39.9	40.2	38.7	38.7	-	3.2	3.4	2.8	2.7	-
323	Products of purchased glass	39.6	40.0	40.4	40.2	-	2.8	3.1	2.9	2.5	-
324	Cement, hydraulic	42.6	40.8	41.1	41.4	-	3.5	3.2	2.2	2.8	-
325	Structural clay products	40.6	40.6	39.3	39.6	-	3.0	3.0	2.3	2.4	-
326	Pottery and related products	39.3	39.6	38.5	38.3	-	2.1	2.0	1.9	1.8	-
327	Concrete, gypsum, and plaster products	41.6	41.9	39.6	40.6	-	5.1	5.3	4.5	4.8	-
3271	Concrete block and brick	43.0	42.9	39.7	41.2	-	5.5	5.2	4.0	4.1	-
3272	Concrete products, nec	41.5	42.1	40.8	41.0	-	4.3	4.6	4.4	4.5	-
3273	Ready-mixed concrete	40.4	40.9	37.7	39.5	-	5.0	5.4	4.5	4.9	-
329	Misc. nonmetallic mineral products	41.2	41.2	39.5	39.3	-	3.3	3.4	2.3	2.4	-
3291	Abrasive products	41.2	41.2	38.8	37.9	-	2.8	3.0	1.6	1.5	-
3292	Asbestos products	41.1	41.9	38.5	38.7	-	2.7	3.1	1.7	1.9	-
33	**PRIMARY METAL INDUSTRIES**	41.2	40.9	39.0	38.8	38.6	3.2	3.2	2.0	1.9	-
331	Blast furnace and basic steel products	42.1	40.7	38.3	38.4	-	3.2	2.9	1.4	1.4	-
3312	Blast furnaces and steel mills	42.1	40.4	38.2	38.3	-	3.2	2.7	1.4	1.3	-
3317	Steel pipe and tubes	41.4	42.3	38.5	38.5	-	3.8	4.6	1.6	2.1	-
332	Iron and steel foundries	38.9	39.8	38.0	37.2	-	2.5	3.0	2.0	1.8	-
3321	Gray iron foundries	38.5	39.2	37.9	37.0	-	2.6	3.1	2.0	1.9	-
3322	Malleable iron foundries	39.3	39.2	37.1	37.2	-	2.4	2.4	1.9	1.8	-
3325	Steel foundries, nec	39.8	41.4	38.3	37.4	-	2.3	3.0	2.1	1.6	-
333	Primary nonferrous metals	41.6	41.1	40.4	40.0	-	3.5	3.2	2.5	2.7	-
3334	Primary aluminum	41.4	41.3	40.7	40.3	-	3.6	3.5	3.1	3.8	-
335	Nonferrous rolling and drawing	42.3	42.5	40.7	40.5	-	4.5	4.8	2.9	3.0	-
3351	Copper rolling and drawing	42.8	43.2	40.1	40.1	-	4.7	5.5	2.4	2.6	-
3353	Aluminum sheet, plate and foil	43.2	42.7	41.6	41.6	-	5.9	5.9	3.9	4.3	-
3357	Nonferrous wire drawing and insulating	41.8	42.2	40.3	40.3	-	4.4	4.8	2.8	2.8	-
336	Nonferrous foundries	39.8	40.7	39.4	38.5	-	2.3	2.6	2.1	1.7	-
3361	Aluminum foundries	40.0	40.8	39.4	38.7	-	2.7	2.8	2.2	1.9	-
34	**FABRICATED METAL PRODUCTS**	40.2	40.7	39.6	39.0	39.3	2.5	2.9	2.1	1.9	-
341	Metal cans and shipping containers	43.4	43.8	43.0	42.8	-	4.2	4.5	4.0	3.9	-
3411	Metal cans	43.4	43.9	43.2	43.1	-	4.0	4.3	4.0	3.9	-
342	Cutlery, hand tools, and hardware	39.4	39.9	39.2	38.3	-	2.0	2.6	1.4	1.1	-
3423, 5	Hand and edge tools, and hand saws and blades	40.4	40.0	39.0	38.0	-	2.4	2.5	1.4	1.1	-
3429	Hardware, nec	38.9	39.8	39.1	38.3	-	1.9	2.8	1.3	1.0	-
343	Plumbing and heating, except electric	38.8	39.1	38.9	38.6	-	1.3	1.7	1.6	1.1	-
3432	Plumbing fittings and brass goods	39.7	40.0	40.5	38.7	-	1.7	2.2	2.4	1.1	-
3433	Heating equipment, except electric	37.8	38.1	38.5	38.8	-	.9	1.1	1.1	1.0	-
344	Fabricated structural metal products	39.8	40.2	39.3	38.6	-	2.3	2.5	2.1	1.7	-
3441	Fabricated structural metal	40.9	41.3	40.1	39.3	-	2.8	2.9	2.7	2.1	-
3442	Metal doors, sash, and trim	38.9	38.9	38.3	37.6	-	1.8	2.1	1.7	1.3	-
3443	Fabricated plate work (boiler shops)	40.4	41.0	40.2	39.5	-	2.5	2.9	2.6	2.0	-
3444	Sheet metal work	39.0	39.5	39.0	38.3	-	2.1	2.3	2.0	1.7	-
3446	Architectural metal work	39.3	39.7	39.2	38.9	-	1.5	1.8	1.5	1.6	-
345	Screw machine products, bolts, etc.	40.3	40.8	39.4	38.7	-	2.5	3.1	2.0	1.7	-
3451	Screw machine products	39.5	40.0	39.7	39.4	-	2.4	2.8	2.4	1.9	-
3452	Bolts, nuts, rivets, and washers	41.1	41.6	39.2	38.0	-	2.6	3.3	1.6	1.4	-
346	Metal forgings and stampings	40.8	41.5	39.8	39.5	-	3.3	3.9	2.3	2.3	-
3462	Iron and steel forgings	40.0	40.9	39.2	38.5	-	2.9	3.3	2.0	1.8	-
3465	Automotive stampings	42.4	43.4	40.5	41.4	-	4.6	5.4	2.7	3.3	-
3469	Metal stampings, nec	39.6	39.9	39.3	38.1	-	2.1	2.6	1.9	1.6	-
347	Metal services, nec	40.3	40.6	38.9	38.3	-	2.4	2.8	2.4	2.1	-
3471	Plating and polishing	39.4	39.6	38.9	38.2	-	2.5	2.7	2.5	2.0	-
3479	Metal coating and allied services	42.4	42.8	38.9	38.5	-	2.2	2.9	2.2	2.2	-
348	Ordnance and accessories, nec	40.9	41.0	40.9	40.5	-	2.7	2.7	2.5	2.5	-
3483	Ammunition, exc. for small arms, nec	39.6	39.5	40.2	40.0	-	1.9	1.7	1.7	1.6	-
349	Misc. fabricated metal products	39.9	40.5	39.1	38.3	-	2.3	2.8	1.8	1.5	-
3494	Valves and pipe fittings	40.7	41.3	39.5	38.8	-	2.9	3.5	1.9	1.8	-
3496	Misc. fabricated wire products	39.9	40.3	38.5	37.7	-	2.1	2.5	1.6	1.4	-
35	**MACHINERY, EXCEPT ELECTRICAL**	40.8	41.2	40.4	39.8	39.9	3.0	3.3	2.5	2.1	-
351	Engines and turbines	40.2	40.8	39.4	38.4	-	2.8	3.4	1.9	1.1	-
3511	Turbines and turbine generator sets	39.9	40.3	40.7	39.6	-	2.9	3.1	3.4	2.5	-
3519	Internal combustion engines, nec	40.3	41.0	38.8	37.9	-	2.7	3.5	1.2	.4	-
352	Farm and garden machinery	40.5	40.4	40.2	39.7	-	3.3	3.4	1.8	1.5	-
3523	Farm machinery and equipment	40.6	40.6	40.1	39.7	-	3.6	3.7	1.6	1.6	-
353	Construction and related machinery	41.4	41.8	41.2	40.9	-	3.1	3.5	3.0	2.1	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Apr. 1981	May 1981	Mar. 1982	Apr. 1982P	May 1982P	Apr. 1981	May 1981	Mar. 1982	Apr. 1982P	May 1982P
	MACHINERY, EXCEPT ELECTRICAL—Continued										
3531	Construction machinery	$427.73	$439.81	$440.18	$471.42	-	$10.64	$10.86	$11.36	$11.84	-
3532	Mining machinery	384.98	382.96	409.60	421.37	-	9.24	9.55	10.24	10.11	-
3533	Oil field machinery	405.86	410.87	438.51	415.59	-	8.92	9.03	9.81	9.71	-
3535	Conveyors and conveying equipment	316.42	324.92	337.85	336.34	-	8.24	8.31	8.51	8.54	-
3537	Industrial trucks and tractors	305.52	311.42	329.67	321.15	-	8.04	8.11	8.63	8.61	-
354	Metalworking machinery	363.96	371.65	382.74	378.65	-	8.77	8.87	9.45	9.49	-
3541	Machine tools, metal cutting types	372.54	380.70	387.47	382.75	-	8.87	9.00	9.76	9.74	-
3542	Machine tools, metal forming types	369.08	366.51	380.95	376.62	-	9.07	9.14	9.87	9.99	-
3544	Special dies, tools, jigs, and fixtures	395.44	400.35	414.34	409.15	-	9.15	9.42	9.96	9.88	-
3545	Machine tool accessories	332.01	336.54	337.59	335.92	-	8.01	8.09	8.59	8.68	-
3546	Power driven hand tools	271.81	283.35	318.89	329.26	-	7.06	7.21	7.74	7.79	-
355	Special industry machinery	324.80	333.76	352.55	348.39	-	8.00	8.12	8.77	8.82	-
3551	Food products machinery	338.75	349.25	360.48	361.15	-	8.44	8.56	9.08	9.12	-
3552	Textile machinery	262.35	265.58	267.65	264.98	-	6.51	6.59	6.97	7.01	-
3555	Printing trades machinery	343.53	353.98	389.05	384.98	-	8.22	8.29	9.09	9.24	-
356	General industrial machinery	343.80	355.47	363.77	354.38	-	8.51	8.67	9.14	9.11	-
3561	Pumps and pumping equipment	339.77	354.24	374.12	357.76	-	8.58	8.79	9.40	9.19	-
3562	Ball and roller bearings	354.41	365.00	354.22	352.93	-	8.54	8.61	8.90	8.84	-
3563	Air and gas compressors	381.07	380.67	400.72	381.40	-	9.03	9.09	9.87	9.83	-
3564	Blowers and fans	311.15	317.16	341.38	337.68	-	7.74	7.89	8.45	8.40	-
3566	Speed changers, drives, and gears	383.35	410.01	382.59	351.24	-	9.35	9.67	9.76	8.91	-
3568	Power transmission equipment, nec	336.20	343.21	351.43	334.14	-	8.22	8.29	8.83	8.77	-
357	Office and computing machines	299.85	303.32	322.18	319.46	-	7.35	7.38	7.82	7.83	-
3573	Electronic computing equipment	298.96	300.94	322.82	319.76	-	7.31	7.34	7.76	7.78	-
358	Refrigeration and service machinery	312.83	316.36	332.69	337.39	-	7.86	7.85	8.38	8.52	-
3585	Refrigeration and heating equipment	319.19	320.01	342.16	349.05	-	8.04	8.01	8.59	8.77	-
359	Misc. machinery, except electrical	339.01	345.63	352.80	350.27	-	8.35	8.43	8.82	8.84	-
3592	Carburetors, pistons, rings, valves	391.72	410.85	400.67	415.24	-	9.72	9.90	10.30	10.38	-
3599	Machinery, except electrical, nec	333.89	335.79	346.12	340.73	-	8.33	8.39	8.61	8.57	-
36	ELECTRIC AND ELECTRONIC EQUIPMENT	297.31	301.15	316.40	313.12	$317.54	7.47	7.51	8.01	8.03	$8.09
361	Electric distributing equipment	292.97	295.09	307.33	298.32	-	7.38	7.44	7.84	7.83	-
3612	Transformers	292.41	296.53	298.45	292.97	-	7.42	7.45	7.70	7.73	-
3613	Switchgear and switchboard apparatus	294.39	300.96	323.62	323.34	-	7.51	7.60	7.95	7.92	-
362	Electrical industrial apparatus	314.20	318.61	317.61	312.91	-	7.72	7.79	8.17	8.17	-
3621	Motors and generators	316.52	318.24	321.95	315.81	-	7.72	7.80	8.16	8.14	-
3622	Industrial controls	293.25	301.60	298.32	292.83	-	7.50	7.58	7.86	7.82	-
363	Household appliances	288.58	294.84	330.93	302.35	-	7.54	7.56	7.94	8.02	-
3632	Household refrigerators and freezers	358.03	335.40	364.17	362.31	-	8.69	8.67	9.29	9.29	-
3633	Household laundry equipment	340.98	343.77	358.15	354.28	-	8.88	8.88	9.50	9.53	-
3634	Electric housewares and fans	229.51	231.46	225.83	229.54	-	5.90	5.95	6.25	6.22	-
364	Electric lighting and wiring equipment	279.62	280.40	293.61	294.49	-	6.97	7.01	7.49	7.59	-
3641	Electric lamps	306.92	312.85	337.62	324.52	-	7.77	7.72	8.44	8.43	-
3643	Current carrying wiring devices	262.66	267.55	275.97	279.89	-	6.55	6.59	7.04	7.14	-
3644	Noncurrent carrying wiring devices	294.03	295.28	289.54	293.33	-	7.46	7.45	7.54	7.76	-
3645	Residential lighting fixtures	205.88	216.01	229.58	231.57	-	5.43	5.64	6.01	6.11	-
365	Radio and TV receiving equipment	271.49	276.98	297.55	299.52	-	7.07	7.03	7.61	7.69	-
3651	Radio and TV receiving sets	281.56	286.69	302.63	321.84	-	7.39	7.37	7.82	7.84	-
366	Communication equipment	342.00	344.61	360.66	371.33	-	8.50	8.58	8.33	9.33	-
3662	Radio and TV communication equipment	358.50	357.35	383.51	375.09	-	8.75	8.78	9.54	9.52	-
367	Electronic components and accessories	331.10	325.64	379.86	373.12	-	8.34	8.37	9.22	9.23	-
3671,3	Electronic tubes	257.51	260.80	276.41	274.01	-	6.47	6.52	6.98	6.99	-
3674	Semiconductors and related devices	337.35	332.52	357.54	356.25	-	8.09	8.15	8.85	8.84	-
3679	Electronic components, nec	292.47	297.27	315.22	337.31	-	7.28	7.34	7.92	7.90	-
369	Misc. electrical equipment and supplies	240.19	243.18	261.35	262.43	-	6.05	6.11	6.55	6.56	-
3691	Storage batteries	340.45	344.25	342.07	344.92	-	8.49	8.50	8.66	8.71	-
3694	Engine electrical equipment	328.20	335.64	339.07	342.65	-	8.38	8.37	8.83	8.90	-
37	TRANSPORTATION EQUIPMENT	389.77	388.80	384.80	371.32	-	9.72	9.72	9.43	9.57	-
371	Motor vehicles and equipment	419.02	429.73	439.96	443.64	$435.33	10.22	10.33	10.89	10.88	11.22
3711	Motor vehicles and car bodies	451.00	464.62	455.60	464.39	-	10.92	11.01	11.42	11.41	-
3713	Truck and bus bodies	502.94	521.79	515.11	527.20	-	12.09	12.22	12.91	12.89	-
3714	Motor vehicle parts and accessories	341.88	345.60	357.38	362.20	-	8.59	8.64	8.89	9.01	-
3715	Truck trailers	426.90	440.11	427.87	437.12	-	10.31	10.38	10.67	10.74	-
372	Aircraft and parts	274.16	278.60	294.86	302.95	-	7.45	7.38	7.78	7.91	-
3721	Aircraft	412.41	421.04	455.20	469.76	-	10.01	10.16	10.97	10.95	-
3724	Aircraft engines and engine parts	430.76	427.60	426.51	404.94	-	10.43	10.57	11.51	11.48	-
3728	Aircraft equipment, nec	405.41	414.10	449.49	444.69	-	10.11	10.25	10.93	10.98	-
373	Ship and boat building and repairing	384.93	396.76	422.46	414.53	-	9.10	9.27	9.94	9.96	-
3731	Ship building and repairing	356.81	359.86	379.60	380.25	-	8.81	8.82	9.49	9.53	-
3732	Boat building and repairing	372.60	373.01	397.22	398.53	-	9.20	9.21	9.93	9.97	-
374	Railroad equipment	294.01	307.75	310.09	303.61	-	7.21	7.38	7.78	7.79	-
		411.09	423.44	411.28	424.85	-	10.65	10.72	11.29	11.39	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry – Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Apr. 1981	May 1981	Mar. 1982	Apr. 1982P	May 1982P	Apr. 1981	May 1981	Mar. 1982	Apr. 1982P	May 1982P
	MACHINERY, EXCEPT ELECTRICAL — Continued										
3531	Construction machinery	40.2	40.6	39.1	40.5	-	1.9	2.0	1.3	1.8	-
3532	Mining machinery	39.5	40.1	40.0	39.7	-	1.6	2.1	2.0	1.7	-
3533	Oil field machinery	45.5	45.5	44.7	42.6	-	5.9	6.4	5.3	5.5	-
3535	Conveyors and conveying equipment	38.4	39.1	39.7	39.5	-	2.3	2.4	1.9	1.6	-
3537	Industrial trucks and tractors	38.0	38.4	38.2	37.3	-	1.6	2.1	1.7	.9	-
354	Metalworking machinery	41.5	41.9	40.5	39.9	-	3.9	4.3	3.1	2.8	-
3541	Machine tools, metal cutting types	42.9	42.3	39.7	39.3	-	4.0	4.8	2.6	2.3	-
3542	Machine tools, metal forming types	39.7	40.1	38.6	37.7	-	2.6	3.0	1.9	1.4	-
3544	Special dies, tools, jigs, and fixtures	42.6	42.5	41.0	41.3	-	4.8	5.2	4.4	4.2	-
3545	Machine tool accessories	41.2	41.6	39.3	39.7	-	3.3	3.6	1.9	1.6	-
3546	Power driven hand tools	38.5	39.3	41.2	39.7	-	1.4	1.9	1.8	1.6	-
355	Special industry machinery	40.6	41.1	40.2	39.5	-	2.5	2.8	2.4	2.1	-
3551	Food products machinery	39.9	40.8	39.7	39.6	-	2.0	2.1	2.4	2.0	-
3552	Textile machinery	40.3	40.3	38.4	37.9	-	1.7	2.1	1.4	.8	-
3555	Printing trades machinery	42.4	42.7	40.6	39.5	-	3.5	3.8	2.8	2.4	-
356	General industrial machinery	40.4	41.0	39.8	38.9	-	2.7	3.2	2.1	1.7	-
3561	Pumps and pumping equipment	39.6	40.3	39.8	38.1	-	2.4	3.1	2.3	1.4	-
3562	Ball and roller bearings	41.5	42.4	39.8	39.7	-	3.4	3.9	2.1	1.9	-
3563	Air and gas compressors	42.2	41.9	40.6	38.9	-	3.6	3.3	2.7	2.1	-
3564	Blowers and fans	40.2	40.2	40.4	40.2	-	2.5	2.9	2.4	2.3	-
3566	Speed changers, drives, and gears	41.0	42.4	39.2	37.6	-	2.5	4.3	1.5	1.0	-
3568	Power transmission equipment, nec	40.9	41.4	39.8	38.1	-	2.9	3.5	1.7	1.1	-
357	Office and computing machines	40.6	41.1	41.2	40.8	-	2.3	2.9	2.6	1.8	-
3573	Electronic computing equipment	40.9	41.0	41.6	41.1	-	2.5	2.5	2.9	2.0	-
358	Refrigeration and service machinery	39.8	40.3	39.7	39.6	-	2.3	2.5	1.8	1.6	-
3585	Refrigeration and heating equipment	39.7	40.7	39.6	39.8	-	2.3	2.4	1.5	1.7	-
359	Misc. machinery, except electrical	40.6	41.0	40.0	39.4	-	3.3	3.7	2.9	2.6	-
3592	Carburetors, pistons, rings, valves	40.3	41.5	38.9	40.1	-	1.8	2.9	1.3	2.3	-
3599	Machinery, except electrical, nec	40.7	41.0	40.2	39.3	-	3.6	3.9	3.1	2.7	-
36	ELECTRIC AND ELECTRONIC EQUIPMENT	39.5	40.1	39.5	39.3	39.3	2.0	2.3	1.8	1.5	-
361	Electric distributing equipment	39.7	40.2	39.2	38.1	-	2.2	2.7	1.8	1.4	-
3612	Transformers	40.5	40.9	38.5	37.9	-	2.3	2.7	2.0	1.5	-
3613	Switchgear and switchboard apparatus	39.2	39.6	39.7	38.1	-	2.1	2.7	1.6	1.3	-
362	Electrical industrial apparatus	40.7	40.9	39.9	39.3	-	2.5	2.8	1.6	1.3	-
3621	Motors and generators	41.0	40.8	39.7	39.8	-	2.6	2.8	1.7	1.5	-
3622	Industrial controls	39.1	39.5	37.7	37.1	-	1.8	2.0	1.2	.8	-
363	Household appliances	39.6	39.0	37.9	37.7	-	1.7	1.6	1.0	1.0	-
3632	Household refrigerators and freezers	41.2	39.8	39.2	39.0	-	1.9	1.5	.9	1.1	-
3633	Household laundry equipment	39.3	39.9	37.7	37.7	-	1.1	.7	.6	.6	-
3634	Electric housewares and fans	38.9	38.9	38.1	38.1	-	1.1	1.5	.9	1.0	-
364	Electric lighting and wiring equipment	39.4	40.0	39.2	38.8	-	2.3	2.3	1.6	1.4	-
3641	Electric lamps	39.5	40.3	40.0	38.5	-	1.6	2.0	1.9	1.4	-
3643	Current carrying wiring devices	40.1	40.6	39.2	38.2	-	2.6	2.9	1.7	1.5	-
3644	Noncurrent carrying wiring devices	40.5	40.7	38.4	37.8	-	2.7	2.5	1.3	1.0	-
3645	Residential lighting fixtures	37.5	38.3	38.2	37.9	-	.9	1.5	1.3	1.1	-
365	Radio and TV receiving equipment	38.4	39.4	39.1	39.3	-	1.6	1.9	1.0	1.0	-
3651	Radio and TV receiving sets	38.1	38.9	38.7	38.5	-	1.6	1.8	.8	.8	-
366	Communication equipment	40.0	40.4	40.0	39.8	-	1.8	2.1	2.2	1.6	-
3661	Telephone and telegraph apparatus	40.4	40.7	40.2	39.4	-	1.7	2.1	1.7	1.4	-
3662	Radio and TV communication equipment	39.7	40.1	41.2	40.1	-	1.8	2.0	2.5	1.8	-
367	Electronic components and accessories	39.8	40.0	39.6	39.2	-	2.1	2.3	2.1	1.8	-
3671,3	Electronic tubes	41.7	42.8	40.4	40.3	-	2.1	1.8	2.0	1.6	-
3674	Semiconductors and related devices	39.9	40.5	39.8	38.9	-	2.2	2.4	2.2	1.8	-
3679	Electronic components, nec	39.7	39.8	39.9	39.7	-	2.2	2.4	2.2	2.0	-
369	Misc. electrical equipment and supplies	40.1	40.5	39.5	39.6	-	2.2	2.5	1.9	1.6	-
3691	Storage batteries	39.4	40.1	38.4	38.5	-	1.7	1.9	1.2	1.2	-
3694	Engine electrical equipment	40.1	40.2	38.6	38.6	-	2.3	2.4	1.7	1.6	-
37	TRANSPORTATION EQUIPMENT	41.2	41.6	40.4	40.5	41.1	4.2	4.7	2.4	2.4	-
371	Motor vehicles and equipment	41.1	42.2	39.9	42.7	-	5.1	6.1	1.9	2.3	-
3711	Motor vehicles and car bodies	41.6	42.7	39.9	43.9	-	5.5	6.6	1.7	2.3	-
3713	Truck and bus bodies	39.8	40.3	40.2	40.2	-	2.3	2.5	1.3	1.6	-
3714	Motor vehicle parts and accessories	41.6	42.4	40.1	42.7	-	3.4	4.0	2.3	2.7	-
3715	Truck trailers	36.8	37.7	37.9	38.3	-	1.1	1.7	.8	.9	-
372	Aircraft and parts	41.2	41.5	41.5	40.8	-	3.3	3.5	3.1	2.7	-
3721	Aircraft	41.3	41.4	41.4	40.5	-	2.9	3.1	2.7	2.3	-
3724	Aircraft engines and engine parts	40.1	40.6	40.9	40.5	-	3.1	3.4	3.4	3.1	-
3728	Aircraft equipment, nec	42.3	42.8	42.3	41.7	-	4.1	4.4	3.6	3.2	-
373	Ship and boat building and repairing	40.5	40.8	40.0	39.9	-	3.5	3.6	2.2	2.5	-
3731	Ship building and repairing	40.5	40.5	40.0	40.1	-	3.6	3.4	2.2	2.6	-
3732	Boat building and repairing	40.5	41.7	39.8	39.3	-	3.1	4.3	2.1	1.8	-
374	Railroad equipment	38.6	39.5	38.2	37.1	-	2.2	2.1	1.4	1.2	-

See footnotes at end of table.

C 2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Apr. 1981	May 1981	Mar. 1982	Apr. 1982P	May 1982P	Apr. 1981	May 1981	Mar. 1982	Apr. 1982P	May 1982P
	TRANSPORTATION EQUIPMENT — Continued										
376	Guided missiles, space vehicles, parts	$393.36	$401.88	$430.61	$427.73	-	$9.81	$9.85	$10.58	$10.64	-
3761	Guided missiles and space vehicles	401.00	408.44	441.73	433.13	-	10.05	10.11	10.88	10.91	-
379	Miscellaneous transportation equipment	285.02	302.74	354.19	359.45	-	7.09	7.42	8.66	8.62	-
3792	Travel trailers and campers	253.37	266.23	294.10	332.15	-	6.46	6.74	7.58	7.63	-
38	INSTRUMENTS AND RELATED PRODUCTS	286.68	294.19	320.80	319.16	$329.25	7.24	7.30	8.00	8.08	$8.17
381	Engineering and scientific instruments	307.80	312.83	336.18	334.09	-	7.80	7.83	8.26	8.29	-
382	Measuring and controlling devices	286.22	290.46	318.80	317.86	-	7.12	7.19	7.99	8.13	-
3822	Environmental controls	267.84	267.34	291.33	289.06	-	6.74	6.82	7.45	7.52	-
3823	Process control instruments	299.59	307.44	331.20	323.80	-	7.15	7.20	8.00	7.99	-
3825	Instruments to measure electricity	295.14	296.40	335.81	342.52	-	7.36	7.43	8.48	8.76	-
383	Optical instruments and lenses	299.52	301.84	341.16	328.68	-	7.68	7.70	8.19	8.30	-
384	Medical instruments and supplies	245.46	252.57	272.16	269.41	-	6.23	6.33	6.89	6.90	-
3841	Surgical and medical instruments	249.00	253.53	278.20	275.97	-	6.30	6.36	6.99	7.04	-
3842	Surgical appliances and supplies	240.77	251.56	268.03	262.48	-	6.16	6.42	6.82	6.80	-
385	Ophthalmic goods	219.38	224.07	235.17	230.83	-	5.54	5.56	5.91	5.98	-
386	Photographic equipment and supplies	396.79	398.52	436.13	436.54	-	9.70	9.72	10.56	10.57	-
387	Watches, clocks, and watchbands	219.98	224.19	231.57	235.68	-	5.68	5.69	6.11	6.09	-
39	MISCELLANEOUS MANUFACTURING INDUSTRIES	227.74	230.29	244.58	242.32	243.84	5.90	5.92	6.32	6.36	6.40
391	Jewelry, silverware, and plated ware	239.27	239.91	258.10	259.81	-	6.33	6.33	6.81	6.83	-
3911	Jewelry, precious metal	224.95	225.59	254.61	252.17	-	6.35	6.35	6.90	6.89	-
393	Musical instruments	220.79	221.94	241.25	230.89	-	5.72	5.81	6.17	6.27	-
394	Toys and sporting goods	212.09	210.46	235.83	231.17	-	5.48	5.48	6.00	6.02	-
3942, 3	Dolls, games, toys, and children's vehicles	223.54	225.11	221.36	217.70	-	5.34	5.30	5.72	5.79	-
3949	Sporting and athletic goods, nec	221.03	227.13	246.96	244.61	-	5.61	5.65	6.22	6.21	-
396	Pens, pencils, office and art supplies	234.83	239.60	263.81	261.74	-	5.93	6.02	6.53	6.56	-
398	Costume jewelry and notions	191.69	197.37	204.91	210.59	-	5.09	5.18	5.35	5.38	-
3991	Costume jewelry	175.28	179.73	194.66	197.46	-	4.75	4.78	5.03	5.05	-
399	Miscellaneous manufactures	248.45	250.13	265.94	263.50	-	6.42	6.46	6.70	6.76	-
3993	Signs and advertising displays	267.84	266.34	282.94	282.70	-	6.85	6.90	7.33	7.42	-
	NONDURABLE GOODS										
20	FOOD AND KINDRED PRODUCTS	288.12	294.18	303.81	306.52	309.69	7.35	7.41	7.79	7.90	7.88
201	Meat products	285.92	293.72	289.17	289.94	-	7.35	7.38	7.57	7.65	-
2013	Meat packing plants	306.45	308.40	304.75	305.71	-	8.03	8.02	8.04	8.12	-
2015	Sausages and other prepared meats	335.45	349.60	341.51	342.00	-	8.59	8.74	8.98	9.00	-
2016	Poultry dressing plants	188.86	183.74	177.91	181.35	-	4.73	4.81	5.08	5.10	-
202	Dairy products	300.37	306.71	323.38	328.36	-	7.38	7.45	7.96	7.97	-
2026	Fluid milk	273.61	277.22	292.89	301.20	-	7.07	7.09	7.51	7.53	-
203	Preserved fruits and vegetables	317.12	319.25	338.66	341.55	-	7.66	7.73	8.22	8.23	-
2033	Canned specialties	295.50	297.15	268.11	280.40	-	6.41	6.47	6.91	7.00	-
2033	Canned fruits and vegetables	269.80	292.70	315.60	334.96	-	7.10	7.16	7.89	7.74	-
2037	Frozen fruits and vegetables	261.12	263.36	270.51	271.70	-	6.73	6.78	7.10	7.15	-
204	Grain mill products	224.28	220.60	253.59	239.86	-	5.97	6.00	6.42	6.54	-
2041	Flour and other grain mill products	338.62	342.37	367.46	371.55	-	8.14	8.23	8.77	8.91	-
2048	Prepared feeds, nec	357.78	359.74	387.20	375.70	-	8.04	8.03	8.78	8.84	-
205	Bakery products	276.12	275.64	288.69	299.88	-	6.59	6.61	6.99	7.14	-
2051	Bread, cake, and related products	292.95	298.38	307.63	320.00	-	7.63	7.73	8.16	8.16	-
2052	Cookies and crackers	291.85	297.90	306.61	308.63	-	7.66	7.80	8.22	8.23	-
206	Sugar and confectionery products	296.12	298.94	310.81	299.08	-	7.54	7.53	7.99	7.97	-
2061, 3	Cane and beet sugar	288.22	293.20	294.47	299.15	-	7.26	7.33	7.57	7.77	-
2065	Confectionery products	350.90	357.86	339.39	347.32	-	8.60	8.48	8.90	9.14	-
207	Fats and oils	248.45	251.94	258.80	259.62	-	6.42	6.51	6.67	6.65	-
208	Beverages	329.02	330.42	333.32	338.76	-	7.66	7.74	7.88	7.98	-
2082	Malt beverages	350.95	361.42	382.15	393.72	-	8.73	8.88	9.53	9.69	-
2084	Bottled and canned soft drinks	497.25	509.61	554.27	572.72	-	11.70	11.93	12.89	12.87	-
209	Misc. foods and kindred products	269.89	268.54	276.12	279.17	-	6.52	6.60	7.08	7.14	-
21	TOBACCO MANUFACTURES	351.82	350.62	362.56	365.00	363.22	8.92	9.06	9.72	10.00	9.97
211	Cigarettes	387.07	387.93	419.83	415.15	-	10.20	10.36	11.22	11.34	-
22	TEXTILE MILL PRODUCTS	211.18	217.08	217.15	215.97	218.11	5.36	5.40	5.76	5.79	5.77
221	Broadwoven fabric mills	219.29	222.75	218.14	225.98	-	5.48	5.50	5.96	6.01	-
2211	Broadwoven fabric mills, cotton	231.83	233.38	222.77	218.88	-	5.64	5.63	6.07	6.08	-
223	Broadwoven fabric mills, wool	229.39	231.69	247.05	241.40	-	5.59	5.61	6.10	6.05	-
224	Narrow fabric mills	197.87	200.27	214.93	207.23	-	4.91	4.94	5.32	5.30	-
225	Knitting mills	187.12	194.56	195.81	194.58	-	5.03	5.08	5.35	5.39	-

[1] See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Apr. 1981	May 1981	Mar. 1982	Apr. 1982P	May 1982P	Apr. 1981	May 1981	Mar. 1982	Apr. 1982P	May 1982P
	TRANSPORTATION EQUIPMENT—Continued										
376	Guided missiles, space vehicles, parts	40.1	40.8	40.7	40.2	-	2.9	3.2	2.7	2.5	-
3761	Guided missiles and space vehicles	39.9	40.4	40.6	39.7	-	2.6	2.8	2.5	2.3	-
379	Miscellaneous transportation equipment	40.2	40.8	40.9	41.7	-	2.2	2.7	2.9	3.1	-
3792	Travel trailers and campers	39.1	39.5	38.8	39.6	-	1.9	2.0	1.6	2.1	-
38	**INSTRUMENTS AND RELATED PRODUCTS**	39.9	40.3	40.1	39.5	40.3	1.9	2.2	1.9	1.6	-
381	Engineering and scientific instruments	40.5	41.0	40.7	40.3	-	2.3	3.0	2.4	2.2	-
382	Measuring and controlling devices	40.2	40.4	39.9	39.1	-	1.6	2.0	1.5	1.2	-
3822	Environmental controls	38.7	39.2	39.1	38.3	-	1.4	1.5	1.0	1.1	-
3823	Process control instruments	41.9	42.7	41.4	40.5	-	2.4	2.9	2.0	1.5	-
3825	Instruments to measure electricity	40.1	39.9	39.6	39.1	-	1.3	1.6	1.3	1.0	-
383	Optical instruments and lenses	39.0	39.2	41.9	39.6	-	2.2	2.4	2.7	1.7	-
384	Medical instruments and supplies	39.4	39.9	39.5	38.9	-	1.6	2.1	2.1	1.5	-
3841	Surgical and medical instruments	40.0	40.5	39.8	39.2	-	1.7	2.5	2.5	2.0	-
3842	Surgical appliances and supplies	38.8	39.2	39.3	38.6	-	1.7	1.9	1.8	1.2	-
385	Ophthalmic goods	39.6	40.3	40.3	38.6	-	1.5	1.6	1.6	1.1	-
386	Photographic equipment and supplies	40.7	41.0	41.3	41.3	-	3.1	2.9	2.5	2.3	-
387	Watches, clocks, and watchcases	38.2	39.4	37.9	38.7	-	.8	1.5	1.3	1.2	-
39	**MISCELLANEOUS MANUFACTURING INDUSTRIES**	38.6	38.9	38.7	38.1	38.1	1.6	1.9	1.6	1.4	-
391	Jewelry, silverware, and plated ware	37.8	37.9	37.9	37.6	-	1.7	1.7	1.6	1.2	-
3911	Jewelry, precious metal	37.0	37.1	36.9	36.6	-	1.9	1.7	1.8	1.1	-
393	Musical instruments	38.6	38.2	39.1	38.1	-	.9	1.0	.9	.5	-
394	Toys and sporting goods	38.7	39.5	39.3	38.4	-	1.6	2.1	1.6	1.4	-
3942 4	Dolls, games, toys, and children's vehicles	38.0	38.7	38.7	37.6	-	1.5	1.8	1.1	.9	-
3949	Sporting and athletic goods, nec	39.4	40.2	39.7	39.1	-	1.8	2.4	2.1	1.8	-
395	Pens, pencils, office and art supplies	39.6	39.8	40.4	39.9	-	1.7	1.9	2.0	1.7	-
396	Costume jewelry and notions	37.7	38.7	38.3	38.4	-	1.7	2.0	1.7	2.1	-
3961	Costume jewelry	36.9	37.6	38.7	39.1	-	1.1	1.7	2.1	1.0	-
399	Miscellaneous manufactures	38.7	38.6	38.2	37.5	-	1.7	2.0	1.5	1.4	-
3993	Signs and advertising displays	39.1	38.6	38.6	38.1	-	2.4	2.4	2.2	2.2	-
	NONDURABLE GOODS										
20	**FOOD AND KINDRED PRODUCTS**	39.2	39.7	39.0	39.8	39.3	3.3	3.6	3.1	3.1	-
201	Meat products	38.9	39.8	38.2	37.9	-	3.1	3.7	3.3	2.8	-
2011	Meat packing plants	41.5	41.3	40.8	40.1	-	4.2	4.3	4.0	3.5	-
2013	Sausages and other prepared meats	39.4	40.0	38.2	38.0	-	3.2	3.7	2.6	2.6	-
2016	Poultry dressing plants	35.7	38.2	35.3	35.5	-	1.9	3.1	2.0	2.1	-
202	Dairy products	40.7	40.9	40.6	41.2	-	3.8	3.8	3.4	3.6	-
2022	Cheese, natural and processed	38.7	39.1	39.0	40.3	-	3.4	3.1	2.7	3.3	-
2026	Fluid milk	41.4	41.3	41.2	41.5	-	4.0	4.2	3.8	4.0	-
203	Preserved fruits and vegetables	38.3	38.2	39.8	37.2	-	2.6	2.7	2.6	2.2	-
2032	Canned specialties	38.0	41.0	40.0	39.4	-	3.3	4.0	2.6	1.7	-
2033	Canned fruits and vegetables	38.8	38.8	38.1	38.3	-	2.5	2.5	2.4	2.3	-
2037	Frozen fruits and vegetables	37.4	36.8	39.5	36.4	-	2.3	2.6	3.1	2.5	-
204	Grain mill products	41.6	41.6	41.9	41.7	-	4.8	4.9	4.7	4.6	-
2041	Flour and other grain mill products	44.5	44.8	44.1	42.5	-	5.4	5.3	5.5	5.4	-
2048	Prepared feeds, nec	41.9	41.7	41.3	42.0	-	5.0	5.4	4.3	4.9	-
205	Bakery products	38.4	38.6	37.7	37.5	-	3.1	3.1	2.7	2.7	-
2051	Bread, cake, and related products	38.1	38.2	37.3	37.5	-	3.3	3.3	2.8	3.0	-
2052	Cookies and crackers	39.3	39.7	38.9	37.4	-	2.5	2.4	2.2	1.7	-
206	Sugar and confectionery products	39.7	40.0	38.9	38.5	-	2.6	2.5	2.2	2.0	-
2061 3	Cane and beet sugar	41.5	42.2	38.1	38.0	-	3.5	3.1	3.9	2.6	-
2065	Confectionery products	38.7	38.7	38.8	37.9	-	2.3	2.4	1.7	1.6	-
207	Fats and oils	42.3	42.8	42.3	42.2	-	4.3	4.6	4.7	4.5	-
208	Beverages	40.2	40.7	40.1	40.7	-	4.0	4.4	3.7	4.0	-
2082	Malt beverages	42.5	42.7	43.0	44.5	-	6.2	6.6	5.8	6.5	-
2086	Bottled and canned soft drinks	39.4	40.2	39.0	39.1	-	3.5	3.9	3.1	3.1	-
209	Misc. foods and kindred products	37.5	38.8	37.5	37.5	-	3.0	3.8	2.7	2.8	-
21	**TOBACCO MANUFACTURES**	37.2	38.7	37.3	36.5	36.8	1.1	2.3	.9	1.0	-
211	Cigarettes	37.8	39.3	37.4	36.7	-	1.2	2.7	.9	1.0	-
22	**TEXTILE MILL PRODUCTS**	39.4	40.2	37.7	37.1	37.9	2.7	3.3	2.1	2.0	-
221	Weaving mills, cotton	40.0	40.5	36.6	37.6	-	2.8	3.4	2.2	2.3	-
222	Weaving mills, synthetics	41.1	41.4	36.7	36.0	-	3.5	3.8	2.0	1.5	-
223	Weaving and finishing mills, wool	41.0	41.3	40.5	39.9	-	3.6	3.8	3.8	3.4	-
224	Narrow fabric mills	40.3	40.5	40.4	39.1	-	2.2	2.5	2.0	1.8	-
225	Knitting mills	37.2	38.3	36.6	36.1	-	1.7	2.4	1.7	1.6	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Apr. 1981	May 1981	Mar. 1982	Apr. 1982P	May 1982P	Apr. 1981	May 1981	Mar. 1982	Apr. 1982P	May 1982P
	TEXTILE MILL PRODUCTS—Continued										
2251	Women's hosiery, except socks	$174.79	$177.65	$187.31	$176.65	-	$4.75	$4.75	$5.09	$5.15	-
2252	Hosiery, nec	177.34	180.33	180.06	175.96	-	4.78	4.78	5.10	5.13	-
2253	Knit outerwear mills	180.60	187.50	189.69	193.36	-	4.94	5.00	5.29	5.24	-
2254	Knit underwear mills	171.15	178.30	172.86	176.56	-	4.89	4.89	5.16	5.14	-
2257	Circular knit fabric mills	212.14	214.22	238.39	240.80	-	5.51	5.72	5.93	5.99	-
226	Textile finishing, except wool	230.61	240.09	255.84	251.53	-	5.68	5.73	6.15	6.12	-
2261	Finishing plants, cotton	230.09	239.37	272.80	276.86	-	5.78	5.81	6.14	6.18	-
2262	Finishing plants, synthetics	241.95	253.86	247.81	237.00	-	5.85	5.89	6.42	6.32	-
227	Floor covering mills	214.01	231.74	223.61	219.63	-	5.53	5.68	5.90	5.92	-
228	Yarn and thread mills	196.69	208.32	203.25	199.47	-	5.01	5.05	5.42	5.45	-
2281	Yarn mills, except wool	196.39	203.62	204.33	202.54	-	5.01	5.04	5.42	5.43	-
2282	Throwing and winding mills	183.24	198.69	190.53	188.86	-	4.84	4.86	5.22	5.32	-
229	Miscellaneous textile goods	240.91	247.80	249.25	251.41	-	5.93	6.00	6.31	6.43	-
23	APPAREL AND OTHER TEXTILE PRODUCTS	173.89	178.56	180.37	178.19	$179.74	4.94	4.96	5.15	5.18	$5.15
231	Men's and boys' suits and coats	199.80	205.62	211.09	211.40	-	5.86	5.88	5.98	6.04	-
232	Men's and boys' furnishings	162.69	166.99	169.10	169.73	-	4.57	4.55	4.75	4.78	-
2321	Men's and boys' shirts and nightwear	157.09	161.83	166.31	165.48	-	4.45	4.42	4.65	4.66	-
2322	Men's and boys' separate trousers	162.29	170.35	174.97	175.04	-	4.65	4.68	4.82	4.84	-
2329	Men's and boys' work clothing	162.71	167.45	163.22	166.26	-	4.47	4.43	4.65	4.70	-
233	Women's and misses' outerwear	164.66	167.62	171.87	166.08	-	4.93	4.93	5.10	5.11	-
2331	Women's and misses' blouses and waists	156.51	158.10	164.78	162.10	-	4.64	4.65	4.79	4.81	-
2335	Women's and misses' dresses	161.48	164.15	174.68	165.79	-	5.03	5.02	5.23	5.23	-
2339	Women's and misses' suits and coats	177.21	189.66	182.57	179.46	-	5.37	5.45	5.67	5.71	-
234	Women's and misses' outerwear, nec	165.12	166.25	168.41	164.01	-	4.80	4.75	4.91	4.94	-
2341	Women's and children's undergarments	160.20	161.81	163.31	156.84	-	4.50	4.47	4.72	4.71	-
2342	Brassieres and allied garments	156.87	160.65	161.59	155.96	-	4.45	4.42	4.63	4.63	-
236	Children's outerwear	166.97	169.56	169.95	155.65	-	4.70	4.71	5.15	5.[illegible]	-
2361	Children's dresses and blouses	156.00	160.38	164.95	164.91	-	4.47	4.52	4.74	4.78	-
238	Misc. apparel and accessories	156.35	161.72	160.01	155.30	-	4.50	4.53	4.72	4.75	-
239	Misc. fabricated textile products	174.48	179.33	180.79	184.93	-	4.82	4.86	5.18	5.18	-
2391	Curtains and draperies	219.46	220.98	224.10	224.92	-	5.73	5.85	5.96	6.03	-
2392	House furnishings, nec	159.78	165.44	150.48	158.12	-	4.33	4.40	4.63	4.61	-
2396	Automotive and apparel trimmings	184.46	183.84	197.76	190.62	-	4.79	4.80	5.15	5.18	-
		392.92	405.98	395.26	423.71	-	9.56	9.83	10.24	10.54	-
26	PAPER AND ALLIED PRODUCTS	354.35	357.85	376.55	381.22	383.56	8.37	8.42	9.03	9.12	9.17
261, 2[illegible]	Paper and pulp mills	434.11	439.20	461.39	474.71	-	9.69	9.76	10.51	10.62	-
262	Paper mills, except building paper	437.20	441.35	465.62	480.94	-	9.63	9.70	10.44	10.57	-
263	Paperboard mills	441.44	443.67	467.19	475.44	-	10.01	10.02	10.74	10.83	-
264	Misc. converted paper products	297.82	301.38	321.19	320.40	-	7.39	7.46	7.97	8.03	-
2641	Paper coating and glazing	344.86	353.22	381.85	381.10	-	8.27	8.39	9.07	9.25	-
2642	Envelopes	273.60	276.88	296.74	293.14	-	6.84	6.92	7.40	7.44	-
2643	Bags, except textile bags	288.40	288.52	302.35	302.00	-	7.01	7.06	7.54	7.55	-
265	Paperboard containers and boxes	308.36	311.32	319.58	323.20	-	7.40	7.43	7.93	8.00	-
2651	Folding paperboard boxes	312.08	317.52	326.79	327.64	-	7.52	7.58	7.99	8.07	-
2653	Corrugated and solid fiber boxes	319.07	325.08	335.36	339.06	-	7.67	7.74	8.26	8.33	-
2654	Sanitary food containers	294.11	304.29	312.30	315.24	-	6.97	7.06	7.58	7.67	-
27	PRINTING AND PUBLISHING	296.74	301.38	318.69	316.48	317.09	8.02	8.08	8.59	8.60	8.64
271	Newspapers	273.55	275.04	288.86	288.31	-	8.19	8.21	8.78	8.79	-
272	Periodicals	285.67	289.48	330.72	322.98	-	7.73	7.74	8.59	8.59	-
273	Books	275.33	288.25	296.42	290.69	-	7.17	7.43	7.78	7.83	-
2731	Book publishing	268.48	278.74	293.70	278.98	-	7.06	7.24	7.61	7.56	-
2732	Book printing	282.85	299.05	302.48	303.16	-	7.29	7.59	7.96	8.15	-
274	Miscellaneous publishing	243.20	247.76	283.11	301.09	-	6.87	6.94	7.59	7.78	-
275	Commercial printing	320.84	324.24	343.93	338.96	-	8.35	8.40	8.91	8.92	-
2751	Commercial printing, letterpress	296.76	299.82	317.60	320.92	-	7.83	7.89	8.38	8.49	-
2752	Commercial printing, lithographic	329.95	334.46	357.10	346.56	-	8.57	8.62	9.10	9.12	-
276	Manifold business forms	315.62	326.01	333.52	334.77	-	7.95	8.06	8.53	8.54	-
278	Blankbooks and bookbinding	237.86	242.79	254.32	252.22	-	6.26	6.29	6.64	6.62	-
279	Printing trade services	373.23	375.98	402.42	398.42	-	11.06	10.08	10.59	10.49	-
28	CHEMICALS AND ALLIED PRODUCTS	372.32	376.09	395.23	398.45	400.57	8.95	8.99	9.71	9.79	9.77
281	Industrial inorganic chemicals	409.12	415.58	429.60	436.29	-	9.93	9.99	10.74	10.86	-
2816	Industrial inorganic chemicals, nec	406.77	413.83	428.76	434.00	-	9.97	10.02	10.80	10.85	-
282	Plastics materials and synthetics	377.74	376.32	380.95	394.23	-	8.93	8.96	9.50	9.71	-
2821	Plastics materials and resins	423.36	421.74	417.56	420.04	-	9.71	9.74	10.26	10.32	-
2824	Organic fibers, noncellulosic	347.75	351.02	359.09	378.28	-	8.42	8.52	9.04	9.41	-
283	Drugs	330.40	332.11	360.38	365.86	-	8.10	8.16	8.98	8.88	-
2834	Pharmaceutical preparations	318.18	316.37	346.23	344.46	-	7.79	7.87	8.57	8.59	-

[1] See footnote 4 at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Apr. 1981	May 1981	Mar. 1982	Apr. 1982P	May 1982P	Apr. 1981	May 1981	Mar. 1982	Apr. 1982P	May 1982P
	TEXTILE MILL PRODUCTS—Continued										
2251	Women's hosiery, except socks	36.3	37.4	35.8	36.3	-	1.4	2.1	1.6	1.0	-
2252	Hosiery, nec	37.1	36.5	35.3	36.3	-	1.6	2.3	1.1	1.0	-
2253	Knit outerwear mills	36.6	37.5	36.2	36.9	-	1.6	2.2	1.5	1.8	-
2254	Knit underwear mills	35.0	36.4	33.5	32.4	-	.6	1.2	.3	.0	-
2257	Circular knit fabric mills	38.5	39.2	40.2	40.2	-	2.0	2.6	3.0	3.1	-
226	Textile finishing, except wool	40.6	41.9	41.6	41.1	-	3.3	4.1	3.3	4.6	-
2261	Finishing plants, cotton	39.8	41.2	40.3	40.8	-	3.2	3.7	3.1	3.0	-
2262	Finishing plants, synthetics	41.7	43.1	38.6	37.5	-	3.5	4.6	2.9	2.3	-
227	Floor covering mills	38.7	40.8	37.9	37.1	-	2.8	4.3	1.5	1.6	-
228	Yarn and thread mills	39.3	40.4	37.5	36.6	-	2.6	3.5	2.1	2.1	-
2281	Yarn mills, except wool	39.2	40.4	37.7	37.3	-	2.6	3.6	2.2	2.1	-
2282	Throwing and winding mills	39.1	40.1	36.5	35.5	-	2.8	3.4	1.4	2.0	-
229	Miscellaneous textile goods	41.3	41.3	39.5	39.1	-	3.3	3.7	2.6	2.6	-
23	**APPAREL AND OTHER TEXTILE PRODUCTS**	35.2	36.0	35.1	34.6	34.9	.8	1.1	1.0	.8	-
231	Men's and boys' suits and coats	35.3	36.2	35.3	35.0	-	.3	.7	.9	.7	-
232	Men's and boys' furnishings	35.6	36.7	35.6	35.3	-	.6	.9	.8	.7	-
2321	Men's and boys' shirts and nightwear	35.3	36.3	35.7	35.5	-	.7	1.0	.9	.7	-
2327	Men's and boys' separate trousers	34.9	36.4	36.3	34.1	-	.6	1.1	.9	.7	-
2328	Men's and boys' work clothing	36.4	37.8	35.1	35.8	-	.5	.9	.6	.7	-
233	Women's and misses' outerwear	33.4	34.0	33.7	32.5	-	.8	1.0	1.0	.8	-
2331	Women's and misses' blouses and waists	33.3	34.0	34.4	33.7	-	.7	1.0	1.1	.8	-
2335	Women's and misses' dresses	32.5	32.7	33.4	31.7	-	.4	.6	.9	.7	-
2337	Women's and misses' suits and coats	33.0	34.8	32.2	30.9	-	.5	.7	.6	.4	-
2339	Women's and misses' outerwear, nec	34.4	35.0	34.3	33.2	-	.9	1.1	1.2	1.0	-
234	Women's and children's undergarments	35.6	36.2	34.6	33.3	-	.9	1.1	.9	.6	-
2341	Women's and children's underwear	35.7	36.3	34.9	33.9	-	.9	1.1	1.0	.6	-
2342	Brassieres and allied garments	35.1	36.0	33.0	30.4	-	1.0	1.3	.5	.6	-
238	Children's outerwear	34.9	36.3	34.8	34.5	-	.5	1.1	.9	.6	-
2361	Children's dresses and blouses	34.3	35.7	33.9	34.8	-	.5	.8	.8	.6	-
238	Misc. apparel and accessories	36.2	36.9	36.2	35.7	-	.9	1.3	1.2	1.1	-
239	Misc. fabricated textile products	38.3	38.8	37.6	37.3	-	1.6	2.0	1.6	1.6	-
2391	Curtains and draperies	36.9	37.6	32.5	34.3	-	.7	1.3	.8	.8	-
2392	House furnishings, nec	38.3	38.3	38.4	36.9	-	1.5	1.8	1.9	1.4	-
2396	Automotive and apparel trimmings	41.1	41.3	38.6	40.2	-	2.3	2.9	1.4	2.8	-
26	**PAPER AND ALLIED PRODUCTS**	42.3	42.5	41.7	41.3	41.5	6.3	6.4	5.9	6.0	-
261, 2, 6	Paper and pulp mills	44.8	45.0	43.9	44.7	-	6.4	6.4	5.7	6.0	-
262	Paper mills, except building paper	45.4	45.5	44.6	43.5	-	6.6	6.6	5.9	6.3	-
263	Paperboard mills	44.1	43.3	43.5	43.9	-	7.4	7.2	7.1	7.5	-
264	Misc. converted paper products	40.3	40.4	40.3	39.9	-	2.4	2.6	2.3	2.4	-
2641	Paper coating and glazing	41.7	42.1	42.1	41.2	-	2.7	3.0	2.2	2.3	-
2642	Envelopes	40.3	40.3	40.1	39.4	-	1.5	1.8	2.2	2.0	-
2643	Bags, except textile bags	40.0	40.3	40.1	40.3	-	2.4	2.6	2.5	2.4	-
265	Paperboard containers and boxes	41.4	41.9	40.3	40.4	-	3.2	3.5	2.7	2.7	-
2651	Folding paperboard boxes	41.5	42.0	40.9	40.6	-	3.7	4.0	3.0	2.8	-
2653	Corrugated and solid fiber boxes	41.6	42.0	40.6	40.8	-	3.4	3.6	3.1	3.1	-
2654	Sanitary food containers	42.2	43.1	41.2	41.1	-	3.1	3.7	2.7	2.8	-
27	**PRINTING AND PUBLISHING**	37.0	37.3	37.1	36.8	36.7	2.2	2.3	2.3	2.0	-
271	Newspapers	33.4	33.5	32.9	32.6	-	1.4	1.4	1.2	1.2	-
272	Periodicals	37.1	37.4	38.5	37.6	-	2.2	2.0	2.6	2.1	-
273	Books	38.4	38.9	38.1	37.1	-	2.3	2.7	2.7	1.9	-
2731	Book publishing	38.0	38.5	38.2	37.0	-	2.0	2.3	1.7	1.0	-
2732	Book printing	38.8	39.4	38.0	37.2	-	2.6	3.2	3.7	2.8	-
274	Miscellaneous publishing	35.9	35.7	37.3	36.7	-	1.6	1.8	1.5	1.6	-
275	Commercial printing	38.4	38.6	38.6	38.0	-	2.7	2.9	2.9	2.5	-
2751	Commercial printing, letterpress	37.9	38.0	37.9	37.8	-	2.2	2.2	2.2	2.0	-
2752	Commercial printing, lithographic	38.5	38.8	38.9	38.0	-	2.9	3.1	3.2	2.7	-
276	Manifold business forms	39.7	40.2	39.1	39.2	-	2.1	2.6	2.1	2.2	-
278	Blankbooks and bookbinding	38.0	38.6	38.0	38.1	-	1.3	1.6	1.5	1.2	-
279	Printing trade service	37.1	37.3	36.0	37.6	-	3.0	3.5	3.1	3.0	-
28	**CHEMICALS AND ALLIED PRODUCTS**	41.6	41.5	40.7	40.7	41.3	3.4	3.4	2.7	2.7	-
281	Industrial inorganic chemicals	41.2	41.6	40.0	40.1	-	3.1	3.3	2.8	3.0	-
2819	Industrial inorganic chemicals, nec	41.0	41.3	39.7	40.0	-	2.7	3.0	2.9	3.1	-
282	Plastics materials and synthetics	42.3	42.0	40.1	40.6	-	3.3	3.4	2.3	2.5	-
2821	Plastics materials and resins	43.6	43.3	40.7	40.7	-	3.7	4.6	2.9	3.0	-
2824	Organic fibers, noncellulosic	41.3	41.2	39.7	40.2	-	2.1	2.4	1.7	2.2	-
283	Drugs	40.8	40.7	40.8	41.2	-	2.7	2.8	2.6	2.5	-
2834	Pharmaceutical preparations	40.2	40.2	40.4	40.1	-	2.6	2.7	2.6	2.4	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Apr. 1981	May 1981	Mar. 1982	Apr. 1982P	May 1982P	Apr. 1981	May 1981	Mar. 1982	Apr. 1982P	May 1982P
	CHEMICALS AND ALLIED PRODUCTS—Cont'd										
284	Soap, cleaners, and toilet goods	$328.82	$338.20	$362.30	$359.50	-	$8.20	$8.33	$8.99	$9.01	-
2841	Soap and other detergents	450.43	456.67	494.47	493.79	-	10.75	10.72	11.58	11.63	-
2844	Toilet preparations	250.77	262.01	275.22	273.35	-	6.43	6.65	7.13	7.10	-
2842, 3	Polishing, sanitation, and finishing preparations	312.84	321.60	346.80	341.91	-	7.86	8.00	8.62	8.70	-
285	Paints and allied products	324.77	334.08	340.10	340.81	-	7.96	8.05	8.61	8.65	-
286	Industrial organic chemicals	451.56	446.05	479.03	489.30	-	10.55	10.57	11.46	11.65	-
2865	Cyclic crudes and intermediates	409.45	418.97	454.86	475.15	-	9.89	10.12	10.83	11.18	-
2861, 9	Gum, wood, and industrial organic chemicals, nec	465.91	455.60	487.81	493.66	-	10.76	10.72	11.67	11.81	-
287	Agricultural chemicals	375.29	366.37	396.68	397.07	-	8.51	8.56	9.40	9.26	-
289	Miscellaneous chemical products	340.71	341.96	365.81	364.51	-	8.31	8.28	9.01	9.09	-
29	PETROLEUM AND COAL PRODUCTS	503.93	492.68	522.37	512.50	$528.70	11.41	11.30	12.32	12.50	$12.44
291	Petroleum refining	544.45	533.05	563.71	575.39	-	12.29	12.17	13.14	13.35	-
295	Paving and roofing materials	357.33	371.80	389.40	362.96	-	8.31	8.45	8.67	8.98	-
30	RUBBER AND MISC. PLASTICS PRODUCTS	284.52	290.90	295.77	297.48	300.45	7.06	7.13	7.45	7.53	7.53
301	Tires and inner tubes	445.95	462.16	468.12	469.90	-	10.72	11.03	11.53	11.66	-
302	Rubber and plastics footwear	169.40	177.71	199.56	194.77	-	4.84	4.79	5.13	5.18	-
303, 4	Reclaimed rubber, and rubber and plastics hose and belting	322.76	328.18	321.60	321.99	-	7.74	7.74	8.02	8.07	-
306	Fabricated rubber products, nec	263.60	270.50	281.16	281.64	-	6.59	6.63	7.10	7.13	-
307	Miscellaneous plastics products	261.39	265.36	269.28	269.89	-	6.47	6.52	6.80	6.85	-
31	LEATHER AND LEATHER PRODUCTS	179.32	185.50	186.54	186.38	187.80	4.94	4.96	5.24	5.31	5.29
311	Leather tanning and finishing	262.91	266.42	270.27	270.07	-	6.54	6.53	7.02	7.07	-
314	Footwear, except rubber	170.65	178.45	176.59	178.34	-	4.78	4.81	5.06	5.11	-
3143	Men's footwear, except athletic	186.74	194.66	189.04	188.51	-	5.02	5.03	5.31	5.31	-
3144	Women's footwear, except athletic	156.83	165.79	165.80	171.02	-	4.68	4.67	4.92	5.03	-
316	Luggage	187.25	193.15	185.76	184.25	-	4.98	4.94	5.40	5.50	-
317	Handbags and personal leather goods	160.06	167.08	179.95	176.14	-	4.56	4.68	4.89	4.92	-
	TRANSPORTATION AND PUBLIC UTILITIES	374.14	376.10	392.73	394.29	396.47	9.52	9.57	10.07	10.11	10.14
	RAILROAD TRANSPORTATION										
4011	Class I railroads[4]	459.94	446.04	483.52	-	-	10.58	10.62	11.09	-	-
41	LOCAL AND INTERURBAN PASSENGER TRANSIT										
411	Local and suburban transportation	222.11	227.70	234.77	236.72	-	6.63	6.60	7.05	7.13	-
413	Intercity highway transportation	283.09	284.59	298.70	301.78	-	7.24	7.26	7.62	7.64	-
42	TRUCKING AND WAREHOUSING	374.49	381.99	377.31	391.36	-	10.95	10.67	11.13	11.41	-
421, 3	Trucking and trucking terminals	382.96	392.00	392.70	389.75	-	9.87	10.00	10.20	10.23	-
422	Public warehousing	392.11	400.23	401.17	397.76	-	10.08	10.21	10.42	10.44	-
46	PIPE LINES, EXCEPT NATURAL GAS	260.99	265.04	268.46	272.60	-	6.85	6.92	7.14	7.25	-
48	COMMUNICATION	491.21	488.46	514.54	524.80	-	11.45	11.63	12.05	12.12	-
481	Telephone communication	360.98	359.96	389.86	389.46	-	9.08	9.09	9.92	9.91	-
4811	Switchboard operating employees[4]	372.80	373.07	407.25	406.85	-	9.32	9.35	10.31	10.30	-
4818	Line construction employees[4]	269.57	259.76	282.74	292.52	-	7.68	7.64	8.62	8.68	-
483	Radio and television broadcasting	466.12	468.93	505.06	501.54	-	10.84	10.88	11.94	11.97	-
49	ELECTRIC, GAS, AND SANITARY SERVICES	302.02	300.89	316.30	318.38	-	7.99	7.96	8.48	8.49	-
491	Electric services	403.10	406.43	434.06	438.66	-	9.69	9.77	10.51	10.57	-
492	Gas production and distribution	411.74	418.91	442.44	448.98	-	9.78	9.88	10.61	10.69	-
493	Combination utility services	367.28	366.62	390.17	392.09	-	8.98	9.03	9.61	9.61	-
495	Sanitary services	450.02	450.18	492.30	499.98	-	10.87	10.98	11.92	11.99	-
	WHOLESALE AND RETAIL TRADE	315.70	316.00	333.73	336.18	-	7.70	7.67	8.22	8.26	-
50, 51	WHOLESALE TRADE	186.43	188.48	194.66	195.91	197.45	5.87	5.89	6.16	6.18	6.19
50	WHOLESALE TRADE DURABLE GOODS	287.21	288.37	303.72	304.07	308.39	7.46	7.49	7.93	7.96	8.01
501	Motor vehicles and automotive equipment	289.06	290.97	305.74	304.94	-	7.45	7.48	7.88	7.90	-
502	Furniture and home furnishings	264.41	265.87	272.03	273.89	-	6.85	6.87	7.14	7.17	-
503	Lumber and construction materials	255.72	258.54	269.33	270.46	-	6.93	6.95	7.24	7.29	-
504	Sporting goods, toys, and hobby goods	296.81	297.20	299.11	301.78	-	7.63	7.64	7.83	7.90	-
		292.39	293.92	323.29	321.38	-	7.85	7.88	8.53	8.57	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Apr. 1981	May 1981	Mar. 1982	Apr. 1982P	May 1982P	Apr. 1981	May 1981	Mar. 1982	Apr. 1982P	May 1982P
	CHEMICALS AND ALLIED PRODUCTS—Cont'd										
284	Soap, cleaners, and toilet goods	40.1	40.6	40.3	39.9	-	2.3	2.6	2.5	2.3	-
2841	Soap and other detergents	41.9	42.6	42.7	42.2	-	3.4	3.6	3.8	3.4	-
2844	Toilet preparations	39.0	39.4	38.6	38.5	-	1.6	2.0	1.8	1.4	-
2842, 3	Polishing, sanitation, and finishing preparations	39.8	40.2	40.0	39.1	-	1.9	2.2	2.1	1.7	-
285	Paints and allied products	40.8	41.5	39.5	39.4	-	2.8	3.5	1.9	1.8	-
286	Industrial organic chemicals	42.8	42.2	41.8	42.0	-	3.8	3.6	2.9	3.0	-
2865	Cyclic crudes and intermediates	41.4	41.4	42.0	42.3	-	3.8	3.5	2.5	2.7	-
2861, 9	Gum, wood, and industrial organic chemicals, nec	43.3	42.5	41.8	41.8	-	3.8	3.6	3.1	3.1	-
287	Agricultural chemicals	44.1	45.8	42.2	41.9	-	5.2	4.8	4.4	3.8	-
289	Miscellaneous chemical products	41.0	41.3	40.6	40.1	-	2.9	2.9	2.8	2.6	-
29	PETROLEUM AND COAL PRODUCTS	43.9	43.6	42.9	42.6	42.5	3.9	4.2	3.2	3.9	-
291	Petroleum refining	44.1	43.8	42.9	43.1	-	3.8	4.0	3.3	4.0	-
295	Paving and roofing materials	43.0	44.0	40.3	42.6	-	5.1	5.7	3.5	4.1	-
30	RUBBER AND MISC. PLASTICS PRODUCTS	40.3	40.0	39.7	39.5	39.9	2.8	3.2	2.5	2.9	-
301	Tires and inner tubes	41.6	41.9	40.6	40.3	-	2.9	2.9	2.3	2.5	-
302	Rubber and plastics footwear	35.2	37.1	38.9	37.6	-	1.5	2.3	1.7	1.3	-
303, 4	Reclaimed rubber, and rubber and plastics hose and belting	41.7	42.4	40.1	39.9	-	2.7	3.1	2.1	2.4	-
306	Fabricated rubber products, nec	40.0	40.8	39.6	39.5	-	2.5	3.0	2.2	2.1	-
307	Miscellaneous plastics products	40.4	40.7	39.6	39.4	-	3.0	3.3	2.7	2.6	-
31	LEATHER AND LEATHER PRODUCTS	36.3	37.4	35.6	35.1	35.5	1.3	1.5	1.2	1.2	-
311	Leather tanning and finishing	40.2	40.8	38.5	38.2	-	3.2	3.6	2.7	2.5	-
314	Footwear, except rubber	35.7	37.1	38.9	38.9	-	.7	1.2	1.0	1.1	-
3143	Men's footwear, except athletic	37.2	38.7	35.6	35.5	-	.8	1.3	.9	.8	-
3144	Women's footwear, except athletic	33.8	35.5	33.7	34.0	-	.7	1.1	.9	1.4	-
316	Luggage	37.6	39.1	38.4	38.5	-	1.0	1.5	1.0	.8	-
317	Handbags and personal leather goods	35.1	35.7	36.8	35.8	-	1.1	1.3	.9	.7	-
	TRANSPORTATION AND PUBLIC UTILITIES	39.3	39.3	39.2	39.2	39.1	-	-	-	-	-
	RAILROAD TRANSPORTATION										
4011	Class I railroads[3]	42.0	42.0	43.6	-	-	-	-	-	-	-
41	LOCAL AND INTERURBAN PASSENGER TRANSIT	33.5	34.5	33.3	33.2	-	-	-	-	-	-
411	Local and suburban transportation	39.1	39.2	39.2	38.5	-	-	-	-	-	-
413	Intercity highway transportation	34.2	35.8	33.9	34.3	-	-	-	-	-	-
42	TRUCKING AND WAREHOUSING	38.8	39.2	38.3	38.1	-	-	-	-	-	-
421, 3	Trucking and trucking terminals	38.9	39.2	38.5	38.4	-	-	-	-	-	-
422	Public warehousing	38.1	38.3	37.6	37.6	-	-	-	-	-	-
46	PIPE LINES, EXCEPT NATURAL GAS	42.9	42.0	42.7	44.3	-	-	-	-	-	-
48	COMMUNICATION	39.2	39.6	39.1	39.3	-	-	-	-	-	-
481	Telephone communication	40.0	39.9	39.-	39.5	-	-	-	-	-	-
4817	Switchboard operating employees	35.1	34.9	34.8	34.7	-	-	-	-	-	-
4818	Line construction employees[4]	43.0	42.1	42.1	41.9	-	-	-	-	-	-
483	Radio and television broadcasting	37.9	37.8	37.3	37.5	-	-	-	-	-	-
49	ELECTRIC, GAS, AND SANITARY SERVICES	41.5	41.6	41.1	41.5	-	-	-	-	-	-
491	Electric services	42.1	42.4	41.7	42.3	-	-	-	-	-	-
492	Gas production and distribution	40.9	40.6	40.6	40.8	-	-	-	-	-	-
493	Combination utility services	41.4	41.0	41.3	41.7	-	-	-	-	-	-
495	Sanitary services	41.0	41.2	40.6	43.7	-		-	-	-	-
	WHOLESALE AND RETAIL TRADE	32.1	32.0	31.6	31.7	31.9	-	-	-	-	-
50, 51	WHOLESALE TRADE	38.5	38.5	38.3	38.2	38.5	-	-	-	-	-
50	WHOLESALE TRADE-DURABLE GOODS	38.8	38.9	38.8	38.6	-	-	-	-	-	-
501	Motor vehicles and automotive equipment	38.6	38.7	38.1	38.2	-	-	-	-	-	-
502	Furniture and home furnishings	36.	37.2	37.2	37.1	-	-	-	-	-	-
503	Lumber and construction materials	38.9	38.9	38.2	39.2	-	-	-	-	-	-
504	Sporting goods, toys, and hobby goods	37.2	37.3	37.9	37.5	-	-	-	-	-	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry – Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Apr. 1981	May 1981	Mar. 1982	Apr. 1982P	May 1982P	Apr. 1981	May 1981	Mar. 1982	Apr. 1982P	May 1982P
	WHOLESALE TRADE DURABLE GOODS—Continued										
505	Metals and minerals, except petroleum	$349.20	$349.52	$353.31	$352.60	-	$8.67	$8.76	$8.99	$9.02	-
506	Electrical goods	306.59	303.81	329.33	329.55	-	7.83	7.81	8.38	8.45	-
507	Hardware, plumbing, and heating equipment	286.11	286.11	283.71	284.45	-	6.93	6.93	7.35	7.35	-
508	Machinery, equipment, and supplies	303.27	303.00	318.27	318.23	-	7.66	7.71	8.14	8.14	-
509	Miscellaneous durable goods	239.32	239.86	244.94	243.94	-	6.20	6.23	6.48	6.54	-
51	WHOLESALE TRADE NONDURABLE GOODS	283.11	284.26	331.22	331.49	-	7.47	7.52	7.99	8.05	-
511	Paper and paper products	309.32	311.33	327.38	330.97	-	8.36	8.46	8.73	8.59	-
512	Drugs, proprietaries, and sundries	291.86	293.23	311.95	317.86	-	7.91	7.99	8.57	8.78	-
513	Apparel, piece goods, and notions	249.64	249.75	262.90	263.19	-	6.72	6.75	7.20	7.25	-
514	Groceries and related products	286.24	286.98	303.53	305.85	-	7.48	7.48	8.03	8.07	-
516	Chemicals and allied products	345.15	342.38	363.48	362.23	-	8.85	8.87	9.32	9.36	-
517	Petroleum and petroleum products	358.00	354.88	379.93	383.90	-	8.95	9.03	9.57	9.67	-
518	Beer, wine, and distilled beverages	329.12	325.68	357.45	366.02	-	8.76	8.85	9.22	9.48	-
519	Miscellaneous nondurable goods	235.62	239.78	246.08	249.45	-	6.12	6.13	6.51	6.53	-
52-59	RETAIL TRADE	156.60	156.38	159.84	161.02	$163.25	5.22	5.22	5.43	5.44	$5.46
52	BUILDING MATERIALS AND GARDEN SUPPLIES	206.08	207.16	213.64	211.22	-	5.60	5.66	5.90	5.90	-
521	Lumber and other building materials	228.92	228.51	227.90	230.14	-	5.90	5.92	6.11	6.17	-
525	Hardware stores	167.15	169.85	176.55	177.79	-	4.96	5.07	5.27	5.26	-
53	GENERAL MERCHANDISE STORES	149.43	148.63	152.25	151.72	-	5.10	5.09	5.38	5.38	-
531	Department stores	154.18	153.36	157.36	157.08	-	5.28	5.27	5.58	5.59	-
533	Variety stores	122.66	121.35	121.41	123.11	-	4.13	4.17	4.29	4.26	-
539	Misc. general merchandise stores	127.75	128.59	126.44	128.62	-	4.23	4.23	4.36	4.36	-
54	FOOD STORES	213.15	211.67	218.04	218.46	-	6.81	6.85	7.13	7.21	-
541	Grocery stores	222.39	221.52	228.35	227.09	-	7.06	7.10	7.38	7.47	-
546	Retail bakeries	141.03	138.59	142.35	144.42	-	4.88	4.88	4.96	4.98	-
55	AUTOMOTIVE DEALERS AND SERVICE STATIONS	229.61	227.86	230.89	233.88	-	6.08	6.06	6.19	6.29	-
551, 2	New and used car dealers	273.72	268.33	274.74	279.54	-	7.05	6.98	7.23	7.33	-
553	Auto and home supply stores	226.64	229.07	230.22	242.61	-	5.61	5.67	5.77	6.02	-
554	Gasoline service stations	173.02	172.18	174.59	176.79	-	4.83	4.85	4.96	4.98	-
56	APPAREL AND ACCESSORY STORES	134.53	134.67	132.68	134.27	-	4.67	4.65	4.79	4.83	-
561	Men's and boys' clothing and furnishings	169.28	167.69	165.14	169.95	-	5.29	5.29	5.45	5.45	-
562	Women's ready-to-wear stores	117.39	116.04	119.17	118.01	-	4.30	4.33	4.48	4.47	-
565	Family clothing stores	128.29	125.35	133.36	134.04	-	4.47	4.45	4.78	4.77	-
566	Shoe stores	148.59	147.55	131.71	140.16	-	5.02	4.93	4.86	5.06	-
57	FURNITURE AND HOME FURNISHINGS STORES	199.28	201.48	210.52	212.78	-	5.81	5.84	6.21	6.24	-
571	Furniture and home furnishings stores	200.31	202.76	208.21	209.22	-	5.84	5.86	6.16	6.19	-
572	Household appliance stores	214.72	219.48	220.85	220.93	-	6.10	6.20	6.42	6.46	-
573	Radio, television, and music stores	187.04	185.48	211.42	217.22	-	5.55	5.55	6.20	6.26	-
58	EATING AND DRINKING PLACES	101.14	101.79	103.42	105.30	-	3.92	3.93	4.00	4.05	-
59	MISCELLANEOUS RETAIL	158.37	159.30	161.94	164.10	-	5.05	5.08	5.34	5.33	-
591	Drug stores and proprietary stores	136.10	135.25	142.93	145.21	-	4.64	4.68	4.98	4.99	-
596	Nonstore retailers	184.23	185.31	188.60	187.70	-	4.76	4.78	4.97	4.99	-
598	Fuel and ice dealers	194.70	198.32	199.47	198.56	-	5.90	5.92	6.10	6.11	-
599	Retail stores, nec	256.70	258.22	273.96	276.13	-	5.72	6.69	7.19	7.15	-
	FINANCE, INSURANCE, AND REAL ESTATE	170.84	171.20	174.56	176.46	-	5.01	5.05	5.41	5.38	-
60	BANKING	225.42	225.63	239.24	240.01	240.01	6.21	6.25	6.59	6.63	6.74
602	Commercial and stock savings banks	193.61	194.55	206.23	208.05	-	5.29	5.33	5.65	5.70	-
61	CREDIT AGENCIES OTHER THAN BANKS	190.32	191.63	202.99	205.33	-	5.20	5.25	5.56	5.61	-
612	Savings and loan associations	202.40	202.83	215.65	216.90	-	5.50	5.52	5.86	5.91	-
614	Personal credit institutions	189.40	187.72	198.38	198.72	-	5.19	5.20	5.48	5.52	-
63	INSURANCE CARRIERS	202.96	200.93	217.19	220.75	-	5.47	5.49	5.87	5.95	-
631	Life insurance	255.82	256.82	279.00	279.37	-	6.84	6.85	7.48	7.51	-
632	Medical service and health insurance	265.33	264.38	288.33	287.10	-	7.07	7.08	7.73	7.72	-
633	Fire, marine, and casualty insurance	239.91	240.45	264.16	264.21	-	6.33	6.46	6.97	7.08	-
		250.55	248.39	273.43	275.02	-	6.79	6.76	7.39	7.46	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry – Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Apr. 1981	May 1981	Mar. 1982	Apr. 1982P	May 1982P	Apr. 1981	May 1981	Mar. 1982	Apr. 1982P	May 1982P
	WHOLESALE TRADE DURABLE GOODS—Continued										
505	Metals and minerals, except petroleum	39.7	39.9	39.3	39.1	-	-	-	-	-	-
506	Electrical goods	38.9	38.9	39.3	39.0	-	-	-	-	-	-
507	Hardware, plumbing, and heating equipment	38.4	38.4	38.6	38.7	-	-	-	-	-	-
508	Machinery, equipment, and supplies	39.2	39.3	39.1	39.1	-	-	-	-	-	-
509	Miscellaneous durable goods	38.6	38.5	37.8	37.3	-	-	-	-	-	-
51	WHOLESALE TRADE NONDURABLE GOODS	37.9	37.8	37.7	37.7	-	-	-	-	-	-
511	Paper and paper products	37.0	36.8	37.5	36.9	-	-	-	-	-	-
512	Drugs, proprietaries, and sundries	36.9	36.7	36.4	36.2	-	-	-	-	-	-
513	Apparel, piece goods, and notions	37.0	37.0	36.5	36.3	-	-	-	-	-	-
514	Groceries and related products	38.0	38.3	37.8	37.9	-	-	-	-	-	-
516	Chemicals and allied products	39.3	38.6	39.0	38.7	-	-	-	-	-	-
517	Petroleum and petroleum products	40.3	39.3	39.7	39.7	-	-	-	-	-	-
518	Beer, wine, and distilled beverages	37.0	36.8	35.9	36.5	-	-	-	-	-	-
519	Miscellaneous nondurable goods	38.5	38.3	37.8	38.2	-	-	-	-	-	-
52-59	RETAIL TRADE	30.0	29.9	29.4	29.6	29.7	-	-	-	-	-
52	BUILDING MATERIALS AND GARDEN SUPPLIES	36.8	36.8	35.7	35.8	-	-	-	-	-	-
521	Lumber and other building materials	38.8	38.6	37.3	37.3	-	-	-	-	-	-
525	Hardware stores	33.7	33.5	33.5	33.8	-	-	-	-	-	-
53	GENERAL MERCHANDISE STORES	29.3	29.2	28.3	28.2	-	-	-	-	-	-
531	Department stores	29.2	29.1	28.2	28.1	-	-	-	-	-	-
533	Variety stores	29.7	29.1	28.3	28.9	-	-	-	-	-	-
539	Miscellaneous merchandise stores	30.2	30.4	29.0	29.5	-	-	-	-	-	-
54	FOOD STORES	31.3	30.9	30.3	30.3	-	-	-	-	-	-
541	Grocery stores	31.5	31.2	30.4	30.4	-	-	-	-	-	-
546	Retail bakeries	28.9	28.4	28.7	28.8	-	-	-	-	-	-
55	AUTOMOTIVE DEALERS AND SERVICE STATIONS	37.6	37.6	37.3	37.5	-	-	-	-	-	-
551, 3	New and used car dealers	38.4	38.4	38.0	38.0	-	-	-	-	-	-
553	Auto and home supply stores	40.4	40.4	39.9	40.3	-	-	-	-	-	-
554	Gasoline service stations	35.2	35.5	35.2	35.5	-	-	-	-	-	-
56	APPAREL AND ACCESSORY STORES	28.8	28.1	27.7	27.8	-	-	-	-	-	-
561	Men's and boys' clothing and furnishings	32.0	31.7	30.3	31.0	-	-	-	-	-	-
562	Women's ready-to-wear stores	27.3	26.8	26.6	26.4	-	-	-	-	-	-
565	Family clothing stores	28.7	28.1	27.9	28.1	-	-	-	-	-	-
566	Shoe stores	29.6	27.9	27.1	27.7	-	-	-	-	-	-
57	FURNITURE AND HOME FURNISHINGS STORES	34.3	34.5	33.9	34.1	-	-	-	-	-	-
571	Furniture and home furnishings stores	34.3	34.6	33.8	33.8	-	-	-	-	-	-
572	Household appliance stores	35.2	35.4	34.4	34.2	-	-	-	-	-	-
573	Radio, television, and music stores	33.7	33.6	34.1	34.7	-	-	-	-	-	-
58	EATING AND DRINKING PLACES	25.8	25.9	25.6	26.0	-	-	-	-	-	-
59	MISCELLANEOUS RETAIL	31.3	31.3	30.7	30.8	-	-	-	-	-	-
591	Drug stores and proprietary stores	28.9	28.9	28.7	29.1	-	-	-	-	-	-
594	Miscellaneous shopping goods stores	30.3	30.4	29.9	29.6	-	-	-	-	-	-
596	Nonstore retailers	33.3	33.5	32.7	32.5	-	-	-	-	-	-
598	Fuel and ice dealers	38.2	38.0	38.1	38.2	-	-	-	-	-	-
599	Retail stores, nec	34.1	33.9	33.9	32.8	-	-	-	-	-	-
	FINANCE, INSURANCE, AND REAL ESTATE	36.3	36.1	36.3	36.2	36.5	-	-	-	-	-
60	BANKING	36.6	36.5	36.5	36.5	-	-	-	-	-	-
602	Commercial and stock savings banks	36.9	36.5	36.5	36.6	-	-	-	-	-	-
61	CREDIT AGENCIES OTHER THAN BANKS	36.8	36.6	36.8	36.7	-	-	-	-	-	-
612	Savings and loan associations	36.3	36.1	36.2	36.0	-	-	-	-	-	-
614	Personal credit institutions	37.1	36.6	37.0	37.1	-	-	-	-	-	-
63	INSURANCE CARRIERS	37.4	37.2	37.3	37.2	-	-	-	-	-	-
631	Life insurance	37.5	37.3	37.3	37.2	-	-	-	-	-	-
632	Medical service and health insurance	37.9	37.5	37.9	37.6	-	-	-	-	-	-
633	Fire, marine, and casualty insurance	36.9	36.7	37.0	37.0	-	-	-	-	-	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry – Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Apr. 1981	May 1981	Mar. 1982	Apr. 1982P	May 1982P	Apr. 1981	May 1981	Mar. 1982	Apr. 1982P	May 1982P
	SERVICES	$205.39	$206.05	$220.03	$221.33	$222.80	$6.30	$6.34	$6.77	$6.81	$6.84
	HOTELS AND OTHER LODGING PLACES										
70	Hotels, motels, and tourist courts	145.75	148.46	149.99	149.69	-	4.76	4.82	4.95	4.94	-
	PERSONAL SERVICES										
721	Laundry, cleaning, and garment services	162.74	162.24	166.98	167.82	-	4.80	4.80	5.06	5.07	-
723	Beauty shops	145.04	140.40	148.78	149.38	-	4.74	4.66	4.75	4.85	-
73	BUSINESS SERVICES	209.93	211.89	223.67	224.96	-	6.42	6.46	6.84	6.90	-
731	Advertising	311.66	311.30	319.15	324.18	-	8.73	8.72	8.89	9.03	-
734	Services to buildings	147.15	149.60	148.83	148.86	-	5.41	5.46	5.49	5.56	-
737	Computer and data processing services	288.77	293.18	311.81	313.90	-	7.68	7.86	8.45	8.54	-
75	AUTO REPAIR, SERVICES, AND GARAGES	240.41	240.41	252.00	255.61	-	6.36	6.36	6.74	6.78	-
753	Automotive repair shops	263.13	267.34	280.86	284.26	-	6.84	6.82	7.22	7.27	-
76	MISCELLANEOUS REPAIR SERVICES	290.69	297.97	305.71	302.13	-	7.57	7.66	7.92	7.95	-
78	MOTION PICTURES										
783	Motion picture production and services	226.23	215.06	250.97	224.77	-	8.41	8.29	9.69	8.78	-
		449.32	442.60	479.89	451.22	-	14.31	13.74	14.24	13.55	-
79	AMUSEMENT AND RECREATION SERVICES	181.83	176.32	178.89	191.95	-	6.06	6.08	6.19	6.21	-
80	HEALTH SERVICES										
801	Offices of physicians	202.41	204.05	222.03	224.35	-	6.19	6.24	6.79	6.84	-
802	Offices of dentists	209.95	207.69	211.52	212.77	-	6.46	6.45	6.61	6.67	-
805	Nursing and personal care facilities	175.46	177.84	186.12	186.30	-	6.20	6.27	6.60	6.56	-
806	Hospitals	138.74	138.60	147.73	150.24	-	4.49	4.50	4.75	4.80	-
		229.08	226.45	249.50	250.86	-	6.61	6.68	7.36	7.40	-
81	LEGAL SERVICES	271.17	271.10	290.49	294.10	-	7.85	7.95	8.42	8.53	-
89	MISCELLANEOUS SERVICES										
891	Engineering and architectural services	354.24	349.10	383.96	398.05	-	9.13	9.26	9.82	9.95	-
893	Accounting, auditing, and bookkeeping	389.22	387.00	426.21	428.93	-	9.98	10.00	10.79	10.97	-
		303.60	287.61	322.38	328.25	-	7.59	7.69	8.10	8.17	-

For coverage of series, see footnote 1, table B-2.

Beginning January 1978, data relate to line haul railroads with operating revenues of $50 000 000 or more.

[1] Data relate to employees in such occupations in the telephone industry as switchboard operators, service assistants, operating room instructors, and pay-station attendants. In 1977, such employees made up 20 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.

[2] Data relate to employees in such occupations in the telphone industry as central office craft persons, installation and exchange repair craft persons, line, cable and conduit craft persons, and laborers. In 1977, such employees made up 37 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.

* Money payments only; tips, not included.

** Data for nonoffice sales agents excluded from all series in this division.

– Data not available.

p = preliminary.

Note: In accordance with usual practice, BLS has revised establishment survey data to reflect a new benchmark and updated seasonal adjustment factors. Because of these revisions, data in this table may differ from data published earlier. See article in this issue for additional information.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry – Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Apr. 1981	May 1981	Mar. 1982	Apr. 1982P	May 1982P	Apr. 1981	May 1981	Mar. 1982	Apr. 1982P	May 1982P
	SERVICES	32.6	32.5	32.5	32.5	32.5	-	-	-	-	-
	HOTELS AND OTHER LODGING PLACES										
701	Hotels, motels, and tourist courts[1]	30.2	30.8	30.3	30.3	-	-	-	-	-	-
	PERSONAL SERVICES										
721	Laundry, cleaning, and garment services	33.9	33.8	33.0	33.1	-	-	-	-	-	-
723	Beauty shops[1]	30.6	30.0	30.9	30.8	-	-	-	-	-	-
73	BUSINESS SERVICES	32.7	32.8	32.7	32.6	-	-	-	-	-	-
731	Advertising	35.9	35.7	35.9	35.9	-	-	-	-	-	-
734	Services to buildings	27.2	27.4	26.6	26.3	-	-	-	-	-	-
737	Computer and data processing services	37.6	37.3	36.9	37.3	-	-	-	-	-	-
75	AUTO REPAIR, SERVICES, AND GARAGES	37.6	37.8	37.4	37.7	-	-	-	-	-	-
753	Automotive repair shops	39.2	39.2	38.9	39.1	-	-	-	-	-	-
76	MISCELLANEOUS REPAIR SERVICES	38.4	38.9	38.6	38.0	-	-	-	-	-	-
78	MOTION PICTURES	26.9	26.1	25.9	25.6	-	-	-	-	-	-
781	Motion picture production and services	36.5	37.7	33.7	33.3	-	-	-	-	-	-
79	AMUSEMENT AND RECREATION SERVICES	30.0	29.0	28.9	29.3	-	-	-	-	-	-
80	HEALTH SERVICES	32.7	32.7	32.7	32.8	-	-	-	-	-	-
801	Offices of physicians	32.5	32.2	32.0	31.9	-	-	-	-	-	-
802	Offices of dentists	28.3	28.3	28.2	28.4	-	-	-	-	-	-
805	Nursing and personal care facilities	30.9	30.8	31.1	31.3	-	-	-	-	-	-
806	Hospitals	33.9	33.9	33.9	33.9	-	-	-	-	-	-
81	LEGAL SERVICES	34.5	34.1	34.5	34.6	-	-	-	-	-	-
89	MISCELLANEOUS SERVICES	38.8	37.7	39.1	39.0	-	-	-	-	-	-
891	Engineering and architectural services	39.3	38.7	39.5	39.1	-	-	-	-	-	-
893	Accounting, auditing, and bookkeeping	40.0	37.4	39.8	40.3	-	-	-	-	-	-

ESTABLISHMENT DATA
HOURS AND EARINGS

C-3. Average hourly earnings excluding overtime of production workers on manufacturing payrolls by industry

Major industry group	Average hourly earnings excluding overtime[1]				
	Apr. 1981	May 1981	Mar. 1982	Apr. 1982P	May 1982P
MANUFACTURING	$7.63	$7.64	$8.13	$8.18	$8.21
DURABLE GOODS					
Lumber and wood products	8.14	8.17	8.68	8.71	8.76
Furniture and fixtures	6.59	6.69	7.08	7.06	-
Stone, clay, and glass products	5.67	5.70	6.10	6.11	-
Primary metal industries	7.75	7.82	8.30	8.36	-
Fabricated metal products	10.35	10.27	10.88	10.96	-
Machinery, except electrical	7.80	7.86	8.41	8.49	-
Electric and electronic equipment	8.34	8.39	8.90	8.96	-
Transportation equipment	7.29	7.33	7.83	7.87	-
Instruments and related products	9.83	9.88	10.58	10.56	-
Miscellaneous manufacturing industries	7.07	7.10	7.82	7.92	-
NONDURABLE GOODS	5.77	5.78	6.19	6.24	-
Food and kindred products	6.85	6.85	7.36	7.42	7.41
Tobacco manufactures	7.05	7.09	7.49	7.60	-
Textile mill products	8.79	8.80	9.61	9.87	-
Apparel and other textile products	5.18	5.18	5.60	5.64	-
Paper and allied products	4.88	4.89	5.06	5.12	-
Printing and publishing	7.97	8.00	8.62	8.70	-
Chemicals and allied products	7.79	7.83	8.33	8.37	-
Petroleum and coal products	8.62	8.65	9.40	9.48	-
Rubber and misc. plastics products	10.92	10.78	11.87	11.95	-
Leather and leather products	6.82	6.86	7.42	7.30	-
	4.87	4.85	5.15	5.22	-

[1] Derived by assuming that overtime hours are paid at the rate of time and one-half.

P = preliminary.

NOTE: In accordance with usual practice, BLS has revised establishment survey data to reflect a new benchmark and updated seasonal adjustment factors. Because of these revisions, data in this table may differ from data published earlier. See article in this issue for additional information.

C-4. Gross average weekly earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division, in current and constant (1977) dollars

Industry	Apr. 1981	May 1981	Mar. 1982	Apr. 1982P	May 1982P
TOTAL PRIVATE:					
Current dollars	$250.98	$252.38	$261.99	$261.92	$265.59
Constant (1977) dollars	170.73	170.18	168.37	167.58	-
MINING:					
Current dollars	428.35	424.95	465.16	454.76	455.18
Constant (1977) dollars	288.00	286.55	298.95	290.95	-
CONSTRUCTION:					
Current dollars	387.39	391.09	419.21	411.72	426.75
Constant (1977) dollars	263.53	263.72	269.42	263.42	-
MANUFACTURING:					
Current dollars	312.84	317.59	327.27	325.47	329.55
Constant (1977) dollars	212.82	214.15	210.33	208.23	-
TRANSPORTATION AND PUBLIC UTILITIES:					
Current dollars	374.14	376.10	392.73	398.29	396.47
Constant (1977) dollars	254.52	253.61	252.40	252.26	-
WHOLESALE AND RETAIL TRADE:					
Current dollars	188.43	188.48	194.66	195.91	197.46
Constant (1977) dollars	128.18	127.09	125.10	125.34	-
FINANCE, INSURANCE, AND REAL ESTATE:					
Current dollars	225.42	225.63	239.22	240.01	246.01
Constant (1977) dollars	153.35	152.14	153.74	153.56	-
SERVICES:					
Current dollars	205.38	206.05	220.03	221.33	222.30
Constant (1977) dollars	139.71	138.94	141.41	141.61	-

[1] For coverage of series, see footnote 1, table B-2.

P = preliminary.

NOTE: In accordance with usual practice, BLS has revised establishment survey data to reflect a new benchmark and updated seasonal adjustment factors. Because of these revisions, data in this table may differ from data published earlier. See article in this issue for additional information.

C-5. Indexes of aggregate weekly hours and payrolls of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division and major manufacturing group

(1977=100)

Industry division and group	Apr. 1981	May 1981	Mar. 1982	Apr. 1982p	May 1982p
	Hours				
TOTAL PRIVATE	107.1	107.9	103.7	103.7	105.0
GOODS-PRODUCING	100.1	101.9	91.9	90.8	92.5
MINING	114.1	116.9	139.6	135.2	133.0
CONSTRUCTION	107.6	111.0	91.7	94.2	102.1
MANUFACTURING	98.1	99.5	89.7	88.0	88.8
DURABLE GOODS	99.4	100.5	89.1	87.0	87.6
Lumber and wood products	89.6	93.2	74.1	75.0	77.9
Furniture and fixtures	96.9	97.9	89.3	87.2	86.8
Stone, clay, and glass products	91.9	93.5	78.2	79.6	81.8
Primary metal industries	95.7	94.5	77.3	74.3	72.6
Fabricated metal products	97.0	98.4	86.8	84.5	84.7
Machinery, except electrical	109.8	110.7	102.6	98.5	97.1
Electric and electronic equipment	105.2	106.2	98.8	97.2	98.2
Transportation equipment	94.3	95.9	82.3	80.4	83.4
Instruments and related products	112.2	113.4	109.0	106.4	107.8
Miscellaneous manufacturing industries	89.5	90.8	85.1	83.0	82.5
NONDURABLE GOODS	96.1	98.0	9 7	89.5	90.5
Food and kindred products	93.1	95.5	91.1	88.9	92.0
Tobacco manufactures	85.4	87.6	85.3	79.8	79.3
Textile mill products	88.1	90.3	76.6	77.2	76.6
Apparel and other textile products	93.1	96 3	87.9	84.8	85.8
Paper and allied products	98.6	99.3	93.1	93.2	92.5
Printing and publishing	106.1	106.5	107.2	105.7	105.1
Chemicals and allied products	101.9	102.2	96.1	95.6	96.7
Petroleum and coal products	105.7	107.3	90.9	92.4	95.9
Rubber and misc. plastics products	100.3	102.5	92.7	92.6	93.7
Leather and leather products	88.5	93.0	78.5	78.0	80.3
SERVICE PRODUCING	111.0	111.3	110.2	110.9	111.9
TRANSPORTATION AND PUBLIC UTILITIES	104.5	104.9	101.8	101.6	102.1
WHOLESALE AND RETAIL TRADE	105.0	105.5	103.0	104.0	105.8
WHOLESALE TRADE	111.0	111.4	109.4	109.0	110.0
RETAIL TRADE	102.7	103.2	100.5	102.1	104.2
FINANCE, INSURANCE, AND REAL ESTATE	116.7	116.8	115.4	116.4	117.6
SERVICES	118.9	118.9	120.1	121.0	121.0

[1] For coverage of series, see footnote 1, table B-2.
p = preliminary

NOTE: In accordance with usual practice, BLS has revised establishment survey data to reflect a new benchmark and updated seasonal adjustment factors. Because of these revisions, data in this table may differ from data published earlier. See article in this issue for additional information.

C-5. Indexes of aggregate weekly hours and payrolls of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division and major manufacturing group – Continued

(1977=100)

Industry division and group	Apr. 1981	May 1981	Mar. 1982	Apr. 1982P	May 1982P
	Payrolls				
TOTAL PRIVATE	145.5	147.5	144.3	149.6	152.3
GOODS PRODUCING	137.7	141.1	134.9	133.8	137.6
MINING	159.5	163.1	213.6	207.4	205.2
CONSTRUCTION	139.3	144.7	129.2	131.1	143.4
MANUFACTURING	136.1	138.8	132.2	130.3	132.1
DURABLE GOODS	137.9	140.4	131.3	128.3	130.2
[illegible]	120.0	126.6	105.8	106.8	112.5
[illegible]	129.3	131.7	127.8	124.9	124.8
[illegible]	128.4	131.9	116.4	119.5	123.4
[illegible]	139.1	138.3	116.4	112.8	110.5
[illegible]	132.2	135.9	127.3	124.4	125.7
[illegible]	151.7	154.9	153.5	144.7	143.4
[illegible]	145.9	148.0	146.8	144.7	147.3
[illegible]	132.3	135.9	122.9	120.0	126.2
[illegible]	153.4	156.4	144.9	142.5	146.4
[illegible]	121.0	123.2	123.3	120.9	121.0
NONDURABLE GOODS	133.0	136.1	134.3	133.9	135.4
[illegible]	127.4	131.8	132.1	130.6	134.8
[illegible]	137.5	143.2	149.6	144.0	141.3
[illegible]	118.4	122.2	110.7	112.1	111.0
[illegible]	126.9	131.4	124.8	121.2	122.0
[illegible]	138.4	140.2	141.0	142.6	142.3
[illegible]	138.9	140.5	150.4	148.4	148.3
[illegible]	141.8	142.9	145.2	145.6	146.9
[illegible]	154.2	154.8	143.0	147.4	152.4
[illegible]	137.3	141.2	133.5	134.7	136.4
[illegible]	121.1	127.8	114.0	114.8	117.9
SERVICE PRODUCING	151.1	152.1	159.3	160.7	162.7
TRANSPORTATION AND PUBLIC UTILITIES	142.4	143.5	146.6	147.0	148.1
WHOLESALE AND RETAIL TRADE	144.1	145.1	148.4	150.2	153.1
WHOLESALE TRADE	153.5	154.8	160.8	160.9	163.3
RETAIL TRADE	139.1	139.9	141.7	144.4	147.6
FINANCE, INSURANCE, AND HEAL ESTATE	159.5	160.7	168.7	169.8	174.6
SERVICES	161.1	162.1	174.9	177.2	177.9

C-6. Average weekly hours of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division and major manufacturing group, seasonally adjusted

Industry	1981								1982				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May p
TOTAL PRIVATE	35.4	35.2	35.3	35.2	35.0	35.1	35.1	35.0	34.8	35.0	34.9	34.9	35.0
MINING	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
CONSTRUCTION	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
MANUFACTURING	40.2	40.1	40.0	39.9	39.4	39.5	39.3	39.1	37.6	39.4	39.0	39.3	39.1
Overtime hours	3.1	3.0	3.0	3.0	2.7	2.7	2.5	2.4	2.3	2.4	2.3	2.4	2.4
DURABLE GOODS	40.7	40.5	40.5	40.4	39.7	40.0	39.7	39.5	38.2	39.8	39.5	39.5	39.6
Overtime hours	3.1	3.0	3.0	3.0	2.7	2.6	2.4	2.3	2.2	2.2	2.2	2.2	2.3
Lumber and wood products	39.6	38.9	38.7	38.4	37.6	37.8	37.7	37.7	35.0	37.9	37.6	37.6	37.9
Furniture and fixtures	38.8	38.8	38.6	38.4	37.4	38.0	37.6	37.9	34.6	37.7	37.3	37.4	37.4
Stone, clay, and glass products	40.9	42.7	40.8	40.7	40.3	40.1	40.1	39.7	38.6	40.1	40.0	40.1	40.2
Primary metal industries	41.1	40.9	40.7	40.8	40.6	40.0	39.8	39.2	38.3	39.4	38.8	38.6	38.8
Fabricated metal products	40.8	40.6	40.5	40.4	39.8	40.0	39.7	39.5	38.1	39.7	39.5	39.4	39.4
Machinery, except electrical	41.4	41.1	41.2	41.1	40.3	40.8	40.7	40.4	39.3	40.7	40.2	40.1	40.2
Electric and electronic equipment	40.3	40.2	40.4	40.3	39.7	39.8	39.4	39.5	38.3	39.8	39.4	39.3	39.5
Transportation equipment	41.6	41.4	41.2	41.2	40.1	40.6	40.4	39.7	39.0	40.5	40.4	41.1	41.3
Instruments and related products	40.4	40.4	40.5	40.6	40.4	40.3	40.2	39.9	39.0	39.9	39.9	39.9	40.4
Miscellaneous manufacturing	39.1	39.0	39.3	38.9	38.4	38.9	39.0	38.5	37.3	38.6	38.6	38.4	38.3
NONDURABLE GOODS	39.4	39.4	39.2	39.2	38.9	38.9	38.7	38.6	38.8	38.9	38.5	38.4	38.4
Overtime hours	2.9	2.9	2.9	2.9	2.8	2.8	2.7	2.6	2.5	2.6	2.5	2.6	2.5
Food and kindred products	39.7	39.7	39.5	39.4	39.3	39.5	39.5	39.6	39.1	40.2	39.5	39.4	39.3
Tobacco manufactures	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Textile mill products	40.2	40.1	40.1	39.8	38.8	39.0	38.7	37.8	32.3	38.3	37.6	37.8	37.8
Apparel and other textile products	35.7	35.9	35.8	35.8	35.2	35.5	35.5	35.1	31.4	35.5	35.0	34.7	34.8
Paper and allied products	42.8	42.7	42.7	42.5	43.0	42.6	42.0	41.8	41.3	42.3	41.8	42.1	41.8
Printing and publishing	37.4	37.4	37.3	37.3	37.1	37.1	37.1	37.1	36.9	37.4	37.1	37.1	36.9
Chemicals and allied products	41.6	41.7	41.7	41.7	42.2	41.5	41.2	41.3	41.0	41.2	40.7	40.7	41.1
Petroleum and coal products	43.6	43.4	43.1	42.9	43.1	42.2	42.5	42.7	44.3	43.5	43.5	42.6	42.7
Rubber and miscellaneous plastics products	41.1	40.9	40.5	40.5	39.7	39.9	39.6	39.4	37.9	40.0	39.6	39.8	40.1
Leather and leather products	37.0	37.1	36.4	36.7	36.2	36.7	36.5	36.1	34.1	35.6	35.8	35.5	35.1
TRANSPORTATION AND PUBLIC UTILITIES	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
WHOLESALE AND RETAIL TRADE	32.2	32.1	32.2	32.2	32.1	32.0	32.1	32.0	31.7	32.0	31.9	31.8	32.1
WHOLESALE TRADE	38.6	38.5	38.6	38.6	38.5	38.4	38.5	38.4	38.1	38.5	38.4	38.3	38.6
RETAIL TRADE	30.2	30.0	30.1	30.1	30.1	29.9	30.0	29.9	29.7	29.9	29.8	29.8	30.1
FINANCE, INSURANCE, AND REAL ESTATE	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
SERVICES	32.7	32.5	32.6	32.5	32.5	32.6	32.6	32.6	32.5	32.6	32.6	32.7	32.7

[1] For coverage of series, see footnote 1, table B-2.

[2] This series is not published seasonally adjusted since the seasonal component is small relative to the trend-cycle and/or irregular components and consequently cannot be separated with sufficient precision.

p preliminary.

Note: In accordance with usual practice, BLS has revised establishment survey data to reflect a new benchmark and updated seasonal adjustment factors. Because of these revisions, data in this table may differ from data published earlier. See article in this issue for additional information.

ESTABLISHMENT DATA
SEASONALLY ADJUSTED

C-7. Indexes of aggregate weekly hours of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division and major manufacturing group, seasonally adjusted

(1977=100)

Industry division and group	1981								1982				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr. p	May
TOTAL PRIVATE	108.5	108.2	108.8	108.5	107.8	107.7	107.3	106.3	104.2	106.2	105.6	105.0	105.5
GOODS PRODUCING	102.3	102.1	102.6	102.0	99.8	99.7	98.4	96.3	91.4	95.6	93.9	92.6	92.9
MINING	146.2	141.7	140.6	142.9	142.7	141.9	145.8	145.5	141.6	143.7	142.6	140.2	139.5
CONSTRUCTION	110.5	107.6	108.8	107.4	102.4	100.1	100.9	104.2	99.8	102.9	101.1	98.8	101.8
MANUFACTURING	100.0	99.6	99.7	99.0	97.3	99.4	94.6	92.5	88.0	91.9	90.3	89.2	89.1
DURABLE GOODS	100.8	100.3	100.3	99.6	97.4	99.4	94.0	91.4	87.3	90.6	89.1	87.7	87.9
	93.6	92.6	89.8	87.3	84.7	81.0	79.2	77.2	73.9	77.5	76.1	77.1	78.3
	99.4	99.7	99.7	98.7	95.6	95.9	93.1	92.6	88.9	90.0	88.3	87.6	88.1
	94.6	94.2	92.0	91.5	90.1	88.2	86.6	83.9	79.3	82.4	81.1	80.4	81.1
	94.6	94.1	93.3	93.4	92.3	88.6	85.4	81.9	78.5	79.7	77.1	73.8	72.6
	99.2	98.4	98.7	97.8	95.4	94.2	91.8	89.3	85.1	88.1	87.0	85.7	85.4
	111.4	111.1	111.7	111.9	109.6	112.4	108.7	106.2	101.6	104.4	101.5	98.4	97.5
	107.1	106.8	107.8	107.6	105.7	104.9	101.5	99.6	97.2	100.4	98.6	98.0	98.9
	94.9	94.7	93.4	91.6	88.2	87.6	85.4	80.7	78.3	81.8	81.7	81.2	82.7
	113.6	113.6	114.0	114.7	114.1	113.0	111.7	110.6	107.3	109.3	108.5	107.4	108.3
	91.6	91.5	93.7	91.4	90.5	91.1	91.0	89.3	84.8	86.8	86.2	84.0	83.2
NONDURABLE GOODS	98.9	98.6	98.6	98.1	97.2	98.5	95.4	94.1	89.0	93.8	92.0	91.5	91.4
	99.5	98.4	98.4	98.7	96.3	97.4	97.3	97.7	95.6	98.9	96.8	95.4	95.8
	97.6	97.1	101.7	104.0	98.3	98.1	94.6	92.1	93.6	94.6	93.6	89.4	87.7
	98.2	98.1	98.8	99.3	87.9	85.8	83.9	80.7	87.7	79.9	76.5	78.5	76.7
	95.4	95.3	95.3	95.3	93.4	93.3	92.7	90.5	79.6	90.0	87.7	85.3	85.4
	100.4	100.0	100.1	99.5	101.6	98.3	95.6	95.2	93.7	95.4	93.9	94.2	93.3
	106.9	106.9	106.8	107.0	106.7	106.8	106.5	106.5	105.0	107.2	106.7	106.2	105.5
	101.9	102.3	102.2	102.4	103.2	100.9	99.5	96.9	97.6	97.6	96.8	95.5	96.8
	107.7	105.2	104.5	102.5	102.9	100.1	100.0	99.7	99.7	96.1	96.1	93.6	95.9
	103.6	103.6	103.3	103.0	100.6	99.0	96.5	94.3	90.0	94.0	92.3	93.5	94.6
	90.9	91.1	91.2	91.0	88.3	90.1	88.3	85.1	79.1	79.5	79.5	79.3	78.4
SERVICE PRODUCING	111.9	111.6	112.1	112.1	112.2	112.1	112.2	111.8	111.4	112.1	112.0	111.9	112.4
TRANSPORTATION AND PUBLIC UTILITIES	105.6	105.7	105.8	105.2	105.2	104.2	104.4	103.6	102.8	103.7	103.3	103.2	102.8
WHOLESALE AND RETAIL TRADE	106.5	106.1	106.7	106.9	106.8	106.2	106.3	105.4	105.2	106.3	105.9	105.5	106.7
WHOLESALE TRADE	112.0	111.7	112.3	112.4	112.0	111.6	111.8	111.0	109.7	110.7	110.2	109.4	110.5
RETAIL TRADE	104.3	104.0	104.6	104.8	104.9	104.1	104.3	103.3	103.4	104.6	104.2	103.9	105.2
FINANCE, INSURANCE, AND REAL ESTATE	117.3	117.2	117.6	117.9	117.4	117.6	117.4	117.4	116.9	116.8	117.1	116.8	116.2
SERVICES	119.2	118.7	119.4	119.3	119.6	120.4	120.6	120.8	120.3	120.9	121.1	121.4	121.2

1. For coverage of series, see footnote 1, table B-2.
p = preliminary

Note: In accordance with usual practice, BLS has revised establishment survey data to reflect a new benchmark and updated seasonal adjustment factors. Because of these revisions, data in this table may differ from data published earlier. See article in this issue for additional information.

C-8. Hourly Earnings Index and average hourly and weekly earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls, seasonally adjusted

Industry	1981								1982			
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr. p	May p
	Hourly Earnings Index[2] (1977=100)												
TOTAL PRIVATE (in current dollars)	137.6	138.4	139.1	140.5	141.4	142.0	143.3	143.5	144.9	145.0	145.6	146.2	147.4
MINING	145.8	147.4	149.0	149.5	151.7	151.4	153.4	153.4	156.2	156.0	156.0	156.5	157.6
CONSTRUCTION	129.9	130.9	132.2	132.8	133.5	134.7	135.7	136.6	139.9	137.9	138.1	138.3	139.0
MANUFACTURING	140.6	141.5	142.4	143.5	144.7	145.4	146.4	146.9	148.9	149.1	149.9	150.7	151.6
TRANSPORTATION AND PUBLIC UTILITIES	138.7	139.6	139.0	141.6	141.5	142.3	143.5	144.3	145.5	146.0	146.3	146.3	147.5
WHOLESALE AND RETAIL TRADE	137.2	137.6	138.4	139.7	141.0	140.5	141.3	141.7	142.1	142.5	142.8	143.7	144.8
FINANCE, INSURANCE, AND REAL ESTATE	136.8	137.1	137.8	140.1	140.4	141.4	142.6	142.0	143.1	143.3	143.8	144.7	147.5
SERVICES	135.9	136.7	137.4	139.2	139.7	140.9	142.2	142.6	143.4	143.7	143.9	145.2	146.5
TOTAL PRIVATE (in 1977 dollars)[3]	93.0	92.9	92.2	92.5	92.1	92.1	92.3	92.3	92.9	92.8	93.3	93.7	-
	Average hourly earnings												
TOTAL PRIVATE	$7.19	$7.23	$7.27	$7.34	$7.37	$7.40	$7.45	$7.46	$7.52	$7.53	$7.54	$7.58	$7.63
MINING	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
CONSTRUCTION	10.64	10.73	10.82	10.90	10.95	11.06	11.14	11.22	11.52	11.34	11.39	11.39	11.46
MANUFACTURING	7.94	7.99	8.03	8.09	8.14	8.18	8.23	8.28	8.38	8.34	8.37	8.43	8.48
TRANSPORTATION AND PUBLIC UTILITIES	9.64	9.70	9.68	9.84	9.86	9.89	9.97	10.02	10.09	10.13	10.15	10.15	10.21
WHOLESALE AND RETAIL TRADE	5.89	5.91	5.94	5.98	6.03	6.03	6.06	5.08	6.09	6.10	6.12	6.16	6.19
FINANCE, INSURANCE, AND REAL ESTATE	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
SERVICES	6.34	6.39	6.42	6.51	6.56	6.58	6.63	6.65	6.71	6.72	6.72	6.80	6.84
	Average weekly earnings												
TOTAL PRIVATE													
Current dollars	258.53	259.50	256.63	258.37	257.95	259.74	261.50	261.10	258.69	263.55	263.15	264.58	267.05
1977 dollars[3]	171.98	170.92	170.18	170.09	168.05	168.44	168.82	167.91	165.93	168.62	168.79	169.47	-

[1] For coverage of series, see footnote 1, table B-2.

[2] The index excludes effects of two types of changes that are unrelated to underlying wage-rate developments. Fluctuations in overtime premiums in manufacturing (the only sector for which overtime data are available) and the effects of changes in the proportion of workers in high-wage and low-wage industries.

[3] The unadjusted data are shown because the seasonal component is small relative to the trend-cycle and/or irregular components and consequently cannot be separated with sufficient precision.

[4] The deflator for these series is derived from the Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W).

[5] See footnote 2, table C-6.

p = preliminary.

NOTE: See note on table C-7.

C-9. Hours of wage and salary workers[1] in nonagricultural establishments by industry division

Industry division	Millions of hours (Annual rate)[2]			Percent change		
	March R1982	April R1982	May P1982	May 1981 to May 1982	Mar. 1982 to Apr. 1982	Apr. 1982 to May. 1982
TOTAL	168,578	167,404	167,727	-1.7	-0.7	0.2
PRIVATE SECTOR	137,168	136,020	136,404	-2.0	-0.8	0.3
MINING	2,780	2,662	2,564	13.5	-4.2	-3.7
CONSTRUCTION	7,673	7,368	7,528	-6.5	-4.0	2.2
MANUFACTURING	39,549	38,983	39,011	-7.7	-1.4	0.1
DURABLE GOODS	23,834	23,398	23,412	-9.0	-1.8	0.1
NONDURABLE GOODS	15,715	15,585	15,599	-5.6	-0.8	0.1
TRANSPORTATION AND PUBLIC UTILITIES	10,417	10,394	10,324	-2.3	-0.2	-0.7
WHOLESALE AND RETAIL TRADE	34,408	34,327	34,586	0.3	-0.2	0.8
FINANCE, INSURANCE, AND REAL ESTATE	10,082	10,038	10,154	1.5	-0.4	1.2
SERVICES	32,259	32,248	32,238	2.2	0.0	0.0
GOVERNMENT	31,410	31,383	31,322	-0.6	-0.1	-0.2

[1] Data refer to hours of all employees—production workers, nonsupervisory workers and salaried workers—and are based largely on establishment data. See *BLS Handbook of Methods for Surveys and Studies*, BLS Bulletin 1910—Chapter 30, Productivity Measures: Private Economy and Major Sectors.

[2] "Annual rate" refers to total hours paid for 1 week in the month, expressed as a seasonally adjusted annual equivalent.

NOTE: See note on table C-7.

PRODUCTIVITY
SEASONALLY ADJUSTED

C-10. Indexes of output and compensation per hour, unit costs, and prices, private business sector, seasonally adjusted

(1977 = 100)

Item	Annual average		Quarterly indexes										
			1979		1980				1981				1982
	1980	1981	III	IV	I	II	III	IV	I	II	III	IV	I
PRIVATE BUSINESS SECTOR													
Output per hour of all persons	99.3	100.4	99.4	99.1	99.5	99.1	99.4	99.1	100.3	101.2	100.9	99.2	99.9
Output	106.8	109.0	107.7	108.2	108.7	105.4	105.7	107.5	109.5	109.5	109.4	107.5	r106.4
Hours	107.5	108.5	108.4	109.1	109.2	106.4	106.3	108.4	109.2	108.2	108.4	108.4	r107.6
Compensation per hour	131.5	144.6	120.7	123.2	126.4	130.1	133.1	135.9	139.8	143.3	146.5	148.5	r151.7
Real compensation per hour	96.7	r96.3	89.2	88.0	86.7	86.6	86.9	86.0	86.1	86.9	86.3	85.8	r86.8
Unit labor costs	132.4	144.0	121.4	124.3	127.0	131.3	133.9	137.1	139.4	141.6	145.2	149.7	r152.9
Unit nonlabor payments	118.3	130.6	111.5	112.2	115.2	116.0	119.7	122.7	127.6	129.3	132.4	132.6	r129.7
Implicit price deflator	127.6	139.4	118.1	120.2	123.0	126.1	129.1	132.2	135.4	137.5	140.9	143.9	144.9
NONFARM BUSINESS SECTOR													
Output per hour of all persons	98.9	99.7	98.9	98.8	98.9	98.2	99.0	99.0	100.0	100.4	99.9	98.2	98.3
Output	106.8	108.8	107.8	108.2	108.5	105.1	105.8	107.7	109.7	109.4	109.0	106.9	r106.2
Hours	108.1	109.1	109.0	109.4	109.7	107.0	106.9	108.8	109.7	109.0	109.1	108.9	108.0
Compensation per hour	130.8	143.9	120.2	123.0	126.0	129.4	132.3	135.4	139.2	142.4	145.7	147.9	r150.8
Real compensation per hour	96.2	95.9	88.8	87.8	86.4	86.0	86.3	85.7	86.1	86.3	85.8	85.4	r86.4
Unit labor costs	132.4	144.3	121.5	124.4	127.4	131.8	133.6	136.8	139.1	141.9	145.8	150.7	r153.3
Unit nonlabor payments	117.6	130.4	109.2	110.1	113.9	115.1	119.2	122.0	127.8	128.7	132.2	132.8	r129.7
Implicit price deflator	127.4	139.7	117.4	119.7	122.9	126.3	128.8	131.9	135.3	137.5	141.2	144.7	r145.4
MANUFACTURING													
Output per hour of all persons	101.7	r104.0	102.0	102.1	102.1	100.8	100.7	103.1	r103.9	r104.8	105.0	102.0	r100.7
Output	103.6	r105.8	108.5	108.3	108.1	101.7	99.9	104.9	r106.7	r107.4	r107.3	101.9	r98.1
Hours	101.9	101.7	106.4	106.0	105.8	100.9	99.2	101.8	102.7	102.5	102.2	99.9	r97.4
Compensation per hour	131.6	146.2	119.8	122.3	125.4	130.0	133.9	137.3	141.1	144.8	148.0	150.8	154.7
Real compensation per hour	96.8	97.4	88.5	87.2	86.0	86.5	87.5	87.0	87.1	87.9	87.3	87.3	88.0
Unit labor costs	129.4	r140.6	117.5	119.8	122.8	129.0	133.0	133.2	r135.8	r138.2	141.0	147.8	r153.5
DURABLE GOODS													
Output per hour of all persons	99.7	r102.3	100.1	100.4	100.0	99.0	98.4	101.0	r102.1	r103.3	r103.3	100.1	r98.2
Output	102.9	r105.1	109.5	109.1	108.5	100.8	98.0	104.1	r106.0	r107.2	106.7	100.6	r96.8
Hours	103.2	102.8	109.3	108.7	108.4	101.8	99.7	103.0	103.9	103.7	103.3	100.4	r97.6
Compensation per hour	131.7	146.9	119.3	121.5	125.2	130.0	134.2	137.8	141.7	145.3	148.7	151.5	r155.3
Real compensation per hour	96.9	97.9	88.1	86.6	85.8	86.5	87.7	87.4	87.4	88.3	87.7	87.7	r89.4
Unit labor costs	132.1	143.6	119.2	121.1	125.1	131.3	136.4	136.4	r138.8	r140.7	r143.9	151.3	158.2
NONDURABLE GOODS													
Output per hour of all persons	104.9	r106.6	105.0	104.9	105.4	103.5	104.3	106.3	r106.7	r107.1	r107.7	104.8	r104.5
Output	104.8	r106.8	107.0	107.0	107.4	102.9	102.6	106.2	r107.6	107.7	r108.2	103.8	r101.5
Hours	99.9	100.2	101.9	102.0	102.0	99.5	98.4	99.9	100.9	100.6	100.5	99.1	r97.1
Compensation per hour	130.9	144.7	119.9	122.9	125.0	129.6	133.3	136.0	139.7	143.3	146.4	149.2	r153.4
Real compensation per hour	96.3	96.4	88.5	87.7	85.7	86.2	87.1	86.1	86.1	86.9	86.2	86.3	r88.2
Unit labor costs	124.8	r135.7	114.2	117.2	118.7	125.3	127.8	127.9	r130.9	r133.8	136.0	142.4	r146.8
NONFINANCIAL CORPORATIONS													
Output per all employee hour	101.0	103.5	100.5	99.9	100.2	100.1	101.8	101.8	103.4	104.0	103.8	102.4	p102.3
Output	108.5	112.3	109.4	109.3	109.9	106.8	107.7	109.7	112.8	112.8	112.8	110.5	p109.2
Hours	107.5	108.5	108.9	109.4	109.6	106.7	105.8	107.8	109.1	108.5	108.6	108.0	p106.8
Compensation per hour	130.7	143.9	120.1	122.7	125.7	129.3	132.5	135.5	139.3	142.4	145.5	148.0	p151.1
Real compensation per hour	96.2	95.9	88.7	87.5	86.2	85.9	86.5	85.7	85.8	86.3	85.7	85.5	p 86.7
Total unit costs	129.7	140.9	118.2	121.3	124.2	129.2	131.1	134.1	136.0	138.7	142.2	147.0	p150.0
Unit labor costs	129.4	139.0	119.5	122.8	125.4	129.1	130.2	133.1	134.7	137.0	140.2	144.6	p147.7
Unit nonlabor costs	130.2	146.1	114.6	117.2	120.9	129.3	133.8	136.9	139.5	143.6	147.7	153.8	p156.3
Unit profits	90.2	103.6	97.5	92.2	95.5	83.4	99.1	92.4	106.8	102.8	106.7	96.6	p 80.7
Implicit price deflator	125.2	136.7	115.9	118.1	121.0	124.1	126.4	129.5	132.7	134.7	138.2	141.4	p142.2

p=preliminary
r=revised

C-11. Percent changes from preceding quarter and year in productivity, hourly compensation, unit costs, and prices, private business sector, seasonally adjusted at annual rate

Item	Quarterly percent change						Annual percent change					
	1980 II to 1980 IV	1980 IV to 1981 I	1981 I to 1981 II	1981 II to 1981 III	1981 III to 1981 IV	1981 IV to 1982 I	1979 IV to 1980 IV	1980 I to 1981 I	1980 II to 1981 II	1980 III to 1981 III	1980 IV to 1981 IV	1981 I to 1982 I
PRIVATE BUSINESS SECTOR												
Output per hour of all persons	-1.1	4.7	3.5	-1.1	-6.6	r-0.9	0.0	0.8	2.1	1.5	0.0	-1.4
Output	6.9	7.9	-0.1	-0.3	-6.8	r-3.9	-0.7	0.8	3.9	3.5	0.0	r-2.8
Hours	8.1	3.0	-3.5	0.8	-0.2	r-3.0	-0.7	0.0	1.7	2.0	0.0	r-1.5
Compensation per hour	8.6	11.9	10.4	9.3	5.5	r7.6	10.3	10.6	10.1	10.1	9.3	r8.2
Real compensation per hour	-3.8	0.5	3.2	-2.3	-2.1	r4.2	-2.0	-0.6	0.3	-0.6	-0.2	r0.7
Unit labor costs	9.8	6.9	6.6	10.6	13.0	r8.6	10.3	9.7	7.8	8.5	9.3	r9.7
Unit nonlabor payments	10.2	17.1	5.3	10.1	0.4	r- 9.7	9.3	10.8	11.5	10.6	8.1	r1.3
Implicit price deflator	9.9	10.0	6.2	10.4	8.9	r2.6	10.0	10.1	9.0	9.1	8.9	7.0
NONFARM BUSINESS SECTOR												
Output per hour of all persons	-0.2	4.4	1.4	-1.7	-6.9	r0.5	0.2	1.2	2.3	0.9	-0.8	r-1.7
Output	7.1	7.9	-1.1	-1.4	-7.7	r-2.5	-0.5	1.1	4.1	3.0	-0.7	r-3.2
Hours	7.3	3.4	-2.5	0.4	-0.9	r-3.0	-0.6	-0.1	1.8	2.1	0.1	r-1.5
Compensation per hour	9.8	11.7	9.6	9.5	6.3	r7.9	10.1	10.5	10.0	10.2	9.3	r8.3
Real compensation per hour	-2.7	0.3	2.5	-2.2	-1.4	r4.5	-2.2	-0.7	0.3	-0.6	-0.2	r0.8
Unit labor costs	10.1	7.0	8.1	11.5	14.1	r7.3	9.9	9.2	7.6	9.2	10.1	r10.2
Unit nonlabor payments	9.9	20.2	3.0	11.3	1.8	r- 9.0	10.8	12.2	11.8	10.9	8.8	r1.5
Implicit price deflator	10.0	11.0	6.5	11.4	10.1	r2.1	10.2	10.1	8.9	9.7	9.7	7.5
MANUFACTURING												
Output per hour of all persons	9.8	r3.1	r3.5	r0.9	r-11.0	r-4.9	1.0	r1.8	r4.0	r4.3	-1.1	-3.0
Output	21.8	r6.9	r2.8	r-0.4	r-18.7	r-14.1	-3.1	r-1.3	r 5.6	7.4	-2.9	r-8.1
Hours	11.0	3.6	-0.8	-1.2	-8.7	r-9.7	-4.0	-3.0	1.6	3.0	-1.9	r-5.2
Compensation per hour	10.5	11.6	10.8	9.3	7.6	r10.7	12.3	12.5	11.4	10.5	9.8	9.6
Real compensation per hour	-2.2	0.2	3.5	-2.4	-0.2	r7.2	-0.2	1.1	1.5	-0.2	0.3	2.0
Unit labor costs	0.6	r8.2	r7.0	r8.3	r20.9	r16.5	11.2	r10.6	r7.1	6.0	11.0	11.0
DURABLE GOODS												
Output per hour of all persons	11.3	r4.3	r4.9	r0.0	r-11.7	r-7.5	0.6	r2.1	r4.3	5.0	-0.9	r-3.8
Output	26.9	r7.8	r4.3	r-1.7	r-21.1	r-17.6	-4.6	r-2.2	r6.3	8.8	-3.4	r-9.6
Hours	14.1	3.4	-0.5	-1.7	-10.7	r-11.0	-5.2	-4.2	1.9	3.6	-2.5	r-6.1
Compensation per hour	11.2	11.8	10.7	9.5	7.8	r10.5	13.4	13.2	11.8	10.8	9.9	r9.6
Real compensation per hour	-1.4	0.3	3.5	-2.1	0.0	r7.0	0.8	1.7	1.9	0.0	0.4	r2.0
Unit labor costs	0.0	r7.2	r5.6	r9.5	r22.0	19.5	12.7	r10.9	r7.2	r5.5	10.9	r13.9
NONDURABLE GOODS												
Output per hour of all persons	7.9	r1.4	r1.6	r2.1	r-10.1	r-1.3	1.4	r1.3	r3.5	3.2	-1.4	r-2.1
Output	14.9	r5.6	r0.4	r1.5	r-15.0	r- 8.8	-0.7	r0.2	r4.7	5.4	-2.2	r-5.7
Hours	6.4	3.9	-1.1	-0.6	-5.4	r-7.7	-2.1	-1.0	1.1	2.1	-0.9	-3.7
Compensation per hour	8.2	11.4	10.7	8.9	8.0	r11.5	10.6	11.7	10.5	9.8	9.8	9.8
Real compensation per hour	-4.2	0.0	3.5	-2.7	0.2	r9.0	-1.7	0.4	0.7	-0.9	0.2	2.2
Unit labor costs	0.2	r9.8	r9.0	r6.7	r20.2	r13.0	9.1	r10.3	r6.8	6.4	11.3	p12.1
NONFINANCIAL CORPORATIONS												
Output per all employee hour	0.0	6.6	2.2	-0.5	-5.5	p-0.3	1.9	3.2	3.8	2.0	0.6	p-1.1
Output	7.9	11.5	0.1	-0.1	-7.8	p-4.7	0.4	2.6	5.6	4.7	0.7	p-3.2
Hours	7.9	4.6	-2.0	0.5	-2.4	p-4.4	-1.5	-0.5	1.7	2.7	0.1	p-2.1
Compensation per hour	9.4	11.7	9.3	9.1	6.9	p 8.6	10.4	10.8	10.1	9.9	9.2	p 8.5
Real compensation per hour	-3.1	0.3	2.1	-2.5	-0.8	p 5.2	-1.9	-0.4	0.4	-0.8	-0.3	p 0.9
Total unit costs	9.4	5.6	8.4	10.3	14.4	p 8.3	10.5	9.5	7.4	8.4	9.6	p10.3
Unit labor costs	9.4	4.8	7.0	9.7	13.2	p 8.9	8.4	7.4	6.1	7.7	8.6	p 9.7
Unit nonlabor costs	9.5	7.9	12.3	11.8	17.6	p 6.7	16.8	15.4	11.1	10.4	12.3	p12.0
Unit profits	15.7	77.9	-13.9	15.7	-32.6	p-51.4	0.3	11.8	23.3	19.7	4.5	p-24.4
Implicit price deflator	9.9	10.4	6.2	10.7	9.6	p 2.4	9.6	9.7	8.6	9.3	9.2	p7.2

p=preliminary.
r=revised.

C-12. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	APR. 1981	MAR. 1982	APR. 1982P	APR. 1981	MAR. 1982	APR. 1982P	APR. 1981	MAR. 1982	APR. 1982P
ALABAMA	$277.41	$280.08	$290.33	39.8	38.9	39.4	$6.97	$7.20	$7.37
Birmingham	317.56	311.38	318.84	40.2	38.3	38.6	7.89	8.13	8.26
Mobile	359.72	369.47	407.55	41.3	39.9	41.8	8.71	9.26	9.75
ALASKA	459.68	454.55	(*)	40.2	35.1	(*)	11.41	12.95	(*)
ARIZONA	310.08	335.62	330.81	39.5	38.8	38.2	7.85	8.65	8.66
ARKANSAS	241.47	254.53	257.99	39.2	38.8	38.0	6.16	6.56	6.58
Fayetteville—Springdale	223.19	234.69	237.79	39.5	38.6	39.5	5.65	6.08	6.02
Fort Smith	239.80	249.98	246.91	38.5	38.4	38.4	6.23	6.51	6.43
Little Rock—North Little Rock	277.96	295.57	286.50	39.1	39.2	38.2	6.93	7.54	7.50
Pine Bluff	319.61	337.43	340.72	41.4	41.1	41.4	7.72	8.21	8.23
CALIFORNIA	326.93	355.54	353.47	39.2	39.2	38.8	8.34	9.07	9.11
COLORADO	327.16	328.10	329.67	39.8	39.2	39.2	8.22	8.37	8.41
Denver—Boulder	320.72	331.30	331.63	39.4	39.3	39.2	8.14	8.43	8.46
CONNECTICUT	313.33	330.47	330.08	41.5	40.9	40.6	7.55	8.08	8.13
Bridgeport	330.58	342.76	339.97	42.6	41.8	41.2	7.76	8.20	8.25
Hartford	330.42	353.97	354.14	41.2	41.2	40.8	8.02	8.64	8.68
New Britain	323.53	334.96	329.26	41.8	41.2	40.4	7.74	8.13	8.15
New Haven—West Haven	293.21	312.04	306.50	39.7	39.7	38.7	7.31	7.86	7.92
Stamford	289.05	294.32	298.19	41.0	39.4	39.6	7.05	7.47	7.53
Waterbury	264.13	287.86	270.24	41.4	42.9	39.8	6.38	6.71	6.79
DELAWARE	344.21	344.44	333.49	40.4	39.5	38.2	8.52	9.72	8.73
Wilmington	403.35	403.35	385.29	41.2	39.7	37.7	9.79	10.16	10.22
DISTRICT OF COLUMBIA:									
Washington SMSA	333.98	354.64	351.21	38.3	39.1	38.9	8.72	9.07	9.03
FLORIDA	256.16	269.89	265.27	39.9	39.4	38.5	6.42	6.85	6.89
Fort Lauderdale—Hollywood	239.20	264.68	251.36	39.8	39.5	38.2	6.01	6.65	6.58
Jacksonville	303.11	311.63	316.99	43.5	39.1	40.3	7.41	7.97	7.90
Lakeland—Winter Haven	288.42	295.10	285.91	41.8	42.4	39.6	6.90	6.96	7.22
Miami	228.10	247.94	220.44	40.3	38.7	37.3	5.66	5.89	5.91
Orlando	276.81	302.59	287.34	41.5	41.0	40.3	6.67	7.38	7.13
Pensacola	328.95	327.62	335.16	43.0	40.1	39.9	7.65	8.17	8.41
Tampa—St. Petersburg	257.75	267.13	264.80	40.4	39.4	38.6	6.38	6.78	6.86
West Palm Beach—Boca Raton	283.04	285.29	295.54	41.2	38.5	39.3	6.87	7.41	7.52
GEORGIA	250.11	257.74	254.41	39.7	38.7	38.2	6.30	6.66	6.66
Atlanta	304.10	306.43	304.04	39.7	38.4	38.1	7.66	7.98	7.98
Savannah	346.40	371.04	370.58	43.3	43.6	43.7	8.00	8.51	8.48
HAWAII	293.61	297.42	283.61	39.2	37.6	36.2	7.49	7.91	7.84
Honolulu	287.47	304.10	290.72	38.9	38.3	36.8	7.39	7.94	7.90
IDAHO	295.63	297.56	293.56	37.0	36.6	35.8	7.99	8.13	8.20
Boise City	266.63	276.00	288.44	37.5	34.5	36.1	7.11	8.00	7.99
ILLINOIS	350.95	362.21	357.20	40.2	39.2	38.7	8.73	9.24	9.23
Bloomington—Normal	307.51	322.08	318.14	36.2	36.6	36.4	8.05	8.80	8.74
Champaign—Urbana—Rantoul	310.79	348.98	338.42	36.8	39.3	38.5	9.01	8.88	8.79
Chicago SMSA	323.18	331.01	331.58	39.8	38.4	38.2	8.12	8.62	8.68
Davenport—Rock Island—Moline	424.66	450.34	446.61	40.1	38.1	38.2	10.59	11.82	11.77
Decatur	399.05	448.06	454.21	39.2	39.2	39.6	10.18	11.43	11.47
Kankakee	288.76	301.32	292.81	37.7	37.2	37.3	7.66	8.10	7.85
Peoria	455.04	486.16	484.60	39.5	38.1	37.8	11.52	12.76	12.82
Rockford	356.65	373.43	367.05	40.9	39.6	38.8	8.72	9.43	9.46
Springfield	368.63	412.85	418.09	39.3	40.2	40.6	9.38	10.27	10.45
INDIANA	373.33	380.83	382.20	40.1	39.1	39.2	9.31	9.74	9.75
Gary—Hammond—East Chicago	519.38	(*)	(*)	40.8	(*)	(*)	12.73	(*)	(*)
Indianapolis	362.30	(*)	(*)	40.3	(*)	(*)	8.99	(*)	(*)
IOWA	374.37	376.74	392.34	39.7	39.0	39.0	9.43	9.66	10.06
Cedar Rapids	366.83	403.19	407.63	38.9	40.4	40.2	9.43	9.98	10.14
Des Moines	366.53	410.70	412.73	38.3	38.6	38.9	9.57	10.64	10.61

See footnotes at end of table.

C-12. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas—Continued

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	APR. 1981	MAR. 1982	APR. 1982P	APR. 1981	MAR. 1982	APR. 1982P	APR. 1981	MAR. 1982	APR. 1982P
IOWA—Continued									
Dubuque	$415.84	$421.19	$430.95	38.9	38.5	39.0	$10.69	$10.94	$11.05
Sioux City	375.36	332.64	347.45	43.2	39.6	39.9	8.68	9.40	8.72
Waterloo—Cedar Falls	504.56	385.47	526.17	40.3	37.1	40.5	12.52	10.39	12.99
KANSAS	318.24	342.05	329.61	40.8	40.1	39.1	7.81	8.53	8.43
Topeka	350.22	334.89	314.13	41.3	38.8	37.0	8.48	8.76	8.49
Wichita	393.64	385.43	367.26	42.1	41.4	39.7	8.41	9.31	9.25
KENTUCKY	307.71	318.59	313.21	39.5	38.2	37.6	7.79	8.34	8.33
Lexington—Fayette	209.34	351.01	327.24	38.2	40.3	37.7	8.09	8.71	8.68
Louisville	361.00	378.07	377.23	40.0	39.3	39.5	9.13	9.62	9.55
LOUISIANA	352.29	372.13	375.66	41.3	40.1	39.9	8.53	9.28	9.42
Baton Rouge	457.30	482.38	486.45	42.0	41.3	41.3	10.99	11.68	11.77
New Orleans	337.01	369.04	359.90	40.8	40.2	39.9	8.26	9.18	9.02
Shreveport	305.29	326.27	323.43	41.2	39.5	39.2	7.41	8.26	8.25
MAINE	260.50	276.31	283.61	40.2	39.7	40.4	6.48	6.96	7.02
Lewiston—Auburn	206.63	210.46	214.28	37.5	36.1	36.6	5.51	5.83	5.85
Portland	248.24	272.74	265.69	38.0	39.7	38.9	6.48	6.87	6.83
MARYLAND	336.87	337.59	337.17	40.2	39.3	38.8	8.38	8.59	8.69
Baltimore	357.47	363.59	359.50	40.9	40.2	39.9	8.74	8.97	9.01
MASSACHUSETTS	275.00	(*)	(*)	40.0	(*)	(*)	6.89	(*)	(*)
Boston	300.70	(*)	(*)	40.2	(*)	(*)	7.48	(*)	(*)
Brockton	222.04	(*)	(*)	39.9	(*)	(*)	5.59	(*)	(*)
Fall River	216.31	(*)	(*)	38.3	(*)	(*)	5.64	(*)	(*)
Lawrence—Haverhill	280.19	(*)	(*)	40.3	(*)	(*)	6.95	(*)	(*)
Lowell	249.40	(*)	(*)	39.1	(*)	(*)	6.38	(*)	(*)
New Bedford	223.96	(*)	(*)	37.8	(*)	(*)	6.19	(*)	(*)
Springfield—Chicopee—Holyoke	277.43	(*)	(*)	40.5	(*)	(*)	6.85	(*)	(*)
Worcester	295.00	(*)	(*)	39.7	(*)	(*)	7.13	(*)	(*)
MICHIGAN	420.88	444.70	451.43	40.8	39.9	40.4	10.31	11.15	11.18
Ann Arbor	493.53	482.38	497.52	44.0	41.6	42.4	11.21	11.61	11.74
Battle Creek	409.25	438.75	434.40	40.9	40.0	39.2	10.00	10.96	11.08
Bay City	373.22	373.22	376.37	40.5	39.2	39.7	9.22	9.52	9.47
Detroit	444.61	486.93	492.37	40.8	41.3	41.6	10.90	11.80	11.84
Flint	495.97	492.27	515.22	41.6	37.3	39.3	11.93	13.18	13.11
Grand Rapids	349.48	363.74	372.43	40.1	38.9	39.5	8.64	9.34	9.42
Jackson	382.28	397.88	397.18	42.2	41.2	40.3	9.06	9.65	9.86
Kalamazoo—Portage	406.76	404.59	401.69	41.0	39.8	39.5	9.92	10.17	10.16
Lansing—East Lansing	478.91	457.85	465.75	42.5	37.9	38.3	11.26	12.09	12.17
Muskegon—Norton Shores—Muskegon Heights	354.92	234.59	366.04	40.6	29.7	38.5	8.74	9.58	9.50
Saginaw	510.50	492.19	481.63	42.2	38.7	38.9	12.10	12.72	12.38
MINNESOTA	326.58	362.44	351.74	39.3	39.6	39.3	8.31	9.90	8.95
Duluth—Superior	326.76	354.65	354.44	39.8	41.0	40.6	8.21	8.65	8.73
Minneapolis—St. Paul	341.34	374.45	369.97	39.1	39.6	39.4	8.73	9.38	9.39
St. Cloud	237.60	259.96	254.45	35.2	35.6	34.2	6.75	7.19	7.44
MISSISSIPPI	235.22	245.88	246.27	39.4	38.6	38.6	5.97	6.37	6.38
Jackson	261.25	268.71	270.75	40.3	39.0	39.7	6.49	6.89	6.82
MISSOURI	307.33	319.81	316.10	39.3	38.3	38.4	7.82	8.35	8.31
Kansas City	353.03	367.15	367.45	39.8	39.1	38.8	8.87	9.39	9.29
St. Joseph	289.46	298.36	293.37	38.7	38.3	38.1	7.48	7.79	7.70
St. Louis	351.12	370.28	368.42	39.9	39.1	38.7	8.80	9.47	9.52
Springfield	299.03	297.20	303.55	40.6	40.0	40.8	7.36	7.43	7.44
MONTANA	369.56	373.62	369.16	40.7	39.0	38.9	9.08	9.58	9.49
NEBRASKA	312.43	333.56	329.44	39.8	39.9	39.2	7.85	8.36	8.40
Lincoln	294.13	300.64	311.44	38.6	36.9	36.9	7.62	8.31	8.44
Omaha	308.00	327.55	323.64	38.7	38.4	37.7	7.96	8.52	8.59
NEVADA	329.43	326.26	312.21	39.5	36.7	35.6	8.34	8.89	8.77
Las Vegas	446.67	429.74	(*)	40.7	40.2	(*)	10.98	13.69	(*)

See footnotes at end of table.

C-12. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas—Continue

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	APR. 1981	MAR. 1982	APR. 1982P	APR. 1981	MAR. 1982	APR. 1982P	APR. 1981	MAR. 1982	APR. 1982P
NEW HAMPSHIRE	$248.98	$273.03	$272.74	39.9	39.8	39.7	$6.24	$6.86	$6.
Manchester	231.43	252.80	254.63	38.7	39.5	39.6	5.98	6.40	6.
Nashua	274.51	308.05	308.45	39.9	39.8	39.8	6.88	7.74	7.
NEW JERSEY	316.71	338.20	337.24	40.5	40.6	40.1	7.82	8.33	8.
Atlantic City	230.78	251.47	245.44	36.4	37.2	36.2	6.34	6.76	6.
Camden	324.42	352.19	335.55	40.3	41.0	39.2	8.05	8.59	8.
Hackensack [1]	282.49	297.01	292.74	41.0	40.3	39.4	6.89	7.37	7.
Jersey City [1]	309.78	323.61	321.29	40.6	40.1	39.9	7.63	8.07	8.
New Brunswick—Perth Amboy—Sayreville [1]	372.91	389.27	393.18	41.9	41.5	41.3	8.90	9.38	9.
Newark [1]	332.10	360.59	359.10	41.0	41.4	40.9	8.10	8.71	8.
Paterson—Clifton—Passaic [1]	307.70	309.41	304.62	41.8	41.2	40.4	4.25	7.51	7.
Trenton	322.76	331.74	337.65	39.7	38.8	38.8	8.13	8.55	8.
NEW MEXICO	252.97	269.02	272.39	39.9	39.0	39.0	6.34	7.16	7.
Albuquerque	259.43	286.34	292.09	40.6	38.8	39.5	6.39	7.38	7.
NEW YORK	304.56	320.56	(*)	39.4	39.0	(*)	7.73	8.22	(*
Albany—Schenectady—Troy	321.19	334.17	(*)	39.8	39.5	(*)	8.07	8.46	(*
Binghamton	294.24	285.52	(*)	41.5	40.3	(*)	7.09	7.08	(*
Buffalo	410.66	410.29	(*)	40.7	39.3	(*)	10.09	10.44	(*
Elmira	308.73	326.83	(*)	41.0	40.2	(*)	7.53	8.13	(*
Monroe County [1]	414.83	439.52	(*)	41.4	41.0	(*)	10.02	10.72	(*
Nassau—Suffolk [1]	290.87	318.00	(*)	39.9	39.9	(*)	7.29	7.97	(*
New York—Northeastern New Jersey	290.33	(*)	(*)	39.5	(*)	(*)	7.35	(*)	(*
New York and Nassau—Suffolk [2]	264.60	284.63	(*)	38.1	37.8	(*)	6.95	7.53	(*
New York SMSA [1]	258.25	274.91	(*)	37.7	37.2	(*)	6.85	7.39	(*
New York City [1]	253.27	271.57	(*)	37.3	37.1	(*)	6.79	7.32	(*
Poughkeepsie	320.25	325.85	(*)	42.7	42.1	(*)	7.50	7.74	(*
Rochester	391.81	414.53	(*)	41.2	40.8	(*)	9.51	10.16	(*
Rockland County [1]	288.80	322.65	(*)	40.0	39.5	(*)	7.22	8.21	(*
Syracuse	332.51	349.86	(*)	40.6	40.4	(*)	8.19	8.66	(*
Utica—Rome	287.43	308.05	(*)	39.7	39.8	(*)	7.24	7.74	(*
Westchester County [1]	298.07	294.08	(*)	41.0	37.8	(*)	7.27	7.78	(*
NORTH CAROLINA	225.81	233.75	232.36	39.0	37.4	37.0	5.79	6.25	6.2
Asheville	218.63	225.75	232.16	38.8	37.5	38.5	5.64	6.02	6.0
Charlotte—Gastonia	233.78	238.61	234.74	40.1	38.3	37.8	5.83	6.23	6.2
Greensboro—Winston-Salem—High Point	243.32	254.88	256.04	38.5	37.1	37.0	6.32	6.87	6.9
Raleigh—Durham	257.28	277.63	271.15	39.1	38.4	37.4	6.58	7.23	7.2
NORTH DAKOTA	266.54	273.78	281.25	37.7	37.3	37.6	7.07	7.34	7.4
Fargo—Moorhead	277.82	278.44	280.49	36.7	38.3	37.2	7.57	7.27	7.5
OHIO	387.04	395.81	358.20	41.0	39.9	39.5	9.44	9.92	9.9
Akron	394.06	405.00	405.57	42.1	41.2	41.3	9.36	9.83	9.8
Canton	386.80	387.39	379.48	40.0	38.7	38.1	9.67	10.01	9.9
Cincinnati	351.29	375.46	375.22	40.8	39.9	40.3	8.61	9.41	9.4
Cleveland	392.09	398.19	356.81	41.1	40.1	39.8	9.54	9.93	9.9
Columbus	339.44	359.33	363.53	39.7	39.4	39.6	8.55	9.12	9.1
Dayton	398.47	388.66	400.00	41.9	39.5	40.0	9.51	9.84	10.0
Toledo	396.58	441.72	439.56	40.8	40.9	40.7	9.72	10.80	10.8
Youngstown—Warren	481.15	457.08	446.60	41.3	39.1	38.6	11.65	11.69	11.5
OKLAHOMA	329.65	337.85	340.56	40.3	39.7	39.6	8.18	8.51	8.6
Oklahoma City	352.41	347.84	353.42	40.6	40.4	40.3	8.68	8.61	8.7
Tulsa	340.85	366.30	366.03	40.1	39.6	39.4	8.50	9.25	9.2
OREGON	352.47	370.63	(*)	37.9	37.4	(*)	9.30	9.91	(*
Eugene—Springfield	363.47	(*)	(*)	38.1	(*)	(*)	9.54	(*)	(*
Jackson County	344.31	366.03	(*)	38.6	39.4	(*)	8.92	9.29	(*
Portland	355.51	377.38	(*)	37.7	37.7	(*)	9.43	10.01	(*
Salem	333.90	(*)	(*)	37.1	(*)	(*)	8.99	(*)	(*
PENNSYLVANIA	323.05	330.50	326.61	39.3	38.7	38.2	8.22	8.54	8.5
Allentown—Bethlehem—Easton	334.93	339.22	336.14	38.9	38.2	37.6	8.61	8.98	8.9
Altoona	274.56	277.85	278.55	38.4	39.3	39.4	7.15	7.07	7.0
Delaware Valley [1]	325.91	340.65	337.85	39.6	39.2	38.7	8.23	8.69	8.7
Erie	341.01	369.41	357.30	40.5	41.0	39.7	8.42	9.01	9.0
Harrisburg	313.29	314.16	311.76	40.9	38.5	38.3	7.66	8.16	8.1
Johnstown	339.34	316.28	312.76	38.3	35.9	35.5	8.86	8.81	8.8

See footnotes at end of table.

C-12. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas—Continued

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	APR. 1981	MAR. 1982	APR. 1982P	APR. 1981	MAR. 1982	APR. 1982P	APR. 1981	MAR. 1982	APR. 1982P
PENNSYLVANIA—Continued									
Lancaster	$280.53	$290.70	$286.50	39.4	38.1	37.5	$7.12	$7.63	$7.64
Northeast Pennsylvania	223.84	247.01	240.31	35.7	37.2	36.2	6.27	6.64	6.63
Philadelphia SMSA	325.56	342.47	336.69	39.8	39.5	38.7	8.18	8.67	8.70
Pittsburgh	405.82	406.51	398.70	41.2	38.9	38.3	9.85	10.45	10.41
Reading	304.07	310.08	310.88	39.8	38.0	37.5	7.64	8.16	8.29
Williamsport	293.68	314.76	306.48	39.5	39.1	38.6	7.44	8.05	7.94
York	296.71	318.39	314.01	41.0	40.1	39.9	7.31	7.94	7.87
RHODE ISLAND	234.00	252.72	255.45	39.0	39.0	39.0	6.00	6.48	6.55
Providence—Warwick—Pawtucket	232.44	251.02	252.20	39.0	39.1	39.1	5.96	6.42	6.45
SOUTH CAROLINA	245.23	252.44	246.18	40.4	38.6	37.3	6.07	6.54	6.60
Charleston—North Charleston	283.44	276.57	272.12	41.5	38.2	37.9	6.83	7.24	7.18
Columbia	232.83	239.65	241.42	39.0	37.8	37.9	5.97	6.34	6.37
Greenville—Spartanburg	235.22	252.55	249.67	39.6	39.4	38.8	5.94	6.41	6.44
South Dakota	297.77	297.51	293.66	42.6	42.2	39.9	6.99	7.05	7.36
Sioux Falls	433.92	409.00	426.79	48.7	50.0	45.5	8.91	8.18	9.38
TENNESSEE	264.60	268.10	272.70	39.7	38.3	38.3	6.67	7.00	7.12
Chattanooga	260.09	264.62	267.80	40.2	38.8	38.7	6.47	6.82	6.92
Knoxville	293.60	310.13	317.15	40.0	38.1	39.3	7.34	8.14	8.07
Memphis	292.19	293.78	302.99	39.7	39.7	39.4	7.36	7.40	7.69
Nashville—Davidson	286.08	316.33	315.61	39.5	40.4	39.9	7.17	7.83	7.91
TEXAS	321.31	343.58	341.74	41.3	41.0	40.3	7.78	8.38	8.48
Dallas—Fort Worth	302.66	329.23	323.18	40.9	41.0	39.8	7.41	8.03	8.12
Houston	406.59	436.60	441.78	43.3	43.4	43.1	9.39	10.06	10.25
San Antonio	227.77	247.20	243.36	40.1	40.0	39.7	5.68	6.18	6.13
UTAH	303.31	315.09	315.09	39.7	38.9	38.1	7.64	8.10	8.27
Salt Lake City—Ogden	290.97	310.08	306.28	40.2	39.3	38.0	7.22	7.89	8.06
VERMONT	265.32	280.86	275.38	40.2	38.9	38.3	6.60	7.22	7.19
Burlington	295.65	317.12	303.73	41.7	40.5	39.6	7.09	7.83	7.67
Springfield	305.02	303.70	293.36	40.4	39.7	38.6	7.55	7.65	7.60
VIRGINIA	264.65	273.64	271.90	39.5	37.9	37.4	6.70	7.22	7.27
Bristol	227.63	233.99	223.32	37.5	37.2	36.4	6.07	6.29	6.41
Lynchburg	264.11	242.55	232.89	40.2	35.0	33.9	6.57	6.93	6.87
Norfolk—Virginia Beach—Portsmouth	274.82	300.77	302.19	39.6	40.7	40.4	6.94	7.39	7.49
Northern Virginia	284.72	300.13	294.89	39.6	39.7	38.7	7.19	7.56	7.62
Petersburg—Colonial Heights—Hopewell	333.92	348.46	359.44	39.8	38.0	38.9	8.39	9.17	9.24
Richmond	342.28	368.96	344.20	39.8	40.5	37.7	8.60	9.11	9.13
Roanoke	240.91	258.73	255.03	39.3	39.5	38.7	6.13	6.55	6.59
WASHINGTON	395.76	422.99	(*)	38.8	38.7	(*)	10.20	10.93	(*)
Seattle—Everett	411.29	357.37	(*)	39.7	2.9	(*)	0.26	10.29	(*)
WEST VIRGINIA	349.36	353.53	351.37	39.7	39.5	39.1	8.80	8.95	9.14
Charleston	422.00	441.19	435.07	42.2	42.3	41.5	10.00	10.43	10.58
Huntington—Ashland	361.57	404.64	403.00	38.1	38.5	38.9	9.49	10.51	10.36
Parkersburg—Marietta	378.22	391.42	385.92	41.2	39.9	39.5	9.18	9.81	9.77
Wheeling	369.95	375.77	396.52	38.1	38.8	39.4	9.71	9.69	10.14
WISCONSIN	341.92	367.59	363.01	39.5	39.5	39.1	8.65	9.31	9.29
Appleton—Oshkosh	344.50	363.15	357.75	41.7	40.8	40.5	8.27	8.89	8.84
Eau Claire	329.97	351.61	345.72	40.2	40.4	40.3	8.18	8.71	8.68
Green Bay	358.24	382.78	390.28	41.3	40.7	41.4	8.67	9.40	9.42
Janesville—Beloit	368.08	355.47	332.69	39.2	39.4	37.3	9.38	9.02	8.93
Kenosha	385.45	429.80	440.55	39.1	40.1	40.3	9.87	10.72	10.96
La Crosse	299.33	323.27	329.65	39.8	39.2	38.4	7.53	8.25	8.58
Madison	329.36	359.44	372.22	38.8	38.7	39.7	8.48	9.30	9.37
Milwaukee	373.08	407.11	404.45	39.4	39.3	39.1	9.47	10.35	10.34
Racine	356.05	392.16	357.25	38.4	39.7	37.5	9.27	9.88	9.54
WYOMING	311.42	328.94	324.86	39.9	39.3	38.4	7.78	8.37	8.46

See footnotes at end of table.

C-12. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas—Continued

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	APR. 1981	MAR. 1982	APR. 1982P	APR. 1981	MAR. 1982	APR. 1982P	APR. 1981	MAR. 1982	APR. 1982P
VIRGIN ISLANDS	$334.43	$393.34	$395.85	41.7	41.8	41.8	$8.02	$9.41	$9.47

[1] Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey
[2] Subarea of New York—Northeastern New Jersey
[3] Subarea of Rochester Standard Metropolitan Statistical Area
[4] Area included in New York and Nassau—Suffolk combined SMSA's
[5] Subarea of New York Standard Metropolitan Statistical Area
[6] Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pennsylvania
[7] Subarea of Washington, D.C. Standard Metropolitan Statistical Area: Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park cities; and Arlington, Fairfax, Loudoun, and Prince William Counties, Virginia
P = preliminary
*Not available

SOURCE: Cooperating State agencies listed on inside back cover.

D-1. Labor force and unemployment by State and selected metropolitan areas

Numbers in thousands

State and area	Labor force			Unemployment					
				Number			Percent of labor force		
	APR. 1981	MAR. 1982	APR. 1982[p]	APR. 1981	MAR. 1982	APR. 1982[p]	APR. 1981	MAR. 1982	APR. 1982[p]
ALABAMA	1,661.4	1,691.9	1,692.4	170.5	238.8	220.2	10.3	14.1	13.0
Birmingham	376.9	378.5	380.8	39.4	45.6	44.4	10.5	12.0	11.7
Huntsville	140.4	146.8	146.8	14.7	16.3	16.6	10.5	12.5	11.3
Mobile	188.4	189.1	189.3	17.4	23.0	23.4	9.2	12.2	12.4
Montgomery	120.9	122.3	122.1	10.1	14.7	13.7	8.3	12.0	11.2
Tuscaloosa	53.5	54.9	54.7	5.8	6.4	6.2	10.8	11.6	11.3
ALASKA	185.3	198.2	199.3	17.8	22.3	21.3	9.6	11.2	10.7
ARIZONA	1,267.0	1,303.6	1,300.6	73.8	107.7	108.4	5.8	8.3	8.3
Phoenix	774.8	795.3	792.8	36.5	52.4	53.1	4.7	6.6	6.7
Tucson	230.3	238.2	238.3	11.5	18.6	17.9	5.0	7.8	7.5
ARKANSAS	1,034.4	1,008.9	1,006.3	93.1	108.0	96.1	9.0	10.7	9.5
Fayetteville-Springdale	81.8	80.2	80.2	4.3	5.6	5.1	5.3	7.0	6.4
Fort Smith[r]	91.0	87.4	86.8	7.8	10.1	9.5	8.6	11.5	11.1
Little Rock—North Little Rock	197.6	192.0	191.3	14.7	15.8	14.9	7.5	8.3	7.8
Pine Bluff	41.1	39.5	38.7	4.2	4.2	3.8	10.3	10.7	9.9
CALIFORNIA[r]	11,736.1	11,953.4	11,995.0	841.6	1,156.3	1,130.4	7.2	9.7	9.4
Anaheim—Santa Ana—Garden Grove	1,166.9	1,188.3	1,193.7	46.9	73.0	72.3	4.0	6.1	6.1
Bakersfield	191.4	200.3	196.4	16.9	26.4	24.9	8.8	13.2	12.7
Fresno	273.0	276.5	281.8	29.6	44.6	42.5	10.8	16.1	15.1
Los Angeles—Long Beach[r]	3,722.0	3,738.0	3,773.0	256.0	321.0	319.0	6.9	8.6	8.5
Modesto	132.1	139.1	139.7	21.3	28.1	27.5	16.1	20.2	19.7
Oxnard—Simi Valley—Ventura	246.1	258.8	258.9	16.6	24.8	24.1	6.7	9.6	9.3
Riverside—San Bernardino—Ontario	607.0	629.3	628.4	46.8	68.4	66.8	7.7	10.9	10.6
Sacramento	492.5	507.7	504.3	41.0	60.3	58.9	8.3	11.9	11.7
Salinas—Seaside—Monterey	136.4	139.3	138.9	13.4	18.5	17.3	9.9	13.3	12.4
San Diego	795.5	810.4	810.5	51.9	70.8	68.2	6.5	8.7	8.4
San Francisco—Oakland	1,685.4	1,719.9	1,716.9	94.5	127.3	124.2	5.6	7.4	7.2
San Jose	786.4	809.3	806.7	46.6	60.3	58.4	5.9	7.4	7.2
Santa Barbara—Santa Maria—Lompoc	134.5	138.3	138.0	8.3	12.7	11.5	5.5	8.0	7.3
Santa Rosa	139.7	143.4	145.0	11.4	16.1	15.9	8.1	11.1	11.0
Stockton	169.3	168.5	168.0	20.9	32.1	30.4	12.3	19.0	18.1
Vallejo—Fairfield—Napa	132.8	136.6	137.9	10.0	15.4	14.3	7.6	11.2	10.4
COLORADO	1,509.4	1,532.6	1,541.3	81.0	102.2	102.2	5.4	6.7	6.6
Denver—Boulder	887.5	913.8	916.7	42.3	51.9	51.6	4.7	5.7	5.6
CONNECTICUT	1,589.6	1,608.8	1,614.8	96.8	113.5	110.8	6.1	7.1	6.9
Bridgeport	193.3	194.5	196.2	12.2	13.6	14.8	6.3	7.0	7.5
Hartford	383.6	391.8	392.6	20.0	26.0	24.5	5.2	6.6	6.2
New Britain	73.2	74.9	75.5	5.0	6.5	6.4	6.7	8.6	8.5
New Haven—West Haven	199.2	200.7	200.1	13.4	14.6	13.7	6.7	7.3	6.9
Stamford	121.8	123.7	124.3	4.7	4.9	4.9	3.9	4.0	3.9
Waterbury	106.9	109.1	109.0	8.8	10.0	9.7	8.2	9.2	8.9
DELAWARE	284.7	295.2	289.7	20.6	24.3	22.7	7.2	8.2	7.6
Wilmington[r]	253.6	261.0	264.0	17.9	21.5	20.9	7.1	8.2	7.9
DISTRICT OF COLUMBIA	309.0	309.3	308.4	25.4	32.6	32.7	8.2	10.6	10.6
Washington SMSA	1,677.7	1,688.8	1,689.6	77.7	103.1	99.2	4.6	6.1	5.9
FLORIDA[r]	4,410.3	4,598.0	4,643.8	238.4	393.2	366.2	5.4	8.6	7.9
Bradenton	64.4	72.7	72.7	3.1	5.9	5.5	4.8	8.1	7.5
Daytona Beach	107.6	111.5	112.8	5.9	9.5	8.2	5.5	8.5	7.3
Fort Lauderdale—Hollywood	475.1	487.1	489.3	21.0	37.2	33.4	4.4	7.6	6.8
Fort Myers—Cape Coral	94.6	98.3	99.9	4.4	8.9	7.4	4.7	9.0	7.4
Gainsville	75.1	80.0	81.6	2.8	3.9	3.9	3.7	4.9	4.7
Jacksonville	328.4	343.0	347.8	18.3	28.4	25.4	5.6	8.3	7.3
Lakeland—Winter Haven	143.9	151.9	151.3	11.3	19.5	19.8	7.8	12.9	13.1
Melbourne—Titusville—Cocoa	119.0	122.4	124.1	8.5	10.9	10.8	7.2	8.9	8.7
Miami	801.4	826.1	827.2	44.0	72.1	65.6	5.5	8.8	7.9
Orlando	357.1	371.2	376.2	18.6	28.6	26.2	5.2	7.7	7.0
Panama City	41.8	43.3	44.9	3.4	5.0	5.1	8.1	11.6	11.4
Pensacola	117.5	121.9	124.1	5.7	9.5	8.0	4.9	7.8	6.5
Sarasota	77.7	82.6	83.8	3.1	6.5	6.6	4.0	7.9	7.9
Tallahassee	84.8	84.0	85.5	3.0	4.2	4.3	3.6	5.0	5.0
Tampa—St. Petersburg	680.9	720.4	729.1	33.8	56.5	54.8	5.0	7.8	7.5
West Palm Beach—Boca Raton	268.1	284.2	286.0	14.4	24.3	22.2	5.4	8.5	7.7

See footnotes at end of table.

STATE AND AREA UNEMPLOYMENT DATA

D-1. Labor force and unemployment by State and selected metropolitan areas — Continued

(Numbers in thousands)

State and area	Labor force			Unemployment					
				Number			Percent of labor force		
	APR. 1981	MAR. 1982	APR. 1982P	APR. 1981	MAR. 1982	APR. 1982P	APR. 1981	MAR. 1982	APR. 1982
GEORGIA	2,583.9	2,626.8	2,632.5	151.1	202.7	186.3	5.8	7.7	7.1
Albany	52.5	54.7	55.2	3.9	4.7	4.9	7.3	8.5	8.8
Atlanta	1,063.7	1,091.6	1,094.1	53.5	69.2	63.0	5.0	6.3	5.8
Augusta	130.7	134.7	136.0	8.7	11.7	11.2	6.7	8.7	8.2
Columbus[1]	87.5	88.5	87.7	7.1	10.9	8.0	8.1	12.3	9.1
Macon	105.1	108.2	108.7	5.8	7.2	6.8	5.6	6.7	6.2
Savannah	94.5	99.9	100.1	5.6	7.0	6.8	6.0	7.0	6.8
HAWAII	449.3	451.4	450.7	22.7	26.2	26.8	5.1	5.8	6.0
Honolulu	347.2	348.0	347.4	16.1	18.7	19.1	4.6	5.4	5.5
IDAHO	424.8	425.1	432.6	32.5	43.7	45.6	7.6	10.3	10.5
Boise City	89.9	89.7	90.5	5.6	6.8	6.7	6.2	7.6	7.4
ILLINOIS[1]	5,549.6	5,530.9	5,571.9	453.8	565.4	562.6	8.2	10.2	10.1
Bloomington—Normal	62.6	62.2	63.6	3.7	5.5	5.4	6.0	8.9	8.6
Champaign—Urbana—Rantoul	85.8	86.0	87.3	4.7	5.3	5.3	5.4	6.4	6.1
Chicago	3,468.9	3,473.7	3,473.4	270.6	329.5	331.1	7.8	9.5	9.5
Davenport—Rock Island—Moline[1]	187.3	191.7	193.2	13.8	25.2	25.3	7.4	13.1	13.1
Decatur	61.9	63.4	62.1	6.9	8.5	7.9	11.1	13.4	12.6
Kankakee	41.0	42.1	42.4	4.5	6.7	6.4	11.0	16.0	15.2
Peoria	173.7	172.3	173.9	14.7	19.0	19.7	8.4	11.0	11.4
Rockford	134.4	134.6	138.2	12.4	17.5	20.6	9.2	13.0	14.9
Springfield	97.0	97.6	98.5	6.2	7.0	6.4	6.4	7.1	6.5
INDIANA	2,616.4	2,580.5	2,557.3	255.0	332.7	313.4	9.7	12.9	12.3
Anderson	56.0	56.3	55.3	6.2	11.7	10.6	11.1	20.8	19.3
Elkhart	66.6	65.1	64.4	5.8	7.3	6.4	8.7	11.2	10.0
Evansville[1]	147.4	145.7	143.8	12.0	15.3	12.7	8.2	10.5	8.8
Fort Wayne	193.6	187.8	187.2	19.9	24.1	23.8	10.3	12.8	12.7
Gary—Hammond—East Chicago	294.3	289.1	287.4	31.7	41.7	42.3	10.8	14.4	14.7
Indianapolis	606.2	601.0	593.4	47.0	60.0	54.6	7.8	10.0	9.2
Lafayette—West Lafayette	63.6	63.0	63.0	4.0	5.3	5.2	6.3	8.4	8.3
Muncie	58.3	58.0	57.3	6.7	9.8	9.2	11.5	17.0	16.0
South Bend	137.9	134.1	132.5	13.4	14.8	13.6	9.7	11.0	10.3
Terre Haute	81.9	77.2	76.6	8.8	10.0	10.4	10.7	13.0	13.6
IOWA	1,431.5	1,428.7	1,437.2	93.7	146.4	122.1	6.5	10.2	8.5
Cedar Rapids	88.3	87.3	87.0	7.0	8.9	9.1	7.9	10.2	10.5
Des Moines	183.8	184.3	181.7	12.4	15.4	14.0	6.7	8.4	7.7
Dubuque	45.4	45.0	44.4	4.9	6.6	6.1	10.9	14.7	13.8
Sioux City[1]	55.0	55.8	55.2	3.7	4.9	4.5	6.8	8.8	8.1
Waterloo—Cedar Falls	68.6	70.2	69.7	5.2	17.8	8.5	7.6	25.4	12.2
KANSAS	1,186.2	1,160.6	1,161.8	46.7	63.9	62.5	3.9	5.5	5.4
Lawrence	34.9	34.7	34.4	1.4	1.7	1.4	4.0	4.9	4.2
Topeka	95.2	93.5	92.7	4.9	6.0	5.3	5.1	6.4	5.7
Wichita	227.2	223.6	223.5	8.8	14.3	16.4	3.9	6.4	7.4
KENTUCKY	1,660.9	1,586.2	1,599.5	140.6	169.6	165.0	8.5	10.7	10.3
Lexington—Fayette	179.0	171.2	176.0	8.9	10.6	10.7	5.0	6.2	6.1
Louisville[1]	434.6	419.7	420.7	34.5	50.0	49.6	7.9	11.9	11.8
Owensboro	43.2	39.0	39.4	3.1	4.0	4.0	7.1	10.1	10.1
LOUISIANA	1,838.5	1,855.4	1,875.3	153.6	168.0	184.7	8.4	10.1	9.9
Alexandria	72.6	72.5	73.0	8.3	8.5	8.2	11.4	11.7	11.2
Baton Rouge	225.6	224.9	226.3	17.8	19.3	19.2	7.9	8.6	8.5
Lafayette	89.6	93.6	96.3	3.7	4.7	4.3	4.1	5.0	4.4
Lake Charles	81.1	79.9	80.3	7.0	11.6	10.7	8.6	14.6	13.3
Monroe	57.1	54.9	55.6	6.0	6.9	6.8	10.5	12.5	12.2
New Orleans	512.5	509.2	513.0	39.3	47.7	47.8	7.7	9.4	9.3
Shreveport	162.6	162.8	163.5	13.5	14.6	14.1	8.3	8.9	8.6
MAINE	499.0	508.3	516.4	36.4	47.3	47.9	7.3	9.3	9.3
Lewiston—Auburn	38.5	38.8	38.9	2.7	3.9	4.0	6.9	10.2	10.4
Portland	91.7	95.3	95.6	5.3	6.2	6.1	5.8	6.5	6.4
MARYLAND	2,163.3	2,172.8	2,190.7	145.2	202.9	189.2	6.7	9.3	8.6
Baltimore	1,081.5	1,089.1	1,099.9	81.9	116.0	108.1	7.6	10.6	9.8

See footnotes at end of table.

D-1. Labor force and unemployment by State and selected metropolitan areas—Continued

(Numbers in thousands)

State and area	Labor force			Unemployment					
				Number			Percent of labor force		
	APR. 1981	MAR. 1982	APR. 1982P	APR. 1981	MAR. 1982	APR. 1982P	APR. 1981	MAR. 1982	APR. 1982P
MASSACHUSETTS[2]	2,853.6	2,976.5	2,948.8	145.2	226.5	234.8	5.1	7.6	8.0
Boston	1,393.6	1,444.4	1,427.9	63.7	93.8	96.3	4.6	6.5	6.7
Brockton	79.4	82.2	81.3	5.0	7.4	7.8	6.3	9.0	9.6
Fall River[1]	71.5	75.6	74.3	4.8	9.1	8.6	6.8	12.0	11.6
Lawrence—Haverhill[1]	143.5	146.9	146.5	7.2	11.6	12.3	5.1	7.9	8.4
Lowell	123.4	130.8	130.1	5.8	8.7	9.4	4.7	6.6	7.3
New Bedford	83.0	84.7	84.6	5.9	10.8	11.2	7.1	12.7	13.3
Springfield—Chicopee—Holyoke	269.5	293.7	288.5	13.7	22.3	22.6	5.1	7.6	7.8
Worcester	193.9	201.6	198.6	9.2	14.6	16.3	4.8	7.2	8.2
MICHIGAN[2]	4,273.6	4,251.5	4,217.9	520.8	724.6	654.3	12.2	17.0	15.5
Ann Arbor	144.9	141.8	142.2	11.3	16.2	14.0	7.8	11.4	9.8
Battle Creek	78.6	80.2	81.0	8.6	12.7	12.3	10.9	15.9	15.2
Bay City	52.8	55.5	54.5	6.9	10.6	8.7	13.1	19.2	16.0
Detroit	1,989.1	1,960.4	1,926.9	256.0	339.1	295.3	12.9	17.3	15.3
Flint	224.6	229.0	224.7	30.3	53.9	52.2	13.5	23.5	23.2
Grand Rapids	317.6	324.9	325.9	27.2	44.4	39.2	8.6	13.7	12.0
Jackson	66.2	66.7	66.0	7.5	11.2	10.2	11.3	16.8	15.4
Kalamazoo—Portage	137.8	137.6	137.9	11.7	16.8	14.9	8.5	12.2	10.8
Lansing—East Lansing	244.2	241.1	245.0	25.6	32.7	37.2	10.5	13.6	15.2
Muskegon—Norton Shores—Muskegon Heights	77.1	77.7	78.3	10.7	13.9	13.2	13.8	17.9	16.8
Saginaw	101.4	103.7	101.6	11.2	21.4	18.2	11.1	20.6	17.9
MINNESOTA	2,136.6	2,096.3	2,134.5	115.6	162.4	148.4	5.4	7.7	7.0
Duluth—Superior[1]	114.7	111.2	111.0	9.4	15.0	14.2	8.2	13.5	12.8
Minneapolis—St. Paul	1,145.8	1,142.5	1,150.6	49.1	68.8	63.9	4.3	6.0	5.6
Rochester	56.1	56.3	56.9	2.3	3.4	3.1	4.1	6.0	5.4
St. Cloud	74.9	73.9	75.3	5.1	7.5	6.8	6.8	10.2	9.0
MISSISSIPPI	1,047.5	1,074.3	1,071.3	81.8	103.6	102.9	7.8	9.6	9.6
Jackson	158.6	163.1	163.1	9.4	10.5	10.3	5.9	6.5	6.3
MISSOURI	2,308.6	2,302.1	2,329.9	166.2	212.9	195.6	7.2	9.2	8.4
Kansas City[1]	684.2	673.4	672.9	40.8	57.8	54.1	6.0	8.6	8.0
St. Joseph	45.3	43.6	44.1	3.8	4.6	4.3	8.4	10.6	9.7
St. Louis[1]	1,112.5	1,101.0	1,111.6	90.3	102.8	97.1	8.1	9.3	8.7
Springfield	107.6	107.2	108.5	6.7	7.6	7.4	6.2	7.1	6.8
MONTANA	378.7	389.9	392.0	27.2	40.6	36.5	7.2	10.4	9.3
Billings	56.6	60.1	60.5	3.0	3.9	3.7	5.2	6.4	6.2
Great Falls	33.9	36.5	36.8	3.0	3.2	3.0	8.9	8.7	8.1
NEBRASKA	770.0	773.2	781.1	28.5	48.7	40.7	3.7	6.3	5.2
Lincoln	109.4	111.6	111.0	3.7	5.9	5.2	3.4	5.3	4.7
Omaha[1]	279.1	283.3	282.6	14.8	21.0	18.1	5.3	7.4	6.4
NEVADA	456.6	482.5	486.0	32.7	40.1	41.9	7.2	8.3	8.6
Las Vegas	255.3	270.1	271.4	21.0	23.7	25.6	8.2	8.8	9.4
Reno	125.2	133.1	133.7	6.7	9.2	9.1	5.3	6.9	6.8
NEW HAMPSHIRE	470.1	480.9	487.1	23.0	37.0	40.7	4.9	7.7	8.4
Manchester	83.4	84.3	85.2	4.7	6.9	7.1	5.6	8.1	8.3
Nashua	81.5	83.4	83.9	3.0	5.9	6.0	3.7	7.1	7.1
NEW JERSEY	3,574.0	3,589.7	3,594.2	269.8	330.6	319.2	7.5	9.2	8.9
Atlantic City	112.1	116.9	118.5	9.0	13.5	12.8	8.0	11.5	10.8
Jersey City	245.2	248.6	249.4	20.8	34.0	35.1	11.8	13.7	14.1
Long Branch—Asbury Park	238.8	242.1	243.4	17.7	21.3	20.2	7.4	8.8	8.3
New Brunswick—Perth Amboy—Sayreville	331.0	331.2	330.3	21.1	25.1	25.5	6.4	7.6	7.7
Newark	966.2	972.4	971.4	70.6	85.0	80.7	7.3	8.7	8.3
Paterson—Clifton—Passaic	209.7	210.4	209.6	19.3	23.9	23.9	9.2	11.4	11.4
Trenton	158.9	159.8	159.0	9.2	13.3	12.5	5.8	8.3	7.9
Vineland—Millville—Bridgeton	58.8	60.5	60.3	7.9	10.7	10.5	13.5	17.7	17.5
NEW MEXICO	571.5	572.4	574.0	40.5	44.0	44.8	7.1	7.7	7.8
Albuquerque	212.1	209.6	211.0	15.0	15.3	14.9	7.1	7.3	7.1
Las Cruces	35.4	36.4	36.7	2.8	3.2	3.0	7.9	8.7	8.3

See footnotes at end of table.

STATE AND AREA UNEMPLOYMENT DATA

D-1. Labor force and unemployment by State and selected metropolitan areas – Continued

(Numbers in thousands)

State and area	Labor force			Unemployment					
				Number			Percent of labor force		
	APR. 1981	MAR. 1982	APR. 1982P	APR. 1981	MAR. 1982	APR. 1982P	APR. 1981	MAR. 1982	APR. 1982P
NEW YORK[1]	8,047.2	8,058.4	7,966.1	642.9	692.2	619.3	8.0	8.6	7.8
Albany–Schenectady–Troy	382.4	383.2	379.5	24.2	26.0	22.9	6.3	6.8	6.0
Binghamton[1]	138.7	144.1	141.9	9.5	10.9	9.8	6.9	7.6	6.9
Buffalo	568.9	567.1	559.4	53.3	69.7	64.6	9.4	12.3	11.6
Elmira	39.7	39.5	38.6	3.2	3.8	3.9	8.0	9.7	10.0
Nassau-Suffolk	1,319.1	1,320.8	1,323.6	79.5	74.4	69.4	6.0	5.6	5.2
New York	3,690.4	3,669.2	3,609.0	323.6	337.3	300.8	8.8	9.2	8.3
New York City[1]	3,071.0	3,045.0	2,985.0	293.0	308.0	273.0	9.5	10.1	9.1
Poughkeepsie	110.5	114.1	111.9	6.5	6.7	5.9	5.9	5.9	5.2
Rochester	472.3	486.5	479.1	28.0	36.3	29.4	5.9	7.5	6.1
Syracuse	302.3	301.7	299.3	21.5	23.5	20.5	7.1	7.8	6.8
Utica–Rome	135.9	137.4	136.9	11.6	12.2	11.1	8.6	8.9	8.1
NORTH CAROLINA	2,903.6	2,946.3	2,921.1	177.7	285.4	239.2	6.1	9.7	8.2
Asheville	88.9	88.9	86.7	6.4	8.2	7.2	7.2	9.2	8.3
Charlotte–Gastonia	370.9	375.4	374.0	17.0	24.8	23.5	4.6	6.6	6.3
Greensboro–Winston-Salem–High Point	443.8	434.7	449.4	22.9	39.4	31.1	5.2	8.7	6.9
Raleigh–Durham	312.2	317.3	317.4	10.4	15.0	12.9	3.3	4.7	4.1
NORTH DAKOTA	305.7	307.6	316.6	16.8	16.1	16.0	5.5	5.3	5.0
Fargo–Moorehead[1]	70.6	73.1	73.1	4.2	4.2	3.9	6.0	5.8	5.3
OHIO[1]	5,058.1	5,013.8	5,050.2	386.0	615.6	605.8	7.6	12.3	12.0
Akron	300.4	297.2	299.6	22.3	35.3	34.1	7.4	11.9	11.4
Canton	186.9	187.3	189.4	14.3	25.4	24.6	7.7	13.6	13.0
Cincinnati[1]	678.3	664.3	668.8	48.9	73.0	68.2	7.2	11.0	10.2
Cleveland	927.7	903.7	909.6	63.3	92.5	88.7	6.8	10.2	9.8
Columbus	559.4	553.8	558.5	34.4	51.4	50.8	6.1	9.3	9.1
Dayton	388.2	387.5	389.1	24.9	45.2	43.5	6.4	11.7	11.2
Toledo[1]	366.9	N.A.	N.A.	31.8	N.A.	N.A.	8.7	N.A.	N.A.
Youngstown–Warren	229.7	231.2	236.9	21.1	41.1	46.2	9.2	17.8	19.5
OKLAHOMA	1,428.3	1,471.3	1,482.0	68.3	70.9	72.7	4.8	4.8	4.9
Enid	30.0	29.9	29.8	.8	1.0	1.2	2.7	3.4	4.0
Lawton	34.4	34.5	34.8	1.5	1.5	1.6	4.3	4.3	4.5
Oklahoma City	715.1	737.1	741.9	33.3	33.9	35.9	4.7	4.6	4.8
Tulsa	532.0	560.4	561.4	31.4	33.4	33.1	5.9	6.0	5.9
OREGON	1,320.1	1,311.4	1,310.7	139.6	161.0	154.1	9.6	12.3	11.8
Eugene–Springfield	138.7	135.6	135.5	15.7	17.8	17.1	11.4	13.1	12.6
Portland	652.7	651.8	652.1	49.7	66.9	65.6	7.6	10.2	10.1
Salem	121.4	122.9	123.2	11.5	13.3	13.4	9.3	10.9	10.9
PENNSYLVANIA[1]	5,399.6	5,399.5	5,423.5	373.8	572.5	556.7	6.9	10.6	10.3
Allentown–Bethlehem–Easton	307.5	307.4	307.4	20.1	32.7	30.8	6.5	10.6	10.0
Altoona	57.0	57.1	57.1	3.6	7.8	6.6	6.3	13.6	11.5
Erie	124.9	122.4	122.5	10.9	16.6	14.0	8.7	13.6	11.4
Harrisburg	233.9	234.3	234.8	11.3	15.9	14.2	4.8	6.8	6.0
Johnstown	106.3	104.8	105.2	12.7	16.4	13.8	12.0	15.6	13.1
Lancaster	182.9	182.9	184.5	8.1	14.5	13.6	4.4	7.9	7.4
Northeast Pennsylvania	284.3	285.0	285.7	24.0	33.7	32.5	8.4	11.8	11.4
Philadelphia[1]	2,184.2	2,162.0	2,181.8	138.6	194.4	184.2	6.3	9.0	8.5
Pittsburgh	1,021.9	1,011.8	1,023.1	63.6	106.3	108.8	6.2	10.3	10.6
Reading	136.3	136.2	138.7	10.7	16.8	16.4	8.9	10.5	10.3
Williamsport	52.9	53.1	52.7	5.4	7.0	6.2	10.3	13.1	11.7
York	176.4	177.8	179.6	11.5	17.9	18.1	6.5	10.1	10.1
RHODE ISLAND	477.5	473.5	470.6	36.8	46.6	46.6	7.7	10.3	9.9
Providence–Warwick–Pawtucket[1]	470.9	468.3	464.6	36.0	47.9	47.6	7.6	10.2	10.2
SOUTH CAROLINA	1,413.5	1,452.0	1,480.6	109.5	158.9	155.6	7.7	10.9	10.5
Charleston–North Charleston	170.7	175.7	179.0	12.1	19.7	14.9	7.1	8.9	8.3
Columbia	186.6	192.3	195.1	10.6	13.7	12.8	5.7	7.1	6.5
Greenville–Spartanburg	283.4	292.3	298.3	19.3	27.8	28.2	6.8	9.5	9.4
SOUTH DAKOTA	330.7	328.5	328.1	15.3	18.1	16.8	4.6	5.6	5.1
Sioux Falls	62.9	63.6	64.0	3.0	3.3	3.0	4.8	5.2	4.6
TENNESSEE	2,101.5	2,093.1	2,061.0	182.8	250.6	221.0	8.7	12.0	10.7
Chattanooga[1]	198.5	202.9	199.1	16.6	23.5	20.6	8.3	11.6	10.4
Knoxville	227.6	230.7	226.1	17.1	21.0	16.1	7.5	9.1	7.1
Memphis[1]	406.2	402.0	394.9	30.7	38.7	32.0	7.6	9.6	8.1
Nashville–Davidson	431.7	422.0	417.6	28.5	37.4	34.0	6.6	8.9	8.1

See footnotes at end of table.

D-1. Labor force and unemployment by State and selected metropolitan areas—Continued

(Numbers in thousands)

State and area	Labor force			Unemployment					
				Number			Percent of labor force		
	APR. 1981	MAR. 1982	APR. 1982P	APR. 1981	MAR. 1982	APR. 1982P	APR. 1981	MAR. 1982	APR. 1982P
TEXAS[2]	6,999.4	7,287.6	7,251.6	298.5	412.6	428.8	4.3	5.7	5.9
Dallas—Fort Worth	1,644.0	1,719.6	1,712.6	62.3	88.8	90.3	3.8	5.2	5.3
Houston	1,843.0	1,739.6	1,725.0	54.5	85.4	86.8	3.1	4.9	5.0
San Antonio	455.0	466.0	464.8	24.2	28.6	31.9	5.3	6.1	6.9
UTAH	638.2	664.9	664.6	42.0	54.1	50.3	6.6	8.2	7.6
Salt Lake City—Ogden	418.0	435.1	433.3	27.4	33.5	31.3	6.6	7.7	7.2
VERMONT	258.7	261.6	260.8	16.1	22.4	23.4	6.2	8.6	9.0
VIRGINIA	2,588.5	2,627.7	2,621.1	155.6	207.5	188.3	6.0	7.9	7.2
Lynchburg	74.8	75.4	75.9	4.3	5.5	6.1	5.8	7.3	8.1
Newport News—Hampton	164.9	166.8	168.6	9.8	12.0	10.8	5.9	7.2	6.4
Norfolk—Virginia Beach—Portsmouth[1]	328.9	336.9	337.8	21.5	24.8	25.0	6.6	7.4	7.4
Petersburg—Colonial Heights—Hopewell	57.7	59.9	59.6	4.3	5.9	4.9	7.4	9.9	8.3
Richmond	332.5	341.0	339.1	13.4	20.0	18.9	4.0	5.9	5.6
Roanoke	110.1	111.0	111.1	6.6	8.2	8.2	6.0	7.4	7.4
WASHINGTON	1,986.4	1,987.6	1,987.9	181.8	249.4	247.3	9.2	12.5	12.4
Seattle—Everett[1]	867.8	867.8	864.7	65.6	90.8	90.4	7.6	10.5	10.5
Spokane	150.6	150.8	149.1	14.1	20.2	18.2	9.3	13.4	12.2
Tacoma	177.1	182.5	182.0	16.6	22.3	22.0	9.4	12.2	12.1
WEST VIRGINIA	810.8	763.4	760.6	109.7	86.6	85.9	13.5	11.3	11.2
Charleston	126.7	123.2	122.3	12.8	10.6	10.0	9.9	8.6	8.2
Huntington—Ashland[1]	127.0	123.3	122.5	13.9	14.8	13.8	11.0	12.0	11.3
Parkersburg—Marietta[1]	74.6	73.2	72.8	6.7	9.0	8.6	8.9	12.3	11.8
Wheeling[1]	81.2	81.8	81.8	8.6	10.0	10.0	10.4	12.3	12.2
WISCONSIN	2,364.9	2,358.8	2,379.9	187.6	236.3	237.4	7.9	10.0	10.0
Appleton—Oshkosh	147.5	147.4	150.2	11.8	14.1	15.3	8.0	9.6	10.2
Eau Claire	58.4	59.0	60.0	4.4	5.7	5.5	7.6	9.6	9.2
Green Bay	90.0	89.5	90.2	7.7	8.2	7.5	8.6	9.2	8.3
Janeville—Beloit	69.4	71.6	72.1	4.7	12.6	11.5	6.7	17.9	16.0
Kenosha	59.4	55.8	57.2	5.8	6.5	7.1	9.8	11.7	12.4
La Crosse	48.6	49.1	49.4	3.7	4.4	4.0	7.7	8.9	8.1
Madison	182.1	184.5	185.7	9.8	13.0	12.0	5.4	7.0	6.4
Milwaukee	714.7	710.8	711.6	54.0	62.3	63.9	7.6	8.8	9.0
Racine	86.3	83.9	84.6	8.3	9.8	13.8	9.6	11.7	16.3
WYOMING	249.8	253.0	260.3	10.0	12.3	13.2	4.1	4.9	5.1

[1] Includes interstate portion of area located in adjacent State.
[2] Data are obtained directly from the Current Population Survey. (See "Explanatory Notes" for State and Area Unemployment Data in Employment and Earnings, monthly.)

NOTE: Estimates for 1981 have been benchmarked to 1981 Current Population Survey annual averages. Except in the 10 States and 2 areas designated by footnote 2, estimates for 1982 are provisional and will be revised when new benchmark information becomes available. Data refer to place of residence.
p = preliminary.
N.A. = not available.

SOURCE: Current Population Survey and Cooperating State Employment Security Agencies listed on inside back cover.

Labor force and unemployment estimates for counties, cities, and other small areas have been prepared for administration of various Federal economic assistance programs and may be ordered from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. The report "Employment and Unemployment in States and Local Areas" is published monthly through GPO and is available on microfiche only on a subscription basis.

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STATE AND AREA UNEMPLOYMENT DATA

1. Labor force and unemployment by State and selected metropolitan areas

(Numbers in thousands)

State and area	Labor force		Unemployment			
			Number		Percent of labor force	
	AVE. 1980	AVE. 1981	AVE. 1980	AVE. 1981	AVE. 1980	AVE. 1981
ALABAMA	1,676.0	1,665.0	147.0	178.0	8.8	10.7
Birmingham	385.7	377.7	34.5	40.1	8.9	10.6
Huntsville	140.6	145.7	13.1	14.9	9.3	10.4
Mobile	186.0	180.1	14.1	18.1	7.5	9.6
Montgomery	133.8	131.7	9.7	11.1	7.1	8.3
Tuscaloosa	53.3	54.8	4.3	5.5	7.9	10.0
ALASKA	187.0	192.0	18.0	18.0	9.7	9.3
ARIZONA	1,239.0	1,265.0	83.0	98.0	6.7	8.1
Phoenix	757.9	773.4	44.6	58.5	5.9	5.1
Tucson	324.4	339.9	13.0	17.1	5.8	5.3
ARKANSAS	999.0	1,039.0	76.0	94.0	7.6	9.1
Fayetteville-Springdale	78.0	81.3	4.3	4.5	5.5	5.6
Fort Smith[1]	88.7	90.3	8.4	8.7	9.5	9.1
Little Rock—North Little Rock	193.1	197.9	13.6	15.2	7.1	7.7
Pine Bluff	40.2	41.0	2.6	4.1	6.4	10.1
CALIFORNIA	11,591.0	11,791.0	790.0	933.0	6.8	7.4
Anaheim—Santa Ana—Garden Grove	1,117.3	1,156.4	69.0	53.0	4.6	5.5
Bakersfield	185.7	194.7	14.7	17.1	7.9	8.8
Fresno	274.3	279.7	24.9	28.5	9.1	10.5
Los Angeles—Long Beach	3,793.0	3,727.0	250.0	251.0	6.6	6.8
Modesto	130.3	136.5	17.7	18.4	13.2	14.3
Oxnard—Simi Valley—Ventura	234.5	246.5	17.3	19.6	7.4	7.9
Riverside—San Bernardino—Ontario	596.7	606.9	45.4	51.5	7.7	8.5
Sacramento	477.1	494.1	38.1	43.5	8.0	8.8
Salinas—Seaside—Monterey	133.5	137.1	12.4	13.6	9.3	9.9
San Diego	734.5	797.3	51.7	56.8	6.6	7.1
San Francisco—Oakland	1,653.7	1,689.8	90.6	101.2	5.5	6.0
San Jose	758.0	788.1	39.3	49.3	5.2	6.1
Santa Barbara—Santa Maria—Lompoc	149.2	153.7	8.3	9.3	5.6	6.1
Santa Rosa	135.9	141.1	10.0	11.5	7.4	8.2
Stockton	165.0	177.6	17.7	20.7	10.8	12.0
Vallejo—Fairfield—Napa	178.9	193.7	9.7	10.9	7.6	8.7
COLORADO	1,500.0	1,539.0	88.0	84.0	5.9	5.5
Denver—Boulder	889.6	910.0	47.9	45.5	5.4	5.0
CONNECTICUT	1,996.0	1,999.0	94.0	99.0	5.9	6.2
Bridgeport	194.6	192.2	11.9	11.8	6.1	6.2
Hartford	384.1	384.4	19.2	21.7	5.0	5.7
New Britain	76.6	77.7	4.6	5.2	6.0	7.0
New Haven—West Haven	203.5	198.8	12.9	13.3	6.3	6.7
Stamford	122.4	122.5	5.0	4.8	4.1	3.9
Waterbury	108.6	106.6	8.6	8.7	7.9	7.7
DELAWARE	285.0	288.0	22.0	23.0	7.7	7.9
Wilmington[1]	254.0	256.7	19.5	20.1	7.7	7.9
DISTRICT OF COLUMBIA	310.0	313.0	26.0	28.0	7.3	9.0
Washington SMSA[1]	1,686.1	1,690.9	72.6	85.8	4.3	5.1
FLORIDA	4,360.0	4,513.0	251.0	308.0	5.9	6.9
Bradenton	61.8	66.7	3.1	4.0	5.0	6.1
Daytona Beach	103.2	108.9	5.7	7.1	5.6	6.5
Fort Lauderdale—Hollywood	456.5	493.1	31.1	35.9	6.8	7.3
Fort Myers—Cape Coral	86.6	96.9	4.5	5.6	5.2	5.8
Gainesville	75.1	78.0	3.5	3.5	4.3	4.5
Jacksonville	333.6	338.3	17.9	22.2	5.5	6.5
Lakeland—Winter Haven	138.8	148.5	13.3	17.7	9.5	11.9
Melbourne—Titusville—Cocoa	116.0	122.6	7.8	10.0	6.8	8.1
Miami	784.6	818.2	44.6	55.6	5.8	6.8
Orlando	348.3	366.8	19.8	24.7	5.8	6.7
Panama City	40.6	43.0	3.6	4.3	8.8	9.9
Pensacola	115.8	121.0	6.6	7.5	5.7	6.2
Sarasota	75.1	78.0	3.5	4.2	4.7	5.3
Tallahassee	84.7	86.5	3.5	3.8	4.1	4.4
Tampa—St. Petersburg	658.1	697.8	35.4	43.0	5.4	6.2
West Palm Beach—Boca Raton	250.8	272.7	14.9	18.6	5.9	6.8

See footnotes at end of table.

1. Labor force and unemployment by State and selected metropolitan areas—Continued

(Numbers in thousands)

State and area	Labor force		Unemployment			
			Number		Percent of labor force	
	AVE. 1980	AVE. 1981	AVE. 1980	AVE. 1981	AVE. 1980	AVE. 1981
GEORGIA	2,564.0	2,596.0	163.0	165.0	6.4	6.4
Albany	51.6	53.4	4.1	4.3	7.9	8.1
Atlanta	1,035.7	1,066.3	57.1	58.6	5.5	5.5
Augusta	130.6	131.7	9.7	9.5	6.7	7.2
Columbus[1]	87.5	88.5	6.7	7.4	7.7	8.3
Macon	104.6	106.7	6.7	6.6	6.0	6.2
Savannah	93.7	96.0	6.7	5.8	6.6	6.1
HAWAII	539.0	569.0	31.0	34.0	5.8	5.6
Honolulu	338.9	346.7	15.6	17.1	4.7	4.9
IDAHO	479.0	478.0	36.0	32.0	7.8	7.6
Boise City	80.6	80.7	5.7	5.4	6.3	6.1
ILLINOIS	5,530.0	5,577.0	454.0	474.0	8.3	8.5
Bloomington—Normal	61.0	62.1	3.4	3.6	5.7	6.1
Champaign—Urbana—Rantoul	85.3	85.1	5.0	5.0	5.8	5.9
Chicago	3,669.7	3,699.0	267.7	281.6	7.7	8.1
Davenport—Rock Island—Moline[1]	188.9	188.6	13.1	16.3	6.9	8.6
Decatur	61.8	62.7	7.2	6.9	11.7	11.0
Kankakee	47.6	47.5	6.9	5.1	13.5	10.7
Peoria	176.6	176.4	14.6	14.7	8.2	8.4
Rockford	137.8	135.9	14.1	13.7	10.1	10.1
Springfield	98.6	98.7	7.6	6.6	7.5	6.7
INDIANA	2,631.0	2,617.0	202.0	243.0	8.4	10.1
Anderson	55.1	56.7	9.5	7.0	16.0	12.5
Elkhart	68.9	68.0	7.9	4.4	11.5	6.6
Evansville[1]	5.6.	149.0	5.6.	13.7	5.6.	9.6
Fort Wayne	196.1	197.6	15.4	16.9	8.0	10.1
Gary—Hammond—East Chicago	388.4	394.8	33.6	33.8	11.7	11.7
Indianapolis	606.7	613.3	44.7	51.4	7.6	9.6
Lafayette—West Lafayette	47.0	47.8	3.9	4.4	8.4	7.0
Muncie	57.6	57.6	6.1	7.0	11.0	13.2
South Bend	140.6	138.6	13.1	13.9	9.4	9.3
Terre Haute	89.8	90.1	8.6	9.0	9.0	10.0
IOWA	1,631.0	1,619.0	92.0	99.0	5.8	6.3
Cedar Rapids	85.4	87.0	5.4	5.1	6.5	6.1
Des Moines	193.6	191.7	10.1	12.6	5.5	6.9
Dubuque	45.6	46.7	3.0	4.9	6.5	10.8
Sioux City[1]	83.9	86.5	5.8	6.1	6.5	7.5
Waterloo—Cedar Falls	89.6	88.3	6.8	6.5	7.0	8.0
KANSAS	1,185.0	1,189.0	55.0	60.0	6.5	6.7
Lawrence	36.8	36.7	1.8	1.8	4.6	4.6
Topeka	80.8	81.7	5.7	5.3	5.5	5.5
Wichita	278.1	278.1	9.5	9.4	6.7	6.1
KENTUCKY	1,663.0	1,662.0	123.0	140.0	7.0	8.4
Lexington—Fayette	5.8.	179.8	9.8.	8.9	5.8.	5.0
Louisville[1]	5.8.	434.0	5.8.	39.0	5.8.	9.0
Owensboro	5.8.	47.6	5.8.	3.3	5.8.	7.1
LOUISIANA	1,789.0	1,857.0	121.0	154.0	6.7	8.4
Alexandria	71.8	73.3	4.7	8.1	9.1	11.0
Baton Rouge	323.9	337.6	13.4	17.9	4.0	5.6
Lafayette	87.0	91.3	5.7	6.0	6.9	6.6
Lake Charles	77.9	81.6	5.7	7.2	6.9	8.8
Monroe	56.3	57.1	4.0	6.1	9.6	10.5
New Orleans	501.5	514.9	30.2	40.3	6.0	7.8
Shreveport	169.3	163.9	11.6	13.6	7.1	8.3
MAINE	567.0	569.0	39.0	37.0	7.0	7.2
Lewiston—Auburn	98.8	98.3	5.0	5.0	7.8	7.7
Portland	80.6	81.6	4.3	4.2	5.4	5.6
MARYLAND	2,155.0	2,166.0	141.0	157.0	6.5	7.3
Baltimore	1,076.6	1,077.4	69.7	80.3	7.5	8.3

See footnotes at end of table.

STATE AND AREA UNEMPLOYMENT DATA

1. Labor force and unemployment by State and selected metropolitan areas—Continued

(Numbers in thousands)

State and area	Labor force		Unemployment			
			Number		Percent of labor force	
	AVE. 1980	AVE. 1981	AVE. 1980	AVE. 1981	AVE. 1980	AVE. 1981
MASSACHUSETTS						
Boston	2,876.0	2,961.0	167.0	188.0	5.6	6.4
Brockton	1,196.8	1,695.8	69.7	93.1	5.8	7.7
Fall River*	79.3	82.6	5.5	6.5	6.9	7.9
Lawrence—Haverhill*	72.1	74.3	5.0	6.1	9.1	8.2
Lowell	145.4	147.7	9.4	9.9	6.5	6.7
New Bedford	121.8	124.8	6.8	7.9	5.6	6.3
Springfield—Chicopee—Holyoke	83.6	86.2	6.8	7.6	8.1	8.8
Worcester	271.7	280.0	15.8	17.7	5.8	6.3
	194.3	200.4	9.9	11.6	5.0	5.8
MICHIGAN						
Ann Arbor	4,390.0	4,301.0	536.0	538.0	12.4	12.3
Battle Creek	144.5	143.4	11.7	12.3	8.1	8.6
Bay City	80.3	76.9	8.7	8.8	11.5	11.1
Detroit	56.1	53.3	8.0	6.6	14.0	12.4
Flint	2,015.1	1,995.5	263.1	268.0	13.1	13.6
Grand Rapids	276.9	276.6	40.0	36.3	17.8	15.1
Jackson	111.7	111.0	15.9	16.5	8.3	9.1
Kalamazoo—Portage	67.3	66.5	7.6	7.6	13.6	13.5
Lansing—East Lansing	135.5	136.6	11.3	12.1	8.3	8.7
Muskegon—Norton Shores—Muskegon Heights	236.6	245.8	24.6	26.6	10.4	10.8
Saginaw	78.6	78.1	10.4	10.5	13.3	13.4
	102.5	101.6	14.6	13.4	14.2	13.2
MINNESOTA						
Duluth—Superior*	2,108.0	2,143.0	125.0	118.0	5.9	5.5
Minneapolis—St. Paul	116.7	113.7	10.5	9.3	9.0	8.2
Rochester	1,137.0	1,153.5	51.8	53.7	4.6	4.7
St. Cloud	56.6	57.1	2.6	2.6	4.6	4.6
	73.1	74.7	5.8	5.6	7.9	7.5
MISSISSIPPI						
Jackson	1,060.0	1,053.0	80.0	88.0	7.5	8.3
	158.1	159.6	9.1	9.7	5.7	6.1
MISSOURI						
Kansas City*	7,310.0	7,337.0	167.0	178.0	7.7	7.7
St. Joseph	68.3	69.7	4.9	5.5	6.5	6.8
St. Louis*	66.7	66.7	3.4	3.6	7.5	8.7
Springfield	1,111.6	1,117.6	80.8	95.0	8.7	8.5
	104.5	107.3	6.0	6.4	5.7	6.0
MONTANA						
Billings	168.0	183.0	11.0	24.0	6.1	6.9
Great Falls	55.3	57.7	3.8	3.9	6.7	6.9
	33.5	36.7	2.6	2.7	7.0	7.8
NEBRASKA						
Lincoln	163.0	173.0	11.0	12.0	6.1	6.1
Omaha*	109.0	110.5	5.2	6.3	3.4	3.9
	275.6	281.1	14.7	15.6	5.3	5.6
NEVADA						
Las Vegas	430.0	463.0	22.0	33.0	5.2	7.1
Reno	138.6	158.6	17.1	21.0	7.2	8.1
	121.2	137.7	5.8	6.9	6.7	5.4
NEW HAMPSHIRE						
Manchester	475.0	480.0	23.0	26.0	4.7	5.0
Nashua	82.3	83.9	4.3	4.7	5.1	5.6
	78.0	81.6	3.4	3.8	4.4	4.6
NEW JERSEY						
Atlantic City	1,581.0	1,578.0	119.0	145.0	7.3	7.1
Jersey City	103.2	116.3	8.4	8.4	8.1	8.3
Long Branch—Asbury Park	268.2	267.4	15.1	16.8	10.3	11.0
New Brunswick—Perth Amboy—Sayreville	236.4	241.1	14.8	14.9	7.3	7.0
Newark	333.5	330.0	20.9	20.7	6.3	6.3
Paterson—Clifton—Passaic	968.9	965.3	69.3	68.3	7.3	7.1
Trenton	210.9	208.5	10.7	10.5	6.1	6.6
Vineland—Millville—Bridgeton	159.9	158.0	10.0	9.7	6.3	5.8
	59.6	59.2	6.6	7.5	11.0	12.7
NEW MEXICO						
Albuquerque	560.0	575.0	42.0	43.0	7.5	7.5
Las Cruces	209.6	212.0	16.7	15.8	7.9	7.4
	34.3	35.4	2.8	2.8	8.2	7.8

See footnotes at end of table.

1. Labor force and unemployment by State and selected metropolitan areas—Continued

(Numbers in thousands)

State and area	Labor force		Unemployment			
			Number		Percent of labor force	
	Ave. 1980	Ave. 1981	Ave. 1980	Ave. 1981	Ave. 1980	Ave. 1981
NEW YORK	7,973.0	8,016.0	597.0	612.0	7.5	7.6
Albany—Schenectady—Troy	397.1	398.0	21.0	23.1	5.3	6.1
Binghamton[1]	138.9	139.6	8.0	8.2	4.5	4.6
Buffalo	571.8	565.8	46.9	54.1	8.2	9.6
Elmira	39.8	39.6	3.1	3.1	7.7	7.8
Nassau-Suffolk	1,390.6	1,398.6	77.1	78.7	5.0	5.9
New York	3,666.6	3,656.7	280.1	302.6	8.0	8.3
New York City	3,060.0	3,039.0	262.0	273.0	8.6	9.0
Poughkeepsie	107.8	111.0	5.7	6.3	5.3	5.7
Rochester	448.5	476.6	20.2	28.4	4.0	6.0
Syracuse	309.6	301.6	22.2	21.1	7.3	7.0
Utica—Rome	134.5	135.5	10.1	10.3	7.4	7.6
NORTH CAROLINA	2,956.0	2,916.0	197.0	198.0	6.6	6.4
Asheville	86.9	89.5	5.1	5.9	5.9	6.6
Charlotte—Gastonia	369.3	377.9	17.6	18.3	4.8	4.8
Greensboro—Winston-Salem—High Point	433.1	445.6	25.7	25.1	5.9	5.6
Raleigh—Durham	306.5	311.1	13.6	11.1	4.5	3.6
NORTH DAKOTA	300.0	300.0	15.0	16.0	5.0	5.0
Fargo—Moorehead[1]	70.0	71.1	3.9	4.0	5.5	5.6
OHIO	5,098.0	5,085.0	426.0	490.0	8.4	9.6
Akron	303.0	301.0	25.7	29.6	8.5	9.5
Canton	167.7	169.1	15.8	15.0	9.0	8.6
Cincinnati	976.0	979.7	76.6	90.5	8.4	9.2
Cleveland	937.1	918.5	68.9	78.6	7.3	8.6
Columbus	556.7	563.5	31.5	43.8	5.7	7.8
Dayton	330.7	345.8	20.3	27.6	7.5	8.3
Toledo[1]	367.7	368.5	38.0	39.6	10.3	10.8
Youngstown—Warren	338.6	333.1	36.0	37.7	11.7	11.9
OKLAHOMA	1,360.0	1,447.0	66.0	53.0	4.8	3.6
Enid	28.1	30.1	1.0	.8	3.6	2.7
Lawton	35.8	36.2	2.1	1.5	6.3	4.3
Oklahoma City	617.6	656.1	28.5	24.8	4.6	3.7
Tulsa	536.9	556.8	25.1	17.4	4.5	3.5
OREGON	1,296.0	1,330.0	107.0	131.0	8.3	9.9
Eugene—Springfield	135.1	136.6	13.2	15.9	9.8	11.6
Portland[1]	655.6	653.1	39.9	52.5	6.1	8.0
Salem	130.3	135.2	9.4	10.9	7.2	8.1
PENNSYLVANIA	5,436.0	5,476.0	425.0	490.0	7.8	8.9
Allentown—Bethlehem—Easton[1]	308.3	313.5	21.4	26.1	7.0	8.3
Altoona	57.9	58.5	5.8	7.0	10.0	11.9
Erie	176.8	177.7	11.8	17.4	6.7	9.9
Harrisburg	231.6	236.1	13.0	14.1	5.6	6.0
Johnstown	109.0	107.4	13.2	13.9	12.1	13.0
Lancaster	193.5	196.1	9.8	10.7	5.4	5.5
Northeast Pennsylvania	297.0	299.0	29.8	29.3	10.0	10.1
Philadelphia[1]	2,158.0	2,196.0	149.6	166.7	6.9	7.5
Pittsburgh	1,035.8	1,035.8	76.6	76.6	7.2	7.4
Reading	156.6	159.3	11.8	12.0	7.5	7.1
Williamsport	53.7	53.8	6.5	6.5	12.1	12.1
York	178.1	178.8	11.3	14.1	6.3	7.9
RHODE ISLAND	471.0	473.0	36.0	36.0	7.7	7.6
Providence—Warwick—Pawtucket[1]	469.8	473.2	36.0	35.7	7.7	7.6
SOUTH CAROLINA	1,397.0	1,417.0	96.0	110.0	6.9	8.4
Charleston—North Charleston	165.7	171.1	11.2	13.3	6.8	7.9
Columbia	189.7	197.2	8.5	11.5	4.6	6.1
Greenville—Spartanburg	294.1	294.6	15.7	21.1	5.6	7.4
SOUTH DAKOTA	334.0	333.0	16.0	17.0	4.9	5.1
Rapid City	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Sioux Falls	N.A.	87.9	N.A.	3.3	N.A.	3.7
TENNESSEE	2,092.0	2,110.0	132.0	192.0	7.3	9.1
Chattanooga[1]	197.0	198.0	13.5	16.9	6.8	8.6
Knoxville	216.9	226.9	12.6	16.9	5.7	7.5
Memphis[1]	609.9	609.4	25.0	34.1	4.2	5.3
Nashville—Davidson	498.6	512.0	24.6	38.6	5.7	7.8

See footnotes at end of table.

STATE AND AREA UNEMPLOYMENT DATA

1. Labor force and unemployment by State and selected metropolitan areas—Continued

(Numbers in thousands)

State and area	Labor force		Unemployment			
			Number		Percent of labor force	
	AVE. 1980	AVE. 1981	AVE. 1980	AVE. 1981	AVE. 1980	AVE. 1981
TEXAS	6,742.0	7,075.0	351.0	373.0	5.2	5.3
Abilene	70.6	75.4	3.4	3.7	4.8	4.9
Amarillo	90.4	93.7	3.8	4.3	4.2	4.5
Austin	366.9	393.0	8.9	9.8	2.4	2.5
Beaumont—Port Arthur—Orange	176.1	179.4	12.3	12.3	6.9	6.9
Corpus Christi	143.3	155.1	8.0	9.3	5.6	6.0
Dallas—Fort Worth	1,594.1	1,659.6	71.6	79.3	4.5	4.7
El Paso	190.0	197.5	14.6	17.3	7.7	8.7
Galveston—Texas City	85.0	87.5	5.6	6.3	6.5	7.2
Houston	1,561.3	1,670.6	65.9	73.5	4.2	4.4
Longview—Marshall	71.7	74.4	5.2	5.5	6.6	5.9
Lubbock	104.6	109.7	4.5	4.7	4.3	4.5
Midland	57.1	60.5	2.3	2.3	4.1	3.7
Odessa	64.5	71.0	2.5	3.0	3.9	4.2
San Angelo	44.3	46.7	1.7	1.9	3.8	4.0
San Antonio	447.8	459.5	28.7	30.3	6.6	6.6
Sherman—Denison	41.6	43.7	2.6	2.8	6.3	7.0
Waco	83.8	87.4	4.4	4.8	5.4	5.8
Wichita Falls	43.5	46.7	2.5	2.6	4.8	4.8
UTAH	635.0	666.0	40.0	43.0	6.3	6.7
Salt Lake City—Ogden	416.8	424.1	25.1	28.0	6.0	6.6
VERMONT	253.0	260.0	16.0	15.0	6.4	5.7
VIRGINIA	2,560.0	2,600.0	139.0	151.0	5.4	5.8
Lynchburg	74.5	75.0	3.8	4.5	5.1	6.0
Newport News—Hampton	167.0	166.3	8.7	10.5	5.4	6.3
Norfolk—Virginia Beach—Portsmouth[1]	337.1	336.0	18.7	22.0	5.7	6.6
Petersburg—Colonial Heights—Hopewell	58.8	58.0	3.7	4.5	6.7	7.8
Richmond	329.1	333.1	11.6	14.4	3.5	4.3
Roanoke	130.7	130.5	5.1	6.8	3.8	5.2
WASHINGTON	1,993.0	1,997.0	156.0	189.0	7.8	9.5
Seattle—Everett	866.4	868.4	54.8	69.3	6.3	8.0
Spokane	151.4	149.8	13.7	15.0	9.1	9.9
Tacoma	178.6	177.6	14.7	17.4	7.9	9.8
WEST VIRGINIA	780.0	786.0	74.0	86.0	9.4	10.7
Charleston	139.5	136.7	9.9	10.9	7.7	8.6
Huntington—Ashland[1]	N.A.	176.7	N.A.	17.4	N.A.	10.6
Parkersburg—Marietta[1]	71.9	71.7	6.7	6.9	9.0	9.6
Wheeling[1]	86.0	85.6	8.0	8.1	9.5	9.8
WISCONSIN	2,360.0	2,371.0	167.0	185.0	7.2	7.8
Appleton—Oshkosh	145.9	147.8	10.4	11.1	7.1	7.5
Eau Claire	56.2	58.0	4.3	4.3	7.6	7.5
Green Bay	86.9	90.5	5.9	7.2	6.8	8.0
Janesville—Beloit	68.6	70.1	6.1	7.4	13.2	10.5
Kenosha	60.6	58.6	4.9	6.2	8.2	10.5
LaCrosse	46.5	48.6	2.6	3.5	5.7	7.3
Madison	177.8	183.3	8.6	9.8	4.8	5.4
Milwaukee	710.0	717.0	46.7	57.9	6.3	7.4
Racine	86.3	86.1	7.1	8.1	8.2	9.4
WYOMING	235.0	250.0	9.0	10.0	4.0	4.1

[1] Includes interstate portion of area located in adjacent State.

NOTE: Annual Average State data are obtained directly from the Current Population Survey. Estimates for sub-state areas, except New York City and Los Angeles-Long Beach, are based on administrative statistics adjusted to the statewide totals. See "Explanatory Notes" for State and Area Unemployment Data for a description of the estimating methods.

N.A. = not available.

SOURCE: Current Population Survey and Cooperating State Employment Security Agencies listed on the inside back cover.

READEX FICHE

Area Definitions

ALABAMA

- Birmingham.....Jefferson, St. Clair, Shelby, and Walker Counties
- Huntsville.....Limestone, Madison, and Marshall Counties
- Mobile.....Baldwin and Mobile Counties
- Montgomery.....Autauga, Elmore, and Montgomery Counties
- Tuscaloosa.....Tuscaloosa County

ARIZONA

- Phoenix.....Maricopa County
- Tucson.....Pima County

ARKANSAS

- Fayetteville-Springdale.....Benton and Washington Counties
- Fort Smith.....Crawford and Sebastian Counties, Ark.; Le Flore and Sequoyah Counties, Okla.
- Little Rock-N. Little Rock.....Pulaski and Saline Counties
- Pine Bluff.....Jefferson County

CALIFORNIA

- Anaheim-Santa Ana-Garden Grove.....Orange County
- Bakersfield.....Kern County
- Fresno.....Fresno County
- Los Angeles-Long Beach.....Los Angeles County
- Modesto.....Stanislaus County
- Oxnard-Simi Valley-Ventura.....Ventura County
- Riverside-San Bernardino-Ontario..Riverside and San Bernardino Counties
- Sacramento.....Placer, Sacramento, and Yolo Counties
- Salinas-Seaside-Monterey.....Monterey County
- San Diego.....San Diego County
- San Francisco-Oakland.....Alameda, Contra Costa, Marin, San Francisco, and San Mateo Counties
- San Jose.....Santa Clara County
- Santa Barbara-Santa Maria-Lompoc.....Santa Barbara County
- Santa Rosa.....Sonoma County
- Stockton.....San Joaquin County
- Vallejo-Fairfield-Napa.....Napa and Solano Counties

COLORADO

- Denver-Boulder.....Adams, Arapahoe, Boulder, Clear Creek, Denver, Douglas, Gilpin, and Jefferson Counties

CONNECTICUT

- Bridgeport.....Bridgeport and Shelton cities, and Easton, Fairfield, Monroe, Stratford, and Trumbull towns in Fairfield County; Derby and Milford cities in New Haven County
- Hartford.....Hartford city, and Avon, Bloomfield, Canton, East Granby, East Hartford, East Windsor, Enfield, Farmington, Glastonbury, Granby, Manchester, Marlborough, Newington, Rocky Hill, Simsbury, South Windsor, Suffield, West Hartford, Wethersfield, Windsor, and Windsor Locks towns in Hartford County; Colchester town in New London County; Andover, Bolton, Columbia, Coventry, Ellington, Hebron, Somers, Stafford, Tolland, Vernon, and Willington towns in Tolland County
- New Britain.....New Britain city, and Berlin, Plainville, and Southington towns in Hartford County
- New Haven-West Haven.....New Haven and West Haven cities, and Bethany, Branford, East Haven, Guilford, Hamden, Madison, North Branford, North Haven, Orange, Wallingford, and Woodbridge towns in New Haven County; Clinton town in Middlesex County

CONNECTICUT--Continued

- Stamford.....Stamford city, and Darien, Greenwich, and New Canaan towns in Fairfield County
- Waterbury.....Waterbury city, Naugatuck borough, and Beacon Falls, Cheshire, Middlebury, Prospect, Southbury, and Wolcott towns in New Haven County; Bethlehem, Thomaston, Watertown, and Woodbury towns in Litchfield County

DELAWARE

- Wilmington.....New Castle County, Del.; Cecil County, Md.; Salem County, N.J.

DISTRICT OF COLUMBIA

- Washington SMSA.....District of Columbia; Charles, Montgomery, and Prince Georges Counties, Md.; Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park cities, and Arlington, Fairfax, Loudoun, and Prince William Counties, Va.

FLORIDA

- Bradenton.....Manatee County
- Daytona Beach.....Volusia County
- Fort Lauderdale-Hollywood.....Broward County
- Fort Myers-Cape Coral.....Lee County
- Gainesville.....Alachua County
- Jacksonville.....Baker, Clay, Duval, Nassau, and St. Johns Counties
- Lakeland-Winter Haven.....Polk County
- Melbourne-Titusville-Cocoa.....Brevard County
- Miami.....Dade County
- Orlando.....Orange, Osceola, and Seminole Counties
- Panama City.....Bay County
- Pensacola.....Escambia and Santa Rosa Counties
- Sarasota.....Sarasota County
- Tallahassee.....Leon and Wakulla Counties
- Tampa-St. Petersburg.....Hillsborough, Pasco, and Pinellas Counties
- West Palm Beach-Boca Raton.....Palm Beach County

GEORGIA

- Albany.....Dougherty and Lee Counties
- Atlanta.....Butts, Cherokee, Clayton, Cobb, De Kalb, Douglas, Fayette, Forsyth, Fulton, Gwinnett, Henry, Newton, Paulding, Rockdale, and Walton Counties
- Augusta.....Columbia and Richmond Counties, Ga., Aiken County, S.C.
- Columbus.....Columbus (consolidated government), and Chattahoochee County, Ga.; Russell County, Ala.
- Macon.....Bibb, Houston, Jones, and Twiggs Counties
- Savannah.....Bryan, Chatham, and Effingham Counties

HAWAII

- Honolulu.....Honolulu County

IDAHO

- Boise City.....Ada County

ILLINOIS

- Bloomington-Normal...McLean County
- Champaign-Urbana-Rantoul.....Champaign County
- Chicago-Gary.....A Standard Consolidated Statistical Area comprised of Chicago, Ill. SMSA and Gary-Hammond-East Chicago, Ind. SMSA
- Chicago SMSA.....Cook, Du Page, Kane, Lake, McHenry, and Will Counties
- Davenport-Rock Island-Moline.....Henry and Rock Island Counties, Ill.; Scott County, Iowa
- Decatur.....Macon County
- Kankakee.....Kankakee County

ILLINOIS--Continued
Peoria.....Peoria, Tazewell, and Woodford Counties
Rockford.....Boone and Winnebago Counties
Springfield.....Menard and Sangamon Counties

INDIANA
Anderson.....Madison County
Elkhart.....Elkhart County
Evansville.....Gibson, Posey, Vanderburgh, and Warrick Counties, Ind.; Henderson County, Ky.
Fort Wayne.....Adams, Allen, DeKalb, and Wells Counties
Gary-Hammond-East Chicago.....Lake and Porter Counties
Indianapolis.....Boone, Hamilton, Hancock, Hendricks, Johnson, Marion, Morgan, and Shelby Counties
Lafayette-West Lafayette.....Tippecanoe County
Muncie.....Delaware County
South Bend.....Marshall and St. Joseph Counties
Terre Haute.....Clay, Sullivan, Vermillion, and Vigo Counties

IOWA
Cedar Rapids.....Linn County
Des Moines.....Polk and Warren Counties
Dubuque.....Dubuque County
Sioux City.....Woodbury County, Iowa; Dakota County, Neb.
Waterloo-Cedar Falls.....Black Hawk County

KANSAS
Lawrence.....Douglas County
Topeka.....Jefferson, Osage, and Shawnee Counties
Wichita.....Butler and Sedgwick Counties

KENTUCKY
Lexington-Fayette.....Bourbon, Clark, Fayette, Jessamine, Scott, and Woodford Counties
Louisville.....Bullitt, Jefferson, and Oldham Counties, Ky.; Clark and Floyd Counties, Ind.
Owensboro.....Daviess County

LOUISIANA
Alexandria.....Avoyelles, Grant, and Rapides Parishes
Baton Rouge.....Ascension, East Baton Rouge, Livingston, and West Baton Rouge Parishes
Lafayette.....Lafayette Parish
Lake Charles.....Calcasieu Parish
Monroe.....Ouachita Parish
New Orleans.....Jefferson, Orleans, St. Bernard, and St. Tammany Parishes
Shreveport.....Bossier, Caddo, and Webster Parishes

MAINE
Lewiston-Auburn.....Auburn and Lewiston cities, and Lisbon town in Androscoggin County
Portland.....Portland, South Portland, and Westbrook cities, and Cape Elizabeth, Cumberland, Falmouth, Freeport, Gorham, Scarborough, Windham, and Yarmouth towns in Cumberland County; Saco city, and Old Orchard Beach town in York County

MARYLAND
Baltimore SMSA.....Baltimore city, and Anne Arundel, Baltimore, Carroll, Harford, and Howard Counties
Baltimore City.....Baltimore City

MASSACHUSETTS
Boston.....Suffolk County; Cambridge, Everett, Malden, Medford, Melrose, Newton, Somerville, Waltham, and Woburn cities, and Acton, Arlington, Ashland, Bedford, Belmont, Boxborough, Burlington, Carlisle, Concord, Framingham, Holliston, Lexington, Lincoln, Natick, North Reading, Reading, Sherborn, Stoneham, Sudbury, Wakefield, Watertown, Wayland, Weston, Wilmington, and Winchester towns in Middlesex County; Beverly, Lynn, Peabody, and Salem cities, and Boxford, Danvers, Hamilton, Lynnfield, Manchester, Marblehead, Middleton, Nahant, Saugus, Swampscott, Topsfield, and Wenham towns in Essex County; Quincy city, and Bellingham, Braintree, Brookline, Canton, Cohasset, Dedham, Dover, Foxborough, Franklin, Holbrook, Medfield, Medway, Millis, Milton, Needham, Norfolk, Norwood, Randolph, Sharon, Stoughton, Walpole, Wellesley, Westwood, Weymouth, and Wrentham towns in Norfolk County; Abington, Duxbury, Hanover, Hanson, Hingham, Hull, Kingston, Marshfield, Norwell, Pembroke, Rockland, and Scituate towns in Plymouth County
Brockton.....Brockton city, and Bridgewater, East Bridgewater, Halifax, West Bridgewater, and Whitman towns in Plymouth County; Easton town in Bristol County; Avon town in Norfolk County
Fall River.....Fall River city, and Dighton, Somerset, Swansea, and Westport towns in Bristol County, Mass.; Little Compton and Tiverton towns in Newport County, R.I.
Lawrence-Haverhill...Lawrence and Haverhill cities, and Amesbury, Andover, Georgetown, Groveland, Merrimac, Methuen, North Andover, Salisbury, and West Newbury towns in Essex County, Mass.; Atkinson, Hampstead, Kingston, Newton, Plaistow, Salem, and Windham towns in Rockingham County, N.H.
Lowell.....Lowell city, and Billerica, Chelmsford, Dracut, Dunstable, Tewksbury, Tyngsborough, and Westford towns in Middlesex County
New Bedford.....New Bedford city, and Acushnet, Dartmouth, Fairhaven, and Freetown towns in Bristol County; Lakeville, Marion, Mattapoisett, and Rochester towns in Plymouth County
Springfield-Chicopee-Holyoke....Chicopee, Holyoke, Springfield, and Westfield cities, and Agawam, Brimfield, East Longmeadow, Granville, Hampden, Longmeadow, Ludlow, Monson, Montgomery, Palmer, Russell, Southwick, Wales, West Springfield, and Wilbraham towns in Hampden County; Northampton city, and Amherst, Belchertown, Chesterfield, Easthampton, Granby, Hadley, Hatfield, Pelham, South Hadley, Southampton, Westhampton, and Williamsburg towns in Hampshire County; Warren town in Worcester County
Worcester.....Worcester city, and Auburn, Berlin, Boylston, Brookfield, Charlton, Douglas, East Brookfield, Grafton, Holden, Leicester, Millbury, Northborough, Northbridge, North Brookfield, Oxford, Paxton, Rutland, Shrewsbury, Spencer, Sterling, Sutton, Upton, Uxbridge, Webster, Westborough, and West Boylston towns in Worcester County

MICHIGAN
Ann Arbor.....Washtenaw County
Battle Creek.....Barry and Calhoun Counties

Area Definitions—Continued

MICHIGAN--Continued
- Bay City.....Bay County
- Benton Harbor.....Berrien County
- Detroit.....Lapeer, Livingston, Macomb, Oakland, St. Clair, and Wayne Counties
- Flint.....Genesee and Shiawassee Counties
- Grand Rapids.....Kent and Ottawa Counties
- Jackson.....Jackson County
- Kalamazoo-Portage....Kalamazoo and Van Buren Counties
- Lansing-East Lansing.....Clinton, Eaton, Ingham, and Ionia Counties
- Muskegon-Norton Shores-Muskegon Heights.....Muskegon and Oceana Counties
- Saginaw.....Saginaw County

MINNESOTA
- Duluth-Superior.....Duluth city, Minn.; Douglas County, Wisc.
- Minneapolis-St. Paul.....Anoka, Carver, Chisago, Dakota, Hennepin, Ramsey, Scott, Washington, and Wright Counties
- Rochester.....Olmsted County
- St. Cloud.....Benton, Sherburne, and Stearns Counties

MISSISSIPPI
- Jackson.....Hinds and Rankin Counties

MISSOURI
- Kansas City.....Cass, Clay, Jackson, Platte, and Ray Counties, Mo.; Johnson and Wyandotte Counties, Kans.
- St. Joseph.....Andrew and Buchanan Counties
- St. Louis.....St. Louis city, and Franklin, Jefferson, St. Charles, and St. Louis Counties, Mo.; Clinton, Madison, Monroe, and St. Clair Counties, Ill.
- Springfield.....Christian and Greene Counties

MONTANA
- Billings.....Yellowstone County
- Great Falls.....Cascade County

NEBRASKA
- Lincoln.....Lancaster County
- Omaha.....Douglas and Sarpy Counties, Nebr.; Pottawattamie County, Iowa

NEVADA
- Las Vegas.....Clark County; Beatty Township in Nye County
- Reno.....Washoe County

NEW HAMPSHIRE
- Manchester.....Manchester city, and Bedford, Goffstown, New Boston, and Weare towns in Hillsboro County; Hooksett town in Merrimack County; Auburn, Candia, Chester, Derry, Londonderry, and Raymond towns in Rockingham County
- Nashua.....Nashua city, and Amherst, Brookline, Greenville, Mollis, Hudson, Litchfield, Lyndeboro, Mason, Merrimack, Milford, Mount Vernon, New Ipswich, Pelham, Temple, and Wilton towns in Hillsboro County

NEW JERSEY
- Atlantic City.....Atlantic County
- Camden.....Burlington, Camden, and Gloucester Counties
- Hackensack.....Bergen County
- Jersey City.....Hudson County
- Long Branch-Asbury Park.....Monmouth County
- New Brunswick-Perth Amboy-Sayreville.....Middlesex County
- Newark.....Essex, Morris, Somerset, and Union Counties
- Paterson-Clifton-Passaic.....Passaic County
- Trenton.....Mercer County
- Vineland-Millville-Bridgeton.....Cumberland County

NEW MEXICO
- Albuquerque.....Bernalillo and Sandoval Counties
- Las Cruces.....Dona Ana County

NEW YORK
- Albany-Schenectady-Troy.....Albany, Montgomery, Rensselaer, Saratoga, and Schenectady Counties
- Binghamton.....Broome and Tioga Counties, N. Y.; Susquehanna County, Pa.
- Buffalo.....Erie and Niagara Counties
- Elmira.....Chemung County
- Monroe County.....Monroe County
- Nassau-Suffolk.....Nassau and Suffolk Counties
- New York-Northeastern New Jersey.....A consolidated area comprised of New York, N. Y. SMSA; Nassau-Suffolk, N. Y. SMSA; Newark, N. J. SMSA; New Brunswick-Perth Amboy-Sayreville, N. J. SMSA; Jersey City, N. J. SMSA; Paterson-Clifton-Passaic, N. J. SMSA; and the Hackensack, N. J. area
- New York and Nassau-Suffolk.....New York City, and Nassau, Putnam, Rockland, Suffolk, and Westchester Counties
- New York SMSA.....New York City, and Putnam, Rockland and Westchester Counties
- New York City.....Bronx, Kings, New York, Queens, and Richmond Counties
- Poughkeepsie.....Dutchess County
- Rochester.....Livingston, Monroe, Ontario, Orleans, and Wayne Counties
- Rockland County.....Rockland County
- Syracuse.....Madison, Onondaga, and Oswego Counties
- Utica-Rome.....Herkimer and Oneida Counties
- Westchester County...Westchester County

NORTH CAROLINA
- Asheville.....Buncombe and Madison Counties
- Charlotte-Gastonia...Gaston, Mecklenburg, and Union Counties
- Greensboro--Winston-Salem--High Point...Davidson, Forsyth, Guilford, Randolph, Stokes, and Yadkin Counties
- Raleigh-Durham.....Durham, Orange, and Wake Counties

NORTH DAKOTA
- Fargo-Moorhead.....Cass County, N. D.; Clay County, Minn.

OHIO
- Akron.....Portage and Summit Counties
- Canton.....Carroll and Stark Counties
- Cincinnati.....Clermont, Hamilton, and Warren Counties, Ohio; Boone, Campbell, and Kenton Counties, Ky.; Dearborn County, Ind.
- Cleveland.....Cuyahoga, Geauga, Lake, and Medina Counties
- Columbus.....Delaware, Fairfield, Franklin, Madison, and Pickaway Counties
- Dayton.....Greene, Miami, Montgomery, and Preble Counties
- Toledo.....Fulton, Lucas, Ottawa, and Wood Counties, Ohio; Monroe County, Mich.
- Youngstown-Warren....Mahoning and Trumbull Counties

OKLAHOMA
- Enid.....Garfield County
- Lawton.....Comanche County
- Oklahoma City.....Canadian, Cleveland, McClain, Oklahoma, and Pottawatomie Counties
- Tulsa.....Creek, Mayes, Osage, Rogers, Tulsa, and Wagoner Counties

OREGON
- Eugene-Springfield...Lane County
- Jackson County.....Jackson County
- Portland.....Clackamas, Multnomah, and Washington Counties, Oreg.; Clark County, Wash.
- Salem.....Marion and Polk Counties

PENNSYLVANIA

Allentown-Bethlehem-Easton.....Carbon, Lehigh, and Northampton Counties, Pa; Warren County, N. J.
Altoona.....Blair County
Delaware Valley.....Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties
Erie.....Erie County
Harrisburg.....Cumberland, Dauphin, and Perry Counties
Johnstown.....Cambria and Somerset Counties
Lancaster.....Lancaster County
Northeast-Pennsylvania.....Lackawanna, Luzerne, and Monroe Counties
Philadelphia SMSA....Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pa.; Burlington, Camden, and Gloucester Counties, N. J.
Philadelphia City....Philadelphia County
Pittsburgh.....Allegheny, Beaver, Washington, and Westmoreland Counties
Reading.....Berks County
Scranton.....Lackawanna County
Wilkes-Barre-Hazleton.....Luzerne County
Williamsport.....Lycoming County
York.....Adams and York Counties

PUERTO RICO

Caguas.....Caguas, Gurabo, and San Lorenzo Municipios
Mayaguez.....Anasco, Hormigueros, and Mayaguez Municipios
Ponce.....Juana Diaz, Ponce, and Villalba Municipios
San Juan.....Bayamon, Canovanas, Carolina, Catano, Guaynabo, Loiza, San Juan, Toa Baja, and Trujillo Alto Municipios

RHODE ISLAND

Providence-Warwick-Pawtucket.....Central Falls, Cranston, East Providence, Pawtucket, Providence, and Woonsocket cities, and Burrillville, Cumberland, Foster, Glocester, Johnston, Lincoln, North Providence, North Smithfield, Scituate, and Smithfield towns in Providence County, R. I.; Exeter, Narragansett, North Kingstown, Richmond, and South Kingstown towns in Washington County, R. I.; Warwick city, and Coventry, East Greenwich, West Greenwich, and West Warwick towns in Kent County, R. I.; Jamestown and New Shoreham towns in Newport County, R. I.; Bristol County, R. I.; Attleboro city, and North Attleboro, Norton, Rehoboth, and Seekonk towns in Bristol County, Mass.; Plainville town in Norfolk County, Mass.; Blackstone and Millville towns in Worcester County, Mass.

SOUTH CAROLINA

Charleston-North Charleston.....Berkeley, Charleston, and Dorchester Counties
Columbia.....Lexington and Richland Counties
Greenville-Spartanburg.....Greenville, Pickens, and Spartanburg Counties

SOUTH DAKOTA

Rapid City.....Meade and Pennington Counties
Sioux Falls.....Minnehaha County

TENNESSEE

Chattanooga.....Hamilton, Marion, and Sequatchie Counties, Tenn.; Catoosa, Dade, and Walker Counties, Ga.
Knoxville.....Anderson, Blount, Knox, and Union Counties; portion of Oak Ridge in Roane County
Memphis.....Shelby and Tipton Counties, Tenn.; Crittenden County, Ark.

TENNESSEE--Continued

Nashville-Davidson...Cheatham, Davidson, Dickson, Robertson, Rutherford, Sumner, Williamson, and Wilson Counties

TEXAS

Abilene.....Callahan, Jones, and Taylor Counties
Amarillo.....Potter and Randall Counties
Austin.....Hays, Travis, and Williamson Counties
Beaumont-Port Arthur-Orange.....Hardin, Jefferson, and Orange Counties
Corpus Christi.....Nueces and San Patricio Counties
Dallas-Fort Worth....Collin, Dallas, Denton, Ellis, Hood, Johnson, Kaufman, Parker, Rockwall, Tarrant, and Wise Counties
El Paso.....El Paso County
Galveston-Texas City.....Galveston County
Houston.....Brazoria, Fort Bend, Harris, Liberty, Montgomery, and Waller Counties
Longview-Marshall....Gregg and Harrison Counties
Lubbock.....Lubbock County
Midland.....Midland County
Odessa.....Ector County
San Angelo.....Tom Green County
San Antonio.....Bexar, Comal, and Guadalupe Counties
Sherman-Denison.....Grayson County
Waco.....McLennan County
Wichita Falls.....Clay and Wichita Counties

UTAH

Salt Lake City-Ogden.....Davis, Morgan, Salt Lake, Tooele, and Weber Counties

VERMONT

Burlington.....Burlington, South Burlington, and Winooski cities and Charlotte, Essex, Hinesburg, Jericho, Milton, Richmond, St. George, Shelburne, and Williston towns in Chittenden County; Georgia town in Franklin County; and South Hero town in Grand Isle County
Springfield.....Athens, Grafton, Londonderry, Rockingham (includes Bellows Falls), Westminster, and Windham towns in Windham County; Andover, Baltimore, Cavendish, Chester, Ludlow, Reading, Springfield, Weathersfield, Weston, West Windsor, and Windsor towns in Windsor County

VIRGINIA

Bristol.....Bristol city, and Scott and Washington Counties
Lynchburg.....Lynchburg city, and Amherst, Appomattox, and Campbell Counties
Newport News-Hampton.....Hampton, Newport News, Poquoson, and Williamsburg cities, and Gloucester, James City, and York Counties
Norfolk-Virginia Beach-Portsmouth....Chesapeake, Norfolk, Portsmouth, Suffolk, and Virginia Beach cities, Va.; Currituck County, N.C.
Northern Virginia....Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park cities, and Arlington, Fairfax, Loudoun, and Prince William Counties
Petersburg-Colonial Heights-Hopewell....Colonial Heights, Hopewell, and Petersburg cities, and Dinwiddie and Prince George Counties
Richmond.....Richmond city, and Charles City, Chesterfield, Goochland, Hanover, Henrico, New Kent, and Powhatan Counties
Roanoke.....Roanoke and Salem cities, and Botetourt, Craig, and Roanoke Counties

Area Definitions—Continued

WASHINGTON
- Seattle-Everett.....King and Snohomish Counties
- Spokane.....Spokane County
- Tacoma.....Pierce County

WEST VIRGINIA
- Charleston.....Kanawha and Putnam Counties
- Huntington-Ashland...Cabell and Wayne Counties, W. Va.; Boyd and Greenup Counties, Ky.; Lawrence County, Ohio
- Parkersburg-Marietta.....Wirt and Wood Counties, W. Va.; Washington County, Ohio
- Wheeling.....Marshall and Ohio Counties, W. Va.; Belmont County, Ohio

WISCONSIN
- Appleton-Oshkosh.....Calumet, Outagamie, and Winnebago Counties
- Eau Claire.....Chippewa and Eau Claire Counties
- Green Bay.....Brown County
- Janesville-Beloit....Rock County
- Kenosha.....Kenosha County
- La Crosse.....La Crosse County
- Madison.....Dane County
- Milwaukee.....Milwaukee, Ozaukee, Washington, and Waukesha Counties
- Racine.....Racine County

WYOMING
- Casper.....Natrona County
- Cheyenne.....Laramie County

Explanatory Notes

Introduction

The statistics in this periodical are compiled from two major sources: (1) Household interviews, and (2) reports from employers.

Data based on household interviews are obtained from a sample survey of the population 16 years of age and over. The survey is conducted each month by the Bureau of the Census for the Bureau of Labor Statistics and provides comprehensive data on the labor force, the employed, and the unemployed, including such characteristics as age, sex, race, family relationship, marital status, occupation, and industry attachment. The survey also provides data on the characteristics and past work experience of those not in the labor force. The information is collected by trained interviews from a sample of about 60,000 households, representing 629 areas in 1,148 counties and independent cities, with coverage in 50 States and the District of Columbia. The data collected are based on the activity or status reported for the calendar week including the 12th of the month.

Data based on establishment records are compiled each month from mail questionnaires by the Bureau of Labor Statistics, in cooperation with State agencies. The establishment survey is designed to provide industry information on nonagricultural wage and salary employment, average weekly hours, average hourly earnings, and average weekly earnings for the Nation, States, and metropolitan areas. The employment, hours, and earnings series are based on payroll reports from a sample of establishments employing over 30 million nonagricultural wage and salary workers. The data relate to all workers, full- or part-time, who received pay during the payroll period which includes the 12th day of the month.

RELATION BETWEEN THE HOUSEHOLD AND ESTABLISHMENT SERIES

The household and establishment data supplement one another, each providing significant types of information that the other cannot suitably supply. Population characteristics, for example, are readily obtained only from the household survey whereas detailed industrial classifications can be reliably derived only from establishment reports.

Data from these two sources differ from each other because of differences in definitions and coverage, sources of information, methods of collection, and estimating procedures. Sampling variability and response errors are additional reasons for discrepancies. The major factors which have a differential effect on levels and trends of the two series are as follows.

Employment

Coverage. The household survey definition of employment comprises wage and salary workers (including domestics and other private household workers), self-employed persons, and unpaid workers who worked 15 hours or more during the survey week in family-operated enterprises. Employment in both agricultural and nonagricultural industries is included. The payroll survey covers only wage and salary employees on the payrolls of nonagricultural establishments.

Multiple jobholding. The household approach provides information on the work status of the population without duplication, since each person is classified as employed, unemployed, or not in the labor force. Employed persons holding more than one job are counted only once and are classified according to the job at which they worked the greatest number of hours during the survey week. In the figures based on establishment reports, persons who worked in more than one establishment during the reporting period are counted each time their names appear on payrolls.

Unpaid absences from jobs. The household survey includes among the employed all persons who had jobs but were not at work during the survey week—that is, were not working but had jobs from which they were temporarily absent because of illness, bad weather, vacation, labor-management dispute, or because they were taking time off for various other reasons, even if they were not paid by their employers for the time off. In the figures based on payroll reports, persons on leave paid for by the company are included, but not those on leave without pay for the entire payroll period.

For a comprehensive discussion of the differences between household and establishment survey employment data, see Gloria P. Green's article "Comparing Employment Estimates from Household and Payroll Surveys," *Monthly Labor Review*, December 1969.

Hours of work

The household survey measures hours actually worked whereas the payroll survey measures hours paid for by employers. In the household survey data, all persons with a job but not at work are excluded from the hours distributions and the computations of average hours. In the payroll survey, production or nonsupervisory employees on paid vacation, paid holiday, or paid sick leave are included and assigned the number of hours for which they were paid during the reporting period.

Earnings

The household survey measures median earnings of wage and salary workers in all occupations and industries in both the private and public sectors. Data refer to the usual earnings received from the worker's sole or primary job. Data from the establishment survey generally refer to mean earnings of production and related workers in mining and manufacturing, construction workers in construction, and nonsupervisory employees in private service-producing industries. For a comprehensive discussion of the household survey earnings series, see "Technical Description of the Quarterly Data on Weekly Earnings from the Current Population Survey," BLS Bulletin 2113.

COMPARABILITY OF THE HOUSEHOLD DATA WITH OTHER SERIES

Unemployment insurance data. The unemployed total from the household survey includes all persons who did not have a job at all during the survey week and were looking for work or were waiting to be called back to a job from which they had been laid off, whether or not they were eligible for unemployment insurance. Figures on unemployment insurance claims, prepared by the Employment and Training Administration of the Department of Labor, exclude persons

who have exhausted their benefit rights, new workers who have not earned rights to unemployment insurance, and persons losing jobs not covered by unemployment insurance systems (some workers in agriculture, domestic services, and religious organizations, and self employed and unpaid family workers). Beginning in January 1978, coverage was extended to include domestic workers whose employers paid $1,000 or more in wages in any calendar quarter, agricultural employees whose employers engaged 10 or more workers in 20 weeks or paid a total $20,000 or more in wages in any calendar quarter, and almost all State and local government employees.

In addition, the qualifications for drawing unemployment compensation differ from the definition of unemployment used in the household survey. For example, persons with a job but not at work and persons working only a few hours during the week are sometimes eligible for unemployment compensation but are classified as employed rather than unemployed in the household survey.

For an examination of the similarities and differences between State insured unemployment and total unemployment, see "Measuring Total and State Insured Unemployment" by Gloria P. Green in the June 1971 issue of the *Monthly Labor Review*.

Agricultural employment estimates of the Department of Agriculture. The principal differences in coverage are the inclusion of persons under 16 in the Statistical Research Service (SRS) series and the treatment of dual jobholders who are counted more than once if they work on more than one farm during the reporting period. There are also wide differences in sampling techniques and collecting and estimating methods, which cannot be readily measured in terms of impact on differences in level and trend of the two series.

COMPARABILITY OF THE PAYROLL EMPLOYMENT DATA WITH OTHER SERIES

Statistics on manufactures and business, Bureau of the Census. BLS establishment statistics on employment differ from employment counts derived by the Bureau of Census from its censuses or annual sample survey of manufacturing establishments and the censuses of business establishments. The major reasons for some noncomparability are different treatment of business units considered parts of an establishment, such as central administrative offices and auxiliary units, the industrial classification of establishments, and different reporting patterns by multiunit companies. There are also differences in the scope of the industries covered, e.g., the Census of Business excludes professional services, public utilities, and financial establishments, whereas these are included in the BLS statistics.

County Business Patterns. Data in County Business Patterns (CBP), published by the Bureau of the Census, U.S. Department of Commerce, differ from BLS establishment statistics in the treatment of central administrative offices and auxiliary units. Differences may also arise because of industrial classification and reporting practices. In addition, CBP excludes interstate railroads and government, and coverage is incomplete for some of the nonprofit activities.

Employment covered by State unemployment insurance programs. Most nonagricultural wage and salary workers are covered by the unemployment insurance programs. Beginning in January 1972, coverage was expanded to include employees of small firms and selected nonprofit activities who had not been covered previously. However, certain activities, such as interstate railroads, parochial schools, and churches are not covered by unemployment insurance whereas these are included in the BLS establishment statistics. Beginning in January 1978, coverage was extended to include domestic workers whose employers paid $1,000 or more in wages in any calendar quarter, agricultural employees whose employers engaged 10 or more workers in 20 weeks or paid a total of $20,000 or more in wages in any calendar quarter, and almost all State and local government employees.

Household Data (A tables)

COLLECTION AND COVERAGE

Statistics on the employment status of the population, the personal, occupational, and other characteristics of the employed, the unemployed, and persons not in the labor force, and related data are compiled for the BLS by the Bureau of the Census in its Current Population Survey (CPS). A detailed description of this survey appears in *Concepts and Methods Used in Labor Force Statistics Derived from the Current Population Survey*, BLS Report 463. This report is available from BLS upon request.

These monthly surveys of the population are conducted with a scientifically selected sample designed to represent the civilian noninstitutional population. Respondents are interviewed to obtain information about the employment status of each member of the household 16 years of age and over. Separate statistics are also collected and published for 14- and 15-year-olds. The inquiry relates to activity or status during the calendar week, Sunday through Saturday, which includes the 12th of the month. This is known as the survey week. Actual field interviewing is conducted in the following week.

Inmates of institutions, members of the Armed Forces, and persons under 14 years of age are not covered in the regular monthly enumerations and are excluded from the population and labor force statistics shown in this report. Data on members of the Armed Forces, who are included as part of the categories "total noninstitutional population" and "total labor force," are, however, obtained from the Department of Defense.

Each month about 60,000 occupied units are eligible for interview. About 2,500 of these households are visited but interviews are not obtained because the occupants are not at home after repeated calls or are unavailable for other reasons. This represents a noninterview rate for the survey of between 4 or 5 percent. In addition to the 60,000 occupied units, there are 11,000 sample units in an average month which are visited but found to be vacant or otherwise not to be enumerated. Part of the sample is changed each month. The rotation plan provides for three-fourths of the sample to be common from 1 month to the next and one-half to be common with the same month a year earlier.

Beginning in September 1975, the sample was enlarged by 9,000 households in order to provide greater reliability for smaller States and thus permit the publication of annual statistics for all 50 States and the District of Columbia. These supplementary households were added to the national 47,000 household sample in January 1978.

Over the period November 1978 to April 1979 the sample was again enlarged by 9,000 households. These supplementary households were added to the 56,000 household sample in January 1980.

Beginning in May 1981, the sample size was cut by about 6,000 occupied housing units. The reduction did not affect the ability to

publish reliable State and local estimates and had practically no effect on the reliability of national estimates.

Beginning in January 1982, the sample was expanded by about 100 households in 15 counties. The expanded sample provides sufficient coverage of counties added to 7 of the 30 largest SMSA's redefined in 1973. The additional sample had practically no effect on the reliability of national or State estimates.

CONCEPTS

Employed persons comprise (a) all those who during the survey week did any work at all as paid employees, in their own business, profession, or farm, or who worked 15 hours or more as unpaid workers in an enterprise operated by a member of the family, and (b) all those who were not working but who had jobs or businesses from which they were temporarily absent because of illness, bad weather, vacation, labor-management dispute, or personal reasons, whether or not they were paid by their employers for the time off, and whether or not they were seeking other jobs.

Each employed person is counted only once. Those who held more than one job are counted in the job at which they worked the greatest number of hours during the survey week.

Included in the total are employed citizens of foreign countries, temporarily in the United States, who are not living on the premises of an embassy.

Excluded are persons whose only activity consisted of work around the house (such as home housework, and painting or repairing own home) or volunteer work for religious, charitable, and similar organizations.

Unemployed persons comprise all persons who did not work during the survey week, who made specific efforts to find a job within the past 4 weeks, and who were available for work during the survey week (except for temporary illness). Also included as unemployed are those who did not work at all, were available for work, and (a) were waiting to be called back to a job from which they had been laid off; or (b) were waiting to report to a new wage or salary job within 30 days.

Duration of unemployment represents the length of time (through the current survey week) during which persons classified as unemployed had been continuously looking for work. For persons on layoff, duration of unemployment represents the number of full weeks since the termination of their most recent employment. A period of 2 weeks or more during which a person was employed or ceased looking for work is considered to break the continuity of the present period of seeking work. Measurements of mean and median duration are computed from a distribution of single weeks of unemployment.

Unemployed persons by reasons for unemployment are divided into four major groups. (1) Job losers are persons whose employment ended involuntarily who immediately began looking for work and persons on layoff. (2) Job leavers are persons who quit or otherwise terminated their employment voluntarily and immediately began looking for work. (3) Reentrants are persons who previously worked at a full-time job lasting 2 weeks or longer but were out of the labor force prior to beginning to look for work. (4) New entrants are persons who never worked at a full-time job lasting 2 weeks or longer.

Jobseekers are all unemployed persons who made specific efforts to find a job, sometime during the 4-week period preceding the survey week. Jobseekers do not include persons unemployed because they (a) were waiting to be called back to a job from which they had been laid off or (b) were waiting to report to a new wage or salary job within 30 days. Jobseekers are grouped by the methods used to seek work, including going to a public or private employment agency or to an employer directly, seeking assistance from friends or relatives, placing or answering ads, or utilizing some "other" method. Examples of the "other" category include being on a union or professional register, obtaining assistance from a community organization, or waiting at a designated pick-up point.

The *civilian labor force* comprises the total of all civilians classified as employed or unemployed in accordance with the criteria described above. The "total labor force" also includes members of the Armed Forces stationed either in the United States or abroad.

The unemployment rate represents the number unemployed as a percent of the civilian labor force. This measure can also be computed for groups within the labor force classified by sex, age, marital status, race, occupation, industry, etc. The job-loser, job-leaver, reentrant, and new entrant rates are each calculated as a percent of the civilian labor force; the sum of the rates for the four groups thus equals the total unemployment rate.

Participation rates represent the proportion of the noninstitutional population that is in the labor force. Two types of participation rates are published. The total labor force participation rate, which is the ratio of the total labor force and the total noninstitutional population; and the civilian labor force participation rate which is the ratio of the civilian labor force and the civilian noninstitutional population. Participation rates are usually published for sex-age groups, often cross-classified by other demographic characteristics such as race and educational attainment.

Employment-population ratios represent the proportion of the total noninstitutional population that is employed.

Not in labor force includes all civilians 16 years and over who are not classified as employed or unemployed. These persons are further classified as "engaged in own home housework," in school," "unable to work" because of long-term physical or mental illness, and "other." The "other" group includes for the most part retired persons, those reported as too old to work, the voluntarily idle, and seasonal workers for whom the survey week fell in an "off" season and who were not reported as unemployed. Persons doing only incidental unpaid family work (less than 15 hours) are also classified as not in the labor force.

For persons not in the labor force, data on previous work experience, intentions to seek work again, desire for a job at the time of interview, and reasons for not looking for work are compiled on a quarterly basis. As of January 1970, the detailed questions for persons not in the labor force are asked only in those households that are in the fourth and eighth months of the sample, i.e., the "outgoing" groups, those which had been in the sample for 3 previous months and would not be in for the subsequent month. Between 1967 and 1969, the detailed not-in-labor force questions were asked of persons in the first and fifth months in the sample, i.e., the "incoming" groups.

Occupation, industry, and class of worker for the employed apply to the job held in the survey week. Persons with two or more jobs are classified in the job at which they worked the greatest number of hours during the survey week. The unemployed are classified according to their last full-time civilian job lasting 2 weeks or more. The occupation and industry groups used in the CPS are defined as in the 1970 Census of Population. Information on the detailed categories included in these groups is available upon request.

The class-of-worker breakdown specifies "wage and salary workers," subdivided into private and government workers, "self-employed workers," and "unpaid family workers." Wage and salary workers receive wages, salary, commission, tips, or pay in kind from a private employer or from a government unit. Self-employed persons are those who work for profit or fees in their own business, profession, or trade, or operate a farm. Unpaid family workers are persons working without pay for 15 hours a week or more on a farm or in a business operated by a member of the household to whom they are related by blood or marriage.

Hours of work statistics relate to the actual number of hours worked during the survey week. For example, a person who normally works 40 hours a week but who was off on the Columbus Day holiday would be reported as working 32 hours even though he/she was paid for the holiday.

For persons working in more than one job, the figures relate to the number of hours worked in all jobs during the week. However, all the hours are credited to the major job.

The distribution of employment by hours worked relates to persons "at work" during the survey week. At work data differ from data on total employment because the latter include persons in the zero-hours worked category, "with a job but not at work." Included in this latter group are persons who were on vacation, ill, involved in a labor dispute, or otherwise absent from their jobs for voluntary, noneconomic reasons.

Persons who worked 35 hours or more in the survey week are designated as working "full time," correspondingly persons who worked between 1 and 34 hours are designated as working "part time." Part-time workers are classified by their usual status at their present job (either full or part time) and by their reason for working part time during the survey week (economic or other reasons). "Economic reasons" include: Slack work, material shortages, repairs to plant or equipment, start or termination of a job during the week, and inability to find full-time work. "Other reasons" include: Labor dispute, bad weather, own illness, vacation, demands of home, housework, school, no desire for full-time work, and full-time worker only during the peak season. Persons on full-time schedules include, in addition to those working 35 hours or more, those who worked from 1 to 34 hours for noneconomic reasons and usually work full time.

The *full-time labor force* consists of persons working on full-time schedules, persons involuntarily working part-time (part time for economic reasons), and unemployed persons seeking full-time jobs. The *part-time labor force* consists of persons working part time voluntarily and unemployed persons seeking part-time work. Persons with a job but not at work during the survey week are classified according to whether they usually work full or part-time.

Labor force time lost is a measure of aggregate hours lost to the economy through unemployment and involuntary part-time employment and is expressed as a percent of potentially available aggregate hours. It is computed by assuming: (1) That unemployed persons looking for full-time work lost an average of 37.5 hours (2) that those looking for part-time work lost the average number of hours actually worked by voluntary part-time workers during the survey week, and (3) that persons on part time for economic reasons lost the difference between 37.5 hours and the actual number of hours they worked.

White and black and other are terms used to describe the race of workers. The "black-and-other category," includes all persons who identified themselves in the enumeration process to be other than white. At the time of the 1980 Census of Population, 83 percent of the black-and-other civilian noninstitutional population 16 years and over were black; the remainder were primarily American Indians, Alaskan Natives, and Asians and Pacific Islanders. The term "black" is used in this volume when the relevant data are provided exclusively for the black population.

Hispanic origin refers to persons who identified themselves in the enumeration process as Mexican, Puerto Rican living on the mainland, Cuban, Central or South American, or of other Hispanic origin or descent.

Major activity: going to school and major activity: other are terms used to describe whether the activity of young persons during the reference week is primarily one of going to school or not. Statistics on major activity are published every month in table A-7 for 16- to 21-year-olds by employment status, race, and sex, and, if unemployed, whether seeking full- or part-time work.

Vietnam-era veterans are those who served in the Armed Forces of the United States between August 5, 1964, and May 7, 1975. Tables for veterans in this volume are limited to males in the civilian noninstitutional population, i.e., veterans in institutions and females are excluded.

Nonveterans are males who never served in the Armed Forces.

The *poverty areas* classification consists of all Census geographical divisions in which 20 percent or more of the residents were poor according to the 1970 Decennial Cenus. Persons were classified as poor or nonpoor by using income thresholds adopted by a Federal interagency committee in 1969. These thresholds vary by family size, composition, and residence (farm-nonfarm). While poverty areas have a substantial concentration of low-income residents, many poor persons live outside these areas and, conversely, the areas include many people who are not poor.

The *metropolitan areas* classification consists of the total of all areas encompassed by Standard Metropolitan Statistical Areas (SMSA's). The metropolitan area total is based on the number of SMSA's as defined in the 1970 Decennial Census and does not include any subsequent additions or changes. Nonmetropolitan areas refer to the total of all areas outside SMSA's. The nonmetropolitan total is disaggregated into farm and nonfarm components.

Usual weekly earnings data are provided from responses to the question "How much does . . .USUALLY earn per week at this job before deductions?" Included are any overtime pay, commissions, or tips usually received. Data refer to the sole or primary job of wage and salary workers. The term "usual" is as perceived by the respondent. If the respondent asks for a definition of "usual," interviewers are instructed to define the term as more than half the weeks worked during the past 4 or 5 months.

A *household* consists of all persons—related family members and all unrelated persons—who occupy a housing unit. A house, an apartment, a group of rooms, or a single room are regarded as a housing unit when occupied or intended for occupancy as separate living quarters.

A *householder* is the person (or one of the persons) in whose name the housing unit is owned or rented. The term is never applied to either husbands or wives in married-couple families but only to persons in families maintained by either men or women without a spouse.

Family refers to a group of two or more persons residing together who are related by blood, marriage, or adoption; all such persons are considered as members of one family even though they may include a "subfamily," that is, a married couple or a parent-child group related by blood or marriage to the householder and sharing the living quarters. The counts of families used in this volume refer to primary families only, that is, all persons in the household who are related to the householder. Families are classified either as married-couple families or as those maintained by women or men without spouses. Data on the earnings of families exclude all those in which there is no wage or salary earner or in which the husband, wife, or other persons maintaining the family is either self-employed or in the Armed Forces.

HISTORIC COMPARABILITY

Raised lower age limit

Beginning with data for 1967, the lower age limit for official statistics on persons in the labor force was raised from 14 to 16 years. A detailed discussion of this and other definitional changes introduced at that time including estimates of their effect on the various series, is contained in "New Definitions for Employment and Unemployment" by Robert L. Stein in the February 1967 issue of *Employment and Earnings and Monthly Report on the Labor Force*.

Noncomparability of labor force levels

Before the changes introduced in 1967, the labor force data were not comparable for three earlier periods: (1) Beginning in 1953, as a result of the introduction of data from the 1950 census into the estimation procedure, population levels were raised by about 600,000; labor force, total employment, and agricultural employment by about 350,000, primarily affecting the figures for totals and males; other categories were relatively unaffected; (2) beginning in 1960, the inclusion of Alaska and Hawaii resulted in an increase of about 500,000 in the population and about 300,000 in the labor force, four-fifths of this in nonagricultural employment; other labor force categories were not appreciably affected; (3) beginning in 1962, the introduction of figures from the 1960 census reduced the population by about 50,000, labor force and employment by about 200,000; unemployment totals were

virtually unchanged. In addition, beginning in 1972, information from the 1970 census was introduced into the estimation procedures, producing an increase in the civilian noninstitutional population of about 800,000; labor force and employment totals were raised by a little more than 300,000, and unemployment levels and rates were essentially unchanged. A subsequent population adjustment based on the 1970 census was introduced in March 1973. This adjustment affected the white and black and other groups but had little effect on totals. The adjustment resulted in the reduction of nearly 300,000 in the white population and an increase of the same magnitude in the black and other population. Civilian labor force and total employment figures were affected to a lesser degree; the white labor force was reduced by 150,000, and the black and other labor force rose by about 210,000. Unemployment levels and rates were not significantly affected.

Beginning in January 1974, the methodology used to prepare independent estimates of the civilian noninstitutional population was modified to an "inflation-deflation" approach. This change in the derivation of the population estimates had its greatest impact on estimates of 20- to 24-year-old males—particularly those of the black-and-other population—but had little effect on 16 and over totals. Additional information on the adjustment procedure appears in "CPS Population Controls Derived from Inflation-Deflation Method of Estimation" in the February 1974 issue of *Employment and Earnings*.

Effective July 1975, as a result of the immigration of Vietnamese refugees into the United States, the total and black-and-other independent population controls for persons 16 years and over were adjusted upward by 76,000—30,000 males and 46,000 females. The addition of the refugees increased the black-and-other population by less than 1 percent in any age-sex group, and all of the changes were in the "other" population.

Beginning in 1978, the introduction of an expansion of the sample and revisions in the estimation procedures resulted in an increase of roughly a quarter of a million in the overall civilian labor force and employment totals; unemployment levels and rates were essentially unchanged. An explanation of the procedural changes and an indication of the differences appear in "Revisions in the Current Population Survey in January 1978" in the February 1978 issue of *Employment and Earnings*.

Beginning in October 1978, the race of the individual was determined by the household respondent for the incoming rotation group households, rather than determined by the interviewer as before. The purpose of this change was to provide more accurate estimates of characteristics by race. Thus, in October 1978, one-eighth of the sample households had race determined by the household respondent and seven-eighths of the sample households had race determined by interviewer observation. It was not until January 1980 that the entire sample had race determined by the household respondent. The new procedure had no significant effect on the estimates.

Beginning in 1979, the first-stage ratio estimation method was changed in the CPS estimation procedure. The new procedure is described in the *Estimating Methods* section. The reasoning behind the change and an indication of the differences appear in "Change in the Estimation Procedure for the Current Population Survey beginning in January 1979" in the February 1979 issue of *Employment and Earnings*. Differences between the old and new procedures exist only for metropolitan and nonmetropolitan estimates, not for the total U.S.

Beginning in January 1982, the second-stage ratio adjustment methodology was changed in the CPS estimation procedure. The new procedure is described in the *Estimating Methods* section. The purpose of the change and an indication of its effect on national estimates of labor force characteristics appear in "Revisions in the Current Population Survey in January 1982" in the February 1982 issue of *Employment and Earnings*. In addition, current population estimates used in the second-stage estimation procedure are derived from information obtained from the 1980 census, rather than the 1970 census. This change caused substantial increases in total population and estimates of persons in all labor force categories. Rates on labor force characteristics, however, remained virtually unchanged. Some 30,000 labor force series were adjusted back to 1970 to avoid major breaks in series. The adjustment procedure used is also described in the February 1982 article referenced above. The revisions did not, however, smooth out the breaks in series occurring between 1972 and 1979 that are described above, and data users should make allowances for them in making certain data comparisons.

Changes in the occupational classification system

Beginning with 1971, the comparability of occupational employment data was affected as a result of changes in census occupational classifications introduced into the Current Population Survey (CPS). These changes stemmed from an exhaustive review of the classification system to be used for the 1970 Census of Population. The purpose of this review, the most comprehensive since the 1940 census, was to reduce the size of larger groups, to be more specific about general and "not elsewhere classified" groups, and to provide information on emerging significant occupations. Differences in March 1970 employment levels tabulated on both the 1960 and 1970 classification systems ranged from a drop 650,000 in operatives to an increase of 570,000 in service workers, much of which resulted from a shift between these two groups; the nonfarm laborers group increased by 420,000, and changes in other groups amounted to 220,000 or less.

An additional major group was created by splitting the operatives category into two: Operatives, except transport, and transport equipment operatives. Separate data for these two groups first became available in January 1972. At the same time, several changes in titles, as well as in order of presentation, were introduced; for example, the title of the managers, officials, and proprietors group was changed to "managers and administrators, except farm," since only proprietors performing managerial duties are included in the category.

Apart from the effects of revisions in the occupational classification system beginning in 1971, comparability of occupational employment data was further affected in December 1971, when a question eliciting information on major activities or duties was added to the monthly CPS questionnaire in order to determine more precisely the occupational classification of individuals. This change resulted in several dramatic occupational shifts, particularly from managers and administrators to other groups. thus, meaningful comparisons of occupational levels cannot always be made for 1972 and subsequent years with earlier periods. However, revisions in the occupational classification system as well as in the CPS questionnaire are believed to have had but a negligible impact on unemployment rates.

Additional information on changes in the occupational classification system of the CPS appears in "Revisions in Occupational Classifications for 1971" and "Revisions in the Current Population Survey" in the February 1971 and February 1972 issues, respectively, of *Employment and Earnings*.

Changes in sample design

Since the inception of the survey, there have been various changes in the design of the CPS sample. Most of these changes were made in order to improve the efficiency of the sample design and/or to increase the reliability of the sample estimates.

One major change made after every decennial census is to change the sample design to make use of the recently collected census materials. Also, occasionally the sample is expanded in terms of number of sample areas and number of sample persons. In 1953, a rotation plan was introduced in which a sample unit would be interviewed for 4 months, leave the sample for 8 months, and then return to the sample for another 4 months. When Alaska and Hawaii achieved statehood, three more sample areas were added to the sample to account for the population in these States. After the 1960 census, selection of a major portion of the sample from census address lists was begun, though a portion of the sample is still collected using area

sampling. Following the 1970 census, the ultimate sampling unit was changed from a noncontiguous cluster of six housing units to a usually contiguous cluster of four housing units. In January 1978, a supplemental sample of 9,000 housing units, selected in 24 States and the District of Columbia and designed to provide more reliable annual average estimates for States, was incorporated with the existing design. A coverage improvement sample, composed of approximately 450 sample household units which represent 237,000 occupied mobile homes and 60,000 new construction house units, was included in computing the estimates beginning in October 1978 in order to provide coverage of mobile homes and new construction housing units that previously had no chance for selection in the CPS sample. In January 1980 another supplemental sample of 9,000 households selected in 32 States and the District of Columbia was added to the existing sample. A sample reduction of about 6,000 units was implemented in May 1981. In January 1982, about 100 occupied units were added to provide sufficient coverage in counties added to SMSA's which were redefined in 1973.

Table A provides a description of some aspects of the CPS sample design in use during the different data collection periods. For a more detailed account of the history of the CPS sample design, see *The Current Population Survey: Design and Methodology*, Technical Paper No. 40, Bureau of the Census, U.S. Department of Commerce, or *Concepts and Methods used in Labor Force Statistics Derived from the Current Population Survey*, BLS Report 463.

ESTIMATING METHODS

Under the estimating methods used in the CPS, all of the results for a given month become available simultaneously and are based on returns from the entire panel of respondents. The CPS estimation procedure involves weighting the data from each sample person. The basic weight, which is the inverse of the probability of the person being in the sample, is a rough measure of the number of actual persons that the sample person represents. In States supplemented in the 1978 and 1980 expansions, almost all sample persons within the sample area have the same basic weight, but the weight may differ across sample areas. The basic weight is the same for almost all sample persons in unsupplemented States. The basic weights are then adjusted for noninterview, and the ratio estimation procedure is applied.

1. Noninterview adjustment. The weights for all interviewed households are adjusted to the extent needed to account for occupied sample households for which no information was obtained because of absence, impassable roads, refusals, or unavailability of the respondent for other reasons. This adjustment is made separately by combinations of sample areas within each State and the District of Columbia, and within these, for six groups—two race categories (white, and black and other) within three residence categories. For sample areas which are Standard Metropolitan Statistical Areas (SMSA's), these residence categories are the central cities, and the urban and the rural balance of the SMSA's. For other sample areas, the residence categories are urban, rural nonfarm, and rural farm. The proportion of sample households not interviewed varies from 4 to 5 percent depending on weather, vacations, etc.

2. *Ratio estimates.* The distribution of the population selected for the sample may differ somewhat, by chance, from that of the population as a whole, in such characteristics as age, race, sex, and residence. Since these characteristics are closely correlated with labor force participation and other principal measurements made from the sample, the survey estimates can be substantially improved when weighted appropriately by the known distribution of these population characteristics. This is accomplished through two stages of ratio estimates as follows:

a. *First-stage ratio estimate.* In the CPS, a portion of the 629 sample areas is chosen to represent other areas not in the sample; the remainder of the sample areas represent only themselves. The first-stage ratio estimation procedure was designed to reduce the portion of the variance resulting from requiring sample areas to represent nonsample areas. Therefore, this procedure is not applied to sample areas which represent only themselves. The procedure is performed at two geographic levels: First, by the four census regions (Northeast, North Central, South, and West), and second, for each of the 46 States which contains nonsample areas. The procedure corrects for the differences that existed at the time of the 1980 census between the distribution by race and residence of the population in the sample areas and the known race-residence distribution in the portions of the census region or State represented by these areas. The regional adjustment is performed by metropolitan-nonmetropolitan residence and race, while the State adjustment is done by urban-rural status and race.

b. *Second-stage ratio estimate.* In this stage, the sample proportions in the categories described below are adjusted to the distribution of independent current estimates of the civilian noninstitutional population in the same categories. The second-stage ratio estimate is performed in order to increase the reliability of the estimates and is carried out in two steps. In the first step, the sample estimates are adjusted within each State and the District of Columbia to an independent control for the population 16 years and over, for the State. The second step of the adjustment is applied to all sample persons and is a weighting to nationwide independent population estimates of the civilian noninstitutional population within 68 age-sex-race groups. The entire second-stage ratio estimation procedure is iterated six times, each time beginning at the weights developed the previous time. This iteration ensures that the sample estimates both of the State population and of the national age-sex-race categories will be virtually equal to the independent population estimates. This second stage adjustment procedure incorporates changes instituted in January 1982. The nature of these changes is discussed in detail in "Revisions in the

Table A. Characteristics of the CPS sample

Time period	Number of sample areas	Households eligible		Households visited not eligible
		Interviewed	Not interviewed	
Aug. 1947 to Jan. 1954	68	21,000	500–1,000	3,000–3,500
Feb. 1954 to Apr. 1956	230	21,000	500–1,000	3,000–3,500
May 1956 to Dec. 1959	[1] 330	33,500	1,500	6,000
Jan. 1960 to Feb. 1963	[2] 333	33,500	1,500	6,000
Mar. 1963 to Dec. 1966	357	33,500	1,500	6,000
Jan. 1967 to July 1971	449	48,000	2,000	8,500
Aug. 1971 to July 1972	449	45,000	2,000	8,000
Aug. 1972 to Dec. 1977	461	45,000	2,000	8,000
Jan. 1978 to Dec. 1979	614	53,500	2,500	10,000
Jan. 1980 to Apr. 1981	629	62,200	2,800	12,000
May 1981 to present	629	57,800	2,500	11,000

[1] Beginning in May 1956, these areas were chosen to provide coverage in each State and the District of Columbia.

[2] Three sample areas were added in 1960 to represent Alaska and Hawaii after statehood.

Current Population Survey Beginning in January 1982" in the February 1982 issue of *Employment and Earnings*.

The controls by State for the civilian noninstitutional population 16 years and over are an arithmetic extrapolation of the trend in the growth of this segment of the population from the April 1, 1980 census through the lastest available July 1 estimate, adjusted as a last step to a current estimate of the U.S. population of this group. State estimates by age for July 1 are published annually in *Current Population Reports*, Series P-25. For a description of the methodology used in developing the State total, use Report 640 of that series. Descriptions of the age estimates methodology are available on request from the Chief of the Population Division, U.S. Bureau of the Census; Washington, D.C. 20233.

Beginning with the January 1982 estimates, the independent national controls used for the age-sex-race groups in the final step of the second-stage ratio adjustment are prepared by carrying forward the April 1, 1980, total population by age, race, and sex, taking account of the subsequent aging of the population, fertility, mortality, and net immigration, and then subtracting the estimate for the institutional population and Armed Forces. The April 1, 1980, total population was computed by adding together the resident population, consistent with that published for the 1980 census in *Advance Reports*, Series PHC80-V, and the Armed Forces overseas, as compiled from Department of Defense reports.

Data on births and deaths between April 1, 1980, and the estimate date are based on tabulation of vital statistics for the resident population made by the National Center for Health Statistics and data on deaths of military personnel overseas from the Department of Defense. Estimates of net civilian immigration are based on data provided by the Immigration and Naturalization Service, the Department of Defense, the Office of Personnel Management, and the Puerto Rico Planning Board. The civilian noninstitutional population for the estimate date is derived by subtracting the Armed Forces and the institutional population from the total population including Armed Forces overseas. The institutional population is computed by applying institutional proportions derived from the 1980 census to the total population, including Armed Forces overseas for the estimate date. All computations described above are performed in cells defined by single year of age, race, and sex. The independent national controls totals are then obtained by collapsing these cells into broader age groups for the population 16 years and older.

3. *Composite estimate procedure*. In deriving statistics for a given month, a composite estimating procedure is used which takes account of net changes from the previous month for continuing parts of the sample (75 percent) as well as the sample results for the current month. Almost all estimates of month-to-month change are improved by this procedure, and most estimates of levels are also improved, but to a lesser extent.

Rounding of estimates

The sums of individual items may not always equal the totals shown in the same tables because of independent rounding of totals and components to the nearest thousand. Differences, however, are insignificant.

Reliability of the estimates

There are two types of errors possible in an estimate based on a sample survey—sampling and nonsampling. The standard errors provided primarily indicate the magnitude of the sampling error. They also partially measure the effect of some nonsampling errors in response and enumeration but do not measure any systematic biases in the data.

Nonsampling errors. The full extent of nonsampling error is unknown, but special studies have been conducted to quantify some sources of nonsampling error in the CPS as discussed below. The effect of nonsampling error should be small on estimates of relative change, such as month-to-month change. Estimates of monthly levels would be more severely affected by the nonsampling error.

Nonsampling errors in surveys can be attributed to many sources, e.g., inability to obtain information about all cases in the sample, definitional difficulties, differences in the interpretation of questions, inability or unwillingness of respondents to provide correct information, inability to recall information, errors made in collection such as in recording or coding the data, errors made in processing the data, errors made in estimating values for missing data, and failure to represent all sample households and all persons within sample households (undercoverage).

Nonsampling errors occurring in the interview phase of the survey have been studied by means of a reinterview program. This program is used to estimate various sources of error as well as to evaluate and control the work of the interviewers. A random sample of each interviewer's work is inspected through reinterview at regular intervals. The results indicate, among other things, that the data published from the CPS are subject to moderate systematic biases. A description of the CPS reinterview program and some of the other results may be found in the *Current Population Survey Reinterview Program, January 1961 through December 1966*, Technical Paper No. 19, Bureau of the Census, U.S. Department of Commerce.

The effects of some components of nonsampling error in the CPS data can be examined as a result of the rotation plan used for the sample, since the level of the estimates varies by rotation group. A description of these effects appears in the article "The Effects of Rotation Group Bias on Estimates from Panel Surveys," by Barbara A. Bailar, *Journal of the American Statistical Association*, Volume 70, No. 349, March 1975.

Undercoverage in the CPS results from missed housing units and missed persons within sample households. Overall undercoverage as compared to the level of the decennial census, is about 5 percent. It is known that the CPS undercoverage varies with age, sex, and race. Generally, undercoverage is larger for males than for females, and larger for black and other races combined than for whites. Ratio estimation to independent age-sex-race population controls, as described previously, partially corrects for the biases due to survey undercoverage. However, biases exist in the estimates to the extent that missed persons in missed households or missed persons in interviewed households have different characteristics than interviewed persons in the same age-sex-race group. Further, the independent population controls used have not been adjusted for undercoverage in the 1980 census.

Additional information on nonsampling error in the CPS appears in the paper, "An Error Profile: Employment as Measured by the Current Population Survey," by Camilla Brooks and Barbara Bailar, Statistical Policy Working Paper 3, U.S. Department of Commerce, Office of Federal Statistical Policy and Standards; in the paper "The Current Population Survey: An Overview," by Marvin Thompson and Gary Shapiro, *Annals of Economic and Social Measurement, Vol. 2, April 1973*; and in the *The Current Population Survey, Design and Methodology*, Technical Paper No. 40, Bureau of the Census, U.S. Department of Commerce. This last document includes a comprehensive and up-to-date discussion of various sources of error, and describes attempts to measure them in the CPS.

Sampling error. The standard error is primarily a measure of sampling variability, that is, of the variation that occurs by chance because a sample rather than the entire population is surveyed. The sample estimate and its estimated standard error enable one to construct confidence intervals, ranges that would include the average of all possible samples with a known probability. For example, if all possible samples were selected, each of these surveyed under essentially the same general conditions and using the sample sample design, and an estimate and its estimated error were calculated from each sample, then:

same general conditions and using the same sample design, and an estimate and its estimated error were calculated from each sample, then:

1. Approximately 68 percent of the intervals from one standard error below the estimate to one standard error above the estimate would include the average result of all possible samples.
2. Approximately 90 percent of the intervals from 1.6 standard errors below the estmate to 1.6 standard errors above the estimate would include the average of all possible samples.
3. Approximately 95 percent of the intervals from 2 standard errors below the estimate to 2 standard errors above the estimate would include the average result of all possible samples.

In order to derive standard errors that would be applicable to a large number of estimates and could be prepared at a moderate cost, a number of approximations were required. First, the standard errors in this volume reflect the sample design and estimation procedures in effect prior to the expansions for State estimates. Thus, these standard errors may slightly overstate the standard errors applicable to the present design. Second, instead of computing an individual standard error for each estimate, generalized sets of standard errors were computed for various types of characteristics. This generalization yields more stable estimates of the standard errors. Consequently, the sets of standard errors provided give an indication of the order of magnitude of the standard error of an estimate rather than the precise standard error.

Tables B and C show approximate standard errors for major employment status characteristics for monthly estimates and for changes for consecutive months. These standard errors are applicable to the level of the estimates in recent months.

Tables D through H provide generalized standard errors for monthly level and month-to-month change for estimated totals, unemployment rates, and percentages. Table I contains factors for use with table H for computing standard errors, as described below, for monthly level and month-to-month change for percentages. Standard errors for intermediate values not shown in the tables may be approximated by linear interpolation. The standard error for estimated changes from one month to the next is more closely related to the monthly level for the characteristic than to the size of the specific month-to-month change itself. Thus, in order to use the generalized standard errors for month-to-month change as given in the tables of standard errors, it is necessary to obtain the monthly estimate for the characteristic. It should be noted that the tables of standard errors for month-to-month change apply only to estimates of change between two consecutive months. Estimates of change for nonconsecutive months are subject to higher standard errors. Table J contains factors for use with tables D,F,H,and I to compute approximate standard errors, as described below, for levels, labor force participation rates, and percentages as pertaining to year-to-year change of monthly estimates, quarterly averages, changes in quarterly averages, yearly averages and changes in yearly averages. Note that standard errors for changes in quarterly and yearly estimates apply only to consecutive quarters and years. For years prior to 1967, the standard errors must be adjusted due to the differences in the sample size. For years prior to 1956, the standard errors should be multiplied by 1.50 and for the 1956-66 period they should by multiplied by 1.22. Table K provides generalized standard errors for quarterly estimates of persons and families for use with the CPS earnings data.

Standard errors for estimated totals. Tables D and E provide generalized standard errors for monthly totals and for month-to-month change. The figures given in these tables are to used for the characteristics as indicated.

Illustration. Assume that in a given month the number of persons working a specific number of hours was 12,000,000, an increase of 400,000 over the previous month. Linear interpolation in the second column of table D shows that the standard error on an estimate of 12,000,000 is about 150,000. The 68 percent confidence interval as shown by these data is from 11,850,000 to 12,150,000. Therefore, a conclusion that the average estimate derived from all possible samples lies within a range computed in this way would be correct for roughly 68 percent of all possible samples. Recall that the standard error of a month-to-month change is primarily dependent on the size of the monthly estimate. Thus, using linear interpolation in the first column of table E the standard error on a month-to-month change of 400,000 when the monthly level is approximately 12,000,000 is about 111,000.

Standard errors for rates and percentages. The reliability of an estimated unemployment rate or an estimated percentage, computed using sample data for both numerator and denominator, depends on both the size of the rate or percentage and the total upon which the rate or percentage is based. Estimated rates and percentages are relatively more reliable than the corresponding estimates of the numerator of the rates or percentages; this is particularly true for percentages of 50 percent or more. As a general rule, percentages are not published when the monthly base is less than 75,000, the quarterly average base is less than 60,000, or the annual average base is less than 35,000.

Tables F and G show generalized standard errors for monthly level and month-to-month change for unemployment rates.

Generalized standard errors for estimated monthly percentages and estimated month-to-month change in percentages can be obtained through the use of the standard errors in table H and the factors in table I. First obtain the standard error from table H for the specific percentage and base. The generalized standard error is then calculated

Table B. Standard errors for major employment status categories

(In thousands)

Employment status, sex, age, and race	Standard error of-	
	Monthly level	Month-to-month change (consecutive months only)
Total, 16 years and over		
Civilian labor force	208	161
Employed	229	175
Unemployed	122	123
Males, 20 years and over		
Civilian labor force	113	95
Employed	131	114
Unemployed	84	85
Females, 20 years and over		
Civilian labor force	167	124
Employed	168	128
Unemployed	71	74
Both sexes, 16-19 years		
Civilian labor force	80	85
Employed	85	94
Unemployed	58	72
Black and other, 16 years and over		
Civilian labor force	73	56
Employed	84	63
Unemployed	59	62
Males, 20 years and over		
Civilian labor force	40	34
Employed	49	43
Unemployed	40	42
Females, 20 years and over		
Civilian labor force	62	46
Employed	62	48
Unemployed	36	40
Both sexes, 16-19 years		
Civilian labor force	33	37
Employed	31	36
Unemployed	28	30

by multiplying the standard error from table H by the appropriate factor from table I. When the numerator and denominator of the percentage are in different categories, use the factor indicated by the numerator of the percentage.

Illustration. For example, assume that in a given month 3.6 percent of a total of 90,771,000 employed persons are employed in agriculture. First the standard error on an estimate of 3.6 percent with a base of 90,771,000 is obtained from table H (0.09 percentage point). The appropriate factor from table I for the numerator of the percentage, agricultural employment, is 1.26. The generalized standard error on the estimated 3.6 percent is then approximately 0.09 x 1.26 = 0.1 percentage point.

Standard errors for year-to-year change of monthly estimates, quarterly averages, changes in quarterly averages, yearly averages and changes in yearly averages. The approximate standard errors of levels, rates and percentages involving year-to-year change of monthly estimates, quarterly averages, changes in quarterly averages, yearly averages and changes in yearly averages may be obtained by using table J in conjunction with the other tables. Standard errors for estimates of change are more closely related to the level of the estimate than to the size of the specific change. Thus, to obtain the standard error of an estimate of an average level, rate, or percentage, or an estimate of a change in level, rate, or percentage, it is first necessary to find the appropriate estimate of level. For an estimate of an average level, rate or percentage, find the standard error of this estimate. For an estimate of change in level, rate or percentage, find the standard error of the average of the two estimates affecting the change. Then, after computing the standard error by treating these estimates as monthly estimates and using the procedures above, multiply this result by a suitable factor from table J to obtain the approximate standard error for the average or change.

Illustration. For example, suppose that one is interested in the year-to-year change of a monthly unemployment rate. Let us assume that for a certain month the unemployment rate is 6.9 percent based on a total of 95,676,000 in the civilian labor force, and that a year prior to this the unemployment rate was 6.1 percent based on a total of 94,254,000 in the civilian labor force for the month. First, the standard error on the average of the two estimates, 6.5 percent with a base of 94,965,000, is obtained from table F (0.11 percentage point). The appropriate factor then from table J is 1.40. The approximate standard error on the change of 0.8 percent is then given by 0.11x1.40 = 0.15 percentage point.

The approximate standard error of levels involving year-to-year change of quarterly estimates pertaining to CPS earnings data for persons and families may be obtained by using table K in conjunction with the following formula:

$$\text{Standard error of year-to-year change} = \sqrt{\left(\begin{matrix}\text{Standard}\\ \text{error}\end{matrix}\right)_X^2 + \left(\begin{matrix}\text{Standard}\\ \text{error}\end{matrix}\right)_Y^2 - 2(P)\left(\begin{matrix}\text{Standard}\\ \text{error}\end{matrix}\right)_X \left(\begin{matrix}\text{Standard}\\ \text{error}\end{matrix}\right)_Y}$$

where X is the estimate for one quarter and Y is the estimate for another quarter. The coefficient, P, is a measure of the correlation between the estimates X and Y resulting from the presence of some of the same respondents in the sample for each estimate. For consecutive year-to-year changes of quarterly estimates, the values of P are .30 for persons (total, white, and black) and .35 for families (total, white, and black). The respective values for estimates of Hispanics are .45 and .55.

Illustration.

Assume that in a given quarter the number of women employed as full-time wage and salary workers was 27,000,000 and in the same quarter a year later their number had increased to 29,000,000. Using linear interpolation in the eighth column of table K, the standard error of an estimate of 27,000,000 is 216,000; for 29,000,000 it is 221,000. Using the above formula, the standard error of the 2,000,000, year-to-year change is:

$$\sqrt{(216{,}000)^2 + (221{,}000)^2 - 2\,(.30)\,(216{,}000)\,(221{,}000)},$$

or about 259,000.

Table C. Standard errors for unemployment rates by major characteristics

Selected categories	Standard error of-	
	Monthly level	Consecutive month change
Total (all civilian workers)	0.12	0.12
Males, 20 years and over	.15	.15
Females, 20 years and over	.17	.18
Both sexes, 16-19 years	.57	.67
White workers	.12	.12
Black (and other) workers	.46	.49
Married men, spouse present	.15	.16
Married women, spouse present	.21	.23
Full-time workers	.12	.13
Part-time workers	.32	.40
Unemployed 15 weeks and over	.06	.07
OCCUPATION		
White-collar workers	.12	.13
Professional and technical	.18	.20
Managers and administrators, except farm	.20	.23
Sales workers	.36	.41
Clerical workers	.23	.25
Blue-collar workers	.24	.26
Blue-collar workers—Continued		
Craft and kindred workers	0.33	0.37
Operatives, except transport	.44	.50
Transport equipment operatives	.70	.77
Nonfarm laborers	.71	.81
Service workers	.32	.36
Farm workers	.54	.62
INDUSTRY		
Nonagricultural private wage and salary workers	.13	.13
Construction	.59	.70
Manufacturing	.27	.30
Durable goods	.37	.41
Nondurable goods	.39	.45
Transportation and public utilities	.38	.42
Wholesale and retail trade	.26	.29
Finance and service industries	.17	.19
Government workers	.20	.23
Agricultural wage and salary workers	1.07	1.26

Table D. Standard errors for estimates of monthly level

(in thousands)

Estimated monthly level	Characteristic[1]								
		Labor force data other than unemployment and agricultural employment data						Unemployment	
	Agricultural employment	Total or white	Black and other	Total or white, 16-19 years	Black and other, 16-19 years	Total or white males only, or females only	Black and other males only, or females only	Total or white	Black and other
50	13	10	10	10	10	9	9	10	11
100	18	14	14	14	14	13	13	14	15
500	41	32	32	32	28	30	29	31	33
1,000	57	45	44	44	33	42	40	44	46
2,000	81	64	60	60	13	59	52	62	63
4,000	113	90	79	77	-	82	60	87	83
6,000	137	109	88	84	-	99	53	106	93
8,000	-	125	90	84	-	113	16	122	-
10,000	-	139	87	76	-	124	-	135	-
15,000	-	166	36	-	-	146	-	163	-
20,000	-	188	-	-	-	161	-	182	-
30,000	-	219	-	-	-	177	-	-	-
40,000	-	249	-	-	-	178	-	-	-
50,000	-	253	-	-	-	164	-	-	-
60,000	-	260	-	-	-	131	-	-	-
70,000	-	260	-	-	-	49	-	-	-
80,000	-	254	-	-	-	-	-	-	-
100,000	-	221	-	-	-	-	-	-	-
120,000	-	143	-	-	-	-	-	-	-

[1] When determining the standard error of an estimate for a group which is a subset of the age, sex, or race groups listed, use the standard error for the next larger group, e.g., when determining the standard error on the estimated number of employed persons age 20 to 54 years, use the column for total employed.

Table E. Standard errors for estimates of month-to-month change

(in thousands)

Estimated monthly level	Characteristic[1]							
	Labor force data other than unemployment and agricultural employment data				Unemployment			
	Total or white	Black and other	Total or white, 16-19 years	Black and other, 16-19 years	Total or white	Both sexes 16-19 years, or part-time labor force[2]	Black and other	Black and other, 16-19 years
50	8	8	12	12	11	12	12	12
100	11	11	17	17	16	17	16	17
500	24	23	37	33	35	39	36	34
1,000	34	33	52	37	48	55	49	39
2,000	47	45	70	-	68	77	65	-
4,000	66	58	89	-	93	107	80	-
6,000	81	65	96	-	110	129	-	-
8,000	93	68	93	-	123	147	-	-
10,000	103	65	78	-	132	162	-	-
15,000	123	33	-	-	145	191	-	-
20,000	130	-	-	-	146	211	-	-
30,000	163	-	-	-	-	-	-	-
40,000	179	-	-	-	-	-	-	-
50,000	189	-	-	-	-	-	-	-
60,000	194	-	-	-	-	-	-	-
70,000	195	-	-	-	-	-	-	-
80,000	191	-	-	-	-	-	-	-
100,000	179	-	-	-	-	-	-	-
120,000	119	-	-	-	-	-	-	-

[1] See footnote 1, table D.

[2] Part-time labor force for unemployment also includes persons reentering the labor force, persons who left their last job, and persons by duration of unemployment.

Table F. Standard errors for unemployment rates

Monthly base of unemployment rate (in thousands)	Monthly unemployment rate (percent)									
	1	2	5	10	15	20	25	30	35	50
50	2.05	2.88	4.49	6.18	7.36	8.25	8.93	9.46	9.85	10.36
100	1.45	2.04	3.18	4.37	5.20	5.83	6.32	6.69	6.97	7.33
500	.65	.91	1.42	1.96	2.33	2.61	2.82	2.99	3.12	3.28
1,000	.46	.65	1.01	1.38	1.65	1.84	2.00	2.12	2.21	2.32
2,000	.32	.46	.71	.98	1.17	1.31	1.42	1.50	1.56	1.64
4,000	.23	.32	.50	.69	.83	.92	1.00	1.06	1.10	1.16
6,000	.19	.26	.41	.57	.67	.75	.82	.86	.90	.94
10,000	.15	.21	.32	.44	.52	.59	.63	.67	.70	.73
20,000	.11	.15	.23	.31	.37	.41	.45	.47	.49	.51
60,000	.06	.08	.12	.17	.20	.23	.25	.26	.27	.28
100,000	.04	.06	.10	.13	.16	.18	.19	.20	.21	.22

Table G. Standard errors for month-to-month change in unemployment rates

Monthly base of unemployment rate (in thousands)	Monthly unemployment rate (percent)									
	1	2	5	10	15	20	25	30	35	50
50	2.32	3.28	5.12	7.10	8.52	9.64	10.05	11.39	11.97	12.55
100	1.64	2.32	3.62	5.02	6.02	6.81	7.11	8.05	8.39	8.87
500	.74	1.04	1.62	2.25	2.69	3.04	3.17	3.58	3.73	3.93
1,000	.52	.73	1.15	1.59	1.90	2.15	2.24	2.52	2.62	2.74
2,000	.37	.52	.81	1.12	1.34	1.51	1.57	1.76	1.83	1.89
4,000	.26	.37	.57	.79	.94	1.06	1.10	1.22	1.26	1.26
6,000	.21	.30	.47	.64	.76	.86	.89	.97	1.00	–
10,000	.16	.13	.36	.49	.59	.65	.67	.72	–	–
20,000	.11	.15	.24	.33	.39	.44	.48	.51	–	–
60,000	.06	.09	.13	.18	.21	.22	.23	–	–	–
100,000	.05	.07	.10	.13	.14	.14	–	–	–	–

Table H. Standard errors for estimated percentages and month-to-month change in percentages for labor force data

Monthly base of percentages (in thousands)	Percentage of monthly level									
	1 or 99	2 or 98	5 or 95	10 or 90	15 or 85	20 or 80	25 or 75	30 or 70	35 or 65	50
50	2.03	2.85	4.44	6.12	7.28	8.15	8.83	9.34	9.72	10.19
100	1.43	2.02	3.14	4.32	5.15	5.77	6.24	6.61	6.88	7.21
500	.64	.90	1.41	1.93	2.30	2.58	2.79	2.95	3.07	3.22
1,000	.45	.64	.99	1.37	1.63	1.82	1.97	2.09	2.17	2.28
2,000	.32	.45	.70	.97	1.15	1.29	1.40	1.48	1.54	1.61
4,000	.23	.32	.50	.68	.81	.91	.99	1.04	1.09	1.14
6,000	.19	.26	.41	.56	.66	.74	.81	.85	.89	.93
10,000	.14	.20	.31	.43	.51	.58	.62	.66	.69	.73
20,000	.10	.14	.22	.31	.36	.41	.44	.47	.49	.51
40,000	.07	.10	.16	.22	.26	.29	.31	.33	.34	.36
60,000	.06	.08	.13	.18	.21	.24	.25	.27	.28	.29
80,000	.05	.07	.11	.15	.18	.20	.22	.23	.24	.25
100,000	.05	.06	.10	.14	.16	.18	.20	.21	.22	.23
160,000	.04	.05	.08	.11	.13	.14	.16	.17	.17	.18

NOTE: The standard errors in this table must be multiplied by the factors in table I to obtain the approximate standard error for a specific characteristic

Table I. Factors to be used with Table H to compute approximate standard errors for percentages and month-to-month change in percentages

Characteristic	Factor		Characteristic	Factor	
	Monthly level	Month-to-month change		Monthly level	Month-to-month change
Agricultural employment:			Unemployment:		
Total or full-time labor force	1.26	1.05	Part-time labor force, duration of unemployment, left last job, reentering labor force	1.01	1.21
Part-time labor force	1.26	1.50			
Labor force data other than agricultural employment data and unemployment data:			All other unemployment characteristics:		
Total	1.00	.74	Total or white:		
Males only	.93	.84	Total	.97	1.08
Females only	.86	.75	Both sexes, 16-19 years	.97	1.21
Both sexes, 16-19 years	1.00	1.18	Black and other:		
Part-time labor force	1.00	1.18	Total	1.04	1.13
			Both sexes, 16-19 years	1.04	1.24

Table J. Factors to be used with Tables, D, F, H, and I to compute the approximate standard errors for levels, rates, and percentages for year-to-year change of monthly estimates, quarterly averages, change in quarterly averages, yearly averages and change in yearly averages

Characteristic	Factors				
	Year-to-year change of monthly estimate	Quarterly averages	Change in quarterly averages	Yearly averages	Change in yearly averages
Agricultural employment:					
Total or males	1.30	0.89	0.80	0.72	0.70
Females or teenagers (16-19 years)	1.30	.83	.80	.58	.70
Part time	1.40	.74	.80	.46	.70
Labor force data other than agricultural employment data and unemployment data:					
Total or white	1.30	.88	.88	.67	.70
Black and other or teenagers (16-19 years)	1.30	.82	.88	.57	.70
Part time	1.40	.74	.88	.46	.60
Unemployment:					
Total	1.40	.76	.88	.50	.65
Part time	1.40	.69	.88	.39	.54

Table K. Standard errors for estimates of quarterly level

(In thousands)

Estimated quarterly level	Characteristic								
	Total			Males				Females	
	Part-time workers	Total or full-time workers		Part-time workers	Total or full-time workers			Total, full-time, or part-time workers	
		Total or white	Black		Total	White	Black	Total or white	Black
10	5	5	5	5	5	5	5	5	5
50	11	12	12	11	12	12	12	11	11
75	13	15	15	13	15	15	15	13	13
100	15	17	17	15	17	17	17	15	15
150	19	21	21	19	21	21	21	19	19
200	22	24	24	22	24	24	24	22	21
250	24	27	27	24	27	27	27	24	24
300	26	30	30	26	30	30	29	26	26
500	34	38	38	34	38	38	37	34	33
750	42	47	46	42	47	47	45	42	41
1,000	48	54	53	48	54	54	50	48	46
1,500	59	66	63	59	66	66	59	59	56
2,000	68	76	72	68	76	76	65	68	63
2,500	76	85	79	75	84	84	69	75	69
3,000	83	93	85	82	92	92	71	82	74
5,000	107	119	100	105	117	116	64	105	85
7,500	130	145	107	127	140	138	–	127	–
10,000	149	165	102	144	157	155	–	145	–
15,000	180	198	–	167	183	179	–	173	–
20,000	205	224	–	192	199	193	–	195	–
25,000	226	244	–	207	209	199	–	211	–
30,000	224	261	–	219	212	198	–	224	–
40,000	273	286	–	236	201	174	–	242	–
50,000	296	301	–	–	–	–	–	–	–
75,000	331	304	–	–	–	–	–	–	–
100,000	343	255	–	–	–	–	–	–	–

Establishment Data
(B and C tables)

COLLECTION

Payroll reports provide current information on wage and salary employment, hours, and earnings in nonagricultural establishments, by industry and geographic location.

Federal-State cooperation

Under cooperative arrangements, responding establishments report employment, hours, and earnings data to State agencies. State agencies mail the forms to the establishments and examine the returns for consistency, accuracy, and completeness. The States use the reported data to prepare State and area series and also send the reported data to the BLS (Washington Office) for use in preparing the national series. This avoids a duplicate reporting burden on establishments, and together with the use of similar estimating techniques at the national and State levels, promotes increased comparability between estimates.

Shuttle schedules

Form BLS 790—Report on Employment, Payroll, and Hours is the name of the data collection schedule. The collection agency returns the schedule to the respondent each month so that the next month's data can be entered on the space alotted for that month. This "shuttle" procedure assures maximum comparability and accuracy of reporting, since the respondent can see the figures that have been reported for previous months.

Form BLS 790 provides for entry of data on the total number of full- and part-time workers on the payrolls of nonagricultural establishments and, for most industries, employment, payroll, and hours of production and related workers or nonsupervisory workers for pay period which includes the 12th of the month.

CONCEPTS

Industrial classification

Establishments reporting on Form BLS 790 are classified into industries on the basis of their principal product or activity determined from information on annual sales volume. Since January 1980, this information is collected on a supplement to the quarterly unemployment insurance tax reports filed by employers. For an establishment making more than one product or engaging in more than one activity, the entire employment of the establishment is included under the industry indicated by the principal product or activity.

All data on employment, hours, and earnings for the Nation and for States and areas are classified in accordance with the 1972 *Standard Industrial Classification Manual* (SICM), Office of Management and Budget. The BLS tabulates and estimates statistics which distinguish between private and public establishments, thus maintaining continuity with previously published statistics for the private and government sector.

Industry employment

Employment data, except those for the Federal Government, refer to persons on establishment payrolls who received pay for any part of the pay period which includes the 12th of the month. For Federal Government establishments, employment figures represent the number of persons who occupied positions on the last day of the calendar month. Intermittent workers are counted if they performed any service during the month.

The data exclude proprietors, the self-employed, unpaid volunteer or family workers, farm workers, and domestic workers in households. Salaried officers of corporations are included. Government employment covers only civilian employees; military personnel are excluded. Employees of the Central Intelligence and National Security Agencies are also excluded.

Persons on establishment payrolls who are on paid sick leave (when pay is received directly from the firm), on paid holiday, on paid vacation, or who work during a part of the pay period even though they are unemployed or on strike during the rest of the period are counted as employed. Not counted as employed are persons who are on layoff, on leave without pay, on strike for the entire period, or who were hired but have not yet reported during the period.

Industry hours and earnings

Average hours and earnings data are derived from reports of payrolls and hours for production and related workers in manufacturing and mining, construction workers in construction, and nonsupervisory employees in private service-producing industries.

Production and related workers include working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, trucking, hauling, maintenance, repair, janitorial, guard services, product development, auxiliary production for plant's own use (e.g., power plant), recordkeeping, and other services closely associated with the above production operation.

Construction workers include the following employees in the construction division: Working supervisors, qualified craft workers, mechanics, apprentices, helpers, laborers, etc., engaged in new work, alterations, demolition, repair, maintenance, etc., whether working at the site of contruction or working in shops or yards at jobs (such as precutting and preassembling) ordinarily performed by members of the construction trades.

Nonsupervisory employees include employees (not above the working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, physicians, lawyers, accountants, nurses, social workers, research aides, teachers, drafters, photographers, beauticians, musicians, restaurant workers, custodial workers, attendants, line installers and repairers, laborers, janitors, guards, and other employees at similar occupational levels whose services are closely associated with those of the employees listed.

Payroll covers the payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of the pay period which includes the 12th of the month. The payroll is reported before deductions of any kind, e.g., for old-age and unemployment insurance, group insurance, withholding tax, bonds, or union dues; also included is pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period); other pay not earned in the pay period reported (e.g., retroactive pay); tips; and the value of free rent, fuel, meals, or other payment in kind are excluded. "Fringe benefits" (such as health and other types of insurance, contributions to retirement, etc., paid by the employer) are also excluded.

Hours cover the hours paid for during the pay period which includes the 12th of the month for production, construction, or nonsupervisory workers. Included are hours paid for holidays, vacations, and for sick leave when pay is received directly from the firm.

Overtime hours covers hours worked by production or related workers for which overtime premiums were paid because the hours were in excess of the number of hours of either the straight-time workday or the workweek during the pay period which includes the 12th of the month. Weekend and holiday hours are included only if overtime premiums were paid. Hours for which only shift differential, hazard, incentive, or other similar types of premiums were paid are excluded.

Gross average hourly and weekly earnings. Average hourly earnings are on a "gross" basis. They reflect not only changes in basic hourly and incentive wage rates but also such variable factors as premium pay for overtime and late-shift work and changes in output of workers

paid on an incentive plan. They also reflect shifts in the number of employees between relatively high-paid and low-paid work and changes in workers' earnings in individual establishments. Averages for groups and divisions further reflect changes in average hourly earnings for individual industries.

Averages of hourly earnings differ from wage rates. Earnings are the actual return to the worker for a stated period of time; rates are the amount stipulated for a given unit of work or time. The earnings series do not measure the level of total labor costs on the part of the employer since the following are excluded: Irregular bonuses, retroactive items, payments of various welfare benefits, payroll taxes paid by employers, and earnings for those employees not covered under the production worker, construction worker, or nonsupervisory employee definitions.

Gross average weekly earnings estimates are derived by multiplying average weekly hours estimates by average hourly earnings estimates. Therefore, weekly earnings are affected not only by changes in gross average hourly earnings but also by changes in the length of the workweek. Monthly variations in such factors as proportion of part-time workers, stoppages for varying reasons, labor turnover during the survey period, and absenteeism for which employees are not paid may cause the average workweek to fluctuate.

Long-term trends of gross average weekly earnings can be affected by structual changes in the makeup of the work force. For example, persistent long-term increases in the proportion of part-time workers in retail trade and many of the services industries have reduced average workweeks in these industries and have affected the average weekly earnings series.

Average weekly hours. The workweek information relates to the average hours for which pay was received and is different from standard or scheduled hours. Such factors as unpaid absenteeism, labor turnover, part-time work, and stoppages cause average weekly hours to be lower than scheduled hours of work for an establishment. Group averages further reflect changes in the workweek of component industries.

Average overtime hours. The overtime hours represent that portion of the gross average weekly hours which exceeded regular hours and for which overtime premiums were paid. If an employee were to work on a paid holiday at regular rates, receiving as total compensation his or her holiday pay plus straight-time pay for hours worked that day, no overtime hours would be reported.

Since overtime hours are premium hours by definition, gross weekly hours and overtime hours do not necessarily move in the same direction from month to month; for example, overtime premiums may be paid for hours in excess of the straight-time workday although less than a full week is worked. Diverse trends at the industry-group level also may be caused by a marked change in hours for a component industry where little or no overtime was worked in both the previous and current months. In addition, such factors as stoppages, absenteeism, and labor turnover may not have the same influence on overtime hours as on gross hours.

Railroads hours and earnings. The figures for Class I railroads (excluding switching and terminal companies) are based on monthly data summarized in the M-300 report of the Interstate Commerce Commission and relate to all employees except executives, officials, and staff assistants (ICC group I) who received pay during the month. Gross average hourly earnings are computed by dividing total compensation by total hours paid for. Average weekly hours are obtained by dividing the total number of hours paid for, reduced to a weekly basis, by the number of employees, as defined above. Gross average weekly earnings are derived by multiplying average weekly hours by average hourly earnings.

"Real" earnings, or earnings in constant dollars, are calculated from the earnings averages for the current month using a deflator derived from the Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W).

Average hourly earnings excluding overtime. Average hourly earnings excluding overtime premium pay are computed by dividing the total production-worker payroll for the industry group by the sum of total production-worker hours and one-half of total overtime hours. Prior to January 1956, these data were based on the application of adjustment factors to gross average hourly earnings (as described in the *Monthly Labor Review*, May 1950, pp. 537-40). Both methods eliminate only the earnings due to overtime paid for at 1½ times the straight-time rates. No adjustment is made for other premium payment provisions, such as holiday work, late-shift work, and overtime rates other than time and one-half.

Indexes of aggregate weekly payrolls and hours. The indexes of aggregate weekly payrolls and hours are prepared by dividing the current month's aggregate by the average of the 12 monthly figures for 1977. For basic industries, the hour aggregates are the product of average weekly hours and production-worker or nonsupervisory-worker employment, and the payroll aggregates are the product of hour aggregates and average hourly earnings. At all higher levels of industry aggregation, hour and payroll aggregates are the sum of the component aggregates.

Indexes of diffusion of changes in number of employees on nonagricultural payrolls. These indexes measure the percent of industries which posted increases in employment over the specified time span. The indexes are calculated from 186 unpublished seasonally adjusted employment series (two-digit nonmanufacturing industries and three-digit manufacturing industries) covering all nonagricultural payroll employment in the private sector. A more detailed discussion of these indexes appears in "Introduction of Diffusion Indexes," in the December 1974 issue of *Employment and Earnings*.

ESTIMATING METHODS

The principal features of the procedure used to estimate employment for the establishment statistics are (1) the use of the "link relative" technique, which is a form of ratio estimation; (2) periodic adjustment of employment levels to new benchmarks; and (3) the use of size and regional stratification.

The "link relative" technique

From a sample composed of establishments reporting for both the previous and current months, the ratio of current month employment to that of the previous month is computed. This is called a "link relative." The estimates of employment (all employees, including production and nonproduction workers together) for the current month are obtained by multiplying the estimates for the previous month by these "link relatives." In addition, small bias correction factors are applied to selected employment estimates each month. The size of the bias correction factors is determined from past experience. Other features of the general procedures are described in table L.

Size and regional stratification

A number of industries are stratified by size of establishment and/or by region, and the stratified production or nonsupervisory worker data are used to weight the hours and earnings into broader industry groupings. Accordingly, the basic estimating cell for an employment, hours, or earnings series, as the term is used in the summary of computational methods in table L, may be a whole industry or a size stratum, a region stratum, or a size stratum of a region within an industry.

Benchmark adjustments

Employment estimates are compared periodically with comprehensive counts of employment which provide "benchmarks" for the

Table L. Summary of methods for computing industry statistics on employment, hours, and earnings

Item	Basic estimating cell (industry, region, size, or region/size cell)	Aggregate industry levels (divisions, groups and, where stratified, individual cells)
	Monthly data	
All employees	All-employee estimate for previous month multiplied by ratio of all employees in current month to all employees in previous month, for sample establishments which reported for both months.[1]	Sum of all-employee estimates for component cells.
Production or nonsupervisory workers, women employees	All-employee estimate for current month multiplied by (1) ratio of production or nonsupervisory workers to all employees in sample establishments for current month, (2) estimated ratio of women to all employees.[2]	Sum of production- or nonsupervisory-worker estimates, or estimates of women employees, for component cells.
Gross average weekly hours	Production- or nonsupervisory-worker hours divided by number of production or nonsupervisory workers.[2]	Average, weighted by production- or nonsupervisory-worker employment, of the average weekly hours for component cells.
Average weekly overtime hours	Production-worker overtime hours divided by number of production workers.[2]	Average, weighted by production-worker employment, of the average weekly overtime hours for component cells.
Gross average hourly earnings	Total production- or nonsupervisory-worker payroll divided by total production- or nonsupervisory-worker hours.[2]	Average, weighted by aggregate hours, of the average hourly earnings for component cells.
Gross average weekly earnings	Product of gross average weekly hours and average hourly earnings.	Product of gross average weekly hours and average hourly earnings.
	Annual average data	
All employees, women employees, and production or nonsupervisory workers	Sum of monthly estimates divided by 12.	Sum of monthly estimates divided by 12.
Gross average weekly hours	Annual total of aggregate hours (production- or nonsupervisory-worker employment multiplied by average weekly hours) divided by annual sum of employment.	Annual total of aggregate hours for production or nonsupervisory workers divided by annual sum of employment for these workers.
Average weekly overtime hours	Annual total of aggregate overtime hours (production-worker employment multiplied by average weekly overtime hours) divided by annual sum of employment.	Annual total of aggregate overtime hours for production workers divided by annual sum of employment for these workers
Gross average hourly earnings	Annual total of aggregate payrolls (product of production- or nonsupervisory-worker employment by weekly hours and hourly earnings) divided by annual aggregate hours.	Annual total by aggregate payrolls divided by annual aggregate hours.
Gross average weekly earnings	Product of gross average weekly hours and average hourly earnings.	Product of gross average weekly hours and average hourly earnings.

[1] The estimates result from multiplying the product shown by bias adjustment factors to compensate for the underrepresentation of newly formed enterprises in the sample and other bias sources.

[2] The sample production-worker ratio, women-worker ratio, average weekly hours, average overtime hours, and average hourly earnings are modified by a wedging technique designed to compensate for changes in the sample arising mainly from the voluntary character of the reporting. The wedging procedure accepts the advantage of continuity from the use of the matched sample, and at the same time, tapers or wedges the estimate toward the level of the latest sample average.

various nonagricultural industries, and appropriate adjustments are made as indicated. The industry estimates are currently projected from March 1981 levels. Normally, benchmark adjustments are made annually.

The primary sources of benchmark information are employment data, by industry, compiled quarterly by States agencies from reports of establishments covered under State unemployment insurance laws. These tabulations cover about 98 percent of employees on nonagricultural payrolls in the United States. Benchmark data for the residual are obtained from the records of the Social Security Administration, the Interstate Commerce Commission, and a number of other agencies in private industry or government.

The estimates for the benchmark month are compared with new benchmark levels, industry by industry. If revisions are necessary, the monthly series of estimates between benchmark periods are adjusted between the new benchmark and the preceding one, and the new benchmark for each industry is then carried forward progressively to the current month by use of the sample trends. Thus, under this procedure, the benchmark is used to establish the level of employment; the sample is used to measure the month-to-month changes in the level. A comparison of the actual amounts of revisions made at the time of the March 1981 benchmark adjustment is shown in table M.

Data for all months since the last benchmark to which the series has been adjusted are subject to revision. Revised data are published as soon as possible after each benchmark revision.

THE SAMPLE

Design

The sampling plan used in the current employment statistics program is know as "sampling proportionate to average size of establishment." This design is an optimum allocation design among strata since the sampling variance is proportional to the average size of establishments. Under this type of design, large establishments fall into the sample with certainty. The size of the sample for the various industries is determined empirically on the basis of experience and of cost considerations. In a manufacturing industry in which a high proportion of total employment is concentrated in relatively few establishments, a large percent of total employment is included in the sample. Consequently, the sample design for such industries provides for a complete census of the large establishments with only a few chosen from among the smaller establishments or none at all if the concentration of employment is great enough. On the other hand, in an industry in which a large proportion of total employment is in small establishments, the sample design calls for inclusion of all large establishments and also for a substantial number of the small ones. Many industries in the trade and services divisions fall into this category. To keep the sample to a size which can be handled by available resources, it is necessary to design samples for these industries with a smaller proportion of universe employment than is the case for most manufacturing industries. Since individual establishments in these nonmanufacturing divisions generally show less fluctuation from regular cyclical or seasonal patterns than do establishments in manufacturing industries, these smaller samples (in terms of employment) generally produce reliable estimates.

In the context of the BLS employment statistics program, with its emphasis on producing timely data at minimum cost, a sample must be obtained which will provide coverage of a sufficiently large segment of the universe to provide reasonably reliable estimates that can be published promptly and regularly. The present sample meets these specifications for most industries. With its use, the BLS is able to produce preliminary estimates each month for many industries and for many geographic levels within a few weeks after the reference period, and, at a somewhat later date, statistics in considerably greater industrial detail.

Coverage

The BLS sample of establishment employment and payrolls is the largest monthly sampling operation in the field of social statistics. Table N shows the approximate proportion of total employment in each industry division covered by the group of establishments furnishing monthly employment data. The coverage for individual industries within the division may vary from the proportions shown.

Reliability of the employment estimates

Although the relatively large size of the BLS establishment sample assures a high degree of accuracy, the estimates derived from it may differ from the figures that would be obtained if it were possible to take a complete census using the same schedules and procedures. As discussed under the previous section, a "link relative" technique is used to estimate employment. This requires the use of the previous month's estimate as the base in computing the current month's estimate. Thus, small sampling and response errors may cumulate over several months. To remove this accumulated error, the estimates are usually adjusted annually to new benchmarks. In addition to taking account of sampling and response errors, the benchmark revision

Table M. Comparison of nonagricultural employment benchmarks and estimates for March 1981

Industry division	Benchmark, March 1981	Estimate, March 1981	Percent difference
Total	90,371,000	90,720,000	-0.4
Mining	1,107,000	1,084,000	2.1
Construction	3,934,000	4,048,000	-2.9
Manufacturing	20,085,000	20,016,000	.4
Transportation and public utilities	5,102,000	5,095,000	.1
Wholesale and retail trade	20,096,000	20,290,000	-1.0
Finance, insurance, and real estate	5,239,000	5,263,000	-.5
Services	18,340,000	18,287,000	.3
Government	16,468,000	16,493,000	-.2

Table N. Approximate size and coverage of BLS employment and payrolls sample, March 1981[1]

Industry division	Number of establishments in sample	Employees	
		Number reported	Percent of total
Total	177,500	35,740,500	40
Mining	2,400	387,000	35
Construction	17,300	677,000	17
Manufacturing	45,000	10,951,000	55
Transportation and public utilities:			
Railroad transportation (ICC)	37	459,500	92
Other transportation and public utilities	6,100	2,717,000	53
Wholesale and retail trade	43,900	3,398,000	17
Finance, insurance, and real estate	12,200	1,950,000	37
Services	28,700	3,787,000	21
Government:			
Federal[2]	4,900	2,769,000	100
State and local	15,000	8,645,000	63

[1] Since a few establishments do not report payroll and hours information, hours and earnings estimates may be based on a slightly smaller sample than employment estimates.

[2] National estimates of Federal employment by agency are provided to BLS by the Office of Personnel Management. Detailed industry estimates for the Executive Branch, as well as State and area estimates of Federal employment, are based on a sample of 4,900 reports covering about 60 percent of employment in Federal establishments.

adjusts the estimates for changes in the industrial classification of individual establishments (resulting from changes in their product which are not reflected in the levels of estimates until the data are adjusted to new benchmarks). In fact, at the more detailed industry levels, particularly within manufacturing, changes in classification are the major cause of benchmark adjustments. Another cause of differences arises from improvements in the quality of the benchmark data. Table O presents the average percent revisions of the six most recent benchmarks (excluding the March 1973 adjustment) for major industry divisions. Detailed descriptions of individual benchmark revisions are available from the Bureau upon request.

The hours and earnings estimates for basic estimating cells are not subject to benchmark revisions, although the broader groupings may be affected slightly by changes in employment weights. The hours and earnings estimates, however, are subject to sampling errors which may be expressed as relative errors of the estimates. (A relative error is a standard error expressed as a percent of the estimate.) Relative errors for major industries are presented in table O and for individual industries with the specified number of employees in table P. The chances are about 2 out of 3 that the hours and earnings estimates from the sample would differ by a smaller percentage than the relative error from the averages that would have been obtained from a complete census.

One measure of the reliability of the employment estimates for individual industries is the root-mean-square error (RMSE). The measure is the standard deviation adjusted for the bias in estimates:

$$\text{RMSE} = \sqrt{(\text{Standard Deviation})^2 + (\text{Bias})^2}$$

If the bias is small, the chances are about 2 out of 3 that an estimate from the sample would differ from its benchmark by less than the root-mean-square error. The chances are about 19 out of 20 that the difference would be less than twice the root-mean-square error.

Table O. Average benchmark revision in employment estimates and relative errors for average weekly hours and average hourly earnings by industry division

(In percent)

Industry division	Average benchmark revision in estimates of employment[1]	Relative errors[2]	
		Average weekly hours	Average hourly earnings
Total nonagricultural employment	0.3	-	-
Total private	.3	0.1	0.2
Mining	1.3	.5	.5
Construction	2.2	.2	.3
Manufacturing	.4	.1	.1
Durable goods	.4	.1	.1
Nondurable goods	.5	.1	.1
Transportation and public utilities	.4	.7	.4
Trade	.5	.1	.2
Wholesale	.7	.2	.3
Retail	.6	.2	.2
Finance, insurance, and real estate	.5	.2	.4
Services	.7	.4	.8
Government[3]	.5	-	-

[1] The average percent revision in employment for the following benchmarks: 1971, 1974, 1978, 1979, 1980 and 1981.

[2] Relative errors relate to March 1971 data.

[3] Estimates for government are based on a total count for Federal Government and, prior to the March 1979 revision,samples for State and local government benchmarked to a quinquennial census of government conducted by the Bureau of the Census.

Approximations of the root-mean-square errors (based on the most recent benchmark revisions) of differences between final estimates and benchmarks are presented in table P.

Table P. Root-mean-square errors of differences between benchmarks and estimates of employment and average relative errors for average weekly hours and average hourly earnings

Size of employment estimate	Root-mean-square error of employment estimates[1]	Relative errors[2] (in percent)	
		Average weekly hours	Average hourly earnings
50,000	2,100	0.9	1.5
100,000	4,400	.7	1.1
200,000	7,100	.5	.9
500,000	15,200	.4	.8
1,000,000	17,100	.3	.5
2,000,000	28,500	.3	.5

[1] Assuming 12-month intervals between benchmark revisions.

[2] Relative errors relate to March 1971 data.

For the two most recent months, estimates of employment, hours, and earnings are preliminary and are so footnoted in the tables. These figures are based on less than the total sample and are revised when all the reports in the sample have been received. Table Q presents root-mean-square errors of the amounts of revisions that may be expected between the preliminary and final levels of employment and preliminary and final month-to-month changes. Revisions of preliminary hours and earnings estimates are normally not greater than 0.1 of an hour for weekly hours and 1 cent for hourly earnings.

STATISTICS FOR STATES AND AREAS

State and area employment, hours, and earnings data are collected and prepared by State agencies in cooperation with BLS.

Table Q. Errors of preliminary employment estimates

Category	Root-mean-square error of—	
	Monthly level	Month-to-month change
INDUSTRY DIVISIONS		
Total nonagricultural employment	84,000	72,000
Mining	5,000	5,000
Construction	18,000	16,000
Manufacturing	31,000	28,000
Durable two-digit industries	3,700	3,500
Nondurable two-digit industries	2,500	2,500
Transportation and public utilities	13,000	14,000
Wholesale and retail trade	30,000	27,000
Finance, insurance, and real estate	8,000	7,000
Services	31,000	25,000
Government	50,000	38,000
DETAILED INDUSTRIES SIZE OF EMPLOYMENT ESTIMATE		
50,000	300	400
100,000	700	700
200,000	1,100	1,100
500,000	3,900	4,100
1,000,000	3,600	3,900
2,000,000	6,000	6,100

NOTE: Division level data are based on differences from January 1976 through December 1981. Detailed industry data are based on differences from August 1978 through June 1979.

The area statistics relate to metropolitan areas. Definitions for all areas are published each year in the issue of *Employment and Earnings* that contains State and area annual averages (usually the May issue). Changes in definitions are noted as they occur. Additional industry detail may be obtained from the State agencies listed on the inside back cover of each issue. These statistics are based on the same establishment reports used by BLS for preparing national estimates. For employment, the sum of the State figures may differ slightly from the equivalent official U.S. totals on a national basis, because some States have more recent benchmarks than others and because of the effects of differing industrial and geographic stratification.

For the States and the areas shown in the B and C sections of this periodical, all the annual average data for the detailed industry statistics currently published by each cooperating State agency are presented in a summary volume published annually by the BLS.

PRODUCTIVITY DATA

Tables C-9, C-10, and C-11 are compiled by the Bureau of Labor Statistics from establishment data and from estimates of compensation and gross national product supplied by the U.S. Department of Commerce and the Federal Reserve Board.

Definitions

Hours of wage and salary workers in nonagricultural establishments refer to hours paid for all employees—production workers, nonsupervisory workers, and salaried workers.

Output is the constant-dollar market value of final goods and services produced in a given period. Indexes of *output per hour* of labor input, or labor productivity, measure changes in the volume of goods and services produced per unit of labor.

Compensation per hour includes wages and salaries of employees plus employers' contributions for social insurance and private benefit plans. The data also include an estimate of wages, salaries, and supplementary payments for the self-employed, except for nonfinancial corporations, in which there are no self-employed.

Real compensation per hour is compensation per hour adjusted to eliminate the effect of changes in the Consumer Price Index for All Urban Consumers (CPI-U).

Unit labor costs measure the labor compensation cost required to produce one unit of output and are derived by dviding compensation per hour by output per hour. *Unit nonlabor payments* include profits, depreciation, interest, and indirect taxes per unit of output. They are computed by subtracting compensation of all persons from the current-dollar gross national product and dividing by output. In these tables, unit nonlabor costs contain all the components of unit nonlabor payments except unit profits. *Unit profits* include corporate profits and inventory valuation adjustments per unit of output.

The *implicit price deflator* is derived by dividing the current-dollar estimate of gross product by the constant-dollar estimate, making the deflator, in effect, a price index for gross product of the sector reported.

Notes on the data

For the private business sector and the nonfarm business sector, these indexes relate to the gross domestic product less household and institutions, owner-occupied housing, and statistical discrepancy. For the nonfinancial corporate sector, the indexes refer to the gross domestic product of nonfinancial corporate business.

Manufacturing data have been revised to reflect the revisions in the Federal Reserve Board Index of Industrial Production. Output data are supplied by the Bureau of Economic Analysis, U.S. Department of Commerce, and the Federal Reserve Board. Quarterly measures have been adjusted by the Bureau of Labor Statistics to annual estimates of output (gross product originating) from the Bureau of Economic Analysis. Compensation and hours data are from the Bureau of Economic Analysis and the Bureau of Labor Statistics.

State and Area Unemployment Data
(D table)

FEDERAL-STATE COOPERATIVE PROGRAM

Labor force and unemployment estimates for States, labor market areas (LMA's), and other areas covered under Federal assistance programs are developed by State employment security agencies under a Federal-State cooperative program. The local unemployment estimates which are derived from standardized procedures developed by BLS are the basis of determining eligibility of an areas for benefits under Federal programs such as the Comprehensive Employment and Training Act, the Public Works Employment Act, and the Public Workers and Economic Development Act.

ESTIMATING METHODS

Labor force and unemployment in 10 large States: New York, California, Illinois, Ohio, New Jersey, Pennsylvania, Michigan, Texas, Massachusetts, and Florida; and two areas: Los Angeles-Long Beach metropolitan areas and New York City, are sufficiently reliable to be used directly from the CPS. For a description of the CPS concepts see "Household Data," above.

Monthly employment and unemployment estimates in the remaining 40 States and 214 labor market areas are prepared in several stages.

1. *Preliminary estimate—employment:* The total employment estimate is based primarily on data from the survey of establishments which produces an estimate of payroll employment. This place-of-work estimate must be adjusted to refer to place of residences as used in the CPS. Factors for adjusting from place of work to place of residence have been developed for the major categories of employment by class of worker and industry on the basis of employment relationships which existed at the time of the 1970 Decennial Census. These factors are applied to the payroll employment estimates for the current period to obtain adjusted employment estimates.

2. *Preliminary estimate—unemployment:* In the current month, the estimate of unemployment is an aggregate of the estimates for each of three building block categories: (1) Persons who were previously employed in industires covered by State unemployment insurance (UI) laws; (2) those previously employed in industires not covered by these laws; and (3) those who were entering the labor force for the first time or reentering after a period of separation. This is referred to below as the UI-based estimate.

An estimate for those previously employed in covered industries is derived from a count of current employment insurance claimants, plus estimates of claimants whose benefits have been exhausted, those persons disqualified from receiving benefits for nonmonetary reasons (because they quit, were discharged for cause, etc., but would otherwise have been eligible), and persons who either filed claims late or not at all.

The estimate of those previously employed in industries not covered by UI is derived by applying to the employment estimate for each noncovered industry or class of worker subgroup in the State, the ratio of covered unemployment to covered employment weighted by factors reflecting national historical relationships.

For the third category, new entrants and reentrants into the labor force, a composite estimate is developed from equations that relate the total entrants into the labor force to the experienced unemployed and

the experienced labor force. For each month, the estimate of entrants into the labor force is a function of: (a) the month of the year; (b) the level of experienced unemployed; (c) the level of the experienced labor force; and (d) proportion of the working age population that is considered "youth." The composite estimate of total entrants is defined as :

$U = A(X + E) + BX$, where
U = total entrant unemployment
E = total employment
X = total experienced unemployment
A,B = synthetic factors incoporating seasonal variation and an assumed relationship between the proportion of youths in the working population and the historical relationship of entrants to the experienced unemployed (B factor) or the experienced labor force (A factor).

3. *Correction factors for employment and unemployment* are then applied at the State level of the UI-based estimates obtained above for each of the 40 States and the District of Columbia. These correction factors are based on the ratio of the CPS to the UI-based estimates for the 6 month period ending in the current month (e.g. a 6-month moving average).

4. *Substate adjustment for additivity.* Independent estimates of employment and unemployment are prepared both for the State (obtained directly from the CPS in the 10 large States or by the UI-based method in the remaining States), and labor market areas (LMA's) withing the State. The total of the geographic areas in the LMA's exhausts the geographic boundries of the State. A proportional adjustment is applied to all substate LMA estimates to ensure that the substate estimates of employment and unemployment add to the independent State totals. In California and New York, which also have substate areas taken directly from the CPS, the additivity adjustment for the remaining areas is applied to the State total minus the direct CPS area.

5. *Benchmark correction procedures.* Once each year monthly estimates prepared by the State employment security agencies using UI-based estimating procedures are adjusted, or benchmarked, by BLS to the annual average CPS estimates for the 40 States for which monthly CPS estimates are not available. This adjustment is necessary because the State-prepared estimates are not as reliable as the CPS annual averages due to differences in State UI laws, the structual limitations of the UI-based estimating method, and errors in the UI data.

The benchmarked estimates are produced in three stages. First, the monthly UI-based estimates are adjusted by the ratio of the CPS to the UI-based annual averages, Second, the difference between the ratio of annual averages for two consecutive years is wedged into the monthly estimates in order to minimize the distrubance to the original series. Finally, the third-stage estimates are forced into agreement with CPS annual averages. In the 10 States which use CPS estimates monthly, no benchmark correction is required, as the average of the 12 monthly State CPS estimates will equal CPS annual averages.

Seasonal Adjustment

Over the course of a year, the size of the Nation's labor force, the levels of employment and unemployment, and other measures of labor market activity undergo sharp fluctuations due to such seasonal events as changes in weather, reduced or expanded production, harvests, major holidays, and the opening and closing of schools. Because these seasonal events follow a more or less regular pattern each year, their influence on statistical trends can be eliminated by adjusting these statistics from month to month. These adjustments make it easier to observe the cyclical and other nonseasonal movements in the series. In evaluating changes in a seasonally adjusted series, it is important to note that seasonal adjustment is merely an approximation based on past experience. Seasonally adjusted estimates have a broader margin of possible error than the original data on which they are based, since they are subject not only to sampling and other errors but are also affected by the uncertainties of the seasonal adjustment process itself. Seasonally adjusted series for selected labor force and establishment data are published regularly in *Employment and Earnings*.

The seasonal adjustment program used for these series are based on an *adaptation* of the standard ratio-to-moving average method. They provide for "moving" adjustment factors to take account of changing seasonal patterns. A detailed description of the method is given in the publication, *The X-11 Variant of the Census Method II Seasonal Adjustment Program*, Technical Paper No. 15, Bureau of the Census (1967).

Beginning in January 1980, the BLS introduced two major modifications in the seasonal adjustment methodology for data from the household survey. First, the data are being seasonally adjusted with a new procedure called X-11 ARIMA, which was developed at Statistics Canada as an extension of the existing standard X-11 method. A detailed description of the procedure appears in *The X-11 ARIMA Seasonal Adjustment Method*, by Estela Bee Dagum, Statistics Canada Catalouge No. 12-564-E, February 1980. The X-11 procedure was originally developed at the Bureau of the Census and had been used by the BLS to seasonally adjust labor force series since 1973. Tests have shown that use of the X-11 ARIMA procedure, which essentially place more emphasis on recent data, provides better seasonal adjustments than does the X-11 method alone.

The second change is that seasonal factors are now being calculated for use during the first 6 months of the year rather than for the entire year. In July of each year, the BLS will calculate and publish (in *Employment and Earnings)* a new set of seasonal factors for use in the second half, based on the experience through June. Revisions of historical data for the most recent 5 years will continued to be made once a year, at the beginning of each calendar year. However, as a result of the revisions to the estimates for 1970-81 based on 1980 census population counts, revisions to seasonally adjusted series in early 1982 were carried back to 1970.

All civilian labor force and unemployment rate statistics, as well as the major employment and unemployment estimates, are computed by aggregating independently adjusted series. For example, for each of the three major labor force components—agricultural employment, nonagricultural employment, and unemployment—data for four sex-age groups (males and females under and over 20 years of age) are separately adjusted for seasonal variation and are then added to derive seasonally adjusted total figures. In order to provide seasonally adjusted total employment and civilian labor force estimates, the appropriate series are aggregated. The official unemployment rate for all civilian workers is derived by dividing the estimate for total unemployment (the sum of 4 seasonally adjusted sex-age components) by the civilian labor force (the sum of 12 seasonally adjusted sex-age components).

Revised seasonally adjusted data for selected labor force series based on the experience through December 1981, new seasonal adjustment factors to be used to calculate the overall unemployment rate for the first 6 months of 1982, and a description of the current seasonal adjustment methodology are published in the February 1982 issue of *Employment and Earnings*. Revised seasonally adjusted data covering the 1970-81 revision period for a broader range of labor force series also appear in the February 1982 issue of this publication. Many additional series, which are either components or aggregates of the series presented, are available from the BLS upon request.

Beginning in July 1980, the BLS also uses the X-11 ARIMA methodology in seasonally adjusting the establishment data, which previously had been computed using the *BLS Seasonal Factor Method*. All series are seasonally adjusted using the multiplicative models under X-11 ARIMA. Seasonal adjustment factors used in calculating the current estimates are based on data through March of 1982. The ARIMA model options for projecting the data series for 1 year ahead have been used in seasonally adjusting the establishment series, introduced with June 1981 data.

Seasonal adjustment factors are directly applied to the component levels. Seasonally adjusted totals for most of these series are then obtained by taking a weighted average of the seasonally adjusted data for the component series. Seasonally adjusted average weekly earnings are the product of seasonally adjusted average hourly earnings and seasonally adjusted average weekly hours. Average weekly earnings in constant dollars, seasonally adjusted, are obtained by dividing average weekly earnings, seasonally adjusted, by the seasonally adjusted Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W), and multiplying by 100. Indexes of aggregate weekly hours, seasonally adjusted, are obtained by multiplying average weekly hours, seasonally adjusted, by production or nonsupervisory workers, seasonally adjusted, and dividing by the 1977 base. For total private, total goods-producing, total private service-producing, trade, manufacturing, and durable and nondurable goods industries, the indexes of aggregate weekly hours, seasonally adjusted, are obtained by summing the aggregate weekly hours, seasonally adjusted, for the appropriate component industries and dividing by the 1977 base.

Seasonally adjusted data are not published for a number of series characterized by small seasonal components relative to their trend-cycle and/or irregular components. Beginning with data for July 1981, these failed or unsatisfactory seasonally adjusted series are used in the aggregation to broader level seasonally adjusted series. In prior months, the unadjusted series were used in the aggregation process.

The seasonally adjusted establishment data for Federal Government are based on a series which excludes the Christmas temporary help employed by the Postal Service in December. The employment of these workers constitutes the only significant seasonal change in Federal Government employment during the winter months. Furthermore, the volume of such employment may change substantially from year to year because of administrative decisions by the Postal Service. Hence, it was considered desirable to exclude this group from the data upon which the seasonally adjusted series is based.

The revised seasonally adjusted series for the establishment data reflect experience through March 1982. Seasonal factors to be used for current adjustment appear in the June 1982 issue of *Employment and Earnings*.

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Calendar of Features

In addition to the monthly data appearing regularly in *Employment and Earnings* special features appear in most of the issues as shown below.

Household data

Annual averages	Jan.
Revised seasonally adjusted series	Feb.
Quarterly averages: Seasonally adjusted data, persons not in labor force, persons of Hispanic origin, Vietnam-era veterans and nonveterans, poverty-nonpoverty area data, family relationship data, weekly earnings data	Jan., Apr., July, Oct.

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Women employment detail (final)	Mar.
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Revised seasonally adjusted series	June[2]
State and area annual averages	May
Area definitions	May

State and area unemployment data

Annual averages	June

[1] The issue that introduces new benchmarks varies. The June 1982 issue introduced March 1981 benchmarks.

[2] Month of publication of annual supplement varies. The latest supplement was published in June 1982.

[3] Issue varies. Latest revised data introduced June 1982.

Employment and Earnings

Vol. 29 No. 7 July 1982

Editors: Gloria P. Green, Gloria P. Goings, Rosalie K. Epstein

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Employment and Unemployment Developments, June 1982

The Nation's unemployment rate held steady in June, and employment declined after seasonal adjustment. The jobless rate was 9.5 percent in June, the same as in May and little different from April's 9.4 percent rate.

Total employment—as derived from the monthly survey of households—declined by 350,000 over the month to 99.8 million; this followed an increase of 780,000 in May. Nonfarm payroll employment—as derived from the monthly survey of establishments—fell by 140,000 in June to 90.0 million. Since last July's pre-recession peak, employment in the household and establishment series have declined by 1.1 and 1.4 million, respectively.

Unemployment

Unemployment always rises markedly in June with the summer entrance of school-age youth into the labor market. This June, the jobless total increased by over 900,000 persons, which was about in line with seasonal expectations. After adjustment for seasonality, the number of unemployed workers was 10.4 million in June, approximating the May level. Despite this stability in total unemployment, the number of job losers—persons on layoff and those permanently separated from their jobs—rose in June; job losers accounted for three-fifths of the June unemployed total. (See tables A-33 and A-39.)

The Nation's unemployment rate of 9.5 percent in June was about unchanged from the rates of the prior 2 months but was substantially above the levels which prevailed a year ago. Although the overall jobless rate was unchanged, there were contrasting movements among some worker groups. The rate for adult men rose 0.3 percentage point to a new high of 8.7 percent, while the rates for adult women (8.1 percent) and teenagers (22.3 percent) edged down over the month. The increase among adult men was also reflected in higher unemployment rates for married men, full-time workers, and workers in manufacturing industries. Rates for white, black, and Hispanic workers were little different from those of the prior month; however, the rate for black teenagers was at a high of 52.6 percent. (See tables A-33, A-35, and A-36.)

Long-term unemployment (joblessness of 15 weeks or more) increased substantially in June. The average (mean) duration of unemployment rose almost 2 full weeks to 16.5 weeks, and the median duration increased by nearly a week. (See table A-37.)

The number of persons involuntarily working less than full time on nonfarm jobs declined by 320,000 in June to 5.4 million; the size of this group had been increasing sharply since the recession began last summer. (See table A-42.)

The labor force and total employment

Typically, the civilian labor force swells in June with the summertime entrance of students. This June, the increase of nearly 1.7 million was somewhat less than seasonally expected, and, after seasonal adjustment, the labor force decreased by 475,000. This followed an increase of 1.0 million persons in the previous month, as some of the summer job market expansion took place earlier than usual, and the May increase and the June decrease may have been overstated. (See table A-33.)

Over the past year, the labor force has risen by 1.7 million. Adult women accounted for 1.3 million of this increase, and the number of adult men rose by nearly 900,000. In part because of declines in their population and labor force participation, the teenage labor force was down by 500,000 over the year.

Employment fell by 350,000 in June to 99.8 million, seasonally adjusted. This decline partially offset the unusually large job gain which had occurred in the previous month. The proportion of the population that is employed was 57.2 percent in June, about the same as in April.

Discouraged workers

The number of discouraged workers rose by 160,000 in the second quarter to a high of 1.5 million, continuing an upward trend that began prior to the 1980 recession. Discouraged workers are persons who report that they want work but are not looking for jobs because they believe they cannot find any. As has been typically the case, women and blacks accounted for disproportionately large shares of the discouraged total. (See table A-53.)

Industry payroll employment

Total nonagricultural payroll employment rose less than seasonally in June and, after adjustment for seasonality, declined by 140,000 to 90.0 million. The

number of nonfarm jobs had been unchanged in May but otherwise has dropped steadily since last July. June employment declines were widespread, as employment gains occurred in only one-third of the 186 industries comprising the BLS diffusion index of private nonagricultural payroll employment. (See tables B-4 and B-7.)

The largest over-the-month decline occurred in manufacturing, where employment fell by 140,000. In the durable goods sector, almost half of the 80,000 decrease was in machinery. Job losses in that industry have totaled 200,000 since last September. Employment in fabricated metal products and primary metal industries also continued to decline. Among the nondurable goods industries, the largest job cutback took place in textiles, continuing its long-term downtrend; there was also a sizeable over-the-month decline in food processing. Elsewhere in the goods-producing sector, construction employment fell by 40,000, in part the result of a strike; mining was down by 25,000, the result of further reductions in oil and gas extraction.

In the service-producing sector, State and local government employment rose by 85,000, seasonally adjusted, as an early survey reference week served to limit the extent of summer reductions in local education employment. Transportation and public utilities fell by 25,000, centered in the airline industry. Employment in trade; services; and finance, insurance, and real estate were all about unchanged in June; trade had risen sharply in May, while services and finance have shown little growth in recent months.

Hours of work

The average workweek of production or nonsupervisory workers on private nonagricultural payrolls edged down 0.1 hour in June to 34.8 hours, seasonally adjusted. The manufacturing workweek was unchanged at 39.1 hours, while factory overtime edged up to 2.4 hours. (See table C-6.) The index of aggregate weekly hours of production or nonsupervisory workers on private nonfarm payrolls declined by 0.6 percent to 105.0 (1977 = 100). The manufacturing index fell by 0.4 percent to 88.8 and was about 11 percent below last July's index. (See table C-7.)

Hourly and weekly earnings

Although average hourly earnings edged up by 0.1 percent in June, the small decline in the workweek caused weekly earnings to fall 0.2 percent, seasonally adjusted. Before adjustment for seasonality, average hourly earnings were down one cent over the month to $7.62, 42 cents above a year earlier. Weekly earnings were up up $1.18 in June and $11.82 over the past year. (See tables C-1 and C-8.)

The Hourly Earnings Index

The Hourly Earnings Index (HEI) was 147.9 (1977 = 100) in June, seasonally adjusted, 0.2 percent higher than in May. For the 12 months ended in June, the increase (before seasonal adjustment) was 6.9 percent. The HEI excludes the effects of two types of changes unrelated to underlying wage rate movements—fluctuations in overtime in manufacturing and interindustry employment shifts. In dollars of constant purchasing power, the HEI increased 0.8 percent during the 12-month period ended in May. (See table C-8.)

New Seasonal Adjustment Factors for Household Data Series

*Robert J. McIntire

In 1980, the Bureau of Labor Statistics initiated the practice of extrapolating and publishing the seasonal adjustment factors for the major labor force series on a semiannual basis, instead of annually. These factors are used in the computation of the seasonally adjusted overall unemployment rate and the underlying measures of employment, unemployment, and the civilian labor force. Table 1 accompanying this article presents the seasonal factors to be used during the last 6 months of 1982 for the 12 major labor force components. The factors used during the first 6 months of 1982 were published in the February 1982 issue in the article entitled "Revision of Seasonally Adjusted Labor Force Series." That same article also included a discussion of the adjustment method and the procedures for aggregation.

The new seasonal factors have been extrapolated by applying the X-11 ARIMA program to data through June 1982 for each series. The ARIMA models used were the same as those used at the beginning of the year for the extrapolation of the factors for January through June. The historical seasonally adjusted data, including the first 6 months of 1982, will not be revised until the beginning of 1983.

Data for any of the several hundred seasonally adjusted labor force series, plus the July-December 1982 factors for any of the 210 other independently adjusted series (in addition to the 12 components displayed here), may be obtained from the BLS upon request. Inquiries should be addressed to the Division of Employment and Unemployment Analysis, Bureau of Labor Statistics, Washington, D.C. 20212. Other inquiries concerning seasonal adjustment methodology or the availability of machine-readable files of labor force data should be addressed to the Data Services Group, Bureau of Labor Statistics, Washington, D.C. 20212.

*Robert J. McIntire is an economist and Chief of the Data Services Group in the Office of Current Employment Analysis, Bureau of Labor Statistics.

Table 1. Current seasonal adjustment factors for the 12 major labor force components, July-December 1982

Procedure and series	July	August	September	October	November	December
Multiplicative Adjustment (Divide factor into original value)						
Agricultural employment						
Males, 20 years and over	1.068	1.072	1.054	1.053	1.006	0.948
Females, 20 years and over	1.248	1.169	1.134	1.116	.971	.816
Males, 16-19 years	1.596	1.461	1.108	1.000	.775	.665
Females, 16-19 years	1.851	1.706	1.069	.951	.719	.567
Nonagricultural employment						
Males, 20 years and over	1.009	1.009	1.005	1.006	1.002	.999
Females, 20 years and over	.978	.981	1.001	1.012	1.015	1.013
Unemployment						
Males, 20 years and over	.971	.949	.885	.846	.933	.979
Females, 20 years and over	1.023	1.053	1.045	1.025	.984	.940
Additive Adjustment (Subtract factor from original value)						
Nonagricultural employment						
Males, 16-19 years	917	646	-226	-142	-189	-182
Females, 16-19 years	699	516	-79	-93	-47	30
Unemployment						
Males, 16-19 years	159	-48	-101	-96	-12	-33
Females, 16-19 years	149	-22	13	-10	-39	-154

HOUSEHOLD DATA
HISTORICAL

A-1. Employment status of the noninstitutional population 16 years and over, 1947 to date

(Numbers in thousands)

Year and month	Total noninstitutional population	Total labor force		Civilian labor force						Not in labor force
					Employed			Unemployed		
		Number	Percent of population	Total	Total	Agriculture	Nonagricultural industries	Number	Percent of labor force	
	Annual averages									
1947	103,418	60,941	58.9	59,350	57,038	7,890	49,148	2,311	3.9	42,477
1948	104,527	62,080	59.4	60,621	58,343	7,629	50,714	2,276	3.8	42,447
1949	105,611	62,903	59.6	61,286	57,651	7,658	49,993	3,637	5.9	42,709
1950	106,645	63,858	59.9	62,208	58,918	7,160	51,758	3,288	5.3	42,787
1951	107,721	65,117	60.4	62,017	59,961	6,726	53,235	2,055	3.3	42,604
1952	108,823	65,730	60.4	62,138	60,250	6,533	53,749	1,883	3.0	43,093
1953[1]	110,601	66,560	60.2	63,015	61,179	6,260	54,919	1,834	2.9	44,041
1954	111,671	66,993	60.0	63,643	60,109	6,205	53,904	3,532	5.5	44,678
1955	112,732	68,072	60.4	65,023	62,170	6,450	55,722	2,852	4.4	44,660
1956	113,811	69,409	61.0	66,552	63,799	6,283	57,514	2,750	4.1	44,402
1957	115,065	69,729	60.6	66,929	64,071	5,947	58,123	2,859	4.3	45,336
1958	116,363	70,275	60.4	67,639	63,036	5,585	57,450	4,602	6.8	46,088
1959	117,881	70,921	60.2	68,369	64,630	5,565	59,065	3,740	5.5	46,960
1960[1]	119,759	72,142	60.2	69,628	65,778	5,458	60,318	3,852	5.5	47,617
1961	121,343	73,031	60.2	70,459	65,746	5,200	60,546	4,714	6.7	48,312
1962	122,981	73,442	59.7	71,614	66,702	4,944	61,759	3,911	5.5	49,539
1963	125,154	74,571	59.6	71,833	67,762	4,687	63,076	4,070	5.7	50,583
1964	127,224	75,830	59.6	73,091	69,305	4,523	64,782	3,786	5.2	51,394
1965	129,236	77,178	59.7	74,455	71,088	4,361	66,726	3,366	4.5	52,058
1966	131,180	78,893	60.1	75,770	72,895	3,979	68,915	2,875	3.8	52,288
1967	133,319	80,793	60.6	77,347	74,372	3,844	70,527	2,975	3.8	52,527
1968	135,562	82,272	60.7	78,737	75,920	3,817	72,103	2,817	3.6	53,291
1969	137,841	84,240	61.1	80,734	77,902	3,606	74,296	2,832	3.5	53,602
1970	140,272	85,959	61.3	82,771	78,678	3,463	75,215	4,093	4.9	54,315
1971	143,033	87,198	61.0	84,382	79,367	3,394	75,972	5,016	5.9	55,834
1972[1]	146,574	89,484	61.1	87,034	82,153	3,484	78,669	4,882	5.6	57,091
1973[1]	149,423	91,756	61.4	89,429	85,064	3,470	81,594	4,365	4.9	57,667
1974	152,349	94,179	61.8	91,949	86,794	3,515	83,279	5,156	5.6	58,171
1975	155,333	95,955	61.8	93,775	85,846	3,408	82,438	7,929	8.5	59,377
1976	158,294	98,302	62.1	96,158	88,752	3,331	85,421	7,406	7.7	59,991
1977	161,166	101,142	62.8	99,009	92,017	3,283	88,734	6,991	7.1	60,025
1978[1]	164,027	104,368	63.6	102,251	96,048	3,387	92,661	6,202	6.1	59,659
1979	166,951	107,050	64.1	104,962	98,824	3,347	95,477	6,137	5.8	59,900
1980	169,848	109,042	64.2	106,940	99,303	3,364	95,938	7,637	7.1	60,806
1981	172,272	110,812	64.3	108,670	100,397	3,368	97,030	8,273	7.6	61,460
1981:	Monthly data, seasonally adjusted[2]									
January	172,172	110,565	64.2	108,434	100,430	3,348	97,082	8,004	7.4	61,638
July	172,385	110,827	64.3	108,688	100,864	3,342	97,522	7,824	7.2	61,558
August	172,559	110,978	64.3	108,818	100,840	3,404	97,436	7,978	7.3	61,581
September	172,758	110,659	64.1	108,494	100,258	3,358	96,900	8,236	7.6	62,099
October	172,966	111,170	64.3	109,312	100,343	3,378	96,965	8,669	8.0	61,797
November	173,155	111,430	64.4	109,272	100,172	3,372	96,800	9,100	8.3	61,724
December	173,330	111,348	64.2	109,184	99,613	3,209	96,404	9,571	8.8	61,982
1982:										
January	173,495	111,038	64.0	108,879	99,581	3,411	96,170	9,298	8.5	62,456
February	173,657	111,333	64.1	109,165	99,590	3,373	96,217	9,575	8.8	62,324
March	173,883	111,521	64.2	109,346	99,492	3,349	96,144	9,854	9.0	62,321
April	174,020	111,824	64.3	109,648	99,340	3,309	96,032	10,307	9.4	62,197
May	174,201	112,841	64.8	110,666	100,117	3,488	96,629	10,549	9.5	61,360
June	174,364	112,364	64.4	110,191	99,764	3,357	96,406	10,427	9.5	61,999

[1] Not strictly comparable with prior years. For an explanation, see "Historic Comparability" under Household Data section of Explanatory Notes.

[2] Because seasonality, by definition, does not exist in population figures, data for "total noninstitutional population" are not seasonally adjusted.

A-2. Employment status of the noninstitutional population 16 years and over by sex, 1972 to date

(Numbers in thousands)

Sex, year, and month	Total noninstitutional population	Total labor force		Civilian labor force						Not in labor force
					Employed			Unemployed		
		Number	Percent of population	Total	Total	Agriculture	Nonagricultural industries	Number	Percent of labor force	
MALES										
				Annual averages						
1972[1]	70,241	55,961	79.7	53,555	50,896	2,843	48,047	2,659	5.0	14,283
1973[1]	71,567	56,900	79.5	54,624	52,349	2,847	49,502	2,275	4.2	14,667
1974	72,971	57,902	79.3	55,739	53,024	2,919	50,105	2,714	4.9	15,069
1975	74,383	58,390	78.5	56,299	51,857	2,824	49,032	4,442	7.9	15,993
1976	75,798	59,212	78.1	57,174	53,138	2,784	53,394	4,036	7.1	16,585
1977	77,211	60,414	78.2	58,396	54,728	2,671	52,057	3,667	6.3	16,797
1978[1]	78,569	61,613	78.4	59,620	56,479	2,719	53,761	3,142	5.3	16,955
1979	79,968	62,676	78.4	53,726	57,607	2,686	54,921	3,120	5.1	17,293
1980	81,341	63,396	77.9	61,453	57,186	2,709	54,477	4,267	6.9	17,945
1981	82,476	63,939	77.5	61,974	57,397	2,793	54,697	4,577	7.4	18,537
				Monthly data, seasonally adjusted[2]						
1981:										
June	82,428	63,647	77.2	61,694	57,279	2,736	54,575	4,415	7.2	18,781
July	82,529	63,771	77.3	61,811	57,640	2,696	54,944	4,171	6.7	18,759
August	82,613	63,916	77.3	61,936	57,551	2,738	54,813	4,385	7.1	18,697
September	82,707	63,960	77.3	61,977	57,471	2,687	54,784	4,506	7.3	18,747
October	82,807	64,040	77.3	62,064	57,266	2,715	54,551	4,798	7.7	18,767
November	82,895	64,158	77.4	62,184	57,051	2,668	54,383	5,133	8.3	18,737
December	82,978	64,283	77.5	62,303	56,725	2,593	54,135	5,578	9.0	18,696
1982:										
January	83,058	63,941	77.0	61,986	56,629	2,698	53,931	5,338	8.6	19,111
February	83,129	64,025	77.0	62,042	56,658	2,693	53,965	5,384	8.7	19,104
March	83,218	64,069	77.0	62,082	56,472	2,667	53,805	5,610	9.0	19,149
April	83,303	64,234	77.1	62,247	56,431	2,661	53,739	5,846	9.4	19,068
May	83,389	64,835	77.8	62,849	56,820	2,797	54,023	6,029	9.6	18,553
June	83,464	64,270	77.0	62,287	56,223	2,724	53,498	6,065	9.7	19,193
FEMALES										
				Annual averages						
1972[1]	76,333	33,522	41.9	33,479	31,257	635	30,622	2,222	6.6	42,811
1973[1]	77,855	34,855	44.8	34,804	32,715	622	32,093	2,089	6.0	43,000
1974	79,379	36,278	45.7	36,211	33,769	596	33,173	2,441	6.7	43,186
1975	80,949	37,565	46.4	37,475	33,989	584	33,404	3,486	9.3	43,436
1976	82,496	39,089	47.4	38,983	35,615	588	35,027	3,369	8.6	43,436
1977	83,955	40,728	48.5	40,613	37,289	612	36,677	3,324	8.2	43,227
1978[1]	85,459	42,755	50.0	42,681	39,569	669	38,900	3,061	7.2	42,703
1979	86,983	44,375	51.0	44,235	41,217	661	40,556	3,018	6.8	42,608
1980	88,507	45,646	51.6	45,487	42,117	656	41,461	3,370	7.4	42,861
1981	89,736	46,873	52.2	46,696	43,000	667	42,333	3,696	7.9	42,922
				Monthly data, seasonally adjusted[2]						
981:										
June	89,744	46,918	52.3	46,740	43,151	649	42,507	3,589	7.7	42,827
July	89,856	47,056	52.4	46,877	43,224	646	42,579	3,653	7.8	42,833
August	89,946	47,062	52.3	46,862	43,289	668	42,623	3,593	7.7	42,884
September	90,051	46,699	51.9	46,517	42,787	671	42,116	3,730	8.0	43,352
October	90,159	47,129	52.3	46,948	43,077	663	42,414	3,871	8.2	43,033
November	90,259	47,272	52.4	47,088	43,121	704	42,417	3,967	8.4	42,987
December	90,352	47,066	52.1	46,881	42,888	619	42,269	3,993	8.5	43,286
1982:										
January	90,441	47,097	52.1	46,913	42,952	713	42,239	3,960	8.4	43,343
February	90,528	47,308	52.3	47,143	42,952	693	42,259	4,191	8.9	43,223
March	90,625	47,452	52.4	47,284	43,320	682	42,639	4,243	9.0	43,173
April	90,718	47,589	52.5	47,401	42,943	647	42,292	4,461	9.4	43,128
May	90,813	48,005	52.9	47,817	43,297	691	42,606	4,520	9.5	42,807
June	90,900	46,994	52.9	47,904	43,541	533	42,939	4,362	9.1	42,836

[1] Not strictly comparable with prior years. For an explanation, see "Historic Comparability" under Household Data section of Explanatory Notes.

[2] Because seasonality, by definition, does not exist in population figures, data for "total noninstitutional population" are not seasonally adjusted.

HOUSEHOLD DATA

A-3. Employment status of the noninstitutional population by sex, age, and race

[Numbers in thousands]

Sex, age, and race	June 1982										
	Total labor force		Civilian labor force				Not in labor force				
					Unemployed						
	Number	Percent of population	Total	Employed	Number	Percent of labor force	Total	Keeping house	Going to school	Unable to work	Other reasons
MALES											
16 years and over	65,557	78.5	63,573	57,362	6,211	9.8	17,907	447	2,550	1,429	13,48
16 to 21 years	9,199	73.6	8,579	6,659	1,921	22.4	3,308	40	1,958	34	1,27
16 to 19 years	5,424	66.6	5,179	3,873	1,306	25.2	2,717	31	1,658	17	1,01
16 to 17 years	2,187	55.7	2,177	1,578	599	27.5	1,742	15	1,098	5	62
18 to 19 years	3,238	76.9	3,002	2,296	706	23.5	975	17	560	11	38
20 to 64 years	58,235	89.6	56,497	51,634	4,863	8.6	6,731	212	891	995	4,63
20 to 24 years	9,674	88.7	8,909	7,515	1,389	15.6	1,234	25	581	50	57
25 to 54 years	41,368	94.4	40,401	37,324	3,077	7.6	2,476	104	305	504	1,56
25 to 29 years	9,644	94.5	9,256	8,162	1,094	11.8	560	27	178	47	30
30 to 34 years	8,851	96.0	8,588	7,873	715	8.3	367	11	69	68	21
35 to 39 years	7,284	95.9	7,092	6,615	476	6.7	311	22	28	68	19
40 to 44 years	5,761	94.9	5,673	5,348	325	5.7	337	14	20	88	18
45 to 49 years	4,980	93.1	4,952	4,707	244	4.9	370	17	12	102	24
50 to 54 years	4,849	89.5	4,842	4,619	223	4.6	561	14	3	131	41
55 to 64 years	7,193	70.4	7,192	6,795	397	5.5	3,322	82	5	441	2,49
55 to 59 years	4,439	82.3	4,438	4,178	260	5.9	953	40	4	207	70
60 to 64 years	2,754	57.1	2,754	2,617	137	5.0	2,368	42	1	234	1,79
65 years and over	1,897	18.3	1,897	1,855	42	2.2	8,460	204	--	417	7,83
65 to 69 years	1,093	27.9	1,093	1,067	27	2.5	2,923	49	--	142	2,63
70 years and over	804	12.5	804	789	15	1.9	5,637	155	--	276	5,20
White											
16 years and over	57,688	79.3	56,164	51,341	4,823	8.6	15,346	348	1,873	1,131	11,69
16 to 21 years	7,955	76.4	7,478	6,050	1,428	19.1	2,459	27	1,451	23	95
16 to 19 years	4,745	70.2	4,550	3,568	982	21.6	2,016	22	1,218	10	76
16 to 17 years	1,960	60.1	1,951	1,481	470	24.1	1,299	7	808	4	48
18 to 19 years	2,785	79.5	2,599	2,087	512	19.7	717	15	410	6	28
20 to 64 years	51,200	90.4	49,871	46,063	3,808	7.6	5,424	159	655	772	3,83
20 to 24 years	8,264	90.0	7,694	6,660	1,034	13.4	920	22	448	38	41
25 to 54 years	36,399	95.2	35,641	33,224	2,418	6.8	1,852	71	206	377	1,19
25 to 34 years	16,138	96.1	15,648	14,242	1,402	9.0	667	22	166	81	37
35 to 44 years	11,495	96.0	11,263	10,643	620	5.5	473	26	33	116	30
45 to 54 years	8,766	92.3	8,734	8,339	395	4.5	731	24	10	180	51
55 to 64 years	6,537	71.1	6,535	6,179	357	5.5	2,652	66	2	356	2,22
55 to 59 years	4,018	83.1	4,017	3,792	224	5.6	817	35	2	164	61
60 to 64 years	2,520	57.9	2,519	2,387	132	5.3	1,835	31	--	192	1,61
65 years and over	1,743	18.6	1,743	1,710	33	1.9	7,605	168	--	349	7,08
Black and other											
16 years and over	7,869	73.3	7,409	6,021	1,388	18.7	2,862	99	676	298	1,78
16 to 21 years	1,244	59.4	1,101	608	493	44.8	850	13	506	10	32
16 to 19 years	679	49.2	629	305	324	51.5	700	10	440	7	24
16 to 17 years	227	33.6	226	96	129	57.3	443	8	291	1	14
18 to 19 years	453	63.7	403	209	194	48.2	258	2	149	6	10
20 to 64 years	7,038	84.3	6,625	5,570	1,056	15.9	1,307	52	236	223	79
20 to 24 years	1,410	81.8	1,210	855	355	29.4	313	3	134	12	16
25 to 54 years	4,969	88.8	4,760	4,100	661	13.9	624	33	100	126	36
25 to 34 years	2,356	89.4	2,199	1,792	407	18.5	279	16	81	34	14
35 to 44 years	1,549	91.5	1,502	1,320	181	12.1	185	10	14	40	8
45 to 54 years	1,064	84.1	1,059	987	72	6.8	231	7	5	53	13
55 to 64 years	656	64.0	656	616	40	6.1	369	16	3	85	25
55 to 59 years	421	75.5	421	386	35	8.4	136	5	2	43	8
60 to 64 years	235	50.1	235	230	5	2.2	233	11	1	42	17
65 years and over	155	15.3	155	146	9	5.7	854	37	--	68	75

A-3. Employment status of the noninstitutional population by sex, age, and race—Continued

[Numbers in thousands]

Sex, age, and race	June 1982										
	Total labor force		Civilian labor force				Not in labor force				
	Number	Percent of population	Total	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
					Number	Percent of labor force					
FEMALES											
16 years and over	48,185	53.9	47,995	43,320	4,675	9.7	42,714	32,200	2,514	1,009	6,991
16 to 21 years	7,660	62.7	7,593	5,965	1,628	21.4	4,554	1,430	1,934	10	1,180
16 to 19 years	4,616	58.3	4,591	3,481	1,110	24.2	3,308	708	1,620	7	973
16 to 17 years	1,798	47.2	1,798	1,296	502	27.9	2,012	277	1,116	2	618
18 to 19 years	2,818	68.5	2,793	2,185	608	21.8	1,295	431	504	5	355
20 to 64 years	42,379	62.3	42,214	38,681	3,533	8.4	25,595	21,479	887	449	2,781
20 to 24 years	7,807	72.3	7,715	6,610	1,105	14.3	2,998	2,050	503	20	425
25 to 54 years	29,746	65.4	29,674	27,504	2,170	7.3	15,729	13,806	368	214	1,341
25 to 29 years	7,003	67.8	6,955	6,250	706	10.1	3,330	2,837	145	28	321
30 to 34 years	6,174	65.5	6,157	5,637	519	8.4	3,248	2,905	89	25	229
35 to 39 years	5,189	66.2	5,184	4,864	320	6.2	2,654	2,354	63	31	206
40 to 44 years	4,302	67.9	4,303	4,026	274	6.4	2,036	1,779	37	26	194
45 to 49 years	3,719	65.5	3,718	3,531	187	5.0	1,950	1,744	17	42	147
50 to 54 years	3,360	57.2	3,359	3,197	163	4.8	2,511	2,187	16	62	245
55 to 64 years	4,826	41.3	4,826	4,567	259	5.4	6,868	5,622	16	216	1,015
55 to 59 years	3,005	49.5	3,005	2,835	169	5.6	3,055	2,518	10	87	340
60 to 64 years	1,821	32.3	1,821	1,732	89	4.9	3,813	3,004	5	128	675
65 years and over	1,190	7.9	1,190	1,158	32	2.7	13,812	10,313	7	553	3,238
65 to 69 years	742	15.1	742	723	19	2.6	4,158	3,200	4	97	858
70 years and over	448	4.1	448	435	13	2.8	9,653	6,814	3	456	2,380
White											
16 years and over	41,338	52.8	41,203	37,727	3,476	8.4	37,016	28,199	1,828	786	6,003
16 to 21 years	6,692	66.0	6,646	5,454	1,192	17.9	3,441	1,102	1,399	6	935
16 to 19 years	4,088	62.3	4,073	3,237	833	20.5	2,469	519	1,154	4	792
16 to 17 years	1,621	51.7	1,621	1,226	395	24.3	1,516	196	802	1	518
18 to 19 years	2,467	72.1	2,449	2,011	438	17.9	952	323	352	3	274
20 to 64 years	36,189	62.2	36,072	33,456	2,616	7.3	22,036	18,717	667	344	2,308
20 to 24 years	6,683	74.0	6,619	5,837	782	11.8	2,384	1,840	386	15	303
25 to 54 years	25,216	65.0	25,163	23,565	1,598	6.4	13,581	12,032	268	167	1,116
25 to 34 years	11,084	66.6	11,037	10,169	868	7.9	5,561	4,911	167	45	437
35 to 44 years	8,022	66.1	8,017	7,566	452	5.6	4,113	3,655	74	47	337
45 to 54 years	6,109	61.0	6,108	5,831	278	4.5	3,909	3,466	27	74	341
55 to 64 years	4,290	41.2	4,293	4,053	237	5.5	6,111	5,045	14	163	890
55 to 59 years	2,685	50.1	2,685	2,532	153	5.7	2,679	2,312	8	66	291
60 to 64 years	1,605	31.9	1,605	1,521	84	5.2	3,432	2,733	5	97	598
65 years and over	1,061	7.8	1,061	1,034	27	2.5	12,511	9,163	7	438	2,933
Black and other											
16 years and over	6,848	54.6	6,792	5,594	1,199	17.6	5,698	3,801	687	223	983
16 to 21 years	968	46.5	947	511	436	46.1	1,113	328	535	4	245
16 to 19 years	529	38.7	521	244	277	53.1	839	189	466	3	181
16 to 17 years	178	26.3	177	70	107	60.4	496	81	314	1	100
18 to 19 years	351	50.6	344	174	170	49.3	343	108	153	2	81
20 to 64 years	6,191	63.5	6,143	5,226	917	14.9	3,558	2,760	220	105	473
20 to 24 years	1,124	63.2	1,096	773	323	29.5	654	410	117	5	123
25 to 54 years	4,532	67.9	4,512	3,939	573	12.7	2,147	1,774	100	47	226
25 to 34 years	2,094	67.3	2,075	1,718	357	17.2	1,018	831	67	7	113
35 to 44 years	1,468	71.8	1,467	1,324	143	9.8	577	478	26	10	62
45 to 54 years	970	63.7	970	897	73	7.5	552	465	7	29	50
55 to 64 years	535	41.4	535	514	21	4.0	757	577	3	53	125
55 to 59 years	319	45.9	319	303	16	5.0	376	305	2	21	48
60 to 64 years	216	36.2	216	211	6	2.6	381	272	1	32	77
65 years and over	128	9.0	128	123	5	3.9	1,301	851	--	115	335

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A-4. Labor force by sex, age, and race

Sex, age, and race	Total labor force				Civilian labor force			
	Thousands of persons		Participation rate		Thousands of persons		Participation rate	
	June 1981	June 1982	June 1981	June 1982	June 1981	June 1982	June 1981	June 1982
MALES								
16 years and over	64,999	65,557	78.9	78.5	63,045	63,573	78.3	78.0
16 to 19 years	5,791	5,429	69.1	66.6	5,523	5,179	68.1	65.6
16 to 17 years	2,388	2,187	57.9	55.7	2,371	2,177	57.8	55.6
18 to 19 years	3,406	3,238	79.9	76.9	3,152	3,002	78.6	75.5
20 to 24 years	9,711	9,674	89.4	88.7	8,962	8,904	88.6	87.8
25 to 54 years	40,450	41,368	94.3	94.4	39,515	40,401	94.2	94.2
25 to 34 years	18,159	18,494	95.3	95.2	17,528	17,843	95.1	95.1
35 to 44 years	12,364	13,044	95.3	95.5	12,096	12,765	95.2	95.4
45 to 54 years	9,927	9,830	91.6	91.3	9,391	9,793	91.6	91.3
55 to 64 years	7,177	7,193	70.7	70.4	7,175	7,192	70.7	70.4
55 to 59 years	4,409	4,439	81.2	82.3	4,407	4,438	81.2	82.3
60 to 64 years	2,768	2,754	58.6	57.1	2,768	2,754	58.6	57.1
65 years and over	1,870	1,897	18.4	18.3	1,870	1,897	18.4	18.3
White								
16 years and over	57,376	57,688	79.7	79.3	55,870	56,164	79.3	78.9
16 to 19 years	5,057	4,745	72.4	70.2	4,849	4,550	71.6	69.3
16 to 17 years	2,076	1,960	60.6	60.1	2,065	1,951	60.5	60.0
18 to 19 years	2,981	2,785	83.8	79.5	2,784	2,599	82.8	78.4
20 to 24 years	8,348	8,264	90.8	90.0	7,795	7,694	90.3	89.3
25 to 54 years	35,729	36,399	95.4	95.2	34,985	35,641	95.3	95.1
25 to 34 years	15,910	16,138	96.4	96.1	15,422	15,648	96.2	96.0
35 to 44 years	10,920	11,495	96.2	96.0	10,696	11,263	96.1	96.0
45 to 54 years	8,899	8,766	92.7	92.3	8,868	8,734	92.7	92.3
55 to 64 years	6,533	6,537	71.5	71.1	6,532	6,536	71.5	71.1
55 to 59 years	4,009	4,018	82.4	83.1	4,008	4,017	82.3	83.1
60 to 64 years	2,524	2,520	59.2	57.9	2,524	2,519	59.2	57.9
65 years and over	1,709	1,743	18.6	18.6	1,709	1,743	18.6	18.6
Black and other								
16 years and over	7,622	7,869	72.7	73.3	7,176	7,409	71.5	72.1
16 to 19 years	734	679	52.4	49.2	675	629	50.3	47.3
16 to 17 years	308	227	44.4	33.8	306	226	44.3	33.8
18 to 19 years	426	453	60.1	63.7	368	403	56.6	61.0
20 to 24 years	1,363	1,410	81.2	81.8	1,167	1,210	78.7	79.4
25 to 54 years	4,721	4,969	87.2	88.8	4,529	4,760	86.7	88.4
25 to 34 years	2,249	2,356	88.3	89.4	2,106	2,199	87.6	88.7
35 to 44 years	1,444	1,549	88.6	91.5	1,399	1,502	88.3	91.2
45 to 54 years	1,028	1,064	83.1	84.1	1,024	1,059	83.1	84.1
55 to 64 years	644	656	63.4	64.0	643	656	63.4	64.0
55 to 59 years	400	421	71.6	75.6	400	421	71.6	75.6
60 to 64 years	244	235	53.4	50.1	244	235	53.4	50.1
65 years and over	161	155	16.5	15.3	161	155	16.5	15.3

A-4. Labor force by sex, age, and race—Continued

Sex, age, and race	Total labor force				Civilian labor force			
	Thousands of persons		Participation rate		Thousands of persons		Participation rate	
	June 1981	June 1982	June 1981	June 1982	June 1981	June 1982	June 1981	June 1982
FEMALES								
16 years and over	47,036	48,185	52.4	53.0	46,859	47,995	52.3	52.9
16 to 19 years	4,788	4,616	58.7	58.3	4,760	4,591	58.5	58.1
16 to 17 years	1,977	1,798	49.5	47.2	1,977	1,798	49.5	47.2
18 to 19 years	2,811	2,818	67.5	68.5	2,783	2,793	67.3	68.3
20 to 24 years	7,675	7,807	71.1	72.3	7,589	7,715	70.9	72.0
25 to 54 years	28,619	29,746	64.3	65.4	28,555	29,674	64.2	65.4
25 to 34 years	12,713	13,178	65.5	66.7	12,656	13,112	65.4	66.6
35 to 44 years	8,851	9,490	65.6	66.9	8,846	9,484	65.6	66.9
45 to 54 years	7,054	7,079	60.7	61.3	7,053	7,078	60.7	61.3
55 to 64 years	4,756	4,826	41.0	41.3	4,756	4,826	41.0	41.3
55 to 59 years	2,975	3,005	48.8	49.6	2,975	3,005	48.8	49.6
60 to 64 years	1,781	1,821	32.4	32.3	1,781	1,821	32.4	32.3
65 years and over	1,199	1,190	8.2	7.9	1,199	1,190	8.2	7.9
White								
16 years and over	40,343	41,338	52.1	52.8	40,215	41,203	52.0	52.7
16 to 19 years	4,208	4,088	62.0	62.3	4,188	4,070	61.9	62.2
16 to 17 years	1,752	1,621	52.7	51.7	1,751	1,621	52.7	51.7
18 to 19 years	2,456	2,467	70.9	72.1	2,437	2,449	70.8	72.0
20 to 24 years	6,525	6,683	72.4	74.0	6,464	6,619	72.2	73.8
25 to 54 years	24,339	25,216	63.9	65.0	24,292	25,163	63.9	64.9
25 to 34 years	10,698	11,084	65.2	66.6	10,656	11,037	65.2	66.5
35 to 44 years	7,511	8,022	64.9	66.1	7,507	8,017	64.9	66.1
45 to 54 years	6,129	6,139	60.6	61.0	6,128	6,108	60.6	61.0
55 to 64 years	4,209	4,298	40.7	41.2	4,209	4,298	40.7	41.2
55 to 59 years	2,640	2,685	48.8	50.1	2,640	2,685	48.8	50.1
60 to 64 years	1,569	1,605	31.8	31.9	1,569	1,605	31.8	31.9
65 years and over	1,062	1,061	8.0	7.8	1,062	1,061	8.0	7.8
Black and other								
16 years and over	6,693	6,848	54.6	54.6	6,644	6,792	54.5	54.4
16 to 19 years	580	529	42.2	38.7	571	521	41.8	38.3
16 to 17 years	225	178	33.6	26.3	225	177	33.6	26.3
18 to 19 years	354	351	50.4	50.6	346	344	49.8	50.1
20 to 24 years	1,150	1,124	64.3	63.2	1,125	1,096	63.8	62.6
25 to 54 years	4,280	4,532	66.4	67.9	4,263	4,512	66.3	67.8
25 to 34 years	2,015	2,094	66.9	67.3	2,000	2,075	66.7	67.1
35 to 44 years	1,339	1,468	69.8	71.8	1,338	1,467	69.8	71.8
45 to 54 years	925	973	61.1	63.7	925	970	61.1	63.7
55 to 64 years	547	535	43.6	41.4	547	535	43.6	41.4
55 to 59 years	335	319	48.5	45.9	335	319	48.5	45.9
60 to 64 years	212	216	37.6	36.2	212	216	37.6	36.2
65 years and over	137	128	9.9	9.0	137	128	9.9	9.0

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A-5. Employment status of black workers by sex and age

[Numbers in thousands]

Sex and age	June 1982						
	Civilian labor force						Not in labor force
	Total	Employed			Unemployed		
		Total	Agriculture	Nonagricultural industries	Number	Percent of labor force	
TOTAL							
16 years and over	11,471	9,211	188	9,023	2,260	19.7	7,09
16 to 19 years	946	403	12	391	543	57.4	1,30
16 to 17 years	323	113	6	107	210	64.9	79
18 to 19 years	623	290	6	284	333	53.5	51
20 to 24 years	1,915	1,312	23	1,289	603	31.5	78
25 to 54 years	7,399	6,348	106	6,243	1,051	14.2	2,17
25 to 34 years	3,438	2,778	31	2,747	660	19.2	98
35 to 44 years	2,328	2,057	34	2,022	271	11.7	55
45 to 54 years	1,633	1,514	40	1,473	119	7.3	63
55 to 64 years	976	924	29	895	52	5.3	95
55 to 59 years	598	555	18	537	43	7.1	44
60 to 64 years	378	369	10	358	9	2.4	51
65 years and over	236	224	19	205	12	4.9	1,87
Males							
16 years and over	5,891	4,684	156	4,529	1,206	20.5	2,38
16 to 19 years	507	210	12	199	297	58.6	59
16 to 17 years	175	61	4	57	114	65.1	38
18 to 19 years	332	149	6	142	183	55.1	21
20 to 24 years	987	680	19	661	306	31.0	23
25 to 54 years	3,753	3,189	82	3,107	565	15.1	50
25 to 34 years	1,767	1,414	21	1,393	353	20.0	21
35 to 44 years	1,160	1,007	26	980	153	13.2	12
45 to 54 years	826	769	34	734	57	6.9	17
55 to 64 years	527	494	27	467	33	6.3	32
55 to 59 years	337	308	16	292	29	8.6	11
60 to 64 years	189	186	10	176	3	1.6	20
65 years and over	118	111	17	94	7	5.9	72
Females							
16 years and over	5,580	4,527	32	4,494	1,054	18.9	4,71
16 to 19 years	439	193	--	192	246	56.1	71
16 to 17 years	148	52	2	53	96	65.1	41
18 to 19 years	291	141	--	142	150	51.5	30
20 to 24 years	928	632	4	628	297	32.0	54
25 to 54 years	3,646	3,159	24	3,136	486	13.3	1,66
25 to 34 years	1,671	1,364	10	1,354	307	18.4	77
35 to 44 years	1,168	1,050	8	1,042	118	10.1	43
45 to 54 years	807	745	6	739	62	7.7	45
55 to 64 years	449	430	2	428	19	4.3	63
55 to 59 years	261	247	2	245	14	5.3	32
60 to 64 years	189	183	--	182	6	3.0	31
65 years and over	118	113	2	111	5	4.1	1,10

A-6. Employment status of the noninstitutional population by race, sex, and age

(Numbers in thousands)

Employment status and race	Total		Males, 20 years and over		Females, 20 years and over		Both sexes, 16-19 years	
	June 1981	June 1982	June 1981	June 1982	June 1981	June 1982	June 1981	June 1982
TOTAL								
Total noninstitutional population	172,172	174,369	74,065	75,323	81,583	82,976	16,544	16,065
Total labor force	112,035	113,744	59,208	60,132	42,248	43,569	10,579	10,041
Percent of population	65.1	65.2	80.0	79.8	51.8	52.5	63.9	62.5
Civilian labor force	108,984	111,589	57,522	58,394	42,099	43,404	10,283	9,770
Employed	101,419	100,683	54,130	53,489	39,263	39,839	8,025	7,355
Agriculture	3,831	3,816	2,533	2,574	715	706	584	536
Nonagricultural industries	97,588	96,866	51,598	50,915	38,549	39,133	7,442	6,818
Unemployed	8,485	10,886	3,392	4,905	2,836	3,565	2,258	2,415
Percent of labor force	7.7	9.8	5.9	8.4	6.7	8.2	22.0	24.7
Not in labor force	60,137	60,621	14,837	15,191	39,335	39,407	5,966	6,024
White								
Total noninstitutional population	149,439	151,087	64,964	65,972	70,707	71,797	13,769	13,318
Total labor force	97,719	99,026	52,319	52,943	36,135	37,250	9,265	8,833
Percent of population	65.4	65.5	80.5	80.3	51.1	51.9	67.3	66.3
Civilian labor force	96,084	97,367	51,021	51,614	36,027	37,133	9,037	8,620
Employed	89,720	89,068	48,415	47,773	33,964	34,490	7,341	6,805
Agriculture	3,539	3,548	2,324	2,377	672	652	544	519
Nonagricultural industries	86,180	85,520	46,091	45,396	33,292	33,838	6,797	6,286
Unemployed	6,365	8,299	2,606	3,841	2,063	2,643	1,696	1,815
Percent of labor force	6.6	8.5	5.1	7.4	5.7	7.1	18.8	21.1
Not in labor force	51,720	52,061	12,644	13,029	34,572	34,547	4,504	4,485
Black and other								
Total noninstitutional population	22,733	23,276	9,082	9,351	10,876	11,178	2,776	2,747
Total labor force	14,316	14,716	6,889	7,189	6,113	6,319	1,314	1,208
Percent of population	63.0	63.2	75.9	76.9	56.2	56.5	47.3	44.0
Civilian labor force	13,820	14,201	6,501	6,780	6,072	6,271	1,246	1,150
Employed	11,699	11,614	5,715	5,716	5,299	5,349	685	550
Agriculture	292	268	209	197	43	54	40	17
Nonagricultural industries	11,408	11,346	5,506	5,519	5,256	5,295	645	532
Unemployed	2,121	2,587	786	1,065	773	922	561	600
Percent of labor force	15.3	18.2	12.1	15.7	12.7	14.7	45.0	52.2
Not in labor force	8,418	8,560	2,193	2,161	4,763	4,859	1,462	1,539

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A-7. Employment status of the noninstitutional population 16 to 21 years of age by major activity, sex, and race

(Numbers in thousands)

Employment status and major activity	June 1982								
	Total			White			Black and other		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
TOTAL									
Total noninstitutional population	24,721	12,508	12,214	20,547	10,414	10,134	4,174	2,094	2,0
Total labor force	16,859	9,199	7,660	14,647	7,955	6,692	2,212	1,244	9
Percent of population	68.2	73.6	62.7	71.3	76.4	66.0	53.0	59.4	4
Civilian labor force	16,173	8,579	7,593	14,124	7,478	6,646	2,049	1,101	9
Employed	12,624	6,659	5,965	11,506	6,059	5,454	1,119	608	5
Agriculture	743	619	121	714	593	121	26	25	
Nonagricultural industries	11,881	6,040	5,844	10,793	5,457	5,333	1,094	583	5
Unemployed	3,549	1,921	1,628	2,623	1,420	1,192	929	493	4
Looking for full-time work	2,754	1,551	1,203	1,977	1,121	856	777	430	3
Looking for part-time work	796	369	425	643	306	336	152	63	
Percent of labor force	21.9	22.4	21.4	18.5	19.1	17.9	45.4	44.8	46
Not in labor force	7,862	3,308	4,554	5,930	2,459	3,441	1,962	853	1,1
Major activity: going to school									
Civilian labor force	1,938	990	999	1,743	877	863	249	113	1
Employed	1,395	693	705	1,337	643	664	88	47	
Agriculture	45	36	9	46	37	9	--	--	
Nonagricultural industries	1,353	656	696	1,291	606	655	89	48	
Unemployed	593	333	294	432	234	199	161	66	
Looking for full-time work	287	145	141	185	102	83	101	43	
Looking for part-time work	337	154	152	247	133	115	60	23	
Percent of labor force	29.8	33.3	29.4	24.9	26.7	23.0	64.7	58.4	69
Not in labor force	3,892	1,958	1,934	2,853	1,451	1,399	1,042	536	5
Major activity: other									
Civilian labor force	14,184	7,590	6,594	12,396	6,601	5,783	1,800	989	8
Employed	11,229	5,969	5,260	10,197	5,407	4,790	1,032	562	4
Agriculture	698	582	112	668	556	112	27	26	
Nonagricultural industries	10,534	5,386	5,148	9,529	4,851	4,678	1,005	535	4
Unemployed	2,955	1,621	1,334	2,197	1,194	993	768	427	3
Looking for full-time work	2,468	1,436	1,062	1,791	1,019	772	676	387	2
Looking for part-time work	687	215	272	395	175	221	92	40	
Percent of labor force	20.8	21.4	20.2	17.7	18.1	17.2	42.7	43.2	42.
Not in labor force	3,972	1,353	2,620	3,058	1,037	2,021	920	383	5

A-8. Full- and part-time status of the civilian labor force by sex, age, and race

[Numbers in thousands]

Sex, age, and race	June 1982								
	Full-time labor force					Part-time labor force			
	Total	Employed		Unemployed (looking for full-time work)		Total	Employed on voluntary part time[1]	Unemployed (looking for part-time work)	
		Full-time schedules[1]	Part time for economic reasons	Number	Percent of full-time labor force			Number	Percent of part-time labor force
TOTAL									
Both sexes, 16 years and over	96,967	83,702	6,746	9,518	9.8	14,602	13,235	1,368	9.4
16 to 21 years	11,635	6,836	2,045	2,754	23.7	4,538	3,743	794	17.5
16 to 19 years	6,156	3,011	1,385	1,759	28.6	3,614	2,958	656	18.2
16 to 17 years	1,827	627	552	647	35.4	2,148	1,694	454	21.1
18 to 19 years	4,329	2,384	832	1,112	25.7	1,466	1,264	202	13.8
20 years and over	90,811	77,690	5,361	7,759	8.5	10,988	10,276	712	6.5
20 to 24 years	14,757	11,101	1,407	2,250	15.2	1,861	1,617	244	13.1
25 years and over	76,053	66,589	3,955	5,509	7.2	9,127	8,659	467	5.1
25 to 54 years	63,820	55,682	3,250	4,888	7.7	6,256	5,895	360	5.8
55 years and over	12,233	10,907	704	622	5.1	2,872	2,764	107	3.7
Males, 16 years and over	59,140	50,049	3,393	5,699	9.6	4,433	3,921	512	11.5
16 to 21 years	6,463	3,877	1,035	1,551	24.0	2,116	1,747	369	17.5
16 to 19 years	3,421	1,736	710	974	28.5	1,758	1,427	332	18.9
20 years and over	55,720	48,312	2,682	4,725	8.5	2,675	2,494	180	6.7
20 to 24 years	8,268	6,230	720	1,318	15.9	636	565	70	11.1
25 years and over	47,452	42,081	1,963	3,406	7.2	2,040	1,929	111	5.4
25 to 54 years	39,582	34,958	1,610	3,013	7.5	823	756	65	7.9
55 years and over	7,870	7,123	353	393	5.0	1,220	1,174	46	3.8
Females, 16 years and over	37,826	30,653	3,354	3,819	10.1	10,169	9,314	856	8.4
16 to 21 years	5,172	2,959	1,009	1,203	23.3	2,421	1,996	425	17.5
16 to 19 years	2,735	1,275	675	785	28.7	1,856	1,532	325	17.5
20 years and over	35,091	29,378	2,679	3,034	8.6	8,313	7,782	531	6.4
20 to 24 years	6,489	4,871	687	931	14.3	1,226	1,052	174	14.2
25 years and over	28,603	24,508	1,992	2,103	7.4	7,088	6,730	358	5.1
25 to 54 years	24,237	20,724	1,640	1,875	7.7	5,435	5,140	296	5.4
55 years and over	4,364	3,783	352	229	5.2	1,652	1,590	62	3.8
White									
Males, 16 years and over	52,216	44,915	2,900	4,402	8.4	3,948	3,527	421	10.7
16 to 21 years	5,566	3,526	918	1,121	20.1	1,912	1,606	306	16.0
16 to 19 years	2,957	1,610	641	706	23.9	1,594	1,317	276	17.3
20 years and over	49,259	43,305	2,258	3,696	7.5	2,355	2,210	145	6.1
20 to 24 years	7,135	5,551	603	982	13.8	559	507	52	9.3
25 years and over	42,123	37,754	1,655	2,714	6.4	1,796	1,703	93	5.2
25 to 54 years	34,954	31,229	1,364	2,361	6.8	686	631	56	8.2
55 years and over	7,169	6,525	291	353	4.9	1,110	1,073	37	3.3
Females, 16 years and over	31,873	26,318	2,790	2,765	8.7	9,331	8,619	711	7.6
16 to 21 years	4,428	2,673	903	856	19.3	2,218	1,882	336	15.2
16 to 19 years	2,371	1,178	619	574	24.2	1,699	1,440	259	15.2
20 years and over	29,502	25,139	2,171	2,191	7.4	7,632	7,179	452	5.9
20 to 24 years	5,506	4,291	572	644	11.7	1,113	974	139	12.5
25 years and over	23,995	20,849	1,598	1,548	6.5	6,519	6,205	313	4.8
25 to 54 years	20,124	17,471	1,314	1,340	6.7	5,038	4,780	258	5.1
55 years and over	3,871	3,378	284	209	5.4	1,480	1,425	55	3.7
Black and other									
Males, 16 years and over	6,925	5,134	493	1,298	18.7	484	394	91	18.7
16 to 21 years	898	351	117	430	47.9	204	141	63	31.0
16 to 19 years	464	127	69	269	57.8	165	109	55	33.5
20 years and over	6,461	5,007	424	1,029	15.9	320	284	36	11.1
20 to 24 years	1,133	673	117	337	29.7	77	59	18	23.7
25 years and over	5,328	4,328	307	692	13.0	242	225	18	7.4
25 to 54 years	4,627	3,729	246	652	14.1	133	124	9	6.8
55 years and over	701	599	61	41	5.8	110	101	9	8.2
Females, 16 years and over	5,953	4,335	564	1,054	17.7	839	694	144	17.2
16 to 21 years	744	290	107	348	46.7	203	115	89	43.5
16 to 19 years	364	97	56	211	58.1	158	92	66	41.7
20 years and over	5,590	4,239	508	843	15.1	681	602	79	11.6
20 to 24 years	983	580	115	288	29.3	113	78	35	31.1
25 years and over	4,607	3,659	393	555	12.0	569	525	43	7.6
25 to 54 years	4,115	3,254	326	535	13.0	397	359	37	9.3
55 years and over	493	405	68	20	4.1	172	165	7	4.1

[1] Employed persons with a job but not at work are distributed proportionately among the full- and part-time employed categories.

HOUSEHOLD DATA

A-9. Employment status of the noninstitutional population by family relationship

[Numbers in thousands]

Family relationship	June 1982									
	Civilian labor force					Not in labor force				
	Total	Percent of population	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
				Number	Percent of labor force					
Total, 16 years and over	111,569	64.8	100,683	10,886	9.8	60,621	32,647	5,064	2,438	20,473
Husbands	39,788	80.2	37,447	2,340	5.9	9,814	167	142	795	8,711
With employed wife	21,543	92.1	20,408	1,134	5.3	1,846	45	80	263	1,457
With unemployed wife	1,588	93.5	1,301	287	18.1	110	4	3	23	80
With wife not in labor force	16,657	67.9	15,738	919	5.5	7,859	118	59	508	7,173
Wives	25,086	50.6	23,388	1,698	6.8	24,516	21,610	249	296	2,361
With employed husband	21,709	58.0	20,408	1,301	6.0	15,738	14,394	208	83	1,053
With unemployed husband	1,421	60.7	1,134	287	20.2	919	841	9	19	50
With husband not in labor force	1,956	19.9	1,846	110	5.6	7,859	6,375	31	194	1,258
Relatives in married-couple families	15,050	68.1	12,160	2,890	19.2	7,066	1,082	2,973	291	2,719
16 to 19 years	6,734	63.4	5,204	1,530	22.7	3,887	266	2,233	11	1,377
20 to 24 years	5,576	80.1	4,620	956	17.1	1,382	183	648	40	510
25 years and over	2,740	60.4	2,336	404	14.7	1,797	633	92	240	832
Females who maintain families	5,789	60.6	5,093	696	12.0	3,771	2,940	107	127	597
Relatives in families maintained by females	5,163	61.0	3,828	1,335	25.9	3,306	893	962	233	1,218
16 to 19 years	1,684	55.4	1,093	591	35.1	1,358	139	783	11	424
20 to 24 years	1,653	77.9	1,231	421	25.5	469	141	140	15	173
25 years and over	1,826	55.2	1,504	323	17.7	1,479	613	39	207	621
Males who maintain families	1,936	76.5	1,769	167	8.6	594	31	29	65	469
Relatives in families maintained by males	1,613	62.3	1,377	237	14.7	978	391	179	56	352
16 to 19 years	323	56.4	247	76	23.6	250	21	140	1	88
20 to 24 years	490	81.5	399	90	18.4	111	36	34	1	40
25 years and over	800	56.4	731	71	8.9	617	334	5	54	224
Persons living alone	10,364	53.8	9,625	739	7.1	8,902	4,900	155	483	3,365
Males	5,428	72.1	4,941	487	9.0	2,098	122	104	204	1,668
Females	4,936	42.0	4,684	252	5.1	6,804	4,778	51	279	1,696
All others[1]	6,780	80.2	5,996	784	11.6	1,674	633	268	92	681

[1] The majority of these persons are living with nonrelatives. Also included are persons in married-couple families where the husband is in the Armed Forces, persons in secondary families, and some whose family status is unknown.

A-10. Unemployed persons by marital status, race, age, and sex

Marital status, race, and age	Males				Females			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	June 1981	June 1982	June 1981	June 1982	June 1981	June 1982	June 1981	June 1982
Total, 16 years and over	4,582	6,211	7.3	9.8	3,903	4,675	8.3	9.7
Married, spouse present	1,598	2,462	3.9	6.0	1,387	1,757	5.6	6.9
Widowed, divorced, or separated	427	672	7.8	12.1	707	878	7.8	9.5
Single (never married)	2,557	3,077	15.1	18.0	1,809	2,040	14.1	15.5
White, 16 years and over	3,506	4,823	6.3	8.6	2,858	3,476	7.1	8.4
Married, spouse present	1,313	2,041	3.6	5.5	1,156	1,449	5.2	6.4
Widowed, divorced, or separated	316	526	7.0	11.4	497	682	6.8	9.1
Single (never married)	1,877	2,256	13.3	15.5	1,204	1,346	11.3	12.4
Black and other, 16 years and over	1,076	1,388	15.0	18.7	1,045	1,199	15.7	17.6
Married, spouse present	285	422	7.5	10.7	231	308	8.5	10.9
Widowed, divorced, or separated	111	145	11.7	15.8	209	197	11.8	11.5
Single (never married)	680	821	27.4	32.3	605	694	27.9	30.9
Total, 20 to 64 years of age	3,339	4,863	6.0	8.6	2,793	3,533	6.8	8.4
Married, spouse present	1,532	2,415	3.9	6.2	1,310	1,681	5.4	6.7
Widowed, divorced, or separated	420	648	8.0	12.3	657	837	7.9	9.8
Single (never married)	1,387	1,800	12.1	14.9	825	1,015	9.9	11.6
White, 20 to 64 years of age	2,569	3,808	5.2	7.6	2,028	2,616	5.8	7.3
Married, spouse present	1,261	2,001	3.6	5.7	1,095	1,379	5.1	6.2
Widowed, divorced, or separated	312	507	7.2	11.5	460	645	6.9	9.4
Single (never married)	996	1,300	10.3	12.8	473	592	7.1	8.4
Black and other, 20 to 64 years of age	770	1,056	12.1	15.9	765	917	12.9	14.9
Married, spouse present	272	414	7.5	10.8	217	302	8.2	10.9
Widowed, divorced, or separated	108	141	11.8	15.9	196	191	11.7	11.7
Single (never married)	390	500	21.5	26.2	352	423	21.7	24.4

A-11. Unemployed persons by occupation and sex

Occupation	Thousands of persons		Unemployment rates					
			Total		Males		Females	
	June 1981	June 1982	June 1981	June 1982	June 1981	June 1982	June 1981	June 1982
Total, 16 years and over	8,485	10,886	7.7	9.8	7.3	9.8	8.3	9.7
White-collar workers	2,214	2,876	4.3	5.1	2.8	4.1	5.1	6.0
Professional and technical	522	647	3.2	3.8	2.4	3.3	4.1	4.3
Managers and administrators, except farm	299	426	2.5	3.6	2.2	3.2	3.5	4.5
Sales workers	303	418	4.4	6.0	3.2	5.4	5.8	6.6
Clerical workers	1,090	1,385	5.5	7.0	4.6	6.6	5.7	7.1
Blue-collar workers	3,282	4,636	9.2	13.2	8.6	12.7	11.8	15.1
Craft and kindred workers	902	1,303	6.5	9.5	6.6	9.5	5.2	8.5
Carpenters and other construction craft workers	460	564	10.7	12.9	10.7	12.9	(1)	12.7
All other	442	739	4.6	7.9	4.6	7.8	4.6	8.1
Operatives, except transport	1,334	1,918	11.3	15.5	9.5	16.4	13.1	16.6
Transport equipment operatives	279	469	7.3	12.0	6.9	12.1	11.8	10.9
Nonfarm laborers	767	946	13.3	15.0	13.2	16.0	11.0	15.8
Construction laborers	234	248	19.9	23.1	19.8	23.0	(1)	(1)
All other	533	698	11.2	10.4	11.4	14.2	10.6	15.3
Service workers	1,427	1,672	9.7	10.7	10.8	11.6	9.0	10.2
Private household	52	70	4.8	6.4	(1)	(1)	4.7	5.7
All other	1,375	1,602	10.3	11.0	10.8	11.5	9.5	10.7
Farm workers	142	163	4.4	5.1	3.5	4.4	7.8	7.9
No previous work experience	1,420	1,539	--	--	--	--	--	--
16 to 19 years	1,136	1,176	--	--	--	--	--	--
20 to 24 years	204	272	--	--	--	--	--	--
25 years and over	81	91	--	--	--	--	--	--

[1] Percent not shown where base is less than 75,000.

A-12. Unemployed persons by industry and sex

Industry	Percent distribution		Unemployment rates					
			Total		Males		Females	
	June 1981	June 1982	June 1981	June 1982	June 1981	June 1982	June 1981	June 1982
Total, 16 years and over	100.0	100.0	7.7	9.8	7.3	9.8	8.3	9.7
Nonagricultural private wage and salary workers	69.2	74.2	7.3	9.9	7.1	10.3	7.5	9.3
Mining	.7	1.4	5.2	13.2	5.6	14.6	2.4	4.6
Construction	8.9	8.2	14.0	15.9	14.2	17.3	11.3	13.2
Manufacturing	20.3	25.0	7.2	12.0	6.0	11.3	9.8	13.5
Durable goods	11.5	15.9	6.9	12.9	6.2	12.7	8.9	13.5
Lumber and wood products	.8	1.0	9.7	16.9	9.3	17.4	12.6	13.4
Furniture and fixtures	.5	.8	7.5	16.5	6.3	15.3	10.3	19.0
Stone, clay, and glass products	.5	.6	6.4	10.2	6.4	7.6	6.1	18.2
Primary metal industries	1.0	2.3	6.3	21.0	6.7	21.3	7.8	18.9
Fabricated metal products	1.4	2.3	7.5	17.7	7.2	17.1	8.8	19.9
Machinery, except electrical equipment	1.9	2.8	5.5	11.0	4.7	11.3	8.4	9.7
Electrical equipment	1.8	1.8	6.2	8.0	4.5	5.3	8.4	11.4
Transportation equipment	2.3	2.8	8.1	13.8	8.2	13.1	7.9	16.9
Automobiles	1.5	1.7	10.8	17.0	10.5	15.9	12.7	22.7
Other transportation equipment	.8	1.1	5.5	13.7	5.7	10.4	4.6	12.4
Instruments and related products	.3	.6	3.6	10.6	2.4	11.3	5.0	9.5
Other durable goods industries	1.0	.8	10.7	10.9	6.6	9.5	18.0	13.0
Nondurable goods	8.5	9.2	7.7	13.7	5.5	8.6	10.6	13.5
Food and kindred products	2.0	2.1	8.9	11.2	6.2	9.0	15.3	16.2
Textile mill products	.9	1.0	8.5	14.2	8.4	13.1	8.6	15.2
Apparel and other textile products	1.7	1.8	9.3	14.3	5.9	11.5	11.0	15.0
Paper and allied products	.4	.6	4.0	8.0	2.6	6.8	8.4	12.0
Printing and publishing	1.2	1.2	6.3	8.3	5.1	8.7	7.9	7.7
Chemicals and allied products	.9	.9	5.6	7.5	4.3	5.1	8.7	13.9
Rubber and plastics products	.8	.9	9.5	12.9	6.5	10.2	15.1	17.4
Other nondurable goods industries	.6	.6	7.9	13.1	7.0	9.8	9.2	10.3
Transportation and public utilities	3.1	3.4	4.5	6.3	4.5	6.8	4.2	5.0
Railroads and railway express	.4	.6	5.1	12.1	5.1	12.4	(1)	(1)
Other transportation	2.0	2.2	6.4	9.0	6.6	9.0	5.6	8.9
Communication and other public utilities	.7	.6	2.2	2.4	1.6	2.4	3.4	2.2
Wholesale and retail trade	18.9	19.3	8.3	10.0	7.2	9.7	8.9	10.3
Finance, insurance, and real estate	2.3	2.8	3.4	5.3	3.3	4.9	3.5	5.5
Service industries	15.3	14.1	6.9	7.6	7.4	8.1	6.5	7.3
Professional services	6.7	6.0	5.2	5.7	4.9	5.3	5.3	6.0
All other service industries	8.6	8.1	9.2	10.1	9.6	10.3	8.7	9.9
Agricultural wage and salary workers	2.1	2.1	9.6	11.7	8.3	10.2	14.0	17.3
All other classes of workers	11.9	9.6	3.9	4.0	3.3	3.7	4.7	4.4
No previous work experience	16.7	14.1	--	--	--	--	--	--

[1] Percent not shown where base is less than 75,000.

HOUSEHOLD DATA

A-13. Unemployed persons by reason for unemployment, sex, age, and race

Reason for unemployment	Total unemployed		Males, 20 years and over		Females, 20 years and over		Both sexes, 16 to 19 years		White		Black and other	
	June 1981	June 1982	June 1981	June 1982	June 1981	June 1982	June 1981	June 1982	June 1981	June 1982	June 1981	June 1982
NUMBER OF UNEMPLOYED												
Total unemployed, in thousands	8,485	10,886	3,392	4,905	2,836	3,565	2,258	2,415	6,365	8,293	2,121	2,5
Job losers	3,821	5,804	2,256	3,651	1,263	1,732	302	421	2,917	4,573	904	1,2
On layoff	1,156	1,864	692	1,203	408	569	56	93	960	1,547	196	3
Other job losers	2,665	3,940	1,564	2,448	855	1,163	246	328	1,957	3,026	708	9
Job leavers	672	793	353	309	362	361	147	123	723	654	149	1
Reentrants	2,372	2,751	653	819	1,046	1,239	673	698	1,728	2,031	644	7
New entrants	1,420	1,538	120	131	164	233	1,136	1,174	997	1,041	423	4
PERCENT DISTRIBUTION												
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
Job losers	45.0	53.3	66.5	74.4	44.6	48.6	13.4	17.4	45.9	55.1	42.7	47.
On layoff	13.6	17.1	20.4	24.5	14.4	16.0	2.5	3.8	15.1	18.6	9.3	12.
Other job losers	31.4	36.2	46.1	49.9	30.2	32.6	10.9	13.6	30.8	36.5	33.4	35.
Job leavers	10.3	7.3	10.7	6.3	12.8	10.1	6.5	5.1	11.4	7.9	7.0	5.
Reentrants	28.0	25.3	119.0	16.6	36.9	34.7	29.8	28.9	27.2	24.5	30.4	27.
New entrants	16.7	14.1	3.5	2.7	5.8	6.5	50.3	48.6	15.7	12.5	20.0	19.
UNEMPLOYMENT RATE												
Total unemployment rate	7.7	9.8	5.9	8.4	6.7	8.2	22.0	24.7	6.6	8.5	15.3	18.
Job loser rate[1]	3.5	5.2	3.9	6.3	3.0	4.0	2.9	4.3	3.0	4.7	6.5	8.
Job leaver rate[1]	.9	.7	.6	.5	.9	.8	1.4	1.3	.8	.7	1.1	1.
Reentrant rate[1]	2.2	2.5	1.1	1.4	2.5	2.9	6.5	7.1	1.8	2.1	4.9	5.
New entrant rate[1]	1.3	1.4	.2	.2	.4	.5	11.1	12.0	1.0	1.1	3.1	3.

[1] Unemployment rates are calculated as a percent of the civilian labor force.

A-14. Unemployed persons by reason for unemployment, sex, age, and duration of unemployment

(Percent distribution)

Reason, sex, and age	June 1982						
	Total unemployed		Duration of unemployment				
	Thousands of persons	Percent	Less than 5 weeks	5 to 14 weeks	15 weeks and over		
					Total	15 to 26 weeks	27 weeks and over
Total, 16 years and over	10,886	100.0	41.7	27.0	31.2	15.0	16.2
Job losers	5,804	100.0	30.8	27.5	41.7	19.9	21.8
On layoff	1,864	100.0	39.7	26.9	33.4	15.0	18.3
Other job losers	3,940	100.0	26.7	27.7	45.6	22.2	23.5
Job leavers	793	100.0	43.1	28.1	28.9	13.5	15.3
Reentrants	2,751	100.0	53.0	27.3	19.8	10.1	9.7
New entrants	1,538	100.0	62.1	24.4	13.5	6.3	7.3
Males, 20 years and over	4,905	100.0	32.5	26.7	40.9	18.1	22.8
Job losers	3,651	100.0	29.3	25.9	44.7	19.7	25.0
On layoff	1,203	100.0	38.5	25.6	35.9	15.6	20.4
Other job losers	2,448	100.0	24.8	26.1	49.3	21.7	27.3
Job leavers	309	100.0	36.7	28.0	35.3	13.0	22.3
Reentrants	819	100.0	43.8	28.5	27.7	13.9	13.2
New entrants	131	100.0	39.4	32.1	28.5	11.0	17.5
Females, 20 years and over	3,565	100.0	40.1	29.5	30.4	15.8	14.7
Job losers	1,732	100.0	30.8	30.3	38.9	20.4	18.5
On layoff	569	100.0	38.3	30.8	30.9	14.5	16.3
Other job losers	1,163	100.0	27.1	30.1	42.8	23.3	19.5
Job leavers	361	100.0	39.5	31.0	29.7	15.3	13.5
Reentrants	1,239	100.0	52.1	28.3	19.6	9.5	10.1
New entrants	233	100.0	46.9	25.8	27.3	15.0	12.3
Both sexes, 16 to 19 years	2,415	100.0	62.9	24.2	12.9	7.7	5.2
Job losers	421	100.0	44.0	28.8	27.2	19.5	7.7
On layoff	93	100.0	63.3	20.9	15.8	11.4	4.4
Other job losers	328	100.0	38.5	31.1	30.4	21.8	8.6
Job leavers	123	100.0	69.8	17.7	12.6	9.7	2.8
Reentrants	698	100.0	65.2	24.1	10.7	6.6	4.2
New entrants	1,174	100.0	67.6	23.3	9.1	4.0	5.1

A-15. Unemployed jobseekers by sex, age, race, and jobsearch methods used

Sex, age, and race	June 1982								
	Thousands of persons		Methods used as a percent of total jobseekers						
	Total unemployed	Total jobseekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives	Other	Average number of methods used
Total, 16 years and over	10,886	8,824	23.8	6.6	77.8	33.7	16.1	4.4	1.62
16 to 19 years	2,415	2,279	15.9	3.4	81.4	25.5	15.5	4.3	1.46
20 to 24 years	2,494	2,087	26.6	7.1	79.3	35.1	15.6	3.3	1.67
25 to 34 years	3,034	2,267	27.4	8.1	75.9	38.7	15.6	4.0	1.70
35 to 44 years	1,396	1,059	29.6	7.6	72.1	34.4	17.6	6.4	1.68
45 to 54 years	818	509	24.1	7.4	80.3	35.6	17.1	3.6	1.69
55 to 64 years	656	462	18.6	9.3	75.3	33.3	17.5	5.2	1.64
65 years and over	74	61	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Males, 16 years and over	6,211	4,825	26.3	7.0	79.2	31.5	18.1	4.4	1.66
16 to 19 years	1,306	1,214	16.4	3.5	83.0	23.7	17.6	2.7	1.47
20 to 24 years	1,389	1,126	29.2	7.9	80.2	32.1	18.0	2.9	1.70
25 to 34 years	1,809	1,264	32.1	7.9	78.1	37.3	16.4	3.6	1.75
35 to 44 years	802	576	31.4	7.6	73.6	29.0	22.4	9.7	1.78
45 to 54 years	467	340	26.8	9.7	81.8	37.4	19.7	5.3	1.75
55 to 64 years	397	288	20.9	10.1	74.6	35.8	21.3	10.4	1.73
65 years and over	42	37	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Females, 16 years and over	4,675	3,998	20.6	6.1	76.2	36.4	13.7	4.3	1.57
16 to 19 years	1,110	1,065	15.4	3.3	79.6	27.5	13.1	6.1	1.45
20 to 24 years	1,105	961	23.6	6.3	78.4	38.5	12.8	3.6	1.63
25 to 34 years	1,225	1,003	23.5	8.3	73.2	40.4	14.6	4.5	1.62
35 to 44 years	595	483	27.5	7.5	70.4	40.8	12.0	2.5	1.61
45 to 54 years	350	268	20.9	4.5	78.7	35.8	20.1	1.9	1.62
55 to 64 years	259	194	15.5	8.2	76.3	42.3	12.4	5.7	1.60
65 years and over	32	24	(1)	(1)	(1)	(1)	(1)	(1)	(1)
White, 16 years and over	8,299	6,593	21.4	6.7	78.0	36.0	16.4	4.3	1.63
Males	4,823	3,661	23.7	7.5	79.3	33.2	17.8	4.7	1.66
Females	3,476	2,929	18.4	5.8	76.3	39.4	14.6	3.8	1.58
Black and other, 16 years and over	2,587	2,233	30.9	6.2	77.3	27.1	15.3	4.6	1.61
Males	1,388	1,164	34.7	5.3	78.8	25.9	19.0	3.5	1.67
Females	1,199	1,069	26.7	7.1	75.9	28.3	11.2	5.7	1.55

(1) Percent not shown where base is less than 75,000.

NOTE: The jobseekers total is less than the total unemployed because persons on layoff or waiting to begin a new wage and salary job within 30 days are not actually seeking jobs. It should also be noted that the percent using each method will always total more than 100 because many jobseekers use more than one method.

A-16. Unemployed jobseekers by sex, reason for unemployment, and jobsearch methods used

Sex and reason	June 1982								
	Thousands of persons		Methods used as a percent of total jobseekers						
	Total unemployed	Total jobseekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives	Other	Average number of methods used
Total, 16 years and over	10,886	8,824	23.8	6.6	77.8	33.7	16.1	4.4	1.62
Job losers	5,804	3,912	30.3	7.3	78.6	36.2	17.3	4.8	1.74
Job leavers	793	835	23.5	10.8	78.8	37.6	14.0	1.4	1.66
Reentrants	2,751	2,598	18.6	6.1	75.4	33.8	15.7	4.8	1.58
New entrants	1,538	1,509	15.8	3.4	79.6	25.2	14.7	4.2	1.43
Males, 16 years and over	6,211	4,825	26.3	7.0	79.2	31.5	18.1	4.4	1.66
Job losers	3,940	2,645	31.6	7.4	79.6	33.5	18.5	5.6	1.75
Job leavers	362	369	28.6	13.9	78.6	37.5	16.4	1.9	1.77
Reentrants	1,190	1,112	20.5	6.3	77.7	28.9	18.0	4.0	1.55
New entrants	719	708	14.5	3.1	83.8	25.1	17.4	2.1	1.46
Females, 16 years and over	4,675	3,998	20.6	6.1	76.2	36.4	13.7	4.3	1.57
Job losers	1,864	1,267	27.4	7.0	78.4	41.8	16.9	3.1	1.73
Job leavers	432	465	19.3	8.3	79.1	37.8	12.1	.9	1.58
Reentrants	1,561	1,485	17.2	6.0	73.6	37.6	13.9	5.5	1.58
New entrants	819	801	17.0	3.7	76.0	25.2	12.5	6.1	1.41

NOTE: See note, table A-15.

HOUSEHOLD DATA

A-17. Unemployed persons by duration of unemployment

Duration of unemployment	Total				Full-time workers			
	Thousands of persons		Percent distribution		Thousands of persons		Percent distribution	
	June 1981	June 1982	June 1981	June 1982	June 1981	June 1982	June 1981	June 1982
Total, 16 years and over	8,485	10,886	100.0	100.0	7,230	9,518	100.0	100.
Less than 5 weeks	4,234	4,542	49.9	41.7	3,390	3,680	46.2	38.
5 to 14 weeks	2,059	2,943	24.3	27.0	1,827	2,617	25.3	27.
5 to 10 weeks	1,554	2,135	18.3	19.6	1,379	1,887	19.1	19.
11 to 14 weeks	506	808	6.0	7.4	447	730	6.2	7.
15 weeks and over	2,192	3,401	25.8	31.2	2,064	3,222	28.5	33.
15 to 26 weeks	1,104	1,635	13.0	15.0	1,034	1,521	14.3	16.
27 weeks and over	1,089	1,766	12.8	16.2	1,033	1,700	14.2	17.
27 to 51 weeks	547	1,026	6.4	9.4	517	1,009	7.2	10.
52 weeks and over	541	740	6.4	6.8	513	691	7.1	7.
Average (mean) duration, in weeks	12.7	14.7	--	--	13.7	15.7	--	--
Median duration, in weeks	5.0	7.3	--	--	6.0	8.2	--	--

A-18. Unemployed persons by sex, age, race, marital status, and duration of unemployment

Sex, age, race, and marital status	Thousands of persons					Average (mean) duration, in weeks	Median duration, in weeks	Less than 5 weeks as a percent of unemployed in group		15 weeks and over percent of unemp in group	
	Total	Less than 5 weeks	5 to 14 weeks	15 to 26 weeks	27 weeks and over						
	June 1982							June 1981	June 1982	June 1981	Ju 19
Total, 16 years and over	10,886	4,542	2,943	1,635	1,766	14.7	7.3	49.9	41.7	25.8	31.
16 to 21 years	3,549	2,064	937	329	254	8.9	4.3	63.7	58.2	13.4	16.
16 to 19 years	2,415	1,519	584	187	125	7.6	4.0	68.9	62.9	10.5	12.
20 to 24 years	2,496	1,097	722	353	321	12.9	6.4	47.0	44.0	24.6	27.
25 to 34 years	3,034	1,065	822	514	633	17.0	9.7	42.4	35.1	33.0	37.
35 to 44 years	1,396	426	390	242	338	19.5	11.1	40.2	30.5	35.4	41.
45 to 54 years	818	236	210	181	191	20.9	12.8	40.0	28.8	37.7	45.
55 to 64 years	656	177	195	136	148	19.3	11.8	35.0	26.9	38.2	43.
65 years and over	74	22	20	21	11	19.0	11.1	47.9	(1)	36.1	(
Males, 16 years and over	6,211	2,858	1,655	1,000	1,198	16.4	8.6	46.8	38.0	29.4	35.
16 to 21 years	1,921	1,025	527	209	163	9.9	4.7	61.2	53.4	15.0	19.
16 to 19 years	1,306	765	386	114	80	8.4	4.3	66.2	58.6	12.1	14.
20 to 24 years	1,389	548	401	225	214	14.4	7.5	43.6	39.5	28.8	31.
25 to 34 years	1,809	573	472	313	451	19.3	11.0	39.0	31.7	35.9	42.
35 to 44 years	802	242	194	156	209	21.0	13.0	39.3	30.2	42.7	45.
45 to 54 years	467	115	116	98	139	24.2	15.4	35.0	24.6	43.0	50.
55 to 64 years	397	104	114	80	100	20.1	12.7	34.4	26.1	39.1	45.
65 years and over	42	10	12	13	6	18.9	13.0	(1)	(1)	(1)	(
Females, 16 years and over	4,675	2,185	1,288	634	568	12.4	5.9	53.5	46.7	21.7	25.
16 to 21 years	1,628	1,040	379	119	90	7.7	3.9	66.5	63.9	11.5	12.
16 to 19 years	1,110	754	238	72	45	6.8	3.7	72.0	68.0	8.8	10.
20 to 24 years	1,105	549	321	128	107	10.8	5.1	51.1	49.7	19.6	21.
25 to 34 years	1,225	492	350	201	182	14.3	7.9	46.5	40.2	29.3	31.
35 to 44 years	595	184	196	86	129	17.4	9.4	41.1	31.0	28.2	36.
45 to 54 years	350	121	94	83	52	16.5	10.0	45.8	34.5	31.5	38.
55 to 64 years	259	73	82	56	48	18.2	10.7	36.2	28.3	36.4	40.
65 years and over	32	12	8	8	4	19.1	10.2	(1)	(1)	(1)	(
White, 16 years and over	8,299	3,457	2,300	1,249	1,293	14.4	7.2	50.6	41.7	25.2	30.
Males	4,823	1,822	1,316	799	885	16.1	8.5	47.0	37.8	29.3	34.
Females	3,476	1,634	984	450	408	12.0	5.8	54.9	47.0	20.2	24.
Black and other, 16 years and over	2,587	1,086	643	385	473	15.9	7.5	47.9	42.0	27.7	33.
Males	1,388	535	339	201	313	17.6	9.0	46.1	38.6	29.7	37.
Females	1,199	550	304	184	160	13.8	6.0	49.7	45.9	25.6	28.
Males, 16 years and over											
Married, spouse present	2,462	771	685	451	556	18.3	10.7	35.8	31.3	39.8	40.
Widowed, divorced, or separated	672	198	162	117	193	22.7	13.5	33.2	29.6	45.6	46.
Single (never married)	3,077	1,388	808	432	449	13.6	6.2	55.9	45.1	20.2	28.
Females, 16 years and over											
Married, spouse present	1,757	695	548	269	250	13.8	7.7	48.7	39.6	26.1	29.
Widowed, divorced, or separated	878	337	246	160	165	16.5	9.2	42.6	35.3	29.4	37.
Single (never married)	2,040	1,182	495	210	153	9.5	4.3	61.5	58.0	15.3	17.

(1) Percent not shown where base is less than 75,000.

A-19. Unemployed persons by occupation, industry, and duration of unemployment

Occupation and industry	Thousands of persons					Average (mean) duration, in weeks	Median duration, in weeks	Less than 5 weeks as a percent of unemployed in group		15 weeks and over as a percent of unemployed in group	
	Total	Less than 5 weeks	5 to 14 weeks	15 to 26 weeks	27 weeks and over						
	June 1982							June 1981	June 1982	June 1981	June 1982
OCCUPATION											
White-collar workers	2,876	1,165	887	436	388	13.9	7.3	45.8	40.5	27.9	28.7
Professional and managerial	1,073	410	335	159	169	14.4	7.8	43.2	38.2	28.5	30.5
Sales workers	418	167	107	90	55	16.2	7.3	54.2	39.9	22.6	34.5
Clerical workers	1,385	588	445	198	155	12.6	7.3	47.5	42.4	28.0	25.3
Blue-collar workers	4,636	1,586	1,203	841	1,007	17.7	10.2	41.0	36.2	34.0	39.9
Craft and kindred workers	1,303	445	362	239	256	16.8	12.4	37.5	34.2	35.2	38.3
Operatives, except transport	1,918	633	502	373	411	17.3	10.5	40.1	33.0	35.4	40.8
Transport equipment operatives	469	161	114	82	112	20.2	10.1	38.9	34.3	34.9	41.4
Nonfarm laborers	946	346	225	147	228	18.7	9.7	47.3	36.6	33.0	39.4
Service workers	1,672	763	424	246	239	13.6	6.3	54.6	45.7	29.7	29.3
INDUSTRY[1]											
Agriculture	227	102	68	27	31	11.5	6.1	69.4	49.7	19.8	25.9
Construction	928	343	225	166	194	18.1	10.9	39.9	36.9	35.2	38.8
Manufacturing	2,731	901	682	530	618	18.3	10.9	37.6	33.0	37.6	42.0
Durable goods	1,735	523	431	344	437	19.5	12.2	37.7	33.1	39.8	45.3
Nondurable goods	996	378	251	186	181	16.2	9.1	37.4	32.8	34.7	36.4
Transportation and public utilities	410	130	129	73	79	18.3	9.5	41.0	31.6	26.7	37.0
Wholesale and retail trade	2,120	894	614	341	261	13.6	6.8	49.9	41.7	24.4	29.3
Finance and service industries	2,328	1,013	677	316	327	13.3	6.7	50.1	43.4	24.8	27.6
Public administration	271	100	68	39	65	17.3	9.7	51.8	36.7	28.0	38.1
No previous work experience	1,539	556	375	96	112	9.3	4.0	68.3	62.1	9.9	13.5

[1] Includes wage and salary workers only.

A-20. Employed persons by industry, age, and sex

(In thousands)

Industry and age	Total		Males		Females	
	June 1981	June 1982	June 1981	June 1982	June 1981	June 1982
All industries	101,419	100,681	58,464	57,382	42,955	43,120
16 to 19 years	8,025	7,755	4,333	4,073	3,692	3,681
16 to 17 years	3,201	2,674	1,759	1,578	1,441	1,296
18 to 19 years	4,825	4,481	2,574	2,296	2,251	2,185
20 to 24 years	13,868	13,125	7,427	7,585	6,441	6,610
25 to 54 years	64,394	64,628	37,555	37,329	26,840	27,300
25 to 34 years	28,122	27,922	16,395	16,335	11,727	11,887
35 to 44 years	19,995	20,653	11,626	11,963	8,369	8,689
45 to 54 years	16,278	16,054	9,534	9,320	6,744	6,726
55 to 64 years	11,558	11,184	6,932	6,795	4,627	4,567
55 to 59 years	7,139	7,133	4,292	4,178	2,891	2,835
60 to 64 years	4,424	4,199	2,689	2,617	1,735	1,732
65 years and over	2,973	3,011	1,817	1,855	1,156	1,158
Nonagricultural industries	97,588	96,868	55,443	54,337	42,145	42,530
16 to 19 years	7,692	6,938	3,995	3,422	3,697	3,397
16 to 17 years	2,904	2,587	1,581	1,338	1,392	1,249
18 to 19 years	4,538	4,231	2,334	2,084	2,204	2,147
20 to 24 years	13,452	13,009	7,405	7,188	6,547	6,500
25 to 54 years	62,537	62,891	35,959	35,852	26,378	27,040
25 to 34 years	27,375	27,084	15,814	15,582	11,562	11,701
35 to 44 years	19,405	20,275	11,206	11,585	8,199	8,729
45 to 54 years	15,757	15,534	8,940	8,925	6,818	6,609
55 to 64 years	11,030	10,666	6,316	6,197	4,714	4,471
55 to 59 years	6,835	6,794	3,917	3,962	2,918	2,782
60 to 64 years	4,194	4,126	2,499	2,435	1,695	1,689
65 years and over	2,928	2,980	1,918	1,957	1,110	1,123
Agriculture	3,831	3,816	3,021	3,026	810	791
16 to 19 years	584	536	488	452	95	85
16 to 17 years	297	287	249	240	49	47
18 to 19 years	287	250	240	212	46	38
20 to 24 years	516	516	422	407	94	110
25 to 54 years	1,857	1,936	1,395	1,472	462	465
25 to 34 years	747	849	581	653	165	196
35 to 44 years	593	578	423	418	170	160
45 to 54 years	521	520	395	401	126	118
55 to 64 years	528	494	415	398	113	96
55 to 59 years	298	270	225	216	73	53
60 to 64 years	230	225	193	181	40	43
65 years and over	346	333	299	298	46	35

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A-21. Employed persons by occupation, sex, and age

(In thousands)

Occupation	Total		Males, 20 years and over		Females, 20 years and over		Males, 16-19 years		Females, 16-19 years	
	June 1981	June 1982	June 1981	June 1982	June 1981	June 1982	June 1981	June 1982	June 1981	June 1982
TOTAL	101,419	100,683	54,130	53,489	39,263	39,839	4,333	3,873	3,692	3,4
White-collar workers	52,490	53,124	23,777	23,956	26,086	26,782	690	636	1,977	1,7
Professional and technical	15,960	16,593	8,873	9,232	6,888	7,200	88	92	111	
Health workers	3,057	3,237	931	1,052	2,100	2,176	2	3	22	
Teachers, except college	2,841	2,977	866	887	1,961	2,076	2	5	11	
Other professional and technical	10,062	10,379	7,076	7,293	2,827	2,948	84	84	78	
Managers and administrators, except farm	11,362	11,458	8,189	8,103	3,056	3,259	53	59	63	
Salaried workers	9,431	9,575	6,726	6,722	2,562	2,763	52	58	63	
Self-employed workers in retail trade	852	858	549	539	299	317	3	--	1	
Self-employed workers, except retail trade	1,108	1,024	914	842	196	178	--	2	--	
Sales workers	6,540	6,573	3,360	3,315	2,524	2,544	236	252	420	4
Retail trade	3,333	3,275	1,099	1,020	1,689	1,643	170	188	372	4
Other industries	3,213	3,298	2,261	2,296	834	901	67	64	48	
Clerical workers	18,628	18,500	3,355	3,306	13,578	13,779	313	232	1,382	1,1
Stenographers, typists, and secretaries	5,079	4,778	73	52	4,637	4,465	10	9	359	2
Other clerical workers	13,549	13,722	3,282	3,254	8,941	9,314	303	223	1,023	9
Blue-collar workers	32,475	30,598	24,204	23,074	5,655	5,317	2,283	1,885	333	3
Craft and kindred workers	13,011	12,451	11,727	11,198	803	819	448	398	34	
Carpenters	1,191	1,113	1,102	1,032	20	15	64	65	5	
Construction craft workers, except carpenters	2,653	2,681	2,474	2,499	44	47	128	128	7	
Mechanics and repairers	3,522	3,372	3,300	3,191	76	59	145	120	--	
Metal craft workers	1,325	1,193	1,249	1,147	53	26	20	20	--	
Blue-collar worker supervisors, not elsewhere classified	1,851	1,849	1,633	1,643	210	202	6	3	2	
All other	2,471	2,444	1,974	1,887	400	470	77	61	19	
Operatives, except transport	10,793	9,732	5,954	5,392	4,078	3,766	584	399	182	1
Durable goods manufacturing	4,788	4,056	3,017	2,529	1,552	1,401	164	86	55	
Nondurable goods manufacturing	3,405	3,176	1,335	1,265	1,870	1,760	115	62	85	
Other industries	2,600	2,502	1,602	1,597	652	605	305	253	42	
Transport equipment operatives	3,519	3,438	3,091	3,047	271	255	144	123	12	
Drivers, motor vehicles	2,963	2,970	2,585	2,615	245	236	120	107	13	
All other	556	468	506	432	26	20	24	15	--	
Nonfarm laborers	5,151	4,978	3,432	3,436	507	477	1,107	966	105	
Construction	943	826	761	671	16	15	163	135	3	
Manufacturing	1,137	894	841	692	143	136	113	57	5	
Other industries	3,131	3,258	1,830	2,073	342	327	832	773	97	
Service workers	13,356	13,934	4,041	4,382	7,011	7,216	985	984	1,320	1,3
Private household workers	1,030	1,028	28	15	779	752	11	9	212	2
Service workers, except private household	12,327	12,905	4,013	4,367	6,232	6,464	974	975	1,107	1,1
Food service workers	4,675	4,881	957	1,031	2,341	2,451	637	619	740	7
Protective service workers	1,451	1,550	1,283	1,364	137	154	25	30	6	
All other	6,201	6,474	1,773	1,972	3,754	3,859	312	326	361	3
Farm workers	3,098	3,027	2,108	2,078	551	523	375	368	63	
Farmers and farm managers	1,527	1,531	1,306	1,314	193	190	24	25	4	
Farm laborers and supervisors	1,571	1,496	802	764	359	333	351	343	60	
Paid workers	1,226	1,176	755	729	170	148	266	269	35	
Unpaid family workers	345	319	48	35	188	186	85	79	24	

A-22. Employed persons by occupation, race, and sex

(Percent distribution)

Occupation and race	Total		Males		Females	
	June 1981	June 1982	June 1981	June 1982	June 1981	June 1982
TOTAL						
Total, 16 years and over (thousands)	101,419	100,683	58,464	57,362	42,955	43,320
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	51.8	52.8	41.9	42.9	65.2	65.9
Professional and technical	15.7	16.5	15.3	16.3	16.3	16.8
Managers and administrators, except farm	11.2	11.4	14.1	14.2	7.3	7.6
Sales workers	6.4	6.5	6.2	6.2	6.9	6.9
Clerical workers	18.4	18.4	5.3	6.2	34.8	34.5
Blue-collar workers	32.8	30.4	45.3	43.5	13.9	13.0
Craft and kindred workers	12.8	12.4	20.8	20.2	1.9	2.0
Operatives, except transport	10.6	9.7	11.2	10.1	9.9	9.1
Transport equipment operatives	3.5	3.4	5.5	5.5	.7	.6
Nonfarm laborers	5.1	4.9	7.8	7.7	1.4	1.3
Service workers	13.2	13.8	8.6	9.4	19.4	19.8
Private household workers	1.0	1.0	.1	(1)	2.3	2.3
Other service workers	12.2	12.8	8.5	9.3	17.1	17.5
Farm workers	3.1	3.0	4.2	4.3	1.4	1.3
Farmers and farm managers	1.5	1.5	2.3	2.3	.5	.4
Farm laborers and supervisors	1.5	1.5	2.0	1.9	1.0	.9
White						
Total, 16 years and over (thousands)	89,720	89,068	52,363	51,341	37,356	37,727
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	53.2	54.2	43.2	44.3	67.2	67.8
Professional and technical	16.0	16.8	15.6	15.7	16.4	16.9
Managers and administrators, except farm	12.0	12.2	14.9	15.1	7.8	8.1
Sales workers	6.9	7.0	6.4	6.6	7.4	7.5
Clerical workers	18.3	18.3	6.0	5.9	35.6	35.3
Blue-collar workers	31.6	30.0	44.7	42.9	13.3	12.4
Craft and kindred workers	13.3	12.9	21.3	20.8	2.0	2.1
Operatives, except transport	10.1	9.2	10.7	9.7	9.3	8.5
Transport equipment operatives	3.3	3.3	5.2	5.2	.7	.6
Nonfarm laborers	4.9	4.7	7.4	7.2	1.4	1.3
Service workers	12.0	12.6	7.7	8.4	17.9	18.4
Private household workers	.7	.8	.1	(1)	1.7	1.9
Other service workers	11.2	11.8	7.7	8.3	16.2	16.5
Farm workers	3.2	3.2	4.4	4.4	1.5	1.4
Farmers and farm managers	1.7	1.7	2.5	2.6	.5	.5
Farm laborers and supervisors	1.6	1.5	1.9	1.9	1.0	.9
Black and other						
Total, 16 years and over (thousands)	11,699	11,614	6,103	6,021	5,599	5,594
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	40.7	41.7	30.4	31.1	52.3	53.0
Professional and technical	14.1	14.3	12.6	12.5	15.6	16.2
Managers and administrators, except farm	5.3	5.5	6.9	6.8	3.6	4.0
Sales workers	2.8	3.2	2.6	3.1	3.0	3.3
Clerical workers	18.5	18.7	8.3	8.6	29.7	29.6
Blue-collar workers	35.0	33.3	50.7	48.4	17.9	17.0
Craft and kindred workers	9.3	8.3	16.4	14.9	1.6	1.2
Operatives, except transport	14.6	13.6	15.0	13.9	14.2	13.3
Transport equipment operatives	4.5	4.5	8.0	8.1	.7	.8
Nonfarm laborers	6.6	6.9	11.3	11.6	1.4	1.8
Service workers	22.5	23.3	16.2	17.8	29.3	29.1
Private household workers	3.1	2.4	.2	.1	6.2	5.0
Other service workers	19.4	20.8	16.0	17.7	23.1	24.2
Farm workers	1.8	1.8	2.7	2.7	.7	.8
Farmers and farm managers	.2	.2	.5	.4	(1)	.1
Farm laborers and supervisors	1.5	1.5	2.2	2.3	.7	.8

[1] Less than 0.05 percent.

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A-23. Employed persons by age, sex, and class of worker

[In thousands]

Age and sex	June 1982								
	Nonagricultural industries						Agriculture		
	Wage and salary workers				Self employed	Unpaid family workers	Wage and salary workers	Self employed	Unpaid family workers
	Total	Private household workers	Government	Other					
Total, 16 years and over	89,108	1,261	15,260	72,587	7,334	424	1,710	1,768	338
16 to 19 years	6,665	388	391	5,886	101	52	379	59	98
16 to 17 years	2,517	248	114	2,155	35	36	192	32	63
18 to 19 years	4,149	140	278	3,731	67	16	187	27	35
20 to 24 years	13,206	121	1,300	11,784	365	38	378	104	34
25 to 34 years	25,279	153	4,229	20,897	1,731	73	418	361	60
35 to 44 years	18,344	136	3,797	14,412	1,843	88	239	281	58
45 to 54 years	13,897	151	3,062	10,684	1,539	98	145	340	35
55 to 64 years	9,636	172	2,134	7,330	1,175	57	103	353	39
55 to 59 years	6,027	94	1,333	4,601	676	41	54	195	21
60 to 64 years	3,608	78	802	2,729	499	17	49	158	17
65 years and over	2,081	140	346	1,596	581	18	49	269	15
Males, 16 years and over	49,202	261	7,570	41,371	5,073	62	1,365	1,596	115
16 to 19 years	3,330	135	199	2,996	62	29	318	55	78
16 to 17 years	1,293	71	62	1,160	20	24	159	30	50
18 to 19 years	2,037	64	137	1,836	42	5	158	26	28
20 to 24 years	6,854	27	551	6,276	243	11	292	96	18
25 to 34 years	14,202	26	2,063	12,112	1,171	9	327	316	9
35 to 44 years	10,284	24	1,889	8,372	1,257	4	185	229	3
45 to 54 years	7,860	10	1,592	6,258	1,363	1	121	279	1
55 to 64 years	5,511	9	1,068	4,434	881	5	77	320	1
55 to 59 years	3,454	4	658	2,792	503	4	40	176	--
60 to 64 years	2,057	5	409	1,642	378	1	36	144	1
65 years and over	1,161	30	209	922	394	2	45	249	4
Females, 16 years and over	39,906	1,000	7,689	31,217	2,262	362	345	223	224
16 to 19 years	3,335	253	193	2,889	39	22	61	4	20
16 to 17 years	1,223	177	52	994	14	12	33	2	13
18 to 19 years	2,112	76	140	1,895	25	11	29	2	7
20 to 24 years	6,352	94	749	5,508	121	27	86	8	16
25 to 34 years	11,077	127	2,166	8,784	563	64	90	45	51
35 to 44 years	8,060	112	1,908	6,040	585	84	53	52	55
45 to 54 years	6,037	141	1,471	4,425	476	96	24	61	33
55 to 64 years	4,125	162	1,067	2,896	299	52	26	33	37
55 to 59 years	2,573	90	675	1,809	172	37	13	18	21
60 to 64 years	1,552	73	392	1,087	121	16	13	14	16
65 years and over	920	110	136	674	186	16	3	20	11

A-24. Employed persons by industry and occupation

[In thousands]

Industry	June 1982											
		White-collar workers				Blue-collar workers				Service workers		
	Total employed	Professional and technical workers	Managers and administrators, except farm	Sales workers	Clerical workers	Craft and kindred workers	Operatives, except transport	Transport equipment operatives	Nonfarm laborers	Private household workers	Other service workers	Farm workers
Agriculture	3,816	130	33	11	85	78	16	39	413	--	8	3,021
Mining	1,061	221	125	4	123	219	294	48	16	--	10	--
Construction	6,082	202	753	27	493	3,321	253	176	826	--	32	--
Manufacturing	20,468	2,586	1,654	549	2,558	3,914	7,230	679	994	--	403	--
Durable goods	11,944	1,759	976	187	1,493	2,464	4,054	295	520	--	203	--
Nondurable goods	8,523	832	680	362	1,065	1,451	3,176	383	374	--	200	--
Transportation and public utilities	6,633	674	749	138	1,484	1,380	171	1,412	472	--	182	--
Wholesale and retail trade	21,084	469	3,987	4,289	3,730	1,487	904	810	1,277	--	4,131	--
Wholesale trade	4,219	159	923	1,014	834	381	193	407	278	--	30	--
Retail trade	16,864	313	3,064	3,275	2,896	1,106	711	403	998	--	4,101	--
Finance, insurance, and real estate	6,197	426	1,212	1,320	2,719	109	6	12	112	--	281	--
Services	29,969	10,851	2,247	259	5,480	1,656	793	212	792	1,028	6,692	--
Private households	1,351	9	--	--	10	15	7	4	235	1,028	42	--
Other service industries	28,618	10,842	2,247	259	5,433	1,640	786	208	557	--	6,650	--
Public administration	5,372	1,065	691	5	1,868	286	65	49	176	--	1,166	--

A-25. Employed persons with a job but not at work by reason, sex, and pay status

(In thousands)

Reason not working and sex	All industries		Nonagricultural industries					
			Total		Wage and salary workers[1]			
					Paid absences[2]		Unpaid absences[2]	
	June 1981	June 1982	June 1981	June 1982	June 1981	June 1982	June 1981	June 1982
Total, 16 years and over	6,889	6,373	6,763	6,257	3,567	3,517	2,611	2,204
Vacation	4,402	4,058	4,363	4,335	2,783	2,748	1,320	1,053
Illness	1,302	1,285	1,275	1,261	538	568	638	587
Bad weather	106	79	66	65	--	--	--	--
Industrial dispute	98	37	98	37	--	--	--	--
All other reasons[3]	982	914	961	888	246	201	654	564
Males, 16 years and over	3,249	3,103	3,155	3,020	1,863	1,874	967	854
Vacation	1,921	1,865	1,889	1,847	1,411	1,434	341	304
Illness	744	710	730	695	330	347	337	293
All other reasons[3]	584	529	536	478	122	92	289	257
Females, 16 years and over	3,640	3,271	3,608	3,247	1,704	1,642	1,644	1,350
Vacation	2,481	2,193	2,474	2,188	1,372	1,312	979	749
Illness	558	576	546	566	208	221	300	293
All other reasons[3]	602	501	589	492	123	109	365	308

[1] Excludes private household workers.

[2] Pay status not available separately for bad weather and industrial dispute; these categories are included in "all other reasons."

[3] Includes bad weather and industrial dispute, not shown separately.

NOTE: Estimates for "all other reasons" by pay status may be biased because of high response variance; data should be used with caution.

A-26. Persons at work by hours of work and industry

Hours of work	June 1982					
	Thousands of persons			Percent distribution		
	All industries	Nonagricultural industries	Agriculture	All industries	Nonagricultural industries	Agriculture
Total, 16 years and over	94,309	90,599	3,710	100.0	100.0	100.0
1-34 hours	23,538	22,491	1,045	25.0	24.8	28.2
1-4 hours	746	694	52	.8	.8	1.4
5-14 hours	4,152	3,882	270	4.4	4.3	7.3
15-29 hours	11,531	11,062	468	12.2	12.2	12.6
30-34 hours	7,109	6,853	255	7.5	7.6	6.9
35 hours and over	70,772	68,109	2,664	75.0	75.2	71.8
35-39 hours	6,995	6,846	149	7.4	7.6	4.0
40 hours	41,384	40,798	587	43.9	45.0	15.8
41 hours and over	22,393	20,465	1,928	23.7	22.6	52.0
41 to 48 hours	8,370	8,139	231	8.9	9.0	6.2
49 to 59 hours	7,535	7,062	473	8.0	7.8	12.8
60 hours and over	6,488	5,264	1,224	6.9	5.8	33.0
Average hours, total at work	38.5	38.1	47.0	--	--	--
Average hours, workers on full-time schedules	43.0	42.5	55.6	--	--	--

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A-27. Persons at work 1 to 34 hours by reason for working less than 35 hours and usual status

[Numbers in thousands]

Reason for working less than 35 hours	June 1982					
	All industries			Nonagricultural industries		
	Total	Usually work full time	Usually work part time	Total	Usually work full time	Usually work part time
Total, 16 years and over	23,538	7,361	16,176	22,491	7,075	15,
Economic reasons	6,746	2,472	4,274	6,415	2,376	4,
Slack work	3,299	1,989	1,310	3,125	1,914	1,
Material shortages or repairs to plant and equipment	73	73	--	69	69	
New job started during week	286	286	--	277	277	
Job terminated during week	125	125	--	117	117	
Could find only part time work	2,965	--	2,965	2,829	--	2,
Other reasons	16,792	4,891	11,901	16,077	4,700	11,
Does not want, or unavailable for, full time work	9,685	--	9,685	9,304	--	9,
Vacation	1,615	1,615	--	1,598	1,598	
Illness	1,414	1,232	182	1,373	1,214	
Bad weather	362	362	--	252	252	
Industrial dispute	11	11	--	11	11	
Legal or religious holiday	196	196	--	191	191	
Full time for this job	1,520	--	1,520	1,447	--	1,
All other reasons	1,989	1,474	515	1,903	1,435	
Average hours						
Economic reasons	21.7	24.8	19.9	21.8	24.9	2
Other reasons	21.4	26.3	19.4	21.5	26.4	1
Worked 30 to 34 hours						
Economic reasons	2,092	1,152	940	2,015	1,111	
Other reasons	5,017	2,739	2,309	4,838	2,635	2,

A-28. Nonagricultural workers by industry and full- or part-time status

[Numbers in thousands]

Industry	June 1982							
	Full- or part-time status						Average hours, total at work	Av...
	Total at work	On part time for economic reasons	On voluntary part time	On full time schedules				
				Total	40 hours or less	41 to 48 hours	49 hours or more	
Total, 16 years and over [1]	90,599	5,415	11,377	72,807	52,342	8,139	12,326	38.1
Wage and salary workers	83,350	5,735	10,046	67,569	49,994	7,566	10,009	37.9
Construction	4,635	443	169	4,023	3,016	431	576	39.8
Manufacturing	18,975	1,066	558	17,351	13,103	2,203	2,045	40.2
Durable goods	11,062	498	223	10,341	8,009	1,198	1,134	40.4
Nondurable goods	7,914	568	336	7,010	5,094	1,005	911	39.8
Transportation and public utilities	5,801	211	288	5,302	3,882	542	878	40.9
Wholesale and retail trade	18,151	1,969	3,867	12,315	8,269	1,720	2,331	35.8
Finance, insurance, and real estate	5,467	148	446	4,873	3,818	481	574	38.7
Service industries	24,292	1,731	4,410	18,151	13,763	1,628	2,760	36.8
Private households	1,224	304	519	401	270	34	97	23.9
All other industries	23,068	1,427	3,891	17,750	13,493	1,594	2,663	36.6
Public administration	5,073	114	298	4,658	3,626	446	586	40.0
Self-employed workers	6,825	655	1,174	4,996	2,208	556	2,232	40.4
Unpaid family workers	424	25	158	241	140	17	84	35.7

[1] Includes mining, not shown separately.

A-29. Persons at work in nonagricultural industries by sex, age, race, marital status, and full- or part-time status

(Numbers in thousands)

Sex, age, race, and marital status	June 1982							
	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules			Average hours, total at work	Average hours, workers on full-time schedules
				Total	40 hours or less	41 hours or more		
TOTAL								
Both sexes, 16 years and over	90,589	5,415	11,377	72,807	52,342	20,465	38.1	42.5
16 to 21 years	11,375	1,918	3,337	6,120	4,889	1,231	30.7	40.8
16 to 19 years	6,528	1,288	2,620	2,620	2,142	478	26.9	40.4
16 to 17 years	2,459	492	1,497	470	371	99	20.6	39.6
18 to 19 years	4,069	797	1,123	2,149	1,769	380	30.8	40.5
20 years and over	84,071	5,126	8,757	70,188	50,202	19,986	39.0	42.5
20 to 24 years	12,928	1,338	1,455	10,135	7,786	2,349	37.2	41.8
25 years and over	71,143	3,788	7,303	60,052	42,415	17,637	39.3	42.8
25 to 44 years	44,255	2,370	3,801	34,084	26,521	11,563	39.8	42.9
45 to 64 years	24,413	1,278	2,378	20,757	15,063	5,694	39.2	42.5
65 years and over	2,476	138	1,123	1,215	835	380	29.9	43.0
Males, 16 years and over	51,317	3,144	3,240	44,933	29,450	15,483	40.9	43.8
16 to 21 years	5,796	935	1,514	3,347	2,521	826	32.1	41.9
16 to 19 years	3,278	631	1,217	1,430	1,115	315	27.9	41.3
16 to 17 years	1,270	265	724	281	224	57	21.5	40.1
18 to 19 years	2,008	367	493	1,148	889	259	32.0	41.6
20 years and over	45,038	2,513	2,023	33,502	29,335	15,167	41.7	43.8
20 to 24 years	6,820	668	516	5,636	3,986	1,650	39.0	42.5
25 years and over	41,219	1,847	1,508	37,864	24,348	13,516	42.1	44.0
25 to 44 years	25,472	1,142	965	23,865	14,996	8,869	42.9	44.3
45 to 64 years	14,294	628	429	13,237	8,859	4,378	42.0	43.6
65 years and over	1,453	75	614	764	494	270	31.0	43.5
Females, 16 years and over	39,283	3,271	8,137	27,875	22,893	4,982	34.5	40.4
16 to 21 years	5,579	983	1,824	2,772	2,365	407	29.2	39.6
16 to 19 years	3,250	657	1,403	1,190	1,027	163	25.9	39.3
16 to 17 years	1,189	226	773	190	149	41	19.6	38.9
18 to 19 years	2,061	430	630	1,001	879	122	29.6	39.4
20 years and over	36,033	2,614	6,734	26,685	21,867	4,818	35.3	40.4
20 to 24 years	6,108	672	939	4,497	3,798	699	35.1	40.0
25 years and over	29,924	1,943	5,795	22,186	18,066	4,120	35.3	40.5
25 to 44 years	18,783	1,230	3,337	14,216	11,521	2,695	35.7	40.5
45 to 64 years	10,119	650	1,950	7,519	6,204	1,315	35.4	40.5
65 years and over	1,023	64	509	450	341	109	28.3	42.1
RACE								
White	80,083	5,420	10,463	64,160	45,133	19,027	38.2	42.7
Males	45,858	2,694	2,933	40,231	25,772	14,459	41.1	44.0
Females	34,185	2,725	7,530	23,930	19,361	4,569	34.4	40.5
Black and other	10,556	995	914	8,647	7,209	1,438	37.4	41.0
Males	5,458	450	307	4,701	3,677	1,024	39.0	41.9
Females	5,098	546	607	3,945	3,532	413	35.7	39.9
MARITAL STATUS								
Males, 16 years and over								
Married, spouse present	34,365	1,409	1,121	31,835	20,173	11,662	42.5	44.1
Widowed, divorced, or separated	4,407	297	232	3,878	2,541	1,337	41.3	44.1
Single (never married)	12,544	1,438	1,887	9,219	6,737	2,482	36.2	42.3
Females, 16 years and over								
Married, spouse present	21,204	1,397	4,926	14,881	12,427	2,454	34.2	40.1
Widowed, divorced, or separated	7,703	597	978	6,128	4,802	1,326	37.0	41.0
Single (never married)	10,376	1,277	2,233	6,866	5,663	1,203	33.4	40.4

HOUSEHOLD DATA

A-30. Persons at work in nonfarm occupations by sex and full- or part-time status

[Numbers in thousands]

Occupation and sex	June 1982							
	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules			Average hours, total at work	Average hours, workers on full time
				Total	40 hours or less	41 to 48 hours	49 hours or more	
Total, 16 years and over	91,352	6,507	11,501	73,344	52,622	8,199	12,523	38.1
White-collar workers	49,520	1,955	6,309	41,255	28,923	4,400	7,933	38.9
Professional and technical	14,940	438	1,551	12,951	9,029	1,367	2,555	39.5
Managers and administrators, except farm	10,914	194	474	10,246	5,525	1,246	3,475	44.5
Sales workers	6,234	419	1,377	4,438	2,786	506	1,146	36.7
Clerical workers	17,431	902	2,908	13,621	11,583	1,281	757	35.7
Blue-collar workers	26,778	2,688	1,742	24,349	17,789	3,032	3,527	39.1
Craft and kindred workers	11,731	782	409	10,540	7,539	1,400	1,601	40.3
Operatives, except transport	9,191	899	419	7,873	6,202	905	766	38.8
Transport equipment operatives	3,100	243	204	2,653	1,536	368	749	41.9
Nonfarm laborers	4,756	764	710	3,282	2,512	358	412	34.6
Service workers	13,054	1,864	3,450	7,740	5,910	767	1,063	32.9
Private household	993	197	429	367	234	34	99	25.8
Other service workers	12,061	1,667	3,021	7,373	5,677	733	963	33.5
Males, 16 years and over	51,871	3,219	3,307	45,345	29,641	5,606	10,098	40.9
White-collar workers	23,313	599	1,219	21,496	12,710	2,506	6,180	42.9
Professional and technical	8,737	216	404	8,117	5,200	921	1,996	42.2
Managers and administrators, except farm	7,809	135	201	7,473	3,642	918	2,913	46.1
Sales workers	3,428	130	328	2,970	1,630	385	955	41.7
Clerical workers	3,339	117	285	2,937	2,240	381	316	39.0
Blue-collar workers	23,479	2,076	1,235	20,168	14,298	2,613	3,257	39.6
Craft and kindred workers	10,930	735	315	9,880	7,013	1,341	1,526	40.5
Operatives, except transport	5,453	433	193	4,827	3,603	502	622	40.0
Transport equipment operatives	2,891	218	134	2,539	1,461	355	723	42.6
Nonfarm laborers	4,205	690	593	2,922	2,222	315	385	34.8
Service workers	5,079	544	854	3,681	2,633	387	661	36.8
Private household	28	2	8	14	9	--	5	31.4
Other service workers	5,055	542	846	3,667	2,623	387	657	36.8
Females, 16 years and over	39,481	3,289	8,194	27,998	22,979	2,594	2,425	34.5
White-collar workers	26,207	1,356	5,091	19,760	16,211	1,795	1,754	35.3
Professional and technical	6,203	222	1,148	4,833	3,829	446	558	35.7
Managers and administrators, except farm	3,106	60	272	2,774	1,883	328	563	40.9
Sales workers	2,807	289	1,048	1,470	1,157	122	191	30.5
Clerical workers	14,092	786	2,623	10,683	9,342	900	441	34.9
Blue-collar workers	3,299	613	507	4,179	3,489	419	271	36.6
Craft and kindred workers	801	48	94	659	524	60	75	37.5
Operatives, except transport	3,738	466	226	3,046	2,599	303	144	37.2
Transport equipment operatives	209	25	70	114	74	14	26	32.1
Nonfarm laborers	551	74	118	359	290	43	25	33.3
Service workers	7,975	1,320	2,596	4,059	3,279	380	400	30.5
Private household	965	194	421	359	226	34	94	25.7
Other service workers	7,006	1,125	2,175	3,706	3,054	346	306	31.1

A-31. Employment status of 14- and 15-year-olds by sex and race

(Numbers in thousands)

Employment status	June 1982								
	Total			White			Black and other		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Civilian noninstitutional population	7,155	3,643	3,512	5,903	3,016	2,887	1,252	627	626
Civilian labor force	1,753	1,007	746	1,606	922	684	147	85	63
Employed	1,332	743	589	1,278	718	560	54	25	29
Agriculture	195	161	33	188	158	30	7	3	3
Nonagricultural industries	1,137	582	555	1,090	560	530	47	22	26
Unemployed	422	264	158	328	204	124	94	60	34
Unemployment rate	24.1	26.2	21.2	20.4	22.1	18.1	64.0	70.6	(1)
Not in labor force	5,402	2,636	2,766	4,297	2,094	2,203	1,105	542	563
Keeping house	190	23	167	157	19	138	33	4	29
Going to school	3,071	1,542	1,528	2,372	1,178	1,194	699	364	335
Unable to work	12	7	5	10	6	4	2	1	1
All other reasons	2,129	1,063	1,065	1,758	891	867	371	172	199

[1] Percent not shown where base is less than 75,000.

A-32. Employed 14- and 15-year-olds by class of worker, occupation, and sex

Class of worker and occupation	June 1982					
	Thousands of persons			Percent distribution		
	Both sexes	Males	Females	Both sexes	Males	Females
CLASS OF WORKER						
Total	1,332	743	589	100.0	100.0	100.0
Nonagricultural industries	1,137	582	555	85.4	78.3	94.4
Wage and salary workers	1,024	498	526	76.9	67.0	89.5
Private household workers	485	154	331	36.4	20.7	56.3
Government workers	47	29	18	3.5	3.9	3.1
Other wage and salary workers	492	315	177	37.0	42.4	30.1
Self-employed workers	88	69	19	6.6	9.3	3.2
Unpaid family workers	25	15	10	1.9	2.0	1.7
Agriculture	195	161	33	14.7	21.7	5.6
Wage and salary workers	96	81	15	7.2	10.9	2.6
Self-employed workers	31	29	2	2.3	3.9	.3
Unpaid family workers	67	51	16	5.0	6.9	2.7
OCCUPATION						
Total	1,332	743	589	100.0	100.0	100.0
White-collar workers	268	174	94	20.1	23.5	15.9
Professional and technical	17	9	8	1.3	1.2	1.4
Managers and administrators, except farm	1	--	2	.1	--	.3
Sales workers	184	138	46	13.8	18.6	7.8
Clerical workers	66	27	39	5.0	3.6	6.6
Blue-collar workers	347	319	28	26.1	43.0	4.7
Craft and kindred workers	21	18	3	1.6	2.4	.5
Operatives, except transport	19	15	3	1.4	2.0	.5
Transport equipment operatives	6	6	--	.5	.8	--
Nonfarm laborers	301	279	22	22.6	37.7	3.7
Service workers	567	129	438	42.6	17.4	74.2
Private household workers	343	18	325	25.8	2.4	55.1
Other service workers	224	110	114	16.8	14.8	19.3
Farm workers	150	122	28	11.3	16.5	4.7
Farmers and farm managers	3	1	2	.2	.1	.3
Farm laborers and supervisors	147	120	26	11.0	16.2	4.4

HOUSEHOLD DATA
SEASONALLY ADJUSTED

A-33. Employment status of the noninstitutional population by sex and age, seasonally adjusted

(Numbers in thousands)

Employment status, sex, and age	1981							1982					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	Jun
TOTAL													
Total noninstitutional population [1]	172,172	172,385	172,559	172,758	172,966	173,155	173,330	173,495	173,657	173,843	174,020	174,201	174,
Armed Forces [1]	2,131	2,139	2,160	2,165	2,158	2,158	2,164	2,159	2,168	2,175	2,176	2,175	2,
Civilian noninstitutional population [1]	170,042	170,246	170,399	170,593	170,809	170,996	171,166	171,335	171,489	171,667	171,844	172,026	172,
Civilian labor force	108,434	108,688	108,818	108,494	109,012	109,272	109,184	108,879	109,165	109,346	109,648	110,666	110,
Percent of civilian population	63.8	63.8	63.9	63.6	63.8	63.9	63.8	63.5	63.7	63.7	63.8	64.3	
Employed	100,430	100,864	100,840	100,258	100,343	100,172	99,613	99,581	99,590	99,492	99,340	100,117	99,
Percent of total population	58.3	58.5	58.4	58.0	58.0	57.9	57.5	57.4	57.3	57.2	57.1	57.5	
Agriculture	3,348	3,342	3,404	3,358	3,378	3,372	3,209	3,411	3,373	3,349	3,309	3,488	3
Nonagricultural industries	97,082	97,522	97,436	96,900	96,965	96,800	96,404	96,170	96,217	96,144	96,032	96,629	96
Unemployed	8,004	7,824	7,978	8,236	8,669	9,100	9,571	9,298	9,575	9,854	10,307	10,549	10
Unemployment rate	7.4	7.2	7.3	7.6	8.0	8.3	8.8	8.5	8.8	9.0	9.4	9.5	
Not in labor force	61,608	61,558	61,581	62,099	61,797	61,724	61,982	62,456	62,324	62,321	62,197	61,360	61
Males, 20 years and over													
Total noninstitutional population [1]	74,045	74,164	74,268	74,382	74,502	74,610	74,714	74,810	74,906	75,015	75,121	75,227	75
Civilian noninstitutional population [1]	72,359	72,472	72,559	72,670	72,795	72,921	73,020	73,120	73,209	73,287	73,392	73,499	73
Civilian labor force	57,094	57,172	57,250	57,262	57,355	57,459	57,665	57,368	57,448	57,554	57,730	58,164	58
Percent of civilian population	78.9	78.9	78.9	78.8	78.8	78.8	79.0	78.5	78.5	78.5	78.7	79.1	
Employed	53,597	53,874	53,791	53,693	53,504	53,354	53,122	53,047	53,097	53,006	52,988	53,260	52
Percent of total population	72.4	72.6	72.4	72.2	71.8	71.5	71.1	70.9	70.9	70.7	70.5	70.8	
Agriculture	2,379	2,383	2,422	2,383	2,413	2,382	2,311	2,393	2,386	2,377	2,382	2,464	2
Nonagricultural industries	51,218	51,491	51,369	51,310	51,091	50,972	50,811	50,657	50,711	50,629	50,606	50,796	50
Unemployed	3,497	3,298	3,459	3,569	3,851	4,105	4,543	4,322	4,351	4,548	4,742	4,904	5
Unemployment rate	6.1	5.8	6.0	6.2	6.7	7.1	7.9	7.5	7.6	7.9	8.2	8.4	
Not in labor force	15,265	15,300	15,309	15,408	15,440	15,462	15,355	15,752	15,761	15,733	15,662	15,335	15
Females, 20 years and over													
Total noninstitutional population [1]	81,583	81,711	81,822	81,946	82,074	82,193	82,306	82,415	82,523	82,640	82,753	82,868	82
Civilian noninstitutional population [1]	81,434	81,561	81,671	81,792	81,920	82,038	82,151	82,260	82,367	82,478	82,591	82,707	82
Civilian labor force	42,581	42,682	42,666	42,344	42,831	42,987	42,888	42,868	43,031	43,243	43,301	43,683	43
Percent of civilian population	52.3	52.3	52.2	51.8	52.3	52.4	52.2	52.1	52.2	52.4	52.4	52.8	
Employed	39,757	39,810	39,841	39,426	39,814	39,878	39,713	39,764	39,744	39,807	39,715	40,075	40
Percent of total population	48.7	48.7	48.7	48.1	48.5	48.5	48.3	48.2	48.2	48.2	48.0	48.4	
Agriculture	585	590	609	608	596	635	572	649	628	636	601	634	
Nonagricultural industries	39,172	39,220	39,232	38,818	39,218	39,243	39,141	39,115	39,116	39,172	39,114	39,441	39
Unemployed	2,824	2,872	2,825	2,918	3,017	3,109	3,175	3,104	3,286	3,435	3,586	3,608	3
Unemployment rate	6.6	6.7	6.6	6.9	7.0	7.2	7.4	7.2	7.6	7.9	8.3	8.3	
Not in labor force	38,853	38,879	39,005	39,448	39,089	39,051	39,263	39,392	39,336	39,235	39,290	39,024	38
Both sexes, 16-19 years													
Total noninstitutional population [1]	16,544	16,510	16,469	16,429	16,390	16,351	16,313	16,269	16,228	16,188	16,146	16,106	16
Civilian noninstitutional population [1]	16,249	16,213	16,169	16,131	16,093	16,037	15,995	15,955	15,913	15,902	15,861	15,820	15
Civilian labor force	8,759	8,834	8,902	8,888	8,826	8,826	8,631	8,643	8,686	8,549	8,616	8,819	
Percent of civilian population	53.9	54.5	55.1	55.1	54.8	55.0	54.0	54.2	54.6	53.8	54.3	55.7	
Employed	7,076	7,180	7,208	7,139	7,025	6,940	6,778	6,771	6,748	6,679	6,637	6,782	
Percent of total population	42.8	43.5	43.8	43.5	42.9	42.4	41.6	41.6	41.6	41.3	41.1	42.1	
Agriculture	384	369	373	367	369	355	326	373	359	336	326	390	
Nonagricultural industries	6,692	6,811	6,835	6,772	6,656	6,585	6,452	6,398	6,389	6,343	6,311	6,392	
Unemployed	1,683	1,654	1,694	1,749	1,801	1,886	1,853	1,872	1,938	1,870	1,979	2,037	
Unemployment rate	19.2	18.7	19.0	19.7	20.4	21.4	21.5	21.7	22.3	21.9	23.0	23.1	
Not in labor force	7,490	7,379	7,267	7,243	7,267	7,211	7,364	7,312	7,227	7,353	7,245	7,001	

[1] The population and Armed Forces figures are not adjusted for seasonal variations.

NOTE: Detail for the household data shown in tables A-33 through A-42 will not necessarily add to totals, because of the independent seasonal adjustment of the various series.

A-34. Full- and part-time status of the civilian labor force, seasonally adjusted

[Numbers in thousands]

Full- and part-time status	1981							1982					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
FULL TIME													
Total, 16 years and over:													
Civilian labor force	92,526	92,971	92,778	92,801	93,359	93,607	93,856	93,129	93,421	93,860	93,890	94,619	93,984
Employed	85,949	86,606	86,378	86,044	86,155	86,062	85,729	85,324	85,523	85,505	85,289	85,903	85,112
Unemployed	6,577	6,365	6,400	6,757	7,204	7,545	8,127	7,805	7,897	8,355	8,601	8,717	8,873
Unemployment rate	7.1	6.8	6.9	7.3	7.7	8.1	8.7	8.4	8.5	8.9	9.2	9.2	9.4
PART TIME													
Total, 16 years and over:													
Civilian labor force	15,924	15,808	16,071	15,662	15,690	15,721	15,399	15,853	15,532	15,470	15,836	15,911	16,167
Employed	14,462	14,337	14,525	14,160	14,198	14,125	13,982	14,337	13,951	13,926	14,112	14,237	14,584
Unemployed	1,462	1,471	1,546	1,502	1,492	1,596	1,417	1,515	1,681	1,544	1,724	1,674	1,583
Unemployment rate	9.2	9.3	9.6	9.6	9.5	10.2	9.2	9.6	10.8	10.0	10.9	10.5	9.8

NOTE: Persons on part-time schedules for economic reasons are included in the full-time employed category; unemployed persons are allocated by whether seeking full- or part-time work.

A-35. Employment status by race, sex, and age, seasonally adjusted

[Numbers in thousands]

Race, sex, and age	1981							1982					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
WHITE													
Total, 16 years and over	94,887	95,126	95,163	94,884	95,365	95,535	95,329	95,120	95,333	95,508	96,015	96,641	96,223
Civilian labor force	88,799	89,170	89,221	88,628	88,734	88,498	88,010	87,955	87,990	87,956	87,988	88,450	88,173
Employed	6,088	5,956	5,942	6,256	6,631	7,037	7,319	7,165	7,344	7,552	8,026	8,191	8,050
Unemployed	6.4	6.3	6.2	6.6	7.0	7.4	7.7	7.5	7.7	7.9	8.4	8.5	8.4
Unemployment rate													
Males, 20 years and over	50,633	50,598	50,701	50,712	50,811	50,881	50,948	50,757	50,812	50,903	51,128	51,394	51,252
Civilian labor force	47,939	48,157	48,050	47,948	47,790	47,649	47,449	47,410	47,430	47,351	47,393	47,535	47,300
Employed	2,694	2,541	2,651	2,764	3,021	3,232	3,499	3,347	3,382	3,552	3,731	3,859	3,952
Unemployed	5.3	5.0	5.2	5.5	5.9	6.4	5.9	6.6	6.7	7.0	7.3	7.5	7.7
Unemployment rate													
Females, 20 years and over	36,490	36,612	36,554	36,294	36,742	36,832	36,733	36,698	36,860	37,038	37,179	37,428	37,619
Civilian labor force	34,404	34,481	34,534	34,155	34,517	34,513	34,368	34,380	34,427	34,475	34,489	34,682	34,944
Employed	2,086	2,131	2,020	2,139	2,225	2,319	2,365	2,319	2,433	2,564	2,690	2,746	2,675
Unemployed	5.7	5.8	5.5	5.9	6.1	6.3	6.4	6.3	6.6	6.9	7.2	7.3	7.1
Unemployment rate													
Both sexes, 16 to 19 years	7,764	7,816	7,908	7,878	7,812	7,822	7,648	7,665	7,862	7,567	7,712	7,819	7,352
Civilian labor force	6,456	6,532	6,637	6,525	6,427	6,336	6,193	6,166	6,133	6,130	6,106	6,233	5,929
Employed	1,308	1,284	1,271	1,353	1,385	1,486	1,455	1,499	1,529	1,437	1,606	1,586	1,423
Unemployed	16.8	16.4	16.1	17.2	17.7	19.0	19.0	19.6	20.0	19.0	20.8	20.3	19.4
Unemployment rate													
BLACK AND OTHER													
Total, 16 years and over	13,565	13,539	13,632	13,617	13,697	13,757	13,773	13,704	13,857	13,810	13,768	14,097	13,947
Civilian labor force	11,643	11,672	11,624	11,607	11,611	11,661	11,610	11,632	11,653	11,515	11,446	11,669	11,560
Employed	1,922	1,867	2,008	2,010	2,086	2,096	2,163	2,072	2,204	2,294	2,322	2,429	2,387
Unemployed	16.2	13.8	14.7	14.8	15.2	15.2	15.7	15.1	15.9	16.6	16.9	17.2	17.1
Unemployment rate													
Males, 20 years and over	6,479	6,484	6,556	6,551	6,573	6,595	6,614	6,563	6,649	6,620	6,704	6,759	6,762
Civilian labor force	5,682	5,722	5,745	5,715	5,711	5,694	5,647	5,630	5,688	5,622	5,667	5,709	5,688
Employed	797	762	811	836	862	901	967	933	961	998	1,037	1,050	1,075
Unemployed	12.3	11.8	12.4	12.8	13.1	13.7	14.6	14.2	14.5	15.1	15.5	15.5	15.9
Unemployment rate													
Females, 20 years and over	6,081	6,062	6,087	6,085	6,096	6,147	6,163	6,152	6,163	6,199	6,145	6,324	6,273
Civilian labor force	5,340	5,321	5,313	5,281	5,301	5,359	5,355	5,388	5,338	5,321	5,248	5,407	5,387
Employed	741	741	774	804	795	788	808	764	826	878	897	917	887
Unemployed	12.2	12.2	12.7	13.2	13.0	12.8	13.1	12.4	13.4	14.2	14.6	14.5	14.1
Unemployment rate													
Both sexes, 16 to 19 years	1,005	993	989	981	1,028	1,015	995	989	1,044	991	919	1,014	912
Civilian labor force	621	629	566	611	599	608	608	614	627	573	531	553	486
Employed	384	364	423	370	429	407	388	375	417	418	388	461	426
Unemployed	38.2	36.7	42.8	37.7	41.7	40.1	39.0	37.9	39.9	42.2	42.2	45.5	46.7
Unemployment rate													

HOUSEHOLD DATA
SEASONALLY ADJUSTED

A-36. Major unemployment indicators, seasonally adjusted

(Unemployment rates)

Category	1981							1982				
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May
CHARACTERISTIC												
Total (all civilian workers)	7.4	7.2	7.3	7.6	8.0	8.3	8.8	8.5	8.8	9.0	9.4	9.5
Males, 20 years and over	6.1	5.8	6.0	6.2	6.7	7.1	7.9	7.5	7.6	7.9	8.2	8.4
Females, 20 years and over	6.6	6.7	6.6	6.9	7.0	7.2	7.4	7.2	7.6	7.9	8.3	8.3
Both sexes, 16-19 years	19.2	18.7	19.0	19.7	20.4	21.4	21.5	21.7	22.3	21.9	23.0	23.1
White	6.4	6.3	6.2	6.6	7.0	7.4	7.7	7.5	7.7	7.9	8.4	8.5
Black and other	14.2	13.8	14.7	14.8	15.2	15.2	15.7	15.1	15.9	16.6	16.9	17.2
Married men, spouse present	4.2	3.9	4.0	4.4	4.8	5.2	5.7	5.3	5.3	5.5	6.0	6.1
Married women, spouse present	5.7	5.7	5.5	6.0	6.1	6.5	6.6	6.2	7.0	7.1	7.8	7.4
Women who maintain families	10.7	11.2	10.1	10.7	10.6	11.8	10.5	10.4	10.2	10.6	11.5	11.8
Full-time workers	7.1	6.8	6.9	7.3	7.7	8.1	8.7	8.4	8.5	8.9	9.2	9.2
Part-time workers	9.2	9.3	9.6	9.6	9.5	10.2	9.2	9.6	10.0	10.0	10.9	10.5
Unemployed 15 weeks and over[1]	2.2	2.0	2.0	2.1	2.1	2.2	2.2	2.2	2.5	2.7	2.7	3.0
Labor force time lost[2]	7.9	7.9	7.9	8.5	9.1	9.5	10.1	10.0	9.8	10.4	10.4	11.1
OCCUPATION												
White-collar workers	3.9	4.0	3.9	4.1	4.1	4.2	4.5	4.2	4.6	4.8	4.9	4.8
Professional and technical	2.8	2.8	2.5	2.8	2.6	2.7	3.4	2.9	3.1	3.2	3.2	3.3
Managers and administrators, except farm	2.7	2.6	2.7	2.7	2.8	3.0	3.1	2.7	3.1	3.0	3.3	3.5
Sales workers	4.3	4.9	4.7	5.0	4.9	5.0	4.9	4.5	4.8	5.8	5.6	5.2
Clerical workers	5.4	5.7	5.7	5.8	6.0	6.0	6.2	6.3	6.7	6.9	7.2	6.8
Blue-collar workers	9.8	9.5	9.5	10.2	10.9	11.8	12.7	12.5	12.5	12.9	13.7	13.5
Craft and kindred workers	7.1	6.9	7.0	7.7	8.3	8.5	9.3	9.0	8.4	9.1	9.6	9.4
Operatives, except transport	11.1	11.1	11.1	11.6	12.8	14.1	15.5	15.4	15.4	15.9	16.9	16.5
Transport equipment operatives	8.1	7.3	8.0	8.7	8.3	10.4	13.5	10.2	10.3	10.4	10.7	11.8
Nonfarm laborers	14.7	14.4	13.2	14.6	15.6	16.0	16.9	16.9	17.9	17.9	19.2	18.3
Service workers	8.9	8.0	8.9	9.0	9.3	9.7	9.6	9.2	9.8	10.2	11.1	11.3
Farm workers	6.2	4.8	5.4	4.8	6.2	6.2	6.4	6.9	4.9	5.4	5.8	8.3
INDUSTRY												
Nonagricultural private wage and salary workers[3]	7.4	7.2	7.3	7.7	8.1	8.4	9.1	8.8	9.0	9.5	9.9	9.9
Construction	16.1	15.2	16.2	16.3	17.6	17.8	18.1	18.7	18.1	17.9	19.4	18.8
Manufacturing	7.4	7.3	7.0	7.9	8.6	9.4	11.0	10.4	10.6	10.8	11.3	11.6
Durable goods	7.1	7.1	6.5	7.7	8.6	9.5	11.8	11.0	11.3	10.8	11.9	12.2
Nondurable goods	7.9	7.6	7.9	8.3	8.6	9.3	9.6	9.5	9.5	10.8	10.5	10.7
Transportation	4.9	4.1	4.8	4.2	4.8	5.5	6.0	6.4	5.9	5.6	7.0	6.5
Wholesale and retail trade	7.7	7.9	7.9	8.5	8.4	8.6	8.9	8.7	9.0	10.3	10.1	10.6
Finance and service industries	5.8	5.7	5.7	6.0	6.2	6.1	6.4	5.9	6.5	6.9	7.0	6.9
Government workers	4.6	4.6	4.5	4.7	4.7	5.2	5.0	4.8	5.2	4.9	5.3	5.0
Agricultural wage and salary workers	13.3	10.7	12.0	11.0	13.4	14.1	14.8	16.2	12.8	14.0	14.6	18.2

[1] Unemployment as a percent of the civilian labor force.

[2] Aggregate hours lost by the unemployed and persons on part time for economic reasons as a percent of potentially available labor force hours.

[3] Includes mining, not shown separately.

A-37. Unemployed persons by duration of unemployment, seasonally adjusted

(Numbers in thousands)

Weeks of unemployment	1981							1982				
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May
DURATION												
Less than 5 weeks	3,303	3,323	3,326	3,529	3,707	3,852	4,037	3,852	3,789	3,825	3,958	3,874
5 to 14 weeks	2,923	2,912	2,969	2,985	2,886	2,882	3,016	3,068	3,052	3,078	3,304	3,320
15 weeks and over	2,363	2,170	2,217	2,248	2,292	2,364	2,372	2,399	2,724	2,954	3,015	3,286
15 to 26 weeks	1,227	1,096	1,078	1,146	1,166	1,229	1,189	1,213	1,445	1,605	1,508	1,634
27 weeks and over	1,136	1,074	1,139	1,102	1,126	1,135	1,183	1,190	1,278	1,349	1,507	1,652
Average (mean) duration, in weeks	14.3	14.1	14.3	13.7	13.6	13.1	12.9	13.5	14.1	13.9	14.2	14.6
Median duration, in weeks	6.7	7.0	7.0	6.9	6.8	6.9	6.7	7.2	7.3	7.6	8.5	9.0
PERCENT DISTRIBUTION												
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5 weeks	40.8	42.6	41.5	42.2	42.7	42.3	42.8	41.3	39.6	38.8	38.5	37.0
5 to 14 weeks	30.0	29.6	30.8	30.9	30.9	31.7	32.0	32.9	31.9	31.2	32.1	31.7
15 weeks and over	29.2	27.8	27.7	26.9	26.4	26.0	25.2	25.7	28.5	30.0	29.3	31.4
15 to 26 weeks	15.2	14.0	13.5	13.7	13.4	13.5	12.6	13.0	15.1	16.3	14.7	15.6
27 weeks and over	14.0	13.8	14.2	13.2	13.0	12.5	12.6	12.8	13.4	13.7	14.7	15.8

A-38. Unemployment rates by sex and age, seasonally adjusted

Sex and age	1981							1982					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
Total, 16 years and over	7.4	7.2	7.3	7.6	8.3	8.3	8.8	8.5	8.6	9.0	9.4	9.5	9.5
16 to 19 years	19.2	18.7	19.0	19.7	20.4	21.4	21.5	21.7	22.3	21.9	23.0	23.1	22.3
16 to 17 years	22.6	19.8	20.8	21.4	21.5	22.6	21.9	21.9	22.7	22.7	24.6	25.3	23.7
18 to 19 years	17.5	17.8	17.6	18.5	20.0	20.5	21.2	21.3	22.0	21.3	21.9	21.3	21.9
20 to 24 years	12.1	11.5	12.1	12.3	12.7	13.0	13.5	13.5	14.1	14.2	14.7	14.3	14.4
25 years and over	5.3	5.2	5.2	5.4	5.7	5.8	6.5	6.3	6.4	6.8	7.0	7.1	7.4
25 to 54 years	5.6	5.5	5.5	5.8	6.2	6.5	6.9	6.7	6.8	7.3	7.4	7.7	7.7
55 years and over	3.5	3.5	3.5	3.8	3.8	3.8	4.1	4.2	4.3	4.6	5.3	4.8	5.4
Males, 16 years and over	7.2	6.7	7.1	7.3	7.7	8.1	9.0	8.6	8.7	9.0	9.4	9.6	9.7
16 to 19 years	20.0	18.8	19.8	19.9	20.1	21.8	22.3	22.1	22.5	23.5	24.4	24.0	24.2
16 to 17 years	24.0	19.9	21.5	21.5	21.1	22.7	22.6	23.0	23.0	24.3	26.7	26.3	25.8
18 to 19 years	18.2	17.9	18.3	18.7	19.3	21.0	22.2	21.4	22.1	22.9	24.3	21.9	24.0
20 to 24 years	12.9	11.6	12.9	13.1	13.8	14.4	14.8	14.9	15.4	15.7	16.0	15.5	15.8
25 years and over	5.0	4.7	4.9	5.0	5.5	5.8	6.5	6.3	6.3	6.6	6.9	6.9	7.5
25 to 54 years	5.2	5.0	5.2	5.5	5.9	6.3	6.9	6.7	6.7	7.1	7.2	7.5	8.0
55 years and over	3.4	3.4	3.4	3.5	3.7	3.7	4.4	4.3	4.2	4.8	5.1	4.7	5.3
Females, 16 years and over	7.7	7.8	7.7	8.0	8.2	8.4	8.5	8.4	8.9	9.0	9.4	9.5	9.1
16 to 19 years	18.4	18.6	18.2	19.5	20.7	20.9	20.5	21.2	22.1	20.1	21.3	22.1	20.2
16 to 17 years	21.1	19.7	20.0	21.2	21.9	22.5	21.1	23.6	22.5	20.8	24.5	24.1	21.6
18 to 19 years	16.8	17.7	16.9	18.3	20.6	19.9	20.0	21.1	21.9	19.6	19.4	20.6	19.7
20 to 24 years	11.2	11.3	11.1	11.4	11.5	11.3	12.0	11.9	12.7	12.6	13.3	12.9	12.9
25 years and over	5.7	5.8	5.6	6.0	6.1	6.4	6.4	6.3	6.5	7.0	7.2	7.4	7.2
25 to 54 years	6.1	6.1	6.0	6.3	6.5	6.8	6.9	6.7	7.0	7.6	7.7	8.0	7.4
55 years and over	3.5	3.7	3.7	4.3	4.3	3.8	3.7	4.1	4.3	4.3	4.8	5.0	4.8

A-39. Unemployed persons by reason for unemployment, seasonally adjusted

(Numbers in thousands)

Reason for unemployment	1981							1982					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
NUMBER OF UNEMPLOYED													
Both sexes, 16 years and over	4,173	3,867	4,136	4,426	4,571	4,935	5,383	5,205	5,153	5,622	5,906	5,901	6,302
Job losers	1,302	1,225	1,276	1,452	1,631	1,826	2,042	1,860	1,740	1,828	1,946	1,969	2,071
On layoff	2,871	2,642	2,860	2,974	2,942	3,079	3,301	3,345	3,413	3,794	3,959	3,932	4,231
Other job losers	696	926	879	921	976	916	923	835	964	885	937	874	833
Job leavers	2,339	2,378	2,034	2,058	2,178	2,339	2,244	2,079	2,277	2,249	2,365	2,438	2,372
Reentrants	973	940	971	977	1,002	996	1,321	1,055	1,100	1,044	1,081	1,154	1,089
New entrants													
PERCENT DISTRIBUTION													
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers	51.6	49.5	51.4	52.8	52.4	53.6	56.1	56.7	56.3	57.4	57.4	56.9	59.6
On layoff	16.1	15.7	16.0	17.3	18.7	19.9	21.4	20.3	19.3	18.7	18.9	19.0	19.6
Other job losers	35.5	33.8	35.4	35.5	33.7	33.6	34.6	36.5	35.9	38.7	38.5	37.9	40.0
Job leavers	11.1	11.9	11.0	11.0	11.2	10.0	9.7	9.1	10.2	9.0	9.1	8.4	7.7
Reentrants	25.2	26.6	25.5	24.6	25.0	25.5	23.5	22.7	24.0	22.9	23.0	23.5	22.8
New entrants	12.0	12.0	12.2	11.7	11.5	10.9	10.7	11.5	11.6	10.7	10.5	11.1	10.3
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE													
Job losers	3.8	3.6	3.8	4.1	4.2	4.5	4.9	4.8	4.7	5.1	5.4	5.3	5.7
Job leavers	.8	.9	.8	.8	.9	.8	.8	.8	.9	.8	.9	.8	.7
Reentrants	1.9	1.9	1.9	1.9	2.0	2.1	2.1	1.9	2.1	2.1	2.2	2.2	2.2
New entrants	.9	.9	.9	.9	.9	.9	.9	1.0	1.0	1.0	1.0	1.0	1.0

HOUSEHOLD DATA
SEASONALLY ADJUSTED

A 40 Employed persons by sex and age, seasonally adjusted

(In thousands)

Sex and age	1981							1982					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
Total, 16 years and over	100,430	100,866	100,840	100,258	100,343	100,172	99,613	99,581	99,590	99,492	99,340	100,117	99,7
16 to 19 years	7,076	7,180	7,208	7,139	7,025	6,940	6,778	6,771	6,748	6,679	6,637	6,782	6,8
16 to 17 years	2,709	2,835	2,840	2,836	2,769	2,768	2,703	2,705	2,690	2,642	2,610	2,629	2,3
18 to 19 years	4,350	4,326	4,345	4,326	4,260	4,192	4,088	4,065	4,067	4,060	4,027	4,167	4,0
20 to 24 years	14,094	14,264	14,194	14,086	14,078	13,970	13,935	13,816	13,788	13,811	13,730	13,820	13,7
25 years and over	79,330	79,464	79,453	79,028	79,228	79,202	78,881	78,960	79,045	78,978	78,973	79,509	79,5
25 to 54 years	64,754	64,930	65,014	64,676	64,829	64,868	64,567	64,722	64,853	64,648	64,670	65,069	65,1
55 years and over	14,542	14,535	14,471	14,372	14,377	14,337	14,332	14,282	14,158	14,299	14,298	14,449	14,3
Males, 16 years and over	57,279	57,640	57,551	57,471	57,266	57,051	56,725	56,629	56,658	56,472	56,401	56,820	56,2
16 to 19 years	3,682	3,766	3,760	3,778	3,762	3,697	3,603	3,582	3,561	3,466	3,412	3,560	3,2
16 to 17 years	1,412	1,498	1,531	1,533	1,522	1,495	1,448	1,446	1,439	1,387	1,385	1,417	1,2
18 to 19 years	2,260	2,261	2,257	2,266	2,241	2,208	2,163	2,136	2,123	2,094	2,020	2,158	1,9
20 to 24 years	7,483	7,646	7,562	7,523	7,469	7,373	7,380	7,321	7,288	7,246	7,208	7,281	7,1
25 years and over	46,168	46,253	46,244	46,160	46,046	45,940	45,709	45,686	45,786	45,762	45,782	45,967	45,8
25 to 54 years	37,448	37,507	37,565	37,519	37,406	37,364	37,092	37,127	37,235	37,173	37,194	37,351	37,2
55 years and over	8,729	8,736	8,679	8,658	8,621	8,590	8,608	8,582	8,523	8,578	8,591	8,641	8,6
Females, 16 years and over	43,151	43,229	43,289	42,787	43,077	43,121	42,888	42,952	42,932	43,020	42,940	43,297	43,5
16 to 19 years	3,394	3,414	3,448	3,361	3,263	3,243	3,175	3,189	3,187	3,213	3,225	3,222	3,1
16 to 17 years	1,297	1,337	1,309	1,303	1,247	1,273	1,255	1,259	1,251	1,255	1,225	1,212	1,1
18 to 19 years	2,090	2,065	2,088	2,060	2,019	1,984	1,925	1,931	1,944	1,966	2,007	2,009	2,0
20 to 24 years	6,611	6,618	6,632	6,563	6,629	6,597	6,555	6,495	6,500	6,565	6,523	6,539	6,5
25 years and over	33,162	33,211	33,209	32,868	33,182	33,262	33,172	33,274	33,259	33,216	33,192	33,542	33,7
25 to 54 years	27,306	27,423	27,449	27,157	27,423	27,504	27,475	27,595	27,618	27,475	27,476	27,718	27,9
55 years and over	5,813	5,799	5,792	5,714	5,756	5,747	5,724	5,701	5,635	5,721	5,707	5,808	5,7

A 41 Unemployed persons by sex and age, seasonally adjusted

(In thousands)

Sex and age	1981							1982					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
Total, 16 years and over	8,004	7,824	7,978	8,236	8,669	9,100	9,571	9,298	9,575	9,954	10,307	10,549	10,42
16 to 19 years	1,683	1,654	1,694	1,749	1,801	1,886	1,853	1,872	1,938	1,870	1,979	2,037	1,88
16 to 17 years	791	699	746	772	757	808	759	760	792	775	851	891	74
18 to 19 years	924	938	931	983	1,062	1,080	1,098	1,098	1,149	1,099	1,130	1,126	1,12
20 to 24 years	1,942	1,887	1,949	1,972	2,054	2,088	2,168	2,161	2,271	2,293	2,374	2,303	2,32
25 years and over	4,398	4,324	4,328	4,540	4,828	5,091	5,481	5,282	5,401	5,748	5,962	6,095	6,32
25 to 54 years	3,845	3,786	3,819	4,010	4,255	4,536	4,904	4,649	4,756	5,066	5,186	5,428	5,67
55 years and over	522	534	526	572	574	562	620	624	630	691	752	732	62
Males, 16 years and over	4,415	4,171	4,385	4,506	4,798	5,133	5,578	5,338	5,384	5,610	5,846	6,029	6,06
16 to 19 years	918	873	926	937	947	1,028	1,035	1,016	1,033	1,062	1,104	1,125	1,01
16 to 17 years	445	372	411	421	408	438	424	433	429	445	454	506	42
18 to 19 years	502	494	505	521	537	587	616	581	604	621	647	606	62
20 to 24 years	1,106	1,005	1,120	1,131	1,194	1,245	1,278	1,284	1,324	1,346	1,377	1,333	1,36
25 years and over	2,405	2,292	2,361	2,455	2,670	2,838	3,199	3,055	3,371	3,247	3,383	3,422	3,72
25 to 54 years	2,065	1,990	2,067	2,173	2,346	2,522	2,762	2,662	2,675	2,820	2,895	3,031	3,23
55 years and over	311	310	303	317	333	333	397	383	377	431	461	428	45
Females, 16 years and over	3,589	3,653	3,593	3,730	3,871	3,967	3,993	3,960	4,191	4,243	4,461	4,520	4,36
16 to 19 years	765	781	768	812	854	858	818	856	905	808	875	912	86
16 to 17 years	346	327	335	351	349	370	335	327	363	330	397	385	33
18 to 19 years	422	444	426	462	525	493	482	517	545	478	483	520	49
20 to 24 years	836	882	829	841	860	843	890	877	947	947	998	969	91
25 years and over	1,993	2,032	1,967	2,085	2,158	2,257	2,282	2,228	2,330	2,501	2,578	2,673	2,66
25 to 54 years	1,780	1,796	1,752	1,837	1,909	2,014	2,042	1,987	2,081	2,246	2,291	2,397	2,29
55 years and over	211	224	223	255	241	229	223	241	253	260	291	304	3

A-42. Employed persons by selected social and economic categories, seasonally adjusted

(In thousands)

Category	1981							1982					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
CHARACTERISTIC													
Total, 16 years and over	100430	100864	100840	100258	100343	100172	99,613	99,581	99,590	99,492	99,340	100117	99,764
Married men, spouse present	38,930	38,961	38,961	38,855	38,706	38,553	38,342	38,234	38,255	38,181	38,142	38,312	38,358
Married women, spouse present	24,106	24,159	24,043	23,626	23,874	23,820	23,691	23,706	23,727	23,900	23,831	24,213	24,401
OCCUPATION													
White-collar workers	52,957	52,907	53,141	52,908	53,199	53,086	53,384	52,836	52,841	52,763	53,177	53,705	53,586
Professional and technical	16,410	16,364	16,623	16,598	16,681	16,657	16,774	16,803	16,812	16,659	16,844	16,818	17,053
Managers and administrators, except farm	11,411	11,578	11,460	11,533	11,616	11,461	11,424	11,091	11,253	11,311	11,501	11,541	11,504
Sales workers	6,513	6,373	6,490	6,481	6,400	6,418	6,450	6,520	6,504	6,637	6,603	6,587	6,567
Clerical workers	18,623	18,592	18,570	18,336	18,502	18,550	18,436	18,423	18,432	18,155	18,229	18,759	18,682
Blue-collar workers	31,538	31,580	31,611	31,266	30,953	30,683	30,344	30,203	30,309	30,416	29,926	29,926	29,716
Craft and kindred workers	12,749	12,787	12,724	12,514	12,446	12,411	12,446	12,373	12,454	12,511	12,492	12,316	12,207
Operatives, except transport	10,703	10,719	10,658	10,524	10,410	10,220	10,169	9,966	9,955	9,860	9,688	9,585	9,655
Transport equipment operatives	3,493	3,526	3,530	3,506	3,580	3,438	3,368	3,415	3,503	3,397	3,400	3,419	3,414
Nonfarm laborers	4,593	4,548	4,699	4,722	4,517	4,614	4,361	4,451	4,397	4,648	4,343	4,607	4,441
Service workers	13,214	13,526	13,282	13,391	13,525	13,670	13,639	13,709	13,612	13,526	13,555	13,738	13,791
Farm workers	2,710	2,727	2,753	2,743	2,770	2,802	2,660	2,817	2,787	2,710	2,623	2,731	2,660
MAJOR INDUSTRY AND CLASS OF WORKER													
Agriculture													
Wage and salary workers	1,437	1,495	1,501	1,461	1,502	1,436	1,352	1,377	1,426	1,416	1,423	1,541	1,431
Self-employed workers	1,664	1,593	1,638	1,643	1,633	1,661	1,602	1,674	1,596	1,644	1,664	1,698	1,676
Unpaid family workers	263	244	256	256	261	321	228	383	359	277	270	236	251
Nonagricultural industries													
Wage and salary workers	89,508	89,971	89,995	89,376	89,460	89,238	88,991	88,759	88,586	88,526	88,322	89,051	88,606
Government	15,707	15,637	15,526	15,475	15,491	15,397	15,585	15,578	15,527	15,492	15,453	15,422	15,635
Private industries	73,801	74,334	74,469	73,901	73,969	73,841	73,406	73,181	73,059	73,034	72,869	73,629	72,970
Private households	1,177	1,216	1,259	1,102	1,162	1,204	1,291	1,249	1,161	1,225	1,192	1,232	1,201
Other industries	72,624	73,118	73,210	72,799	72,807	72,637	72,115	71,932	71,898	71,809	71,677	72,427	71,770
Self-employed workers	7,128	7,071	7,103	7,217	7,152	7,141	7,357	6,971	7,055	7,126	7,264	7,269	7,399
Unpaid family workers	376	389	387	399	451	425	418	410	408	434	413	382	397
PERSONS AT WORK[1]													
Nonagricultural industries	91,500	92,532	91,569	90,878	91,384	91,323	90,922	90,125	90,892	90,548	90,596	91,282	91,022
Full time schedules	74,693	75,520	74,457	73,794	73,886	73,915	73,360	72,803	73,028	72,649	72,335	73,036	72,662
Part time for economic reasons	4,033	4,374	4,350	4,656	5,009	5,026	5,288	5,071	5,563	5,717	5,834	5,763	5,444
Usually work full time	1,465	1,680	1,729	1,759	2,006	1,945	2,121	1,783	2,193	2,237	2,223	2,211	2,064
Usually work part time	2,568	2,694	2,621	2,897	3,003	3,081	3,167	3,287	3,370	3,480	3,611	3,552	3,380
Part time for noneconomic reasons	12,774	12,538	12,752	12,428	12,489	12,382	12,274	12,251	12,300	12,183	12,427	12,483	12,916

[1] Excludes persons "with a job but not at work" during the survey period for such reasons as vacation, illness, or industrial dispute.

HOUSEHOLD DATA

A-43. Employment status of male Vietnam-era veterans and nonveterans by age

(Numbers in thousands)

Veteran status and age	Not seasonally adjusted								
	Civilian noninstitutional population		Civilian labor force						
			Total		Employed		Unemployed		
							Number		Percent of labor force
	June 1981	June 1982	June 1981	June 1982	June 1981	June 1982	June 1981	June 1982	June 1981
VETERANS									
Total, 25 years and over	8,541	8,688	8,103	8,178	7,681	7,472	422	706	5.2
25 to 39 years	7,320	7,151	7,052	6,847	6,662	6,214	390	633	5.5
25 to 29 years	1,497	1,227	1,409	1,134	1,270	938	139	196	9.9
30 to 34 years	3,340	2,953	3,235	2,833	3,068	2,594	167	239	5.2
35 to 39 years	2,483	2,971	2,408	2,880	2,324	2,682	84	198	3.5
40 years and over	1,221	1,537	1,051	1,331	1,019	1,258	32	73	3.0
NONVETERANS									
Total, 25 to 39 years	17,179	18,174	16,266	17,285	15,306	15,745	960	1,540	5.9
25 to 29 years	7,845	8,155	7,429	7,722	6,914	6,900	515	822	6.9
30 to 34 years	5,473	5,947	5,196	5,702	4,905	5,233	291	469	5.6
35 to 39 years	3,861	4,072	3,641	3,861	3,487	3,612	154	249	4.2

NOTE: Vietnam-era veterans are males who served in the Armed Forces between August 5, 1964 and May 7, 1975. Nonveterans are males who have never served in the Armed Forces; published data are limited to those 25 to 39 years of age, the group that most closely corresponds to the bulk of the Vietnam-era veteran population.

A-44. Employment status of the noninstitutional population by sex, age, and race, seasonally adjusted

(Numbers in thousands)

Employment status, sex, age, and race	1979			1980				1981				1982	
	II	III	IV	I	II	III	IV	I	II	III	IV	I	II
TOTAL													
Total noninstitutional population[1]	166,540	167,287	168,146	168,848	169,506	170,222	170,816	171,403	171,966	172,567	173,150	173,665	174,195
Armed Forces[1]	2,079	2,088	2,091	2,086	2,091	2,111	2,121	2,124	2,129	2,155	2,160	2,168	2,175
Civilian noninstitutional population[1]	164,461	165,200	166,055	166,762	167,415	168,111	168,693	169,279	169,837	170,413	170,990	171,497	172,020
Civilian labor force	104,316	105,264	105,972	106,458	106,771	107,206	107,523	108,107	108,835	108,667	109,156	109,130	110,168
Percent of civilian population	63.4	63.7	63.8	63.8	63.8	63.8	63.7	63.9	64.1	63.8	63.8	63.6	64.0
Employed	98,349	99,112	99,653	99,784	98,953	99,006	99,499	100,125	100,786	100,654	100,043	99,554	99,740
Percent of total population	59.1	59.2	59.3	59.1	58.4	58.2	58.2	58.4	58.6	58.3	57.8	57.3	57.3
Agriculture	3,294	3,371	3,377	3,376	3,331	3,349	3,406	3,378	3,408	3,368	3,320	3,378	3,385
Nonagricultural industries	95,055	95,741	96,275	96,411	95,622	95,657	96,092	96,747	97,377	97,286	96,723	96,177	96,355
Unemployed	5,967	6,152	6,319	6,670	7,818	7,198	8,025	7,982	8,050	8,013	9,113	9,576	10,428
Unemployment rate	5.7	5.8	6.0	6.3	7.3	7.6	7.5	7.4	7.4	7.4	8.3	8.8	9.5
Males, 20 years and over													
Total noninstitutional population[1]	71,179	71,548	71,964	72,293	72,620	72,984	73,309	73,609	73,928	74,272	74,609	74,910	75,224
Civilian noninstitutional population[1]	69,516	69,867	70,291	70,640	70,963	71,313	71,634	71,946	72,251	72,567	72,912	73,205	73,492
Civilian labor force	55,378	55,753	55,958	56,221	56,404	56,602	56,770	56,882	57,243	57,228	57,491	57,457	57,970
Percent of civilian population	79.7	79.8	79.6	79.6	79.5	79.4	79.3	79.1	79.2	78.9	78.9	78.5	78.9
Employed	53,183	53,437	53,498	53,478	52,887	52,849	53,211	53,448	53,767	53,786	53,327	53,050	53,078
Percent of total population	76.7	76.7	76.3	76.0	75.8	72.4	72.6	72.6	72.7	72.4	71.5	70.8	70.6
Agriculture	2,345	2,405	2,431	2,449	2,374	2,372	2,391	2,370	2,396	2,396	2,369	2,384	2,423
Nonagricultural industries	50,838	51,032	51,067	51,029	50,514	50,477	50,820	51,078	51,371	51,390	50,958	50,666	50,654
Unemployed	2,195	2,316	2,461	2,743	3,517	3,753	3,559	3,435	3,476	3,442	4,166	4,407	4,892
Unemployment rate	4.0	4.2	4.4	4.9	6.2	6.6	6.3	6.0	6.1	6.0	7.2	7.7	8.4
Females, 20 years and over													
Total noninstitutional population[1]	78,394	78,799	79,248	79,631	79,998	80,400	80,758	81,108	81,458	81,826	82,191	82,526	82,866
Civilian noninstitutional population[1]	78,282	78,679	79,126	79,506	79,869	80,266	80,616	80,965	81,312	81,675	82,036	82,368	82,703
Civilian labor force	39,316	39,949	40,381	40,719	40,973	41,257	41,492	41,986	42,507	42,564	42,902	43,047	43,629
Percent of civilian population	50.2	50.8	51.0	51.2	51.3	51.4	51.5	51.9	52.3	52.1	52.3	52.3	52.8
Employed	37,085	37,669	38,085	38,351	38,349	38,564	38,714	39,202	39,677	39,692	39,802	39,772	40,047
Percent of total population	47.3	47.8	48.1	48.2	47.9	48.0	47.9	48.3	48.7	48.5	48.4	48.2	48.3
Unemployed	2,231	2,280	2,295	2,368	2,624	2,693	2,778	2,785	2,830	2,872	3,100	3,275	3,583
Unemployment rate	5.7	5.7	5.7	5.8	6.4	6.5	6.7	6.5	6.7	6.7	7.2	7.6	8.2
Both sexes, 16-19 years													
Total noninstitutional population[1]	16,967	16,942	16,933	16,929	16,888	16,837	16,752	16,686	16,583	16,469	16,350	16,228	16,106
Civilian noninstitutional population[1]	16,664	16,653	16,637	16,616	16,584	16,532	16,442	16,367	16,275	16,171	16,042	15,923	15,825
Civilian labor force	9,622	9,562	9,633	9,513	9,394	9,345	9,260	9,238	9,088	8,875	8,761	8,626	8,569
Percent of civilian population	57.7	57.4	57.9	57.3	56.6	56.5	56.3	56.4	55.8	54.9	54.6	54.2	54.1
Employed	8,081	8,005	8,070	7,955	7,717	7,593	7,573	7,476	7,341	7,176	6,914	6,733	6,616
Percent of total population	47.6	47.3	47.7	47.0	45.7	45.1	45.2	44.8	44.3	43.6	42.3	41.5	41.1
Unemployed	1,541	1,556	1,563	1,558	1,677	1,752	1,687	1,762	1,748	1,699	1,847	1,893	1,953
Unemployment rate	16.0	16.3	16.2	16.4	17.9	18.7	18.2	19.1	19.2	19.1	21.1	21.9	22.8
White													
Total noninstitutional population[1]	145,200	145,826	146,529	146,926	147,469	148,068	148,528	148,779	149,305	149,816	150,302	150,599	150,969
Civilian noninstitutional population[1]	143,553	144,184	144,895	145,308	145,855	146,439	146,889	147,188	147,671	148,164	148,650	148,983	149,309
Civilian labor force	91,371	92,144	92,795	93,277	93,550	93,738	94,016	94,547	95,251	95,058	95,410	95,320	96,293
Percent of civilian population	63.6	63.9	64.0	64.2	64.1	64.0	64.0	64.3	64.5	64.2	64.2	64.0	64.5
Employed	86,880	87,422	87,958	88,183	87,486	87,388	87,846	88,381	89,039	89,006	88,414	87,967	88,204
Percent of total population	59.8	59.9	60.0	60.0	59.3	59.0	59.1	59.4	59.6	59.4	58.8	58.4	58.4
Unemployed	4,491	4,722	4,837	5,094	6,064	6,350	6,170	6,166	6,212	6,051	6,996	7,354	8,089
Unemployment rate	4.9	5.1	5.2	5.5	6.5	6.8	6.6	6.5	6.5	6.4	7.3	7.7	8.4
Black and other													
Total noninstitutional population[1]	21,340	21,462	21,618	21,923	22,036	22,154	22,288	22,624	22,661	22,751	22,849	23,066	23,226
Civilian noninstitutional population[1]	20,908	21,015	21,160	21,454	21,561	21,671	21,805	22,131	22,166	22,249	22,341	22,554	22,711
Civilian labor force	12,964	13,095	13,187	13,175	13,251	13,458	13,489	13,530	13,616	13,596	13,742	13,790	13,938
Percent of civilian population	62.0	62.3	62.3	61.4	61.5	62.1	61.9	61.1	61.4	61.1	61.5	61.1	61.4
Employed	11,476	11,667	11,705	11,616	11,496	11,606	11,632	11,744	11,750	11,634	11,627	11,600	11,558
Percent of total population	53.8	54.4	54.1	53.0	52.2	52.4	52.2	51.9	51.9	51.1	50.9	50.3	49.9
Unemployed	1,488	1,428	1,482	1,559	1,755	1,853	1,857	1,786	1,865	1,962	2,115	2,190	2,379
Unemployment rate	11.5	10.9	11.2	11.8	13.2	13.8	13.8	13.2	13.7	14.4	15.4	15.9	17.1

[1] The population and Armed Forces figure are not adjusted for seasonal variations.

NOTE: Detail for the household data shown in tables A-44 through A-53 will not necessarily add to totals because of the independent seasonal adjustment of the various series.

HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES

A-45. Full- and part-time status of the civilian labor force by sex and age, seasonally adjusted

(Numbers in thousands)

Full- and part-time status, sex, and age	1979			1980				1981				1982
	II	III	IV	I	II	III	IV	I	II	III	IV	I
FULL TIME												
Total, 16 years and over												
Civilian labor force	89,169	89,725	90,364	90,601	91,193	91,559	92,001	92,402	92,892	92,850	93,607	93,470
Employed[1]	84,540	84,916	85,391	85,297	84,786	84,735	85,310	85,835	86,342	86,343	85,982	85,451
Unemployed	4,629	4,809	4,973	5,305	6,407	6,824	6,691	6,567	6,550	6,507	7,625	8,019
Unemployment rate	5.2	5.4	5.5	5.9	7.0	7.5	7.3	7.1	7.1	7.0	8.1	8.6
Males, 20 years and over												
Civilian labor force	52,710	52,907	53,099	53,216	53,506	53,790	53,944	53,950	54,387	54,330	54,633	54,450
Employed[1]	50,699	50,774	50,809	50,662	50,221	50,197	50,552	50,715	51,145	51,110	50,696	50,275
Unemployed	2,010	2,134	2,289	2,554	3,285	3,593	3,393	3,235	3,242	3,222	3,937	4,175
Unemployment rate	3.8	4.0	4.3	4.8	6.1	6.7	6.3	6.0	6.0	5.9	7.2	7.7
Females, 20 years and over												
Civilian labor force	31,246	31,633	32,028	32,261	32,663	32,847	33,120	33,549	33,780	33,886	34,298	34,397
Employed[1]	29,461	29,831	30,231	30,403	30,521	30,526	30,804	31,225	31,465	31,556	31,681	31,671
Unemployed	1,784	1,803	1,797	1,858	2,142	2,321	2,316	2,323	2,314	2,330	2,618	2,727
Unemployment rate	5.7	5.7	5.6	5.8	6.6	6.8	7.0	6.9	6.9	6.9	7.6	7.9
Both sexes, 16–19 years												
Civilian labor force	5,214	5,184	5,237	5,123	5,023	4,922	4,936	4,904	4,725	4,632	4,675	4,622
Employed[1]	4,379	4,312	4,350	4,232	4,044	3,912	3,954	3,895	3,732	3,677	3,605	3,505
Unemployed	835	872	887	893	980	1,010	982	1,009	994	956	1,070	1,117
Unemployment rate	16.0	16.8	16.9	17.4	19.5	20.5	19.9	20.6	21.0	20.6	22.9	24.2
PART TIME												
Total, 16 years and over												
Civilian labor force	15,144	15,595	15,608	15,813	15,566	15,736	15,529	15,670	15,917	15,847	15,603	15,652
Employed[1]	13,809	14,251	14,264	14,443	14,180	14,365	14,179	14,242	14,437	14,341	14,102	14,072
Unemployed	1,335	1,344	1,344	1,371	1,386	1,371	1,350	1,427	1,480	1,506	1,502	1,580
Unemployment rate	8.8	8.6	8.6	8.7	8.9	8.7	8.7	9.1	9.3	9.5	9.6	10.1
Males, 20 years and over												
Civilian labor force	2,715	2,835	2,671	2,948	2,921	2,821	2,846	2,887	2,876	2,904	2,876	2,947
Employed[1]	2,539	2,641	2,693	2,761	2,720	2,642	2,665	2,685	2,673	2,664	2,638	2,705
Unemployed	175	195	178	187	201	179	181	202	203	240	238	242
Unemployment rate	6.5	6.9	6.2	6.3	6.9	6.4	6.4	7.0	7.1	8.3	8.3	8.2
Females, 20 years and over												
Civilian labor force	8,061	8,342	8,335	8,478	8,294	8,419	8,355	8,455	8,715	8,688	8,594	8,670
Employed[1]	7,606	7,875	7,845	7,962	7,807	7,964	7,891	7,984	8,192	8,158	8,108	8,110
Unemployed	455	467	490	517	487	455	464	471	524	530	486	559
Unemployment rate	5.6	5.6	5.9	6.1	5.9	5.4	5.6	5.6	6.0	6.1	5.7	6.5
Both sexes, 16–19 years												
Civilian labor force	4,369	4,417	4,402	4,387	4,351	4,496	4,328	4,328	4,326	4,255	4,133	4,035
Employed[1]	3,664	3,735	3,726	3,720	3,652	3,759	3,623	3,573	3,572	3,518	3,356	3,256
Unemployed	704	682	676	667	699	737	704	754	753	736	777	779
Unemployment rate	16.1	15.4	15.4	15.2	16.1	16.4	16.3	17.4	17.4	17.3	18.8	19.3

[1] Persons on part time schedules for economic reasons are included in the full time employed category; unemployed persons are allocated by whether seeking full- or part time work.

A-48 Employment status by race, sex, and age, seasonally adjusted

(Numbers in thousands)

Employment status, race, sex, and age	1979			1980				1981				1982	
	II	III	IV	I	II	III	IV	I	II	III	IV	I	II
WHITE													
Total, 16 years and over	91,271	92,144	92,795	93,277	93,550	93,738	94,016	94,567	95,251	95,058	95,410	95,320	96,253
Civilian labor force	86,880	87,422	87,958	88,183	87,966	87,388	87,896	88,381	89,019	89,006	88,614	87,967	88,204
Employed	4,491	4,722	4,837	5,094	6,086	6,350	6,170	6,165	6,232	6,051	6,996	7,354	8,084
Unemployed	4.9	5.1	5.2	5.5	6.5	6.8	6.6	6.5	6.5	6.4	7.3	7.7	8.4
Unemployment rate													
Males, 20 years and over	49,103	49,406	49,587	49,863	50,062	50,148	50,289	50,383	50,757	50,704	50,880	50,824	51,257
Civilian labor force	47,474	47,594	47,684	47,739	47,282	47,189	47,480	47,665	48,034	48,052	47,629	47,397	47,410
Employed	1,669	1,812	1,903	2,124	2,780	2,959	2,809	2,718	2,723	2,652	3,251	3,427	3,847
Unemployed	3.4	3.7	3.8	4.3	5.6	5.9	5.6	5.4	5.4	5.2	6.4	6.7	7.5
Unemployment rate													
Females, 20 years and over	33,711	34,263	34,639	34,980	35,143	35,332	35,528	35,979	36,454	36,487	36,769	36,865	37,404
Civilian labor force	32,051	32,562	32,913	33,174	33,169	33,289	33,472	33,913	34,361	34,390	34,466	34,427	34,705
Employed	1,660	1,701	1,726	1,786	1,975	2,043	2,056	2,068	2,113	2,097	2,303	2,438	2,704
Unemployed	4.9	5.0	5.0	5.1	5.6	5.8	5.8	5.7	5.8	5.7	6.3	6.6	7.2
Unemployment rate													
Both sexes, 16 to 19 years	8,517	8,475	8,569	8,454	8,345	8,257	8,198	8,185	8,340	7,867	7,761	7,611	7,628
Civilian labor force	7,355	7,266	7,361	7,270	7,015	6,910	6,833	6,806	6,969	6,565	6,319	6,183	6,089
Employed	1,162	1,208	1,208	1,184	1,330	1,347	1,305	1,379	1,376	1,303	1,442	1,488	1,538
Unemployed	13.6	14.3	14.1	14.0	15.9	16.3	15.9	16.9	17.1	16.6	18.6	19.5	20.2
Unemployment rate													
BLACK AND OTHER													
Total, 16 years and over	12,964	13,095	13,187	13,175	13,251	13,458	13,489	13,533	13,616	13,596	13,782	13,790	13,818
Civilian labor force	11,476	11,667	11,705	11,616	11,496	11,606	11,632	11,708	11,750	11,634	11,627	11,600	11,558
Employed	1,488	1,428	1,482	1,559	1,755	1,853	1,857	1,706	1,865	1,962	2,115	2,190	2,379
Unemployed	11.5	10.9	11.2	11.8	13.2	13.8	13.8	13.2	13.7	14.4	15.4	15.9	17.1
Unemployment rate													
Males, 20 years and over	6,258	6,347	6,356	6,385	6,304	6,463	6,467	6,484	6,508	6,530	6,594	6,611	6,762
Civilian labor force	5,734	5,832	5,821	5,733	5,628	5,652	5,716	5,784	5,752	5,727	5,688	5,647	5,688
Employed	524	515	556	611	736	811	751	700	756	803	910	964	1,074
Unemployed	8.4	8.1	8.7	9.6	11.6	12.5	11.5	10.8	11.6	12.3	13.8	14.6	15.6
Unemployment rate													
Females, 20 years and over	5,610	5,677	5,756	5,756	5,837	5,916	5,962	5,992	6,060	6,078	6,135	6,171	6,247
Civilian labor force	5,029	5,103	5,188	5,181	5,174	5,270	5,241	5,286	5,327	5,305	5,338	5,349	5,347
Employed	580	574	568	574	663	646	721	706	732	771	797	823	930
Unemployed	10.3	10.1	9.9	10.0	11.4	10.9	12.1	11.9	12.1	12.7	13.0	13.3	14.8
Unemployment rate													
Both sexes, 16 to 19 years	1,097	1,071	1,075	1,075	1,050	1,080	1,060	1,059	1,148	988	1,013	1,008	948
Civilian labor force	713	732	717	701	695	686	676	671	671	692	685	685	623
Employed	384	339	358	374	355	396	384	381	377	386	408	403	425
Unemployed	35.0	31.6	33.3	34.8	33.8	36.6	36.2	36.1	36.0	39.0	40.3	40.0	44.8
Unemployment rate													

HOUSEHOLD DATA
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A-47. Major unemployment indicators, seasonally adjusted

[Unemployment rates]

Category	1979			1980				1981				19
	II	III	IV	I	II	III	IV	I	II	III	IV	I
CHARACTERISTIC												
Total (all civilian workers)	5.7	5.8	6.0	6.3	7.3	7.6	7.5	7.4	7.4	7.4	8.3	8.8
Males, 20 years and over	4.8	4.2	4.4	4.9	6.2	6.6	6.3	6.0	6.1	6.0	7.2	7.7
Females, 20 years and over	5.7	5.7	5.7	5.8	6.4	6.5	6.7	6.6	6.7	6.7	7.2	7.6
Both sexes, 16-19 years	16.0	16.3	16.2	16.4	17.9	18.7	18.2	19.1	19.2	19.1	21.1	21.9
White	4.9	5.1	5.2	5.5	6.5	6.8	6.6	6.5	6.5	6.4	7.3	7.7
Black and other	11.5	10.9	11.2	11.8	13.2	13.8	13.8	13.2	13.7	14.4	15.4	15.9
Married men, spouse present	2.6	2.8	3.0	3.4	4.4	4.8	4.4	4.1	4.0	4.1	5.2	5.4
Married women, spouse present	5.1	5.1	5.1	5.3	5.9	6.1	5.9	5.9	5.8	5.7	6.4	6.8
Women who maintain families	8.6	8.1	8.4	8.8	8.7	9.1	10.1	9.9	10.3	10.7	10.6	10.4
Full time workers	5.2	5.4	5.5	5.9	7.0	7.5	7.3	7.1	7.1	7.0	8.1	8.6
Part time workers	8.8	8.6	8.6	8.7	8.9	8.7	8.7	9.1	9.3	9.5	9.6	10.1
Unemployed 15 weeks and over[1]	1.2	1.1	1.2	1.3	1.6	2.0	2.2	2.2	2.1	2.0	2.1	2.5
Labor force time lost[2]	6.3	6.3	6.5	6.8	8.1	8.3	8.3	8.2	8.2	8.1	9.6	10.1
OCCUPATION												
White collar workers	3.3	3.4	3.3	3.4	3.7	3.8	3.9	3.9	4.0	4.0	4.3	4.5
Professional and technical	2.2	2.5	2.4	2.3	2.5	2.5	2.6	2.7	2.9	2.7	2.9	3.1
Managers and administrators, except farm	2.1	2.2	2.1	2.2	2.5	2.5	2.5	2.5	2.6	2.7	2.9	2.9
Sales workers	4.1	3.8	3.8	4.3	4.6	4.2	4.5	4.2	4.4	4.4	4.9	5.0
Clerical workers	4.6	4.7	4.6	4.7	5.3	5.5	5.6	5.6	5.6	5.7	6.1	6.6
Blue collar workers	6.7	7.0	7.5	8.2	10.5	11.1	10.6	10.1	9.8	9.7	11.8	12.6
Craft and kindred workers	4.2	4.4	4.8	5.3	7.1	7.6	7.1	7.1	7.1	7.2	8.7	8.8
Operatives, except transport	8.2	8.6	9.2	9.8	13.0	13.5	12.9	12.0	11.5	11.3	14.1	15.6
Transport equipment operatives	5.5	5.6	5.6	6.9	9.0	10.0	9.9	8.9	8.1	8.0	9.6	10.3
Nonfarm laborers	10.8	11.0	11.7	12.8	15.0	15.8	14.8	14.7	14.1	14.0	16.2	17.6
Service workers	7.2	7.0	6.9	7.2	8.0	8.3	8.2	8.4	9.0	8.6	9.5	9.7
Farm workers	3.6	4.1	4.5	4.3	4.8	4.9	4.3	5.0	5.1	4.7	6.3	5.8
INDUSTRY												
Nonagricultural private wage and salary workers[3]	5.6	5.8	5.9	6.3	7.7	7.9	7.7	7.5	7.4	7.4	8.5	9.1
Construction	9.8	9.4	10.6	12.0	15.3	16.1	14.2	14.3	15.4	15.9	17.8	18.2
Manufacturing	5.4	5.8	6.1	6.8	9.8	9.4	9.0	8.4	7.6	7.4	9.7	10.6
Durable goods	4.6	5.2	5.8	6.7	9.8	10.1	9.2	8.4	7.3	7.1	10.0	11.0
Nondurable goods	6.5	6.8	6.5	6.9	8.0	8.3	8.6	8.4	8.1	7.9	9.2	9.9
Transportation and public utilities	3.2	3.8	4.2	4.2	4.9	5.6	5.2	5.7	5.4	4.4	5.5	6.0
Wholesale and retail trade	6.5	6.5	6.4	6.6	7.5	7.7	7.9	7.7	7.8	8.1	8.6	9.3
Finance and service industries	4.8	5.0	4.8	4.8	5.4	5.6	5.6	5.8	5.8	5.8	6.2	6.5
Government workers	3.6	3.6	3.9	4.0	4.3	4.2	4.3	4.4	4.7	4.6	5.0	4.9
Agricultural wage and salary workers	8.9	9.8	10.0	10.0	11.4	11.7	10.8	11.8	11.2	11.3	14.1	14.3

[1] Unemployment as a percent of the civilian labor force.

[2] Aggregate hours lost by the unemployed and persons on part time for economic reasons as a percent of potentially available labor force hours.

[3] Includes mining, not shown separately.

A-48. Unemployed persons by duration of unemployment, seasonally adjusted

(Numbers in thousands)

Weeks of unemployment	1979			1980				1981				1982	
	II	III	IV	I	II	III	IV	I	II	III	IV	I	II
DURATION													
Both sexes, 16 years and over	2,878	3,047	3,046	3,132	3,498	3,351	3,196	3,278	3,290	3,393	3,865	3,822	3,792
Less than 5 weeks	1,876	1,948	1,998	2,163	2,636	2,685	2,455	2,370	2,500	2,455	2,861	3,066	3,361
5 to 14 weeks	1,232	1,163	1,245	1,385	1,765	2,146	2,147	2,327	2,260	2,212	2,343	2,692	3,325
15 weeks and over	700	653	705	825	1,012	1,229	1,235	1,084	1,112	1,107	1,195	1,420	1,656
15 to 26 weeks	533	510	540	560	733	917	1,113	1,283	1,148	1,105	1,148	1,272	1,669
27 weeks and over													
Average (mean) duration, in weeks	10.8	10.5	10.6	10.7	11.2	12.4	13.9	14.1	13.8	14.0	13.2	13.8	15.1
Median duration, in weeks	5.7	5.4	5.5	5.7	6.1	7.3	7.9	7.2	7.2	7.0	6.8	7.4	9.1
PERCENT DISTRIBUTION													
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5 weeks	68.1	69.5	68.5	66.9	64.4	61.0	63.0	61.1	60.9	62.1	62.6	59.9	56.2
5 to 14 weeks	31.3	31.6	31.7	32.4	33.5	32.8	30.7	29.7	31.1	30.5	31.5	32.0	32.1
15 weeks and over	20.6	18.9	19.8	20.7	22.2	26.2	29.3	29.2	28.1	27.4	25.8	28.1	31.7
15 to 26 weeks	11.7	10.6	11.2	12.4	12.8	15.0	15.4	13.6	13.8	13.7	13.2	14.8	15.8
27 weeks and over	8.9	8.3	8.6	8.4	9.3	11.2	13.9	15.6	14.3	13.7	12.7	13.3	15.9

A-49. Unemployment rates by sex and age, seasonally adjusted

Sex and age	1979			1980				1981				1982	
	II	III	IV	I	II	III	IV	I	II	III	IV	I	II
Total, 16 years and over	5.7	5.8	6.0	6.3	7.3	7.6	7.5	7.4	7.4	7.4	8.3	8.8	9.5
16 to 19 years	16.0	16.3	16.2	16.4	17.9	18.7	18.2	19.1	19.2	19.1	21.1	21.9	22.8
16 to 17 years	18.3	17.6	18.0	18.5	19.9	21.2	20.6	21.2	21.8	20.7	22.9	22.5	24.6
18 to 19 years	14.4	15.2	15.0	14.8	16.5	16.9	16.7	17.5	17.5	18.0	20.5	21.5	21.7
20 to 24 years	8.8	9.3	9.5	10.1	11.9	12.2	12.0	11.9	12.3	11.9	13.1	14.0	14.5
25 years and over	3.8	3.9	4.0	4.3	5.2	5.5	5.3	5.2	5.2	5.3	6.1	6.5	7.2
25 to 54 years	4.0	4.1	4.3	4.7	5.5	6.0	5.8	5.6	5.5	5.6	6.5	6.9	7.6
55 years and over	3.0	3.0	2.9	3.0	3.4	3.4	3.4	3.5	3.4	3.6	3.9	4.4	5.1
Males, 16 years and over	4.9	5.1	5.3	5.8	7.2	7.7	7.3	7.1	7.1	7.0	8.3	8.8	9.6
16 to 19 years	15.5	16.0	15.7	15.8	18.3	19.6	19.4	19.9	19.8	19.5	21.4	22.7	24.2
16 to 17 years	17.7	16.9	17.7	18.0	20.4	22.0	21.6	22.1	22.9	21.0	22.1	23.4	25.6
18 to 19 years	14.0	15.2	14.1	14.2	17.0	17.8	17.9	18.4	17.8	18.3	20.8	22.1	23.4
20 to 24 years	8.2	8.9	9.3	10.6	13.0	13.6	13.1	12.9	13.2	12.5	14.3	15.3	15.8
25 years and over	3.2	3.3	3.5	3.9	5.0	5.4	5.0	4.9	4.7	4.9	5.9	6.4	7.1
25 to 54 years	3.2	3.4	3.7	4.1	5.3	5.9	5.4	5.2	5.1	5.2	6.4	6.8	7.6
55 years and over	2.9	3.0	2.8	3.0	3.4	3.6	3.3	3.2	3.3	3.4	4.0	4.4	4.9
Females, 16 years and over	6.8	6.8	6.8	6.9	7.5	7.6	7.7	7.7	7.7	7.8	8.4	8.8	9.3
16 to 19 years	16.6	16.6	16.8	17.0	17.3	17.7	16.8	18.1	18.5	18.8	20.7	21.1	21.2
16 to 17 years	19.0	18.4	18.3	19.2	19.4	20.2	19.6	20.2	20.6	20.3	21.8	21.3	23.4
18 to 19 years	14.9	15.3	15.9	15.5	15.9	16.0	15.3	16.6	17.1	17.7	20.2	20.9	19.9
20 to 24 years	9.5	9.8	9.7	9.6	10.7	10.6	10.7	10.7	11.1	11.3	11.6	12.4	13.0
25 years and over	4.8	4.8	4.8	5.0	5.5	5.6	5.8	5.8	5.7	5.8	6.3	6.6	7.2
25 to 54 years	5.2	5.1	5.1	5.4	6.0	6.2	6.2	6.2	6.2	6.2	6.8	7.1	7.7
55 years and over	3.2	3.2	3.1	3.0	3.3	3.4	3.5	3.9	3.5	3.9	3.9	4.2	5.3

HOUSEHOLD DATA
SEASONALLY ADJUSTED
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A-50. Unemployed persons by reason for unemployment, seasonally adjusted

[Numbers in thousands]

Reason for unemployment	1979			1980				1981				198
	II	III	IV	I	II	III	IV	I	II	III	IV	I
NUMBER OF UNEMPLOYED												
Both sexes, 16 years and over												
Job losers	2,450	2,647	2,853	3,157	4,094	4,467	4,281	4,007	4,054	4,133	4,940	5,327
On layoff	768	854	978	1,128	1,691	1,802	1,527	1,313	1,321	1,318	1,833	1,809
Other job losers	1,682	1,793	1,875	2,029	2,402	2,665	2,754	2,694	2,734	2,815	3,107	3,517
Job leavers	881	877	857	839	935	932	889	912	934	909	938	895
Reentrants	1,783	1,844	1,808	1,838	1,943	1,953	1,980	2,047	2,063	2,057	2,254	2,202
New entrants	817	782	824	830	844	914	903	982	972	963	1,006	1,066
PERCENT DISTRIBUTION												
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers	41.3	43.0	45.0	47.4	52.4	54.2	53.2	50.4	50.5	51.3	54.1	56.1
On layoff	12.9	13.9	15.4	16.9	21.6	21.9	19.0	16.5	16.5	16.3	20.1	19.1
Other job losers	28.4	29.2	29.6	30.5	30.7	32.4	34.2	33.9	34.1	34.9	34.0	37.1
Job leavers	14.9	14.3	13.5	12.6	12.0	10.9	11.0	11.5	11.6	11.3	10.3	9.4
Reentrants	30.1	30.0	28.5	27.6	24.9	23.7	24.6	25.8	25.7	25.5	24.7	23.2
New entrants	13.8	12.7	13.0	12.5	10.8	11.1	11.2	12.4	12.1	11.9	11.0	11.2
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE												
Job losers	2.3	2.5	2.7	3.0	3.8	4.2	4.0	3.7	3.7	3.8	4.5	4.9
Job leavers	.8	.8	.8	.8	.9	.8	.8	.8	.9	.8	.9	.8
Reentrants	1.7	1.8	1.7	1.7	1.8	1.8	1.8	1.9	1.9	1.9	2.1	2.0
New entrants	.8	.7	.8	.8	.8	.9	.8	.9	.9	.9	.9	1.0

A-51. Employed persons by sex and age, seasonally adjusted

[In thousands]

Sex and age	1979			1980				1981				198
	II	III	IV	I	II	III	IV	I	II	III	IV	I
Total, 16 years and over	98,389	99,112	99,653	99,784	98,953	99,006	99,498	100,125	100,784	100,654	100,043	99,554
16 to 19 years	8,081	8,005	8,070	7,955	7,717	7,593	7,573	7,476	7,341	7,176	6,914	6,733
16 to 17 years	3,317	3,288	3,339	3,250	3,116	3,040	3,017	2,993	2,898	2,837	2,747	2,679
18 to 19 years	4,749	4,711	4,723	4,717	4,593	4,557	4,554	4,481	4,443	4,332	4,180	4,064
20 to 24 years	14,336	14,357	14,320	14,246	14,026	14,002	14,096	14,158	14,150	14,191	13,994	13,805
25 years and over	75,954	76,752	77,247	77,573	77,240	77,431	77,802	78,470	79,324	79,315	79,104	78,994
25 to 54 years	61,421	62,202	62,605	62,941	62,676	62,877	63,352	63,988	64,706	64,873	64,755	64,741
55 years and over	14,502	14,572	14,643	14,639	14,533	14,576	14,445	14,484	14,593	14,459	14,349	14,246
Males, 16 years and over	57,497	57,729	57,785	57,743	56,996	56,835	57,187	57,395	57,621	57,554	57,014	56,586
16 to 19 years	4,314	4,292	4,287	4,265	4,109	3,986	3,976	3,947	3,854	3,768	3,687	3,536
16 to 17 years	1,801	1,789	1,798	1,780	1,685	1,618	1,609	1,593	1,512	1,511	1,488	1,424
18 to 19 years	2,501	2,500	2,490	2,493	2,417	2,378	2,363	2,354	2,338	2,261	2,204	2,117
20 to 24 years	7,802	7,809	7,789	7,707	7,519	7,433	7,489	7,520	7,512	7,577	7,401	7,285
25 years and over	45,394	45,636	45,693	45,763	45,389	45,434	45,698	45,913	46,281	46,219	45,898	45,765
25 to 54 years	36,550	36,729	36,803	36,863	36,556	36,619	36,904	37,118	37,487	37,530	37,287	37,178
55 years and over	8,839	8,912	8,882	8,906	8,831	8,820	8,785	8,797	8,795	8,691	8,606	8,561
Females, 16 years and over	40,852	41,383	41,868	42,041	41,957	42,171	42,311	42,733	43,163	43,100	43,029	42,968
16 to 19 years	3,767	3,714	3,783	3,690	3,608	3,607	3,597	3,529	3,486	3,408	3,227	3,198
16 to 17 years	1,516	1,499	1,542	1,469	1,432	1,422	1,409	1,400	1,378	1,326	1,258	1,255
18 to 19 years	2,248	2,212	2,238	2,224	2,176	2,179	2,190	2,127	2,106	2,071	1,976	1,967
20 to 24 years	6,533	6,548	6,531	6,539	6,506	6,569	6,607	6,639	6,638	6,604	6,594	6,520
25 years and over	30,560	31,116	31,554	31,807	31,851	31,997	32,104	32,557	33,043	33,096	33,205	33,250
25 to 54 years	24,871	25,474	25,802	26,081	26,120	26,257	26,448	26,870	27,219	27,343	27,467	27,563
55 years and over	5,664	5,661	5,762	5,733	5,702	5,756	5,660	5,687	5,798	5,768	5,742	5,686

A-52. Employed persons by selected social and economic categories, seasonally adjusted

(In thousands)

Category	1979			1980				1981				1982	
	II	III	IV	I	II	III	IV	I	II	III	IV	I	II
CHARACTERISTIC													
Total, 16 years and over	98,349	99,112	99,653	99,784	98,953	99,006	99,498	100125	100784	100654	100043	99,554	99,740
Married men, spouse present	39,655	39,886	39,619	39,498	38,930	38,699	38,314	38,980	39,079	38,926	38,547	38,223	38,269
Married women, spouse present	22,898	23,278	23,466	23,576	23,520	23,486	23,558	23,850	24,092	23,943	23,795	23,790	24,148
OCCUPATION													
White collar workers	50,101	50,573	51,004	51,408	51,680	52,177	52,280	52,754	52,943	52,985	53,123	52,813	53,489
Professional and technical	15,394	15,416	15,497	15,738	15,967	16,015	16,161	16,225	16,227	16,528	16,704	16,691	16,905
Managers and administrators, except farm	10,654	10,834	10,876	10,954	11,067	11,255	11,287	11,638	11,505	11,529	11,500	11,219	11,515
Sales workers	6,243	6,287	6,428	6,363	6,162	6,329	6,357	6,384	6,455	6,435	6,423	6,567	6,579
Clerical workers	17,810	18,037	18,203	18,353	18,485	18,578	18,475	18,506	18,756	18,499	18,496	18,337	18,490
Blue collar workers	32,453	32,710	32,783	32,397	31,325	30,860	31,297	31,211	31,673	31,486	30,660	30,309	29,855
Craft and kindred workers	13,039	13,147	13,227	13,029	12,759	12,653	12,728	12,710	12,828	12,675	12,434	12,445	12,338
Operatives, except transport	10,969	11,133	11,181	10,875	10,507	10,343	10,540	10,556	10,703	10,634	10,266	9,927	9,643
Transport equipment operatives	3,688	3,667	3,656	3,650	3,529	3,463	3,488	3,439	3,481	3,521	3,462	3,438	3,411
Nonfarm laborers	4,757	4,763	4,719	4,844	4,529	4,401	4,549	4,505	4,661	4,656	4,497	4,499	4,464
Service workers	13,057	13,024	13,225	13,247	13,213	13,253	13,209	13,358	13,384	13,400	13,611	13,616	13,695
Farm workers	2,694	2,734	2,735	2,756	2,712	2,720	2,793	2,748	2,761	2,741	2,748	2,771	2,671
MAJOR INDUSTRY AND CLASS OF WORKER													
Agriculture													
Wage and salary workers	1,448	1,493	1,469	1,468	1,423	1,389	1,437	1,428	1,499	1,486	1,430	1,407	1,465
Self-employed workers	1,551	1,604	1,622	1,628	1,628	1,661	1,648	1,642	1,660	1,625	1,625	1,638	1,679
Unpaid family workers	295	314	299	286	287	301	313	296	261	252	270	339	252
Nonagricultural industries													
Wage and salary workers	87,834	88,365	89,010	89,023	88,297	88,237	88,521	89,234	89,941	89,781	89,230	88,624	88,660
Government	15,625	15,668	15,717	15,795	15,978	15,949	15,939	15,931	15,789	15,546	15,491	15,532	15,503
Private industries	72,209	72,698	73,293	73,228	72,319	72,289	72,582	73,303	74,152	74,235	73,739	73,091	73,156
Private households	1,224	1,266	1,259	1,174	1,208	1,212	1,172	1,215	1,206	1,192	1,219	1,211	1,198
Other industries	70,985	71,431	72,035	72,054	71,111	71,076	71,510	72,087	72,946	73,042	72,520	71,880	71,958
Self-employed workers	6,725	6,875	6,895	6,965	6,899	7,037	7,107	7,058	7,081	7,130	7,117	7,051	7,284
Unpaid family workers	478	470	422	402	420	419	409	393	352	392	429	417	397
PERSONS AT WORK[1]													
Nonagricultural industries	89,268	90,558	90,616	90,611	89,861	89,817	90,553	91,338	91,446	91,660	91,210	90,522	90,986
Full time schedules	73,687	74,617	74,585	74,366	73,160	72,960	73,871	74,441	74,608	74,627	73,720	72,827	72,677
Part time for economic reasons	3,386	3,354	3,460	3,546	4,171	4,290	4,216	4,323	4,166	4,460	5,108	5,450	5,680
Usually work full time	1,319	1,389	1,472	1,504	1,871	1,816	1,664	1,686	1,572	1,723	2,024	2,071	2,166
Usually work part time	2,067	1,964	1,988	2,042	2,300	2,474	2,553	2,657	2,594	2,737	3,084	3,379	3,514
Part time for noneconomic reasons	12,196	12,588	12,572	12,700	12,531	12,566	12,466	12,575	12,673	12,573	12,382	12,245	12,608

[1] Excludes persons "with a job but not at work" during the survey period for such reasons as vacation, illness, or industrial dispute.

HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES

A-53. Persons not in labor force by reason, sex, and race, seasonally adjusted

(In thousands)

Reason, sex, and race	1979			1980				1981				198
	II	III	IV	I	II	III	IV	I	II	III	IV	I
TOTAL												
Total not in labor force	60,145	59,936	60,083	60,308	60,648	60,907	61,171	61,172	61,002	61,746	61,834	62,367
Do not want job now	54,669	54,029	54,684	54,808	55,068	55,479	55,657	55,245	55,555	56,079	56,053	56,095
Current activity												
Going to school	6,129	6,044	6,179	6,252	6,386	6,768	6,360	6,304	6,637	6,556	6,522	6,323
Ill, disabled	4,613	4,606	4,610	4,722	4,542	4,194	4,378	4,166	4,256	4,352	4,320	4,020
Keeping house	29,724	29,299	29,274	29,000	29,297	29,302	29,484	28,894	28,762	28,930	28,535	29,103
Retired	10,171	10,163	10,495	10,807	10,723	11,145	11,198	11,520	11,731	11,929	12,140	12,105
Other	4,032	3,916	4,126	4,027	4,120	4,070	4,238	4,361	4,168	4,312	4,536	4,545
Want a job now	5,349	5,660	5,455	5,602	5,626	5,861	5,711	5,927	5,727	5,668	6,019	6,162
Reason not looking												
School attendance	1,425	1,605	1,522	1,493	1,502	1,631	1,508	1,575	1,562	1,518	1,569	1,641
Ill health, disability	706	799	784	771	748	806	714	802	726	708	832	775
Home responsibilities	1,271	1,296	1,278	1,330	1,233	1,284	1,211	1,287	1,300	1,176	1,374	1,347
Think cannot get job	841	762	781	948	955	1,006	1,063	1,093	1,043	1,094	1,199	1,339
Job-market factors	538	541	487	601	648	687	720	849	718	801	883	1,074
Personal factors	303	222	294	347	306	318	343	244	325	293	316	264
Other reasons[1]	1,108	1,198	1,090	1,060	1,193	1,134	1,215	1,171	1,096	1,171	1,046	1,061
Males												
Total not in labor force	17,345	17,323	17,552	17,646	17,811	18,008	18,137	18,299	18,325	18,734	18,733	19,122
Do not want job now	15,651	15,449	15,785	15,960	15,972	16,198	16,387	16,336	16,588	16,952	16,862	16,837
Want a job now	1,620	1,893	1,752	1,751	1,840	1,954	1,842	1,947	1,861	1,831	2,000	2,096
Reason not looking												
School attendance	710	854	758	720	772	852	745	813	775	725	787	901
Ill health, disability	282	370	344	321	348	367	299	372	329	323	414	319
Think cannot get job	283	292	290	358	332	382	361	375	414	383	435	516
Other reasons[1]	346	376	360	352	388	353	437	387	343	399	365	360
Females												
Total not in labor force	42,800	42,613	42,531	42,662	42,836	42,899	43,034	42,872	42,677	43,012	43,101	43,245
Do not want job now	39,018	38,580	38,899	38,848	39,097	39,281	39,270	38,909	38,966	39,127	39,191	39,259
Want a job now	3,729	3,767	3,703	3,852	3,786	3,906	3,869	3,980	3,866	3,836	4,019	4,067
Reason not looking												
School attendance	715	750	765	772	730	778	763	761	787	793	782	740
Ill health, disability	423	429	439	450	396	439	415	430	397	385	418	456
Home responsibilities	1,271	1,296	1,278	1,330	1,233	1,284	1,211	1,287	1,300	1,176	1,374	1,347
Think cannot get job	558	470	491	591	623	624	702	718	630	711	764	823
Other reasons	762	822	730	708	804	781	778	784	753	772	681	701
White												
Total not in labor force	52,182	52,041	52,100	52,031	52,305	52,702	52,873	52,601	52,420	53,106	53,240	53,623
Do not want job now	48,191	47,703	47,865	47,885	48,194	48,472	48,658	48,259	48,370	48,902	48,852	49,065
Want a job now	4,029	4,262	4,100	4,283	4,201	4,226	4,178	4,333	4,133	4,116	4,401	4,414
Reason not looking												
School attendance	988	1,164	1,129	1,070	1,106	1,101	1,069	1,116	1,057	990	1,156	1,177
Ill health, disability	523	552	522	555	558	583	502	564	523	504	568	513
Home responsibilities	969	992	1,002	1,101	957	981	926	959	983	863	1,034	1,006
Think cannot get job	601	546	554	670	640	699	684	744	708	744	807	868
Other reasons	947	1,008	993	886	940	903	997	950	863	1,015	836	850
Black and other												
Total not in labor force	7,944	7,919	7,972	8,279	8,310	8,213	8,316	8,601	8,550	8,653	8,599	8,764
Do not want job now	6,593	6,583	6,720	6,824	6,864	6,699	6,911	6,859	6,933	7,217	7,104	6,844
Want a job now	1,281	1,383	1,323	1,373	1,393	1,599	1,493	1,665	1,558	1,558	1,589	1,836
Reason not looking												
School attendance	418	406	417	429	377	474	471	467	483	497	451	473
Ill health, disability	196	239	237	228	206	251	186	256	220	203	234	277
Home responsibilities	285	310	275	247	262	300	287	342	303	312	348	361
Think cannot get job	230	217	210	301	309	310	356	387	326	351	364	521
Other reasons	154	212	184	168	240	264	194	213	226	194	192	204

[1] Includes small number of men not looking for work because of "home responsibilities."

A-54. Persons not in labor force by reason, sex, and age

(In thousands)

Reason and sex	Total		Age							
			16 to 19 years		20 to 24 years		25 to 59 years		60 years and over	
	II 1981	II 1982	II 1981	II 1982	II 1981	II 1982	II 1981	II 1982	II 1981	II 1982
TOTAL										
Total not in labor force	61,039	61,921	7,053	7,116	4,721	4,779	21,985	2.,963	27,280	28,063
Do not want a job now	55,019	55,023	5,176	5,067	3,521	3,524	19,471	18,948	26,849	27,485
Current activity:										
Going to school	5,753	5,898	3,753	3,885	1,344	1,332	632	666	21	16
Ill, disabled	4,295	4,091	30	31	122	91	2,132	1,879	2,010	2,090
Keeping house	29,183	28,665	532	393	1,612	1,635	14,439	13,938	12,601	12,699
Retired	11,790	12,211	—	—	—	—	228	236	11,561	11,976
Other	3,998	4,158	861	758	443	466	2,040	2,229	656	704
Want a job now	6,020	6,899	1,878	2,049	1,201	1,254	2,513	3,014	430	582
Reason not looking:										
School attendance	2,053	2,216	1,408	1,543	442	449	203	223	2	—
Ill health, disability	723	768	33	24	65	62	487	492	139	190
Home responsibilities	1,234	1,424	54	103	312	308	840	991	29	22
Think cannot get job	1,002	1,441	199	207	163	236	496	760	142	239
Job-market factors	711	1,073	140	147	128	189	370	596	74	140
Personal factors	291	367	61	61	36	46	126	162	68	98
Other reasons[1]	1,008	1,050	184	172	219	199	487	548	118	131
Males										
Total not in labor force	18,179	18,805	3,700	3,296	1,425	1,531	3,373	3,462	10,182	10,516
Do not want a job now	16,091	16,403	2,263	2,258	1,043	1,069	2,821	2,818	9,963	10,255
Current activity:										
Going to school	2,851	2,973	1,815	1,896	717	745	312	327	8	3
Ill, disabled	2,252	2,257	17	17	62	49	1,185	1,081	989	1,109
Keeping house	270	293	9	8	8	14	95	69	158	203
Retired	8,530	8,661	—	—	—	—	191	199	8,337	8,461
Other	2,188	2,219	422	337	256	261	1,038	1,142	471	479
Want a job now	2,089	2,402	937	1,037	381	461	551	643	217	261
Reason not looking:										
School attendance	1,036	1,178	724	844	211	238	101	96	—	—
Ill health, disability	333	336	19	12	35	27	203	208	74	89
Think cannot get job	393	562	119	109	56	124	134	206	83	122
Other reasons[1]	327	326	75	72	79	72	113	133	60	50
Females										
Total not in labor force	42,859	43,116	3,853	3,820	3,296	3,248	18,611	18,501	17,098	17,547
Do not want a job now	38,928	38,622	2,914	2,806	2,477	2,458	16,650	16,128	16,887	17,227
Current activity:										
Going to school	2,902	2,926	1,941	1,987	627	588	322	338	14	12
Ill, disabled	2,043	1,835	14	13	61	42	947	797	1,024	981
Keeping house	28,913	28,372	521	384	1,603	1,623	14,344	13,870	12,442	12,495
Retired	3,260	3,550	—	—	—	—	36	37	3,224	3,514
Other	1,810	1,939	438	422	186	205	1,001	1,086	183	225
Want a job now	3,931	4,495	940	1,015	819	789	1,959	2,375	212	321
Reason not looking:										
School attendance	1,017	1,037	683	700	231	210	100	128	2	—
Ill health, disability	390	432	13	13	29	34	283	285	64	101
Home responsibilities	1,234	1,424	54	103	312	308	840	991	29	22
Think cannot get job	609	878	80	97	107	111	363	554	59	117
Other reasons	681	724	110	102	140	126	373	417	58	81

[1] Includes small number of men not looking for work because of "home responsibilities."

NOTE: Detail in tables A-54, A-55, and A-57 may not add to not in labor force totals because of differences in the weighting patterns used in aggregating these data.

HOUSEHOLD DATA
QUARTERLY AVERAGES

A-55. Persons not in labor force by reason, race, age, and sex

(In thousands)

Reason and race	Total		Age						Sex			
			16 to 24 years		25 to 59 years		60 years and over		Males		Females	
	II 1981	II 1982	II 1981	II 1982	II 1981	II 1982	II 1981	II 1982	II 1981	II 1982	II 1981	
WHITE												
Total not in labor force	52,449	53,098	9,090	9,098	18,708	18,693	24,650	25,307	15,243	15,811	37,205	
Do not want a job now	48,098	48,196	6,418	6,819	16,879	16,547	24,294	24,829	13,766	14,083	34,332	
Current activity												
Going to school	4,459	4,562	3,993	4,047	460	505	6	11	2,220	2,325	2,239	
Ill, disabled	3,385	3,331	111	83	1,634	1,535	1,639	1,715	1,812	1,875	1,573	
Keeping house	26,329	25,908	1,810	1,719	12,912	12,513	11,603	11,675	238	256	26,091	
Retired	10,657	11,005	--	--	204	207	10,451	10,797	7,754	7,830	2,903	
Other	3,268	3,390	1,004	970	1,669	1,787	595	631	1,742	1,797	1,526	
Want a job now	4,351	4,903	2,169	2,278	1,830	2,146	358	480	1,478	1,729	2,873	
Reason not looking												
School attendance	1,439	1,594	1,329	1,439	107	156	2	--	735	861	704	
Ill health, disability	507	538	76	52	332	338	94	147	225	254	277	
Home responsibilities	934	986	250	243	662	728	25	15	--	--	934	
Think cannot get job	668	938	216	258	333	490	120	191	257	353	411	
Other reasons [1]	808	847	298	286	396	434	117	127	261	261	547	
BLACK AND OTHER												
Total not in labor force	8,590	8,823	2,684	2,797	3,276	3,271	2,629	2,756	2,936	2,994	5,654	
Do not want a job now	6,923	6,830	1,777	1,776	2,591	2,399	2,552	2,655	2,326	2,322	4,597	
Current activity												
Going to school	1,295	1,337	1,106	1,171	172	163	15	4	631	649	664	
Ill, disabled	910	759	42	39	498	344	372	375	440	382	470	
Keeping house	2,656	2,758	331	310	1,526	1,424	997	1,024	34	36	2,622	
Retired	1,132	1,207	--	--	23	28	1,108	1,179	775	831	357	
Other	730	768	298	256	372	440	60	73	446	422	284	
Want a job now	1,667	1,995	907	1,024	685	872	79	101	610	673	1,057	
Reason not looking												
School attendance	613	621	519	553	94	68	--	--	301	317	312	
Ill health, disability	221	231	21	34	156	155	44	43	108	82	113	
Home responsibilities	300	438	116	170	179	263	5	6	--	--	300	
Think cannot get job	334	503	147	183	165	272	22	48	136	209	198	
Other reasons [1]	199	202	104	84	91	114	4	4	65	65	134	

[1] Includes small number of men not looking for work because of "home responsibilities."

A-56. Persons not in labor force who desire work but think they cannot get jobs by reason, sex, age, an

(In thousands)

Reason and sex	Total	2nd Quarter 1982					
		Age				Race	
		16 to 19 years	20 to 24 years	25 to 59 years	60 years and over	White	B
TOTAL							
Personal factors							
Employers think too young or old	129	13	--	31	84	117	
Lacks education or training	164	44	35	80	5	84	
Other personal handicap	74	4	11	49	9	53	
Job market factors							
Could not find job	584	104	112	305	62	345	2
Thinks no job available	489	43	77	291	78	339	1
Males							
Personal factors							
Employers think too young or old	53	7	--	5	41	48	
Lacks education or training	44	20	18	7	--	25	
Other personal handicap	27	4	7	12	5	18	
Job market factors							
Could not find job	270	60	74	105	31	150	1
Thinks no job available	168	19	25	79	45	112	
Females							
Personal factors							
Employers think too young or old	77	6	--	28	42	69	
Lacks education or training	120	24	18	74	5	59	
Other personal handicap	47	--	4	37	4	35	
Job market factors							
Could not find job	313	44	37	200	32	195	1
Thinks no job available	321	24	51	213	34	227	

A-57. Most recent work experience of persons not in labor force and reason for leaving last job for those who worked during the previous 12 months by sex, age, and race

(Numbers in thousands)

Most recent work experience, reason for leaving last job, and sex	Total		Age						Race			
			16 to 24 years		25 to 59 years		60 years and over		White		Black and other	
	II 1981	II 1982	II 1981	II 1982	II 1981	II 1982	II 1981	II 1982	II 1981	II 1982	II 1981	II 1982
Total, not in labor force	61,039	61,921	11,774	11,895	21,965	21,963	27,280	28,063	52,449	53,098	8,590	8,823
Never worked	9,842	10,126	5,205	5,489	2,202	2,189	2,435	2,449	7,835	7,769	2,010	2,361
Last worked over 5 years ago	31,175	31,412	344	320	10,977	10,704	19,853	20,387	27,643	27,791	3,533	3,620
Last worked 1 to 5 years ago	10,635	11,278	1,953	1,950	5,103	5,578	1,579	1,750	9,108	9,519	1,527	1,761
Left job during previous 12 months	9,166	9,105	4,271	4,137	3,702	3,491	1,392	1,477	6,065	5,930	1,301	1,175
Percent distribution by reason	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
School, home responsibilities	19.9	20.5	53.2	52.8	16.5	15.9	8.0	4.6	16.8	16.8	14.3	17.0
Ill health, disability	8.4	7.0	2.4	1.2	12.4	11.5	13.9	12.8	7.7	6.9	11.3	8.4
Retirement, old age	6.7	10.3	--	--	1.8	2.1	46.2	54.1	9.6	11.1	2.9	3.1
Economic reasons	22.3	23.0	16.7	19.0	27.6	28.5	19.3	20.4	21.3	22.3	23.1	20.1
End of seasonal job	8.0	7.8	7.7	8.3	9.2	8.1	5.8	4.9	7.8	7.4	9.7	10.3
Slack work	7.7	8.9	5.7	6.1	10.6	12.3	6.2	8.5	7.1	8.4	11.3	12.1
End of temporary job	6.6	6.3	3.3	4.4	7.7	8.1	7.3	7.0	6.5	6.5	8.5	5.4
All other reasons	20.8	21.1	21.7	27.0	19.8	20.0	8.8	7.8	20.4	21.1	21.2	23.3
Males, not in labor force	18,179	18,805	4,625	4,627	3,373	3,462	10,182	10,516	15,241	15,811	2,936	2,994
Never worked	2,422	2,607	2,097	2,299	290	257	35	50	1,671	1,799	751	808
Last worked over 5 years ago	9,698	9,871	54	44	1,155	1,316	7,290	7,450	8,603	8,749	1,096	1,122
Last worked 1 to 5 years ago	3,613	3,731	547	539	982	1,041	2,085	2,150	3,066	3,165	548	565
Left job during previous 12 months	1,446	1,596	1,926	1,746	749	846	772	864	1,884	2,117	562	479
Percent distribution by reason	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
School, home responsibilities	11.2	11.9	49.4	50.1	19.8	17.6	5.8	3.7	11.0	12.0	14.2	11.1
Ill health, disability	10.8	8.3	3.2	1.9	23.4	22.3	14.4	12.2	9.8	8.6	19.4	8.1
Retirement, old age	15.4	17.3	--	--	12.0	13.4	57.1	59.1	17.6	18.6	2.1	4.4
Economic reasons	19.3	21.2	19.7	20.4	20.5	25.0	17.0	19.6	18.7	19.5	20.2	12.6
End of seasonal job	7.7	7.3	9.3	9.9	6.0	4.7	5.6	5.1	6.1	7.0	5.9	5.4
Slack work	6.8	8.6	5.5	6.1	11.0	14.8	5.1	8.3	7.8	7.3	10.4	13.2
End of temporary job	4.9	5.4	4.9	4.4	3.5	3.5	6.2	7.3	4.8	5.0	3.1	3.9
All other reasons	21.5	21.4	27.1	28.5	21.8	21.9	5.7	5.1	21.0	21.3	24.9	21.7
Females, not in labor force	42,859	43,116	7,149	7,268	18,611	18,501	17,098	17,547	37,205	37,287	5,654	5,829
Never worked	7,420	7,519	3,109	3,189	1,913	1,932	2,399	2,399	5,961	5,960	1,259	1,559
Last worked over 5 years ago	21,476	22,541	291	276	9,823	9,328	12,563	12,937	20,040	20,842	2,437	2,498
Last worked 1 to 5 years ago	7,041	7,546	1,405	1,412	4,122	4,335	1,515	1,800	6,022	6,671	1,019	1,076
Left job during previous 12 months	6,920	6,309	1,345	1,190	2,955	2,906	621	613	5,181	4,813	739	696
Percent distribution by reason	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
School, home responsibilities	43.7	42.9	36.3	35.1	40.8	41.2	10.8	6.2	45.1	43.1	34.3	41.1
Ill health, disability	7.1	6.1	1.8	1.5	6.7	8.4	13.8	13.6	6.6	5.6	10.6	10.8
Retirement, old age	4.7	5.6	--	--	1.7	1.4	11.0	14.7	5.1	6.3	2.0	2.6
Economic reasons	24.1	24.1	17.9	17.8	29.3	29.0	22.7	22.9	23.1	24.0	30.8	24.4
End of seasonal job	8.1	8.1	6.4	7.0	10.1	9.1	5.8	6.7	7.8	8.6	11.4	10.9
Slack work	8.3	9.1	5.8	6.2	10.5	11.6	7.6	8.2	7.8	9.0	11.8	9.8
End of temporary job	7.6	6.9	5.6	4.4	8.8	8.3	9.3	7.9	7.7	6.4	7.1	5.7
All other reasons	20.4	21.0	24.1	25.6	19.3	19.3	11.7	11.1	20.1	21.0	23.3	21.4

A-58. Work-seeking intentions of persons not in labor force and work history of those who intend to seek work within the next 12 months by sex, age, and race

(In thousands)

Work-seeking intentions, work history, and sex	Total		Age						Race			
			16 to 24 years		25 to 59 years		60 years and over		White		Black and other	
	II 1981	II 1982	II 1981	II 1982	II 1981	II 1982	II 1981	II 1982	II 1981	II 1982	II 1981	II 1982
Total												
Do not intend to seek work	52,125	52,540	6,777	6,738	18,565	18,225	26,783	27,576	45,568	46,001	6,557	6,539
Intend to seek work in the next 12 months	6,912	9,380	4,997	5,157	3,420	3,737	496	456	6,880	7,096	2,032	2,284
Never worked	1,854	2,063	1,704	1,891	148	171	2	1	1,277	1,340	577	723
Last worked over 5 years ago	1,021	1,139	93	61	777	913	151	144	764	849	257	290
Last worked 1 to 5 years ago	2,105	2,240	784	769	1,168	1,270	173	202	1,583	1,640	523	599
Worked during previous 12 months	3,932	3,934	2,434	2,436	1,326	1,363	170	140	3,256	3,268	675	671
Males												
Do not intend to seek work	15,060	15,433	2,426	2,463	2,691	2,694	9,947	10,276	12,852	13,266	2,209	2,166
Intend to seek work in the next 12 months	3,118	3,372	2,199	2,365	682	768	239	240	2,991	2,944	727	828
Never worked	803	936	774	898	29	37	--	1	562	608	241	328
Last worked over 5 years ago	179	191	16	16	107	121	56	53	124	132	55	59
Last worked 1 to 5 years ago	569	645	246	259	225	271	98	116	424	460	145	155
Worked during previous 12 months	1,567	1,601	1,163	1,192	322	339	83	70	1,881	1,745	286	255
Females												
Do not intend to seek work	37,064	37,107	4,352	4,275	15,873	15,532	16,840	17,300	32,716	32,735	4,348	4,372
Intend to seek work in the next 12 months	5,794	6,008	2,798	2,793	2,738	2,968	259	247	4,489	4,552	1,305	1,456
Never worked	1,051	1,127	931	993	119	134	2	--	713	732	336	395
Last worked over 5 years ago	842	948	77	46	671	812	95	91	640	717	202	231
Last worked 1 to 5 years ago	1,536	1,595	520	509	944	1,000	75	86	1,159	1,160	376	414
Worked during previous 12 months	2,365	2,339	1,271	1,246	1,005	1,023	87	70	1,975	1,923	389	416

A-59. Employment status of the noninstitutional population by sex, age, race, and Hispanic origin

(Numbers in thousands)

Employment status, sex, and age	Total		White		Black		Hispanic
	II 1981	II 1982	II 1981	II 1982	II 1981	II 1982	II 1981
TOTAL							
Civilian noninstitutional population	169,837	172,029	147,671	149,309	18,171	18,541	9,199
Civilian labor force	108,798	110,099	95,222	96,211	11,058	11,210	5,941
Percent of population	64.1	64.0	64.5	64.4	60.9	60.5	64.6
Employed	100,873	99,833	89,156	88,308	9,368	9,136	5,363
Agriculture	3,547	3,526	3,258	3,256	215	200	263
Nonagricultural industries	97,326	96,307	85,898	85,053	9,173	8,937	5,103
Unemployed	7,926	10,266	6,065	7,903	1,670	2,074	578
Unemployment rate	7.3	9.3	6.4	8.2	15.1	18.5	9.7
Not in labor force	61,039	61,921	52,449	53,098	7,113	7,330	3,258
Males, 20 years and over							
Civilian noninstitutional population	72,251	73,492	63,568	64,569	6,988	7,165	3,853
Civilian labor force	57,271	57,983	50,773	51,256	5,217	5,341	3,280
Percent of population	79.3	78.9	79.9	79.4	74.7	74.5	85.1
Employed	53,873	53,178	48,117	47,488	4,554	4,446	3,005
Agriculture	2,445	2,473	2,227	2,269	166	154	199
Nonagricultural industries	51,428	50,705	45,890	45,219	4,388	4,292	2,806
Unemployed	3,398	4,805	2,656	3,768	663	895	276
Unemployment rate	5.9	8.3	5.2	7.4	12.7	16.8	8.4
Not in labor force	14,980	15,509	12,794	13,308	1,767	1,824	573
Females, 20 years and over							
Civilian noninstitutional population	81,312	82,703	70,527	71,613	8,894	9,120	4,176
Civilian labor force	42,306	43,407	36,294	37,212	4,952	5,078	2,101
Percent of population	52.0	52.5	51.5	52.0	55.7	55.7	50.3
Employed	39,596	39,974	34,299	34,557	4,307	4,306	1,934
Agriculture	635	640	595	593	23	31	33
Nonagricultural industries	38,961	39,334	33,704	34,364	4,284	4,275	1,901
Unemployed	2,710	3,433	1,996	2,654	645	772	167
Unemployment rate	6.4	7.9	5.5	6.9	13.0	15.2	7.9
Not in labor force	39,006	39,296	34,233	34,401	3,943	4,041	2,076
Both sexes, 16-19 years							
Civilian noninstitutional population	16,275	15,825	13,576	13,132	2,293	2,256	1,170
Civilian labor force	9,221	8,709	8,155	7,743	890	791	563
Percent of population	56.7	55.0	60.1	59.0	38.8	35.1	47.9
Employed	7,405	6,681	6,741	6,163	527	384	424
Agriculture	467	412	437	394	27	15	29
Nonagricultural industries	6,938	6,268	6,304	5,769	501	369	396
Unemployed	1,817	2,028	1,415	1,580	362	407	135
Unemployment rate	19.7	23.3	17.3	20.4	40.7	51.5	24.2
Not in labor force	7,053	7,116	5,421	5,389	1,403	1,465	610

A-60 Employment status of persons of Mexican, Puerto Rican, and Cuban origin by sex and age

(Numbers in thousands)

Employment status, sex, and age	Total Hispanic origin[1]		Mexican origin		Puerto Rican origin		Cuban origin	
	II 1981	II 1982	II 1981	II 1982	II 1981	II 1982	II 1981	II 1981
TOTAL								
Civilian noninstitutional population	9,199	9,320	5,612	5,607	1,131	1,186	730	713
Civilian labor force	5,941	5,975	3,759	3,732	567	599	479	452
Percent of population	64.6	64.1	67.0	66.6	50.1	50.5	65.6	63.4
Employed	5,363	5,188	3,382	3,265	492	496	445	403
Agriculture	260	256	236	233	6	4	3	4
Nonagricultural industries	5,103	4,932	3,147	3,032	486	492	442	400
Unemployed	578	787	376	467	75	103	34	49
Unemployment rate	9.7	13.2	10.0	12.5	13.2	17.2	7.0	10.8
Not in labor force	3,258	3,345	1,853	1,875	564	587	251	261
Males, 20 years and over								
Civilian noninstitutional population	3,853	3,861	2,435	2,385	422	434	321	311
Civilian labor force	3,280	3,266	2,134	2,082	318	336	261	236
Percent of population	85.1	84.6	87.6	87.3	75.4	77.4	81.3	75.9
Employed	3,005	2,900	1,956	1,852	279	287	244	221
Agriculture	199	197	181	177	4	3	3	4
Nonagricultural industries	2,806	2,703	1,775	1,675	275	284	241	217
Unemployed	276	366	178	230	40	49	17	16
Unemployment rate	8.4	11.2	8.3	11.0	12.5	14.7	6.3	6.6
Not in labor force	572	595	301	303	104	98	60	75
Females, 20 years and over								
Civilian noninstitutional population	4,176	4,293	2,430	2,458	548	589	341	343
Civilian labor force	2,101	2,156	1,208	1,248	214	216	193	185
Percent of population	50.3	50.2	49.7	50.8	39.1	36.7	56.6	53.9
Employed	1,934	1,888	1,107	1,122	196	179	181	160
Agriculture	33	30	27	28	3	1	--	--
Nonagricultural industries	1,901	1,858	1,080	1,094	194	178	181	160
Unemployed	167	267	101	127	17	37	12	24
Unemployment rate	7.9	12.4	8.4	10.2	8.2	17.2	6.4	13.2
Not in labor force	2,076	2,137	1,222	1,209	334	373	147	158
Both sexes, 16-19 years								
Civilian noninstitutional population	1,170	1,167	747	764	162	163	68	59
Civilian labor force	560	554	417	402	35	47	24	32
Percent of population	47.9	47.5	55.8	52.6	21.6	28.8	35.3	(2)
Employed	424	400	319	291	17	30	20	23
Agriculture	29	29	27	28	--	--	--	--
Nonagricultural industries	396	371	292	263	17	30	20	23
Unemployed	135	153	98	111	18	17	5	9
Unemployment rate	24.2	27.7	23.4	27.5	(2)	(2)	(2)	(2)
Not in labor force	610	613	330	363	127	116	44	27

[1] Includes persons of Central or South American origin and of other Hispanic origin, not shown separately.

[2] Percent not shown where base is less than 60,000.

HOUSEHOLD DATA
QUARTERLY AVERAGES

A-61. Employed persons by selected social and economic categories, race, and Hispanic origin

(In thousands)

Category	Total		White		Black and other		Hispanic origin	
	II 1981	II 1982	II 1981	II 1982	II 1981	II 1982	II 1981	
CHARACTERISTIC								
Total, 16 years and over	100,873	99,833	89,136	88,308	11,717	11,524	5,363	
Males	57,829	56,684	51,705	50,710	6,124	5,974	3,256	
Females	43,044	43,148	37,431	37,598	5,593	5,550	2,107	
OCCUPATION								
White-collar workers	52,709	53,263	47,967	48,480	4,742	4,783	1,906	
Professional and technical	16,172	16,847	14,576	15,215	1,596	1,632	448	
Managers and administrators, except farm	11,371	11,384	10,740	10,749	631	636	342	
Sales workers	6,434	6,554	6,103	6,193	331	361	209	
Clerical workers	18,732	18,477	16,548	16,323	2,184	2,154	909	
Blue-collar workers	31,837	30,020	27,749	26,186	4,088	3,834	2,406	
Craft and kindred workers	12,889	12,403	11,777	11,377	1,113	1,026	686	
Operatives, except transport	10,647	9,591	8,971	8,036	1,676	1,556	1,089	
Transport equipment operatives	3,474	3,400	2,925	2,903	548	497	210	
Nonfarm laborers	4,827	4,626	4,076	3,870	751	756	421	
Service workers	13,452	13,766	10,786	11,073	2,667	2,693	842	
Farm workers	2,875	2,783	2,655	2,569	220	214	210	
MAJOR INDUSTRY AND CLASS OF WORKER								
Agriculture								
Wage and salary workers	1,580	1,549	1,364	1,349	216	200	221	
Self-employed workers	1,673	1,694	1,605	1,628	68	66	33	
Unpaid family workers	294	283	289	279	5	4	5	
Nonagricultural industries								
Wage and salary workers	89,822	88,554	78,893	77,809	10,928	10,745	4,829	4,
Government	15,833	15,553	13,257	13,020	2,575	2,533	684	
Private industries	73,989	73,001	65,636	64,789	8,353	8,212	4,145	3,
Private households	1,201	1,195	818	871	383	323	85	
Other industries	72,788	71,806	64,818	63,918	7,970	7,889	4,060	3,
Self-employed workers	7,125	7,325	6,648	6,849	477	476	254	
Unpaid family workers	379	427	357	393	22	34	21	
FULL AND PART TIME STATUS[1]								
Full time schedules	81,794	79,348	72,170	69,977	9,624	9,371	4,510	4,
Part time for economic reasons	4,473	6,039	3,664	5,080	810	959	319	
Part time for noneconomic reasons	14,606	14,446	13,323	13,251	1,283	1,195	534	

[1] Employed persons with a job but not at work are distributed proportionately among the full- and part-time employed categories.

A-62. Employed persons of Mexican, Puerto Rican, and Cuban origin by selected social and economic categories

(In thousands)

Category	Total Hispanic origin[1]		Mexican origin		Puerto Rican origin		Cuban origin	
	II 1981	II 1982	II 1981	II 1982	II 1981	II 1982	II 1981	II 1982
CHARACTERISTIC								
Total, 16 years and over	5,363	5,188	3,382	3,265	492	496	445	403
Males	3,256	3,123	2,150	2,017	287	303	256	232
Females	2,107	2,065	1,232	1,248	205	193	189	172
OCCUPATION								
White-collar workers	1,906	1,886	1,087	1,076	198	208	191	181
Professional and technical	448	424	249	219	48	52	40	46
Managers and administrators, except farm	342	332	190	188	29	34	45	36
Sales workers	207	210	118	118	13	16	22	25
Clerical workers	909	920	530	551	108	106	84	74
Blue-collar workers	2,406	2,252	1,616	1,486	218	200	195	161
Craft and kindred workers	686	698	468	467	52	49	58	56
Operatives, except transport	1,089	965	678	600	127	98	102	78
Transport equipment operatives	210	221	142	151	14	29	15	10
Nonfarm laborers	421	368	328	268	25	24	20	17
Service workers	842	858	483	522	75	85	57	61
Farm workers	210	193	195	181	1	2	2	--
MAJOR INDUSTRY AND CLASS OF WORKER								
Agriculture:								
Wage and salary workers	221	226	207	217	4	2	2	--
Self-employed workers	33	29	24	16	2	1	2	4
Unpaid family workers	5	1	4	--	1	1	--	--
Nonagricultural industries:								
Wage and salary workers	4,829	4,657	3,014	2,878	465	478	397	357
Government	684	682	470	462	65	73	25	28
Private industries	4,155	3,976	2,544	2,415	400	406	372	329
Private households	85	88	44	57	4	--	1	--
Other industries	4,060	3,888	2,500	2,358	396	406	371	329
Self-employed workers	254	255	122	142	17	11	44	42
Unpaid family workers	21	20	12	12	3	2	--	1
FULL AND PART TIME STATUS[2]								
Full-time schedules	4,510	4,196	2,828	2,582	434	434	381	336
Part time for economic reasons	319	421	223	317	21	28	27	19
Part time for noneconomic reasons	534	571	332	367	37	35	37	49

[1] Includes persons of Central or South American origin and of other Hispanic origin, not shown separately.

[2] Employed persons with a job but not at work are distributed proportionately among the full- and part-time employed categories.

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A-63. Employed persons by sex, age, race, and Hispanic origin

(In thousands)

Sex and age	Total		White		Black		Hispanic orig
	II 1981	II 1982	II 1981	II 1982	II 1981	II 1982	II 1981
Total, 16 years and over	100,873	99,833	89,156	88,308	9,388	9,137	5,363
16 to 19 years	7,405	6,681	6,741	6,163	527	384	424
16 to 17 years	2,912	2,563	2,678	2,406	179	109	147
18 to 19 years	4,493	4,117	4,063	3,757	348	275	277
20 to 24 years	14,131	13,751	12,451	12,176	1,364	1,267	949
25 years and over	79,337	79,401	69,964	69,969	7,496	7,485	3,990
25 to 54 years	64,700	64,978	56,715	56,928	6,320	6,350	3,572
55 years and over	14,637	14,423	13,249	13,041	1,176	1,135	418
Males, 16 years and over	57,829	56,684	51,705	50,710	4,843	4,651	3,256
16 to 19 years	3,956	3,506	3,588	3,222	290	205	252
16 to 17 years	1,566	1,398	1,424	1,312	109	56	89
18 to 19 years	2,390	2,108	2,164	1,909	181	149	163
20 to 24 years	7,559	7,268	6,690	6,444	701	655	578
25 years and over	46,314	45,910	41,427	41,044	3,853	3,791	2,427
25 to 54 years	37,502	37,271	33,362	33,152	3,231	3,196	2,154
55 years and over	8,812	8,640	8,065	7,892	622	596	273
Females, 16 years and over	43,044	43,148	37,451	37,598	4,545	4,485	2,107
16 to 19 years	3,448	3,174	3,152	2,941	238	179	173
16 to 17 years	1,346	1,165	1,253	1,093	70	53	58
18 to 19 years	2,102	2,009	1,899	1,848	167	126	114
20 to 24 years	6,573	6,483	5,761	5,732	664	612	370
25 years and over	33,023	33,491	28,538	28,926	3,643	3,695	1,564
25 to 54 years	27,199	27,707	23,353	23,776	3,089	3,154	1,419
55 years and over	5,825	5,785	5,185	5,149	554	540	145

A-64. Unemployment rates by sex, age, race, and Hispanic origin

Sex and age	Total		White		Black		Hispanic ori
	II 1981	II 1982	II 1981	II 1982	II 1981	II 1982	II 1981
Total, 16 years and over	7.3	9.3	6.4	8.2	15.1	18.5	9.7
16 to 19 years	19.7	23.3	17.3	20.4	40.7	51.5	24.2
16 to 17 years	23.0	25.8	20.4	23.4	47.7	56.5	28.3
18 to 19 years	17.4	21.6	15.2	18.4	36.4	49.1	21.8
20 to 24 years	12.2	14.5	10.4	12.4	25.5	29.7	13.8
25 years and over	5.0	6.9	4.4	6.2	10.1	13.1	6.8
25 to 54 years	5.3	7.4	4.7	6.5	10.9	14.0	6.8
55 years and over	3.3	4.9	3.0	4.6	5.5	7.9	7.1
Males, 16 years and over	7.0	9.4	6.2	8.4	15.0	19.4	9.8
16 to 19 years	19.7	24.0	17.3	21.1	40.2	52.1	23.3
16 to 17 years	23.0	25.7	20.4	23.2	44.9	58.4	29.3
18 to 19 years	17.3	22.7	15.0	19.6	36.9	49.2	19.6
20 to 24 years	13.0	15.6	11.5	13.6	25.1	30.1	15.2
25 years and over	4.7	7.0	4.1	6.3	10.0	13.9	6.6
25 to 54 years	5.0	7.5	4.4	6.7	10.6	14.6	6.4
55 years and over	3.3	5.0	2.9	4.5	6.7	10.3	8.1
Females, 16 years and over	7.6	9.2	6.6	8.0	15.2	17.6	9.7
16 to 19 years	19.7	22.5	17.4	19.6	41.4	50.7	25.4
16 to 17 years	22.9	25.9	20.3	23.6	51.5	54.4	26.6
18 to 19 years	17.6	20.4	15.4	17.1	35.8	48.9	24.8
20 to 24 years	11.3	13.2	9.2	10.9	26.0	29.4	11.6
25 years and over	5.4	6.8	4.7	6.3	10.2	12.3	7.1
25 to 54 years	5.8	7.2	5.0	6.3	11.2	13.4	7.3
55 years and over	3.3	4.8	3.2	4.8	4.2	5.3	5.2

A-65. Unemployed persons by duration of unemployment, race, and Hispanic origin

(In thousands)

Weeks of unemployment	Total		White		Black and other		Hispanic origin	
	II 1981	II 1982	II 1981	II 1982	II 1981	II 1982	II 1981	II 1982
DURATION								
Total, 16 years and over	7,926	10,266	6,066	7,903	1,859	2,364	578	787
Less than 5 weeks	3,409	3,898	2,661	3,030	749	868	275	313
5 to 14 weeks	2,097	2,830	1,618	2,192	479	639	164	239
15 weeks and over	2,420	3,538	1,788	2,681	632	857	139	235
15 to 26 weeks	1,231	1,821	947	1,419	284	402	88	123
27 weeks and over	1,189	1,717	841	1,262	348	455	51	112
Average (mean) duration, in weeks	14.2	15.5	13.5	15.0	16.5	17.0	10.7	14.0
Median duration, in weeks	6.8	8.6	6.6	8.4	7.8	9.2	5.7	7.7
PERCENT DISTRIBUTION								
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5 weeks	43.0	38.0	43.9	38.3	40.3	36.7	47.6	39.8
5 to 14 weeks	26.5	27.6	26.7	27.7	25.8	27.0	28.4	30.4
15 weeks and over	30.5	34.5	29.5	33.9	34.0	36.3	24.0	29.9
15 to 26 weeks	15.5	17.7	15.6	18.0	15.3	17.0	15.2	15.6
27 weeks and over	15.0	16.7	13.9	16.0	18.7	19.2	8.8	14.2

A-66. Unemployed persons by reason for unemployment, race, and Hispanic origin

(Numbers in thousands)

Reason for unemployment	Total		White		Black and other		Hispanic origin	
	II 1981	II 1982	II 1981	II 1982	II 1981	II 1982	II 1981	II 1982
NUMBER OF UNEMPLOYED								
Total, 16 years and over	7,926	10,266	6,066	7,903	1,859	2,364	578	787
Job losers	3,896	5,817	3,047	4,588	849	1,229	325	471
On layoff	1,224	1,865	1,039	1,572	185	293	95	114
Other job losers	2,672	3,952	2,008	3,016	664	936	232	356
Job leavers	870	815	709	679	160	136	64	75
Reentrants	2,086	2,424	1,549	1,779	537	645	117	150
New entrants	1,073	1,210	761	857	313	354	71	91
PERCENT DISTRIBUTION								
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers	49.1	56.7	50.2	58.1	45.6	52.0	56.5	59.8
On layoff	15.4	18.2	17.1	19.9	9.9	12.4	16.4	14.5
Other job losers	33.7	38.5	33.1	38.2	35.7	39.6	40.1	45.3
Job leavers	11.0	7.9	11.7	8.6	8.6	5.8	11.1	9.5
Reentrants	26.3	23.6	25.5	22.5	28.9	27.3	20.2	19.1
New entrants	13.5	11.8	12.5	10.8	16.8	15.0	12.3	11.6
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE								
Job losers	3.6	5.3	3.2	4.8	6.3	8.8	5.5	7.9
Job leavers	.8	.7	.7	.7	1.2	1.0	1.1	1.3
Reentrants	1.9	2.2	1.6	1.8	4.0	4.6	2.0	2.5
New entrants	1.0	1.1	.8	.9	2.3	2.5	1.2	1.5

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A-67. Employment status of male Vietnam-era veterans and nonveterans by age

[Numbers in thousands]

Veteran status and age	Civilian noninstitutional population		Civilian labor force						
			Total		Employed		Unemployed		
							Number		Percent of labor force
	II 1981	II 1982	II 1981	II 1982	II 1981	II 1982	II 1981	II 1982	II 1981
VETERANS									
Total, 25 years and over	8,525	8,581	8,080	8,193	7,647	7,494	433	700	5.4
25 to 39 years	7,328	7,372	7,044	6,870	6,537	6,249	507	633	5.8
25 to 29 years	1,516	1,252	1,417	1,157	1,283	958	134	199	9.5
30 to 34 years	3,368	2,988	3,256	2,870	3,080	2,629	176	241	5.4
35 to 39 years	2,439	2,932	2,371	2,843	2,274	2,657	97	192	4.1
40 years and over	1,202	1,509	1,042	1,317	1,010	1,250	32	67	3.1
NONVETERANS									
Total, 25 to 39 years	17,096	18,087	16,223	17,165	15,275	15,713	949	1,451	5.8
25 to 29 years	7,817	8,129	7,385	7,672	6,972	6,909	413	763	7.0
30 to 34 years	5,415	5,907	5,162	5,660	4,886	5,213	276	447	5.3
35 to 39 years	3,864	4,052	3,676	3,832	3,516	3,591	159	241	4.3

NOTE: Vietnam-era veterans are males who served in the Armed Forces between August 5, 1964 and May 7, 1975. Nonveterans are males who have never served in the Armed Forces. published data are limited to those 25 to 39 years of age, the group that most closely corresponds to the bulk of the Vietnam-era veteran population.

A-68. Employment status of male Vietnam-era veterans and nonveterans by age, race, and Hispanic origin

[Numbers in thousands]

Employment status and age	Veterans						Nonveterans					
	White		Black and other		Hispanic origin		White		Black and other		Hispanic	
	II 1981	II 1982	II 1981	II 1982	II 1981	II 1982	II 1981	II 1982	II 1981	II 1982	II 1981	
Total, 25 to 39 years												
Civilian noninstitutional population	6,537	6,422	786	750	254	292	14,723	15,574	2,373	2,514	1,311	
Civilian labor force	6,337	6,197	708	679	242	281	14,131	14,926	2,093	2,239	1,229	
Employed	6,006	5,679	632	564	225	250	13,398	13,819	1,878	1,894	1,144	
Unemployed	331	518	76	115	17	31	733	1,107	215	345	85	
Unemployment rate	5.2	8.4	10.7	16.9	7.0	11.0	5.2	7.4	10.3	15.4	6.9	
25 to 29 years												
Civilian noninstitutional population	1,297	1,097	219	155	77	52	6,811	7,048	1,006	1,081	573	
Civilian labor force	1,228	1,027	189	129	71	51	6,495	6,726	890	946	537	
Employed	1,126	860	157	97	65	43	6,087	6,141	785	768	497	
Unemployed	102	167	32	32	6	8	408	585	105	178	40	
Unemployment rate	8.3	16.3	16.9	24.8	8.5	15.7	6.3	8.7	11.8	18.8	7.4	
30 to 34 years												
Civilian noninstitutional population	3,021	2,651	347	337	103	136	4,633	5,086	782	821	436	
Civilian labor force	2,942	2,563	315	308	99	129	4,479	4,910	684	750	415	
Employed	2,795	2,372	286	257	93	116	4,271	4,571	616	641	383	
Unemployed	147	191	29	51	6	13	208	339	68	109	32	
Unemployment rate	5.0	7.5	9.2	16.6	6.1	10.1	4.6	6.9	9.9	14.5	7.7	
35 to 39 years												
Civilian noninstitutional population	2,219	2,674	220	258	74	104	3,279	3,440	585	612	302	
Civilian labor force	2,167	2,607	204	242	72	101	3,157	3,290	519	543	277	
Employed	2,085	2,447	189	210	67	91	3,040	3,107	477	485	264	
Unemployed	82	160	15	32	5	10	117	183	42	58	13	
Unemployment rate	3.8	6.1	7.4	13.2	6.9	9.9	3.6	5.6	8.1	10.7	4.7	

A-69. Employment status of the noninstitutional population in metropolitan and nonmetropolitan areas by sex, age, and race

(Numbers in thousands)

Employment status, sex, age, and race	Metropolitan areas						Nonmetropolitan areas					
	Total		Central cities		Suburbs		Total		Farm		Nonfarm	
	II 1981	II 1982	II 1981	II 1982	II 1981	II 1982	II 1981	II 1982	II 1981	II 1982	II 1981	II 1982
TOTAL												
Civilian noninstitutional population	115,751	117,501	47,422	48,073	68,329	69,429	54,086	54,519	4,436	4,107	49,650	50,412
Civilian labor force	75,124	76,315	29,770	30,230	45,354	46,085	33,674	33,784	2,909	2,729	30,765	31,055
Percent of population	64.9	64.9	62.8	62.9	66.4	66.4	62.3	62.0	65.6	66.5	62.0	61.6
Employed	69,737	69,390	27,249	27,012	42,488	42,378	31,136	30,443	2,813	2,601	28,323	27,842
Unemployed	5,387	6,925	2,520	3,218	2,867	3,706	2,538	3,341	96	128	2,442	3,213
Unemployment rate	7.2	9.1	8.5	10.6	6.3	8.0	7.5	9.9	3.3	4.7	7.9	10.3
Not in labor force	40,627	41,186	17,652	17,843	22,975	23,344	20,413	20,735	1,527	1,378	18,886	19,357
Males, 20 years and over												
Civilian noninstitutional population	49,229	50,194	19,898	20,250	29,331	29,944	23,021	23,298	2,023	1,875	20,998	21,423
Civilian labor force	39,390	40,051	15,323	15,676	24,067	24,376	17,881	17,932	1,661	1,570	16,220	16,362
Percent of population	80.0	79.8	77.0	77.4	82.1	81.4	77.7	77.0	82.1	83.7	77.2	76.4
Employed	37,074	36,768	14,197	14,103	22,877	22,665	16,799	16,410	1,630	1,515	15,169	14,895
Unemployed	2,317	3,283	1,126	1,572	1,191	1,711	1,082	1,522	31	55	1,051	1,467
Unemployment rate	5.9	8.2	7.3	10.0	4.9	7.0	6.0	8.5	1.9	3.3	6.5	9.0
Not in labor force	9,839	10,143	4,575	4,575	5,264	5,569	5,141	5,366	363	305	4,778	5,061
Females, 20 years and over												
Civilian noninstitutional population	55,575	56,562	23,352	23,729	32,223	32,832	25,737	26,141	1,929	1,813	23,808	24,328
Civilian labor force	29,563	30,387	12,289	12,507	17,274	17,880	12,743	13,020	934	888	11,809	12,132
Percent of population	53.2	53.7	52.6	52.7	53.6	54.5	49.5	49.8	48.4	49.0	49.6	49.9
Employed	27,737	28,088	11,427	11,430	16,310	16,659	11,859	11,886	894	849	10,965	11,037
Unemployed	1,826	2,299	864	1,077	962	1,222	884	1,134	40	40	844	1,094
Unemployment rate	6.2	7.6	7.0	8.6	5.6	6.8	6.9	8.7	4.2	4.5	7.1	9.0
Not in labor force	26,012	26,174	11,061	11,223	14,951	14,951	12,994	13,122	996	925	11,998	12,197
Both sexes, 16-19 years												
Civilian noninstitutional population	10,947	10,745	4,172	4,092	6,775	6,653	5,328	5,080	483	419	4,845	4,661
Civilian labor force	6,171	5,876	2,157	2,047	4,014	3,830	3,050	2,833	315	271	2,735	2,562
Percent of population	56.4	54.7	51.7	50.0	59.2	57.6	57.2	55.8	65.1	64.6	56.4	55.0
Employed	4,926	4,533	1,626	1,478	3,300	3,056	2,478	2,147	289	237	2,189	1,910
Unemployed	1,245	1,343	531	570	714	774	572	686	26	33	546	653
Unemployment rate	20.2	22.9	24.6	27.8	17.8	20.2	18.7	24.2	8.3	12.3	20.0	25.5
Not in labor force	4,776	4,869	2,015	2,045	2,761	2,824	2,278	2,248	168	148	2,110	2,100
White												
Civilian noninstitutional population	98,498	99,889	35,577	35,964	62,921	63,926	49,173	49,420	4,175	3,914	44,998	45,506
Civilian labor force	64,421	65,348	22,716	23,020	41,705	42,328	30,801	30,863	2,758	2,622	28,043	28,241
Percent of population	65.4	65.4	63.9	64.0	66.3	66.2	62.6	62.5	66.0	67.0	62.3	62.1
Employed	60,491	60,249	21,243	21,107	39,248	39,142	28,665	28,059	2,678	2,513	25,987	25,546
Unemployed	3,930	5,099	1,472	1,913	2,458	3,186	2,136	2,804	80	110	2,056	2,694
Unemployment rate	6.1	7.8	6.5	8.3	5.9	7.5	6.9	9.1	2.9	4.2	7.3	9.5
Not in labor force	34,077	34,541	12,862	12,943	21,215	21,598	18,372	18,557	1,418	1,292	16,954	17,265
Black and other												
Civilian noninstitutional population	17,252	17,612	11,844	12,109	5,408	5,503	4,913	5,100	261	193	4,652	4,907
Civilian labor force	10,703	10,966	7,054	7,209	3,649	3,758	2,873	2,922	151	107	2,722	2,815
Percent of population	62.0	62.3	59.6	59.5	67.5	68.3	58.5	57.3	58.1	55.4	58.5	57.4
Employed	9,246	9,140	6,006	5,904	3,240	3,236	2,471	2,384	135	89	2,336	2,295
Unemployed	1,457	1,826	1,048	1,305	409	521	402	538	17	18	385	520
Unemployment rate	13.6	16.7	14.9	18.1	11.2	13.9	14.0	18.4	11.1	16.8	14.1	18.5
Not in labor force	6,549	6,645	4,791	4,900	1,758	1,746	2,041	2,178	109	86	1,932	2,092

A-70. Employment status of the noninstitutional population in poverty and nonpoverty areas by race

(Number in thousands)

Employment status and race	Total United States				Metropolitan areas				Nonmetropolitan areas			
	Poverty areas		Nonpoverty areas		Poverty areas		Nonpoverty areas		Poverty areas		Nonpoverty areas	
	II 1981	II 1982	II 1981	II 1982	II 1981	II 1982	II 1981	II 1982	II 1981	II 1982	II 1981	II 198
TOTAL												
Civilian noninstitutional population	30,261	29,955	139,576	142,066	11,590	11,233	104,160	106,268	18,671	18,721	35,415	35,7
Civilian labor force	17,185	16,929	91,612	93,170	6,364	6,112	68,759	70,203	10,821	10,817	22,853	22,9
Percent of population	56.8	56.5	65.6	65.6	54.9	54.4	66.0	66.1	58.0	57.8	64.5	64
Employed	15,412	14,771	85,461	85,062	5,449	5,081	64,288	64,309	9,963	9,690	21,173	20,7
Unemployed	1,774	2,158	6,151	8,109	916	1,031	4,471	5,894	858	1,127	1,680	2,2
Unemployment rate	10.3	12.7	6.7	8.9	14.4	16.9	6.5	8.4	7.9	10.4	7.4	9
Not in labor force	13,076	13,026	47,963	48,895	5,226	5,122	35,401	36,865	7,850	7,904	12,563	12,8
White												
Civilian noninstitutional population	21,355	21,072	126,316	128,237	5,902	5,686	92,596	94,203	15,453	15,386	33,720	34,0
Civilian labor force	12,486	12,306	82,736	83,905	3,415	3,244	61,005	62,104	9,070	9,062	21,731	21,8
Percent of population	58.5	58.4	65.5	65.4	57.9	57.1	65.9	65.9	58.7	58.9	64.4	64
Employed	11,511	11,121	77,645	77,187	3,053	2,841	57,437	57,408	8,458	8,280	20,208	19,7
Unemployed	975	1,185	5,091	6,718	362	403	3,568	4,696	613	782	1,523	2,0
Unemployment rate	7.8	9.6	6.2	8.0	10.6	12.4	5.8	7.6	6.8	8.6	7.0	9
Not in labor force	8,870	8,766	43,580	44,332	2,487	2,442	31,590	32,099	6,383	6,324	11,989	12,2
Black and other												
Civilian noninstitutional population	8,906	8,883	13,260	13,829	5,688	5,547	11,565	12,064	3,218	3,335	1,695	1,7
Civilian labor force	4,700	4,623	8,876	9,265	2,949	2,867	7,754	8,099	1,751	1,755	1,122	1,1
Percent of population	52.8	52.0	66.9	67.0	51.8	51.7	67.1	67.1	54.4	52.6	66.2	66
Employed	3,901	3,650	7,816	7,874	2,395	2,240	6,851	6,901	1,505	1,410	965	9
Unemployed	799	973	1,060	1,391	554	628	903	1,198	245	345	157	1
Unemployment rate	17.0	21.0	11.9	15.0	18.8	21.9	11.7	14.8	14.0	19.7	14.0	16
Not in labor force	4,206	4,260	4,384	4,563	2,739	2,680	3,811	3,966	1,467	1,580	573	5

A-71. Unemployment rates in poverty and nonpoverty areas by race, sex, and age

Race, sex, and age	Total United States				Metropolitan areas				Nonmetropolitan areas			
	Poverty areas		Nonpoverty areas		Poverty areas		Nonpoverty areas		Poverty areas		Nonpoverty areas	
	II 1981	II 1982	II 1981	II 1982	II 1981	II 1982	II 1981	II 1982	II 1981	II 1982	II 1981	II 198
TOTAL												
Both sexes, 16 years and over	10.3	12.7	6.7	8.7	14.4	16.9	6.5	8.4	7.9	10.4	7.4	9.
Males, 20 years and over	8.6	10.9	5.4	7.8	12.8	15.5	5.3	7.6	6.3	8.5	5.9	8.
Females, 20 years and over	9.3	11.1	5.9	7.3	12.2	13.5	5.6	7.0	7.5	9.7	6.7	8.
Both sexes, 16-19 years	25.0	32.5	18.7	21.6	34.3	44.5	18.8	21.0	19.8	26.5	18.3	23.
White												
Both sexes, 16 years and over	7.8	9.6	6.2	8.0	10.6	12.4	5.8	7.6	6.8	8.6	7.0	9.
Males, 20 years and over	6.7	8.2	5.0	7.2	9.8	11.3	4.8	6.8	5.5	7.1	5.7	8.
Females, 20 years and over	6.8	8.3	5.3	6.7	8.7	9.7	4.9	6.2	6.1	7.9	6.4	7.
Both sexes, 16-19 years	19.3	24.9	17.1	19.7	25.0	34.2	17.0	18.9	17.3	22.0	17.3	22.
Black and other												
Both sexes, 16 years and over	17.0	21.0	11.9	15.0	18.8	21.9	11.7	14.8	14.0	19.7	14.0	16.
Males, 20 years and over	14.6	19.3	9.8	13.5	16.9	21.2	9.6	13.6	10.8	16.4	11.2	12.
Females, 20 years and over	15.0	17.2	10.3	12.7	15.6	17.0	10.1	12.3	13.8	17.5	11.9	15.
Both sexes, 16-19 years	39.2	53.7	36.7	42.1	43.5	56.2	36.6	42.4	32.1	50.0	37.3	40.

A-72. Unemployment in families by type of family, race, Hispanic origin, and presence of employed family members

(Numbers in thousands)

Type of family, race, and Hispanic origin	II 1981					II 1982				
	Total families	With unemployment				Total families	With unemployment			
		Total	Percent of families				Total	Percent of families		
			With no employed person in family	With at least one employed person in family	With at least one person in family employed full time			With no employed person in family	With at least one employed person in family	With at least one person in family employed full time
TOTAL										
Total families	61,038	6,184	26.9	73.1	64.8	61,599	7,724	30.1	69.9	60.1
With children under 18 years of age	31,302	3,940	28.5	71.5	63.8	31,082	4,764	32.0	68.0	58.2
Married-couple families	49,256	4,486	19.0	81.0	73.1	49,561	5,773	23.1	76.9	67.4
With children under 18 years of age	24,712	2,898	18.6	81.4	73.8	24,396	3,636	23.5	76.5	66.9
Families maintained by females	9,305	1,391	50.2	49.8	39.9	9,544	1,584	53.8	46.2	35.6
With children under 18 years of age	5,737	928	57.1	42.9	33.8	5,828	990	61.1	38.9	29.1
Families maintained by males	2,477	306	37.8	62.2	55.0	2,493	368	38.9	61.1	49.7
With children under 18 years of age	858	113	43.4	56.6	52.2	859	137	49.3	50.7	39.9
White										
Total families	53,189	4,806	24.4	75.6	67.4	53,543	6,011	27.6	72.4	62.5
With children under 18 years of age	26,484	3,030	25.8	74.2	66.2	26,156	3,638	28.7	71.3	61.2
Married-couple families	46,747	3,776	18.7	81.3	73.5	46,876	4,806	22.8	77.2	67.7
With children under 18 years of age	22,032	2,411	18.7	81.3	73.5	21,623	2,987	23.3	76.7	66.9
Families maintained by females	6,437	808	48.2	51.8	41.1	6,642	935	49.0	51.0	39.4
With children under 18 years of age	3,779	533	55.3	44.7	34.6	3,835	549	55.3	44.7	32.7
Families maintained by males	2,005	222	35.3	64.7	58.9	2,025	269	38.5	61.5	49.6
With children under 18 years of age	673	85	39.5	60.5	57.0	698	102	46.1	53.9	43.1
Black										
Total families	6,569	1,243	36.4	63.6	54.8	6,713	1,512	40.4	59.6	50.1
With children under 18 years of age	3,996	819	38.4	61.6	54.4	4,088	996	44.2	55.8	47.1
Married-couple families	3,503	608	21.1	78.9	69.9	3,602	805	24.4	75.6	65.8
With children under 18 years of age	2,004	417	18.9	81.1	79.4	2,071	541	24.0	76.0	66.5
Families maintained by females	2,625	558	52.3	47.7	39.4	2,710	618	61.2	38.8	29.4
With children under 18 years of age	1,839	377	58.8	41.2	33.8	1,870	421	68.9	31.1	23.3
Families maintained by males	392	77	43.4	56.6	47.4	401	88	41.6	58.4	50.6
With children under 18 years of age	153	26	(1)	(1)	(1)	147	34	(1)	(1)	(1)
Hispanic origin										
Total families	3,364	468	28.6	71.4	62.6	3,335	606	32.7	67.3	56.3
With children under 18 years of age	2,317	342	32.0	68.0	61.0	2,247	412	34.7	65.3	54.9
Married-couple families	2,442	335	22.2	77.8	69.8	2,437	460	28.1	71.9	61.6
With children under 18 years of age	1,694	251	23.8	76.2	69.0	1,676	332	31.0	69.0	59.9
Families maintained by females	729	105	49.0	51.0	36.5	719	120	47.9	52.1	38.7
With children under 18 years of age	545	80	57.5	42.5	33.8	514	72	51.4	48.6	34.7
Families maintained by males	193	28	(1)	(1)	(1)	180	26	(1)	(1)	(1)
With children under 18 years of age	78	11	(1)	(1)	(1)	57	9	(1)	(1)	(1)

[1] Percent not shown where base is less than 60,000.

HOUSEHOLD DATA
QUARTERLY AVERAGES

A-73. Unemployed persons by family relationship, race, Hispanic origin, and presence of employed family members

(Numbers in thousands)

Family relationship, race, and Hispanic origin	II 1981				II 1982			
	Total	Percent of unemployed:			Total	Percent of unemployed:		
		With no employed persons in family	With at least one employed person in family	With at least one person in family employed full time		With no employed persons in family	With at least one employed person in family	With at least one person in family employed full time
TOTAL								
Total unemployed	7,926	39.2	60.8	53.5	10,266	42.1	57.9	49.6
In families	6,781	28.9	71.1	62.5	8,798	32.5	67.5	57.9
Husbands	1,509	44.4	55.6	41.7	2,352	45.4	54.6	40.6
With children under 18 years of age	992	47.8	52.2	37.9	1,552	49.4	50.6	35.4
Wives	1,306	16.6	83.4	78.5	1,699	22.2	77.8	70.6
With children under 18 years of age	854	14.4	85.6	80.8	1,072	20.1	79.9	73.3
Relatives in married-couple families	2,069	7.1	92.9	86.7	2,506	10.5	89.5	83.5
Females who maintain families	551	84.9	15.1	9.1	652	85.4	14.6	7.2
With children under 18 years of age	469	88.2	11.8	6.7	538	90.4	9.6	3.6
Relatives in families maintained by females	1,007	32.3	67.7	55.9	1,184	36.0	64.0	51.3
Males who maintain families	135	66.7	33.3	25.2	170	65.6	34.4	23.2
With children under 18 years of age	68	87.1	12.9	10.4	75	86.0	14.0	4.0
Relatives in families maintained by males	203	21.9	78.1	70.0	234	22.4	77.6	65.2
Not in families[1]	1,145	—	—	—	1,468	—	—	—
White								
Total unemployed	6,066	37.3	62.7	55.5	7,903	40.8	59.2	50.9
In families	5,169	26.4	73.6	65.1	6,707	30.2	69.8	60.0
Husbands	1,260	44.7	55.3	40.7	1,957	45.1	54.9	40.2
With children under 18 years of age	822	48.8	51.2	36.1	1,271	49.8	50.2	34.1
Wives	1,100	15.9	84.1	79.3	1,395	20.6	79.4	72.1
With children under 18 years of age	704	13.8	86.2	81.3	855	17.9	82.1	74.9
Relatives in married-couple families	1,702	6.1	93.9	88.5	2,015	10.6	89.4	83.9
Females who maintain families	313	81.8	18.2	10.3	368	80.8	19.2	9.0
With children under 18 years of age	267	86.9	13.1	7.1	289	87.4	12.6	4.2
Relatives in families maintained by females	555	30.7	69.3	57.1	685	33.2	66.8	54.4
Males who maintain families	94	66.7	33.3	24.7	122	69.9	30.1	18.3
With children under 18 years of age	37	(2)	(2)	(2)	52	(2)	(2)	(2)
Relatives in families maintained by males	145	21.2	78.8	72.8	166	19.8	80.2	67.6
Not in families[1]	897	—	—	—	1,196	—	—	—
Black								
Total unemployed	1,670	45.9	54.1	46.3	2,074	47.2	52.8	44.6
In families	1,455	37.8	62.2	53.2	1,845	40.6	59.4	50.1
Husbands	213	43.0	57.0	46.9	327	47.7	52.3	41.2
With children under 18 years of age	150	42.6	57.4	47.9	233	46.7	53.3	42.1
Wives	174	21.3	78.7	72.2	244	29.9	70.1	63.7
With children under 18 years of age	128	17.4	82.6	77.0	177	28.3	71.7	65.8
Relatives in married-couple families	314	11.6	88.4	78.2	421	8.9	91.1	82.4
Females who maintain families	223	89.5	10.5	7.4	277	91.3	8.7	5.0
With children under 18 years of age	190	90.8	9.2	6.1	242	93.9	6.1	2.8
Relatives in families maintained by females	442	33.7	66.3	55.5	475	39.7	60.3	46.8
Males who maintain families	35	(2)	(2)	(2)	43	(2)	(2)	(2)
With children under 18 years of age	16	(2)	(2)	(2)	21	(2)	(2)	(2)
Relatives in families maintained by males	52	(2)	(2)	(2)	59	(2)	(2)	(2)
Not in families[1]	215	—	—	—	229	—	—	—
Hispanic origin								
Total unemployed	578	37.9	62.1	52.9	787	43.7	56.3	46.9
In families	510	29.5	70.5	60.1	704	37.2	62.8	52.3
Husbands	129	48.9	51.1	39.2	199	53.2	46.8	35.1
With children under 18 years of age	105	52.4	47.6	36.9	156	58.8	41.2	30.9
Wives	79	13.1	86.9	81.0	147	22.7	77.3	68.3
With children under 18 years of age	62	12.1	87.9	83.0	107	21.7	78.3	68.4
Relatives in married-couple families	155	7.4	92.6	81.5	190	18.4	81.6	72.7
Females who maintain families	39	(2)	(2)	(2)	44	(2)	(2)	(2)
With children under 18 years of age	35	(2)	(2)	(2)	34	(2)	(2)	(2)
Relatives in families maintained by females	78	33.0	67.0	51.1	93	43.7	56.3	43.7
Males who maintain families	12	(2)	(2)	(2)	14	(2)	(2)	(2)
With children under 18 years of age	4	(2)	(2)	(2)	4	(2)	(2)	(2)
Relatives in families maintained by males	16	(2)	(2)	(2)	18	(2)	(2)	(2)
Not in families[1]	68	—	—	—	83	—	—	—

[1] The majority of these persons are living alone or with nonrelatives. Also included are persons in married-couple families where the husband is in the Armed Forces, persons in secondary families, and some whose status is unknown.

[2] Percent not shown where base is less than 60,000.

A-74. Employed persons by family relationship, race, Hispanic origin, and presence of additional employed family members

(Numbers in thousands)

Family relationship, race, and Hispanic origin	II 1981				II 1982			
	Total	Percent of employed:			Total	Percent of employed:		
		With no other employed person in family	With another employed person in family	With another person in family employed full time		With no other employed person in family	With another employed person in family	With another person in family employed full time
TOTAL								
Total employed	100,873	37.7	62.3	52.8	99,833	38.2	61.8	51.5
In families	85,291	26.4	73.6	62.5	84,211	26.8	73.2	61.1
Husbands	38,202	37.0	63.0	45.5	37,362	36.9	63.1	44.7
With children under 18 years of age	22,662	39.5	60.5	40.1	21,796	39.7	60.3	38.9
Wives	23,587	9.2	90.8	86.0	23,662	10.7	89.3	83.4
With children under 18 years of age	12,713	5.3	94.7	91.0	12,571	7.1	92.9	87.8
Relatives in married-couple families	11,814	5.5	94.5	90.7	11,390	6.7	93.3	88.5
Females who maintain families	5,046	66.5	33.5	22.3	5,088	65.6	34.4	21.4
With children under 18 years of age	3,408	79.0	21.0	10.8	3,365	78.1	21.9	9.9
Relatives in families maintained by females	3,588	26.7	73.3	61.9	3,668	25.2	74.8	62.8
Males who maintain families	1,771	56.4	43.6	32.4	1,741	56.0	44.0	31.9
With children under 18 years of age	720	69.6	30.4	15.5	703	71.6	28.4	15.5
Relatives in families maintained by males	1,283	16.2	83.8	77.2	1,299	16.9	83.1	73.4
Not in families[1]	15,582	--	--	--	15,622	--	--	--
White								
Total employed	89,156	37.2	62.8	53.2	88,308	37.7	62.3	51.7
In families	75,590	25.9	74.1	62.7	74,563	26.3	73.7	61.3
Husbands	34,841	37.5	62.5	44.6	34,009	37.3	62.7	43.8
With children under 18 years of age	20,392	40.2	59.8	38.5	19,544	40.3	59.7	37.3
Wives	21,147	8.8	91.2	86.5	21,156	10.2	89.8	84.0
With children under 18 years of age	11,162	4.8	95.2	91.6	10,987	6.4	93.6	88.8
Relatives in married-couple families	10,708	5.3	94.7	91.1	10,300	6.5	93.5	88.9
Females who maintain families	3,671	64.6	35.4	23.1	3,736	63.1	36.9	22.4
With children under 18 years of age	2,438	77.7	22.3	10.8	2,435	75.6	24.4	10.1
Relatives in families maintained by females	2,696	27.3	72.7	61.9	2,860	25.7	74.3	62.5
Males who maintain families	1,475	55.4	44.6	32.5	1,457	55.9	44.1	31.2
With children under 18 years of age	587	67.7	32.3	15.8	593	70.4	29.6	15.9
Relatives in families maintained by males	1,052	14.7	85.3	79.9	1,044	16.2	83.8	74.6
Not in families[1]	13,566	--	--	--	13,745	--	--	--
Black								
Total employed	9,388	44.4	55.6	47.6	9,137	44.3	55.7	47.9
In families	7,711	32.3	67.7	58.0	7,606	33.1	66.9	57.5
Husbands	2,567	32.2	67.8	55.2	2,524	33.0	67.0	55.1
With children under 18 years of age	1,688	32.4	67.6	55.0	1,657	33.4	66.6	54.2
Wives	1,855	14.6	85.4	79.3	1,903	16.8	83.2	76.2
With children under 18 years of age	1,167	10.2	89.8	84.0	1,189	14.0	86.0	78.8
Relatives in married-couple families	796	8.0	92.0	84.9	758	10.3	89.7	82.8
Females who maintain families	1,272	72.8	27.2	18.9	1,247	74.0	26.0	18.0
With children under 18 years of age	908	82.8	17.2	10.3	863	85.3	14.7	9.3
Relatives in families maintained by females	799	25.6	74.4	60.9	728	23.8	76.2	63.1
Males who maintain families	245	63.6	36.4	30.4	243	59.9	40.1	34.3
With children under 18 years of age	113	79.7	20.3	13.4	100	81.2	18.8	12.7
Relatives in families maintained by males	177	25.6	74.4	60.9	203	22.5	77.5	67.3
Not in families[1]	1,677	--	--	--	1,531	--	--	--
Hispanic origin								
Total employed	5,363	38.6	61.4	54.4	5,188	38.6	61.4	52.0
In families	4,663	29.4	70.6	62.6	4,502	29.2	70.8	59.9
Husbands	1,994	42.9	57.1	45.9	1,928	43.3	56.7	43.1
With children under 18 years of age	1,483	46.3	53.7	42.2	1,417	47.4	52.6	38.7
Wives	1,137	8.7	91.3	86.6	1,084	9.5	90.5	83.6
With children under 18 years of age	774	7.7	92.3	88.3	724	8.7	91.3	85.2
Relatives in married-couple families	661	8.1	91.9	87.8	655	6.6	93.4	84.8
Females who maintain families	309	69.0	31.0	22.7	294	63.9	36.1	22.8
With children under 18 years of age	223	81.1	18.9	10.4	204	77.3	22.7	12.2
Relatives in families maintained by females	249	25.9	74.1	65.3	271	27.5	72.5	58.2
Males who maintain families	155	46.8	53.2	43.3	134	42.3	57.7	47.3
With children under 18 years of age	66	69.3	30.7	17.2	44	(2)	(2)	(2)
Relatives in families maintained by males	159	9.0	91.0	87.5	135	9.5	90.5	85.7
Not in families[1]	700	--	--	--	686	--	--	--

[1] The majority of these persons are living alone or with nonrelatives. Also included are persons in married-couple families where the husband is in the Armed Forces, persons in secondary families, and some whose status is unknown.

[2] Percent not shown where base is less than 60,000.

A-75. Median weekly earnings of families by type of family, number of earners, race, and Hispanic origin

Type of family, number of earners, race, and Hispanic origin	Number of families (in thousands)		Median weekly earnings			
					Percent change over the year in-	
	I 1981	I 1982	I 1981	I 1982	Current dollars	Constant dollars
TOTAL						
Total families with earners[1]	41,191	40,701	$422	$445	5.7	-3.8
Married-couple families	33,845	33,150	459	486	6.0	-3.5
One earner	14,852	14,604	324	336	3.5	-5.3
Husband	11,929	11,436	365	386	5.6	-3.5
Wife	2,303	2,443	174	184	5.9	-3.2
Other family member	621	725	169	192	14.2	4.4
Two or more earners	18,993	18,546	571	609	6.7	-2.4
Husband and wife	16,289	15,901	575	618	7.4	-1.8
Husband and other family member(s)	2,154	2,049	583	609	4.6	-4.4
Wife and other family member(s)	420	468	375	391	4.2	-4.7
Other family members only	130	127	330	389	17.8	7.7
Families maintained by females	5,815	5,917	228	246	7.8	-1.4
One earner	4,220	4,275	191	208	8.7	-.6
Householder	3,262	3,434	195	213	9.0	-.4
Other family member	957	841	174	187	7.2	-2.0
Two or more earners	1,596	1,642	389	424	9.1	-.3
Families maintained by males	1,530	1,633	363	400	10.2	.8
One earner	989	1,032	297	322	8.4	-.9
Two or more earners	541	601	512	565	6.5	-2.6
White						
Total families with earners[1]	35,688	35,361	436	461	5.6	-3.8
Married-couple families	30,279	29,761	469	494	5.3	-3.7
One earner	13,312	13,226	334	348	3.7	-5.2
Husband	10,820	10,489	375	396	5.8	-3.2
Wife	1,950	2,087	176	186	6.2	-2.9
Two or more earners	16,967	16,535	578	616	6.6	-2.5
Husband and wife	14,500	14,143	581	624	7.3	-1.9
Families maintained by females	4,186	4,258	237	264	11.4	1.9
Families maintained by males	1,223	1,342	374	413	10.5	1.0
Black						
Total families with earners[1]	4,631	4,396	306	312	1.9	-5.8
Married-couple families	2,826	2,647	373	395	5.8	-3.2
One earner	1,215	1,066	237	231	-2.5	-10.8
Husband	850	700	266	255	-4.1	-12.3
Wife	311	313	167	174	3.8	-5.0
Two or more earners	1,611	1,581	479	529	10.3	.9
Husband and wife	1,422	1,395	499	545	9.1	-.2
Families maintained by females	1,537	1,519	203	212	4.8	-4.2
Families maintained by males	268	231	290	333	14.8	5.0
Hispanic origin						
Total families with earners[1]	2,443	2,417	334	352	5.3	-3.7
Married-couple families	1,918	1,911	376	386	2.7	-6.1
One earner	906	894	240	265	10.2	.7
Husband	745	738	265	288	8.8	-.5
Wife	106	103	162	202	24.3	13.6
Two or more earners	1,012	1,017	483	513	6.2	-2.9
Husband and wife	800	803	491	522	6.4	-2.7
Families maintained by females	388	383	198	203	2.7	-6.1
Families maintained by males	136	124	265	338	27.8	16.8

[1] Data exclude families in which there is no wage or salary earner or in which the husband, wife, or other person maintaining the family is either self-employed or in the Armed Forces.

NOTE: The Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W) is used to deflate these earnings data. Because the index for the most recent quarter is not available at the time *Employment and Earnings* is published, it is necessary to lag the publication of these tables by 1 quarter.

A-76. Families with unemployed members and wage and salary workers by type of family and median weekly earnings

Type of family and relationship of unemployed members to wage and salary earners	Number of families (in thousands)		Median weekly earnings			
					Percent change over the year in:	
	I 1981	I 1982	I 1981	I 1982	Current dollars	Constant dollars
Married-couple families[1]	3,361	3,883	$325	$338	3.9	-5.0
Husband unemployed	955	1,281	181	190	4.8	-4.1
Wife only earner	740	982	174	173	-.5	-9.1
Wife and other earner(s)	91	155	(2)	372	--	--
Other earner(s) only	123	144	$153	224	46.6	38.1
Wife unemployed	1,100	1,184	319	329	3.1	-2.8
Husband only earner	958	1,035	302	323	6.8	-2.3
Husband and other earner(s)	125	135	509	615	20.7	10.4
Other earner(s) only	17	14	(2)	(2)	--	--
Other member(s) unemployed	1,306	1,618	506	536	5.9	-3.2
Husband or wife earner	615	605	384	402	4.7	-3.6
Both husband and wife earners	653	772	640	637	-.5	-9.0
Other combinations of earners	37	41	(2)	(2)	--	--
Families maintained by females[1]	687	737	203	219	7.9	-1.7
Householder unemployed	111	123	184	166	-13.2	-17.5
Other member(s) unemployed	576	614	217	226	4.3	-4.6
Families maintained by males[1]	197	226	280	314	12.1	2.5

[1] Data exclude families in which there is no wage or salary earner or in which the husband, wife, or other person maintaining the family is either self-employed or in the Armed Forces.

[2] Median not shown where base is less than 100,000.

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A-77. Median weekly earnings of full-time wage and salary workers by selected characteristics

Characteristic	Number of workers (in thousands)		Median weekly earnings			
					Percent change over the year in :	
	I 1981	I 1982	I 1981	I 1982	Current dollars	Constant dollars
SEX AND AGE						
Total, 16 years and over	70,984	70,041	$283	$304	7.4	-1.8
Males, 16 years and over	42,850	42,031	342	363	6.3	-2.8
16 to 24 years	6,997	6,589	224	237	5.7	-3.3
25 years and over	35,853	35,442	369	395	6.9	-2.3
Females, 16 years and over	28,134	28,010	220	238	8.2	-1.1
16 to 24 years	5,773	5,279	185	195	5.4	-3.6
25 years and over	22,360	22,730	231	251	8.3	-1.0
FAMILY RELATIONSHIP						
Husbands	30,060	29,040	372	398	7.1	-2.1
Wives	14,760	14,490	223	242	8.1	-1.1
Others in married-couple families	5,826	5,612	198	210	7.0	-2.2
Females who maintain families	3,871	3,998	219	235	9.1	-.3
Others in such families	2,263	2,162	201	220	9.7	.3
Males who maintain families	1,241	1,320	325	346	6.5	-4.6
Others in such families	732	756	214	226	5.8	-3.3
All other males[1]	6,509	6,782	319	338	5.7	-3.3
All other females[1]	4,722	5,082	242	263	8.8	-.5
RACE AND HISPANIC ORIGIN						
White	61,867	61,085	291	313	7.7	-1.5
Males	37,893	37,239	351	375	6.8	-2.3
Females	23,975	23,846	222	241	8.4	-.9
Black	7,380	7,232	232	241	3.7	-5.2
Males	3,956	3,833	262	267	2.1	-6.6
Females	3,423	3,399	205	219	6.7	-2.5
Hispanic origin	4,097	4,063	221	239	7.9	-1.9
Males	2,621	2,575	244	265	8.7	-.6
Females	1,476	1,488	185	206	11.3	1.7

[1] The majority of these persons are living alone or with nonrelatives. Also included are persons in some whose family status is unknown married-couple families where the husband is in the Armed Forces, persons in secondary families, and

A-78. Median weekly earnings of part-time wage and salary workers by selected characteristics

Characteristic	Number of workers (in thousands)		Median weekly earnings			
	I 1981	I 1982	I 1981	I 1982	Percent change over the year in: Current dollars	Constant dollars
SEX AND AGE						
Total, 16 years and over	16,153	16,448	$77	$80	4.2	-4.7
Males, 16 years and over	5,061	5,030	74	76	2.5	-6.3
16 to 24 years	3,194	3,030	65	66	1.6	-7.1
25 years and over	1,867	2,000	100	100	-.1	-8.7
Females, 16 years and over	11,091	11,418	78	82	5.0	-3.8
16 to 24 years	3,762	3,811	62	64	3.3	-5.5
25 years and over	7,329	7,606	89	98	9.9	.5
FAMILY RELATIONSHIP						
Husbands	1,285	1,303	100	100	[1]	[1]
Wives	5,929	6,059	91	89	[1]	[1]
Others in married-couple families	4,680	4,477	60	61	2.2	-6.5
Females who maintain families	777	885	84	93	10.5	1.9
Others in such families	1,085	1,067	66	69	4.8	-4.4
Males who maintain families	64	80	[2]	[2]	[1]	[1]
Others in such families	240	286	70	71	6.4	-2.7
All other males[3]	775	791	100	100	[1]	[1]
All other females[3]	1,317	1,497	80	84	6.1	-3.0
RACE AND HISPANIC ORIGIN						
White	14,369	14,651	77	81	5.6	-3.2
Males	4,455	4,428	73	75	3.4	-5.4
Females	9,914	10,224	79	83	5.2	-3.8
Black	1,456	1,432	74	77	4.9	-3.5
Males	487	444	62	69	[1]	[1]
Females	970	988	71	75	5.7	-3.4
Hispanic origin	712	733	79	85	7.9	-1.2
Males	263	285	76	84	7.6	-1.6
Females	449	446	81	88	9.5	.1

[1] The majority of these persons are living alone or with nonrelatives. Also included are persons in married-couple families where the husband is in the Armed Forces, persons in secondary families, and some whose family status is unknown.

[2] Median not shown where base is less than 100,000.

A-79. Median weekly earnings of full-time wage and salary workers by occupation and sex

Occupation and sex	Number of workers (in thousands)		Median weekly earnings			
	I 1981	I 1982	I 1981	I 1982	Percent change over the year in: Current dollars	Constant dollars
TOTAL						
Professional and technical workers	12,797	13,058	$363	$395	8.5	-0.8
Managers and administrators, except farm	8,068	7,903	398	424	6.3	-2.8
Sales workers	3,521	3,561	311	299	-3.8	-12.0
Clerical workers	13,882	13,709	228	244	7.1	-2.0
Craft and kindred workers	10,113	9,820	344	370	7.6	-1.6
Operatives, except transport	9,416	8,803	238	248	4.4	-8.5
Transport equipment operatives	2,641	2,631	285	318	9.8	.4
Nonfarm laborers	2,955	2,941	232	245	5.8	-3.3
Service workers	6,985	6,965	191	205	7.2	-2.0
Farm workers	605	650	182	185	1.7	-7.0
Males						
Professional and technical workers	7,281	7,346	429	465	8.5	-.8
Managers and administrators, except farm	5,779	5,728	461	502	8.8	-.5
Sales workers	2,390	2,346	366	362	-1.1	-9.5
Clerical workers	3,037	3,044	330	342	3.6	-5.3
Craft and kindred workers	9,496	9,163	352	377	7.3	-1.9
Operatives, except transport	5,709	5,316	288	304	5.7	-3.3
Transport equipment operatives	2,528	2,498	293	321	9.5	.2
Nonfarm laborers	2,649	2,617	235	249	5.6	-3.5
Service workers	3,434	3,382	241	245	2.0	-6.7
Farm workers	546	591	187	189	1.3	-7.3
Females						
Professional and technical workers	5,517	5,712	305	330	8.5	-.8
Managers and administrators, except farm	2,290	2,175	276	301	9.0	-.4
Sales workers	1,131	1,215	188	195	3.6	-5.3
Clerical workers	10,844	10,665	214	232	8.3	-1.0
Craft and kindred workers	617	657	239	278	16.3	6.4
Operatives, except transport	3,707	3,487	186	198	6.1	-2.9
Transport equipment operatives	113	133	227	239	5.2	-3.8
Nonfarm laborers	306	324	193	223	15.4	5.5
Service workers	3,551	3,583	159	175	9.9	.5
Farm workers	59	59	(1)	(1)	--	--

[1] Median not shown where base is less than 100,000.

B-1. Employees on nonagricultural payrolls by industry division, 1930 to date

(In thousands)

Year and month	Total	Goods-producing				Service-producing									
		Total	Mining	Construction	Manufacturing	Total	Transportation and public utilities	Wholesale and retail trade			Finance, insurance, and real estate	Services	Government		
								Total	Wholesale trade	Retail trade			Total	Federal	State and local
Annual averages															
1930	29,409	11,958	1,009	1,387	9,562	17,451	3,685	5,797	–	–	1,460	3,361	3,148	526	2,622
1931	26,635	10,272	873	1,229	8,170	16,363	3,254	5,284	–	–	1,392	3,169	3,264	560	2,704
1932	23,615	8,647	731	985	6,931	14,968	2,816	4,683	–	–	1,326	2,918	3,225	559	2,666
1933	23,699	8,965	744	824	7,397	14,734	2,672	4,755	–	–	1,280	2,861	3,166	565	2,601
1934	25,940	10,261	883	877	8,501	15,679	2,750	5,281	–	–	1,304	3,045	3,299	652	2,647
1935	27,039	10,893	897	927	9,069	16,146	2,786	5,431	–	–	1,320	3,128	3,481	753	2,728
1936	29,068	11,933	946	1,160	9,827	17,135	2,973	5,809	–	–	1,373	3,312	3,668	826	2,842
1937	31,011	12,936	1,015	1,127	10,794	18,075	3,134	6,265	–	–	1,417	3,503	3,756	833	2,923
1938	29,194	11,401	891	1,070	9,440	17,793	2,863	6,179	–	–	1,410	3,458	3,883	829	3,054
1939	30,603	12,297	854	1,165	10,278	18,306	2,936	6,426	1,762	4,664	1,447	3,502	3,995	905	3,090
1940	32,361	13,221	925	1,311	10,985	19,140	3,038	6,750	1,835	4,914	1,485	3,665	4,202	996	3,206
1941	36,539	15,963	957	1,814	13,192	20,574	3,274	7,210	1,960	5,251	1,525	3,905	4,660	1,340	3,320
1942	40,106	18,470	992	2,198	15,280	21,636	3,460	7,118	1,906	5,212	1,509	4,066	5,483	2,213	3,270
1943	42,434	20,114	925	1,587	17,602	22,320	3,647	6,982	1,822	5,160	1,481	4,130	6,080	2,905	3,175
1944	41,864	19,328	892	1,108	17,328	22,536	3,829	7,058	1,845	5,214	1,461	4,145	6,043	2,928	3,116
1945	40,374	17,507	836	1,147	15,524	22,867	3,906	7,314	1,949	5,365	1,481	4,222	5,944	2,808	3,137
1946	41,652	17,248	862	1,683	14,703	24,404	4,061	8,376	2,291	6,084	1,675	4,697	5,595	2,254	3,341
1947	43,857	18,509	955	2,009	15,545	25,348	4,166	8,955	2,471	6,485	1,728	5,025	5,474	1,892	3,582
1948	44,866	18,774	994	2,198	15,582	26,092	4,189	9,272	2,603	6,667	1,800	5,181	5,650	1,863	3,787
1949	43,754	17,565	930	2,194	14,441	26,189	4,001	9,264	2,602	6,662	1,828	5,240	5,856	1,908	3,948
1950	45,197	18,506	901	2,364	15,241	26,691	4,034	9,386	2,635	6,751	1,888	5,357	6,026	1,928	4,098
1951	47,819	19,959	929	2,637	16,393	27,860	4,226	9,742	2,727	7,015	1,956	5,547	6,389	2,302	4,087
1952	48,793	20,198	898	2,668	16,632	28,595	4,248	10,004	2,812	7,192	2,035	5,699	6,609	2,420	4,188
1953	50,202	21,074	866	2,659	17,549	29,128	4,290	10,247	2,854	7,393	2,111	5,835	6,645	2,305	4,340
1954	48,990	19,751	791	2,646	16,314	29,239	4,084	10,235	2,867	7,368	2,200	5,969	6,751	2,188	4,563
1955	50,641	20,513	792	2,839	16,882	30,128	4,141	10,535	2,926	7,610	2,298	6,240	6,914	2,187	4,727
1956	52,369	21,104	822	3,039	17,243	31,266	4,244	10,858	3,018	7,840	2,389	6,497	7,278	2,209	5,069
1957	52,853	20,964	828	2,962	17,174	31,889	4,241	10,886	3,028	7,858	2,438	6,708	7,616	2,217	5,399
1958	51,324	19,513	751	2,817	15,945	31,811	3,976	10,750	2,980	7,770	2,481	6,765	7,839	2,191	5,648
1959[1]	53,268	20,411	732	3,004	16,675	32,857	4,011	11,127	3,082	8,045	2,549	7,087	8,083	2,233	5,850
1960	54,189	20,434	712	2,926	16,796	33,755	4,004	11,391	3,143	8,248	2,629	7,378	8,353	2,270	6,083
1961	53,999	19,857	672	2,859	16,326	34,142	3,903	11,337	3,133	8,204	2,688	7,620	8,594	2,279	6,315
1962	55,549	20,451	650	2,948	16,853	35,098	3,906	11,566	3,198	8,368	2,754	7,982	8,890	2,340	6,550
1963	56,653	20,640	635	3,010	16,995	36,013	3,903	11,778	3,248	8,530	2,830	8,277	9,225	2,358	6,868
1964	58,283	21,005	634	3,097	17,274	37,278	3,951	12,160	3,337	8,823	2,911	8,660	9,595	2,348	7,248
1965	60,765	21,926	632	3,232	18,062	38,839	4,036	12,716	3,466	9,250	2,977	9,036	10,074	2,378	7,696
1966	63,901	23,158	627	3,317	19,214	40,743	4,158	13,245	3,597	9,648	3,058	9,498	10,784	2,564	8,220
1967	65,803	23,308	613	3,248	19,447	42,495	4,268	13,606	3,689	9,917	3,185	10,045	11,391	2,719	8,672
1968	67,897	23,737	606	3,350	19,781	44,160	4,318	14,099	3,779	10,320	3,337	10,567	11,839	2,737	9,102
1969	70,384	24,361	619	3,575	20,167	46,023	4,442	14,705	3,907	10,798	3,512	11,169	12,195	2,758	9,437
1970	70,880	23,578	623	3,588	19,367	47,302	4,515	15,040	3,993	11,047	3,645	11,548	12,554	2,731	9,823
1971	71,214	22,935	609	3,704	18,623	48,278	4,476	15,352	4,001	11,351	3,772	11,797	12,881	2,696	10,185
1972	73,675	23,668	628	3,889	19,151	50,007	4,541	15,949	4,113	11,836	3,908	12,276	13,334	2,684	10,649
1973	76,790	24,893	642	4,097	20,154	51,897	4,656	16,607	4,277	12,329	4,046	12,857	13,732	2,663	11,068
1974	78,265	24,794	697	4,020	20,077	53,471	4,725	16,987	4,433	12,554	4,148	13,441	14,170	2,724	11,446
1975	76,945	22,800	752	3,525	18,323	54,345	4,542	17,060	4,415	12,645	4,165	13,892	14,686	2,748	11,937
1976	79,382	23,352	779	3,576	18,997	56,030	4,582	17,755	4,546	13,209	4,271	14,551	14,871	2,733	12,138
1977	82,471	24,346	813	3,851	19,682	58,125	4,713	18,516	4,708	13,808	4,467	15,303	15,127	2,727	12,399
1978	86,697	25,585	851	4,229	20,505	61,113	4,923	19,542	4,969	14,573	4,724	16,252	15,672	2,753	12,919
1979	89,823	26,461	958	4,463	21,040	63,363	5,136	20,192	5,204	14,989	4,975	17,112	15,987	2,773	13,174
1980	90,406	25,658	1,027	4,346	20,285	64,748	5,146	20,310	5,275	15,035	5,160	17,890	16,241	2,866	13,375
1981	91,105	25,481	1,132	4,176	20,173	65,625	5,157	20,551	5,359	15,192	5,301	18,592	16,029	2,772	13,253
Monthly data, seasonally adjusted															
1981:															
June	91,286	25,656	1,137	4,185	20,334	65,630	5,162	20,590	5,366	15,224	5,302	18,556	16,020	2,777	13,243
July	91,396	25,718	1,164	4,175	20,379	65,678	5,168	20,620	5,375	15,245	5,311	18,615	15,964	2,775	13,189
August	91,322	25,637	1,180	4,146	20,311	65,685	5,168	20,650	5,387	15,263	5,319	18,654	15,894	2,769	13,125
September	91,363	25,583	1,192	4,124	20,267	65,780	5,181	20,660	5,383	15,277	5,328	18,707	15,904	2,764	13,140
October	91,224	25,393	1,195	4,101	20,097	65,831	5,162	20,654	5,380	15,278	5,325	18,773	15,917	2,757	13,160
November	90,996	25,176	1,202	4,071	19,903	65,820	5,150	20,623	5,375	15,248	5,324	18,815	15,908	2,749	13,159
December	90,642	24,908	1,206	4,026	19,676	65,734	5,128	20,524	5,357	15,167	5,331	18,834	15,917	2,756	13,161
1982:															
January	90,460	24,684	1,201	3,966	19,517	65,776	5,125	20,630	5,386	15,284	5,326	18,831	15,868	2,741	13,123
February	90,459	24,631	1,203	3,974	19,454	65,828	5,115	20,670	5,343	15,327	5,326	18,867	15,850	2,737	13,113
March	90,304	24,450	1,197	3,934	19,319	65,854	5,100	20,655	5,336	15,319	5,336	18,904	15,859	2,736	13,123
April	90,083	24,289	1,182	3,938	19,169	65,794	5,094	20,584	5,323	15,261	5,335	18,929	15,852	2,730	13,122
May P	90,151	24,262	1,154	3,994	19,114	65,889	5,101	20,658	5,326	15,332	5,340	18,948	15,842	2,734	13,108
June P	90,010	24,053	1,130	3,952	18,971	65,957	5,076	20,643	5,302	15,341	5,349	18,972	15,917	2,724	13,193

[1] Data include Alaska and Hawaii beginning 1959. This inclusion has resulted in an increase of 212,000 (0.4 percent) in the nonagricultural total for the March 1959 benchmark month.

NOTE: Data from April 1981 forward are subject to revision when more recent benchmark data are introduced. See "Benchmark adjustment" in the Explanatory Notes of this publication.

P = preliminary.

B-2. Employees on nonagricultural payrolls by industry

[In thousands]

1972 SIC Code	Industry	All employees					Production workers[1]				
		May 1981	June 1981	Apr. 1982	May 1982P	June 1982P	May 1981	June 1981	Apr. 1982	May 1982P	June 1982P
	TOTAL	91,432	92,056	89,984	90,440	90,741	-	-	-	-	-
	PRIVATE SECTOR	75,044	75,888	73,830	74,292	74,686	60,894	61,600	59,562	60,032	60,417
	MINING	986	1,159	1,171	1,155	1,151	715	854	850	837	828
10	METAL MINING	105.3	107.0	85.3	78.2	-	79.0	80.6	63.4	57.7	-
101	Iron ores	22.3	23.0	15.4	14.1	-	17.4	18.2	11.3	10.8	-
102	Copper ores	36.5	37.1	30.8	26.7	-	28.1	28.5	23.3	19.5	-
11, 12	COAL MINING	89.5	233.7	248.3	248.2	-	73.9	192.9	204.9	201.2	-
12	BITUMINOUS COAL AND LIGNITE MINING	88.0	230.1	244.9	240.8	-	72.6	189.7	201.9	198.2	-
13	OIL AND GAS EXTRACTION	667.8	694.1	726.0	717.9	-	467.3	485.0	497.1	490.6	-
131, 2	Crude petroleum, natural gas, and natural gas liquids	256.8	269.4	282.7	285.7	-	112.8	119.0	122.0	124.8	-
138	Oil and gas field services	411.0	424.7	443.3	432.2	-	354.9	366.0	375.1	365.8	-
14	NONMETALLIC MINERALS, EXCEPT FUELS	123.0	124.3	111.5	114.5	-	98.7	95.9	84.1	87.3	-
142	Crushed and broken stone	39.2	35.2	34.2	36.6	-	32.3	32.1	27.2	29.4	-
144	Sand and gravel	35.6	36.1	31.3	31.9	-	-	-	-	-	-
147	Chemical and fertilizer minerals	27.5	27.7	25.4	25.1	-	-	-	-	-	-
	CONSTRUCTION	4,235	4,350	3,796	4,002	4,102	3,311	3,408	2,890	3,090	3,183
15	GENERAL BUILDING CONTRACTORS	1,098.7	1,131.7	942.8	987.5	-	829.4	855.6	690.7	733.9	-
152	Residential building construction	525.6	546.8	440.8	472.4	-	384.5	398.0	309.0	338.6	-
153	Operative builders	63.1	63.5	49.7	50.0	-	34.5	35.5	25.2	25.3	-
154	Nonresidential building construction	510.0	523.4	452.3	465.1	-	410.4	422.1	356.5	370.0	-
16	HEAVY CONSTRUCTION CONTRACTORS	939.8	960.7	827.9	884.9	-	758.0	780.3	653.0	709.5	-
161	Highway and street construction	267.1	281.8	198.6	236.4	-	224.6	238.7	161.1	198.1	-
162	Heavy construction, except highway	667.7	678.9	629.3	648.5	-	533.4	541.6	491.9	511.4	-
17	SPECIAL TRADE CONTRACTORS	2,201.9	2,257.4	2,024.8	2,129.4	-	1,723.7	1,772.2	1,546.1	1,646.7	-
171	Plumbing, heating, air conditioning	514.2	526.8	486.8	494.5	-	379.4	389.0	351.5	358.4	-
172	Painting, paper hanging, decorating	135.4	140.4	123.9	134.3	-	112.2	120.8	100.4	112.4	-
173	Electrical work	408.1	413.6	391.5	398.2	-	313.6	318.3	297.7	303.7	-
174	Masonry, stonework, and plastering	332.2	338.1	291.8	308.4	-	283.7	289.3	244.7	259.8	-
175	Carpentering and flooring	125.4	126.8	106.1	112.8	-	95.4	95.7	76.3	83.4	-
176	Roofing and sheet metal work	152.7	159.9	146.4	152.2	-	122.1	129.2	115.0	120.1	-
	MANUFACTURING	20,262	20,445	19,073	19,043	19,074	14,141	14,267	12,971	12,969	13,016
24, 25	DURABLE GOODS	12,220	12,317	11,356	11,318	11,320	8,426	8,486	7,572	7,554	7,572
32, 39											
20-23	NONDURABLE GOODS	8,042	8,128	7,717	7,725	7,754	5,715	5,781	5,399	5,410	5,444
26, 31											
	DURABLE GOODS										
24	LUMBER AND WOOD PRODUCTS	692.6	699.4	603.0	616.5	635.6	578.2	585.6	494.9	507.2	527.3
241	Logging camps and logging contractors	81.4	84.8	69.2	75.4	-	63.8	67.1	52.3	58.2	-
242	Sawmills and planing mills	214.5	216.6	190.4	193.0	-	190.3	192.5	167.0	169.6	-
2421	Sawmills and planing mills, general	178.9	180.8	159.6	162.1	-	159.3	161.4	140.5	142.9	-
2426	Hardwood dimension and flooring	30.9	31.1	26.3	26.5	-	26.8	27.0	22.4	22.7	-
243	Millwork, plywood, and structural members	200.4	200.0	167.8	171.0	-	166.1	166.1	135.4	138.0	-
2431	Millwork	70.2	70.5	58.6	60.6	-	56.6	57.0	45.4	47.2	-
2434	Wood kitchen cabinets	47.7	47.6	39.8	40.9	-	38.4	38.6	31.2	32.1	-
2435	Hardwood veneer and plywood	25.7	25.8	22.4	22.4	-	22.7	22.7	19.5	19.5	-
2436	Softwood veneer and plywood	41.3	41.0	34.6	34.3	-	36.8	36.6	30.4	29.8	-
244	Wood containers	42.8	43.5	40.5	40.5	-	36.8	37.5	34.3	34.2	-
245	Wood buildings and mobile homes	71.4	70.9	60.6	62.5	-	52.6	52.5	44.0	45.9	-
2451	Mobile homes	50.8	50.6	47.2	48.5	-	38.8	38.9	36.0	37.5	-
249	Miscellaneous wood products	82.1	83.6	74.5	79.1	-	68.6	69.9	61.9	61.3	-
25	FURNITURE AND FIXTURES	469.5	470.9	403.8	439.6	441.9	378.9	380.1	350.6	387.1	389.8
251	Household furniture	303.1	302.4	278.2	275.3	-	254.3	253.3	228.9	226.9	-
2511	Wood household furniture	135.6	135.7	123.8	123.0	-	117.7	117.8	106.1	105.5	-
2512	Upholstered household furniture	89.9	90.1	82.7	83.1	-	74.0	73.9	66.1	66.6	-
2514	Metal household furniture	32.7	31.5	30.6	28.9	-	26.7	25.5	24.6	23.1	-
2515	Mattresses and bedsprings	30.8	31.2	28.7	28.6	-	23.7	24.0	21.4	21.5	-
252	Office furniture	53.6	54.0	54.2	53.6	-	41.8	42.2	41.6	41.0	-
253	Public building and related furniture	23.0	23.5	23.1	22.5	-	17.3	17.7	17.3	16.6	-
254	Partitions and fixtures	60.4	61.2	58.3	57.8	-	45.2	46.0	42.5	42.1	-
259	Miscellaneous furniture and fixtures	29.4	29.8	30.0	30.4	-	20.3	20.9	20.3	20.5	-

See footnotes at end of table.

READEX FICHE

B-2. Employees on nonagricultural payrolls by industry — Continued

[In thousands]

1972 SIC Code	Industry	All employees					Production workers[1]				
		May 1981	June 1981	Apr. 1982	May 1982P	June 1982P	May 1981	June 1981	Apr. 1982	May 1982P	June 1982P
32	**STONE, CLAY, AND GLASS PRODUCTS**	647.9	658.2	580.1	588.3	593.7	500.2	509.1	437.9	445.7	451.4
321	Flat glass	18.5	19.0	15.7	15.8	-	14.2	14.7	12.0	12.0	-
322	Glass and glassware, pressed or blown	122.4	124.2	112.3	112.3	-	103.3	105.1	93.8	93.8	-
3221	Glass containers	68.9	70.1	63.9	64.6	-	60.4	61.6	55.9	56.7	-
3229	Pressed and blown glass, nec	53.5	54.1	48.4	47.7	-	42.9	43.5	37.9	37.1	-
323	Products of purchased glass	44.4	45.6	40.7	40.9	-	30.1	30.9	27.0	27.1	-
324	Cement, hydraulic	30.3	31.2	28.7	29.0	-	24.0	24.9	22.6	22.9	-
325	Structural clay products	43.0	43.7	33.9	34.6	-	32.8	33.5	24.7	25.4	-
326	Pottery and related products	42.6	42.8	39.2	39.2	-	35.0	35.0	31.8	31.8	-
327	Concrete, gypsum, and plaster products	199.7	201.7	173.4	180.5	-	154.2	155.6	129.8	136.8	-
3271	Concrete block and brick	20.0	20.3	17.4	18.3	-	14.0	14.1	11.4	12.4	-
3272	Concrete products, nec	67.0	67.2	60.5	61.4	-	50.0	49.9	44.2	45.4	-
3273	Ready-mixed concrete	92.9	94.4	77.6	83.0	-	74.1	75.4	59.8	64.8	-
329	Misc. nonmetallic mineral products	136.1	137.8	124.2	123.8	-	97.9	99.3	86.5	86.1	-
3291	Abrasive products	27.6	28.1	25.4	25.2	-	18.6	19.1	16.1	16.0	-
3292	Asbestos products	16.1	16.1	14.2	14.2	-	12.3	12.4	10.5	10.5	-
3296	Mineral wool	9.6	10.0	26.9	27.0	-	-	-	-	-	-
33	**PRIMARY METAL INDUSTRIES**	1,140.0	1,148.1	577.3	949.2	983.8	879.4	885.6	728.6	705.9	703.7
331	Blast furnace and basic steel products	517.1	520.8	425.5	411.4	-	402.8	408.8	317.3	306.7	-
3312	Blast furnaces and steel mills	431.6	434.2	352.1	338.8	-	337.3	338.4	262.9	252.9	-
3317	Steel pipe and tubes	32.0	32.6	28.1	28.0	-	25.1	25.6	21.1	21.0	-
332	Iron and steel foundries	203.9	204.8	172.6	161.8	-	163.1	164.6	133.6	124.3	-
3321	Gray iron foundries	123.0	123.9	103.4	97.0	-	100.6	101.8	82.4	76.9	-
3322	Malleable iron foundries	16.3	16.7	13.7	12.7	-	12.6	13.0	10.2	9.3	-
3325	Steel foundries, nec	51.1	51.0	43.4	40.2	-	40.1	40.2	32.9	33.2	-
333	Primary nonferrous metals	70.7	71.2	62.4	60.2	-	53.4	53.8	45.1	43.2	-
3334	Primary aluminum	37.3	37.9	31.0	30.6	-	29.0	29.6	23.0	22.8	-
335	Nonferrous rolling and drawing	207.7	210.1	189.3	189.6	-	148.2	150.4	134.2	134.5	-
3351	Copper rolling and drawing	28.4	30.4	26.0	25.5	-	20.9	22.8	19.3	19.9	-
3353	Aluminum sheet, plate, and foil	35.7	36.0	30.7	31.0	-	27.4	27.6	23.4	23.7	-
3357	Nonferrous wire drawing and insulating	88.3	88.1	81.9	82.0	-	63.7	63.4	57.9	58.0	-
336	Nonferrous foundries	91.1	91.7	81.7	80.8	-	74.2	74.5	64.7	64.0	-
3361	Aluminum foundries	53.2	53.3	47.0	46.6	-	44.4	44.4	38.1	37.7	-
34	**FABRICATED METAL PRODUCTS**	1,605.6	1,616.6	1,476.4	1,465.8	1,467.6	1,186.9	1,195.6	1,065.8	1,057.2	1,061.2
341	Metal cans and shipping containers	72.5	72.9	67.2	67.5	-	61.4	61.9	56.7	56.8	-
3411	Metal cans	59.3	59.7	54.9	55.1	-	50.8	51.2	47.1	47.1	-
342	Cutlery, hand tools, and hardware	162.1	162.5	141.7	138.5	-	124.5	125.1	104.9	101.8	-
34235	Hand and edge tools, and hand saws and blades	55.7	55.8	49.4	46.7	-	42.6	42.8	37.2	34.9	-
3429	Hardware, nec	91.4	91.6	78.7	78.1	-	70.5	70.9	57.8	57.5	-
343	Plumbing and heating, except electric	67.9	68.7	66.2	65.8	-	49.8	49.9	45.8	45.3	-
3432	Plumbing fittings and brass goods	26.6	27.0	27.3	26.9	-	21.4	21.7	21.5	21.0	-
3433	Heating equipment, except electric	38.4	38.7	38.9	38.1	-	19.9	20.2	18.2	17.4	-
344	Fabricated structural metal products	508.3	512.3	468.4	466.3	-	346.5	349.5	311.7	311.0	-
3441	Fabricated structural metal	100.3	100.2	92.4	91.0	-	71.5	71.5	64.8	63.7	-
3442	Metal doors, sash, and trim	81.6	82.6	73.2	75.1	-	59.5	60.6	51.9	53.7	-
3443	Fabricated plate work (boiler shops)	150.0	150.6	137.3	135.3	-	90.6	91.1	80.6	79.7	-
3444	Sheet metal work	107.7	109.2	103.5	102.4	-	78.8	79.6	74.1	73.3	-
3446	Architectural metal work	30.7	31.0	28.4	28.2	-	21.8	21.9	19.5	19.1	-
345	Screw machine products, bolts, etc	105.7	106.5	95.5	93.8	-	81.0	82.0	71.8	70.1	-
3451	Screw machine products	47.8	48.4	44.4	44.0	-	38.9	39.4	35.0	34.6	-
3452	Bolts, nuts, rivets, and washers	57.9	58.1	51.1	49.8	-	42.1	42.6	36.8	35.5	-
346	Metal forgings and stampings	266.3	266.7	233.5	232.5	-	211.9	212.1	183.5	183.2	-
3462	Iron and steel forgings	45.3	44.8	37.7	36.5	-	35.1	34.6	28.7	27.8	-
3465	Automotive stampings	100.7	101.6	86.1	88.6	-	83.8	84.7	72.1	74.7	-
3469	Metal stampings, nec	107.5	107.6	98.0	95.8	-	83.0	83.0	73.8	71.9	-
347	Metal services, nec	101.6	103.0	96.6	95.8	-	81.9	83.1	76.6	75.7	-
3471	Plating and polishing	69.6	70.1	65.4	65.2	-	57.0	57.4	52.9	52.7	-
3479	Metal coating and allied services	32.0	32.9	31.2	30.6	-	24.9	25.7	23.7	23.0	-
348	Ordnance and accessories, nec	68.9	69.2	71.0	71.7	-	44.9	45.1	45.7	46.4	-
3483	Ammunition, exc. for small arms, nec	26.6	26.7	26.6	27.0	-	17.4	17.5	17.6	18.2	-
349	Misc. fabricated metal products	252.3	254.8	236.3	233.9	-	186.0	187.4	169.6	166.9	-
3494	Valves and pipe fittings	104.8	105.7	99.6	98.0	-	72.3	72.6	66.7	65.0	-
3496	Misc. fabricated wire products	53.3	53.6	51.4	51.1	-	41.6	41.7	39.0	38.5	-
35	**MACHINERY, EXCEPT ELECTRICAL**	2,501.3	2,524.9	2,396.4	2,373.3	2,346.0	1,587.0	1,600.1	1,470.3	1,452.4	1,429.1
351	Engines and turbines	132.2	133.7	120.9	120.1	-	84.0	85.3	74.5	74.2	-
3511	Turbines and turbine generator sets	45.6	45.5	44.2	43.9	-	24.0	23.8	23.5	23.4	-
3519	Internal combustion engines, nec	86.6	88.2	76.7	76.2	-	60.0	61.5	51.0	50.8	-
352	Farm and garden machinery	157.5	156.1	141.0	142.3	-	105.3	104.8	93.3	95.4	-
3523	Farm machinery and equipment	137.6	138.3	116.2	118.6	-	91.4	92.6	78.8	78.1	-
353	Construction and related machinery	396.6	402.9	381.8	372.1	-	260.9	265.2	242.6	235.7	-
3531	Construction machinery	143.2	145.0	128.6	125.4	-	95.6	96.6	79.4	76.9	-

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry — Continued

(In thousands)

1972 SIC Code	Industry	All employees					Production workers[1]				
		May 1981	June 1981	Apr. 1982	May 1982P	June 1982P	May 1981	June 1981	Apr. 1982	May 1982P	June 1982P
	MACHINERY, EXCEPT ELECTRICAL—Continued										
3532	Mining machinery	38.1	37.8	36.1	35.0	-	23.7	23.4	22.1	21.3	-
3533	Oil field machinery	116.4	119.7	125.6	121.7	-	80.9	83.5	87.3	84.9	-
3535	Conveyors and conveying equipment	34.5	35.1	33.0	33.0	-	19.4	19.8	17.7	17.6	-
3537	Industrial trucks and tractors	34.8	35.2	30.9	30.0	-	23.3	23.4	19.3	18.6	-
354	Metalworking machinery	366.2	366.3	336.5	332.5	-	265.8	265.3	236.5	233.2	-
3541	Machine tools, metal cutting types	79.9	80.2	68.5	68.1	-	52.2	52.2	42.2	41.5	-
3542	Machine tools, metal forming types	24.4	24.6	22.1	21.4	-	15.8	15.8	13.5	13.0	-
3544	Special dies, tools, jigs, and fixtures	137.6	137.3	131.0	130.1	-	109.7	109.3	102.1	101.7	-
3545	Machine tool accessories	69.7	69.5	64.7	63.1	-	49.3	49.1	44.0	42.6	-
3546	Power driven hand tools	30.7	30.7	27.2	27.1	-	23.6	23.7	19.9	19.9	-
355	Special industry machinery	200.5	201.8	184.1	182.7	-	127.1	128.4	113.1	111.9	-
3551	Food products machinery	44.2	44.3	41.8	41.5	-	28.2	28.3	26.6	26.4	-
3552	Textile machinery	26.4	26.4	23.3	22.9	-	18.4	18.3	15.4	15.2	-
3555	Printing trades machinery	38.6	39.3	38.0	38.0	-	23.9	24.4	22.9	22.8	-
356	General industrial machinery	321.3	323.9	300.5	295.2	-	208.5	210.1	190.3	185.8	-
3561	Pumps and pumping equipment	61.9	62.5	60.1	58.6	-	36.3	36.6	35.0	33.8	-
3562	Ball and roller bearings	57.7	57.6	50.8	49.9	-	44.8	44.6	37.9	37.0	-
3563	Air and gas compressors	31.7	31.9	30.8	30.1	-	18.9	19.0	17.2	16.6	-
3564	Blowers and fans	41.3	41.4	38.8	38.7	-	25.9	25.9	24.0	23.9	-
3566	Speed changers, drives, and gears	27.0	27.5	23.8	22.9	-	17.9	18.2	16.0	15.3	-
3568	Power transmission equipment, nec	22.9	23.2	21.6	21.0	-	16.1	16.3	15.0	14.4	-
357	Office and computing machines	456.2	464.8	484.8	486.4	-	185.5	187.9	193.5	194.1	-
3573	Electronic computing equipment	381.3	389.1	413.6	415.3	-	145.4	147.7	157.1	157.6	-
358	Refrigeration and service machinery	178.6	180.7	166.3	164.6	-	125.4	127.0	114.2	112.9	-
3585	Refrigeration and heating equipment	122.7	123.7	111.8	110.6	-	86.9	87.6	77.5	76.7	-
359	Misc. machinery, except electrical	292.2	294.7	280.5	277.4	-	224.5	226.1	212.3	209.2	-
3592	Carburetors, pistons, rings, valves	38.9	39.0	35.5	36.3	-	31.8	31.6	27.7	28.5	-
3599	Machinery, except electrical, nec	253.3	255.7	245.0	241.1	-	192.7	194.5	184.6	180.7	-
36	**ELECTRIC AND ELECTRONIC EQUIPMENT**	2,093.1	2,109.5	2,027.9	2,024.4	2,034.6	1,321.0	1,329.4	1,240.0	1,235.7	1,248.3
361	Electric distributing equipment	122.0	123.6	113.5	111.7	-	86.6	88.2	80.3	78.4	-
3612	Transformers	53.7	54.5	50.6	50.1	-	37.9	38.8	36.4	35.7	-
3613	Switchgear and switchboard apparatus	68.3	69.1	62.9	61.6	-	48.7	49.4	43.9	42.7	-
362	Electrical industrial apparatus	242.4	243.4	218.3	218.7	-	172.8	173.4	152.5	153.4	-
3621	Motors and generators	126.1	125.8	111.9	111.4	-	96.9	96.5	88.5	88.5	-
3622	Industrial controls	71.7	72.4	66.6	66.7	-	44.4	44.8	40.6	40.5	-
363	Household appliances	166.5	167.3	144.7	144.3	-	133.0	133.8	111.5	110.9	-
3632	Household refrigerators and freezers	37.0	37.8	30.5	31.0	-	30.5	31.2	24.1	24.5	-
3633	Household laundry equipment	22.2	22.6	19.5	19.7	-	17.6	17.9	14.7	14.9	-
3634	Electric housewares and fans	50.8	50.9	44.8	45.3	-	40.7	40.9	34.6	34.9	-
364	Electric lighting and wiring equipment	204.6	207.0	192.2	189.4	-	152.2	153.4	140.4	138.5	-
3641	Electric lamps	32.0	33.1	33.4	33.1	-	27.9	28.8	29.3	29.1	-
3643	Current-carrying wiring devices	84.0	85.1	79.4	77.8	-	58.0	58.0	52.9	51.6	-
3644	Noncurrent-carrying wiring devices	21.4	21.6	19.0	18.3	-	15.6	15.9	13.7	13.2	-
3645	Residential lighting fixtures	25.3	25.2	22.3	21.6	-	19.2	19.2	16.7	16.1	-
365	Radio and TV receiving equipment	106.0	106.7	96.1	95.7	-	76.1	76.1	65.5	65.6	-
3651	Radio and TV receiving sets	81.3	82.4	74.5	73.7	-	56.4	57.0	49.6	49.3	-
366	Communication equipment	549.5	552.5	555.5	553.9	-	268.0	268.6	262.4	261.4	-
3661	Telephone and telegraph apparatus	157.5	155.7	145.7	143.6	-	108.8	103.5	95.0	94.2	-
3662	Radio and TV communication equipment	392.0	396.8	409.8	410.3	-	163.2	165.1	167.4	167.2	-
367	Electronic components and accessories	555.5	561.9	566.6	569.3	-	326.6	329.8	327.1	326.4	-
3671,3	Electronic tubes	44.2	44.3	42.9	43.4	-	27.2	27.3	26.0	26.3	-
3674	Semiconductors and related devices	223.4	224.5	227.0	229.5	-	92.9	92.0	90.1	90.0	-
3679	Electronic components, nec	215.9	219.8	225.8	225.8	-	151.3	154.0	156.8	156.3	-
369	Misc. electrical equipment and supplies	146.6	147.1	141.0	141.4	-	105.7	106.1	100.3	101.1	-
3691	Storage batteries	27.6	28.1	27.5	27.8	-	21.5	21.9	21.2	21.5	-
3694	Engine electrical equipment	61.6	61.5	56.2	56.1	-	47.5	47.4	43.8	43.9	-
37	**TRANSPORTATION EQUIPMENT**	1,936.8	1,982.6	1,749.9	1,761.2	1,752.5	1,262.6	1,259.6	1,090.3	1,108.5	1,104.8
371	Motor vehicles and equipment	820.5	826.8	694.2	717.5	-	619.1	625.0	507.1	533.8	-
3711	Motor vehicles and car bodies	377.4	379.5	300.4	314.3	-	272.0	274.2	206.8	223.0	-
3713	Truck and bus bodies	37.1	37.7	33.4	33.5	-	27.8	28.4	25.2	25.4	-
3714	Motor vehicle parts and accessories	375.0	378.1	330.3	339.4	-	295.4	298.1	252.9	263.0	-
3715	Truck trailers	26.0	26.6	24.8	24.8	-	20.1	20.6	18.1	18.1	-
372	Aircraft and parts	652.0	651.1	619.5	612.6	-	348.0	344.7	316.3	312.7	-
3721	Aircraft	347.3	347.2	329.4	325.7	-	169.4	168.0	149.6	148.8	-
3724	Aircraft engines and engine parts	164.7	164.0	153.3	150.6	-	93.5	92.7	87.9	85.4	-
3728	Aircraft equipment, nec	140.0	139.9	136.8	136.3	-	85.1	84.0	78.8	78.5	-
373	Ship and boat building and repairing	231.1	230.8	213.7	210.6	-	183.7	178.8	163.9	161.4	-
3731	Ship building and repairing	185.9	185.2	172.9	170.3	-	145.7	140.6	130.3	128.5	-
3732	Boat building and repairing	45.2	45.6	40.8	40.3	-	38.0	38.2	33.6	32.9	-
374	Railroad equipment	56.3	55.3	39.9	39.8	-	38.8	37.6	25.0	24.7	-
376	Guided missiles, space vehicles, parts	120.0	121.7	126.1	127.1	-	35.9	36.2	38.4	38.7	-
3761	Guided missiles and space vehicles	93.7	95.3	98.9	100.4	-	26.2	26.5	28.2	28.9	-

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry—Continued

[In thousands]

1972 SIC Code	Industry	All employees					Production workers[1]				
		May 1981	June 1981	Apr. 1982	May 1982P	June 1982P	May 1981	June 1981	Apr. 1982	May 1982P	June 1982P
	TRANSPORTATION EQUIPMENT—Continued	723.8	732.3	711.1	711.7	714.6	428.9	433.5	411.3	411.9	416.1
379	Miscellaneous transportation equipment	38.7	38.8	40.5	41.5	-	23.6	23.8	28.0	28.9	-
3792	Travel trailers and campers	18.1	18.1	18.2	18.4	-	14.2	14.1	14.2	14.3	-
38	**INSTRUMENTS AND RELATED PRODUCTS**	78.3	78.7	76.9	76.4	-	37.9	37.9	35.8	35.4	-
381	Engineering and scientific instruments	256.9	260.3	247.4	246.6	-	160.8	163.7	152.4	151.9	-
382	Measuring and controlling devices	48.0	47.5	42.9	42.9	-	32.6	32.3	28.4	28.7	-
3822	Environmental controls	58.8	60.6	58.7	58.5	-	30.9	32.0	30.4	30.3	-
3823	Process control instruments	103.9	105.6	103.7	103.3	-	64.8	66.4	65.0	64.8	-
3825	Instruments to measure electricity	33.6	33.7	33.0	33.0	-	18.5	18.5	17.8	18.1	-
383	Optical instruments and lenses	159.1	160.3	161.1	161.1	-	100.3	100.5	100.3	100.0	-
384	Medical instruments and supplies	75.2	75.9	77.0	77.4	-	46.0	46.1	45.4	45.7	-
3841	Surgical and medical instruments	67.2	67.9	68.4	67.9	-	43.9	44.2	45.4	44.9	-
3842	Surgical appliances and supplies	41.7	41.4	36.6	37.3	-	29.6	29.1	25.3	25.6	-
385	Ophthalmic goods	134.7	136.3	138.0	139.3	-	67.5	69.6	67.1	68.3	-
386	Photographic equipment and supplies	19.5	19.6	18.1	18.0	-	14.3	14.2	12.6	12.6	-
387	Watches, clocks, and watchcases										
39	**MISCELLANEOUS MANUFACTURING INDUSTRIES**	409.3	414.9	390.0	388.0	389.5	303.2	307.5	282.6	282.0	284.2
391	Jewelry, silverware, and plated ware	56.2	56.2	57.0	56.5	-	40.1	40.0	40.0	39.7	-
3911	Jewelry, precious metal	37.0	37.0	36.7	36.1	-	25.9	25.9	25.7	25.3	-
393	Musical instruments	21.3	21.7	19.7	19.5	-	17.3	17.5	15.5	15.3	-
394	Toys and sporting goods	118.4	121.2	109.2	109.7	-	89.2	91.8	80.9	81.6	-
3942, 4	Dolls, games, toys, and children's vehicles	59.5	62.5	53.0	53.6	-	43.5	46.3	37.4	38.3	-
3949	Sporting and athletic goods, nec	58.9	58.7	56.2	56.1	-	45.7	45.5	43.5	43.3	-
395	Pens, pencils, office and art supplies	37.0	37.2	36.2	35.9	-	26.3	26.6	25.3	25.2	-
396	Costume jewelry and notions	46.4	47.0	41.0	41.1	-	35.7	36.0	30.8	31.3	-
3961	Costume jewelry	23.5	23.9	21.1	21.5	-	17.9	18.3	15.9	16.5	-
399	Miscellaneous manufactures	130.0	131.6	126.9	125.3	-	94.6	95.6	90.1	88.9	-
3993	Signs and advertising displays	46.4	46.6	45.7	45.3	-	33.5	33.6	32.5	32.2	-
	NONDURABLE GOODS	1,638.4	1,663.9	1,578.5	1,599.3	1,624.4	1,116.0	1,137.1	1,065.0	1,083.4	1,105.7
20	**FOOD AND KINDRED PRODUCTS**	354.2	356.2	338.1	342.8	-	295.1	297.3	281.6	286.2	-
201	Meat products	155.2	155.8	147.2	148.7	-	127.4	127.9	120.8	122.4	-
2011	Meat packing plants	70.3	71.5	67.7	69.2	-	52.2	53.5	50.1	51.3	-
2013	Sausages and other prepared meats	114.0	115.4	109.9	111.7	-	102.9	104.4	99.4	101.1	-
2016	Poultry dressing plants	170.9	174.8	166.5	168.8	-	94.5	97.6	92.5	94.3	-
202	Dairy products	35.7	36.9	34.0	34.5	-	27.3	28.3	25.6	26.0	-
2022	Cheese, natural and processed	96.9	98.2	94.0	94.6	-	83.3	84.0	82.5	82.8	-
2026	Fluid milk	214.3	220.3	194.1	201.0	-	171.1	176.6	155.2	162.0	-
203	Preserved fruits and vegetables	23.6	23.3	22.0	22.0	-	17.3	16.9	15.6	15.6	-
2032	Canned specialties	71.2	73.7	61.0	64.2	-	55.2	57.6	47.0	49.8	-
2033	Canned fruits and vegetables	46.7	48.4	42.1	44.4	-	40.3	42.0	36.1	38.6	-
2037	Frozen fruits and vegetables	138.6	139.0	135.6	135.5	-	96.2	96.6	91.9	91.4	-
204	Grain mill products	25.3	25.4	26.0	25.8	-	15.9	16.2	15.9	15.7	-
2041	Flour and other grain mill products	54.1	54.3	51.7	51.9	-	35.4	35.5	33.1	33.1	-
2048	Prepared feeds, nec	218.2	219.9	215.6	216.7	-	126.0	127.6	125.6	126.3	-
205	Bakery products	176.9	178.6	174.7	176.2	-	93.7	95.2	93.3	94.3	-
2051	Bread, cake, and related products	41.3	41.3	40.9	40.5	-	32.3	32.4	32.3	32.0	-
2052	Cookies and crackers	99.5	99.9	97.5	97.5	-	74.1	74.4	72.3	72.7	-
206	Sugar and confectionery products	29.1	28.6	28.3	28.0	-	20.9	20.4	20.0	20.3	-
2061,3	Cane and beet sugar	51.4	52.3	50.0	50.0	-	40.6	41.3	39.7	39.6	-
2065	Confectionery products	42.1	41.8	43.3	43.5	-	31.1	30.9	32.6	32.5	-
207	Fats and oils	233.8	237.8	231.3	234.4	-	103.9	105.4	98.2	100.6	-
208	Beverages	51.4	51.2	48.5	49.2	-	34.2	33.5	31.1	31.7	-
2082	Malt beverages	136.8	140.4	138.0	140.4	-	85.1	86.6	84.6	86.0	-
2086	Bottled and canned soft drinks	166.8	174.2	156.5	159.1	-	124.0	130.7	115.1	117.4	-
209	Misc. foods and kindred products	64.2	65.5	62.0	61.1	62.4	48.9	50.2	47.3	46.7	48.0
21	**TOBACCO MANUFACTURES**	46.7	48.2	46.0	45.3	-	35.3	36.7	35.2	34.6	-
211	Cigarettes	827.6	834.1	770.5	757.7	739.5	717.6	723.5	660.4	649.0	633.9
22	**TEXTILE MILL PRODUCTS**	141.3	141.6	130.8	127.6	-	125.9	126.4	115.2	112.5	-
221	Weaving mills, cotton	111.7	112.3	103.7	96.0	-	100.4	101.1	92.4	84.8	-
222	Weaving mills, synthetics	19.5	19.7	17.8	17.4	-	16.2	16.4	14.8	14.6	-
223	Weaving and finishing mills, wool	23.8	24.0	23.3	22.9	-	21.0	21.2	20.3	19.9	-
224	Narrow fabric mills	219.5	222.0	203.1	205.7	-	190.3	192.6	174.3	177.1	-
225	Knitting mills	31.5	31.8	29.8	30.7	-	28.1	28.4	26.6	27.5	-
2251	Women's hosiery, except socks	33.2	33.6	31.3	31.2	-	30.2	30.6	28.2	28.1	-
2252	Hosiery, nec	72.0	73.5	68.9	70.5	-	61.4	62.6	57.9	59.9	-
2253	Knit outerwear mills	30.6	31.1	27.6	28.0	-	26.6	27.1	23.4	23.5	-
2254	Knit underwear mills										

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry—Continued

[In thousands]

1972 SIC Code	Industry	All employees					Production workers[1]				
		May 1981	June 1981	Apr. 1982	May 1982P	June 1982P	May 1981	June 1981	Apr. 1982	May 1982P	June 1982P
	TEXTILE MILL PRODUCTS—Continued										
2257	Circular knit fabric mills	30.2	30.0	25.3	25.3	-	25.6	25.4	21.4	21.3	-
226	Textile finishing, except wool	71.0	71.7	67.3	67.3	-	59.1	59.7	55.6	55.7	-
2261	Finishing plants, cotton	28.9	29.5	28.3	28.7	-	23.7	24.3	23.0	23.5	-
2262	Finishing plants, synthetics	27.6	27.7	25.4	25.3	-	23.2	23.3	21.2	21.1	-
227	Floor covering mills	52.9	53.0	49.0	48.7	-	42.6	42.5	38.6	38.4	-
228	Yarn and thread mills	122.0	122.9	114.4	111.9	-	110.1	110.8	101.4	98.8	-
2281	Yarn mills, except wool	82.9	83.2	78.7	76.5	-	76.1	76.3	70.8	68.6	-
2282	Throwing and winding mills	20.0	20.4	18.3	18.1	-	17.7	18.0	16.0	15.8	-
229	Miscellaneous textile goods	65.9	66.9	61.1	60.2	-	52.0	52.8	47.8	47.2	-
23	**APPAREL AND OTHER TEXTILE PRODUCTS**	1,256.6	1,271.8	1,167.5	1,170.9	1,178.9	1,071.3	1,085.4	989.2	991.1	1,001.0
231	Men's and boys' suits and coats	75.9	77.4	75.3	75.1	-	66.7	68.2	65.5	65.6	-
232	Men's and boys' furnishings	351.8	356.7	327.0	329.8	-	300.3	305.0	277.4	280.5	-
2321	Men's and boys' shirts and nightwear	97.4	99.0	92.7	92.2	-	83.8	85.4	79.4	79.2	-
2327	Men's and boys' separate trousers	72.0	72.5	67.7	68.8	-	62.6	63.4	58.4	60.0	-
2328	Men's and boys' work clothing	102.5	104.2	93.9	94.7	-	85.7	86.9	77.2	78.7	-
233	Women's and misses' outerwear	415.1	418.3	379.1	378.5	-	356.0	359.0	324.8	322.7	-
2331	Women's and misses' blouses and waists	63.0	62.8	58.6	59.1	-	55.1	54.9	50.5	50.8	-
2335	Women's and misses' dresses	138.9	140.5	133.1	128.0	-	122.3	123.6	116.8	111.0	-
2337	Women's and misses' suits and coats	62.9	65.3	47.7	53.8	-	53.7	55.9	40.2	45.7	-
2339	Women's and misses' outerwear, nec	150.3	149.7	139.7	137.6	-	124.9	124.6	117.3	115.2	-
234	Women's and children's undergarments	90.5	91.5	87.9	86.7	-	77.3	78.2	74.8	73.7	-
2341	Women's and children's underwear	72.1	72.9	70.6	70.0	-	62.9	63.5	61.6	61.0	-
2342	Brassieres and allied garments	18.4	18.6	17.3	16.7	-	14.4	14.7	13.2	12.7	-
236	Children's outerwear	63.8	65.2	60.1	61.8	-	54.0	55.3	50.7	52.3	-
2361	Children's dresses and blouses	26.9	27.3	25.2	26.0	-	24.1	24.4	22.4	23.1	-
238	Misc. apparel and accessories	57.3	58.6	53.1	52.0	-	48.6	49.9	44.4	43.4	-
239	Misc. fabricated textile products	178.4	180.1	163.5	164.7	-	147.8	148.9	133.5	134.1	-
2391	Curtains and draperies	26.6	26.9	24.4	24.8	-	22.2	22.4	19.9	20.2	-
2392	House furnishings, nec	47.9	48.1	46.5	45.3	-	39.5	39.6	38.6	37.4	-
2396	Automotive and apparel trimmings	33.3	33.6	25.3	26.9	-	28.6	28.7	20.2	21.8	-
26	**PAPER AND ALLIED PRODUCTS**	689.0	696.5	682.2	659.9	664.5	519.0	526.3	494.3	492.6	496.2
261, 2, 8	Paper and pulp mills	203.3	207.1	195.2	194.0	-	152.6	156.0	146.3	145.3	-
262	Paper mills, except building paper	174.9	178.5	169.6	168.0	-	130.1	133.4	125.6	124.3	-
263	Paperboard mills	63.5	64.3	61.0	60.6	-	49.8	50.5	47.3	47.1	-
264	Misc. converted paper products	220.1	221.7	215.9	215.1	-	162.1	164.2	157.4	156.5	-
2641	Paper coating and glazing	55.8	56.2	55.2	55.2	-	35.8	36.8	34.7	34.6	-
2642	Envelopes	25.4	25.3	25.3	25.1	-	19.8	19.8	19.5	19.3	-
2643	Bags, except textile bags	49.6	49.6	49.5	49.0	-	38.6	38.8	38.5	37.9	-
265	Paperboard containers and boxes	202.1	203.4	190.1	190.2	-	154.5	155.6	143.3	143.7	-
2651	Folding paperboard boxes	43.1	43.4	42.1	42.0	-	33.7	33.9	32.7	32.5	-
2653	Corrugated and solid fiber boxes	103.5	104.4	96.6	96.3	-	76.0	76.8	70.4	70.4	-
2654	Sanitary food containers	25.8	25.7	24.1	24.2	-	21.2	21.1	19.3	19.4	-
27	**PRINTING AND PUBLISHING**	1,259.9	1,264.0	1,273.8	1,271.2	1,267.9	696.5	695.3	700.4	698.5	698.7
271	Newspapers	419.9	422.1	423.9	423.7	-	161.1	161.0	160.9	160.5	-
272	Periodicals	94.3	95.2	99.6	99.3	-	18.4	18.8	21.6	22.1	-
273	Books	101.6	100.8	100.9	100.1	-	53.5	51.9	52.2	51.6	-
2731	Book publishing	71.0	70.5	70.4	70.1	-	28.0	26.8	27.0	27.0	-
2732	Book printing	30.6	30.3	30.5	30.0	-	25.5	25.1	25.2	24.6	-
274	Miscellaneous publishing	48.9	48.8	49.6	49.1	-	25.8	25.8	26.8	25.7	-
275	Commercial printing	414.9	415.6	417.4	417.2	-	305.0	304.4	305.8	305.8	-
2751	Commercial printing, letterpress	153.6	153.9	151.8	151.8	-	113.3	113.0	111.6	111.6	-
2752	Commercial printing, lithographic	238.4	239.0	242.2	242.5	-	172.8	173.1	175.6	175.9	-
276	Manifold business forms	48.9	49.2	48.7	48.5	-	34.2	34.2	34.0	33.9	-
278	Blankbooks and bookbinding	62.7	63.1	63.1	62.9	-	51.0	51.6	51.1	50.8	-
279	Printing trade services	44.7	44.4	45.3	45.2	-	33.3	33.0	33.4	33.3	-
28	**CHEMICALS AND ALLIED PRODUCTS**	1,110.1	1,121.6	1,080.9	1,079.4	1,084.6	632.7	639.3	602.2	603.1	609.3
281	Industrial inorganic chemicals	159.6	161.2	155.1	154.3	-	87.6	88.4	83.2	83.2	-
2819	Industrial inorganic chemicals, nec	105.4	106.4	101.0	101.0	-	57.6	58.2	54.0	53.8	-
282	Plastics materials and synthetics	196.3	197.8	185.5	184.3	-	130.8	132.1	120.2	119.5	-
2821	Plastics materials and resins	78.5	79.4	74.7	74.1	-	46.4	47.2	43.4	43.0	-
2824	Organic fibers, noncellulosic	83.3	83.4	78.7	78.1	-	58.8	58.9	55.0	54.7	-
283	Drugs	198.6	201.2	198.6	199.3	-	99.6	100.6	96.9	97.9	-
2834	Pharmaceutical preparations	156.9	159.0	156.8	156.5	-	77.3	78.2	75.1	75.4	-
284	Soap, cleaners, and toilet goods	144.0	146.5	142.8	142.9	-	90.0	92.2	88.6	88.7	-
2841	Soap and other detergents	44.1	44.5	43.8	43.7	-	28.8	29.4	28.5	28.5	-
2844	Toilet preparations	61.4	63.1	60.7	60.8	-	40.3	41.6	39.7	39.8	-
2842, 3	Polishing, sanitation, and finishing preparations	38.5	38.9	38.3	38.4	-	20.9	21.2	20.4	20.4	-
285	Paints and allied products	63.9	65.1	59.6	59.9	-	31.9	32.8	28.6	29.0	-
286	Industrial organic chemicals	179.3	180.9	175.3	175.5	-	91.3	92.0	88.0	88.7	-

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry — Continued

(In thousands)

1972 SIC Code	Industry	All employees					Production workers[1]				
		May 1981	June 1981	Apr. 1982	May 1982P	June 1982P	May 1981	June 1981	Apr. 1982	May 1982P	June 1982P
	CHEMICALS AND ALLIED PRODUCTS—Cont'd										
2865	Cyclic crudes and intermediates	37.8	37.9	35.9	36.1	-	23.2	23.3	22.0	22.2	-
2861,9	Gum, wood, and industrial organic chemicals, nec	141.5	143.0	139.4	139.4	-	68.1	68.7	66.0	66.5	-
287	Agricultural chemicals	71.5	72.9	71.2	70.7	-	46.7	45.6	44.5	44.1	-
289	Miscellaneous chemical products	94.9	96.0	92.8	92.5	-	54.8	55.6	52.2	52.0	-
29	PETROLEUM AND COAL PRODUCTS	217.5	220.0	203.8	206.4	208.8	137.9	139.1	121.0	124.3	128.5
291	Petroleum refining	173.7	175.7	168.2	168.3	-	106.1	106.9	96.6	97.5	-
295	Paving and roofing materials	31.2	31.7	23.7	26.3	-	23.7	24.1	17.2	19.6	-
30	RUBBER AND MISC. PLASTICS PRODUCTS	741.1	750.9	704.2	704.6	707.6	574.7	581.3	539.5	541.2	545.1
301	Tires and inner tubes	106.9	108.5	104.4	102.8	-	75.2	74.8	74.2	73.3	-
302	Rubber and plastics footwear	22.4	22.8	21.4	21.8	-	19.8	20.2	18.4	18.9	-
303.4	Reclaimed rubber, and rubber and plastics hose and belting	23.8	24.1	20.6	21.3	-	16.8	17.0	14.8	15.4	-
308	Fabricated rubber products, nec	106.1	107.3	97.2	96.3	-	82.9	84.1	73.9	73.1	-
307	Miscellaneous plastics products	481.9	488.2	460.6	462.4	-	380.0	385.2	358.2	360.5	-
31	LEATHER AND LEATHER PRODUCTS	237.2	240.1	213.4	214.4	215.6	200.7	203.2	179.4	179.8	181.1
311	Leather tanning and finishing	21.0	21.3	18.6	18.8	-	17.6	18.0	15.4	15.4	-
314	Footwear, except rubber	145.8	147.3	130.2	129.9	-	125.1	126.4	111.5	110.8	-
3143	Men's footwear, except athletic	57.9	58.6	51.7	50.3	-	49.5	50.1	43.2	41.7	-
3144	Women's footwear, except athletic	54.6	55.9	47.5	48.6	-	46.8	48.0	41.0	42.0	-
316	Luggage	15.9	16.2	13.4	13.8	-	12.3	12.5	10.2	10.6	-
317	Handbags and personal leather goods	30.0	30.4	27.6	28.2	-	25.1	25.4	22.6	23.2	-
	TRANSPORTATION AND PUBLIC UTILITIES	5,151	5,199	5,058	5,096	5,112	4,275	4,319	4,175	4,211	4,226
40	RAILROAD TRANSPORTATION	499.8	498.3	481.6	488.4	-	-	-	-	-	-
4011	Class I railroads[2]	461.1	459.6	405.8	411.9	-	-	-	-	-	-
41	LOCAL AND INTERURBAN PASSENGER TRANSIT	276.5	284.9	283.6	292.2	-	257.2	265.6	263.2	271.6	-
411	Local and suburban transportation	81.6	82.7	84.7	85.2	-	74.8	75.4	77.2	77.7	-
412	Taxicabs	47.3	46.5	46.4	46.3	-	-	-	-	-	-
413	Intercity highway transportation	38.4	39.4	35.8	36.7	-	35.5	36.3	32.9	33.7	-
415	School buses	90.9	78.2	98.8	104.6	-	-	-	-	-	-
42	TRUCKING AND WAREHOUSING	1,249.4	1,268.4	1,198.1	1,202.5	-	1,085.2	1,107.1	1,029.0	1,043.2	-
421,3	Trucking and trucking terminals	1,165.6	1,183.3	1,105.5	1,120.8	-	1,015.4	1,036.1	960.2	975.3	-
422	Public warehousing	83.8	85.1	82.6	81.7	-	69.8	71.0	68.8	67.9	-
44	WATER TRANSPORTATION	218.3	222.9	203.7	201.5	-	-	-	-	-	-
45	TRANSPORTATION BY AIR	456.0	459.6	441.2	442.9	-	-	-	-	-	-
451,2	Air transportation	404.7	407.8	390.3	391.5	-	-	-	-	-	-
46	PIPE LINES, EXCEPT NATURAL GAS	21.4	22.5	21.9	22.5	-	14.9	15.9	15.0	15.4	-
47	TRANSPORTATION SERVICES	207.6	214.5	220.4	222.2	-	-	-	-	-	-
48	COMMUNICATION	1,378.5	1,387.8	1,396.9	1,398.0	-	1,031.0	1,039.6	1,054.9	1,056.6	-
481	Telephone communication	1,072.4	1,078.2	1,074.9	1,072.2	-	781.0	785.8	788.7	787.1	-
483	Radio and television broadcasting	206.4	208.1	212.9	216.3	-	166.7	168.2	173.6	176.9	-
49	ELECTRIC, GAS, AND SANITARY SERVICES	843.6	860.5	860.7	865.4	-	689.7	704.7	698.5	702.2	-
491	Electric services	401.6	407.6	410.1	411.9	-	325.5	330.6	326.7	328.4	-
492	Gas production and distribution	172.1	178.0	175.7	176.9	-	140.4	145.7	141.3	142.0	-
493	Combination utility services	197.2	200.8	199.6	200.5	-	161.4	164.8	165.7	166.0	-
495	Sanitary services	49.2	50.2	52.1	52.9	-	43.0	43.8	45.9	46.8	-
	WHOLESALE AND RETAIL TRADE	20,520	20,671	20,446	20,632	20,721	17,896	18,040	17,846	18,032	18,128
50,51	WHOLESALE TRADE	5,351	5,397	5,307	5,315	5,334	4,355	4,396	4,288	4,297	4,315
50	WHOLESALE TRADE - DURABLE GOODS	3,172	3,198	3,149	3,143	-	2,577	2,598	2,532	2,526	-
501	Motor vehicles and automotive equipment	411.2	414.2	412.6	414.4	-	331.0	333.6	332.1	334.2	-
502	Furniture and home furnishing	115.3	115.2	118.1	117.2	-	93.8	93.7	96.8	96.2	-
503	Lumber and construction materials	193.5	194.2	178.0	179.5	-	159.6	160.1	144.8	146.0	-
504	Sporting goods, toys, and hobby goods	71.0	71.3	71.1	71.0	-	56.8	57.4	56.9	56.8	-
505	Metals and minerals, except petroleum	152.7	153.5	144.2	142.8	-	122.8	124.0	113.9	112.9	-
506	Electrical goods	430.9	433.8	437.0	435.9	-	346.4	349.0	350.8	349.1	-
507	Hardware, plumbing, and heating equipment	244.2	245.8	236.9	236.0	-	200.0	201.3	191.6	190.8	-

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry—Continued

(In thousands)

1972 SIC Code	Industry	All employees					Production workers[1]				
		May 1981	June 1981	Apr. 1982	May 1982P	June 1982P	May 1981	June 1981	Apr. 1982	May 1982P	June 1982P
	WHOLESALE TRADE-DURABLE GOODS—Continued										
508	Machinery, equipment, and supplies	1,342.0	1,359.8	1,361.5	1,359.6	-	1,088.3	1,101.3	1,087.0	1,084.6	-
509	Miscellaneous durable goods	210.8	210.3	189.5	186.7	-	177.9	177.9	158.4	155.8	-
51	WHOLESALE TRADE-NONDURABLE GOODS	2,179	2,199	2,158	2,172	-	1,778	1,798	1,756	1,771	-
511	Paper and paper products	154.6	155.9	156.6	156.5	-	125.2	126.8	125.9	125.4	-
512	Drugs, proprietaries, and sundries	149.9	150.8	151.8	152.0	-	126.5	127.3	128.4	128.6	-
513	Apparel, piece goods, and notions	167.8	169.6	169.1	168.6	-	131.9	133.4	132.0	131.9	-
514	Groceries and related products	662.1	672.4	643.4	652.5	-	567.6	578.0	551.1	560.7	-
516	Chemicals and allied products	131.3	134.1	136.3	136.2	-	94.0	96.9	97.2	97.4	-
517	Petroleum and petroleum products	233.9	234.8	231.3	233.7	-	176.1	177.2	173.6	176.4	-
518	Beer, wine, and distilled beverages	141.3	143.8	143.0	144.7	-	118.1	120.5	118.9	120.5	-
519	Miscellaneous nondurable goods	399.9	399.3	396.5	399.4	-	326.5	325.5	323.6	326.0	-
52-59	RETAIL TRADE	15,169	15,274	15,139	15,317	15,387	13,581	13,688	13,558	13,735	13,809
52	BUILDING MATERIALS AND GARDEN SUPPLIES	625.3	623.5	588.4	598.2	-	529.9	528.1	490.9	504.7	-
521	Lumber and other building materials	322.9	326.3	298.9	306.8	-	273.2	276.4	250.5	258.5	-
525	Hardware stores	150.0	151.5	145.1	146.9	-	128.1	129.7	123.3	124.9	-
53	GENERAL MERCHANDISE STORES	2,179.6	2,190.2	2,171.1	2,185.0	-	1,941.7	1,962.0	2,004.1	2,021.2	-
531	Department stores	1,826.3	1,834.3	1,820.6	1,834.1	-	1,623.2	1,641.1	1,687.6	1,704.4	-
533	Variety stores	232.0	230.8	221.3	221.5	-	214.8	213.7	205.7	205.4	-
539	Misc. general merchandise stores	121.3	125.1	129.2	129.4	-	103.7	107.2	110.8	111.4	-
54	FOOD STORES	2,413.5	2,432.9	2,425.0	2,447.5	-	2,235.5	2,252.9	2,244.4	2,266.0	-
541	Grocery stores	2,114.5	2,131.6	2,129.2	2,148.2	-	1,963.0	1,979.4	1,975.9	1,994.7	-
542	Meat markets and freezer provisioners	55.2	56.6	55.0	55.7	-	-	-	-	-	-
546	Retail bakeries	127.7	128.5	126.6	127.2	-	117.6	117.7	117.0	117.2	-
55	AUTOMOTIVE DEALERS AND SERVICE STATIONS	1,654.0	1,662.0	1,634.0	1,645.4	-	1,400.1	1,408.6	1,375.8	1,385.7	-
551,2	New and used car dealers	751.4	753.5	729.6	732.1	-	613.8	616.3	596.7	599.0	-
553	Auto and home supply stores	263.4	265.5	270.1	275.7	-	228.1	230.8	232.3	236.6	-
554	Gasoline service stations	558.0	561.0	551.5	552.2	-	488.6	491.0	480.5	480.7	-
56	APPAREL AND ACCESSORY STORES	951.9	953.2	957.5	955.6	-	811.9	814.2	814.2	813.0	-
561	Men's and boys' clothing and furnishings	125.3	126.2	126.5	125.7	-	105.7	106.5	106.7	106.4	-
562	Women's ready-to-wear stores	347.9	345.9	340.5	345.1	-	301.3	299.8	293.7	297.8	-
565	Family clothing stores	173.9	175.5	174.6	173.7	-	151.4	153.0	151.4	151.6	-
566	Shoe stores	202.2	203.4	214.3	210.0	-	165.9	167.6	175.4	170.4	-
57	FURNITURE AND HOME FURNISHINGS STORES	592.1	597.2	588.4	587.8	-	489.2	492.0	485.4	484.9	-
571	Furniture and home furnishings stores	370.4	373.3	364.0	362.7	-	306.7	309.0	300.6	299.4	-
572	Household appliance stores	78.1	79.0	80.1	80.2	-	66.5	67.2	67.6	67.4	-
573	Radio, television, and music stores	143.6	144.9	144.3	144.9	-	116.0	115.8	117.2	118.1	-
58	EATING AND DRINKING PLACES	4,826.1	4,888.1	4,816.4	4,929.8	-	4,453.5	4,509.8	4,434.1	4,544.8	-
59	MISCELLANEOUS RETAIL	1,926.9	1,926.5	1,961.8	1,967.5	-	1,679.4	1,676.1	1,709.2	1,714.2	-
591	Drug stores and proprietary stores	490.9	493.6	494.4	494.4	-	442.9	445.0	442.3	442.6	-
592	Liquor stores	133.3	135.6	134.6	135.1	-	-	-	-	-	-
594	Miscellaneous shopping goods stores	598.5	601.0	628.8	628.5	-	509.4	510.8	539.1	538.9	-
596	Nonstore retailers	257.9	260.5	267.7	265.0	-	238.0	240.1	246.5	244.2	-
598	Fuel and ice dealers	101.1	101.0	104.1	102.2	-	84.1	83.7	86.5	84.7	-
599	Retail stores, nec	282.7	272.5	269.9	279.7	-	239.3	228.3	228.0	236.1	-
	FINANCE, INSURANCE, AND REAL ESTATE [1]	5,296	5,353	5,319	5,340	5,402	4,000	4,053	3,983	3,998	4,060
60	BANKING	1,617.9	1,634.4	1,645.4	1,646.3	-	1,236.3	1,251.4	1,233.7	1,233.9	-
602	Commercial and stock savings banks	1,474.2	1,489.0	1,500.7	1,501.4	-	1,120.4	1,134.0	1,117.9	1,118.2	-
61	CREDIT AGENCIES OTHER THAN BANKS	585.7	587.0	583.1	584.3	-	445.5	446.6	440.7	441.5	-
612	Savings and loan associations	265.0	265.4	271.3	271.4	-	201.0	201.4	206.8	207.1	-
614	Personal credit institutions	205.6	204.8	194.3	194.8	-	158.8	158.4	149.1	149.3	-
62	SECURITY, COMMODITY BROKERS, AND SERVICES	256.2	261.4	277.1	277.3	-	-	-	-	-	-
621	Security brokers and dealers	210.0	214.4	230.7	230.9	-	-	-	-	-	-
63	INSURANCE CARRIERS	1,235.0	1,238.1	1,225.3	1,225.9	-	854.9	858.4	841.1	838.8	-
631	Life insurance	542.2	543.5	538.6	540.3	-	337.2	339.9	334.0	332.7	-

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry – Continued

[In thousands]

1972 SIC Code	Industry	All employees					Production workers[1]				
		May 1981	June 1981	Apr. 1982	May 1982P	June 1982P	May 1981	June 1981	Apr. 1982	May 1982P	June 1982P
	INSURANCE CARRIERS—Continued										
632	Medical service and health insurance	142.8	143.3	140.7	141.4	–	113.3	113.8	112.0	112.4	–
633	Fire, marine, and casualty insurance	475.5	476.7	474.6	473.3	–	346.5	346.4	340.3	339.4	–
64	INSURANCE AGENTS, BROKERS, AND SERVICE	463.5	466.3	473.4	477.6	–	–	–	–	–	–
65	REAL ESTATE	998.9	1,025.8	968.8	980.6	–	–	–	–	–	–
651	Real estate operators and lessors	468.3	482.5	470.4	469.8	–	–	–	–	–	–
653	Real estate agents and managers	373.8	384.5	363.1	367.6	–	–	–	–	–	–
655	Subdividers and developers	136.1	138.0	117.5	125.5	–	–	–	–	–	–
66	COMBINED REAL ESTATE, INSURANCE, ETC	19.3	19.6	19.4	19.3	–	–	–	–	–	–
67	HOLDING AND OTHER INVESTMENT OFFICES	119.5	120.4	126.8	128.2	–	–	–	–	–	–
–	SERVICES	18,594	18,711	18,967	19,024	19,124	16,556	16,659	16,847	16,900	16,980
70	HOTELS AND OTHER LODGING PLACES	1,129.8	1,177.8	1,094.1	1,127.1	–	–	–	–	–	–
701	Hotels, motels, and tourist courts	1,092.8	1,129.9	1,062.0	1,090.3	–	1,002.2	1,036.2	973.8	1,001.5	–
72	PERSONAL SERVICES	905.5	904.2	947.5	903.4	–	–	–	–	–	–
721	Laundry, cleaning, and garment services	353.2	354.9	348.8	351.5	–	315.6	317.2	311.0	313.6	–
723	Beauty shops	282.6	281.6	293.7	292.6	–	263.0	261.8	270.3	269.2	–
726	Funeral service and crematories	71.1	71.5	73.3	73.7	–	–	–	–	–	–
73	BUSINESS SERVICES	3,234.2	3,263.4	3,255.7	3,260.6	–	2,831.5	2,856.1	2,832.4	2,838.4	–
731	Advertising	155.1	156.9	158.3	159.0	–	118.7	120.5	121.6	122.1	–
732	Credit reporting and collection	75.6	76.1	74.7	74.9	–	–	–	–	–	–
733	Mailing, reproduction, stenographic	125.4	127.3	132.8	130.2	–	–	–	–	–	–
734	Services to buildings	518.2	519.3	527.4	533.4	–	469.1	471.6	479.1	485.4	–
736	Personnel supply services	603.7	604.4	550.8	549.0	–	–	–	–	–	–
737	Computer and data processing services	325.5	332.0	355.4	353.4	–	271.7	277.1	290.6	288.2	–
75	AUTO REPAIR, SERVICES, AND GARAGES	571.2	572.5	580.3	583.3	–	486.9	487.1	491.9	494.2	–
753	Automotive repair shops	351.5	352.9	360.5	361.3	–	297.5	298.0	301.6	302.1	–
76	MISCELLANEOUS REPAIR SERVICES	294.5	293.8	296.7	297.2	–	246.2	246.3	251.0	250.9	–
78	MOTION PICTURES	214.3	218.5	207.2	203.6	–	185.3	189.5	176.2	173.7	–
781	Motion picture production and services	78.6	76.0	76.7	69.7	–	64.5	62.2	60.8	54.3	–
783	Motion picture theaters	124.5	131.3	119.7	123.2	–	–	–	–	–	–
79	AMUSEMENT AND RECREATION SERVICES	805.6	856.1	823.0	876.1	–	731.4	781.7	739.5	795.3	–
80	HEALTH SERVICES	5,501.5	5,567.3	5,719.1	5,739.7	–	4,915.7	4,980.4	5,123.2	5,141.4	–
801	Offices of physicians	778.6	787.1	810.2	812.2	–	638.0	647.8	665.1	665.5	–
802	Offices of dentists	357.0	360.8	379.6	382.2	–	314.3	317.6	335.8	338.0	–
805	Nursing and personal care facilities	1,021.5	1,034.0	1,051.7	1,056.7	–	923.8	936.1	952.9	959.0	–
806	Hospitals	2,869.5	2,906.2	2,983.7	2,985.4	–	2,628.7	2,684.5	2,737.5	2,744.1	–
81	LEGAL SERVICES	521.8	543.0	551.5	555.7	–	445.6	465.6	465.8	469.8	–
82	EDUCATIONAL SERVICES	1,194.2	1,086.8	1,257.3	1,219.8	–	–	–	–	–	–
821	Elementary and secondary schools	319.1	307.5	321.9	324.0	–	–	–	–	–	–
822	Colleges and universities	755.8	662.2	811.6	774.7	–	–	–	–	–	–
83	SOCIAL SERVICES	1,163.9	1,152.9	1,176.1	1,187.1	–	–	–	–	–	–
86	MEMBERSHIP ORGANIZATIONS	1,541.6	1,533.5	1,537.8	1,547.7	–	–	–	–	–	–
89	MISCELLANEOUS SERVICES	1,033.0	1,049.7	1,066.5	1,054.8	–	863.5	879.7	875.5	862.6	–
891	Engineering and architectural services	567.4	580.9	569.2	571.1	–	481.5	497.7	467.1	468.5	–
893	Accounting, auditing, and bookkeeping	327.9	330.3	357.5	344.7	–	266.8	266.0	291.5	278.1	–
–	GOVERNMENT	16,388	16,168	16,154	16,148	16,055	–	–	–	–	–
–	FEDERAL GOVERNMENT	2,782	2,825	2,730	2,739	2,770	–	–	–	–	–
–	Executive, by agency[4]	2,727.7	2,769.1	2,675.6	2,684.0	–	–	–	–	–	–
–	Department of Defense	908.9	931.4	936.6	943.2	–	–	–	–	–	–
–	Postal Service	659.4	661.8	660.7	663.3	–	–	–	–	–	–
–	Other executive agencies	1,159.4	1,175.9	1,078.3	1,077.5	–	–	–	–	–	–
–	Legislative	39.3	40.4	39.3	39.5	–	–	–	–	–	–
–	Judicial	15.1	15.2	15.4	15.5	–	–	–	–	–	–

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry — Continued

[In thousands]

1972 SIC Code	Industry	All employees					Production workers[1]				
		May 1981	June 1981	Apr. 1982	May 1982p	June 1982p	May 1981	June 1981	Apr. 1982	May 1982p	June 1982p
	FEDERAL GOVERNMENT—Continued										
	Federal Government, by industry										
—	Manufacturing activities	129.1	132.4	136.8	137.3	–	–	–	–	–	–
3731	Shipbuilding and repairing	77.0	78.1	81.5	81.8	–	–	–	–	–	–
—	Transportation and public utilities, except Postal Service	41.9	42.1	43.1	43.2	–	–	–	–	–	–
—	Services	391.1	396.6	388.1	391.8	–	–	–	–	–	–
806	Federal government hospitals	229.4	230.7	231.6	232.7	–	–	–	–	–	–
—	STATE AND LOCAL GOVERNMENT	13,606	13,343	13,424	13,409	13,285	–	–	–	–	–
—	State government	3,675.3	3,521.4	3,679.2	3,641.8	–	–	–	–	–	–
806	State government hospitals	519.5	521.8	517.2	516.5	–	–	–	–	–	–
82	State education	1,464.0	1,278.6	1,488.3	1,447.2	–	–	–	–	–	–
—	General administration including executive, legislative, and judicial functions	1,045.2	1,059.0	1,048.7	1,052.2	–	–	–	–	–	–
—	Local government	9,931.0	9,821.9	9,744.6	9,766.8	–	–	–	–	–	–
—	Transportation and public utilities	574.2	575.5	578.2	580.6	–	–	–	–	–	–
806	Local government hospitals	622.0	628.7	640.9	641.6	–	–	–	–	–	–
82	Local education	5,519.7	5,297.5	5,465.5	5,454.0	–	–	–	–	–	–
—	General administration including executive, legislative, and judicial functions	2,851.4	2,940.2	2,754.5	2,779.6	–	–	–	–	–	–

[1] Data relate to production and related workers in mining and manufacturing, to construction workers in construction, and to nonsupervisory workers in transportation and public utilities, wholesale and retail trade, finance, insurance, and real estate, and services.

[2] Beginning January 1978, data relate to line haul railroads with operating revenues of $50,000,000 or more.

[3] Data for nonoffice sales agents excluded from nonsupervisory count for all series in this division.

[4] Prepared by the Office of Personnel Management. Data relate to civilian employment only and exclude Central Intelligence and National Security Agencies.

– Data not available.
p = preliminary.

NOTE: Data from April 1981 forward are subject to revision when more recent benchmark data are introduced. See "Benchmark adjustment" in the Explanatory Notes of this publication.

B-3. Women employees on nonagricultural payrolls by industry

(In thousands)

1972 SIC Code	Industry	Mar. 1981	Apr. 1981	Feb. 1982	Mar. 1982	Apr. 1982
	TOTAL	38,821	39,048	39,024	39,158	39,233
	PRIVATE SECTOR	30,771	31,009	31,193	31,268	31,356
	MINING	121	116	139	140	141
10	METAL MINING	9.6	9.4	7.7	7.5	7.2
11, 12	COAL MINING	11.4	4.5	11.8	11.7	11.7
13	OIL AND GAS EXTRACTION	90.4	92.3	110.1	111.1	112.3
131, 2	Crude petroleum, natural gas, and natural gas liquids	58.2	59.8	68.9	69.3	69.2
138	Oil and gas field services	32.2	32.5	41.2	41.8	43.1
14	NONMETALLIC MINERALS, EXCEPT FUELS	9.7	9.8	9.3	9.3	9.4
142	Crushed and broken stone	2.6	2.7	2.5	2.5	2.6
144	Sand and gravel	3.1	3.1	2.8	2.8	2.9
	CONSTRUCTION	370	375	373	375	379
15	GENERAL BUILDING CONTRACTORS	127.0	127.9	121.1	119.9	120.3
152	Residential building construction	70.4	71.6	67.7	67.3	68.0
153	Operative builders	15.1	15.2	14.2	13.8	13.8
154	Nonresidential building construction	41.5	41.1	39.2	38.8	38.5
16	HEAVY CONSTRUCTION CONTRACTORS	58.5	60.4	59.2	60.3	63.3
161	Highway and street construction	15.2	16.5	13.3	13.7	14.3
162	Heavy construction, except highway	43.3	43.9	45.9	46.6	49.0
17	SPECIAL TRADE CONTRACTORS	184.8	186.9	192.8	194.4	195.7
171	Plumbing, heating, air conditioning	49.8	50.7	52.2	52.1	52.3
172	Painting, paper hanging, decorating	11.6	11.7	11.4	11.5	12.0
173	Electrical work	36.4	36.5	37.2	37.3	37.4
174	Masonry, stonework, and plastering	20.3	20.5	20.3	20.2	20.7
175	Carpentering and flooring	14.6	14.5	14.0	14.1	14.0
176	Roofing and sheet metal work	12.5	12.3	12.0	12.5	12.4
	MANUFACTURING	6,267	6,304	6,110	6,084	6,039
24, 25, 32 39	DURABLE GOODS	3,008	3,034	2,928	2,916	2,894
20 23, 26 31	NONDURABLE GOODS	3,259	3,270	3,182	3,168	3,145
	DURABLE GOODS					
24	LUMBER AND WOOD PRODUCTS	100.9	102.8	89.5	89.4	90.0
241	Logging camps and logging contractors	5.0	5.1	4.9	4.9	5.2
242	Sawmills and planing mills	19.6	19.7	17.1	17.0	17.1
2421	Sawmills and planing mills, general	13.9	13.9	12.1	12.0	12.0
243	Millwork, plywood, and structural members	40.5	41.5	34.1	33.9	34.3
244	Wood containers	6.7	6.8	6.7	6.6	6.8
245	Wood buildings and mobile homes	8.3	8.7	7.1	7.2	7.2
249	Miscellaneous wood products	20.8	21.0	19.6	19.8	19.4
25	FURNITURE AND FIXTURES	139.4	141.7	136.2	135.2	133.8
251	Household furniture	98.7	100.7	98.4	93.5	92.7
2511	Wood household furniture	41.8	41.9	39.8	39.0	39.0
2512	Upholstered household furniture	31.4	32.3	29.5	29.5	29.1
2515	Mattresses and bedsprings	8.5	8.5	7.8	7.8	7.9
252	Office furniture	13.8	13.7	14.2	13.9	13.6
253	Public building and related furniture	4.9	4.9	5.4	5.4	5.4
254	Partitions and fixtures	10.4	10.7	10.4	10.3	10.2
259	Miscellaneous furniture and fixtures	11.6	11.7	11.8	12.1	11.9
32	STONE, CLAY, AND GLASS PRODUCTS	123.1	124.0	118.5	118.0	116.2
322	Glass and glassware, pressed or blown	39.9	40.1	38.0	37.8	36.9
3221	Glass containers	22.4	22.5	21.6	21.6	21.5
3229	Pressed and blown glass, nec	17.5	17.6	16.4	16.2	15.4
323	Products of purchased glass	12.6	12.6	12.2	12.0	11.9
324	Cement, hydraulic	1.8	1.8	1.7	1.7	1.7
325	Structural clay products	5.9	6.1	5.9	5.6	5.5
326	Pottery and related products	14.9	14.5	13.8	13.9	13.6
327	Concrete, gypsum, and plaster products	14.9	15.0	14.3	14.4	14.3
329	Misc. nonmetallic mineral products	30.4	30.9	29.8	29.7	29.1
33	PRIMARY METAL INDUSTRIES	125.4	126.9	111.1	109.7	107.7
331	Blast furnace and basic steel products	40.8	41.8	35.3	34.2	32.6
3312	Blast furnaces and steel mills	30.4	31.4	25.9	24.9	23.5
332	Iron and steel foundries	18.5	18.6	16.8	16.7	16.4

B-3. Women employees on nonagricultural payrolls by industry — Continued

In thousands

1972 SIC Code	Industry	Mar. 1981	Apr. 1981	Feb. 1982	Mar. 1982	Apr. 1982
	PRIMARY METAL INDUSTRIES —Continued					
3321	Gray iron foundries	8.6	8.7	7.4	7.4	7.1
3322	Malleable iron foundries	1.1	1.1	1.0	.9	1.0
3325	Steel foundries, nec	4.6	4.7	4.3	4.3	4.2
333	Primary nonferrous metals	5.0	5.0	4.6	4.6	4.5
3334	Primary aluminum	2.3	2.3	1.8	1.9	1.9
335	Nonferrous rolling and drawing	40.1	40.1	34.5	34.5	34.5
3351	Copper rolling and drawing	3.5	3.5	3.1	3.0	3.0
3353	Aluminum sheet, plate, and foil	4.0	4.1	3.1	3.2	3.1
3357	Nonferrous wire drawing and insulating	24.6	24.6	21.2	21.2	21.3
336	Nonferrous foundries	15.4	15.7	14.4	14.3	14.1
3361	Aluminum foundries	8.1	8.2	7.5	7.4	7.3
34	FABRICATED METAL PRODUCTS	335.3	339.1	313.5	312.2	309.4
341	Metal cans and shipping containers	12.6	12.7	11.6	11.7	11.7
3411	Metal cans	10.7	10.8	9.9	9.9	9.9
342	Cutlery, hand tools, and hardware	54.9	55.6	48.7	47.9	47.4
3423, 5	Hand and edge tools, and hand saws and blades	15.5	15.4	14.9	14.5	14.2
3429	Hardware, nec	32.2	33.0	27.5	27.2	27.2
343	Plumbing and heating, except electric	16.6	16.9	16.7	16.7	16.6
344	Fabricated structural metal products	71.9	72.5	68.1	67.6	67.6
3441	Fabricated structural metal	7.7	7.8	7.6	7.5	7.5
3442	Metal doors, sash, and trim	20.2	20.3	18.6	18.7	19.0
3443	Fabricated plate work (boiler shops)	18.8	18.9	18.5	18.3	17.8
3444	Sheet metal work	15.4	15.6	14.5	14.5	14.8
345	Screw machine products, bolts, etc	24.0	24.0	21.7	21.6	21.2
3451	Screw machine products	11.8	11.8	10.8	10.8	10.5
3452	Bolts, nuts, rivets, and washers	12.2	12.2	10.9	10.8	10.7
346	Metal forgings and stampings	53.0	54.1	46.5	46.4	46.4
3462	Iron and steel forgings	4.3	4.2	3.8	3.7	3.6
3465	Automotive stampings	13.7	14.5	10.9	11.2	12.0
3469	Metal stampings, nec	32.4	32.8	29.3	28.9	28.4
347	Metal services, nec	23.8	24.1	22.4	22.8	22.4
3471	Plating and polishing	17.0	17.3	16.3	16.7	16.5
3479	Metal coating and allied services	6.8	6.8	6.1	6.1	5.9
348	Ordnance and accessories, nec	19.5	19.7	19.8	20.0	19.9
349	Misc. fabricated metal products	59.0	59.5	58.0	57.5	56.2
3494	Valves and pipe fittings	22.7	23.1	22.7	22.4	21.9
3496	Misc. fabricated wire products	14.0	14.1	14.0	14.0	13.8
35	MACHINERY, EXCEPT ELECTRICAL	501.8	503.1	509.4	507.4	502.5
351	Engines and turbines	23.2	22.6	24.5	23.5	21.6
3511	Turbines and turbine generator sets	6.8	6.7	6.4	6.4	6.5
3519	Internal combustion engines, nec	16.4	15.9	18.1	17.1	15.1
352	Farm and garden machinery	27.0	26.4	25.4	23.1	20.8
3523	Farm machinery and equipment	20.1	19.8	18.1	15.8	16.9
353	Construction and related machinery	51.4	51.7	54.4	54.0	52.6
3531	Construction machinery	14.7	14.8	15.3	15.2	14.5
3533	Oil field machinery	16.3	16.6	19.7	19.8	19.5
354	Metalworking machinery	57.9	57.9	54.8	53.7	52.9
3541	Machine tools, metal cutting types	10.9	10.8	9.7	9.6	9.3
3544	Special dies, tools, jigs, and fixtures	15.4	15.7	15.0	14.9	14.9
3545	Machine tool accessories	13.4	13.6	13.3	12.9	12.5
355	Special industry machinery	30.2	30.0	28.4	28.5	27.9
3551	Food products machinery	6.0	5.9	5.5	5.5	5.4
3552	Textile machinery	5.3	5.2	4.8	4.9	4.6
3555	Printing trades machinery	6.6	6.7	6.9	6.9	6.9
356	General industrial machinery	64.1	64.3	61.1	60.5	59.3
3561	Pumps and pumping equipment	11.5	11.6	11.4	11.4	11.1
3562	Ball and roller bearings	14.5	14.5	12.9	12.8	12.7
357	Office and computing machines	162.1	163.0	178.1	180.4	180.4
3573	Electronic computing equipment	136.0	136.7	152.1	154.6	154.8
358	Refrigeration and service machinery	38.5	38.6	37.0	36.9	36.3
3585	Refrigeration and heating equipment	26.2	26.3	24.5	24.6	24.2
359	Misc. machinery, except electrical	47.4	48.6	45.7	46.8	46.7
3599	Machinery, except electrical, nec	37.4	38.0	38.4	37.8	37.5
36	ELECTRIC AND ELECTRONIC EQUIPMENT	888.2	893.7	874.2	868.9	866.3
361	Electric distributing equipment	46.5	46.4	44.4	43.9	43.5
3612	Transformers	19.7	19.2	18.2	18.4	18.1
3613	Switchgear and switchboard apparatus	26.8	27.2	26.2	25.5	25.4
362	Electrical industrial apparatus	91.8	92.7	85.9	84.1	82.0
3621	Motors and generators	51.4	51.9	46.5	45.1	44.0
3622	Industrial controls	28.8	28.9	28.2	27.9	27.3
363	Household appliances	59.8	60.2	53.1	50.9	52.2
3632	Household refrigerators and freezers	10.4	10.4	8.9	7.9	8.2
3633	Household laundry equipment	4.4	4.5	3.9	3.7	3.5
3634	Electric housewares and fans	28.2	28.2	24.8	25.0	25.3
364	Electric lighting and wiring equipment	92.6	93.4	88.2	87.2	86.5
3641	Electric lamps	20.8	20.6	20.7	20.6	20.4

B-3. Women employees on nonagricultural payrolls by industry — Continued

(In thousands)

1972 SIC Code	Industry	Mar. 1981	Apr. 1981	Feb. 1982	Mar. 1982	Apr. 1982
	ELECTRIC AND ELECTRONIC EQUIPMENT — Continued					
3643	Current-carrying wiring devices	39.6	40.3	38.6	38.0	37.8
365	Radio and TV receiving equipment	57.3	57.0	51.5	51.1	50.4
3651	Radio and TV receiving sets	42.4	42.1	38.8	38.0	37.8
366	Communication equipment	210.1	210.1	212.9	213.0	211.6
3661	Telephone and telegraph apparatus	76.5	76.4	72.0	71.3	70.4
3662	Radio and TV communication equipment	133.6	133.7	140.9	141.7	141.2
367	Electronic components and accessories	279.1	281.9	284.8	288.9	285.2
3671-3	Electronic tubes	16.6	16.6	15.9	15.6	15.7
3674	Semiconductors and related devices	102.9	104.0	103.5	103.5	103.7
3679	Electronic components, nec	113.4	110.4	118.8	119.2	119.4
369	Misc. electrical equipment and supplies	51.0	52.0	53.4	53.8	54.9
3694	Engine electrical equipment	21.6	22.3	22.9	23.9	24.8
37	**TRANSPORTATION EQUIPMENT**	300.3	306.1	290.3	289.9	286.2
371	Motor vehicles and equipment	108.4	112.4	98.0	99.3	97.8
3711	Motor vehicles and car bodies	39.7	41.7	33.3	34.7	32.3
3713	Truck and bus bodies	4.1	4.3	3.5	3.3	3.3
3714	Motor vehicle parts and accessories	61.3	63.2	57.8	58.0	58.8
372	Aircraft and parts	122.6	122.9	122.5	121.4	119.4
3721	Aircraft	65.6	66.2	67.9	67.3	66.1
3724	Aircraft engines and engine parts	29.7	29.2	27.3	26.9	26.1
3728	Aircraft equipment, nec	27.3	27.5	27.3	27.2	27.2
373	Ship and boat building and repairing	23.6	23.8	23.4	23.2	23.1
3731	Ship building and repairing	17.6	17.6	17.4	17.1	17.0
374	Railroad equipment	6.0	6.0	4.7	4.5	4.2
376	Guided missiles, space vehicles, parts	26.3	26.9	28.8	28.9	29.0
3761	Guided missiles and space vehicles	21.3	21.8	23.5	23.5	23.6
379	Miscellaneous transportation equipment	6.8	7.2	7.2	6.8	7.1
38	**INSTRUMENTS AND RELATED PRODUCTS**	306.1	307.8	304.7	303.3	303.1
381	Engineering and scientific instruments	24.5	24.4	24.3	24.3	24.2
382	Measuring and controlling devices	109.3	110.9	107.3	106.4	105.7
3822	Environmental controls	24.2	24.4	21.6	21.1	20.8
3823	Process control instruments	20.0	20.2	19.8	19.7	19.7
3825	Instruments to measure electricity	47.6	47.8	48.4	48.5	48.3
383	Optical instruments and lenses	11.3	11.3	11.4	11.4	11.6
384	Medical instruments and supplies	86.5	86.4	88.9	88.9	89.5
3841	Surgical and medical instruments	42.3	42.5	43.3	43.1	43.3
3842	Surgical appliances and supplies	36.0	35.8	37.6	37.4	37.4
385	Ophthalmic goods	24.5	24.7	22.2	22.1	22.1
386	Photographic equipment and supplies	38.0	39.4	39.6	39.9	40.2
387	Watches, clocks, and watchcases	12.0	11.7	11.0	10.8	10.8
39	**MISCELLANEOUS MANUFACTURING INDUSTRIES**	187.0	189.0	180.4	181.6	178.9
391	Jewelry, silverware, and plated ware	25.6	25.8	25.7	25.5	25.4
393	Musical instruments	9.9	10.0	9.4	9.4	9.1
394	Toys and sporting goods	58.6	60.2	55.2	56.3	55.7
3942, 4	Dolls, games, toys, and children's vehicles	30.7	31.6	27.1	28.2	28.7
3949	Sporting and athletic goods, nec	27.9	28.6	28.1	28.1	27.0
395	Pens, pencils, office and art supplies	19.7	19.9	19.5	19.6	19.2
396	Costume jewelry and notions	26.5	26.5	23.6	24.0	23.0
399	Miscellaneous manufactures	46.7	46.6	47.0	46.8	46.5
	NONDURABLE GOODS					
20	**FOOD AND KINDRED PRODUCTS**	473.4	473.3	468.3	469.8	459.7
201	Meat products	114.4	114.7	111.0	111.1	110.7
2011	Meat packing plants	27.6	27.9	27.4	26.9	26.6
2013	Sausages and other prepared meats	20.3	20.6	20.7	20.5	20.4
2016	Poultry dressing plants	59.2	59.0	56.3	57.2	57.2
202	Dairy products	36.3	36.7	35.2	35.2	35.5
2026	Fluid milk	16.5	16.7	15.8	15.8	15.9
203	Preserved fruits and vegetables	86.1	83.8	79.7	82.7	79.8
2032	Canned specialties	8.6	8.3	8.7	8.2	7.8
2033	Canned fruits and vegetables	25.4	23.5	20.9	21.7	20.8
2037	Frozen fruits and vegetables	19.7	20.2	18.3	20.6	18.8
204	Grain mill products	29.0	28.3	28.9	28.9	28.3
205	Bakery products	57.2	57.1	56.9	57.3	57.4
2051	Bread, cake, and related products	37.5	37.7	37.4	37.8	38.2
2052	Cookies and crackers	19.7	19.4	19.5	19.5	19.2
206	Sugar and confectionery products	38.5	38.5	43.4	41.0	37.3
207	Fats and oils	5.7	5.7	5.8	5.9	5.7
208	Beverages	40.6	41.4	42.4	42.5	43.1
2082	Malt beverages	7.2	7.4	8.1	8.1	8.2
2086	Bottled and canned soft drinks	18.1	18.6	19.1	19.4	19.6
209	Misc. foods and kindred products	65.6	67.1	65.0	65.3	61.9
21	**TOBACCO MANUFACTURES**	24.2	23.2	24.1	22.5	21.0
211	Cigarettes	15.1	14.9	14.3	14.1	13.9

B-3. Women employees on nonagricultural payrolls by industry – Continued

[In thousands]

1972 SIC Code	Industry	Mar. 1981	Apr. 1981	Feb. 1982	Mar. 1982	Apr. 1982
22	**TEXTILE MILL PRODUCTS**	390.1	392.2	367.0	360.5	366.7
221	Weaving mills, cotton	62.3	61.6	58.9	56.4	57.0
222	Weaving mills, synthetics	46.5	46.5	43.4	41.2	42.8
223	Weaving and finishing mills, wool	7.3	7.4	7.1	7.0	6.9
224	Narrow fabric mills	14.0	14.3	13.5	13.6	13.8
225	Knitting mills	137.6	139.7	128.9	128.9	130.8
2251	Women's hosiery, except socks	24.3	24.5	24.7	24.2	23.1
2252	Hosiery, nec	23.2	23.4	22.9	22.7	22.1
2253	Knit outerwear mills	47.7	49.4	44.3	45.2	48.1
2254	Knit underwear mills	22.9	22.8	20.3	20.0	20.2
2257	Circular knit fabric mills	11.6	11.6	9.6	9.7	10.0
226	Textile finishing, except wool	21.5	21.5	20.1	20.5	20.3
2261	Finishing plants, cotton	9.7	9.5	9.3	9.6	9.3
2262	Finishing plants, synthetic	5.9	6.1	5.6	5.6	5.6
227	Floor covering mills	21.9	22.0	20.4	20.4	20.9
228	Yarn and thread mills	59.7	59.8	56.1	54.2	56.3
2281	Yarn mills, except wool	38.2	38.3	36.2	35.4	36.7
2282	Throwing and winding mills	11.9	11.7	10.6	10.5	10.5
229	Miscellaneous textile goods	19.3	19.4	18.6	18.3	17.9
23	**APPAREL AND OTHER TEXTILE PRODUCTS**	1,004.4	1,008.2	967.6	958.5	942.8
231	Men's and boys' suits and coats	58.1	58.2	59.5	58.6	58.0
232	Men's and boys' furnishings	289.5	294.8	282.4	278.3	275.3
2321	Men's and boys' shirts and nightwear	83.2	84.5	81.3	80.2	80.8
2327	Men's and boys' separate trousers	59.6	60.3	59.5	58.2	57.0
2328	Men's and boys' work clothing	81.1	83.7	80.6	78.7	77.3
233	Women's and misses' outerwear	355.1	353.2	334.3	333.2	322.4
2331	Women's and misses' blouses and waists	56.5	56.2	52.9	52.7	52.2
2335	Women's and misses' dresses	125.2	123.4	116.1	117.9	115.2
2337	Women's and misses' suits and coats	48.8	46.9	45.5	42.6	38.4
2339	Women's and misses' outerwear, nec	124.6	126.7	119.8	120.0	116.6
234	Women's and children's undergarments	76.7	77.3	76.6	76.0	75.8
2341	Women's and children's underwear	61.9	62.6	62.4	61.9	62.0
2342	Brassieres and allied garments	14.8	14.7	14.2	14.1	13.8
236	Children's outerwear	54.8	54.2	53.6	52.7	51.7
2361	Children's dresses and blouses	24.0	23.3	24.2	23.2	22.4
238	Misc. apparel and accessories	43.6	43.8	41.1	40.5	40.6
239	Misc. fabricated textile products	110.7	110.8	104.6	103.7	103.7
2391	Curtains and draperies	20.2	20.4	20.0	18.8	18.4
2392	House furnishings, nec	29.9	29.8	29.3	29.2	29.8
2396	Automotive and apparel trimmings	16.0	15.9	12.6	13.0	13.0
26	**PAPER AND ALLIED PRODUCTS**	158.7	160.0	154.7	154.3	154.0
261, 2 6	Paper and pulp mills	27.2	27.4	26.9	26.6	26.8
262	Paper mills, except building paper	24.3	24.5	24.2	24.1	24.2
263	Paperboard mills	5.9	5.8	5.7	5.7	5.6
264	Misc. converted paper products	77.3	78.1	76.8	76.9	76.5
265	Paperboard containers and boxes	48.3	48.7	45.3	45.1	45.1
27	**PRINTING AND PUBLISHING**	502.5	504.1	517.2	519.5	518.3
271	Newspapers	157.7	157.8	165.2	164.9	164.6
272	Periodicals	56.5	55.8	59.6	59.6	59.3
273	Books	55.2	55.7	54.3	54.7	54.8
274	Miscellaneous publishing	26.8	27.2	27.4	27.5	27.5
275	Commercial printing	131.8	132.7	134.5	135.8	135.0
2751	Commercial printing, letterpress	51.8	52.3	51.9	52.3	51.9
2752	Commercial printing, lithographic	73.7	73.9	76.0	76.8	76.3
276	Manifold business forms	15.4	15.5	16.1	16.1	15.7
278	Blankbooks and bookbinding	33.5	33.8	33.7	34.2	34.0
279	Printing trade services	11.2	11.3	12.1	12.3	12.6
28	**CHEMICALS AND ALLIED PRODUCTS**	283.5	281.8	281.4	282.2	280.3
281	Industrial inorganic chemicals	24.0	23.9	24.0	24.1	24.1
2819	Industrial inorganic chemicals, nec	16.2	16.2	16.0	16.1	16.1
282	Plastics materials and synthetics	42.7	42.6	42.2	41.6	41.3
2821	Plastics materials and resins	11.2	11.2	11.4	11.3	11.1
2824	Organic fibers, noncellulosic	22.1	22.0	22.3	22.0	21.9
283	Drugs	84.6	84.7	85.5	86.0	85.7
2834	Pharmaceutical preparations	71.3	71.4	72.1	72.4	72.1
284	Soap, cleaners, and toilet goods	60.6	59.0	57.7	58.4	57.3
2841	Soap and other detergents	10.1	9.8	9.7	9.8	9.6
2844	Toilet preparations	37.7	36.6	35.6	36.3	35.7
285	Paints and allied products	12.2	12.2	11.7	11.5	11.5
286	Industrial organic chemicals	27.4	27.2	28.6	28.5	28.2
2861,9	Gum, wood, and industrial organic chemicals, nec	22.6	22.5	24.0	23.9	23.7
287	Agricultural chemicals	10.6	10.7	10.7	10.9	10.9
289	Miscellaneous chemical products	21.4	21.5	21.0	21.2	21.3

B-3. Women employees on nonagricultural payrolls by industry – Continued

[In thousands]

1972 SIC Code	Industry	Mar. 1981	Apr. 1981	Feb. 1982	Mar. 1982	Apr. 1982
29	**PETROLEUM AND COAL PRODUCTS**	29.8	30.2	31.6	31.6	31.6
291	Petroleum refining	24.8	25.1	26.7	26.6	26.7
30	**RUBBER AND MISC. PLASTICS PRODUCTS**	254.7	258.1	244.2	243.3	244.1
301	Tires and inner tubes	10.2	10.3	9.5	8.9	9.3
302	Rubber and plastics footwear	13.8	13.9	12.2	12.9	12.9
303.4	Reclaimed rubber, and rubber and plastics hose and belting	5.9	6.0	5.0	4.9	5.1
306	Fabricated rubber products, nec	35.5	36.0	33.7	33.3	33.5
307	Miscellaneous plastics products	189.3	191.9	183.8	183.3	183.3
31	**LEATHER AND LEATHER PRODUCTS**	137.7	138.5	126.2	125.9	126.9
311	Leather tanning and finishing	2.9	3.0	2.6	2.8	2.8
314	Footwear, except rubber	93.4	93.9	85.3	85.4	85.9
3143	Men's footwear, except athletic	35.6	35.9	32.8	32.8	32.2
3144	Women's footwear, except athletic	35.7	35.5	32.2	31.4	32.6
316	Luggage	8.0	8.1	7.5	7.4	7.3
317	Handbags and personal leather goods	20.3	20.4	18.1	17.9	18.1
	TRANSPORTATION AND PUBLIC UTILITIES	1,321	1,324	1,334	1,335	1,335
41	**LOCAL AND INTERURBAN PASSENGER TRANSIT**	72.6	71.5	80.5	81.5	78.1
411	Local and suburban transportation	15.0	15.0	16.5	16.5	16.7
412	Taxicabs	6.9	6.8	6.7	6.8	6.7
413	Intercity highway transportation	4.8	4.8	4.6	4.7	4.7
415	School buses	42.8	41.7	49.5	50.2	46.6
42	**TRUCKING AND WAREHOUSING**	150.9	150.8	153.6	152.7	151.7
421,3	Trucking and trucking terminals	135.4	135.6	136.5	135.5	135.1
422	Public warehousing	15.5	15.2	17.1	17.2	16.6
44	**WATER TRANSPORTATION**	22.2	22.7	24.3	24.8	25.0
45	**TRANSPORTATION BY AIR**	147.8	148.6	143.9	143.3	144.4
451,2	Air transportation	139.2	140.0	134.6	133.9	134.9
46	**PIPE LINES, EXCEPT NATURAL GAS**	3.0	3.0	3.4	3.4	3.3
47	**TRANSPORTATION SERVICES**	96.3	97.3	109.0	111.0	112.2
48	**COMMUNICATION**	680.2	682.6	628.0	626.5	627.8
481	Telephone communication	549.8	550.8	527.1	525.0	525.4
483	Radio and television broadcasting	65.4	66.3	71.0	71.3	71.5
49	**ELECTRIC, GAS, AND SANITARY SERVICES**	158.7	159.9	167.8	168.2	168.8
491	Electric services	74.8	75.4	79.2	79.6	79.8
492	Gas production and distribution	37.1	37.5	39.4	39.4	39.6
493	Combination utility services	35.8	36.1	37.1	37.1	37.3
495	Sanitary services	6.0	6.0	6.7	6.7	6.7
	WHOLESALE AND RETAIL TRADE	8,716	8,827	8,915	8,931	9,000
50,51	**WHOLESALE TRADE**	1,377	1,381	1,398	1,403	1,401
50	**WHOLESALE TRADE-DURABLE GOODS**	762	767	779	781	780
501	Motor vehicles and automotive equipment	87.0	87.3	89.0	89.7	90.7
502	Furniture and home furnishings	43.6	43.5	46.1	46.3	45.8
503	Lumber and construction materials	35.4	35.9	36.7	37.0	36.5
504	Sporting goods, toys, and hobby goods	23.7	23.9	23.8	24.0	24.1
505	Metals and minerals, except petroleum	29.3	29.4	29.1	28.9	28.2
506	Electrical goods	125.0	125.6	129.3	129.3	129.3
507	Hardware, plumbing, and heating equipment	64.8	65.6	65.3	65.2	64.7
508	Machinery, equipment, and supplies	305.7	307.3	313.2	314.4	314.8
509	Miscellaneous durable goods	47.7	48.4	46.2	46.4	46.2
51	**WHOLESALE TRADE-NONDURABLE GOODS**	615	614	619	622	621
511	Paper and paper products	47.9	48.6	49.8	49.9	50.2
512	Drugs, proprietaries, and sundries	65.0	65.3	66.3	66.7	67.1
513	Apparel, piece goods, and notions	82.3	81.8	82.1	82.5	83.8
514	Groceries and related products	152.6	153.5	148.5	147.7	149.1
516	Chemicals and allied products	35.5	35.9	37.6	37.6	37.7
517	Petroleum and petroleum products	54.0	54.2	55.0	55.4	55.3
518	Beer, wine, and distilled beverages	22.1	22.0	22.1	21.9	21.9
519	Miscellaneous nondurable goods	117.6	118.2	120.8	123.1	122.8

B-3. Women employees on nonagricultural payrolls by industry – Continued

[In thousands]

1972 SIC Code	Industry	Mar. 1981	Apr. 1981	Feb. 1982	Mar. 1982	Apr. 1982
52-59	RETAIL TRADE	7,339	7,446	7,517	7,528	7,599
52	BUILDING MATERIALS AND GARDEN SUPPLIES	159.4	165.4	152.3	154.5	157.9
521	Lumber and other building materials	62.9	64.2	60.9	61.3	61.9
525	Hardware stores	54.6	54.8	54.3	54.0	54.5
53	GENERAL MERCHANDISE STORES	1,408.2	1,404.8	1,465.8	1,449.3	1,456.1
531	Department stores	1,157.7	1,148.2	1,211.9	1,197.7	1,200.8
533	Variety stores	173.6	178.5	169.9	167.7	170.2
539	Misc. general merchandise stores	76.9	78.1	84.0	83.9	85.1
54	FOOD STORES	1,025.8	1,030.5	1,055.1	1,051.1	1,054.5
541	Grocery stores	860.1	861.1	886.7	883.7	888.7
542	Meat markets and freezer provisioners	16.6	17.4	15.9	15.9	16.8
546	Retail bakeries	80.0	80.3	80.6	81.6	80.9
55	AUTOMOTIVE DEALERS AND SERVICE STATIONS	296.0	300.3	307.8	308.3	310.2
551,2	New and used car dealers	109.8	111.3	106.8	107.1	107.8
553	Auto and home supply stores	46.7	47.5	48.9	48.8	49.7
554	Gasoline service stations	124.4	125.8	137.9	137.1	137.5
56	APPAREL AND ACCESSORY STORES	653.0	666.7	655.8	656.3	662.4
561	Men's and boys' clothing and furnishings	54.4	56.0	56.7	54.6	55.3
562	Women's ready-to-wear stores	307.1	311.5	301.3	304.2	304.6
565	Family clothing stores	130.1	131.8	133.0	132.8	132.7
566	Shoe stores	83.3	88.5	85.2	84.0	89.6
57	FURNITURE AND HOME FURNISHING STORES	202.9	202.7	205.9	204.4	203.4
571	Furniture and home furnishings stores	134.7	134.9	135.3	134.4	134.8
572	Household appliance stores	22.3	22.0	23.4	23.4	22.9
573	Radio, television, and music stores	45.9	45.8	47.2	46.6	45.7
58	EATING AND DRINKING PLACES	2,562.4	2,636.3	2,592.6	2,630.8	2,678.7
59	MISCELLANEOUS RETAIL	1,030.8	1,038.8	1,081.8	1,072.8	1,075.7
591	Drug stores and proprietary stores	306.9	308.4	315.8	314.8	314.2
592	Liquor stores	32.5	33.8	36.2	36.3	35.9
594	Miscellaneous shopping goods stores	360.1	358.2	380.4	377.5	379.9
596	Nonstore retailers	159.5	157.9	165.9	166.8	165.0
598	Fuel and ice dealers	24.1	23.4	24.9	24.8	24.4
599	Retail stores, nec	127.2	135.7	137.7	131.8	135.5
–	FINANCE, INSURANCE, AND REAL ESTATE	3,126	3,137	3,178	3,187	3,188
60	BANKING	1,146.1	1,148.8	1,168.9	1,165.7	1,166.5
602	Commercial and stock savings banks	1,054.4	1,056.7	1,075.1	1,072.0	1,072.6
61	CREDIT AGENCIES OTHER THAN BANKS	399.9	400.6	404.6	406.7	406.2
612	Savings and loan associations	196.1	196.6	201.8	203.0	203.4
614	Personal credit institutions	131.8	132.1	129.1	129.3	128.5
62	SECURITY, COMMODITY BROKERS, AND SERVICES	105.5	106.7	119.1	120.5	120.7
621	Security brokers and dealers	85.9	86.9	99.0	100.3	100.4
63	INSURANCE CARRIERS	751.5	751.3	743.8	747.6	746.6
631	Life insurance	299.9	300.4	297.7	301.5	301.0
632	Medical service and health insurance	103.3	103.4	101.9	102.1	101.8
633	Fire, marine, and casualty insurance	258.0	257.3	296.6	296.8	296.3
64	INSURANCE AGENTS, BROKERS, AND SERVICE	289.9	291.8	298.2	299.7	300.1
65	REAL ESTATE	359.0	363.2	365.3	368.4	368.2
651	Real estate operators and lessors	143.0	145.0	148.4	151.3	153.9
653	Real estate agents and managers	168.7	169.7	170.8	170.4	167.9
655	Subdividers and developers	33.3	34.2	33.2	34.0	33.9
66	COMBINED REAL ESTATE, INSURANCE, ETC	12.1	11.9	11.7	11.8	11.8
67	HOLDING AND OTHER INVESTMENT OFFICES	62.2	62.9	66.2	66.5	67.7
–	SERVICES	10,850	10,926	11,144	11,216	11,274
70	HOTELS AND OTHER LODGING PLACES	574.9	597.7	567.6	576.6	593.6
701	Hotels, motels, and tourist courts	557.8	579.1	551.0	559.9	576.6

B-3. Women employees on nonagricultural payrolls by industry – Continued

(In thousands)

1972 SIC Code	Industry	Mar. 1981	Apr. 1981	Feb. 1982	Mar. 1982	Apr. 1982
72	**PERSONAL SERVICES**	647.7	654.1	646.7	654.7	657.1
721	Laundry, cleaning, and garment services	221.3	224.0	219.7	219.4	220.1
723	Beauty shops	249.7	250.5	257.9	260.5	263.8
726	Funeral service and crematories	18.7	18.6	19.9	20.3	20.4
73	**BUSINESS SERVICES**	1,380.1	1,393.7	1,431.0	1,433.4	1,428.8
731	Advertising	73.8	73.6	76.4	77.2	77.5
732	Credit reporting and collection	53.0	53.4	52.7	52.7	53.1
733	Mailing, reproduction, stenographic	62.4	61.8	65.0	65.0	66.2
734	Services to buildings	189.1	190.6	203.9	203.9	202.5
736	Personnel supply services	355.5	363.1	358.0	358.8	349.8
737	Computer and data processing services	154.7	155.0	168.6	169.7	170.6
75	**AUTO REPAIR, SERVICES, AND GARAGES**	95.9	96.3	95.6	97.1	98.1
753	Automotive repair shops	42.9	43.5	45.5	46.6	48.3
76	**MISCELLANEOUS REPAIR SERVICES**	58.3	57.8	59.2	59.4	59.1
78	**MOTION PICTURES**	80.9	83.9	77.3	79.7	81.7
781	Motion picture production and services	27.8	25.6	25.9	27.1	25.8
783	Motion picture theaters	51.1	52.1	45.1	46.3	49.7
79	**AMUSEMENT AND RECREATION SERVICES**	271.7	289.4	286.8	302.2	325.7
80	**HEALTH SERVICES**	4,447.8	4,460.3	4,635.9	4,646.6	4,661.9
801	Offices of physicians	599.4	603.2	626.3	628.5	636.0
802	Offices of dentists	303.3	305.3	322.7	323.2	324.7
805	Nursing and personal care facilities	900.1	901.8	927.5	929.9	932.2
806	Hospitals	2,310.8	2,314.2	2,409.6	2,413.2	2,414.0
81	**LEGAL SERVICES**	367.1	370.3	386.2	389.6	395.0
82	**EDUCATIONAL SERVICES**	663.7	657.2	671.1	678.5	676.6
821	Elementary and secondary schools	210.5	211.1	199.3	204.3	204.7
822	Colleges and universities	385.3	378.2	402.1	404.6	401.6
83	**SOCIAL SERVICES**	862.6	865.0	869.1	876.0	879.4
89	**MISCELLANEOUS SERVICES**	349.6	348.6	368.3	370.0	367.6
891	Engineering and architectural services	122.9	122.7	126.7	126.8	127.1
893	Accounting, auditing, and bookkeeping	164.3	164.0	178.3	180.3	178.4
	GOVERNMENT	8,050	8,039	7,831	7,886	7,877
	FEDERAL GOVERNMENT	876	878	872	874	878
	STATE AND LOCAL GOVERNMENT	7,174	7,161	6,959	7,012	6,999
	State government	1,707.5	1,706.2	1,681.9	1,682.9	1,677.3
	Hospitals	326.7	327.0	325.1	323.2	322.1
	State education	722.2	720.8	699.7	704.3	702.9
	General administration including executive, legislative, and judicial functions	439.4	439.6	442.1	441.4	440.2
	Local government	5,466.8	5,454.8	5,277.2	5,329.4	5,321.3
	Transportation and public utilities	91.1	52.0	96.3	96.2	96.5
	Hospitals	504.4	504.2	521.8	523.2	523.5
	Local education	3,666.2	3,656.4	3,529.8	3,570.6	3,557.8
	General administration including executive, legislative, and judicial functions	980.7	979.0	941.2	950.8	953.7

ESTABLISHMENT DATA
SEASONALLY ADJUSTED EMPLOYMENT

B-4. Employees on nonagricultural payrolls by industry division and major manufacturing group, seasonally adjusted

(In thousands)

Industry division and group	1981							1982					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May p	June p
TOTAL	91,286	91,396	91,322	91,363	91,224	90,996	90,642	90,460	90,459	90,304	90,083	90,151	90,010
GOODS PRODUCING	25,656	25,718	25,637	25,583	25,393	25,176	24,908	24,684	24,631	24,450	24,289	24,262	24,053
MINING	1,137	1,164	1,180	1,192	1,195	1,202	1,206	1,201	1,203	1,197	1,182	1,154	1,130
CONSTRUCTION	4,185	4,175	4,146	4,124	4,101	4,071	4,026	3,966	3,974	3,934	3,938	3,994	3,952
MANUFACTURING	20,334	20,379	20,311	20,267	20,097	19,903	19,676	19,517	19,454	19,319	19,169	19,114	18,971
DURABLE GOODS	12,246	12,266	12,228	12,184	12,059	11,901	11,724	11,622	11,575	11,490	11,375	11,337	11,254
Lumber and wood products	685	683	671	661	643	628	615	607	611	607	615	618	621
Furniture and fixtures	474	476	475	473	469	462	457	452	449	446	443	443	445
Stone, clay, and glass products	644	644	643	638	629	620	610	596	596	590	584	587	581
Primary metal industries	1,137	1,132	1,134	1,125	1,108	1,082	1,053	1,038	1,024	1,007	976	946	934
Fabricated metal products	1,611	1,617	1,610	1,604	1,577	1,553	1,529	1,515	1,505	1,496	1,481	1,473	1,462
Machinery, except electrical	2,516	2,527	2,532	2,539	2,532	2,511	2,486	2,459	2,446	2,419	2,389	2,378	2,339
Electric and electronic equipment	2,104	2,112	2,116	2,113	2,101	2,077	2,049	2,055	2,048	2,038	2,034	2,033	2,029
Transportation equipment	1,938	1,925	1,901	1,884	1,861	1,830	1,791	1,777	1,778	1,774	1,748	1,756	1,747
Instruments and related products	726	731	734	734	731	727	725	720	718	716	713	714	708
Miscellaneous manufacturing ind	411	419	412	413	412	411	409	403	400	397	392	389	386
NONDURABLE GOODS	8,088	8,113	8,083	8,083	8,038	8,002	7,952	7,895	7,879	7,829	7,794	7,777	7,717
Food and kindred products	1,673	1,678	1,659	1,658	1,662	1,664	1,661	1,657	1,663	1,658	1,643	1,649	1,634
Tobacco manufactures	71	70	70	69	69	69	68	69	68	68	67	67	67
Textile mill products	830	835	829	827	814	804	794	780	777	760	773	758	736
Apparel and other textile products	1,251	1,255	1,253	1,253	1,243	1,235	1,222	1,201	1,201	1,186	1,165	1,164	1,159
Paper and allied products	690	691	691	695	685	681	677	674	670	668	664	661	659
Printing and publishing	1,263	1,268	1,271	1,274	1,276	1,276	1,276	1,275	1,276	1,278	1,274	1,274	1,267
Chemicals and allied products	1,111	1,110	1,107	1,110	1,107	1,103	1,100	1,095	1,093	1,088	1,082	1,078	1,074
Petroleum and coal products	217	217	216	216	215	215	214	210	208	207	206	206	206
Rubber and misc. plastic products	747	750	752	746	738	725	716	712	708	703	706	708	708
Leather and leather products	235	239	235	235	233	230	229	222	215	213	214	212	211
SERVICE PRODUCING	65,630	65,678	65,685	65,780	65,831	65,820	65,734	65,776	65,828	65,854	65,794	65,889	65,957
TRANSPORTATION AND PUBLIC UTILITIES	5,162	5,168	5,168	5,181	5,162	5,150	5,128	5,125	5,115	5,100	5,094	5,101	5,076
WHOLESALE AND RETAIL TRADE	20,590	20,620	20,650	20,660	20,654	20,623	20,529	20,630	20,670	20,655	20,584	20,658	20,643
WHOLESALE TRADE	5,366	5,375	5,387	5,383	5,380	5,375	5,357	5,346	5,343	5,336	5,323	5,326	5,302
RETAIL TRADE	15,224	15,245	15,263	15,277	15,274	15,248	15,167	15,284	15,327	15,319	15,261	15,332	15,341
FINANCE, INSURANCE, AND REAL ESTATE	5,302	5,311	5,319	5,328	5,325	5,328	5,331	5,326	5,326	5,336	5,335	5,340	5,349
SERVICES	18,556	18,615	18,659	18,707	18,773	18,815	18,834	18,831	18,867	18,909	18,929	18,948	18,972
GOVERNMENT	16,020	15,964	15,894	15,908	15,917	15,908	15,917	15,864	15,850	15,859	15,852	15,842	15,917
FEDERAL	2,777	2,775	2,769	2,768	2,757	2,749	2,756	2,741	2,737	2,736	2,730	2,734	2,724
STATE AND LOCAL	13,243	13,189	13,125	13,140	13,160	13,159	13,161	13,123	13,113	13,123	13,122	13,108	13,193

p = preliminary

B-5. Women employees on nonagricultural payrolls by industry division and major manufacturing group, seasonally adjusted

[In thousands]

Industry division and group	1981									1982			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
TOTAL	38,908	38,971	39,039	39,181	39,199	39,187	39,198	39,139	39,098	39,089	39,147	39,150	39,093
GOODS-PRODUCING	6,842	6,871	6,890	6,938	6,927	6,909	6,871	6,814	6,759	6,712	6,692	6,650	6,601
MINING	118	121	128	131	133	135	137	138	141	140	141	142	143
CONSTRUCTION	380	380	381	383	383	382	381	381	381	384	382	382	384
MANUFACTURING	6,344	6,370	6,381	6,424	6,411	6,392	6,353	6,295	6,237	6,188	6,169	6,126	6,074
DURABLE GOODS	3,037	3,055	3,066	3,087	3,087	3,074	3,050	3,008	2,972	2,957	2,942	2,922	2,894
Lumber and wood products	104	105	104	104	103	100	98	95	94	93	92	91	91
Furnitures and fixtures	141	142	143	145	144	142	142	139	137	136	135	135	133
Stone, clay, and glass products	125	126	127	127	128	126	126	123	122	120	120	119	117
Primary metal industries	126	127	127	126	126	125	122	119	116	113	112	110	107
Fabricated metal products	339	341	342	344	342	340	333	326	320	317	315	313	309
Machinery, except electrical	501	506	512	514	519	520	520	517	511	507	505	503	500
Electric and electronic equipment	895	898	899	904	905	905	898	884	874	880	876	870	867
Transportation equipment	307	309	312	314	314	312	308	304	298	296	295	293	287
Instruments and related products	308	309	308	311	313	312	311	310	309	307	306	304	303
Miscellaneous manufacturing ind	191	192	192	198	193	192	192	191	191	188	186	184	180
NONDURABLE GOODS	3,307	3,315	3,315	3,337	3,324	3,318	3,303	3,287	3,265	3,231	3,227	3,204	3,180
Food and kindred products	506	506	500	503	497	492	499	501	500	496	499	499	491
Tobacco manufactures	26	26	26	26	26	25	25	25	25	25	24	24	24
Textile mill products	393	393	394	398	394	394	388	383	378	370	368	362	367
Apparel and other textile products	1,004	1,007	1,010	1,014	1,012	1,012	1,004	998	988	971	971	958	939
Paper and allied products	161	161	160	162	162	163	160	158	158	157	157	156	155
Printing and publishing	504	505	505	508	510	512	513	513	515	516	518	518	518
Chemicals and allied products	284	284	285	285	284	285	285	285	285	284	284	283	282
Petroleum and coal products	31	31	31	31	31	32	32	32	32	32	33	33	32
Rubber and misc. plastics products	259	262	264	267	267	263	258	254	250	247	245	244	245
Leather and leather products	139	140	140	143	141	140	139	138	134	133	128	127	127
SERVICE PRODUCING	32,066	32,100	32,149	32,243	32,272	32,278	32,327	32,325	32,339	32,377	32,455	32,500	32,492
TRANSPORTATION AND PUBLIC UTILITIES	1,330	1,333	1,339	1,342	1,348	1,355	1,355	1,351	1,358	1,338	1,339	1,339	1,342
WHOLESALE AND RETAIL TRADE	8,941	8,951	8,984	9,021	9,043	9,057	9,066	9,049	9,022	9,084	9,129	9,130	9,118
WHOLESALE TRADE	1,390	1,392	1,393	1,396	1,403	1,406	1,407	1,412	1,408	1,405	1,408	1,403	1,411
RETAIL TRADE	7,551	7,559	7,591	7,625	7,640	7,651	7,659	7,637	7,614	7,679	7,721	7,721	7,707
FINANCE, INSURANCE, AND REAL ESTATE	3,143	3,154	3,159	3,169	3,172	3,182	3,183	3,186	3,189	3,185	3,185	3,190	3,194
SERVICES	10,886	10,903	10,927	10,972	10,989	11,028	11,086	11,113	11,135	11,151	11,192	11,216	11,229
GOVERNMENT	7,766	7,759	7,740	7,739	7,720	7,656	7,637	7,626	7,635	7,619	7,610	7,625	7,609
FEDERAL	873	876	875	878	879	880	876	874	881	877	875	876	873
STATE AND LOCAL	6,893	6,883	6,865	6,861	6,841	6,776	6,761	6,752	6,754	6,742	6,735	6,749	6,736

ESTABLISHMENT DATA
SEASONALLY ADJUSTED EMPLOYMENT

B-6. Production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division and major manufacturing group, seasonally adjusted

(In thousands)

Industry division and group	1981							1982					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May .p	June p
TOTAL PRIVATE	61,046	61,193	61,168	61,180	61,017	60,775	60,401	60,248	60,282	60,132	59,923	60,030	59,888
GOODS-PRODUCING	18,267	18,313	18,224	18,169	17,972	17,754	17,478	17,251	17,225	17,073	16,922	16,932	16,789
MINING	837	856	869	876	877	882	883	875	876	871	863	860	852
CONSTRUCTION	3,253	3,245	3,219	3,201	3,180	3,155	3,107	3,035	3,059	3,023	3,017	3,078	3,043
MANUFACTURING	14,177	14,212	14,136	14,087	13,915	13,717	13,488	13,341	13,290	13,179	13,042	13,014	12,934
DURABLE GOODS	8,427	8,439	8,389	8,345	8,218	8,061	7,885	7,793	7,759	7,685	7,576	7,557	7,518
Lumber and wood products	572	570	558	549	531	516	503	497	502	497	507	508	515
Furniture and fixtures	383	385	383	381	376	369	364	359	356	353	350	350	352
Stone, clay, and glass products	497	496	496	492	484	475	465	452	452	446	441	444	440
Primary metal industries	876	872	871	865	843	821	795	780	770	756	727	733	696
Fabricated metal products	1,190	1,196	1,188	1,182	1,156	1,133	1,110	1,096	1,089	1,081	1,069	1,064	1,056
Machinery, except electrical	1,596	1,601	1,607	1,606	1,598	1,576	1,552	1,526	1,514	1,490	1,460	1,454	1,425
Electric and electronic equipment	1,325	1,331	1,331	1,327	1,314	1,285	1,257	1,266	1,258	1,248	1,241	1,239	1,241
Transportation equipment	1,255	1,248	1,219	1,206	1,184	1,159	1,115	1,102	1,108	1,109	1,086	1,100	1,100
Instruments and related products	429	432	431	431	428	424	423	420	418	415	411	412	412
Miscellaneous manufacturing ind	304	312	305	306	304	303	301	295	292	290	284	283	281
NONDURABLE GOODS	5,750	5,773	5,747	5,742	5,697	5,656	5,603	5,548	5,531	5,494	5,466	5,457	5,416
Food and kindred products	1,148	1,154	1,139	1,137	1,142	1,144	1,140	1,135	1,142	1,138	1,125	1,130	1,118
Tobacco manufactures	55	55	55	54	54	54	53	54	53	53	52	52	52
Textile mill products	719	724	718	717	704	693	683	670	667	651	662	650	631
Apparel and other textile products	1,066	1,069	1,066	1,066	1,056	1,049	1,036	1,018	1,018	1,006	987	985	982
Paper and allied products	520	521	520	525	515	511	506	504	501	499	496	494	490
Printing and publishing	697	698	699	701	702	700	700	699	699	701	698	699	696
Chemicals and allied products	631	630	630	629	625	621	616	612	609	609	602	601	601
Petroleum and coal products	136	136	134	134	133	132	131	125	124	124	123	124	126
Rubber and misc. plastics products	580	584	586	580	568	557	548	548	538	536	541	544	543
Leather and leather products	198	202	200	199	198	155	190	187	180	179	180	178	177
SERVICE-PRODUCING	42,779	42,880	42,944	43,016	43,045	43,021	42,923	42,997	43,057	43,059	43,001	43,098	43,099
TRANSPORTATION AND PUBLIC UTILITIES	4,282	4,285	4,285	4,295	4,275	4,261	4,241	4,241	4,232	4,217	4,209	4,215	4,192
WHOLESALE AND RETAIL TRADE	17,981	18,026	18,049	18,059	18,053	18,016	17,920	18,011	18,061	18,051	17,996	18,069	18,066
WHOLESALE TRADE	4,366	4,376	4,381	4,376	4,373	4,367	4,348	4,332	4,327	4,317	4,301	4,306	4,285
RETAIL TRADE	13,615	13,650	13,668	13,683	13,680	13,649	13,572	13,679	13,734	13,734	13,695	13,763	13,781
FINANCE, INSURANCE, AND REAL ESTATE	4,005	4,010	4,018	4,023	4,019	4,013	4,010	4,007	4,003	4,004	3,999	3,998	4,012
SERVICES	16,511	16,559	16,592	16,639	16,698	16,731	16,748	16,738	16,761	16,787	16,797	16,816	16,929

[1] For coverage of series, see footnote 1, table B-2

p = preliminary

B-7. Indexes of diffusion: Percent of industries in which employment[1] increased

Year and month	Over 1-month span	Over 3-month span	Over 6-month span	Over 12-month span
1979				
January	64.2	68.5	72.3	73.7
February	61.6	68.3	71.0	70.4
March	65.6	65.1	68.8	69.1
April	51.6	65.9	63.7	65.6
May	61.8	62.1	59.4	59.7
June	62.4	63.4	53.5	57.3
July	54.3	53.2	58.1	57.5
August	53.5	48.4	49.2	55.9
September	48.9	53.8	49.7	52.2
October	61.8	51.6	51.6	46.0
November	50.3	54.0	51.6	39.8
December	51.1	51.1	47.6	35.5
1980				
January	53.8	50.0	39.8	30.9
February	48.9	47.0	34.1	32.3
March	49.2	35.2	29.3	32.8
April	29.0	28.8	23.1	33.9
May	32.8	23.1	26.6	31.7
June	29.6	28.2	28.8	32.3
July	35.2	34.1	35.8	31.7
August	64.0	51.6	44.1	33.9
September	61.0	69.1	59.1	33.9
October	62.6	67.2	71.2	39.5
November	59.4	64.2	64.0	50.8
December	54.6	58.9	61.0	62.6
1981				
January	56.7	53.5	64.8	73.9
February	48.7	52.2	65.9	71.0
March	51.1	60.2	67.2	70.4
April	68.3	70.2	67.7	62.1
May	65.3	70.4	67.2	50.0
June	54.0	65.9	67.5	43.3
July	59.9	59.4	51.3	35.2
August	50.3	57.0	39.0	33.6
September	50.3	40.1	33.9	31.5
October	34.7	30.6	30.1	27.2
November	28.2	26.3	27.7	27.2p
December	31.2	23.4	24.2	23.1p
1982				
January	32.5	28.0	21.8	
February	42.5	31.2	26.1p	
March	35.8	33.6	28.2p	
April	40.9	36.6p		
May	50.8p	35.2p		
June	33.6p			
July				
August				
September				
October				
November				
December				

1 Number of employees, seasonally adjusted, on payrolls of 188 private nonagricultural industries.
p = preliminary.

NOTE: Figures are the percent of industries with employment rising. (Half of the unchanged components are counted as rising.)

ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division

(In thousands)

	State and areas	Total			Mining			Construction			Manufacturing		
		MAY 1981	APR. 1982	MAY 1982P	MAY 1981	APR. 1982	MAY 1982P	MAY 1981	APR. 1982	MAY 1982P	MAY 1981	APR. 1982	MAY 1982P
1	**ALABAMA**	1,347.8	1,338.2	1,337.1	8.0	16.6	16.4	67.0	64.2	64.0	365.5	347.2	345.6
2	Birmingham	339.4	341.8	341.1	3.3	8.7	8.7	19.5	18.4	18.7	60.9	56.4	55.2
3	Huntsville	122.0	124.6	125.2	(1)	(1)	(1)	4.0	3.8	3.9	36.0	37.2	37.5
4	Mobile	154.3	148.6	(*)	(1)	(1)	(*)	11.7	9.2	(*)	31.0	29.0	(*)
5	Montgomery	107.8	104.8	104.8	(1)	(1)	(1)	6.2	5.5	5.5	16.8	15.4	15.3
6	Tuscaloosa	49.3	50.3	50.3	.8	2.7	2.7	2.5	2.0	2.0	8.0	7.7	7.8
7	**ALASKA**	176.7	180.9	186.2	8.2	7.9	7.9	10.9	12.8	14.4	12.6	9.0	10.1
8	**ARIZONA**	1,044.8	1,049.4	1,035.4	25.0	21.8	18.8	72.6	62.2	62.2	159.9	154.5	153.0
9	Phoenix	656.8	663.6	659.1	.4	.4	.4	49.4	42.7	42.5	117.2	111.8	111.0
10	Tucson	190.6	192.8	191.0	7.7	6.0	5.3	13.2	11.0	11.1	23.4	25.4	25.4
11	**ARKANSAS**	750.0	726.6	728.3	5.8	6.3	6.1	35.7	29.5	30.5	212.3	198.2	197.3
12	Fayetteville—Springdale	66.4	65.6	65.6	(1)	(1)	(1)	2.7	2.5	2.6	20.5	18.9	18.8
13	Fort Smith	71.2	65.4	65.3	1.1	1.2	1.2	2.8	2.1	2.2	23.4	20.1	20.3
14	Little Rock—North Little Rock	179.7	177.1	178.0	(1)	(1)	(1)	8.9	8.7	9.2	29.4	27.4	26.9
15	Pine Bluff	31.6	31.1	30.7	(1)	(1)	(1)	2.2	1.7	1.8	6.3	5.9	5.5
16	**CALIFORNIA**	10,046.1	10,020.2	10,026.9	48.1	48.6	48.6	438.1	377.6	379.1	2,019.3	1,943.6	1,936.9
17	Anaheim—Santa Ana—Garden Grove	869.9	867.4	867.9	2.7	3.1	3.0	50.8	44.0	43.7	224.2	219.5	219.1
18	Bakersfield	136.1	135.5	135.5	14.0	14.2	14.2	7.0	6.2	6.1	10.1	9.7	9.9
19	Fresno	185.1	182.7	183.1	1.0	1.0	1.1	10.1	9.4	9.4	22.8	22.1	21.9
20	Los Angeles—Long Beach	3,667.9	3,604.9	3,610.0	14.0	14.3	14.3	124.2	104.2	104.3	921.4	875.3	869.7
21	Modesto	87.2	88.1	87.6	.1	.1	.1	5.3	4.9	4.8	17.8	18.6	18.3
22	Oxnard—Simi Valley—Ventura	159.0	162.0	162.6	2.9	3.0	3.0	7.3	6.6	6.6	25.1	25.9	25.9
23	Riverside—San Bernardino—Ontario	439.9	441.4	441.3	2.2	1.9	1.8	24.0	21.4	21.4	61.6	61.8	61.5
24	Sacramento	408.5	405.1	407.2	.6	.7	.7	18.6	15.6	16.7	27.6	26.2	26.6
25	Salinas—Seaside—Monterey	90.2	90.0	91.1	.4	.4	.4	3.3	3.4	3.4	9.3	8.8	9.5
26	San Diego	665.1	661.7	662.4	.6	.6	.6	35.6	31.1	30.8	108.7	106.5	106.8
27	San Francisco—Oakland	1,583.3	1,577.5	1,580.0	3.9	4.4	4.4	76.2	71.6	72.5	201.0	192.7	192.4
28	San Jose	691.4	697.2	700.5	.1	.1	.1	25.1	21.2	22.2	243.7	248.7	249.9
29	Santa Barbara—Santa Maria—Lompoc	124.5	124.6	125.0	1.6	1.5	1.5	5.0	4.5	4.6	18.2	18.0	18.3
30	Santa Rosa	96.6	95.3	96.5	.5	.4	.4	5.9	4.4	4.8	15.0	15.5	15.8
31	Stockton	122.7	118.4	120.4	.1	.1	.1	5.8	5.3	5.7	21.6	19.9	20.2
32	Vallejo—Fairfield—Napa	102.8	102.7	103.0	.5	.5	.5	5.3	4.7	4.7	10.8	10.9	10.9
33	**COLORADO**	1,265.5	1,287.0	1,285.2	41.4	42.3	41.4	61.7	74.0	72.9	183.1	180.3	179.7
34	Denver—Boulder	810.6	826.4	828.3	24.9	27.6	27.4	35.5	44.2	44.4	127.6	126.6	126.1
35	**CONNECTICUT**	1,450.3	1,417.7	1,425.2	(2)	(2)	(2)	51.6	47.6	51.2	441.0	417.7	414.6
36	Bridgeport	170.3	168.0	168.1	(2)	(2)	(2)	4.5	4.2	4.4	64.8	63.4	63.0
37	Hartford	400.9	396.2	397.4	(2)	(2)	(2)	12.6	11.3	12.3	99.0	91.2	90.7
38	New Britain	63.7	61.7	62.0	(2)	(2)	(2)	2.3	2.2	2.4	29.4	27.1	27.0
39	New Haven—West Haven	190.5	187.0	189.3	(2)	(2)	(2)	6.3	5.9	6.4	42.7	39.8	40.1
40	Stamford	112.3	112.6	113.1	(2)	(2)	(2)	5.5	5.8	5.9	32.3	31.5	31.2
41	Waterbury	88.0	87.2	87.7	(2)	(2)	(2)	2.9	2.8	3.0	31.9	30.8	30.7
42	**DELAWARE**	260.0	256.1	258.3	(1)	(1)	(1)	12.8	14.0	14.6	71.7	69.3	68.7
43	Wilmington	230.2	225.9	226.9	(1)	(1)	(1)	13.4	14.2	14.8	65.6	63.0	62.7
44	**DISTRICT OF COLUMBIA**	610.2	602.1	601.4	(1)	(1)	(1)	11.7	11.6	11.7	15.0	14.3	14.7
45	Washington SMSA	1,607.9	1,583.4	1,590.2	(1)	(1)	(1)	78.4	66.3	68.3	58.5	59.6	60.1
46	**FLORIDA**	3,725.2	3,815.2	3,789.1	11.3	10.2	10.1	281.5	256.4	256.8	466.6	459.6	456.3
47	Daytona Beach	81.7	81.0	80.2	–	–	–	5.3	4.4	4.3	8.7	8.3	8.4
48	Fort Lauderdale—Hollywood	364.8	355.4	352.3	(1)	(1)	(1)	31.8	25.2	25.3	41.8	40.5	39.9
49	Fort Myers—Cape Coral	71.5	72.4	72.3	(1)	(1)	(1)	8.9	8.1	8.0	3.8	4.2	4.4
50	Gainesville	68.4	69.9	68.4	(1)	(1)	(1)	3.2	3.0	2.9	4.4	4.4	4.4
51	Jacksonville	300.5	301.3	302.1	(1)	(1)	(1)	18.0	17.7	17.7	33.6	33.2	33.5
52	Lakeland—Winter Haven	125.0	118.5	115.4	6.2	4.8	3.8	10.2	9.0	8.8	23.2	20.3	19.3
53	Melbourne—Titusville—Cocoa	106.4	105.5	105.2	(1)	(1)	(1)	6.6	5.8	5.6	23.5	24.0	24.2
54	Miami	750.7	729.8	727.3	(1)	(1)	(1)	41.2	34.6	34.6	100.1	97.6	97.5
55	Orlando	301.6	301.7	300.8	(1)	(1)	(1)	21.9	18.9	19.2	38.0	37.6	37.6
56	Pensacola	100.9	100.3	100.2	(1)	(1)	(1)	7.5	6.4	6.4	12.7	12.1	12.2
57	Sarasota	73.8	74.7	73.5	(1)	(1)	(1)	8.0	7.0	6.7	6.3	6.1	6.0
58	Tallahassee	77.6	74.6	74.2	(1)	(1)	(1)	3.9	3.5	3.6	2.9	2.9	2.9
59	Tampa—St. Petersburg	574.5	574.0	564.8	(1)	(1)	(1)	43.1	38.0	38.0	79.6	77.5	76.9
60	West Palm Beach—Boca Raton	218.3	224.7	219.1	(1)	(1)	(1)	20.9	17.9	18.1	28.2	28.3	28.2

See footnotes at end of table

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
MAY 1981	APR. 1982	MAY 1982P	MAY 1981	APR. 1982	MAY 1982P	MAY 1981	APR. 1982	MAY 1982P	MAY 1981	APR. 1982	MAY 1982P	MAY 1981	APR. 1982	MAY 1982P	
71.7	70.7	71.0	271.2	272.8	272.9	59.4	59.0	59.0	210.0	212.8	212.8	295.0	294.9	295.4	1
29.3	29.8	29.8	81.2	80.9	81.2	23.0	22.9	22.9	68.7	70.3	70.3	53.5	54.4	54.3	2
2.7	2.6	2.6	21.7	22.4	22.5	3.6	3.5	3.5	18.8	19.6	19.8	35.2	35.5	35.4	3
10.8	10.3	(*)	37.0	35.7	(*)	7.2	7.3	(*)	29.6	30.4	(*)	27.0	26.7	(*)	4
4.5	4.4	4.4	23.6	23.0	23.1	6.3	6.3	6.3	20.9	20.8	20.8	29.5	29.4	29.4	5
1.7	1.7	1.7	9.8	9.7	9.6	1.7	1.6	1.6	6.3	6.5	6.5	18.5	18.4	18.4	6
18.1	17.5	18.2	30.5	31.9	33.3	8.5	8.9	9.1	30.9	32.4	32.9	57.0	60.5	60.3	7
53.8	55.2	55.1	252.2	261.6	259.7	60.6	62.0	61.8	216.2	224.1	222.5	204.5	208.0	206.3	8
32.8	34.1	34.1	168.4	174.6	173.4	46.9	48.0	47.8	140.4	148.1	146.7	101.3	103.9	103.2	9
9.1	9.0	8.9	41.9	43.8	43.3	8.7	8.8	8.8	40.9	43.0	42.3	45.7	45.8	45.9	10
43.4	42.7	43.1	160.8	160.5	161.4	31.9	32.6	32.8	117.4	116.3	117.5	142.7	140.5	139.9	11
4.0	4.0	4.1	15.9	16.6	16.6	2.3	2.3	2.3	9.3	9.6	9.7	11.7	11.7	11.5	12
3.7	3.3	3.3	14.5	14.0	14.0	2.6	2.6	2.6	12.6	12.0	12.0	10.5	10.1	10.0	13
13.8	13.1	13.2	42.0	41.1	41.4	12.7	12.8	12.8	35.4	36.3	36.8	37.5	37.7	37.7	14
3.9	3.8	3.7	6.3	6.2	6.3	1.3	1.3	1.4	5.1	5.3	5.4	6.5	6.9	6.6	15
554.2	549.2	549.6	2,294.9	2,325.9	2,335.4	643.3	657.7	656.9	2,242.0	2,330.6	2,334.1	1,806.2	1,787.0	1,786.3	16
29.2	29.6	29.5	208.6	215.0	215.8	61.5	62.4	62.2	183.1	186.5	187.4	109.8	107.3	107.2	17
7.8	7.7	7.7	34.7	34.2	34.2	5.2	5.3	5.3	24.8	25.2	25.3	32.5	33.0	32.9	18
10.9	10.6	10.7	47.7	47.6	48.0	11.6	11.7	11.8	37.9	38.1	37.8	43.1	42.2	42.4	19
201.1	195.5	196.7	814.0	819.8	829.8	239.7	241.8	242.4	858.4	883.0	882.0	495.1	471.0	470.8	20
3.8	3.7	3.7	21.1	21.3	21.4	3.6	3.6	3.6	17.6	18.1	18.3	17.9	17.8	17.4	21
6.8	7.1	7.3	38.0	39.7	40.0	8.3	8.5	8.5	32.0	32.7	32.8	38.6	38.5	38.5	22
25.9	25.9	25.9	108.2	109.6	109.9	19.8	20.0	20.0	94.5	97.3	96.9	103.7	103.5	103.9	23
22.4	22.4	22.3	93.9	94.0	94.0	22.3	22.5	22.5	78.5	78.8	78.5	144.6	144.9	145.9	24
5.3	5.0	5.0	23.1	23.3	23.7	4.4	4.3	4.3	20.1	20.1	20.3	24.3	24.7	24.5	25
29.0	29.4	29.5	150.6	151.1	151.5	40.8	41.3	41.2	154.4	158.9	159.5	144.8	142.8	142.5	26
130.7	128.0	127.8	358.9	360.8	362.1	149.9	152.6	152.5	369.3	378.9	379.9	293.4	288.5	288.4	27
22.4	22.2	22.3	128.2	132.4	132.7	28.7	28.5	28.4	160.0	162.5	163.3	83.2	81.6	81.6	28
5.4	5.3	5.3	29.2	29.5	29.6	5.9	6.0	6.0	33.8	34.9	35.0	25.4	24.9	24.7	29
5.0	4.9	4.9	23.2	23.5	23.7	6.0	6.0	6.0	20.4	20.3	20.4	20.6	20.3	20.5	30
8.4	7.8	7.9	28.6	27.0	27.7	5.3	5.4	5.4	24.9	25.3	25.5	28.0	27.6	27.9	31
4.9	4.5	4.6	22.4	22.8	22.9	3.5	3.4	3.4	20.3	20.4	20.6	35.1	35.5	35.4	32
80.8	80.3	80.3	308.4	312.3	313.4	79.0	81.1	81.4	261.6	272.4	271.4	249.4	244.3	244.8	33
56.5	55.8	55.8	193.0	195.0	195.9	56.1	58.1	58.4	176.9	181.9	183.0	140.2	137.2	137.2	34
61.5	60.1	60.8	304.2	303.2	305.7	109.4	114.3	114.4	291.8	293.0	297.6	190.8	181.8	180.9	35
6.1	6.0	6.1	34.7	34.9	34.9	7.7	7.7	7.7	35.4	34.7	34.9	17.1	17.1	17.1	36
14.3	14.5	14.6	83.9	84.7	85.1	61.2	63.0	63.0	76.1	77.5	77.7	53.8	54.0	54.0	37
3.2	3.3	3.3	10.5	10.4	10.5	1.9	1.9	1.9	9.8	10.1	10.3	6.6	6.7	6.6	38
15.8	15.8	15.8	40.2	40.1	40.4	11.1	11.3	11.4	49.3	49.7	50.5	25.1	24.4	24.7	39
4.6	4.7	4.6	25.5	26.0	26.3	8.3	8.5	8.6	25.9	25.8	26.2	10.2	10.3	10.3	40
3.1	3.1	3.1	15.7	15.8	15.9	3.8	3.9	3.9	19.1	19.4	19.6	11.5	11.4	11.5	41
12.3	11.9	12.0	56.6	54.9	56.0	12.7	12.8	12.9	48.7	48.7	49.3	45.1	44.4	44.6	42
11.9	11.5	11.7	47.5	46.0	46.3	11.9	12.0	12.1	43.7	43.7	43.8	36.2	35.4	35.4	43
26.4	26.1	26.2	63.6	63.4	63.8	34.5	33.7	33.7	186.1	187.3	185.7	272.9	265.7	265.6	44
72.4	72.6	72.8	308.2	312.6	315.0	92.0	91.4	91.7	447.3	450.0	451.7	551.1	530.9	530.6	45
227.5	230.8	228.7	981.4	1,035.2	1,030.1	272.0	282.3	280.8	856.8	917.6	908.7	628.1	623.1	617.6	46
3.3	3.2	3.2	23.0	23.6	23.4	4.5	4.7	4.7	22.1	21.8	21.3	14.7	15.0	14.9	47
17.6	17.6	17.5	107.3	104.7	103.3	31.7	32.4	31.9	86.6	86.2	85.6	48.0	48.8	48.8	48
4.2	4.4	4.4	20.8	20.3	20.3	6.4	6.7	6.7	16.0	16.9	16.7	11.4	11.8	11.8	49
1.6	1.7	1.7	14.1	14.7	14.5	3.0	3.2	3.1	14.1	14.0	13.8	28.0	28.9	28.0	50
24.5	25.0	25.0	78.0	77.7	77.9	28.3	28.2	28.0	63.6	65.0	65.5	54.5	54.5	54.5	51
5.4	5.2	5.2	31.3	29.8	29.3	6.8	7.1	7.0	24.1	24.5	24.2	17.8	17.8	17.8	52
4.7	4.6	4.5	22.8	22.2	22.1	4.3	4.2	4.2	25.7	26.3	26.0	18.8	18.4	18.6	53
74.2	71.4	70.9	198.1	193.0	191.9	57.9	56.7	56.5	182.4	179.7	179.3	96.8	96.8	96.6	54
15.0	15.8	15.7	81.3	81.3	80.8	20.4	20.5	20.3	82.0	82.5	82.5	43.0	45.1	44.7	55
4.9	4.9	4.9	24.1	24.7	24.6	4.4	4.5	4.5	20.9	21.7	21.7	26.4	26.0	25.9	56
3.2	3.3	3.2	22.0	23.0	22.3	6.0	6.1	6.1	18.6	18.8	18.8	9.7	10.4	10.4	57
3.0	3.1	3.1	15.1	15.4	15.5	3.5	3.6	3.6	14.0	13.6	14.0	35.2	32.5	31.5	58
31.9	32.8	32.8	158.9	160.7	159.1	41.3	42.5	40.4	138.0	137.8	132.6	81.7	84.7	85.0	59
9.2	9.9	10.0	56.7	60.9	57.6	18.2	19.0	18.5	53.6	56.6	54.7	31.5	32.1	32.0	60

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

	State and areas	Total			Mining			Construction			Manufacturing		
		MAY 1981	APR. 1982	MAY 1982P	MAY 1981	APR. 1982	MAY 1982P	MAY 1981	APR. 1982	MAY 1982P	MAY 1981	APR. 1982	MAY 1982P
1	**GEORGIA**	2,192.4	2,165.9	2,164.8	7.7	7.9	7.9	103.2	99.2	99.4	523.8	499.0	496.3
2	Albany	44.6	45.0	45.0	(1)	(1)	(1)	2.0	2.3	2.4	11.9	11.9	11.8
3	Atlanta	995.1	997.1	996.6	(1)	(1)	(1)	46.1	44.0	44.2	147.7	142.9	142.3
4	Augusta	121.9	122.6	122.6	(1)	(1)	(1)	5.7	4.9	5.1	35.4	34.4	34.4
5	Columbus	81.4	77.9	78.1	(1)	(1)	(1)	4.8	5.0	5.0	21.5	18.6	18.7
6	Macon	97.6	96.5	98.3	(1)	(1)	(1)	3.6	3.8	3.8	17.0	17.0	17.1
7	Savannah	86.7	89.9	89.0	(1)	(1)	(1)	4.7	4.6	4.4	16.7	16.2	16.0
8	**HAWAII**	406.7	403.3	402.7	-	-	-	22.7	19.6	19.2	23.5	22.4	22.9
9	Honolulu	335.1	330.8	330.6	-	-	-	18.3	15.9	15.5	17.2	16.2	16.8
10	**IDAHO**	327.8	315.7	317.1	4.7	3.4	3.3	16.0	15.0	15.8	52.7	47.0	47.4
11	Boise City	77.6	75.5	75.7	(1)	(1)	(1)	5.5	5.0	5.2	8.5	8.6	8.8
12	**ILLINOIS**	4,748.9	4,621.3	4,648.3	16.2	28.8	29.5	172.5	149.3	159.8	1,139.9	1,047.0	1,038.7
13	Bloomington—Normal	49.6	49.8	48.2	(2)	(2)	(2)	1.9	1.6	1.8	7.0	5.9	6.1
14	Champaign—Urbana—Rantoul	76.9	76.9	77.9	(2)	(2)	(2)	1.6	1.3	1.4	7.6	7.6	7.6
15	Chicago—Gary	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
16	Chicago SMSA [1]	3,239.9	3,153.3	3,168.8	3.9	4.1	4.2	103.6	93.8	99.7	779.9	714.0	713.2
17	Davenport—Rock Island—Moline	162.6	155.9	154.9	(2)	(2)	(2)	7.6	7.2	7.4	49.1	44.0	42.7
18	Decatur	55.9	54.9	54.3	(2)	(2)	(2)	2.2	2.1	2.2	20.3	19.6	18.8
19	Kankakee	33.9	32.4	32.7	(2)	(2)	(2)	1.8	1.5	1.6	9.4	8.1	8.2
20	Peoria	147.8	142.4	142.0	(2)	(2)	(2)	6.7	6.3	6.7	48.0	43.3	42.8
21	Rockford	117.3	109.0	105.5	(2)	(2)	(2)	3.7	3.0	3.4	49.8	42.8	38.8
22	Springfield	86.4	86.5	86.8	(2)	(2)	(2)	3.8	3.8	4.0	6.7	6.3	6.3
23	**INDIANA**	2,136.0	2,032.0	2,046.1	6.6	8.8	9.1	87.6	74.3	77.9	666.3	606.0	601.3
24	Anderson	46.9	41.9	43.4	(1)	(1)	(1)	1.1	1.0	1.1	20.5	16.5	17.6
25	Elkhart	68.8	65.9	66.4	-	-	-	2.2	1.8	1.9	35.0	33.6	33.9
26	Evansville	126.2	124.7	124.4	1.6	2.5	2.5	6.9	6.3	6.4	37.1	34.8	33.9
27	Fort Wayne	172.1	163.3	163.8	(1)	(1)	(1)	7.9	6.6	7.2	53.7	48.8	48.2
28	Gary—Hammond—East Chicago [1]	252.4	237.6	235.9	(1)	(1)	(1)	14.8	13.1	13.4	92.5	81.7	79.2
29	Indianapolis	535.9	518.4	(*)	(1)	(1)	(*)	22.7	20.2	(*)	122.6	115.2	(*)
30	Lafayette—West Lafayette	56.6	57.3	55.7	(1)	(1)	(1)	2.6	2.2	2.3	11.2	10.6	10.5
31	Muncie	49.9	46.9	47.2	(1)	(1)	(1)	1.4	1.0	1.1	13.0	10.7	10.8
32	South Bend	107.4	103.6	104.3	(1)	(1)	(1)	4.5	3.4	3.6	30.6	29.7	29.9
33	Terre Haute	61.4	57.5	57.4	.4	1.4	1.4	3.4	2.5	2.5	15.4	13.3	13.7
34	**IOWA**	1,104.4	1,057.6	1,063.1	2.1	1.7	1.9	47.7	37.3	41.4	238.3	215.1	214.8
35	Cedar Rapids	82.4	77.2	77.3	(1)	(1)	(1)	3.5	2.8	2.9	26.2	23.5	23.3
36	Des Moines	177.5	171.1	171.6	(1)	(1)	(1)	6.6	5.0	5.2	23.5	21.0	20.6
37	Dubuque	42.0	39.1	39.1	(1)	(1)	(1)	1.3	1.0	1.1	14.4	12.1	11.8
38	Sioux City	49.3	48.1	48.8	(1)	(1)	(1)	1.8	1.4	1.7	9.1	8.4	8.6
39	Waterloo—Cedar Falls	65.3	61.4	60.3	(1)	(1)	(1)	2.0	1.9	2.1	23.0	20.1	18.8
40	**KANSAS**	958.0	939.6	939.5	19.0	19.7	19.3	43.0	38.8	38.8	189.7	175.2	173.0
41	Lawrence	28.6	28.5	28.4	(2)	(2)	(2)	.8	.7	.9	4.8	4.5	4.5
42	Topeka	86.3	84.3	84.0	.2	.2	.2	3.4	2.8	2.7	10.4	9.8	9.8
43	Wichita	209.5	199.4	197.9	3.4	3.8	3.8	9.7	8.9	9.0	64.6	56.9	55.1
44	**KENTUCKY**	1,201.4	1,166.9	1,171.6	40.1	55.0	54.0	52.2	45.6	45.5	277.0	249.4	253.8
45	Lexington—Fayette	143.4	144.1	143.4	(1)	(1)	(1)	6.3	4.5	4.8	29.3	28.0	27.7
46	Louisville	389.4	369.7	(*)	(1)	(1)	(*)	17.6	16.5	(*)	99.8	86.0	(*)
47	Owensboro	31.1	28.0	27.9	1.2	.8	.9	1.7	1.3	1.3	6.6	5.9	5.7
48	**LOUISIANA**	1,626.8	1,629.2	1,622.1	96.6	100.4	98.7	138.3	134.2	131.9	221.4	205.3	204.2
49	Alexandria	52.9	53.6	53.8	(1)	(1)	(1)	4.1	3.8	3.9	5.0	5.2	5.2
50	Baton Rouge	206.0	204.7	203.9	1.3	1.3	1.3	26.0	19.6	19.0	26.3	25.7	25.4
51	Lafayette	89.2	95.8	95.9	18.3	20.2	20.1	5.7	5.8	5.8	4.7	5.2	5.1
52	Lake Charles	71.1	67.2	65.3	2.4	2.5	2.4	10.7	7.5	5.8	13.5	11.6	11.4
53	Monroe	51.6	49.1	49.3	.6	.7	.7	3.5	2.9	3.0	8.2	7.1	7.1
54	New Orleans	519.2	514.9	513.4	19.6	21.6	21.7	30.8	30.3	30.1	53.2	49.0	48.5
55	Shreveport	151.2	150.7	150.7	7.4	6.8	6.6	8.3	7.9	7.8	27.4	27.8	27.6
56	**MAINE**	417.7	403.0	409.6	(1)	(1)	(1)	18.2	13.8	16.3	113.1	105.9	105.9
57	Lewiston—Auburn	34.8	33.4	33.7	(1)	(1)	(1)	1.2	1.1	1.2	11.9	10.8	10.8
58	Portland	91.6	94.2	95.0	(1)	(1)	(1)	4.1	3.6	4.1	17.7	17.3	17.4
59	**MARYLAND**	1,725.5	1,683.3	1,689.3	(1)	(1)	(1)	99.3	80.2	81.8	233.5	216.1	215.1
60	Baltimore SMSA	968.4	949.5	948.4	(1)	(1)	(1)	47.5	36.8	37.4	158.1	144.2	142.3
61	Baltimore City [1]	455.3	440.9	439.1	(1)	(1)	(1)	17.0	14.3	14.0	66.4	59.9	59.7

See footnotes at end of table.

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
MAY 1981	APR. 1982	MAY 1982P	MAY 1981	APR. 1982	MAY 1982P	MAY 1981	APR. 1982	MAY 1982P	MAY 1981	APR. 1982	MAY 1982P	MAY 1981	APR. 1982	MAY 1982P	
144.3	142.3	142.0	501.4	497.4	498.2	113.5	115.1	115.4	359.3	365.3	366.2	439.5	439.6	439.8	1
2.4	2.2	2.2	9.3	9.5	9.5	1.9	2.0	2.0	6.3	6.3	6.3	10.8	10.7	10.7	2
89.4	89.0	89.2	269.9	273.5	273.8	67.5	68.0	68.1	208.6	215.8	216.1	165.8	163.8	163.1	3
4.4	4.5	4.5	22.2	23.2	23.2	4.4	4.5	4.6	18.0	18.6	18.3	31.8	32.6	32.5	4
3.3	3.2	3.1	15.7	15.5	15.6	5.4	5.5	5.5	11.4	11.3	11.4	19.2	18.8	18.9	5
4.5	4.5	4.4	19.9	20.2	20.0	6.1	6.2	6.2	17.0	17.0	17.0	29.4	29.8	29.8	6
8.3	8.9	8.6	21.4	22.1	21.9	4.1	4.1	4.1	15.5	16.6	16.5	15.9	17.5	17.5	7
31.6	30.5	30.4	105.5	104.6	104.6	32.2	32.2	32.2	100.8	102.0	101.4	90.4	92.0	92.0	8
26.4	25.5	25.3	87.5	86.6	86.6	27.6	27.7	27.8	81.2	80.5	80.2	76.9	78.4	78.4	9
19.8	19.2	19.5	79.2	78.2	78.6	23.3	23.0	23.2	59.9	59.0	58.6	72.2	70.9	70.7	10
5.1	4.9	4.8	19.4	18.9	18.8	8.2	7.7	7.7	14.3	14.3	14.3	16.6	16.1	16.1	11
286.8	272.6	273.2	1,095.2	1,067.5	1,075.7	316.2	315.2	315.7	956.6	965.1	972.5	765.5	775.8	783.2	12
3.1	3.2	3.1	12.2	11.9	11.9	7.6	7.8	7.8	8.4	8.4	8.5	9.4	11.0	9.0	13
2.6	2.5	2.5	19.3	19.0	19.1	2.5	2.4	2.5	11.6	11.7	11.9	31.7	32.4	32.9	14
(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	15
198.3	191.6	192.4	762.7	746.8	751.1	244.2	242.0	242.0	696.6	705.0	709.7	450.7	456.0	456.5	16
6.9	6.8	6.7	41.0	39.5	39.6	7.1	7.2	7.1	24.7	25.1	25.1	26.2	26.1	26.3	17
5.2	5.2	5.1	11.5	11.4	11.5	2.7	2.7	2.7	8.6	8.6	8.6	5.4	5.3	5.4	18
1.4	1.4	1.4	6.8	6.8	6.8	1.1	1.1	1.1	6.4	6.5	6.5	7.0	7.0	7.1	19
8.1	7.9	7.9	34.9	34.0	34.0	7.1	7.1	7.0	25.5	26.2	25.9	17.5	17.6	17.7	20
4.4	4.4	4.4	24.2	23.7	23.9	4.2	4.3	4.3	18.5	18.6	18.5	12.5	12.2	12.2	21
4.7	4.7	4.7	18.7	18.4	18.5	6.8	6.7	6.7	17.6	17.9	18.0	28.1	28.7	28.6	22
105.2	97.5	99.0	471.8	455.7	463.3	101.2	98.8	99.6	343.6	344.2	348.3	353.7	346.6	347.5	23
1.3	1.2	1.2	9.4	8.8	9.0	1.6	1.6	1.6	7.3	7.3	7.4	5.7	5.5	5.5	24
2.2	2.0	2.0	13.1	12.6	12.7	2.1	2.1	2.1	9.0	8.9	8.9	5.2	4.9	4.9	25
7.0	7.1	7.1	30.8	31.3	31.5	4.5	4.6	4.6	25.4	25.5	25.7	12.8	12.6	12.7	26
10.9	10.3	10.3	41.8	40.7	41.1	10.6	10.5	10.5	29.0	28.6	28.7	18.2	17.8	17.8	27
14.7	13.7	13.7	51.5	50.5	50.8	9.2	9.0	9.0	37.6	38.1	38.2	32.1	31.5	31.6	28
31.2	29.8	(*)	132.6	129.8	(*)	38.7	38.0	(*)	98.1	98.7	(*)	90.0	86.7	(*)	29
1.5	1.4	1.4	11.0	11.1	11.1	2.6	2.5	2.5	9.4	9.5	9.5	18.3	20.0	18.4	30
2.0	2.0	2.0	12.4	12.2	12.2	1.5	1.4	1.4	8.1	8.2	8.3	11.5	11.4	11.4	31
4.6	4.4	4.4	25.7	24.6	24.7	5.3	5.1	5.2	23.9	23.7	23.8	12.8	12.7	12.7	32
3.4	3.2	3.2	15.3	13.7	13.6	2.2	1.9	1.9	9.4	9.3	9.3	11.9	12.2	11.8	33
54.5	51.2	51.2	275.8	267.1	268.3	59.3	59.2	59.4	210.9	212.0	210.9	215.8	214.0	215.1	34
3.8	3.7	3.7	19.1	18.0	18.0	4.4	4.2	4.2	15.8	16.0	15.9	9.5	9.0	9.2	35
11.0	10.9	11.0	45.5	44.7	44.7	21.9	22.7	22.7	40.2	39.6	39.9	28.7	27.2	27.5	36
1.7	1.6	1.6	9.1	8.7	8.7	1.3	1.3	1.3	10.4	10.9	10.9	3.9	3.6	3.6	37
3.9	3.7	3.8	13.1	12.9	13.0	2.9	2.7	2.7	12.2	12.5	12.6	6.3	6.4	6.3	38
2.4	2.3	2.3	13.7	13.3	13.3	2.1	2.0	2.0	11.1	10.9	11.0	11.1	10.9	10.9	39
63.0	61.0	61.7	229.5	225.6	226.8	48.1	47.7	47.8	174.0	178.9	179.3	191.7	192.7	192.8	40
1.5	1.4	1.4	5.4	5.6	5.6	.8	.8	.8	4.0	4.1	4.1	11.3	11.4	11.3	41
8.2	7.9	7.9	18.5	18.1	18.2	6.1	5.9	5.9	17.5	17.7	17.6	22.0	21.9	21.7	42
10.2	10.3	10.4	47.7	45.9	45.9	9.6	9.6	9.6	39.8	40.6	40.6	24.5	23.4	23.5	43
66.8	65.2	65.6	258.4	249.0	249.9	52.6	51.4	51.5	216.9	217.5	217.1	237.4	233.8	234.2	44
7.3	7.5	7.4	31.4	32.6	32.5	7.4	7.1	7.2	28.5	30.9	30.4	33.2	33.5	33.4	45
23.5	23.1	(*)	88.1	86.8	(*)	24.3	23.9	(*)	77.3	77.8	(*)	58.9	55.6	(*)	46
2.3	2.3	2.3	7.1	6.2	6.2	1.2	1.3	1.3	6.2	5.5	5.5	4.8	4.7	4.7	47
131.7	131.2	130.6	368.1	371.3	369.9	74.0	76.2	76.4	287.7	296.2	296.0	309.0	314.4	314.4	48
2.4	2.3	2.3	11.5	11.8	11.8	2.9	3.0	3.0	11.1	11.5	11.5	15.9	16.0	16.1	49
10.6	10.9	10.9	45.4	47.6	47.4	12.3	12.5	12.5	35.4	37.2	37.5	49.0	49.9	49.9	50
6.7	7.4	7.5	23.1	24.9	25.1	3.1	3.3	3.4	17.1	18.3	18.3	10.5	10.7	10.6	51
4.4	4.7	4.6	15.1	15.4	15.6	2.9	3.0	3.0	10.7	11.2	11.2	11.4	11.3	11.3	52
2.7	2.5	2.5	13.2	12.6	12.6	3.9	3.9	3.9	8.9	8.7	8.8	10.6	10.7	10.7	53
55.8	55.6	55.1	129.5	129.6	129.4	31.1	31.1	31.1	116.7	116.1	116.0	82.5	81.6	81.5	54
9.4	8.9	9.0	35.9	35.7	36.0	7.4	7.0	7.1	29.3	30.4	30.3	26.1	26.2	26.3	55
18.6	18.1	18.5	89.9	85.8	88.5	16.9	17.6	17.7	79.2	77.9	79.1	81.8	83.9	83.6	56
1.2	1.2	1.2	8.1	7.9	8.2	1.7	1.7	1.7	7.5	7.7	7.7	3.2	3.0	2.9	57
5.6	5.8	5.8	24.7	25.3	25.6	7.4	8.1	8.1	20.0	21.4	21.4	12.1	12.7	12.6	58
84.9	85.0	84.1	407.1	408.0	412.0	93.4	93.4	94.2	378.9	382.0	385.0	428.4	418.3	417.1	59
57.1	56.2	55.4	223.4	228.7	230.4	57.5	57.9	58.0	200.4	205.3	205.5	224.4	220.4	219.4	60
39.3	39.0	38.1	98.0	97.0	97.5	38.5	38.6	38.8	106.1	109.3	108.4	90.0	82.8	82.6	61

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

	State and areas	Total			Mining			Construction			Manufacturing		
		MAY 1981	APR. 1982	MAY 1982P	MAY 1981	APR. 1982	MAY 1982P	MAY 1981	APR. 1982	MAY 1982P	MAY 1981	APR. 1982	MAY 1982P
1	**MASSACHUSETTS**	2,683.5	2,625.1	2,641.3	(1)	(1)	(1)	79.9	77.7	81.4	669.0	639.2	640.0
2	Boston	1,491.1	1,480.7	1,488.2	(1)	(1)	(1)	43.4	41.6	43.5	294.4	286.1	289.3
3	Brockton	58.7	57.1	57.4	(1)	(1)	(1)	1.5	1.4	1.5	12.8	12.3	12.4
4	Fall River	54.2	52.7	53.1	(1)	(1)	(1)	1.3	1.1	1.2	20.4	19.4	19.4
5	Lawrence—Haverhill	116.8	114.0	113.8	(1)	(1)	(1)	2.9	2.6	2.8	46.5	44.3	43.5
6	Lowell	79.0	80.2	80.1	(1)	(1)	(1)	2.8	2.7	2.9	28.9	29.8	29.7
7	New Bedford	65.6	62.8	63.0	(1)	(1)	(1)	1.6	1.3	1.5	26.4	24.7	24.7
8	Springfield—Chicopee—Holyoke	238.6	232.3	234.0	(1)	(1)	(1)	6.4	5.7	6.1	63.8	60.1	59.8
9	Worcester	167.2	164.4	164.4	(1)	(1)	(1)	5.2	4.8	5.0	47.9	44.7	44.2
10	**MICHIGAN**	3,419.7	3,206.2	3,250.2	12.5	9.9	10.0	105.8	78.9	87.4	997.4	884.0	895.2
11	Ann Arbor	138.0	134.4	130.2	(1)	(1)	(1)	2.2	1.7	1.8	38.9	34.5	35.0
12	Battle Creek	62.8	60.9	60.7	(1)	(1)	(1)	1.5	1.3	1.6	20.2	18.5	17.8
13	Bay City	34.4	34.0	34.1	(1)	(1)	(1)	1.0	.9	.9	9.1	8.2	8.3
14	Benton Harbor	60.1	57.0	57.8	(1)	(1)	(1)	1.9	1.5	1.6	21.0	19.6	19.7
15	Detroit	1,651.8	1,544.4	1,565.0	1.2	.9	1.0	48.6	35.9	38.8	475.6	425.8	429.5
16	Flint	191.7	168.8	177.4	(1)	(1)	(1)	5.1	3.9	4.1	74.7	57.3	63.4
17	Grand Rapids	271.8	264.6	267.8	(1)	(1)	(1)	11.3	9.6	10.2	90.5	86.4	87.0
18	Jackson	51.1	48.4	48.2	(1)	(1)	(1)	1.3	.9	1.0	14.4	13.2	12.9
19	Kalamazoo—Portage	109.1	107.7	107.2	(1)	(1)	(1)	4.3	3.6	3.9	32.8	30.6	31.2
20	Lansing—East Lansing	196.2	183.6	185.9	(1)	(1)	(1)	5.2	3.1	3.7	41.9	35.0	35.4
21	Muskegon—Norton Shores—Musk. Hts	59.5	57.6	58.5	(1)	(1)	(1)	2.1	1.7	1.9	19.8	18.9	19.2
22	Saginaw	85.5	79.0	79.2	(1)	(1)	(1)	2.2	2.1	2.2	30.6	24.1	23.6
23	**MINNESOTA**	1,777.8	1,720.8	1,741.3	16.2	11.6	11.9	67.4	56.9	64.7	362.3	345.4	347.3
24	Duluth—Superior	57.9	54.7	55.1	(1)	(1)	(1)	1.8	1.3	1.5	7.1	6.5	6.1
25	Minneapolis—St. Paul	1,098.2	1,073.9	1,081.6	(1)	(1)	(1)	38.7	32.2	35.0	243.0	234.5	234.8
26	Rochester	51.2	50.1	50.3	(2)	(2)	(2)	1.8	1.5	1.9	10.5	9.9	9.9
27	St. Cloud	56.8	54.1	54.6	(1)	(1)	(1)	3.2	2.8	2.9	12.4	11.2	11.7
28	**MISSISSIPPI**	828.1	808.6	805.0	12.8	12.9	12.8	43.1	40.7	39.7	223.7	210.1	210.2
29	Jackson	148.0	146.6	145.9	2.1	2.1	2.1	6.7	5.7	5.4	18.6	17.7	17.6
30	**MISSOURI**	1,991.1	1,958.7	1,971.0	5.6	7.4	7.4	88.6	86.8	90.4	429.2	412.2	413.4
31	Kansas City	630.5	600.2	603.3	.5	.4	.4	23.4	20.3	20.4	119.8	109.3	112.1
32	St. Joseph	36.8	35.0	35.0	(2)	(2)	(2)	1.8	1.6	1.5	9.0	8.3	8.4
33	St. Louis	998.9	975.2	980.6	2.0	3.4	3.4	45.4	42.0	44.5	231.9	222.0	220.8
34	Springfield	87.1	86.5	86.2	(2)	(2)	(2)	3.2	3.3	3.5	18.0	17.5	17.6
35	**MONTANA**	284.6	288.1	288.0	11.2	11.0	10.7	12.9	13.5	12.9	22.8	20.9	21.6
36	Billings	47.8	49.0	48.7	(1)	(1)	(1)	2.2	2.5	2.3	4.0	4.1	4.0
37	Great Falls	28.7	30.7	30.6	(1)	(1)	(1)	1.2	1.6	1.7	1.4	1.4	1.3
38	**NEBRASKA**	630.8	610.7	616.4	1.7	1.6	1.6	27.2	22.8	23.0	95.8	86.9	86.5
39	Lincoln	100.4	96.8	98.0	(2)	(2)	(2)	3.3	2.5	2.9	13.2	12.3	12.2
40	Omaha	266.6	257.2	260.1	(2)	(2)	(2)	10.4	8.7	8.7	35.8	33.5	33.4
41	**NEVADA**	413.2	413.2	415.6	8.0	7.5	7.5	26.0	22.8	23.0	20.4	20.3	20.2
42	Las Vegas	228.3	230.3	230.8	.6	.6	.6	14.7	13.8	13.8	7.4	7.5	7.4
43	Reno	115.6	115.3	116.3	1.0	.7	.8	6.6	5.4	5.6	8.5	8.2	8.2
44	**NEW HAMPSHIRE**	392.9	388.9	393.1	(2)	(2)	(2)	20.1	22.5	23.4	116.4	112.3	112.4
45	Manchester	74.8	75.0	75.5	(2)	(2)	(2)	3.2	2.8	3.0	17.0	16.9	17.0
46	Nashua	67.0	67.7	68.0	(2)	(2)	(2)	2.7	2.6	2.7	31.1	30.2	30.3
47	**NEW JERSEY**	3,085.3	3,051.5	3,067.4	2.3	2.4	2.4	100.7	110.5	114.3	774.6	731.2	730.6
48	Atlantic City	100.6	99.9	102.6	–	–	–	5.5	5.4	5.7	8.4	7.0	7.2
49	Camden [3]	344.8	340.8	342.2	.1	.1	.1	12.7	12.9	13.2	71.0	67.1	67.4
50	Hackensack [3]	397.7	393.0	390.9	(1)	(1)	(1)	13.1	14.6	14.2	109.7	105.6	104.9
51	Jersey City [3]	223.9	221.3	221.3	–	–	–	4.9	5.6	5.9	67.3	63.9	64.0
52	Long Branch—Asbury Park	169.5	168.2	170.8	(1)	(1)	(1)	6.8	6.6	6.7	25.4	24.1	24.2
53	New Bruns.—Perth Amboy—Sayreville [3]	292.5	286.5	286.8	(1)	(1)	(1)	9.5	11.2	11.0	91.0	85.5	85.3
54	Newark [3]	941.5	934.8	938.7	.8	.9	.8	28.5	31.2	32.4	246.1	233.3	232.3
55	Paterson—Clifton—Passaic [3]	190.3	186.4	187.1	(1)	(1)	(1)	5.8	5.8	6.2	67.1	65.1	65.0
56	Trenton	164.2	159.2	159.6	(1)	(1)	(1)	3.1	3.4	3.6	34.4	30.5	30.3
57	Vineland—Millville—Bridgeton	53.5	50.6	50.8	(1)	(1)	(1)	1.9	1.6	1.7	17.4	15.4	15.5
58	**NEW MEXICO**	478.5	474.8	475.8	31.3	29.7	28.7	33.7	32.1	32.1	34.2	33.1	32.8
59	Albuquerque	189.7	188.6	190.1	(1)	(1)	(1)	12.4	11.5	11.7	17.9	16.9	16.9
60	Las Cruces	30.4	31.4	30.8	–	–	–	1.9	1.8	1.7	2.5	2.7	2.7

See footnotes at end of table.

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
MAY 1981	APR. 1982	MAY 1982P	MAY 1981	APR. 1982	MAY 1982P	MAY 1981	APR. 1982	MAY 1982P	MAY 1981	APR. 1982	MAY 1982P	MAY 1981	APR. 1982	MAY 1982P	
120.7	117.7	118.9	578.0	574.4	575.8	164.5	166.2	167.5	668.2	681.2	682.2	403.2	368.7	371.5	1
71.8	69.3	69.7	321.9	322.3	325.0	112.1	116.0	116.4	443.1	460.4	458.3	204.4	185.0	186.3	2
3.6	3.5	3.6	15.4	15.1	15.2	2.2	2.2	2.2	10.6	10.9	10.9	12.6	11.7	11.6	3
1.8	1.8	1.8	11.6	11.5	11.7	2.9	2.9	2.9	9.1	9.2	9.3	7.1	6.8	6.8	4
4.9	4.9	5.0	22.2	22.6	22.6	4.3	4.4	4.4	18.6	19.0	19.3	17.4	16.2	16.2	5
3.3	3.4	3.4	16.3	16.8	16.7	2.2	2.1	2.2	12.8	13.6	13.6	12.7	11.8	11.6	6
2.2	2.3	2.3	12.8	12.6	12.8	2.1	2.1	2.0	10.5	10.8	10.9	10.0	9.0	8.8	7
9.5	9.2	9.2	48.3	48.5	49.0	13.4	13.3	13.5	48.9	49.8	50.8	48.3	45.7	45.6	8
7.4	7.5	7.6	36.5	36.2	36.5	10.3	10.2	10.4	35.4	37.7	36.8	24.8	23.3	23.9	9
145.6	136.9	137.7	719.9	667.7	682.6	154.8	150.7	151.7	651.1	660.6	664.7	632.6	617.4	620.9	10
3.3	3.4	3.3	20.0	19.0	19.1	4.1	3.8	3.8	24.2	24.4	24.8	45.4	47.5	42.5	11
2.2	2.2	2.2	10.6	10.5	10.5	4.3	4.2	4.2	11.6	12.0	12.1	12.4	12.1	12.3	12
1.7	1.7	1.7	8.7	8.8	8.9	1.4	1.3	1.3	7.0	7.6	7.5	5.7	5.4	5.4	13
2.2	2.0	2.0	11.6	11.1	11.4	2.0	1.9	1.9	12.3	12.2	12.4	9.1	8.7	8.8	14
77.8	73.0	73.0	361.1	340.5	349.4	88.5	87.2	88.0	347.4	344.1	346.3	251.5	237.0	239.0	15
5.9	6.4	6.3	40.6	38.2	38.3	6.4	6.3	6.3	29.3	27.8	29.3	29.7	28.9	29.6	16
11.1	11.0	11.0	64.6	64.4	65.5	10.9	10.8	10.9	51.4	51.5	51.8	31.9	30.9	31.5	17
5.0	5.1	4.6	10.3	9.6	9.7	1.6	1.6	1.6	9.6	9.7	9.8	8.8	8.4	8.6	18
4.1	4.3	4.3	22.4	21.9	22.0	4.1	4.0	4.0	22.2	22.2	22.3	19.1	21.1	19.5	19
5.6	5.6	5.6	35.8	35.0	33.8	9.4	9.2	9.2	30.2	30.2	31.2	68.3	65.5	67.0	20
3.1	3.0	3.2	11.8	11.6	11.7	1.4	1.4	1.4	10.4	10.3	10.4	10.9	10.7	10.7	21
4.8	4.8	4.8	17.7	18.0	18.4	4.1	3.9	3.9	14.1	14.9	15.2	11.9	11.1	11.1	22
100.3	94.4	95.4	442.5	429.0	433.9	97.2	97.8	97.8	381.5	386.0	390.2	310.5	299.7	300.2	23
6.2	5.3	5.6	14.7	14.4	14.6	2.3	2.2	2.2	13.8	13.1	13.1	12.1	11.9	12.0	24
63.7	60.8	60.7	270.3	265.4	266.5	72.4	72.8	72.7	247.2	249.3	251.9	163.0	158.8	159.9	25
1.9	1.9	1.9	9.8	10.0	10.0	1.5	1.5	1.5	19.6	20.1	20.2	6.1	5.1	5.0	26
3.5	3.1	3.1	13.6	13.2	13.2	1.9	1.9	1.9	10.3	10.3	10.3	11.8	11.6	11.5	27
40.3	40.3	40.4	164.2	162.3	162.6	32.8	32.9	33.0	121.8	121.9	121.6	189.4	187.5	184.7	28
10.1	10.0	10.1	34.9	34.6	34.6	11.3	11.1	11.0	29.8	30.4	30.3	34.5	35.0	34.8	29
139.5	134.4	134.1	469.5	462.5	467.5	109.1	108.6	108.9	406.5	413.1	415.3	343.0	333.7	334.0	30
52.7	49.6	49.4	161.2	152.2	153.1	44.5	44.1	44.1	133.1	132.6	132.4	95.3	91.7	91.4	31
2.2	2.2	2.2	8.9	8.5	8.5	1.9	2.0	2.0	6.8	6.3	6.4	6.2	6.1	6.0	32
72.9	69.5	69.2	227.1	223.1	225.4	57.7	57.1	57.2	223.6	222.6	224.8	138.3	135.5	135.3	33
7.1	7.2	7.1	24.2	23.1	23.5	3.5	3.5	3.5	18.9	19.9	18.9	12.2	12.0	12.1	34
23.0	22.8	22.7	73.0	76.1	75.7	13.1	12.6	12.6	56.0	58.4	58.5	72.5	72.8	73.4	35
4.4	4.5	4.4	15.8	16.5	16.5	2.5	2.5	2.5	11.1	11.5	11.4	7.8	7.5	7.5	36
1.9	2.1	2.1	9.3	10.2	10.2	2.1	2.2	2.1	7.0	7.6	7.3	5.8	5.7	5.7	37
47.8	43.3	43.6	163.8	160.7	162.4	41.2	41.4	41.3	121.6	122.0	124.0	131.8	132.0	134.0	38
7.5	6.8	6.9	22.5	22.3	22.5	7.0	7.0	7.0	17.2	17.3	17.3	29.6	28.6	29.2	39
24.4	22.9	23.1	67.9	65.2	65.9	23.7	23.9	23.8	62.0	60.0	61.4	42.3	43.0	43.8	40
25.0	25.3	25.4	84.1	85.0	85.9	18.5	18.2	18.1	173.0	175.7	177.0	58.2	58.4	58.5	41
13.8	13.9	14.0	48.3	48.5	48.8	10.5	10.5	10.4	106.1	108.0	108.5	26.9	27.5	27.3	42
8.1	8.1	8.1	25.2	26.0	26.2	6.2	6.0	5.9	43.6	44.4	44.9	16.4	16.5	16.6	43
14.3	14.3	14.4	88.4	87.3	89.0	20.5	20.7	20.7	75.0	75.1	76.5	58.2	56.7	56.7	44
4.7	4.7	4.7	19.7	19.9	20.1	6.2	6.4	6.4	15.3	16.0	16.0	8.7	8.3	8.3	45
2.1	2.2	2.2	13.2	14.1	14.2	1.9	2.1	2.1	10.3	10.9	10.9	5.7	5.6	5.6	46
191.6	192.1	186.7	689.6	682.9	692.5	160.8	162.2	162.9	638.4	643.9	651.2	527.3	526.3	526.8	47
4.0	3.9	3.9	19.4	17.8	18.8	5.0	4.7	4.8	42.0	44.9	46.0	16.2	16.2	16.2	48
15.4	15.0	15.0	89.2	88.1	88.3	17.4	16.7	16.8	71.6	73.5	74.1	67.4	67.4	67.3	49
20.8	20.2	20.3	116.2	112.1	111.1	18.1	18.2	18.3	77.2	80.2	80.8	42.5	42.1	41.3	50
25.4	24.4	23.8	44.8	44.6	44.6	8.4	8.5	8.6	32.2	32.8	32.8	40.9	41.5	41.6	51
6.7	6.6	6.8	42.2	42.4	43.3	7.9	7.8	7.9	43.5	43.7	45.0	37.1	37.0	36.9	52
23.6	23.5	23.6	67.7	66.1	66.7	11.5	11.5	11.7	42.7	44.8	45.0	46.5	43.9	43.5	53
72.9	74.9	75.1	181.8	178.7	181.6	64.7	65.5	65.7	199.5	204.9	205.5	147.2	145.4	145.3	54
6.6	6.3	6.3	40.3	39.3	39.2	9.3	9.0	9.0	34.9	34.7	35.1	26.2	26.2	26.3	55
5.3	5.2	5.2	25.0	24.0	24.2	8.2	8.5	8.6	42.3	41.8	42.0	45.9	45.8	45.7	56
3.0	3.0	2.9	9.0	8.7	8.7	2.4	2.5	2.5	8.7	8.7	8.7	11.0	10.9	10.8	57
29.1	28.7	29.0	106.0	107.9	109.5	21.6	22.0	22.2	94.6	94.3	95.3	128.0	127.0	126.2	58
11.9	11.3	11.6	47.5	48.2	48.9	11.3	10.9	11.0	45.6	46.9	47.3	43.4	42.9	42.7	59
1.2	1.2	1.2	5.4	5.8	5.8	1.3	1.2	1.2	4.0	4.2	3.9	14.1	14.5	14.3	60

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

	State and areas	Total			Mining			Construction			Manufacturing		
		MAY 1981	APR. 1982	MAY 1982P	MAY 1981	APR. 1982	MAY 1982P	MAY 1981	APR. 1982	MAY 1982P	MAY 1981	APR. 1982	MAY 1982P
1	**NEW YORK**	7,302.0	7,248.0	7,305.2	6.5	6.0	6.2	215.0	198.0	213.4	1,438.5	1,383.0	1,384.8
2	Albany—Schenectady—Troy	341.8	335.7	337.9	(1)	(1)	(1)	9.9	8.0	9.2	56.7	52.8	52.3
3	Binghamton	117.4	117.4	118.5	(1)	(1)	(1)	3.5	3.3	3.7	42.7	42.5	42.7
4	Buffalo	502.9	473.9	479.9	(1)	(1)	(1)	16.3	12.6	14.7	132.8	116.3	116.5
5	Elmira	36.8	34.8	34.8	(1)	(1)	(1)	1.0	.8	1.0	11.1	9.6	9.2
6	Monroe County [2]	343.1	342.5	346.8	(1)	(1)	(1)	9.6	8.9	9.8	137.3	138.1	139.6
7	Nassau—Suffolk [2]	928.5	920.2	932.1	(1)	(1)	(1)	36.5	33.3	34.9	168.2	165.7	166.1
8	New York—Northeastern New Jersey	6,737.6	6,759.4	(*)	2.9	2.3	(*)	192.3	201.6	(*)	1,324.3	1,280.9	(*)
9	New York and Nassau—Suffolk [2]	4,740.5	4,736.6	4,763.4	2.0	1.5	1.9	137.8	133.8	138.5	749.4	726.2	727.0
10	New York SMSA [2]	3,812.0	3,816.3	3,831.3	1.7	1.7	1.7	101.3	100.6	103.6	581.2	560.5	560.9
11	New York City [2]	3,358.7	3,365.9	3,376.8	1.5	1.4	1.4	82.4	81.4	83.4	489.5	471.0	471.2
12	Poughkeepsie	99.6	102.0	102.7	(1)	(1)	(1)	2.8	2.6	2.8	31.9	33.2	33.3
13	Rochester	419.4	417.8	423.3	(1)	(1)	(1)	11.4	10.6	11.8	156.2	156.7	158.4
14	Rockland County [2]	81.8	81.4	82.7	(1)	(1)	(1)	2.7	2.7	3.0	15.5	15.1	15.3
15	Syracuse	259.5	255.1	255.4	(1)	(1)	(1)	9.4	8.4	9.3	59.5	56.8	56.9
16	Utica—Rome	114.3	112.9	114.1	(1)	(1)	(1)	2.7	2.3	2.8	29.4	28.5	28.3
17	Westchester County [2]	359.0	356.6	359.3	(1)	(1)	(1)	15.5	15.8	16.4	74.8	73.1	73.0
18	**NORTH CAROLINA**	2,397.7	2,352.9	2,348.7	5.0	4.8	4.9	117.2	106.5	106.7	818.0	779.7	776.2
19	Asheville	71.9	69.9	71.0	(1)	(1)	(1)	3.0	2.9	2.9	21.8	20.7	20.8
20	Charlotte—Gastonia	341.2	333.1	332.8	(1)	(1)	(1)	18.2	17.7	17.8	96.6	91.5	91.1
21	Greensboro—Winston-Salem—High Pt	392.1	386.6	386.8	(1)	(1)	(1)	16.8	16.2	16.4	149.7	144.2	143.7
22	Raleigh—Durham	277.6	278.5	275.2	(1)	(1)	(1)	14.0	12.7	12.8	45.4	44.8	44.9
23	**NORTH DAKOTA**	249.5	247.4	252.9	10.8	10.3	10.2	14.7	12.3	16.5	15.1	14.5	14.6
24	Fargo—Moorhead	62.1	61.8	62.5	(2)	(2)	(2)	3.2	2.4	3.0	4.6	4.3	4.3
25	**OHIO**	4,356.7	4,216.6	4,248.4	23.1	32.4	32.8	155.6	138.7	145.6	1,247.2	1,132.2	1,132.4
26	Akron	262.7	255.1	257.8	(*)	(*)	(*)	7.6	6.6	7.1	76.6	71.6	71.7
27	Canton	158.1	153.2	154.6	(*)	(*)	(*)	5.0	4.8	5.2	55.4	50.7	50.9
28	Cincinnati	599.1	585.4	589.3	(*)	(*)	(*)	22.6	20.5	21.2	158.6	150.5	150.6
29	Cleveland	885.3	860.8	864.8	(*)	(*)	(*)	27.8	25.5	25.9	248.0	233.2	232.9
30	Columbus	510.3	504.1	507.3	(*)	(*)	(*)	18.1	16.2	17.1	94.1	88.4	87.8
31	Dayton	354.7	346.3	346.7	(*)	(*)	(*)	11.3	10.0	10.7	98.3	90.6	90.0
32	Toledo	295.3	285.5	288.8	(*)	(*)	(*)	11.6	10.3	10.9	75.3	68.4	68.8
33	Youngstown—Warren	203.0	186.8	190.9	(*)	(*)	(*)	6.1	5.5	5.8	69.8	55.9	58.1
34	**OKLAHOMA**	1,192.0	1,218.5	1,224.5	92.7	104.1	101.6	54.3	54.6	56.0	199.0	189.4	189.8
35	Enid	26.6	26.5	26.6	2.8	3.0	3.0	1.5	1.3	1.3	3.1	2.7	2.6
36	Lawton	29.4	30.3	30.9	(1)	(1)	(1)	1.3	1.3	1.3	3.1	3.0	3.0
37	Oklahoma City	421.9	435.2	441.6	26.0	29.8	30.2	21.1	21.5	22.1	56.3	51.9	53.8
38	Tulsa	320.1	326.3	327.4	25.9	28.7	28.7	16.1	15.6	16.2	67.3	65.9	65.0
39	**OREGON**	1,028.5	971.6	975.1	2.1	2.0	2.6	37.7	29.3	31.2	203.2	185.8	186.3
40	Eugene—Springfield	101.3	95.9	96.0	(1)	(1)	(1)	3.6	2.7	2.8	19.0	16.5	16.5
41	Jackson County	–	–	–	–	–	–	–	–	–	7.7	6.2	6.5
42	Portland	549.8	525.7	524.0	(1)	(1)	(1)	21.3	18.5	18.9	108.9	101.4	100.9
43	Salem	85.7	82.5	(*)	(1)	(1)	(*)	3.4	2.6	(*)	12.0	10.7	(*)
44	**PENNSYLVANIA**	4,754.5	4,585.2	4,598.8	26.9	45.7	45.4	186.8	160.4	171.8	1,307.7	1,200.8	1,186.5
45	Allentown—Bethlehem—Easton	264.4	254.8	256.1	(1)	(1)	(1)	7.7	7.0	7.5	104.1	97.7	96.8
46	Altoona	50.6	48.9	49.2	(1)	(1)	(1)	2.0	1.9	2.0	12.8	12.3	12.3
47	Delaware Valley [3]	1,598.4	1,553.1	1,555.7	(1)	(1)	(1)	63.4	52.9	57.2	361.6	340.6	337.1
48	Erie	112.1	106.8	106.2	(1)	(1)	(1)	3.3	2.7	2.8	41.0	39.4	38.8
49	Harrisburg	228.0	224.8	227.3	(1)	(1)	(1)	8.1	6.8	7.3	42.1	40.2	40.5
50	Johnstown	79.1	78.8	78.8	2.9	7.5	7.2	3.0	2.0	2.1	17.4	15.1	15.1
51	Lancaster	155.9	151.3	152.0	(1)	(1)	(1)	6.5	6.1	6.1	59.5	55.9	55.9
52	Northeast Pennsylvania	241.3	232.6	233.7	.5	1.0	1.1	10.8	9.6	9.7	69.4	65.3	64.7
53	Philadelphia SMSA	1,942.5	1,894.2	1,897.6	(1)	(1)	(1)	76.6	65.8	70.4	432.7	407.8	404.4
54	Philadelphia City [3]	783.6	759.3	759.1	(1)	(1)	(1)	20.2	17.7	19.3	130.1	122.2	121.0
55	Pittsburgh	942.3	895.6	890.9	3.7	9.5	9.5	44.7	40.6	41.2	239.2	203.6	196.7
56	Reading	138.7	136.3	136.9	(1)	(1)	(1)	5.0	4.3	4.4	51.9	50.7	51.2
57	Williamsport	46.0	45.9	45.2	(1)	(1)	(1)	1.3	1.1	1.2	15.5	15.9	15.2
58	York	156.1	152.4	152.8	(1)	(1)	(1)	6.5	6.7	6.9	64.3	61.8	61.0
59	**RHODE ISLAND**	403.1	387.2	391.0	(1)	(1)	(1)	12.1	11.2	11.5	127.1	116.5	116.2
60	Providence—Warwick—Pawtucket	409.6	392.4	394.8	(1)	(1)	(1)	12.3	11.3	11.6	140.4	128.8	127.5
61	**SOUTH CAROLINA**	1,207.7	1,189.9	1,182.1	(1)	(1)	(1)	72.3	65.7	65.6	389.6	369.8	360.2
62	Charleston—North Charleston	153.2	154.3	155.7	(1)	(1)	(1)	10.2	10.1	10.1	21.2	19.6	19.7
63	Columbia	179.8	179.9	179.2	(1)	(1)	(1)	8.4	8.3	8.3	27.2	25.9	25.0
64	Greenville—Spartanburg	267.7	265.1	263.0	(1)	(1)	(1)	16.6	15.4	15.6	102.6	98.3	96.7

See footnotes at end of table.

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
MAY 1981	APR. 1982	MAY 1982P	MAY 1981	APR. 1982	MAY 1982P	MAY 1981	APR. 1982	MAY 1982P	MAY 1981	APR. 1982	MAY 1982P	MAY 1981	APR. 1982	MAY 1982P	
430.9	424.0	426.2	1,461.2	1,446.5	1,465.0	651.6	664.6	667.4	1,782.8	1,811.9	1,820.4	1,315.6	1,313.8	1,321.8	1
15.3	15.1	15.2	68.1	68.2	68.9	16.0	15.9	16.1	73.5	74.7	75.1	102.3	101.0	101.2	2
4.7	4.6	4.6	21.1	21.0	21.3	4.2	4.1	4.2	18.0	19.5	19.6	23.1	22.2	22.5	3
26.9	25.3	25.5	110.4	106.8	108.5	22.5	22.4	22.5	106.6	106.9	107.9	87.3	83.7	84.4	4
1.3	1.3	1.3	8.5	8.6	8.7	1.1	1.2	1.2	7.2	7.1	7.2	6.6	6.2	6.3	5
10.3	10.2	10.2	60.3	59.5	60.2	14.3	14.3	14.4	70.7	71.4	72.2	40.9	40.1	40.3	6
41.0	41.9	42.9	238.6	235.1	238.9	52.7	53.1	53.3	215.6	217.6	220.8	176.0	173.6	175.2	7
472.0	464.7	(*)	1,395.9	1,385.3	(*)	637.2	670.5	(*)	1,624.4	1,685.8	(*)	1,088.6	1,068.3	(*)	8
320.2	315.4	317.3	952.7	944.0	952.6	545.5	557.7	559.3	1,263.3	1,288.4	1,294.5	769.6	769.1	772.3	9
279.3	273.5	274.4	714.0	709.0	713.7	492.8	504.7	506.0	1,048.0	1,071.0	1,073.9	593.7	595.5	597.1	10
255.9	250.2	251.1	610.2	605.1	608.6	470.1	481.9	483.2	934.4	958.2	960.0	514.8	516.6	517.8	11
2.9	2.9	2.9	16.5	16.6	16.8	2.9	2.9	2.9	19.0	19.6	19.8	23.8	24.2	24.3	12
12.7	12.5	12.6	77.6	77.1	78.2	15.8	15.9	16.0	83.3	83.5	84.6	62.4	61.5	61.7	13
3.4	3.4	3.4	17.8	17.6	18.0	2.6	2.7	2.7	18.8	18.2	18.5	21.0	21.6	21.8	14
14.5	14.1	14.3	56.5	55.5	56.4	16.5	16.4	16.6	53.6	54.7	52.8	49.5	49.1	49.0	15
4.0	3.9	3.9	22.5	22.2	22.7	5.5	5.5	5.6	21.5	21.4	21.5	28.8	29.1	29.3	16
19.4	19.3	19.4	83.1	83.2	84.0	19.6	19.6	19.6	92.0	91.7	92.6	54.6	54.1	54.2	17
116.1	115.2	115.9	473.3	465.6	467.1	98.3	98.7	98.5	353.5	359.9	360.8	416.3	422.5	418.6	18
3.6	3.6	3.6	15.6	15.5	15.7	2.3	2.4	2.4	13.5	12.6	13.1	12.1	12.2	12.5	19
31.5	30.9	31.2	82.5	79.3	79.2	21.5	21.6	21.4	54.7	54.6	54.7	38.2	37.5	37.4	20
21.2	21.0	21.3	77.8	76.5	77.1	18.8	18.9	18.8	60.1	61.9	62.0	47.7	47.9	47.5	21
13.2	13.8	14.0	53.0	52.3	52.6	15.9	16.2	16.2	61.3	61.3	60.8	74.8	77.4	73.9	22
17.2	16.8	16.7	67.0	66.4	67.5	11.7	11.9	11.9	51.3	53.9	53.8	61.7	61.3	61.7	23
4.0	3.7	3.8	18.8	18.9	19.0	3.8	3.9	3.9	14.4	15.2	15.1	13.3	13.4	13.4	24
217.8	214.0	214.4	949.5	929.4	938.3	204.6	205.1	205.5	859.3	882.1	890.5	699.6	682.7	688.8	25
14.0	13.7	13.5	57.9	57.1	57.7	9.2	9.1	9.2	52.0	52.5	53.5	44.8	43.8	44.6	26
6.9	7.0	7.0	33.6	33.1	33.4	6.3	6.4	6.5	30.2	30.5	30.8	19.4	19.3	19.4	27
33.3	32.7	32.8	140.4	137.6	138.5	32.5	32.0	32.1	125.9	127.0	128.6	85.4	84.7	85.1	28
45.1	44.3	44.5	200.5	195.0	196.7	47.6	47.4	47.7	193.4	196.9	197.8	121.7	117.1	118.0	29
24.3	23.8	23.7	119.4	119.5	121.1	39.3	40.5	40.6	108.5	111.4	112.0	106.1	103.6	104.0	30
13.2	13.0	13.1	73.3	72.2	72.8	13.5	13.7	13.9	73.7	76.9	76.1	71.0	69.6	69.9	31
19.4	18.9	19.0	66.3	64.9	65.6	10.6	10.6	10.7	63.7	65.9	66.4	47.9	46.0	46.8	32
9.3	8.9	9.0	44.1	43.5	43.9	7.1	7.2	7.2	39.3	39.5	39.8	26.5	25.6	26.2	33
69.5	67.6	67.7	276.9	284.4	288.6	58.2	59.9	60.2	202.2	211.5	213.1	239.2	247.0	247.5	34
2.7	2.7	2.8	7.1	7.2	7.3	1.1	1.2	1.2	4.6	4.6	4.6	3.7	3.8	3.8	35
1.3	1.4	1.4	7.4	7.4	7.5	1.2	1.3	1.3	4.5	4.7	4.7	10.6	10.9	11.7	36
24.1	24.8	24.9	103.7	107.8	109.3	26.1	26.9	27.3	73.4	78.1	78.5	91.2	94.4	95.5	37
23.9	23.8	24.0	72.5	74.2	74.7	15.5	16.0	16.1	63.2	66.0	66.6	35.7	36.1	36.1	38
59.2	56.9	56.8	254.1	241.8	241.8	69.3	64.8	65.3	193.3	187.9	187.2	209.9	203.1	203.9	39
5.0	4.7	4.7	25.6	24.1	24.0	5.5	5.3	5.3	19.5	19.6	19.7	23.1	23.0	23.0	40
–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	41
36.0	35.9	35.8	142.1	136.8	136.7	45.5	44.4	44.7	111.9	108.5	107.0	84.1	80.2	80.0	42
2.8	2.8	(*)	19.0	18.0	(*)	5.6	5.7	(*)	15.3	15.9	(*)	27.6	26.8	(*)	43
261.3	243.3	243.9	991.3	966.4	974.9	241.1	241.1	242.3	1,008.8	1,022.2	1,027.6	730.6	705.3	706.4	44
14.0	13.6	13.7	52.6	50.9	51.3	9.6	9.6	9.6	46.3	46.7	47.6	30.1	29.3	29.6	45
6.8	5.9	5.9	10.7	10.6	10.6	1.5	1.5	1.6	8.9	8.6	8.6	7.9	8.1	8.0	46
82.2	78.6	78.5	333.0	324.8	325.2	111.2	112.9	113.3	407.6	415.1	415.9	239.4	228.2	228.5	47
5.0	4.7	4.6	22.0	21.2	21.5	4.8	4.8	4.8	22.4	22.8	22.4	13.6	11.2	11.3	48
17.2	16.2	16.2	46.2	45.2	45.5	12.7	12.8	12.9	41.6	42.1	43.4	60.1	61.5	61.5	49
5.0	4.7	4.7	16.0	15.1	15.2	3.9	4.0	4.0	15.7	15.8	15.9	15.2	14.6	14.6	50
6.4	6.0	6.0	34.3	33.8	34.5	5.8	6.0	6.0	27.4	28.5	28.5	16.0	15.0	15.0	51
12.9	12.4	12.5	50.7	47.9	48.7	10.3	10.1	10.2	47.5	48.0	48.8	39.5	38.3	38.0	52
97.0	93.7	93.5	422.3	412.8	413.6	128.6	129.7	130.0	478.2	488.8	490.1	307.1	295.6	295.6	53
51.7	49.2	49.2	145.1	140.8	141.4	66.5	65.7	65.8	220.6	224.5	223.0	149.4	139.2	139.4	54
56.0	52.0	52.0	213.1	208.4	209.1	47.3	46.3	46.7	219.8	219.9	220.4	118.5	115.3	115.3	55
6.4	6.5	6.6	28.0	27.1	27.1	6.4	6.5	6.4	23.8	24.2	24.3	17.2	17.0	16.9	56
2.3	2.3	2.1	9.7	9.4	9.4	2.2	2.2	2.2	8.2	8.4	8.5	6.8	6.6	6.6	57
7.5	7.3	7.4	33.1	32.7	33.0	4.1	4.0	4.0	22.2	22.1	22.4	18.4	17.8	18.1	58
13.2	13.0	13.4	81.7	78.3	79.7	21.0	21.1	21.1	89.3	90.2	91.6	58.7	56.9	57.5	59
13.1	12.8	13.2	81.5	77.8	78.9	20.9	21.0	20.9	85.3	86.4	87.7	56.1	54.3	55.0	60
53.6	54.3	54.5	233.4	235.0	236.8	49.3	51.0	51.4	170.5	173.2	173.9	239.0	240.5	239.7	61
8.9	8.6	9.1	33.0	32.8	33.1	6.6	6.9	7.1	25.4	28.4	28.7	47.9	47.9	47.9	62
9.6	9.6	9.7	37.7	36.9	37.1	14.2	14.6	14.7	27.7	28.2	28.0	55.0	56.4	56.4	63
9.9	9.3	9.1	54.1	55.4	55.2	10.0	10.4	10.4	38.1	39.7	39.5	36.4	36.6	36.5	64

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

	State and areas	Total			Mining			Contract Construction			Manufacturing		
		MAY 1981	APR. 1982	MAY 1982P	MAY 1981	APR. 1982	MAY 1982P	MAY 1981	APR. 1982	MAY 1982P	MAY 1981	APR. 1982	MAY 1982P
1	SOUTH DAKOTA	239.5	231.7	235.7	2.9	2.8	2.8	10.3	7.5	8.6	25.9	25.5	25.6
2	Sioux Falls	54.2	55.5	55.9	(2)	(2)	(2)	2.5	2.1	2.3	7.3	7.7	7.7
3	TENNESSE	1,760.0	1,720.8	(*)	10.0	10.7	(*)	75.5	85.2	(*)	510.4	482.2	(*)
4	Chattanooga	169.9	167.3	(*)	1.2	1.2	(*)	6.0	5.8	(*)	49.0	47.5	(*)
5	Knoxville	204.6	205.8	(*)	1.6	1.6	(*)	9.8	10.5	(*)	52.1	48.2	(*)
6	Memphis	358.5	352.6	(*)	.2	.2	(*)	13.6	13.8	(*)	60.3	56.8	(*)
7	Nashville—Davidson	364.4	353.1	(*)	(1)	(1)	(*)	16.6	15.7	(*)	82.8	78.3	(*)
8	TEXAS	6,112.9	6,297.0	6,291.0	279.2	304.6	300.1	427.5	438.9	441.0	1,103.6	1,089.3	1,080.9
9	Dallas—Fort Worth	1,514.3	1,550.9	1,554.3	29.5	32.1	32.3	81.9	80.2	80.4	332.0	323.4	321.6
10	Houston	1,542.8	1,589.7	1,583.0	100.1	104.0	103.9	147.4	147.5	145.2	260.4	263.9	261.7
11	San Antonio	409.8	413.5	413.6	3.1	3.6	3.6	26.9	26.2	26.2	52.2	51.2	50.4
12	UTAH	552.1	560.7	560.8	17.1	20.2	19.6	28.1	25.4	26.6	88.8	87.8	87.7
13	Salt Lake City—Ogden	391.7	394.1	395.7	7.9	7.4	6.7	18.8	16.6	17.2	60.9	60.7	60.7
14	VERMONT	201.2	197.0	200.2	.5	.5	.5	10.9	8.8	10.0	50.5	48.5	49.3
15	Burlington [13]	59.8	58.9	60.0	–	–	–	–	–	–	15.5	15.8	15.8
16	Springfield [13]	14.5	13.6	13.8	–	–	–	–	–	–	6.1	5.4	5.3
17	VIRGINIA	2,154.3	2,157.1	2,163.6	13.0	24.0	23.7	118.1	104.8	107.4	412.9	398.3	396.8
18	Bristol	27.2	26.8	27.1	(1)	(1)	(1)	1.0	.7	.7	9.4	8.9	8.9
19	Lynchburg	70.5	69.2	68.9	(1)	(1)	(1)	2.8	2.4	2.5	28.6	27.4	27.1
20	Newport News—Hampton	152.1	151.1	152.6	(1)	(1)	(1)	6.8	6.4	6.4	34.5	34.3	34.4
21	Norfolk—Virginia Beach—Portsmouth	290.5	288.1	290.3	(1)	(1)	(1)	16.8	16.3	16.6	29.7	27.9	29.0
22	Northern Virginia [13]	466.4	469.7	472.8	.4	.3	.3	29.2	24.9	26.1	19.7	21.2	21.3
23	Petersburg—Colonial Hgts.—Hopewell	45.2	45.7	45.5	(1)	(1)	(1)	2.0	1.7	1.8	10.6	10.3	10.1
24	Richmond	329.5	327.5	327.6	.3	.3	.3	17.9	16.9	17.2	56.6	54.5	54.2
25	Roanoke	102.7	101.5	102.2	.2	.2	.2	5.0	4.2	4.4	21.2	20.1	20.3
26	WASHINGTON	1,617.6	1,556.5	1,565.1	3.2	3.0	3.1	92.2	75.5	74.3	304.1	287.3	289.3
27	Seattle—Everett	782.7	760.2	758.7	(1)	(1)	(1)	37.4	32.3	32.9	169.9	164.2	162.2
28	Spokane	127.8	121.9	121.5	(1)	(1)	(1)	6.5	4.7	4.9	16.6	14.9	14.7
29	Tacoma	142.6	139.9	(*)	(1)	(1)	(*)	6.8	6.0	(*)	22.9	22.1	(*)
30	WEST VIRGINIA	585.6	606.2	609.1	19.0	64.4	63.3	30.4	20.7	22.9	111.1	100.9	101.0
31	Charleston	107.1	109.1	110.1	2.1	6.8	6.8	6.2	4.3	4.6	16.4	16.2	16.5
32	Huntington—Ashland	100.4	100.8	100.9	.7	1.2	1.2	5.3	3.5	3.7	23.8	23.9	23.7
33	Parkersburg—Marietta	59.4	57.0	56.7	1.3	1.4	1.4	3.5	2.5	2.6	16.9	15.7	15.4
34	Wheeling	61.1	62.8	62.6	1.4	4.7	4.8	2.8	1.9	2.1	11.9	10.6	10.3
35	WISCONSIN	1,923.7	1,857.3	1,874.0	2.4	1.4	1.8	61.9	49.0	54.2	540.4	493.3	492.1
36	Appleton—Oshkosh	124.7	120.2	121.2	(1)	(1)	(1)	4.9	4.2	4.8	45.9	41.9	42.1
37	Eau Claire	49.3	48.0	48.2	(1)	(1)	(1)	1.5	1.2	1.1	9.3	8.6	8.8
38	Green Bay	78.6	77.0	77.6	(1)	(1)	(1)	3.5	2.8	3.2	21.5	20.7	20.9
39	Janesville—Beloit	52.6	47.7	49.1	(1)	(1)	(1)	1.4	.9	1.1	20.6	16.1	16.8
40	Kenosha	43.0	39.1	40.0	(1)	(1)	(1)	1.6	1.4	1.8	16.5	14.0	14.2
41	La Crosse	45.1	45.2	45.2	(1)	(1)	(1)	1.3	1.1	1.3	10.4	10.0	10.0
42	Madison	170.8	168.5	170.2	(1)	(1)	(1)	6.1	4.6	5.5	20.0	18.8	19.3
43	Milwaukee	659.5	634.5	635.0	(1)	(1)	(1)	18.0	14.7	15.2	196.4	176.5	174.1
44	Racine	67.4	60.0	62.4	(1)	(1)	(1)	1.6	1.4	1.6	28.1	21.8	23.8
45	WYOMING	215.4	213.3	218.1	37.3	40.1	40.4	19.0	16.0	17.1	9.8	9.8	10.0
46	Casper	40.4	41.4	41.5	8.0	7.1	7.1	3.5	3.6	4.1	1.9	1.9	1.7
47	Cheyenne	30.7	29.8	29.7	(1)	(1)	(1)	1.9	1.5	1.6	1.4	1.3	1.3
48	PUERTO RICO	(*)	(*)	(*)	.8	.8	.8	35.2	25.3	23.5	(*)	(*)	(*)
49	Caguas	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
50	Mayaguez	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
51	Ponce	(*)	(*)	(*)	(*)	(*)	(*)	3.2	1.9	1.5	(*)	(*)	(*)
52	San Juan	(*)	(*)	(*)	(1)	(1)	(1)	24.6	19.0	17.7	(*)	(*)	(*)
53	VIRGIN ISLANDS	37.8	35.9	(*)	(2)	(2)	(*)	3.7	2.9	(*)	3.2	2.7	(*)

[1] Combined with services.
[2] Combined with construction.
[3] Area included in Chicago—Gary Standard Consolidated Statistical Area.
[4] Subarea Baltimore Standard Metropolitan Statistical Area.
[5] Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.
[6] Subarea of New York—Northeastern New Jersey.
[7] Subarea of Rochester Standard Metropolitan Statistical Area.
[8] Area included in New York and Nassau—Suffolk combined SMSA's.
[9] Subarea of New York Standard Metropolitan Statistical Area.
[10] Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Bucks, Chester, Delaware, Montgomery, Philadelphia Counties, Pennsylvania.
[11] Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Philadelphia County.
[12] Total includes data for industry divisions not shown separately.
[13] Subarea of Washington, D.C. Standard Metropolitan Statistical Area: Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park cities, and Arlington, Fairfax, Loudoun, and Prince William Counties, Virginia.
p = preliminary.
*Not available.

SOURCE: Cooperating State agencies listed on inside back cover.

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
MAY 1981	APR. 1982	MAY 1982P	MAY 1981	APR. 1982	MAY 1982P	MAY 1981	APR. 1982	MAY 1982P	MAY 1981	APR. 1982	MAY 1982P	MAY 1981	APR. 1982	MAY 1982P	
13.0	12.8	12.9	64.6	63.5	64.6	11.3	11.3	11.3	52.1	49.9	51.2	59.4	58.4	58.7	1
4.6	4.5	4.6	15.7	16.1	16.1	3.4	3.4	3.4	13.8	14.8	14.8	6.9	6.9	7.0	2
86.2	82.0	(*)	370.8	365.7	(*)	78.5	76.4	(*)	308.5	315.5	(*)	320.0	303.1	(*)	3
7.8	7.6	(*)	34.4	33.9	(*)	9.7	9.8	(*)	29.2	29.1	(*)	32.6	32.4	(*)	4
8.3	7.8	(*)	43.3	45.2	(*)	8.7	8.9	(*)	33.6	35.0	(*)	47.2	48.6	(*)	5
27.5	26.4	(*)	96.2	95.9	(*)	20.0	19.9	(*)	75.1	75.9	(*)	65.6	63.7	(*)	6
19.9	19.8	(*)	79.9	76.7	(*)	24.6	23.8	(*)	77.9	77.5	(*)	62.7	61.3	(*)	7
380.5	392.1	390.6	1,489.2	1,567.4	1,574.1	344.1	355.8	356.7	1,081.8	1,130.6	1,130.1	1,007.0	1,018.3	1,017.5	8
97.8	100.3	100.4	397.1	411.2	413.7	113.1	119.1	119.6	277.1	298.6	300.1	185.8	186.0	186.2	9
107.9	110.0	110.0	367.4	382.1	381.0	91.7	96.8	97.2	299.8	312.3	311.9	168.1	173.1	172.1	10
18.6	19.4	19.3	102.9	102.9	103.2	27.1	27.9	28.0	84.5	85.9	86.1	94.5	96.4	96.8	11
34.2	35.7	36.4	129.1	128.2	129.1	26.3	26.8	26.9	101.2	108.0	105.6	127.3	128.5	128.8	12
26.7	27.6	28.1	96.0	95.2	95.9	21.1	21.8	21.9	70.4	73.4	73.8	90.0	91.5	91.5	13
8.5	8.5	8.6	41.9	42.1	42.7	8.3	8.3	8.4	43.9	43.4	43.9	36.7	36.9	37.1	14
2.4	2.3	2.3	12.5	12.5	12.4	–	–	–	12.7	12.5	12.8	–	–	–	15
.6	.7	.7	2.2	2.1	2.2	–	–	–	2.6	2.4	2.5	–	–	–	16
115.1	117.2	117.8	458.2	469.8	472.5	105.9	105.7	106.3	415.7	423.9	426.4	515.5	513.3	512.7	17
1.0	1.1	1.2	6.3	6.7	6.8	.9	.9	.9	3.4	3.5	3.6	5.2	4.9	4.9	18
2.8	2.7	2.7	12.1	12.1	12.2	3.3	3.3	3.3	10.9	11.2	11.2	10.1	10.0	10.0	19
4.8	5.2	5.2	28.8	29.0	29.4	4.8	4.8	4.9	31.7	30.7	31.5	40.7	40.6	40.9	20
19.9	19.8	20.1	70.0	69.9	70.7	15.0	14.9	15.1	59.0	59.9	60.5	80.1	79.5	79.4	21
32.3	31.9	32.0	110.6	114.1	114.9	29.2	29.2	29.1	124.9	127.0	127.8	120.2	121.0	121.2	22
1.3	1.3	1.2	8.9	9.4	9.2	1.2	1.2	1.2	6.7	7.1	7.1	14.5	14.8	14.8	23
19.7	19.5	19.7	76.1	76.8	77.2	26.4	26.2	26.3	60.4	61.5	61.5	72.2	71.8	71.3	24
9.1	9.8	9.8	24.8	25.1	25.2	6.1	6.0	6.1	20.6	20.8	21.0	15.6	15.3	15.3	25
89.3	86.0	85.8	381.8	375.9	380.8	91.3	91.6	91.9	318.4	315.6	317.0	337.6	321.6	322.9	26
51.6	50.6	50.4	186.3	184.9	185.6	57.2	58.0	58.0	156.8	153.5	153.4	123.5	116.7	116.2	27
8.2	7.7	7.7	35.2	33.7	33.8	7.8	7.8	7.8	30.3	30.8	30.3	23.2	22.3	22.3	28
6.5	6.2	(*)	33.1	32.6	(*)	7.0	6.9	(*)	31.8	32.5	(*)	34.5	33.6	(*)	29
38.2	41.3	41.4	131.7	128.8	129.4	22.3	21.9	22.0	101.5	101.5	102.3	131.7	126.7	126.9	30
9.3	9.4	9.4	26.2	26.2	26.3	5.2	5.1	5.2	20.7	21.1	21.2	21.0	20.1	20.2	31
8.3	9.6	9.6	24.4	24.1	24.1	3.8	3.6	3.6	15.7	15.9	16.0	18.4	18.8	19.0	32
2.5	2.4	2.4	13.1	12.9	13.0	2.1	2.0	2.0	10.4	10.3	10.0	9.8	9.8	9.8	33
3.4	3.6	3.6	15.1	15.2	15.2	2.8	2.8	2.8	14.0	14.3	14.3	9.7	9.6	9.5	34
91.9	87.8	89.2	431.7	423.2	431.2	95.3	96.4	97.0	374.0	380.0	382.8	325.9	326.2	325.7	35
4.3	4.5	4.4	26.0	25.3	25.4	5.6	5.7	5.7	21.2	21.8	21.8	16.9	16.8	16.8	36
2.7	2.6	2.6	13.0	12.8	13.0	1.7	1.7	1.7	9.9	10.0	9.9	11.2	11.1	11.1	37
5.9	5.8	6.1	19.7	19.3	19.4	2.6	2.5	2.5	15.2	15.6	15.5	10.2	10.4	9.9	38
2.1	2.3	2.5	11.2	10.8	11.1	1.4	1.4	1.4	8.9	9.0	9.0	7.0	7.1	7.3	39
1.5	1.2	1.2	8.4	7.9	8.1	1.0	1.0	1.0	8.1	7.7	7.8	6.0	5.9	6.0	40
2.3	2.0	1.9	11.9	11.9	12.0	1.2	1.2	1.2	10.8	11.6	11.6	7.1	7.6	7.2	41
6.3	6.3	6.4	35.8	36.3	36.7	13.4	13.7	13.8	32.5	33.4	33.4	56.7	55.3	54.2	42
34.2	33.0	33.2	140.7	137.1	138.9	40.4	40.9	41.1	145.3	147.4	147.7	94.6	85.0	84.9	43
2.3	2.4	2.4	13.2	12.6	12.8	2.3	2.3	2.3	11.4	11.1	11.1	8.5	8.4	8.6	44
18.2	17.6	17.7	47.3	48.7	49.2	7.4	7.5	7.5	32.2	30.8	32.4	44.2	42.8	43.8	45
2.9	2.5	2.6	10.9	11.7	11.3	1.7	1.8	1.8	5.8	6.4	6.3	5.7	6.4	6.6	46
4.7	4.2	4.0	7.0	7.2	7.2	1.6	1.5	1.5	5.1	5.2	5.1	9.0	8.9	9.0	47
17.6	16.9	15.6	114.5	104.7	106.2	27.9	28.2	28.1	82.7	82.5	81.8	235.3	244.9	245.4	48
(*)	(*)	(*)	5.5	4.6	4.7	(*)	(*)	(*)	(*)	(*)	(*)	11.3	9.9	9.9	49
(*)	(*)	(*)	5.8	5.5	5.5	(*)	(*)	(*)	(*)	(*)	(*)	15.5	13.6	13.6	50
(*)	(*)	(*)	7.8	6.6	6.7	(*)	(*)	(*)	7.1	6.7	6.8	17.6	17.1	17.1	51
13.6	13.6	12.4	72.4	66.3	67.1	20.9	21.0	21.1	57.8	58.8	58.2	123.8	120.3	120.4	52
2.1	2.1	(*)	7.7	7.6	(*)	1.6	1.6	(*)	5.8	5.8	(*)	13.7	13.2	(*)	53

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C-1. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division, 1961 to date

Year and month	Average												
	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Hourly earnings excl. overtime
	Total private[1]			Mining			Construction			Manufacturing			
1961	$82.60	38.6	$2.14	$105.92	40.5	$2.64	$118.08	35.9	$3.20	$92.34	39.8	$2.32	$2.25
1962	85.91	38.7	2.22	110.70	41.0	2.70	122.47	37.0	3.31	96.56	40.4	2.39	2.31
1963	88.46	38.8	2.28	114.40	41.6	2.75	127.19	37.3	3.41	99.23	40.5	2.45	2.37
1964	91.33	38.7	2.36	117.74	41.9	2.81	132.06	37.2	3.55	102.97	40.7	2.53	2.43
1965	95.45	38.8	2.46	123.52	42.3	2.92	138.38	37.4	3.73	107.53	41.2	2.61	2.50
1966	98.82	38.6	2.56	130.24	42.7	3.05	146.26	37.6	3.89	112.19	41.4	2.71	2.59
1967	101.84	38.0	2.68	135.89	42.6	3.19	154.95	37.7	4.11	114.49	40.6	2.82	2.71
1968	107.73	37.8	2.85	142.71	42.6	3.35	164.49	37.3	4.41	122.51	40.7	3.01	2.88
1969	114.61	37.7	3.04	154.30	43.0	3.50	181.54	37.9	4.79	129.51	40.6	3.19	3.05
1970	119.83	37.1	3.23	164.40	42.7	3.85	195.45	37.3	5.24	133.33	39.8	3.35	3.23
1971	127.31	36.9	3.45	172.14	42.4	4.06	211.67	37.2	5.69	142.44	39.9	3.57	3.45
1972	136.90	37.0	3.70	189.14	42.6	4.44	221.19	36.5	6.06	154.71	40.5	3.82	3.66
1973	145.39	36.9	3.94	201.40	42.4	4.75	235.89	36.8	6.41	165.46	40.7	4.09	3.91
1974	154.76	36.5	4.24	219.14	41.9	5.23	249.25	35.6	6.81	176.80	40.0	4.42	4.25
1975	163.53	36.1	4.53	249.31	41.9	5.95	266.08	35.4	7.31	193.79	39.5	4.83	4.67
1976	175.45	36.1	4.86	273.30	42.4	6.46	283.73	35.8	7.71	209.32	40.1	5.22	5.02
1977	189.00	36.0	5.25	301.20	43.4	6.94	295.65	36.5	8.13	228.90	40.3	5.68	5.44
1978	203.70	35.8	5.69	332.88	43.4	7.67	318.69	35.8	8.66	249.27	40.4	6.17	5.91
1979	219.91	35.7	6.16	365.37	43.0	8.49	342.99	37.0	9.27	269.34	40.2	6.70	6.43
1980	235.10	35.3	6.66	397.26	43.3	9.17	367.78	37.0	9.94	288.62	39.7	7.27	7.02
1981	255.20	35.2	7.25	439.19	43.7	10.05	398.52	36.9	10.80	318.00	39.8	7.99	7.72
1981:													
June	254.88	35.4	7.20	420.04	42.3	9.93	395.81	37.2	10.64	320.39	40.2	7.97	7.69
July	257.74	35.6	7.24	439.92	43.6	10.09	407.86	37.8	10.79	317.59	39.6	8.02	7.75
August	259.88	35.6	7.30	447.30	44.2	10.12	408.41	37.4	10.92	320.40	39.9	8.03	7.78
September	259.74	35.1	7.40	450.85	43.9	10.27	396.31	35.8	11.07	322.32	39.5	8.16	7.87
October	261.18	35.2	7.42	456.13	44.5	10.25	419.62	37.6	11.16	323.95	39.7	8.16	7.89
November	262.20	35.1	7.47	461.32	44.4	10.39	414.78	37.1	11.18	325.54	39.7	8.20	7.94
December	262.24	35.2	7.45	466.37	44.8	10.41	417.75	37.1	11.26	329.97	39.9	8.27	8.00
1982:													
January	255.95	33.9	7.55	456.89	42.9	10.65	385.95	33.3	11.59	312.38	37.1	8.42	8.17
February	262.39	34.8	7.54	463.03	43.6	10.62	406.39	35.9	11.32	326.93	39.2	8.34	8.10
March	261.99	34.7	7.55	465.16	43.8	10.62	419.21	37.0	11.33	327.27	39.1	8.37	8.13
April	262.27	34.6	7.58	454.76	42.7	10.65	415.44	36.7	11.32	325.85	38.7	8.42	8.19
May p	265.52	34.8	7.63	453.90	42.5	10.68	429.00	37.5	11.44	329.55	39.0	8.45	8.22
June p	266.70	35.0	7.62	451.08	42.0	10.74	427.11	37.4	11.42	333.59	39.2	8.51	8.26

Year and month	Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			
1961	-	-	-	$67.41	38.9	$1.76	$77.12	36.9	$2.09	-	-	-	
1962	-	-	-	69.91	38.2	1.83	80.94	37.3	2.17	-	-	-	
1963	-	-	-	72.31	38.1	1.89	84.38	37.5	2.25	-	-	-	
1964	$118.78	41.1	$2.89	74.55	37.9	1.97	85.79	37.3	2.30	$70.03	36.1	$1.94	
1965	125.14	41.3	3.03	76.91	37.7	2.04	88.91	37.2	2.39	73.63	35.9	2.05	
1966	128.13	41.2	3.11	79.39	37.1	2.14	92.13	37.3	2.47	77.04	35.5	2.17	
1967	130.82	40.5	3.23	82.35	36.6	2.25	95.72	37.1	2.58	80.38	35.1	2.29	
1968	138.85	40.6	3.42	87.33	36.1	2.41	101.75	37.0	2.75	83.97	34.7	2.42	
1969	147.74	40.7	3.63	91.39	35.7	2.56	108.70	37.1	2.93	90.57	34.7	2.61	
1970	155.93	40.5	3.85	96.02	35.3	2.72	112.67	36.7	3.07	95.65	34.4	2.81	
1971	168.82	40.1	4.21	101.39	35.1	2.88	117.85	35.6	3.22	103.06	33.9	3.04	
1972	187.86	40.4	4.65	106.45	34.9	3.05	122.98	35.6	3.35	113.85	33.9	3.27	
1973	203.31	40.5	5.02	111.76	34.6	3.23	129.20	35.6	3.53	117.29	33.8	3.47	
1974	217.48	40.2	5.41	119.02	34.2	3.48	137.61	35.5	3.77	126.00	33.6	3.75	
1975	233.44	39.7	5.88	125.45	33.9	3.73	148.19	36.5	4.06	136.67	33.5	4.02	
1976	256.71	39.8	6.45	133.79	33.7	3.97	155.43	36.4	4.27	148.52	33.3	4.31	
1977	278.90	39.9	6.99	142.52	33.3	4.28	165.26	36.4	4.54	153.85	33.0	4.65	
1978	302.80	40.0	7.57	153.64	32.9	4.67	178.00	36.4	4.89	163.67	32.8	4.99	
1979	325.58	39.9	8.16	164.95	32.6	5.06	190.77	36.2	5.27	175.27	32.7	5.36	
1980	351.25	39.6	8.87	175.46	32.2	5.48	209.50	36.2	5.79	190.71	32.6	5.85	
1981	382.18	39.4	9.70	190.95	32.2	5.93	229.05	36.3	6.31	208.97	32.6	6.41	
1981:													
June	381.52	39.7	9.61	190.51	32.4	5.88	225.63	36.1	6.25	206.99	32.7	6.33	
July	383.90	39.7	9.67	193.85	32.8	5.91	227.96	36.3	6.28	209.85	33.1	6.34	
August	389.87	39.5	9.87	196.83	32.8	5.94	232.23	36.4	6.38	210.89	32.9	6.41	
September	390.04	39.2	9.95	194.49	32.2	6.04	230.04	36.0	6.39	211.25	32.4	6.52	
October	388.65	39.1	9.94	192.32	32.0	6.01	232.77	36.2	6.43	213.85	32.5	6.58	
November	393.96	39.2	10.05	192.68	31.9	6.04	236.02	36.2	6.52	216.78	32.5	6.67	
December	395.36	39.3	10.06	194.45	32.3	6.02	234.21	36.2	6.47	217.12	32.6	6.66	
1982:													
January	388.85	38.5	10.10	191.89	31.1	6.17	237.47	36.2	6.56	219.32	32.3	6.79	
February	397.10	39.2	10.13	194.66	31.6	6.16	239.64	36.2	6.62	220.68	32.5	6.79	
March	392.73	39.0	10.07	194.66	31.6	6.16	239.22	36.3	6.59	220.03	32.5	6.77	
April	393.43	38.8	10.14	195.91	31.7	6.18	240.37	36.2	6.64	221.33	32.5	6.81	
May p	396.00	38.9	10.18	197.78	31.9	6.20	245.39	36.3	6.76	221.62	32.4	6.84	
June p	398.19	39.0	10.21	199.32	32.2	6.19	241.15	36.1	6.68	222.36	32.7	6.80	

[1] For coverage of series, see footnote 1, table B-2.

p = preliminary.

NOTE: Data from April 1981 forward are subject to revision when more recent benchmark data are introduced. See "Benchmark adjustment" in the Explanatory Notes of this publication.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		May 1981	June 1981	Apr. 1982	May 1982P	June 1982P	May 1981	June 1981	Apr. 1982	May 1982P	June 1982P
–	TOTAL PRIVATE	$252.38	$250.88	$262.27	$265.52	$266.70	$7.17	$7.20	$7.58	$7.63	$7.62
–	MINING	424.95	420.04	454.76	453.90	451.08	9.68	9.93	10.65	10.68	10.74
10	METAL MINING	454.10	467.41	484.31	479.42	–	11.24	11.29	12.23	12.23	–
101	Iron ores	458.62	508.04	537.25	504.62	–	11.82	11.87	13.04	13.21	–
102	Copper ores	477.76	481.82	459.35	469.13	–	11.54	11.61	12.12	12.36	–
11, 12	COAL MINING	456.55	413.77	456.44	456.07	–	11.50	11.89	12.38	12.14	–
12	BITUMINOUS COAL AND LIGNITE MINING	459.69	414.67	498.04	497.68	–	11.55	11.95	12.42	12.38	–
13	OIL AND GAS EXTRACTION	429.40	427.14	449.20	447.20	–	9.50	9.45	10.14	10.21	–
131, 2	Crude petroleum, natural gas, and natural gas liquids	449.11	443.64	490.53	477.05	–	10.27	10.69	11.82	11.75	–
138	Oil and gas field services	424.10	421.31	436.24	437.33	–	9.14	9.08	9.63	9.74	–
14	NONMETALLIC MINERALS, EXCEPT FUELS	350.78	354.32	366.30	379.28	–	8.12	8.24	8.68	8.80	–
142	Crushed and broken stone	339.82	343.94	358.09	377.08	–	7.83	7.98	8.27	8.57	–
–	CONSTRUCTION	391.09	395.81	415.44	429.00	427.11	10.57	10.64	11.32	11.44	11.42
15	GENERAL BUILDING CONTRACTORS	347.51	350.30	370.13	379.04	–	9.68	9.65	10.31	10.30	–
152	Residential building construction	319.82	319.85	342.01	352.40	–	9.06	8.86	9.58	9.55	–
153	Operative builders	304.56	303.00	312.08	312.16	–	8.39	8.44	8.55	8.28	–
154	Nonresidential building construction	377.78	381.84	397.05	407.36	–	10.35	10.49	11.06	11.13	–
16	HEAVY CONSTRUCTION CONTRACTORS	401.20	406.02	450.96	459.19	–	9.98	10.10	11.08	11.11	–
161	Highway and street construction	368.85	389.57	376.58	401.58	–	9.13	9.41	9.23	9.89	–
162	Heavy construction, except highway	415.04	412.24	475.30	481.52	–	10.35	10.41	11.68	11.46	–
17	SPECIAL TRADE CONTRACTORS	407.21	414.60	420.07	438.37	–	11.28	11.39	11.90	12.11	–
171	Plumbing, heating, air conditioning	424.50	427.89	438.10	450.77	–	11.29	11.38	11.97	12.15	–
172	Painting, paper hanging, decorating	356.72	367.50	361.39	384.30	–	10.40	10.47	10.82	10.98	–
173	Electrical work	482.60	494.25	499.60	513.00	–	12.70	13.11	13.43	13.50	–
174	Masonry, stonework, and plastering	375.45	379.97	384.85	402.87	–	10.82	10.95	11.42	11.61	–
175	Carpentering and flooring	353.98	359.31	350.54	370.73	–	10.32	10.15	10.72	10.94	–
176	Roofing and sheet metal work	314.85	337.34	325.71	356.66	–	9.87	10.01	10.34	10.89	–
–	MANUFACTURING	317.59	320.39	325.85	329.55	333.59	7.92	7.97	8.42	8.45	8.51
24, 25, 32-39	DURABLE GOODS	343.88	346.72	350.45	355.39	359.17	8.47	8.54	8.94	9.02	9.07
20-23, 26-31	NONDURABLE GOODS	279.74	281.64	291.47	293.38	297.22	7.10	7.13	7.65	7.64	7.70
	DURABLE GOODS										
24	LUMBER AND WOOD PRODUCTS	274.03	280.06	270.05	284.16	286.50	6.92	7.09	7.24	7.40	7.50
241	Logging camps and logging contractors	351.78	371.20	327.14	333.23	–	9.02	9.35	9.65	10.06	–
242	Sawmills and planing mills	284.40	291.27	281.25	295.67	–	7.11	7.38	7.52	7.64	–
2421	Sawmills and planing mills, general	299.55	306.83	295.09	310.79	–	7.47	7.69	7.89	8.01	–
2426	Hardwood dimension and flooring	196.71	201.20	196.88	205.35	–	4.98	5.03	5.25	5.32	–
243	Millwork, plywood, and structural members	269.00	276.11	271.32	279.08	–	6.81	6.99	7.14	7.23	–
2431	Millwork	270.97	277.29	279.85	290.08	–	6.86	7.02	7.25	7.40	–
2434	Wood kitchen cabinets	239.51	244.68	253.64	259.24	–	6.27	6.29	6.71	6.84	–
2435	Hardwood veneer and plywood	225.63	228.67	219.21	215.63	–	5.45	5.51	5.83	5.75	–
2436	Softwood veneer and plywood	327.06	339.89	315.84	331.38	–	8.28	8.76	8.40	8.87	–
244	Wood containers	213.49	212.22	207.57	212.39	–	5.46	5.40	5.55	5.56	–
245	Wood buildings and mobile homes	245.97	244.60	246.93	249.54	–	6.49	6.54	6.71	6.69	–
2451	Mobile homes	243.05	242.90	250.13	251.28	–	6.43	6.46	6.67	6.63	–
249	Miscellaneous wood products	238.50	236.19	242.97	242.58	–	5.96	5.89	6.23	6.22	–
25	FURNITURE AND FIXTURES	224.84	229.51	230.39	232.87	236.88	5.84	5.98	6.21	6.26	6.30
251	Household furniture	207.81	211.53	209.51	210.97	–	5.44	5.48	5.74	5.78	–
2511	Wood household furniture	195.16	197.46	192.39	193.50	–	5.03	5.05	5.30	5.36	–
2512	Upholstered household furniture	215.34	220.13	221.96	219.91	–	5.82	5.87	6.20	6.16	–
2514	Metal household furniture	221.26	231.60	232.65	236.90	–	5.63	5.79	5.95	6.09	–
2515	Mattresses and bedsprings	225.33	229.52	229.68	236.43	–	6.09	6.04	6.31	6.39	–
252	Office furniture	254.00	254.16	256.50	260.52	–	6.35	6.37	6.75	6.82	–
253	Public building and related furniture	256.37	269.18	272.20	266.88	–	6.54	6.63	7.07	6.95	–
254	Partitions and fixtures	268.33	276.19	283.49	289.94	–	7.08	7.10	7.48	7.61	–
259	Miscellaneous furniture and fixtures	256.07	259.23	271.66	267.63	–	6.45	6.63	6.86	6.81	–

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		May 1981	June 1981	Apr. 1982	May 1982P	June 1982P	May 1981	June 1981	Apr. 1982	May 1982P	June 1982P
–	TOTAL PRIVATE	35.2	35.4	34.6	34.8	35.0	–	–	–	–	–
–	MINING	43.9	42.3	42.7	42.5	42.0	–	–	–	–	–
10	METAL MINING	40.4	41.4	39.6	39.2	–	–	–	–	–	–
101	Iron ores	38.8	42.8	41.2	38.2	–	–	–	–	–	–
102	Copper ores	41.4	41.5	37.9	38.9	–	–	–	–	–	–
11, 12	COAL MINING	39.7	34.8	40.1	40.2	–	–	–	–	–	–
12	BITUMINOUS COAL AND LIGNITE MINING	39.8	34.7	40.1	40.2	–	–	–	–	–	–
13	OIL AND GAS EXTRACTION	45.2	45.2	44.3	43.8	–	–	–	–	–	–
131, 2	Crude petroleum, natural gas, and natural gas liquids	41.7	41.5	41.5	40.6	–	–	–	–	–	–
138	Oil and gas field services	46.4	46.4	45.3	44.9	–	–	–	–	–	–
14	NONMETALLIC MINERALS, EXCEPT FUELS	43.2	43.0	42.2	43.1	–	–	–	–	–	–
142	Crushed and broken stone	43.4	43.1	43.3	44.0	–	–	–	–	–	–
–	CONSTRUCTION	37.0	37.2	36.7	37.5	37.4	–	–	–	–	–
15	GENERAL BUILDING CONTRACTORS	35.9	36.3	35.9	36.8	–	–	–	–	–	–
152	Residential building construction	35.3	36.1	35.7	36.9	–	–	–	–	–	–
153	Operative builders	36.3	35.9	36.5	37.7	–	–	–	–	–	–
154	Nonresidential building construction	36.5	36.4	35.9	36.6	–	–	–	–	–	–
16	HEAVY CONSTRUCTION CONTRACTORS	40.2	40.2	40.7	40.6	–	–	–	–	–	–
161	Highway and street construction	40.4	41.4	40.8	40.6	–	–	–	–	–	–
162	Heavy construction, except highway	40.1	39.6	40.7	40.6	–	–	–	–	–	–
17	SPECIAL TRADE CONTRACTORS	36.1	36.4	35.3	36.5	–	–	–	–	–	–
171	Plumbing, heating, air conditioning	37.6	37.6	36.6	37.1	–	–	–	–	–	–
172	Painting, paper hanging, decorating	34.5	35.1	33.4	35.0	–	–	–	–	–	–
173	Electrical work	38.0	37.7	37.2	38.0	–	–	–	–	–	–
174	Masonry, stonework, and plastering	34.7	34.7	33.7	34.7	–	–	–	–	–	–
175	Carpentering and flooring	34.3	35.4	32.7	34.2	–	–	–	–	–	–
176	Roofing and sheet metal work	31.9	33.7	31.5	34.0	–	–	–	–	–	–
–	MANUFACTURING	40.1	40.2	38.7	39.0	39.2	2.9	3.0	2.1	2.2	2.3
24, 25, 32-39	DURABLE GOODS	40.6	40.6	39.2	39.4	39.6	3.0	3.0	2.0	2.1	2.3
20-23, 26-31	NONDURABLE GOODS	39.4	39.5	38.1	38.4	38.6	2.9	2.9	2.3	2.4	2.4
	DURABLE GOODS										
24	LUMBER AND WOOD PRODUCTS	39.6	39.5	37.3	38.4	38.2	2.9	2.8	2.1	2.3	–
241	Logging camps and logging contractors	39.0	39.7	33.9	37.1	–	3.7	3.8	1.9	2.8	–
242	Sawmills and planing mills	40.0	39.9	37.4	38.7	–	3.3	3.2	2.5	2.8	–
2421	Sawmills and planing mills, general	40.1	39.9	37.4	38.8	–	3.5	3.3	2.7	3.0	–
2426	Hardwood dimension and flooring	39.5	40.0	37.5	38.6	–	2.5	2.6	1.5	1.7	–
243	Millwork, plywood, and structural members	39.5	39.5	38.0	38.6	–	2.4	2.5	1.8	1.9	–
2431	Millwork	39.5	39.5	38.6	39.2	–	1.9	1.9	1.4	1.5	–
2434	Wood kitchen cabinets	38.2	38.9	37.8	37.9	–	1.3	1.8	1.3	1.4	–
2435	Hardwood veneer and plywood	41.4	41.5	37.6	37.5	–	3.9	3.7	2.1	2.1	–
2436	Softwood veneer and plywood	39.5	38.8	37.6	39.1	–	3.4	3.1	2.5	2.5	–
244	Wood containers	39.1	39.3	37.4	38.2	–	2.6	2.5	1.7	2.0	–
245	Wood buildings and mobile homes	37.9	37.4	36.8	37.3	–	1.8	1.7	1.5	1.6	–
2451	Mobile homes	37.8	37.6	37.5	37.9	–	1.3	1.2	1.7	1.7	–
249	Miscellaneous wood products	40.7	40.1	39.0	39.0	–	2.9	2.8	2.1	2.1	–
25	FURNITURE AND FIXTURES	38.5	38.9	37.1	37.2	37.6	1.9	2.0	1.3	1.3	–
251	Household furniture	38.2	38.6	36.5	36.5	–	1.9	1.8	1.0	1.2	–
2511	Wood household furniture	38.8	39.1	36.3	36.1	–	2.0	1.9	1.1	1.2	–
2512	Upholstered household furniture	37.0	37.5	35.6	35.7	–	1.1	1.3	.6	.5	–
2514	Metal household furniture	39.3	40.0	39.1	38.9	–	3.3	2.9	1.9	2.4	–
2515	Mattresses and bedsprings	37.0	38.0	36.4	37.0	–	1.7	1.8	1.0	1.2	–
252	Office furniture	40.0	39.9	38.0	38.2	–	2.5	2.7	1.6	1.7	–
253	Public building and related furniture	39.2	40.6	38.5	38.4	–	2.4	2.5	1.6	1.5	–
254	Partitions and fixtures	37.9	38.9	37.9	38.1	–	1.9	2.4	1.6	1.7	–
259	Miscellaneous furniture and fixtures	39.7	39.1	39.6	39.3	–	1.8	1.5	1.9	1.6	–

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		May 1981	June 1981	Apr. 1982	May 1982P	June 1982P	May 1981	June 1981	Apr. 1982	May 1982P	June 1982P
32	STONE, CLAY, AND GLASS PRODUCTS	$337.02	$342.37	$347.93	$355.52	$361.42	$8.20	$8.31	$8.72	$8.90	$8.88
321	Flat glass	440.50	483.76	489.77	507.07	-	10.64	11.07	11.47	11.63	-
322	Glass and glassware, pressed or blown	360.39	360.67	371.45	379.89	-	8.79	8.84	9.38	9.45	-
3221	Glass containers	385.54	387.09	391.82	408.29	-	9.29	9.35	9.82	9.91	-
3229	Pressed and blown glass, nec	324.01	322.79	341.43	337.56	-	8.06	8.09	8.71	8.70	-
323	Products of purchased glass	296.40	295.47	315.22	320.80	-	7.41	7.35	7.94	7.98	-
324	Cement, hydraulic	459.41	476.35	497.70	514.60	-	11.26	11.59	12.08	12.46	-
325	Structural clay products	266.34	270.80	287.03	290.97	-	6.56	6.67	7.23	7.22	-
326	Pottery and related products	268.49	268.62	278.02	282.90	-	6.78	6.87	7.24	7.31	-
327	Concrete, gypsum, and plaster products	338.97	344.40	345.14	352.26	-	8.09	8.20	8.48	8.55	-
3271	Concrete block and brick	314.89	314.49	314.23	325.13	-	7.34	7.47	7.59	7.65	-
3272	Concrete products, nec	298.91	307.94	313.70	318.66	-	7.10	7.28	7.67	7.66	-
3273	Ready-mixed concrete	367.69	373.27	370.66	380.84	-	8.99	9.06	9.36	9.45	-
329	Misc. nonmetallic mineral products	334.54	339.49	334.84	338.84	-	8.12	8.22	8.52	8.60	-
3291	Abrasive products	321.36	320.33	317.30	324.23	-	7.80	7.89	8.35	8.51	-
3292	Asbestos products	348.19	354.05	330.66	342.13	-	8.31	8.37	8.67	8.75	-
33	PRIMARY METAL INDUSTRIES	436.81	439.68	434.99	430.11	443.39	10.68	10.75	11.24	11.23	11.34
331	Blast furnace and basic steel products	504.68	505.51	504.24	491.61	-	12.40	12.39	13.20	13.18	-
3312	Blast furnaces and steel mills	520.76	521.24	524.26	509.49	-	12.89	12.87	13.76	13.77	-
3317	Steel pipe and tubes	428.08	427.38	411.34	403.56	-	10.12	10.20	10.74	10.62	-
332	Iron and steel foundries	357.40	365.48	352.50	351.17	-	8.98	9.16	9.40	9.44	-
3321	Gray iron foundries	361.03	377.20	354.89	358.08	-	9.21	9.43	9.54	9.60	-
3322	Malleable iron foundries	373.18	379.06	381.56	385.72	-	9.52	9.67	10.23	10.31	-
3325	Steel foundries, nec	350.66	343.31	343.52	331.03	-	8.47	8.54	9.08	9.02	-
333	Primary nonferrous metals	480.46	491.47	508.47	512.27	-	11.69	11.90	12.68	12.68	-
3334	Primary aluminum	515.42	522.34	545.80	547.29	-	12.48	12.74	13.51	13.48	-
335	Nonferrous rolling and drawing	406.73	410.31	406.42	407.63	-	9.57	9.70	10.06	10.14	-
3351	Copper rolling and drawing	368.93	366.37	349.60	352.44	-	8.54	8.58	8.74	8.90	-
3353	Aluminum sheet, plate, and foil	514.11	535.82	548.22	559.24	-	12.04	12.49	13.21	13.64	-
3357	Nonferrous wire drawing and insulating	371.36	368.26	371.45	365.32	-	8.80	8.81	9.24	9.21	-
336	Nonferrous foundries	323.57	323.58	324.31	330.46	-	7.95	7.97	8.38	8.43	-
3361	Aluminum foundries	332.11	329.67	332.13	338.30	-	8.14	8.14	8.56	8.63	-
34	FABRICATED METAL PRODUCTS	332.11	335.78	338.91	346.33	349.27	8.16	8.23	8.69	8.79	8.82
341	Metal cans and shipping containers	471.73	478.51	456.05	469.48	-	10.77	10.90	11.59	11.67	-
3411	Metal cans	489.92	496.57	517.29	520.30	-	11.16	11.26	12.03	12.10	-
342	Cutlery, hand tools, and hardware	312.82	315.21	316.36	325.33	-	7.84	7.90	8.26	8.45	-
3423, 5	Hand and edge tools, and hand saws and blades	297.60	298.28	297.16	296.32	-	7.44	7.42	7.82	7.86	-
3429	Hardware, nec	328.75	331.89	331.68	348.54	-	8.26	8.36	8.66	8.96	-
343	Plumbing and heating, except electric	280.35	287.89	297.61	294.50	-	7.17	7.27	7.71	7.75	-
3432	Plumbing fittings and brass goods	274.00	282.40	288.67	285.34	-	6.85	6.99	7.44	7.45	-
3433	Heating equipment, except electric	273.56	283.42	299.93	297.97	-	7.18	7.23	7.75	7.78	-
344	Fabricated structural metal products	315.97	317.58	327.71	338.77	-	7.86	7.90	8.49	8.54	-
3441	Fabricated structural metal	335.36	335.79	346.33	357.29	-	8.12	8.19	8.79	8.91	-
3442	Metal doors, sash, and trim	248.96	252.41	254.55	266.06	-	6.40	6.39	6.77	6.77	-
3443	Fabricated plate work (boiler shops)	352.19	351.65	371.15	371.78	-	8.59	8.64	9.42	9.46	-
3444	Sheet metal work	314.82	318.75	330.53	335.34	-	7.97	8.09	8.63	8.71	-
3446	Architectural metal work	290.60	292.47	306.91	315.90	-	7.32	7.33	7.91	8.10	-
345	Screw machine products, bolts, etc.	312.53	315.29	309.89	317.07	-	7.66	7.69	8.07	8.13	-
3451	Screw machine products	284.80	286.22	292.47	294.45	-	7.12	7.12	7.48	7.55	-
3452	Bolts, nuts, rivets, and washers	338.21	341.94	326.59	339.78	-	8.13	8.20	8.64	8.69	-
346	Metal forgings and stampings	395.50	403.37	392.83	406.63	-	9.53	9.65	9.92	10.09	-
3462	Iron and steel forgings	412.68	413.11	413.11	425.80	-	10.09	10.15	10.73	10.89	-
3465	Automotive stampings	496.50	510.12	462.65	501.40	-	11.44	11.62	11.63	11.77	-
3469	Metal stampings, nec	287.68	292.58	297.20	302.23	-	7.21	7.26	7.78	7.85	-
347	Metal services, nec	264.31	264.31	267.11	269.04	-	6.51	6.51	6.92	6.97	-
3471	Plating and polishing	254.63	255.27	263.04	264.11	-	6.43	6.43	6.85	6.86	-
3479	Metal coating and allied services	286.33	284.33	276.12	279.03	-	6.69	6.69	7.08	7.21	-
348	Ordnance and accessories, nec	334.15	331.30	360.45	363.04	-	8.15	8.14	8.90	8.92	-
3483	Ammunition, exc. for small arms, nec	295.07	294.08	323.60	329.26	-	7.47	7.56	8.09	8.09	-
349	Misc. fabricated metal products	308.21	310.27	311.71	317.63	-	7.61	7.68	8.16	8.25	-
3494	Valves and pipe fittings	334.12	329.27	335.14	335.23	-	8.09	8.13	8.66	8.73	-
3496	Misc. fabricated wire products	268.80	275.52	267.75	274.18	-	6.67	6.72	7.14	7.14	-
35	MACHINERY, EXCEPT ELECTRICAL	359.68	361.27	367.75	367.49	369.86	8.73	8.79	9.24	9.28	9.34
351	Engines and turbines	436.56	440.78	434.60	435.34	-	10.70	10.83	11.23	11.22	-
3511	Turbines and turbine generator sets	383.66	395.11	415.36	416.08	-	9.52	9.78	10.41	10.40	-
3519	Internal combustion engines, nec	457.56	458.18	444.27	442.72	-	11.16	11.23	11.63	11.62	-
352	Farm and garden machinery	395.52	400.77	397.77	406.61	-	9.79	9.92	10.07	10.32	-
3523	Farm machinery and equipment	413.31	413.91	420.79	434.32	-	10.18	10.22	10.68	10.94	-
353	Construction and related machinery	397.94	397.57	415.54	404.19	-	9.52	9.58	10.16	10.13	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		May 1981	June 1981	Apr. 1982	May 1982P	June 1982P	May 1981	June 1981	Apr. 1982	May 1982P	June 1982P
32	STONE, CLAY, AND GLASS PRODUCTS	41.1	41.2	39.9	40.4	40.7	3.9	4.1	3.4	3.5	-
321	Flat glass	41.4	43.7	42.7	43.6	-	3.7	5.1	3.9	4.4	-
322	Glass and glassware, pressed or blown	41.0	40.8	39.6	40.2	-	3.9	4.2	4.0	3.9	-
3221	Glass containers	41.5	41.4	39.9	41.2	-	4.3	4.7	4.9	4.8	-
3229	Pressed and blown glass, nec	40.2	39.9	39.2	38.8	-	3.4	3.5	2.7	2.6	-
323	Products of purchased glass	40.0	40.2	39.7	40.2	-	3.1	3.2	2.3	3.0	-
324	Cement, hydraulic	40.8	41.1	41.2	41.3	-	3.2	3.1	2.8	2.7	-
325	Structural clay products	40.6	40.6	39.7	40.3	-	3.0	3.0	2.4	2.4	-
326	Pottery and related products	39.6	39.1	38.4	38.7	-	2.0	1.8	1.8	1.7	-
327	Concrete, gypsum, and plaster products	41.9	42.0	40.7	41.2	-	5.3	5.3	4.7	4.9	-
3271	Concrete block and brick	42.9	42.1	41.4	42.5	-	5.2	4.8	4.1	5.0	-
3272	Concrete products, nec	42.1	42.3	40.9	41.6	-	4.6	4.8	4.3	4.4	-
3273	Ready-mixed concrete	40.9	41.2	39.6	40.3	-	5.4	5.6	4.9	5.2	-
329	Misc. nonmetallic mineral products	41.2	41.3	39.3	39.4	-	3.4	3.6	2.4	2.4	-
3291	Abrasive products	41.2	40.6	38.0	38.1	-	3.0	3.1	1.5	1.4	-
3292	Asbestos products	41.9	42.3	38.6	39.1	-	3.1	3.6	1.8	1.9	-
33	PRIMARY METAL INDUSTRIES	40.9	40.9	38.7	38.3	39.1	3.2	3.3	1.9	1.9	-
331	Blast furnace and basic steel products	40.7	40.8	38.2	37.3	-	2.9	3.0	1.4	1.2	-
3312	Blast furnaces and steel mills	40.4	40.5	38.1	37.0	-	2.7	2.8	1.3	1.2	-
3317	Steel pipe and tubes	42.3	41.9	38.3	38.0	-	4.6	4.4	2.2	1.5	-
332	Iron and steel foundries	39.8	39.9	37.5	37.2	-	3.0	3.2	1.8	2.0	-
3321	Gray iron foundries	39.2	40.0	37.2	37.3	-	3.1	3.6	1.9	2.3	-
3322	Malleable iron foundries	39.2	39.2	37.3	37.8	-	2.4	2.6	1.8	1.9	-
3325	Steel foundries, nec	41.4	40.2	38.0	36.7	-	3.0	2.6	1.5	1.3	-
333	Primary nonferrous metals	41.1	41.3	40.1	40.4	-	3.2	3.3	2.8	2.6	-
3334	Primary aluminum	41.3	41.0	40.4	40.6	-	3.5	3.5	3.9	3.1	-
335	Nonferrous rolling and drawing	42.5	42.3	40.4	40.2	-	4.8	4.7	3.0	2.8	-
3351	Copper rolling and drawing	43.2	42.7	40.0	39.6	-	5.5	4.9	2.6	2.5	-
3353	Aluminum sheet, plate and foil	42.7	42.9	41.5	41.0	-	5.9	6.0	4.3	4.1	-
3357	Nonferrous wire drawing and insulating	42.2	41.8	40.2	40.1	-	4.8	4.7	2.9	2.7	-
336	Nonferrous foundries	40.7	40.6	38.7	39.2	-	2.6	2.7	1.7	1.9	-
3361	Aluminum foundries	40.8	40.5	38.8	39.2	-	2.8	2.9	1.9	1.9	-
34	FABRICATED METAL PRODUCTS	40.7	40.8	39.0	39.4	39.6	2.9	3.1	1.9	2.1	-
341	Metal cans and shipping containers	43.8	43.9	42.8	42.8	-	4.5	4.9	3.9	3.9	-
3411	Metal cans	43.9	44.1	43.0	43.0	-	4.3	4.7	3.9	3.9	-
342	Cutlery, hand tools, and hardware	39.9	39.9	38.3	38.5	-	2.6	2.6	1.1	1.4	-
3423, 5	Hand and edge tools, and hand saws and blades	40.0	40.2	38.0	37.7	-	2.5	2.5	1.1	1.0	-
3429	Hardware, nec	39.8	39.7	38.3	38.9	-	2.8	2.8	1.0	1.6	-
343	Plumbing and heating, except electric	39.1	39.6	38.6	38.0	-	1.7	2.2	1.1	1.1	-
3432	Plumbing fittings and brass goods	40.0	40.4	38.8	38.3	-	2.2	2.7	1.2	1.4	-
3433	Heating equipment, except electric	38.1	39.2	38.7	38.3	-	1.1	1.6	1.0	.8	-
344	Fabricated structural metal products	40.2	40.2	38.6	39.2	-	2.5	2.7	1.8	2.0	-
3441	Fabricated structural metal	41.3	41.0	39.4	40.1	-	2.9	2.9	2.1	2.4	-
3442	Metal doors, sash, and trim	38.9	39.5	37.6	39.3	-	2.1	2.2	1.4	1.9	-
3443	Fabricated plate work (boiler shops)	41.0	40.7	39.4	39.3	-	2.9	3.0	2.0	1.9	-
3444	Sheet metal work	39.5	39.4	38.3	38.5	-	2.3	2.4	1.7	1.8	-
3446	Architectural metal work	39.7	39.9	38.8	39.0	-	1.8	2.2	1.7	1.7	-
345	Screw machine products, bolts, etc.	40.8	41.0	38.4	39.0	-	3.1	3.1	1.5	1.5	-
3451	Screw machine products	40.0	40.2	39.1	39.0	-	2.8	2.9	1.7	1.6	-
3452	Bolts, nuts, rivets, and washers	41.6	41.7	37.8	39.1	-	3.3	3.3	1.2	1.5	-
348	Metal forgings and stampings	41.5	41.8	39.6	40.3	-	3.9	4.2	2.3	2.9	-
3482	Iron and steel forgings	40.9	40.7	38.5	39.1	-	3.3	3.4	1.8	2.1	-
3485	Automotive stampings	43.4	43.9	41.5	42.6	-	5.4	5.9	3.3	4.4	-
3489	Metal stampings, nec	39.9	40.3	38.2	38.5	-	2.6	2.8	1.6	1.7	-
347	Metal services, nec	40.6	40.6	38.6	38.6	-	2.8	2.8	2.2	2.2	-
3471	Plating and polishing	39.6	39.7	38.4	38.5	-	2.7	2.9	2.2	2.2	-
3479	Metal coating and allied services	42.8	42.5	39.0	38.7	-	2.9	2.7	2.2	2.2	-
348	Ordnance and accessories, nec	41.0	40.7	40.5	40.7	-	2.7	2.7	2.4	2.4	-
3483	Ammunition, exc. for small arms, nec	39.5	38.9	40.0	40.7	-	1.7	1.8	1.6	1.9	-
349	Misc. fabricated metal products	40.5	40.4	38.2	38.5	-	2.8	2.9	1.5	1.5	-
3494	Valves and pipe fittings	41.3	40.5	38.7	38.4	-	3.5	3.2	1.8	1.5	-
3496	Misc. fabricated wire products	40.3	41.0	37.5	38.4	-	2.5	2.9	1.4	1.4	-
35	MACHINERY, EXCEPT ELECTRICAL	41.2	41.1	39.8	39.6	39.6	3.3	3.4	2.1	2.0	-
351	Engines and turbines	40.8	40.7	38.7	38.8	-	3.4	3.5	1.1	1.2	-
3511	Turbines and turbine generator sets	40.3	40.4	39.9	40.2	-	3.1	3.4	2.5	2.5	-
3519	Internal combustion engines, nec	41.0	40.8	38.2	38.1	-	3.5	3.5	.5	.6	-
352	Farm and garden machinery	40.4	40.4	39.5	39.4	-	3.4	3.4	1.7	1.8	-
3523	Farm machinery and equipment	40.6	40.5	39.4	39.7	-	3.7	3.7	1.8	2.0	-
353	Construction and related machinery	41.8	41.5	40.9	39.9	-	3.5	3.5	2.2	1.9	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		May 1981	June 1981	Apr. 1982	May 1982p	June 1982p	May 1981	June 1981	Apr. 1982	May 1982p	June 1982p
	MACHINERY, EXCEPT ELECTRICAL—Continued										
3531	Construction machinery	$433.61	$434.00	$462.24	$440.45	-	$10.68	$10.85	$11.47	$11.47	-
3532	Mining machinery	382.96	384.56	398.11	351.26	-	9.55	9.59	10.13	10.16	-
3533	Oil field machinery	410.87	404.10	422.26	411.45	-	9.03	9.00	9.82	9.75	-
3535	Conveyers and conveying equipment	324.92	332.59	342.68	343.26	-	8.31	8.42	8.61	8.69	-
3537	Industrial trucks and tractors	311.42	320.10	325.88	327.49	-	8.11	8.25	8.69	8.78	-
354	Metalworking machinery	371.65	374.17	376.91	375.41	-	8.87	8.93	9.47	9.48	-
3541	Machine tools, metal cutting types	380.70	382.69	382.78	375.39	-	9.00	9.09	9.74	9.70	-
3542	Machine tools, metal forming types	366.51	366.03	377.48	372.25	-	9.14	9.22	9.96	9.98	-
3544	Special dies, tools, jigs, and fixtures	400.35	404.89	406.37	408.00	-	9.42	9.46	9.96	10.00	-
3545	Machine tool accessories	336.54	336.19	333.80	331.30	-	8.09	8.16	8.67	8.65	-
3546	Power driven hand tools	283.35	280.91	304.18	299.15	-	7.21	7.24	7.74	7.77	-
355	Special industry machinery	333.73	334.55	349.58	352.54	-	8.12	8.14	8.85	8.88	-
3551	Food products machinery	349.25	348.35	362.22	373.86	-	8.56	8.58	9.17	9.30	-
3552	Textile machinery	265.58	272.24	267.08	268.28	-	6.59	6.64	7.01	7.06	-
3555	Printing trades machinery	353.98	351.88	367.23	360.64	-	8.29	8.26	9.25	9.13	-
356	General industrial machinery	355.47	355.42	355.16	359.72	-	8.67	8.69	9.13	9.20	-
3561	Pumps and pumping equipment	354.24	354.97	359.08	365.16	-	8.79	8.83	9.40	9.46	-
3562	Ball and roller bearings	365.06	364.17	354.32	352.56	-	8.61	8.65	8.97	9.11	-
3563	Air and gas compressors	380.87	387.66	381.40	403.57	-	9.09	9.23	9.83	9.95	-
3564	Blowers and fans	317.18	318.33	337.68	341.47	-	7.89	7.86	8.40	8.39	-
3566	Speed changers, drives, and gears	410.01	406.39	365.18	369.98	-	9.67	9.63	9.61	9.66	-
3568	Power transmission equipment, nec	343.21	344.45	334.14	328.48	-	8.29	8.30	8.77	8.69	-
357	Office and computing machines	303.32	305.78	317.83	323.90	-	7.38	7.44	7.79	7.90	-
3573	Electronic computing equipment	300.94	303.73	316.52	325.78	-	7.34	7.39	7.72	7.85	-
358	Refrigeration and service machinery	316.36	320.78	333.66	337.45	-	7.85	7.94	8.49	8.50	-
3585	Refrigeration & heating equipment	326.01	332.93	345.31	344.92	-	8.01	8.14	8.72	8.71	-
359	Misc. machinery, except electrical	345.63	346.01	350.27	348.27	-	8.43	8.46	8.89	8.93	-
3592	Carburetors, pistons, rings, valves	410.85	412.68	416.47	400.38	-	9.90	10.09	10.36	10.24	-
3599	Machinery, except electrical, nec	335.79	335.38	340.73	340.47	-	8.19	8.20	8.67	8.73	-
36	ELECTRIC AND ELECTRONIC EQUIPMENT	301.15	303.91	313.17	315.95	$318.75	7.51	7.56	8.03	8.06	$8.09
361	Electric distributing equipment	299.09	300.00	298.32	301.42	-	7.44	7.50	7.83	7.87	-
3612	Transformers	296.53	294.44	293.36	301.86	-	7.25	7.27	7.72	7.74	-
3613	Switchgear and switchboard apparatus	300.96	304.52	302.93	300.85	-	7.60	7.69	7.93	7.98	-
362	Electrical industrial apparatus	318.61	320.17	312.48	319.71	-	7.79	7.79	8.18	8.24	-
3621	Motors and generators	318.24	319.02	315.79	329.11	-	7.80	7.80	8.16	8.29	-
3622	Industrial controls	301.68	303.91	294.62	294.75	-	7.58	7.56	7.92	7.86	-
363	Household appliances	294.84	297.92	302.44	295.42	-	7.56	7.60	7.98	7.92	-
3632	Household refrigerators and freezers	336.40	341.73	362.31	332.88	-	8.67	8.74	9.29	9.12	-
3633	Household laundry equipment	343.77	348.93	359.28	361.95	-	8.86	8.97	9.53	9.55	-
3634	Electric housewares and fans	231.46	231.08	228.41	231.13	-	5.95	5.91	6.19	6.18	-
364	Electric lighting and wiring equipment	280.40	281.60	296.77	302.99	-	7.01	7.04	7.59	7.69	-
3641	Electric lamps	312.35	314.77	333.43	336.44	-	7.77	7.83	8.42	8.39	-
3643	Current-carrying wiring devices	267.55	266.90	280.60	283.61	-	6.59	6.59	7.14	7.18	-
3644	Noncurrent-carrying wiring devices	295.08	301.39	294.10	291.78	-	7.25	7.28	7.76	7.76	-
3645	Residential lighting fixtures	216.01	217.14	231.57	230.49	-	5.64	5.64	6.11	6.13	-
365	Radio and TV receiving equipment	276.98	281.00	297.97	292.11	-	7.03	7.15	7.66	7.49	-
3651	Radio and TV receiving sets	286.69	288.99	301.82	298.38	-	7.37	7.41	7.86	7.71	-
366	Communication equipment	344.61	347.54	370.94	375.20	-	8.53	8.56	9.32	9.38	-
3661	Telephone and telegraph apparatus	357.35	359.10	375.09	372.40	-	8.78	8.78	9.52	9.50	-
3662	Radio and TV communication equipment	335.64	340.17	368.92	376.12	-	8.37	8.42	9.20	9.31	-
367	Electronic components and accessories	260.80	265.86	274.79	278.16	-	6.52	6.63	7.01	7.06	-
3671,3	Electronic tubes	332.52	335.36	356.25	360.93	-	8.15	8.26	8.84	8.89	-
3674	Semiconductors and related devices	297.27	313.59	308.44	313.21	-	7.34	7.63	7.97	7.99	-
3679	Electronic components, nec	243.18	244.77	261.23	263.87	-	6.11	6.15	6.58	6.63	-
369	Misc. electrical equipment and supplies	344.25	346.72	343.96	349.44	-	8.50	8.54	8.73	8.78	-
3691	Storage batteries	335.64	338.04	343.42	348.93	-	8.37	8.43	8.92	8.97	-
3694	Engine electrical equipment	388.80	393.56	368.83	373.84	-	9.72	9.79	9.58	9.66	-
37	TRANSPORTATION EQUIPMENT	429.73	432.63	441.05	454.69	464.39	10.33	10.45	10.89	11.09	11.19
371	Motor vehicles and equipment	464.62	469.56	465.61	487.89	-	11.01	11.18	11.44	11.70	-
3711	Motor vehicles and car bodies	521.79	522.86	529.31	556.29	-	12.22	12.39	12.91	13.12	-
3713	Truck and bus bodies	345.60	364.10	362.20	365.71	-	8.64	8.99	9.01	9.12	-
3714	Motor vehicle parts and accessories	440.11	446.69	437.93	458.02	-	10.38	10.56	10.76	11.01	-
3715	Truck trailers	278.60	280.10	302.54	296.66	-	7.39	7.41	7.92	7.89	-
372	Aircraft and parts	421.64	421.67	446.07	452.23	-	10.16	10.21	10.96	11.03	-
3721	Aircraft	437.60	437.78	464.54	473.69	-	10.57	10.60	11.47	11.61	-
3724	Aircraft engines and engine parts	414.10	412.80	444.29	440.36	-	10.25	10.32	10.97	10.90	-
3728	Aircraft equipment, nec	396.76	397.03	413.59	423.19	-	9.27	9.32	9.99	10.10	-
373	Ship and boat building and repairing	359.86	353.20	380.65	383.04	-	8.82	8.83	9.54	9.60	-
3731	Shipbuilding and repairing	373.01	366.68	400.79	-	-	9.21	9.19	9.97	-	-
3732	Boat building and repairing	307.75	302.25	304.20	301.86	-	7.38	7.50	7.80	7.76	-
374	Railroad equipment	423.44	419.82	424.85	432.43	-	10.72	10.82	11.39	11.44	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		May 1981	June 1981	Apr. 1982	May 1982P	June 1982P	May 1981	June 1981	Apr. 1982	May 1982P	June 1982P
	MACHINERY, EXCEPT ELECTRICAL—Continued										
3531	Construction machinery	40.6	40.0	40.3	38.4	-	2.0	1.8	0.9	0.7	-
3532	Mining machinery	40.1	40.1	39.3	39.1	-	2.1	2.1	1.5	1.3	-
3533	Oil field machinery	45.5	44.9	43.0	42.2	-	6.4	6.3	3.8	3.0	-
3535	Conveyors and conveying equipment	39.1	39.5	39.8	39.5	-	2.4	2.9	2.1	2.1	-
3537	Industrial trucks and tractors	38.4	38.8	37.5	37.3	-	2.1	2.7	1.1	1.3	-
354	Metalworking machinery	41.9	41.9	39.8	39.6	-	4.3	4.2	2.8	2.6	-
3541	Machine tools, metal cutting types	42.3	42.1	39.3	38.7	-	4.8	4.8	2.2	1.5	-
3542	Machine tools, metal forming types	40.1	39.7	37.9	37.3	-	3.0	2.7	1.4	1.4	-
3544	Special dies, tools, jigs, and fixtures	42.5	42.8	40.8	40.8	-	5.2	5.0	4.1	4.1	-
3545	Machine tool accessories	41.6	41.2	38.5	38.3	-	3.6	3.4	1.5	1.2	-
3546	Power driven hand tools	39.3	38.8	39.3	38.5	-	1.9	2.1	1.6	1.4	-
355	Special industry machinery	41.1	41.1	39.5	39.7	-	2.8	2.8	2.2	2.0	-
3551	Food products machinery	40.8	40.6	39.5	40.2	-	2.1	2.2	2.0	2.1	-
3552	Textile machinery	40.3	41.0	38.1	36.0	-	2.1	2.2	.9	.9	-
3555	Printing trades machinery	42.7	42.6	39.7	39.5	-	3.8	3.7	2.8	2.6	-
356	General industrial machinery	41.0	40.9	38.9	39.1	-	3.2	3.2	1.6	1.6	-
3561	Pumps and pumping equipment	40.3	40.2	38.2	38.6	-	3.1	3.0	1.5	1.4	-
3562	Ball and roller bearings	42.4	42.1	39.5	38.7	-	3.9	3.6	1.8	1.4	-
3563	Air and gas compressors	41.9	42.0	38.8	40.6	-	3.3	3.3	2.1	2.6	-
3564	Blowers and fans	40.2	40.5	40.2	40.7	-	2.9	3.2	2.2	2.1	-
3566	Speed changers, drives, and gears	42.4	42.2	38.0	38.3	-	4.3	4.4	1.0	1.0	-
3568	Power transmission equipment, nec	41.4	41.5	38.1	37.8	-	3.5	4.1	1.0	1.1	-
357	Office and computing machines	41.1	41.1	40.8	41.0	-	2.4	2.6	1.9	2.2	-
3573	Electronic computing equipment	41.0	41.1	41.0	41.5	-	2.5	2.7	2.0	2.4	-
358	Refrigeration and service machinery	40.3	40.4	39.3	39.7	-	2.5	2.7	1.6	1.9	-
3585	Refrigeration and heating equipment	40.7	40.9	39.6	39.6	-	2.4	2.8	1.7	1.6	-
359	Misc. machinery, except electrical	41.0	40.9	39.4	39.0	-	3.7	3.9	2.7	2.4	-
3592	Carburetors, pistons, rings, valves	41.5	40.9	40.2	39.1	-	2.9	3.3	2.4	1.7	-
3599	Machinery, except electrical, nec	41.0	40.9	39.3	39.0	-	3.9	4.0	2.7	2.5	-
36	**ELECTRIC AND ELECTRONIC EQUIPMENT**	40.1	40.2	39.0	39.2	39.4	2.3	2.3	1.5	1.7	-
361	Electric distributing equipment	40.2	40.0	38.1	38.3	-	2.7	2.7	1.4	1.5	-
3612	Transformers	40.9	40.5	38.0	39.0	-	2.7	2.6	1.5	1.6	-
3613	Switchgear and switchboard apparatus	39.6	39.6	38.2	37.7	-	2.7	2.8	1.3	1.3	-
362	Electrical industrial apparatus	40.9	41.1	38.2	38.8	-	2.8	2.9	1.4	1.6	-
3621	Motors and generators	40.8	40.9	38.7	39.7	-	2.8	3.0	1.5	1.9	-
3622	Industrial controls	39.8	40.2	37.2	37.5	-	2.0	2.3	.9	1.0	-
363	Household appliances	39.0	39.2	37.9	37.3	-	1.6	1.8	1.0	1.1	-
3632	Household refrigerators and freezers	38.8	39.1	39.0	38.5	-	1.5	1.5	1.1	1.0	-
3633	Household laundry equipment	38.8	38.9	37.7	37.9	-	.7	1.1	.6	.5	-
3634	Electric housewares and fans	38.9	39.1	36.9	37.4	-	1.5	1.8	1.0	.9	-
364	Electric lighting and wiring equipment	40.0	40.0	39.1	39.4	-	2.3	2.4	1.5	1.8	-
3641	Electric lamps	40.2	40.2	39.6	40.1	-	2.0	2.2	1.5	1.5	-
3643	Current-carrying wiring devices	40.6	40.5	39.3	39.5	-	2.9	2.8	1.6	1.9	-
3644	Noncurrent-carrying wiring devices	40.7	41.4	37.9	37.6	-	2.5	2.8	1.0	.8	-
3645	Residential lighting fixtures	38.3	38.5	37.9	37.6	-	1.5	1.5	1.1	1.0	-
365	Radio and TV receiving equipment	39.4	39.3	38.9	39.0	-	1.9	1.5	.9	1.1	-
3651	Radio and TV receiving sets	38.9	39.0	38.4	38.7	-	1.8	1.7	.7	1.2	-
366	Communication equipment	40.4	40.6	39.8	40.0	-	2.1	2.2	1.6	1.7	-
3661	Telephone and telegraph apparatus	40.7	40.9	39.4	39.2	-	2.2	2.1	1.4	1.1	-
3662	Radio and TV communication equipment	40.1	40.4	40.1	40.4	-	2.0	2.2	1.7	2.0	-
367	Electronic components and accessories	40.0	40.1	39.2	39.4	-	2.3	2.3	1.9	2.1	-
3671 3	Electronic tubes	40.8	40.6	40.3	40.6	-	1.8	1.9	1.6	1.7	-
3674	Semiconductors and related devices	40.5	41.1	38.7	39.2	-	2.4	2.5	2.0	2.4	-
3679	Electronic components, nec	39.8	39.8	39.7	39.8	-	2.4	2.4	2.0	2.1	-
369	Misc. electrical equipment and supplies	40.5	40.6	39.4	39.8	-	2.5	2.4	1.8	1.9	-
3691	Storage batteries	40.1	40.1	38.5	38.9	-	1.9	2.0	1.2	1.5	-
3694	Engine electrical equipment	40.0	40.2	38.5	38.7	-	2.4	2.3	1.5	1.8	-
37	**TRANSPORTATION EQUIPMENT**	41.6	41.8	40.5	41.0	41.5	3.7	3.6	2.5	3.0	-
371	Motor vehicles and equipment	42.2	42.0	40.7	41.7	-	4.1	4.0	2.4	3.4	-
3711	Motor vehicles and car bodies	42.7	42.2	41.0	42.4	-	4.6	4.1	2.3	3.6	-
3713	Truck and bus bodies	40.0	40.5	40.2	40.1	-	2.5	3.4	1.8	1.9	-
3714	Motor vehicle parts and accessories	42.4	42.3	40.7	41.6	-	4.0	4.1	2.7	3.5	-
3715	Truck trailers	37.7	37.8	38.2	37.6	-	1.7	1.6	.9	.6	-
372	Aircraft and parts	41.5	41.3	40.7	41.0	-	3.5	3.5	2.7	2.9	-
3721	Aircraft	41.4	41.3	40.5	40.8	-	3.1	3.2	2.2	2.3	-
3724	Aircraft engines and engine parts	40.4	40.0	40.5	40.4	-	3.4	3.3	3.0	3.1	-
3728	Aircraft equipment, nec	42.8	42.6	41.4	41.9	-	4.4	4.4	3.3	3.3	-
373	Ship and boat building and repairing	40.8	40.0	39.9	39.9	-	3.6	3.3	2.4	2.6	-
3731	Ship building and repairing	40.5	39.9	40.2	-	-	3.8	3.2	2.6	-	-
3732	Boat building and repairing	41.7	40.3	39.0	38.9	-	4.3	3.6	1.8	1.5	-
374	Railroad equipment	39.5	38.8	37.3	37.8	-	2.1	2.9	1.2	1.5	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		May 1981	June 1981	Apr. 1982	May 1982P	June 1982P	May 1981	June 1981	Apr. 1982	May 1982P	June 1982P
	TRANSPORTATION EQUIPMENT—Continued										
376	Guided missiles, space vehicles, parts	$401.88	$413.25	$428.13	$440.10	-	$9.85	$9.91	$10.65	$10.84	-
3761	Guided missiles and space vehicles	408.44	422.69	434.62	449.56	-	10.11	10.21	10.92	11.11	-
379	Miscellaneous transportation equipment	302.74	299.25	358.52	365.03	-	7.42	7.50	8.66	8.86	-
3792	Travel trailers and campers	266.23	256.23	299.83	302.61	-	6.74	6.69	7.61	7.70	-
38	INSTRUMENTS AND RELATED PRODUCTS	294.19	296.13	318.77	327.60	$325.56	7.30	7.33	8.07	8.19	$8.18
381	Engineering and scientific instruments	312.83	317.24	332.07	332.83	-	7.63	7.70	8.24	8.30	-
382	Measuring and controlling devices	290.48	291.77	317.49	337.64	-	7.19	7.24	8.12	8.42	-
3822	Environmental controls	267.34	272.53	288.77	290.68	-	6.82	6.97	7.52	7.55	-
3823	Process control instruments	307.44	310.86	324.00	332.93	-	7.20	7.28	8.00	8.16	-
3825	Instruments to measure electricity	296.46	298.23	341.73	380.14	-	7.43	7.43	8.74	9.34	-
383	Optical instruments and lenses	301.84	311.89	329.11	334.46	-	7.70	7.72	8.29	8.32	-
384	Medical instruments and supplies	252.57	253.76	268.41	272.65	-	6.33	6.36	6.90	6.92	-
3841	Surgical and medical instruments	253.53	253.53	275.58	278.78	-	6.26	6.26	7.03	7.04	-
3842	Surgical appliances and supplies	251.66	254.63	262.87	268.52	-	6.42	6.43	6.81	6.85	-
385	Ophthalmic goods	224.07	223.20	230.44	234.21	-	5.56	5.58	5.97	5.99	-
386	Photographic equipment and supplies	398.52	395.76	436.13	432.41	-	9.72	9.63	10.56	10.47	-
387	Watches, clocks, and watchcases	224.19	225.19	236.29	243.43	-	5.69	5.73	6.09	6.21	-
39	MISCELLANEOUS MANUFACTURING INDUSTRIES	230.29	230.88	242.57	245.63	247.81	5.92	5.92	6.35	6.38	6.42
391	Jewelry, silverware, and plated ware	239.91	243.21	257.87	258.25	-	6.33	6.35	6.84	6.85	-
3911	Jewelry, precious metal	235.59	238.99	253.92	254.61	-	6.35	6.39	6.90	6.90	-
393	Musical instruments	221.94	220.98	238.26	240.91	-	5.81	5.80	6.27	6.29	-
394	Toys and sporting goods	216.46	217.40	231.77	232.59	-	5.48	5.49	6.02	6.01	-
3942 4	Dolls, games, toys, and children's vehicles	205.11	205.92	218.28	215.84	-	5.30	5.28	5.79	5.71	-
3949	Sporting and athletic goods, nec	227.13	228.57	243.20	247.27	-	5.65	5.70	6.22	6.26	-
395	Pens, pencils, office and art supplies	239.60	242.61	262.00	260.04	-	6.02	6.05	6.55	6.60	-
396	Costume jewelry and notions	197.37	198.39	206.05	208.44	-	5.10	5.10	5.38	5.40	-
3961	Costume jewelry	179.73	181.74	156.95	158.07	-	4.78	4.77	5.05	5.04	-
399	Miscellaneous manufactures	250.13	248.97	253.64	261.21	-	6.48	6.45	6.71	6.82	-
3993	Signs and advertising displays	266.34	267.80	281.51	281.92	-	6.90	6.92	7.35	7.38	-
	NONDURABLE GOODS										
20	FOOD AND KINDRED PRODUCTS	294.18	294.18	306.52	310.47	312.44	7.41	7.41	7.90	7.90	7.89
201	Meat products	293.72	289.54	290.32	292.99	-	7.38	7.33	7.64	7.61	-
2011	Meat packing plants	368.40	360.33	366.11	354.49	-	8.92	8.81	9.13	9.02	-
2013	Sausages and other prepared meats	349.60	344.52	341.64	366.28	-	8.74	8.70	8.92	9.18	-
2016	Poultry dressing plants	183.74	182.30	181.41	188.93	-	4.81	4.81	5.11	5.12	-
202	Dairy products	304.71	310.01	327.16	330.81	-	7.45	7.47	7.96	8.01	-
2022	Cheese, natural and processed	277.22	289.67	300.05	302.48	-	7.09	7.17	7.52	7.60	-
2026	Fluid milk	319.25	323.59	341.13	344.87	-	7.73	7.76	8.22	8.31	-
203	Preserved fruits and vegetables	247.15	245.86	260.03	269.81	-	6.47	6.47	6.99	6.99	-
2032	Canned specialties	292.74	276.10	303.77	310.07	-	7.14	7.19	7.71	7.83	-
2033	Canned fruits and vegetables	263.06	259.88	270.65	275.08	-	6.78	6.75	7.16	7.22	-
2037	Frozen fruits and vegetables	220.80	214.62	245.89	254.02	-	6.00	6.08	6.61	6.53	-
204	Grain mill products	342.37	351.45	371.96	367.98	-	8.23	8.25	8.92	8.91	-
2041	Flour and other grain mill products	359.74	373.46	376.16	380.62	-	8.03	8.19	8.83	8.77	-
2048	Prepared feeds, nec	275.64	280.36	297.20	292.70	-	6.61	6.52	7.11	7.07	-
205	Bakery products	298.38	301.86	306.38	314.26	-	7.73	7.80	8.17	8.27	-
2051	Bread, cake, and related products	297.96	304.92	308.18	316.39	-	7.80	7.92	8.24	8.37	-
2052	Cookies and crackers	298.94	295.81	301.31	310.42	-	7.53	7.47	7.95	7.98	-
206	Sugar and confectionery products	293.20	293.53	297.59	307.72	-	7.33	7.32	7.77	7.83	-
2061 3	Cane and beet sugar	357.86	372.38	344.45	366.70	-	8.48	8.64	9.21	9.26	-
2065	Confectionery products	251.98	248.20	258.25	265.65	-	6.51	6.43	6.85	6.90	-
207	Fats and oils	330.42	334.19	339.20	342.13	-	7.72	7.79	8.00	8.05	-
208	Beverages	361.42	366.27	392.90	390.83	-	8.88	8.89	9.63	9.65	-
2082	Malt beverages	509.41	513.25	574.54	559.42	-	11.93	12.02	12.94	13.04	-
2086	Bottled and canned soft drinks	268.54	278.66	281.39	289.41	-	6.68	6.78	7.16	7.29	-
209	Misc. foods and kindred products	249.87	243.32	261.70	264.73	-	6.44	6.42	6.96	6.93	-
21	TOBACCO MANUFACTURES	350.62	359.98	367.83	365.31	393.67	9.06	9.35	10.05	9.90	10.47
211	Cigarettes	407.93	416.23	419.15	415.81	-	10.38	10.70	11.39	11.33	-
22	TEXTILE MILL PRODUCTS	217.08	218.56	215.39	219.44	220.60	5.40	5.41	5.79	5.79	5.79
221	Weaving mills, cotton	222.75	224.66	225.98	223.94	-	5.50	5.52	6.01	5.94	-
222	Weaving mills, synthetics	233.08	236.02	215.49	233.17	-	5.63	5.66	6.07	6.12	-
223	Weaving and finishing mills, wool	241.89	234.89	241.40	239.90	-	5.61	5.66	6.05	6.12	-
224	Narrow fabric mills	200.07	201.78	207.23	209.58	-	4.94	4.97	5.30	5.36	-
225	Knitting mills	194.56	196.09	194.04	198.15	-	5.08	5.08	5.39	5.37	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		May 1981	June 1981	Apr. 1982	May 1982P	June 1982P	May 1981	June 1981	Apr. 1982	May 1982P	June 1982P
	TRANSPORTATION EQUIPMENT—Continued										
376	Guided missiles, space vehicles, parts	40.8	41.7	40.2	40.6	-	3.2	3.2	2.7	2.9	-
3761	Guided missiles and space vehicles	40.4	41.4	39.8	40.5	-	2.8	2.8	2.5	2.9	-
379	Miscellaneous transportation equipment	40.8	39.9	41.4	41.2	-	2.7	1.8	3.1	3.6	-
3792	Travel trailers and campers	39.5	38.3	39.4	39.3	-	2.0	1.4	2.1	1.9	-
38	**INSTRUMENTS AND RELATED PRODUCTS**	40.3	40.4	39.5	40.0	39.8	2.2	2.3	1.6	1.6	-
381	Engineering and scientific instruments	41.0	41.2	40.3	40.1	-	3.0	2.9	2.0	1.9	-
382	Measuring and controlling devices	40.4	40.3	39.1	40.1	-	2.0	2.1	1.2	1.2	-
3822	Environmental controls	39.2	39.1	38.4	38.5	-	1.5	1.6	1.0	.8	-
3823	Process control instruments	42.7	42.7	40.5	40.8	-	2.9	3.0	1.4	1.5	-
3825	Instruments to measure electricity	39.9	39.6	39.1	40.7	-	1.6	1.8	1.0	1.2	-
383	Optical instruments and lenses	39.2	40.4	39.7	40.2	-	2.4	3.0	1.7	2.3	-
384	Medical instruments and supplies	39.9	39.9	38.9	39.4	-	2.1	2.3	1.6	1.7	-
3841	Surgical and medical instruments	40.5	40.5	39.2	39.6	-	2.5	2.6	2.0	2.3	-
3842	Surgical appliances and supplies	39.2	39.6	38.6	39.2	-	1.9	2.2	1.2	1.5	-
385	Ophthalmic goods	40.3	40.0	38.6	39.1	-	1.6	1.6	1.1	1.3	-
386	Photographic equipment and supplies	41.0	41.2	41.3	41.3	-	2.9	2.6	2.4	2.2	-
387	Watches, clocks, and watchcases	39.4	39.3	38.8	39.2	-	1.5	1.2	1.3	1.5	-
39	**MISCELLANEOUS MANUFACTURING INDUSTRIES**	38.9	39.0	38.2	38.5	38.6	1.9	1.9	1.4	1.6	-
391	Jewelry, silverware, and plated ware	37.9	38.3	37.7	37.7	-	1.7	1.8	1.3	1.2	-
3911	Jewelry, precious metal	37.1	37.4	36.8	36.9	-	1.7	1.7	1.2	1.1	-
393	Musical instruments	38.2	38.1	38.0	38.3	-	1.0	.8	.5	1.1	-
394	Toys and sporting goods	39.5	39.6	38.5	38.7	-	2.1	2.2	1.3	1.4	-
3942, 4	Dolls, games, toys, and children's vehicles	38.7	39.0	37.7	37.8	-	1.8	1.8	.9	1.0	-
3949	Sporting and athletic goods, nec	40.2	40.1	39.1	39.5	-	2.4	2.5	1.7	1.7	-
395	Pens, pencils, office and art supplies	39.8	40.1	40.0	39.4	-	1.9	2.1	1.7	1.5	-
396	Costume jewelry and notions	38.7	38.9	38.3	38.6	-	2.0	2.1	2.1	2.4	-
3961	Costume jewelry	37.6	38.1	39.0	39.3	-	1.7	1.7	3.0	3.0	-
399	Miscellaneous manufactures	38.6	38.6	37.8	38.3	-	2.0	1.7	1.5	1.6	-
3993	Signs and advertising displays	38.6	38.7	38.3	38.2	-	2.4	1.8	2.2	2.0	-
	NONDURABLE GOODS										
20	**FOOD AND KINDRED PRODUCTS**	39.7	39.7	38.8	39.3	39.6	3.6	3.6	3.1	3.3	-
201	Meat products	39.8	39.5	38.0	38.5	-	4.7	4.5	2.8	3.2	-
2011	Meat packing plants	41.3	40.9	40.1	39.3	-	4.3	4.0	3.6	3.5	-
2013	Sausages and other prepared meats	40.0	39.6	38.3	39.9	-	3.7	3.3	2.6	3.3	-
2016	Poultry dressing plants	38.2	37.9	35.5	36.9	-	3.1	2.9	2.1	2.4	-
202	Dairy products	40.9	41.5	41.1	41.3	-	4.8	4.0	3.7	4.0	-
2022	Cheese, natural and processed	39.1	40.4	39.9	39.8	-	3.1	3.5	3.2	3.6	-
2026	Fluid milk	41.3	41.7	41.5	41.5	-	4.2	4.1	3.9	4.3	-
203	Preserved fruits and vegetables	38.2	38.0	37.2	38.6	-	2.3	2.0	2.3	2.6	-
2032	Canned specialties	41.0	38.4	39.4	39.6	-	4.0	3.0	1.8	2.7	-
2033	Canned fruits and vegetables	38.8	38.5	37.8	38.1	-	2.5	2.0	2.1	2.5	-
2037	Frozen fruits and vegetables	36.8	35.3	37.2	38.5	-	2.6	1.1	2.8	3.6	-
204	Grain mill products	41.6	42.6	41.7	41.1	-	6.9	5.1	6.7	6.4	-
2041	Flour and other grain mill products	44.8	45.6	42.6	43.4	-	5.3	6.2	5.5	5.1	-
2048	Prepared feeds, nec	41.7	43.0	41.8	41.4	-	5.9	5.9	4.7	4.5	-
205	Bakery products	38.6	38.7	37.5	38.0	-	3.1	3.2	2.7	2.3	-
2051	Bread, cake, and related products	38.2	38.5	37.4	37.8	-	3.1	3.5	3.0	3.3	-
2052	Cookies and crackers	39.7	39.6	37.9	38.4	-	2.9	2.4	1.7	1.9	-
206	Sugar and confectionery products	40.0	40.1	38.3	39.3	-	2.5	2.4	2.0	2.1	-
2061-3	Cane and beet sugar	42.2	43.1	37.4	39.6	-	3.1	3.7	2.9	3.1	-
2065	Confectionery products	38.7	38.6	37.7	38.5	-	2.2	1.8	1.5	1.8	-
207	Fats and oils	42.8	42.9	42.8	42.5	-	4.6	5.0	4.5	4.7	-
208	Beverages	40.7	41.2	40.8	40.5	-	4.4	4.6	4.0	4.1	-
2082	Malt beverages	42.7	42.7	44.4	42.9	-	6.6	6.5	6.4	6.4	-
2086	Bottled and canned soft drinks	40.2	41.1	39.3	39.7	-	4.9	4.5	3.2	3.5	-
209	Misc. foods and kindred products	38.8	37.9	37.6	38.2	-	3.8	3.1	2.9	3.0	-
21	**TOBACCO MANUFACTURES**	38.7	38.5	36.6	36.9	37.0	2.1	1.7	1.0	.3	-
211	Cigarettes	39.3	38.9	36.8	36.7	-	2.7	1.9	1.0	.4	-
22	**TEXTILE MILL PRODUCTS**	40.4	40.4	37.2	37.9	38.1	3.1	3.4	2.0	2.1	-
221	Weaving mills, cotton	40.5	40.7	37.6	37.7	-	3.4	3.6	2.3	2.2	-
222	Weaving mills, synthetics	41.4	41.7	35.5	36.1	-	3.8	4.0	1.5	2.1	-
223	Weaving and finishing mills, wool	41.3	41.5	39.9	39.2	-	3.8	3.9	2.9	2.9	-
224	Narrow fabric mills	40.5	40.6	39.1	39.1	-	2.5	2.6	1.8	1.8	-
225	Knitting mills	38.3	38.6	36.0	36.3	-	2.4	2.5	1.6	1.7	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		May 1981	June 1981	Apr. 1982	May 1982P	June 1982P	May 1981	June 1981	Apr. 1982	May 1982P	June 1982P
	TEXTILE MILL PRODUCTS—Continued										
2251	Women's hosiery, except socks	$177.65	$182.21	$178.88	$180.22	-	$4.75	$4.77	$5.17	$5.12	-
2252	Hosiery, nec	184.03	190.00	174.42	184.17	-	4.78	4.81	5.13	5.13	-
2253	Knit outerwear mills	187.50	187.75	193.88	194.25	-	5.00	4.98	5.24	5.25	-
2254	Knit underwear mills	178.30	179.83	165.51	179.39	-	4.89	4.90	5.14	5.14	-
2257	Circular knit fabric mills	224.22	225.79	240.00	235.82	-	5.72	5.76	6.00	5.94	-
226	Textile finishing, except wool	240.09	242.65	249.08	246.21	-	5.73	5.75	6.12	6.14	-
2261	Finishing plants, cotton	239.17	238.21	232.36	260.18	-	5.81	5.81	6.19	6.10	-
2262	Finishing plants, synthetics	253.86	260.61	237.00	240.29	-	5.89	5.95	6.32	6.34	-
227	Floor covering mills	231.74	230.52	219.63	222.75	-	5.68	5.65	5.92	5.94	-
228	Yarn and thread mills	204.02	203.81	198.93	204.92	-	5.05	5.07	5.45	5.45	-
2281	Yarn mills, except wool	203.62	204.32	201.45	205.09	-	5.04	5.07	5.43	5.48	-
2282	Throwing and winding mills	194.89	193.25	188.86	192.52	-	4.86	4.88	5.32	5.26	-
229	Miscellaneous textile goods	247.80	251.87	251.41	255.75	-	6.00	6.04	6.43	6.51	-
23	APPAREL AND OTHER TEXTILE PRODUCTS	178.56	180.41	178.19	179.74	$181.63	4.96	4.97	5.18	5.15	$5.16
231	Men's and boys' suits and coats	205.62	208.66	209.40	206.74	-	5.68	5.67	6.00	5.89	-
232	Men's and boys' furnishings	166.99	167.61	168.61	170.77	-	4.55	4.53	4.79	4.77	-
2321	Men's and boys' shirts and nightwear	161.33	161.85	165.32	166.22	-	4.42	4.41	4.67	4.63	-
2327	Men's and boys' separate trousers	170.35	169.36	166.01	167.04	-	4.68	4.64	4.84	4.80	-
2328	Men's and boys' work clothing	167.45	167.96	167.43	170.50	-	4.43	4.42	4.69	4.71	-
233	Women's and misses' outerwear	167.62	169.79	165.89	165.46	-	4.93	4.95	5.12	5.06	-
2331	Women's and misses' blouses and waists	158.10	159.85	161.47	161.63	-	4.65	4.62	4.82	4.74	-
2335	Women's and misses' dresses	164.15	167.64	165.90	162.65	-	5.02	5.08	5.25	5.18	-
2337	Women's and misses' suits and coats	189.66	191.05	178.15	179.30	-	5.45	5.49	5.71	5.50	-
2339	Women's and misses' outerwear, nec	166.25	167.32	164.01	164.66	-	4.75	4.74	4.94	4.93	-
234	Women's and children's undergarments	161.81	164.86	156.98	161.12	-	4.47	4.48	4.70	4.67	-
2341	Women's and children's underwear	160.45	163.47	157.08	158.93	-	4.42	4.43	4.62	4.58	-
2342	Brassieres and allied garments	169.56	170.03	156.47	172.38	-	4.71	4.71	5.13	5.10	-
236	Children's outerwear	164.08	166.25	164.43	169.67	-	4.52	4.53	4.78	4.70	-
2361	Children's dresses and blouses	161.72	163.26	164.43	169.09	-	4.53	4.51	4.78	4.71	-
238	Misc. apparel and accessories	179.33	183.52	184.96	184.60	-	4.86	4.92	5.21	5.20	-
239	Misc. fabricated textile products	226.98	231.28	224.32	231.80	-	5.85	5.90	6.03	6.10	-
2391	Curtains and draperies	165.44	166.19	160.89	167.90	-	4.40	4.42	4.61	4.69	-
2392	House furnishing, nec	183.84	187.59	189.44	190.60	-	4.80	4.81	5.19	5.11	-
2396	Automotive and apparel trimmings	405.98	417.00	421.85	433.49	-	9.83	10.00	10.52	10.73	-
26	PAPER AND ALLIED PRODUCTS	357.85	364.66	380.80	379.31	384.89	8.42	8.54	9.11	9.14	9.23
261, 2 6	Paper and pulp mills	439.20	448.10	473.21	464.09	-	9.76	9.98	10.61	10.62	-
262	Paper mills, except building paper	441.35	448.47	479.88	466.14	-	9.70	9.90	10.57	10.57	-
263	Paperboard mills	433.87	440.48	473.92	475.66	-	10.02	10.22	10.82	10.96	-
264	Misc. converted paper products	301.38	310.24	320.00	322.00	-	7.46	7.53	8.00	8.05	-
2641	Paper coating and glazing	353.22	362.06	384.79	383.05	-	8.39	8.82	9.14	9.23	-
2642	Envelopes	278.88	280.19	293.14	296.21	-	6.92	6.97	7.48	7.48	-
2643	Bags, except textile bags	284.52	288.26	303.16	297.86	-	7.06	7.10	7.56	7.56	-
265	Paperboard containers and boxes	311.32	315.75	322.40	323.61	-	7.43	7.50	8.00	8.05	-
2651	Folding paperboard boxes	317.52	326.74	326.43	329.65	-	7.56	7.67	8.08	8.18	-
2653	Corrugated and solid fiber boxes	325.08	329.52	338.60	338.99	-	7.74	7.79	8.34	8.37	-
2654	Sanitary food containers	304.29	304.99	315.24	321.26	-	7.06	7.06	7.67	7.76	-
27	PRINTING AND PUBLISHING	301.38	301.69	316.11	316.48	319.92	8.08	8.11	8.59	8.60	8.67
271	Newspapers	275.04	277.05	290.18	288.57	-	8.21	8.27	8.82	8.81	-
272	Periodicals	289.48	289.10	321.75	325.38	-	7.79	7.73	8.58	8.70	-
273	Books	288.25	288.23	289.75	297.79	-	7.41	7.46	7.81	7.92	-
2731	Book publishing	278.74	268.58	279.73	287.26	-	7.24	7.25	7.54	7.64	-
2732	Book printing	299.05	300.29	300.95	309.07	-	7.59	7.68	8.09	8.22	-
274	Miscellaneous publishing	247.76	258.08	295.67	287.78	-	6.98	7.09	7.74	7.82	-
275	Commercial printing	324.24	324.56	339.60	338.71	-	8.40	8.43	8.89	8.89	-
2751	Commercial printing, letterpress	299.62	301.78	320.63	317.34	-	7.89	7.90	8.46	8.44	-
2752	Commercial printing, lithographic	334.46	333.80	347.24	347.76	-	8.62	8.67	9.09	9.08	-
276	Manifold business forms	324.01	328.45	333.45	334.46	-	8.06	8.09	8.55	8.62	-
278	Blankbooks and bookbinding	242.79	243.81	252.60	254.70	-	6.29	6.30	6.63	6.65	-
279	Printing trade services	375.98	379.69	394.13	394.34	-	10.08	10.07	10.51	10.46	-
28	CHEMICALS AND ALLIED PRODUCTS	373.09	377.31	399.27	400.66	405.96	8.99	9.07	9.81	9.82	9.95
281	Industrial inorganic chemicals	415.58	418.14	435.77	434.96	-	9.99	10.10	10.84	10.82	-
2819	Industrial inorganic chemicals, nec	413.83	416.75	435.20	436.11	-	10.02	10.14	10.88	10.93	-
282	Plastics materials and synthetics	376.32	377.58	393.26	392.69	-	8.96	8.99	9.71	9.72	-
2821	Plastics materials and resins	421.74	423.36	422.28	433.65	-	9.74	9.80	10.35	10.50	-
2824	Organic fibers, noncellulosic	351.02	349.29	374.66	367.75	-	8.52	8.54	9.39	9.31	-
283	Drugs	332.11	336.20	365.36	369.00	-	8.16	8.22	8.88	9.00	-
2834	Pharmaceutical preparations	316.37	319.56	344.46	345.86	-	7.87	7.91	8.59	8.66	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		May 1981	June 1981	Apr. 1982	May 1982P	June 1982P	May 1981	June 1981	Apr. 1982	May 1982P	June 1982P
	TEXTILE MILL PRODUCTS—Continued										
2251	Women's hosiery, except socks	37.4	38.2	34.6	35.2	-	2.1	2.6	1.2	1.5	-
2252	Hosiery, nec	38.5	39.5	34.0	35.9	-	2.3	3.1	1.0	1.1	-
2253	Knit outerwear mills	37.5	37.7	37.0	37.0	-	2.2	2.0	1.6	1.6	-
2254	Knit underwear mills	36.4	36.7	32.2	34.9	-	1.2	1.3	.1	.3	-
2257	Circular knit fabric mills	39.2	39.2	40.0	39.7	-	2.6	2.3	2.9	3.0	-
226	Textile finishing, except wool	41.9	42.2	40.7	40.1	-	4.1	4.3	2.6	2.7	-
2261	Finishing plants, cotton	41.2	41.0	40.0	42.1	-	3.7	3.6	3.0	2.3	-
2262	Finishing plants, synthetics	43.1	43.8	37.5	37.9	-	4.6	5.4	2.3	2.8	-
227	Floor covering mills	40.8	40.8	37.1	37.5	-	4.3	4.2	1.6	1.5	-
228	Yarn and thread mills	40.4	40.2	36.5	37.6	-	3.5	3.4	2.1	2.2	-
2281	Yarn mills, except wool	40.4	40.3	37.1	37.7	-	3.6	3.5	2.1	2.3	-
2282	Throwing and winding mills	40.1	39.6	35.5	36.6	-	3.4	3.1	2.0	1.9	-
229	Miscellaneous textile goods	41.3	41.7	39.1	39.9	-	3.7	3.9	2.6	2.6	-
23	**APPAREL AND OTHER TEXTILE PRODUCTS**	36.0	36.3	34.4	34.9	35.2	1.1	1.2	.8	.9	-
231	Men's and boys' suits and coats	36.2	36.8	34.9	35.1	-	.7	.9	.6	.7	-
232	Men's and boys' furnishings	36.7	37.0	35.2	35.8	-	.9	1.0	.7	.8	-
2321	Men's and boys' shirts and nightwear	36.5	36.7	35.4	35.9	-	1.0	1.0	.8	.9	-
2327	Men's and boys' separate trousers	36.4	36.5	34.3	34.8	-	1.1	1.1	.7	.8	-
2328	Men's and boys' work clothing	37.8	38.0	35.7	36.2	-	.9	1.1	.7	.8	-
233	Women's and misses' outerwear	34.0	34.3	32.4	32.7	-	1.0	1.0	.8	.7	-
2331	Women's and misses' blouses and waists	34.0	34.6	33.5	34.1	-	1.0	1.1	.8	.8	-
2335	Women's and misses' dresses	32.7	33.0	31.6	31.4	-	.8	.9	.8	.6	-
2337	Women's and misses' suits and coats	34.8	34.6	31.2	32.6	-	.7	.9	.4	.6	-
2339	Women's and misses' outerwear, nec	35.0	35.3	33.2	33.4	-	1.1	1.2	.9	.8	-
234	Women's and children's undergarments	36.2	36.8	33.4	34.5	-	1.1	1.5	.6	.7	-
2341	Women's and children's underwear	36.3	36.9	34.0	34.7	-	1.1	1.5	.6	.7	-
2342	Brassieres and allied garments	36.0	36.1	30.5	33.8	-	1.3	1.3	.6	.6	-
236	Children's outerwear	36.3	36.7	34.4	36.1	-	1.1	1.4	.5	.9	-
2361	Children's dresses and blouses	35.7	36.2	34.4	35.9	-	.8	1.2	.5	.9	-
238	Misc. apparel and accessories	36.9	37.3	35.5	35.5	-	1.3	1.4	1.1	1.2	-
239	Misc. fabricated textile products	38.8	39.2	37.2	38.0	-	2.0	2.2	1.6	1.9	-
2391	Curtains and draperies	37.6	37.6	34.9	35.8	-	1.3	1.3	.8	1.6	-
2392	House furnishings, nec	38.3	39.0	36.5	37.3	-	1.8	2.3	1.4	1.6	-
2396	Automotive and apparel trimmings	41.3	41.7	40.1	40.4	-	2.9	2.8	2.8	3.5	-
26	**PAPER AND ALLIED PRODUCTS**	42.5	42.7	41.8	41.5	41.7	4.4	4.6	4.0	3.7	-
261, 2, 6	Paper and pulp mills	45.0	44.9	44.6	43.7	-	6.4	6.3	6.1	5.6	-
262	Paper mills, except building paper	45.5	45.3	45.4	44.1	-	6.6	6.5	6.3	5.8	-
263	Paperboard mills	43.3	43.1	43.8	43.4	-	7.2	7.3	7.4	6.3	-
264	Misc. converted paper products	40.4	41.2	40.0	40.0	-	2.6	2.9	2.3	2.2	-
2641	Paper coating and glazing	42.1	43.0	42.1	41.5	-	3.0	3.2	2.3	2.2	-
2642	Envelopes	40.3	40.2	39.4	39.6	-	1.8	2.1	1.9	1.3	-
2643	Bags, except textile bags	40.3	40.6	40.1	39.4	-	2.6	2.7	2.5	2.2	-
265	Paperboard containers and boxes	41.9	42.1	40.3	40.2	-	3.5	3.6	2.7	2.6	-
2651	Folding paperboard boxes	42.0	42.6	40.4	40.3	-	4.0	4.2	2.8	2.5	-
2653	Corrugated and solid fiber boxes	42.0	42.3	40.6	40.5	-	3.6	3.7	3.0	3.0	-
2654	Sanitary food containers	43.1	43.2	41.1	41.4	-	3.7	4.0	2.8	2.8	-
27	**PRINTING AND PUBLISHING**	37.3	37.2	36.8	36.8	36.9	2.3	2.3	2.0	2.0	-
271	Newspapers	33.5	33.5	32.9	32.8	-	1.4	1.3	1.3	1.3	-
272	Periodicals	37.4	37.4	37.5	37.4	-	2.0	2.1	2.1	2.1	-
273	Books	38.9	38.1	37.1	37.6	-	2.7	1.9	1.9	2.2	-
2731	Book publishing	38.5	37.1	37.1	37.6	-	2.3	1.2	1.0	1.5	-
2732	Book printing	39.4	39.1	37.2	37.6	-	3.2	2.7	2.9	2.9	-
274	Miscellaneous publishing	35.7	36.4	38.2	36.8	-	1.0	1.2	1.5	1.5	-
275	Commercial printing	38.6	38.5	38.2	38.1	-	2.9	2.8	2.5	2.4	-
2751	Commercial printing, letterpress	38.0	38.2	37.9	37.6	-	2.2	2.3	2.1	2.1	-
2752	Commercial printing, lithographic	38.8	38.5	38.2	38.3	-	3.1	3.0	2.6	2.5	-
276	Manifold business forms	40.2	40.6	39.0	38.8	-	2.6	3.0	2.1	1.8	-
278	Blankbooks and bookbinding	38.6	38.7	38.1	38.3	-	1.6	1.6	1.2	1.4	-
279	Printing trade service	37.3	37.7	37.5	37.7	-	3.5	3.4	3.0	2.7	-
28	**CHEMICALS AND ALLIED PRODUCTS**	41.5	41.6	40.7	40.8	40.8	3.2	3.3	2.7	2.6	-
281	Industrial inorganic chemicals	41.6	41.4	40.2	40.2	-	3.3	3.0	3.0	2.8	-
2819	Industrial inorganic chemicals, nec	41.3	41.1	40.0	39.9	-	3.0	2.8	3.1	3.0	-
282	Plastics materials and synthetics	42.0	42.0	40.5	40.4	-	3.4	3.4	2.5	2.3	-
2821	Plastics materials and resins	43.3	43.2	40.8	41.3	-	4.6	4.7	3.1	3.1	-
2824	Organic fibers, noncellulosic	41.2	40.9	39.9	39.5	-	2.4	2.2	2.0	1.7	-
283	Drugs	40.7	40.9	41.2	41.0	-	2.8	2.8	2.5	2.5	-
2834	Pharmaceutical preparations	40.2	40.4	40.1	40.4	-	2.7	2.8	2.4	2.4	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		May 1981	June 1981	Apr. 1982	May 1982P	June 1982P	May 1981	June 1981	Apr. 1982	May 1982P	June 1982P
	CHEMICALS AND ALLIED PRODUCTS—Cont'd										
284	Soap, cleaners, and toilet goods	$338.20	$338.60	$357.70	$366.93	-	$8.33	$8.34	$9.01	$9.06	-
2841	Soap and other detergents	456.67	454.92	485.81	494.16	-	10.72	10.78	11.65	11.71	-
2844	Toilet preparations	262.01	261.49	276.05	287.36	-	6.65	6.62	7.17	7.22	-
2842, 3	Polishing, sanitation, and finishing preparations	321.60	328.05	339.63	345.39	-	8.00	8.10	8.62	8.70	-
285	Paints and allied products	334.08	330.03	344.84	353.28	-	8.05	8.03	8.73	8.81	-
286	Industrial organic chemicals	446.05	460.53	459.16	487.14	-	10.57	10.71	11.71	11.71	-
2865	Cyclic crudes and intermediates	418.97	427.32	475.58	458.27	-	10.12	10.15	11.19	11.15	-
2861, 9	Gum, wood, and industrial organic chemicals, nec	455.60	471.97	500.57	497.00	-	10.72	10.90	11.89	11.89	-
287	Agricultural chemicals	366.37	376.25	392.28	397.96	-	8.56	8.75	9.34	9.32	-
289	Miscellaneous chemical products	341.96	344.84	365.02	366.93	-	8.28	8.37	9.08	9.06	-
29	PETROLEUM AND COAL PRODUCTS	492.68	491.99	550.00	548.87	$557.05	11.30	11.31	12.50	12.44	$12.49
291	Petroleum refining	533.05	529.40	596.75	590.96	-	12.17	12.17	13.35	13.34	-
295	Paving and roofing materials	371.80	381.40	366.13	389.96	-	8.45	8.59	8.93	9.09	-
30	RUBBER AND MISC. PLASTICS PRODUCTS	290.90	292.03	297.04	298.94	305.20	7.13	7.14	7.52	7.53	7.63
301	Tires and inner tubes	462.16	465.09	466.72	463.16	-	11.03	11.10	11.61	11.55	-
302	Rubber and plastics footwear	177.71	186.51	192.61	199.18	-	4.79	4.77	5.15	5.16	-
303, 4	Reclaimed rubber, and rubber and plastics hose and belting	328.18	327.25	319.98	324.77	-	7.74	7.70	8.06	8.16	-
306	Fabricated rubber products, nec	270.50	270.54	281.56	279.82	-	6.63	6.68	7.11	7.12	-
307	Miscellaneous plastics products	265.36	266.83	269.50	273.14	-	6.52	6.54	6.84	6.88	-
31	LEATHER AND LEATHER PRODUCTS	185.50	189.74	187.26	191.66	194.88	4.96	4.98	5.32	5.28	5.31
311	Leather tanning and finishing	266.42	265.77	270.07	280.28	-	6.53	6.53	7.07	7.06	-
314	Footwear, except rubber	178.45	184.12	177.32	181.44	-	4.81	4.82	5.11	5.04	-
3143	Men's footwear, except athletic	194.66	197.29	187.97	190.61	-	5.03	5.02	5.31	5.28	-
3144	Women's footwear, except athletic	165.79	177.00	170.52	177.25	-	4.67	4.72	5.03	4.91	-
316	Luggage	193.15	188.12	200.64	199.04	-	4.94	4.99	5.70	5.82	-
317	Handbags and personal leather goods	167.08	173.59	179.71	179.64	-	4.68	4.73	4.91	4.99	-
	TRANSPORTATION AND PUBLIC UTILITIES	376.10	381.52	393.43	396.00	398.19	9.57	9.61	10.14	10.18	10.21
	RAILROAD TRANSPORTATION										
4011	Class I railroads[2]	446.04	470.29	480.22	-	-	10.62	10.64	11.22	-	-
41	LOCAL AND INTERURBAN PASSENGER TRANSIT	227.70	230.17	238.14	243.53	-	6.60	6.73	7.13	7.10	-
411	Local and suburban transportation	284.59	282.12	299.10	300.25	-	7.26	7.29	7.63	7.64	-
413	Intercity highway transportation	381.99	384.05	403.05	408.41	-	10.67	10.58	11.29	11.44	-
42	TRUCKING AND WAREHOUSING	392.00	395.61	387.72	399.12	-	10.00	9.94	10.23	10.34	-
421, 3	Trucking and trucking terminals	400.23	403.57	396.06	407.23	-	10.21	10.14	10.45	10.55	-
422	Public warehousing	265.04	266.81	273.33	277.15	-	6.92	6.93	7.25	7.29	-
46	PIPE LINES, EXCEPT NATURAL GAS	488.46	479.40	527.98	525.79	-	11.63	11.28	12.25	12.43	-
48	COMMUNICATION	359.96	366.28	389.86	389.26	-	9.09	9.18	9.92	9.93	-
481	Telephone communication	373.07	378.82	407.64	404.79	-	9.35	9.40	10.32	10.30	-
4817	Switchboard operating employees[3]	259.76	258.21	292.18	293.13	-	7.64	7.55	8.67	8.75	-
4818	Line construction employees[4]	468.93	480.49	502.74	497.84	-	10.88	10.97	11.97	11.91	-
483	Radio and television broadcasting	300.89	311.16	319.02	326.37	-	7.96	8.21	8.53	8.68	-
49	ELECTRIC, GAS, AND SANITARY SERVICES	406.43	406.13	439.90	437.47	-	9.77	9.81	10.60	10.67	-
491	Electric services	418.91	417.74	448.75	446.29	-	9.88	9.97	10.71	10.78	-
492	Gas production and distribution	366.62	365.57	391.94	395.34	-	9.03	8.96	9.63	9.81	-
493	Combination utility services	450.18	452.10	503.32	497.28	-	10.98	11.00	12.07	12.07	-
495	Sanitary services	316.00	322.82	338.24	341.90	-	7.67	7.76	8.27	8.38	-
	WHOLESALE AND RETAIL TRADE	188.48	190.51	195.91	197.78	199.32	5.89	5.88	6.18	6.20	6.19
50, 51	WHOLESALE TRADE	288.37	289.11	304.45	308.35	309.21	7.49	7.49	7.97	8.03	7.99
50	WHOLESALE TRADE-DURABLE GOODS	290.97	291.72	305.71	309.62	-	7.48	7.48	7.92	7.98	-
501	Motor vehicles and automotive equipment	265.87	271.05	274.28	276.19	-	6.87	6.95	7.18	7.23	-
502	Furniture and home furnishings	258.54	261.32	269.73	270.82	-	6.95	6.95	7.29	7.28	-
503	Lumber and construction materials	297.20	301.86	302.16	308.05	-	7.64	7.74	7.91	7.96	-
504	Sporting goods, toys, and hobby goods	293.92	298.34	321.00	322.88	-	7.88	7.87	8.56	8.61	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		May 1981	June 1981	Apr. 1982	May 1982P	June 1982P	May 1981	June 1981	Apr. 1982	May 1982P	June 1982P
	CHEMICALS AND ALLIED PRODUCTS—Cont'd										
284	Soap, cleaners, and toilet goods	40.6	40.6	39.7	40.5	-	2.6	2.8	2.1	2.2	-
2841	Soap and other detergents	42.6	42.2	41.7	42.2	-	3.6	3.9	3.4	3.3	-
2844	Toilet preparations	39.4	39.5	38.5	39.8	-	2.0	2.3	1.4	1.7	-
2842, 3	Polishing, sanitation, and finishing preparations	40.2	40.5	39.4	39.7	-	2.2	2.5	1.7	1.5	-
285	Paints and allied products	41.5	41.1	39.5	40.1	-	3.5	3.4	1.9	2.4	-
286	Industrial organic chemicals	42.2	43.0	42.2	41.6	-	3.6	3.9	3.1	2.8	-
2865	Cyclic crudes and intermediates	41.4	42.1	42.5	41.1	-	3.5	4.0	2.7	2.1	-
2861, 9	Gum, wood, and industrial organic chemicals, nec	42.5	43.3	42.1	41.8	-	3.6	3.9	3.3	3.0	-
287	Agricultural chemicals	42.8	43.0	42.0	42.7	-	4.6	4.4	3.8	4.2	-
289	Miscellaneous chemical products	41.3	41.2	40.2	40.5	-	2.9	2.8	2.6	2.3	-
29	PETROLEUM AND COAL PRODUCTS	43.6	43.5	44.0	43.8	44.6	4.2	4.0	3.8	4.0	-
291	Petroleum refining	43.8	43.5	44.7	44.3	-	4.0	3.7	3.9	3.8	-
295	Paving and roofing materials	44.0	44.4	41.0	42.9	-	5.7	6.1	4.3	5.6	-
30	RUBBER AND MISC. PLASTICS PRODUCTS	40.8	40.9	39.5	39.7	40.0	3.2	3.2	2.4	2.6	-
301	Tires and inner tubes	41.9	41.9	40.2	40.1	-	2.9	3.0	2.5	2.7	-
302	Rubber and plastics footwear	37.1	39.1	37.4	38.6	-	2.3	2.9	.8	1.2	-
303, 4	Reclaimed rubber, and rubber and plastics hose and belting	42.4	42.5	39.7	39.8	-	3.1	3.2	2.4	1.8	-
306	Fabricated rubber products, nec	40.8	40.5	39.6	39.3	-	3.0	2.9	2.2	2.3	-
307	Miscellaneous plastics products	40.7	40.8	39.4	39.7	-	3.3	3.4	2.6	2.7	-
31	LEATHER AND LEATHER PRODUCTS	37.4	38.1	35.2	36.3	36.7	1.5	1.8	1.3	1.4	-
311	Leather tanning and finishing	40.8	40.7	38.2	39.7	-	3.6	3.5	2.6	2.9	-
314	Footwear, except rubber	37.1	38.2	34.7	36.0	-	1.2	1.6	1.2	1.1	-
3143	Men's footwear, except athletic	38.7	39.3	35.4	36.1	-	1.3	1.7	.9	.9	-
3144	Women's footwear, except athletic	35.5	37.5	33.9	36.1	-	1.3	1.8	1.4	1.4	-
316	Luggage	39.1	37.7	35.2	38.2	-	1.5	1.9	1.7	1.3	-
317	Handbags and personal leather goods	35.7	36.7	36.6	36.0	-	1.3	1.7	1.0	.9	-
-	TRANSPORTATION AND PUBLIC UTILITIES	37.3	35.7	38.8	38.9	39.0	-	-	-	-	-
	RAILROAD TRANSPORTATION										
4011	Class I railroads[2]	42.0	44.2	42.8	-	-	-	-	-	-	-
41	LOCAL AND INTERURBAN PASSENGER TRANSIT	34.5	34.2	33.4	34.3	-	-	-	-	-	-
411	Local and suburban transportation	39.2	38.7	39.2	39.3	-	-	-	-	-	-
413	Intercity highway transportation	35.8	36.3	35.7	35.7	-	-	-	-	-	-
42	TRUCKING AND WAREHOUSING	39.2	39.8	37.9	38.6	-	-	-	-	-	-
421, 3	Trucking and trucking terminals	39.2	39.8	37.9	38.6	-	-	-	-	-	-
422	Public warehousing	38.3	38.5	37.7	38.1	-	-	-	-	-	-
46	PIPE LINES, EXCEPT NATURAL GAS	42.0	42.5	43.1	42.3	-	-	-	-	-	-
48	COMMUNICATION	39.6	39.9	39.3	39.2	-	-	-	-	-	-
481	Telephone communication	39.9	40.3	39.5	39.3	-	-	-	-	-	-
4817	Switchboard operating employees[3]	34.0	34.2	33.7	33.5	-	-	-	-	-	-
4818	Line construction employees[4]	43.1	43.8	42.0	41.8	-	-	-	-	-	-
483	Radio and television broadcasting	37.8	37.9	37.4	37.6	-	-	-	-	-	-
49	ELECTRIC, GAS, AND SANITARY SERVICES	41.6	41.4	41.5	41.0	-	-	-	-	-	-
491	Electric services	42.4	41.9	41.9	41.4	-	-	-	-	-	-
492	Gas production and distribution	40.6	40.9	40.7	40.3	-	-	-	-	-	-
493	Combination utility services	41.0	41.1	41.7	41.2	-	-	-	-	-	-
495	Sanitary services	41.2	41.6	40.9	40.8	-	-	-	-	-	-
-	WHOLESALE AND RETAIL TRADE	32.0	32.4	31.7	31.9	32.2	-	-	-	-	-
50, 51	WHOLESALE TRADE	38.5	38.6	38.2	38.4	38.7	-	-	-	-	-
50	WHOLESALE TRADE-DURABLE GOODS	38.9	39.0	38.6	38.9	-	-	-	-	-	-
501	Motor vehicles and automotive equipment	38.7	39.0	38.2	38.2	-	-	-	-	-	-
502	Furniture and home furnishings	37.2	37.6	37.0	37.2	-	-	-	-	-	-
503	Lumber and construction materials	38.9	39.0	38.2	38.7	-	-	-	-	-	-
504	Sporting goods, toys, and hobby goods	37.3	37.4	37.5	37.5	-	-	-	-	-	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		May 1981	June 1981	Apr. 1982	May 1982P	June 1982P	May 1981	June 1981	Apr. 1982	May 1982P	June 1982P
	WHOLESALE TRADE-DURABLE GOODS—Continued										
505	Metals and minerals, except petroleum	$349.52	$346.50	$351.27	$353.73	-	$8.76	$8.75	$9.03	$9.07	-
506	Electrical goods	303.81	301.48	329.16	332.60	-	7.81	7.77	8.44	8.55	-
507	Hardware, plumbing, and heating equipment	266.11	267.72	286.03	287.93	-	6.93	6.99	7.41	7.44	-
508	Machinery, equipment, and supplies	303.00	302.59	318.63	322.22	-	7.71	7.68	8.17	8.22	-
509	Miscellaneous durable goods	239.86	238.85	243.29	248.90	-	6.23	6.22	6.54	6.55	-
51	WHOLESALE TRADE-NONDURABLE GOODS	284.26	285.38	302.68	307.37	-	7.52	7.51	8.05	8.11	-
511	Paper and paper products	311.33	306.18	321.53	327.75	-	8.46	8.32	8.69	8.74	-
512	Drugs, proprietaries, and sundries	293.23	298.03	316.75	326.68	-	7.99	7.99	8.75	8.95	-
513	Apparel, piece goods, and notions	249.75	246.62	262.81	267.91	-	6.75	6.72	7.24	7.32	-
514	Groceries and related products	286.48	286.48	304.24	306.99	-	7.48	7.48	8.07	8.10	-
518	Chemicals and allied products	342.38	346.99	363.94	364.00	-	8.87	8.92	9.38	9.43	-
517	Petroleum and petroleum products	354.88	349.55	382.93	378.85	-	9.03	8.94	9.67	9.64	-
518	Beer, wine, and distilled beverages	325.68	332.79	345.87	351.99	-	8.85	8.97	9.45	9.57	-
519	Miscellaneous nondurable goods	234.78	236.16	249.56	254.26	-	6.13	6.15	6.55	6.57	-
5259	RETAIL TRADE	156.08	158.17	161.02	163.01	$164.65	5.22	5.22	5.44	5.47	$5.47
52	BUILDING MATERIALS AND GARDEN SUPPLIES	207.16	210.36	212.17	215.75	-	5.66	5.67	5.91	5.96	-
521	Lumber and other building materials	228.51	230.49	235.38	235.49	-	5.92	5.91	6.16	6.23	-
525	Hardware stores	169.85	171.86	176.74	179.67	-	5.07	5.04	5.26	5.30	-
53	GENERAL MERCHANDISE STORES	148.63	151.04	151.97	156.06	-	5.09	5.12	5.37	5.40	-
531	Department stores	153.36	155.53	157.07	161.28	-	5.27	5.29	5.57	5.60	-
533	Variety stores	121.35	123.06	124.13	125.57	-	4.17	4.20	4.31	4.33	-
539	Misc. general merchandise stores	128.59	129.74	128.92	129.06	-	4.23	4.24	4.37	4.36	-
54	FOOD STORES	211.67	216.78	218.16	219.91	-	6.85	6.86	7.20	7.21	-
541	Grocery stores	221.52	226.49	226.78	229.02	-	7.10	7.10	7.46	7.46	-
548	Retail bakeries	138.59	143.96	143.71	144.07	-	4.88	4.93	4.99	5.02	-
55	AUTOMOTIVE DEALERS AND SERVICE STATIONS	227.86	229.07	235.88	238.50	-	6.06	6.06	6.29	6.36	-
551, 2	New and used car dealers	268.03	269.80	279.30	283.68	-	6.98	7.00	7.35	7.43	-
553	Auto and home supply stores	229.07	227.66	242.20	243.82	-	5.67	5.58	6.01	6.05	-
554	Gasoline service stations	172.18	172.66	176.79	179.28	-	4.85	4.85	4.98	5.05	-
56	APPAREL AND ACCESSORY STORES	130.67	132.59	134.00	135.59	-	4.65	4.62	4.82	4.86	-
561	Men's and boys' clothing and furnishings	167.69	168.32	169.26	172.05	-	5.29	5.26	5.46	5.55	-
562	Women's ready-to-wear stores	116.04	118.25	117.40	120.60	-	4.33	4.30	4.43	4.50	-
565	Family clothing stores	125.05	128.70	133.84	134.80	-	4.45	4.50	4.78	4.78	-
566	Shoe stores	137.55	138.05	139.93	139.74	-	4.93	4.81	5.07	5.10	-
57	FURNITURE AND HOME FURNISHINGS STORES	201.48	203.93	211.48	212.10	-	5.84	5.86	6.22	6.22	-
571	Furniture and home furnishings stores	202.76	204.86	207.93	210.24	-	5.86	5.87	6.17	6.22	-
572	Household appliance stores	219.48	222.41	222.61	225.16	-	6.20	6.23	6.49	6.47	-
573	Radio, television, and music stores	186.48	190.18	213.21	210.11	-	5.55	5.61	6.18	6.09	-
58	EATING AND DRINKING PLACES[7]	101.79	103.75	105.30	107.57	-	3.93	3.93	4.05	4.09	-
59	MISCELLANEOUS RETAIL	159.00	160.02	165.01	166.16	-	5.08	5.08	5.34	5.36	-
591	Drug stores and proprietary stores	135.25	137.89	145.58	145.44	-	4.68	4.69	5.02	5.05	-
594	Miscellaneous shopping goods stores	145.31	147.87	148.40	149.70	-	4.78	4.77	4.98	4.99	-
596	Nonstore retailers	198.32	197.32	197.96	202.34	-	5.92	5.89	6.11	6.15	-
598	Fuel and ice dealers	254.22	256.90	273.89	266.21	-	6.69	6.69	7.17	7.08	-
599	Retail stores, nec	171.20	168.78	178.62	183.53	-	5.05	5.13	5.38	5.43	-
	FINANCE, INSURANCE, AND REAL ESTATE[7]	225.63	225.63	240.37	245.39	241.15	6.25	6.25	6.64	6.76	6.68
60	BANKING	194.55	194.91	208.05	211.91	-	5.33	5.34	5.70	5.79	-
602	Commercial and stock savings banks	191.63	191.63	204.77	208.62	-	5.25	5.25	5.61	5.70	-
61	CREDIT AGENCIES OTHER THAN BANKS	202.03	202.95	218.22	221.03	-	5.52	5.53	5.93	5.99	-
612	Savings and loan associations	187.74	188.96	199.63	202.00	-	5.20	5.22	5.53	5.58	-
614	Personal credit institutions	200.93	202.39	221.49	224.69	-	5.49	5.47	5.97	6.04	-
63	INSURANCE CARRIERS	254.82	258.22	279.74	283.46	-	6.85	6.96	7.52	7.62	-
631	Life insurance	264.08	269.70	287.93	290.16	-	7.08	7.25	7.74	7.90	-
632	Medical service and health insurance	242.25	243.00	265.50	272.63	-	6.46	6.48	7.08	7.27	-
633	Fire, marine, and casualty insurance	248.09	249.61	276.02	280.09	-	6.76	6.82	7.46	7.57	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		May 1981	June 1981	Apr. 1982	May 1982P	June 1982P	May 1981	June 1981	Apr. 1982	May 1982P	June 1982P
	WHOLESALE TRADE-DURABLE GOODS—Continued										
505	Metals and minerals, except petroleum	39.9	39.6	38.9	39.0	-	-	-	-	-	-
506	Electrical goods	38.9	38.8	39.0	38.9	-	-	-	-	-	-
507	Hardware, plumbing, and heating equipment	38.4	38.3	38.6	38.7	-	-	-	-	-	-
508	Machinery, equipment, and supplies	39.3	39.4	39.0	39.2	-	-	-	-	-	-
509	Miscellaneous durable goods	38.5	38.4	37.2	38.0	-	-	-	-	-	-
51	WHOLESALE TRADE-NONDURABLE GOODS	37.8	38.0	37.6	37.9	-	-	-	-	-	-
511	Paper and paper products	36.8	36.8	37.0	37.5	-	-	-	-	-	-
512	Drugs, proprietaries, and sundries	36.7	37.3	36.2	36.5	-	-	-	-	-	-
513	Apparel, piece goods, and notions	37.0	36.7	36.3	36.6	-	-	-	-	-	-
514	Groceries and related products	38.3	38.3	37.7	37.9	-	-	-	-	-	-
516	Chemicals and allied products	38.6	38.9	38.8	38.6	-	-	-	-	-	-
517	Petroleum and petroleum products	39.3	39.1	39.6	39.3	-	-	-	-	-	-
518	Beer, wine, and distilled beverages	36.8	37.1	36.6	36.4	-	-	-	-	-	-
519	Miscellaneous nondurable goods	38.3	38.4	38.1	38.7	-	-	-	-	-	-
52-59	RETAIL TRADE	29.9	30.3	29.6	29.8	30.1	-	-	-	-	-
52	BUILDING MATERIALS AND GARDEN SUPPLIES	36.6	37.1	35.9	36.2	-	-	-	-	-	-
521	Lumber and other building materials	38.6	39.0	37.4	37.8	-	-	-	-	-	-
525	Hardware stores	33.5	34.1	33.6	33.9	-	-	-	-	-	-
53	GENERAL MERCHANDISE STORES	29.2	29.5	28.3	28.9	-	-	-	-	-	-
531	Department stores	29.1	29.4	28.2	28.8	-	-	-	-	-	-
533	Variety stores	29.1	29.3	28.8	29.0	-	-	-	-	-	-
539	Misc. general merchandise stores	30.4	30.6	29.5	29.6	-	-	-	-	-	-
54	FOOD STORES	30.9	31.6	30.3	30.5	-	-	-	-	-	-
541	Grocery stores	31.2	31.9	30.4	30.7	-	-	-	-	-	-
546	Retail bakeries	28.4	29.2	28.8	28.7	-	-	-	-	-	-
55	AUTOMOTIVE DEALERS AND SERVICE STATIONS	37.6	37.8	37.5	37.5	-	-	-	-	-	-
551, 2	New and used car dealers	38.4	38.4	38.0	38.1	-	-	-	-	-	-
553	Auto and home supply stores	40.4	40.8	40.3	40.3	-	-	-	-	-	-
554	Gasoline service stations	35.5	35.6	35.5	35.5	-	-	-	-	-	-
56	APPAREL AND ACCESSORY STORES	28.1	28.7	27.8	27.9	-	-	-	-	-	-
561	Men's and boys' clothing and furnishings	31.7	32.0	31.0	31.0	-	-	-	-	-	-
562	Women's ready-to-wear stores	26.8	27.5	26.5	26.8	-	-	-	-	-	-
565	Family clothing stores	28.1	28.6	28.0	28.2	-	-	-	-	-	-
566	Shoe stores	27.9	28.7	27.6	27.4	-	-	-	-	-	-
57	FURNITURE AND HOME FURNISHINGS STORES	34.5	34.8	34.0	34.1	-	-	-	-	-	-
571	Furniture and home furnishings stores	34.6	34.9	33.7	33.8	-	-	-	-	-	-
572	Household appliance stores	35.4	35.7	34.3	34.8	-	-	-	-	-	-
573	Radio, television, and music stores	33.6	33.9	34.5	34.5	-	-	-	-	-	-
58	EATING AND DRINKING PLACES	25.9	26.4	26.0	26.3	-	-	-	-	-	-
59	MISCELLANEOUS RETAIL	31.3	31.5	30.9	31.0	-	-	-	-	-	-
591	Drug stores and proprietary stores	28.9	29.4	29.0	28.8	-	-	-	-	-	-
594	Miscellaneous shopping goods stores	30.4	31.0	29.8	30.0	-	-	-	-	-	-
596	Nonstore retailers	33.5	33.5	32.4	32.9	-	-	-	-	-	-
598	Fuel and ice dealers	38.0	38.4	38.2	37.6	-	-	-	-	-	-
599	Retail stores, nec	33.9	32.9	33.2	33.8	-	-	-	-	-	-
-	FINANCE, INSURANCE, AND REAL ESTATE	36.1	36.1	36.2	36.3	36.1	-	-	-	-	-
60	BANKING	36.5	36.5	36.5	36.6	-	-	-	-	-	-
602	Commercial and stock savings banks	36.5	36.5	36.5	36.6	-	-	-	-	-	-
61	CREDIT AGENCIES OTHER THAN BANKS	36.6	36.7	36.8	36.9	-	-	-	-	-	-
612	Savings and loan associations	36.1	36.2	36.1	36.2	-	-	-	-	-	-
614	Personal credit institutions	36.6	37.0	37.1	37.2	-	-	-	-	-	-
63	INSURANCE CARRIERS	37.2	37.1	37.2	37.2	-	-	-	-	-	-
631	Life insurance	37.3	37.2	37.2	37.2	-	-	-	-	-	-
632	Medical service and health insurance	37.5	37.5	37.5	37.5	-	-	-	-	-	-
633	Fire, marine, and casualty insurance	36.7	36.6	37.0	37.0	-	-	-	-	-	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		May 1981	June 1981	Apr. 1982	May 1982p	June 1982p	May 1981	June 1981	Apr. 1982	May 1982p	June 1982p
—	SERVICES	$206.05	$206.99	$221.33	$221.62	$222.36	$6.34	$6.33	$6.81	$6.90	$6.80
	HOTELS AND OTHER LODGING PLACES:										
701	Hotels, motels, and tourist courts [2]	148.46	148.80	148.50	151.28	-	4.82	4.80	4.95	4.96	-
	PERSONAL SERVICES:										
721	Laundry, cleaning, and garment services	162.24	163.59	168.32	171.70	-	4.80	4.84	5.07	5.11	-
723	Beauty shops [3]	140.00	141.90	148.89	152.15	-	4.68	4.73	4.88	4.94	-
73	BUSINESS SERVICES	211.89	213.19	224.94	227.92	-	6.46	6.48	6.90	6.97	-
731	Advertising	311.30	312.57	321.66	331.08	-	8.72	8.78	8.96	9.30	-
734	Services to buildings	149.60	148.51	148.90	150.32	-	5.46	5.44	5.64	5.63	-
737	Computer and data processing services	293.18	293.46	315.98	320.17	-	7.86	7.91	8.58	8.63	-
75	AUTO REPAIR, SERVICES, AND GARAGES	240.41	244.86	258.10	252.50	-	6.36	6.41	6.78	6.68	-
753	Automotive repair shops	267.34	271.76	283.08	278.58	-	6.82	6.88	7.24	7.18	-
76	MISCELLANEOUS REPAIR SERVICES	297.97	301.43	302.93	304.13	-	7.66	7.67	7.93	7.92	-
78	MOTION PICTURES	215.06	206.55	224.04	200.88	-	8.24	7.65	8.65	8.10	-
781	Motion picture production and services	442.60	424.84	446.42	419.49	-	11.74	11.18	13.13	12.23	-
79	AMUSEMENT AND RECREATION SERVICES	176.32	175.99	183.82	182.46	-	6.09	5.77	6.21	6.27	-
80	HEALTH SERVICES	204.05	205.93	224.00	224.98	-	6.24	6.26	6.85	6.88	-
801	Offices of physicians	207.69	208.01	212.11	216.19	-	6.45	6.46	6.67	6.82	-
802	Offices of dentists	177.44	175.34	185.92	186.09	-	6.27	6.24	6.64	6.67	-
805	Nursing and personal care facilities	138.60	140.12	150.24	150.89	-	4.50	4.52	4.80	4.79	-
806	Hospitals	226.45	229.14	250.86	251.13	-	6.68	6.78	7.40	7.43	-
81	LEGAL SERVICES	271.10	273.14	294.45	297.88	-	7.95	8.01	8.51	8.71	-
89	MISCELLANEOUS SERVICES	349.10	354.33	388.26	388.11	-	9.26	9.30	9.93	10.16	-
891	Engineering and architectural services	387.00	384.88	426.66	429.85	-	10.00	9.92	10.94	10.91	-
893	Accounting, auditing, and bookkeeping	287.61	297.04	327.24	316.46	-	7.69	7.90	8.10	8.53	-

[1] For coverage of series, see footnote 1, table B-2.
[2] Beginning January 1978, data relate to line haul railroads with operating revenues of $50,000,000 or more.
[3] Data relate to employees in such occupations in the telephone industry as switchboard operators; service assistants; operating room instructors; and pay-station attendants. In 1977, such employees made up 20 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.
[4] Data relate to employees in such occupations in the telphone industry as central office craft persons; installation and exchange repair craft persons; line, cable and conduit craft persons; and laborers. In 1977, such employees made up 37 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.
[5] Money payments only; tips, not included.
[6] Data for nonoffice sales agents excluded from all series in this division.
- Data not available.
p = preliminary.

NOTE: Data from April 1981 forward are subject to revision when more recent benchmark data are introduced. See "Benchmark adjustment" in the Explanatory Notes of this publication.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		May 1981	June 1981	Apr. 1982	May 1982P	June 1982P	May 1981	June 1981	Apr. 1982	May 1982P	June 1982P
	SERVICES	32.5	32.7	32.5	32.4	32.7	-	-	-	-	-
	HOTELS AND OTHER LODGING PLACES										
701	Hotels, motels, and tourist courts[2]	30.8	31.0	30.0	30.5	-	-	-	-	-	-
	PERSONAL SERVICES										
721	Laundry, cleaning, and garment services	33.8	33.8	33.2	33.6	-	-	-	-	-	-
723	Beauty shops[3]	30.0	30.0	30.5	30.8	-	-	-	-	-	-
73	BUSINESS SERVICES	32.8	32.9	32.6	32.7	-	-	-	-	-	-
731	Advertising	35.7	35.6	35.9	35.6	-	-	-	-	-	-
734	Services to buildings	27.4	27.3	26.4	26.7	-	-	-	-	-	-
737	Computer and data processing services	37.3	37.1	37.0	37.1	-	-	-	-	-	-
75	AUTO REPAIR, SERVICES, AND GARAGES	37.8	38.2	37.7	37.8	-	-	-	-	-	-
753	Automotive repair shops	39.2	39.5	39.1	38.8	-	-	-	-	-	-
76	MISCELLANEOUS REPAIR SERVICES	38.9	39.3	38.2	38.4	-	-	-	-	-	-
78	MOTION PICTURES	26.1	27.0	25.9	24.8	-	-	-	-	-	-
781	Motion picture production and services	37.7	38.0	38.0	34.3	-	-	-	-	-	-
79	AMUSEMENT AND RECREATION SERVICES	29.0	30.5	29.6	29.1	-	-	-	-	-	-
80	HEALTH SERVICES	32.7	32.9	32.7	32.7	-	-	-	-	-	-
801	Offices of physicians	32.2	32.2	31.8	31.7	-	-	-	-	-	-
802	Offices of dentists	28.3	28.1	28.0	27.9	-	-	-	-	-	-
805	Nursing and personal care facilities	30.8	31.0	31.3	31.5	-	-	-	-	-	-
806	Hospitals	33.9	34.2	33.9	33.8	-	-	-	-	-	-
81	LEGAL SERVICES	34.1	34.1	34.6	34.2	-	-	-	-	-	-
89	MISCELLANEOUS SERVICES	37.7	38.1	39.1	38.2	-	-	-	-	-	-
891	Engineering and architectural services	38.7	39.0	39.0	39.9	-	-	-	-	-	-
893	Accounting, auditing, and bookkeeping	37.9	37.6	40.4	37.1	-	-	-	-	-	-

C-3. Average hourly earnings excluding overtime of production workers on manufacturing payrolls by industry

Major industry group	Average hourly earnings excluding overtime[1]				
	May 1981	June 1981	Apr. 1982	May 1982[p]	June 1982[p]
MANUFACTURING	$7.68	$7.69	$8.19	$8.22	$8.26
DURABLE GOODS	8.12	8.13	8.72	8.78	8.82
Lumber and wood products	6.68	6.65	7.05	7.10	—
Furniture and fixtures	5.78	5.79	6.11	6.15	—
Stone, clay, and glass products	7.85	7.85	8.26	8.33	—
Primary metal industries	10.27	10.33	10.87	10.97	—
Fabricated metal products	7.88	7.92	8.49	8.57	—
Machinery, except electrical	8.39	8.39	9.00	9.03	—
Electric and electronic equipment	7.30	7.35	7.87	7.89	—
Transportation equipment	9.88	10.01	10.57	10.69	—
Instruments and related products	7.10	7.13	7.92	8.02	—
Miscellaneous manufacturing industries	5.78	5.78	6.21	6.25	—
NONDURABLE GOODS	6.95	6.97	7.33	7.32	7.36
Food and kindred products	7.09	7.09	7.60	7.59	—
Tobacco manufactures	8.60	8.13	8.92	8.78	—
Textile mill products	5.19	5.19	5.63	5.61	—
Apparel and other textile products	5.05	5.05	5.42	5.09	—
Paper and allied products	8.00	8.11	8.59	8.75	—
Printing and publishing	7.83	7.86	8.16	8.20	—
Chemicals and allied products	8.65	8.72	9.00	9.02	—
Petroleum and coal products	10.78	10.83	11.98	11.90	—
Rubber and miscellaneous plastics products	6.86	6.86	7.30	7.29	—
Leather and leather products	5.86	5.86	6.23	6.18	—

[1] Data refer to gross hourly earnings of production workers before deductions for social security, income taxes, and other items. Overtime premiums are excluded because they are paid at the rate of time and one-half. [p] preliminary.

C-4. Gross average weekly earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division, in current and constant (1977) dollars

Industry	May 1981	June 1981	Apr. 1982	May 1982[p]	June 1982[p]
TOTAL PRIVATE					
Current dollars	$240.10	$238.00	$252.27	$255.52	$255.00
Constant (1977) dollars	170.10	170.00	167.00	168.16	—
MINING					
Current dollars	329.65	320.05	358.76	353.00	$351.00
Constant (1977) dollars	234.44	228.66	238.00	232.36	—
CONSTRUCTION					
Current dollars	301.00	304.81	315.33	320.00	$327.11
Constant (1977) dollars	213.12	217.76	208.80	211.60	—
MANUFACTURING					
Current dollars	312.80	300.30	325.05	330.55	$331.50
Constant (1977) dollars	218.16	218.31	209.30	209.11	—
TRANSPORTATION AND PUBLIC UTILITIES					
Current dollars	376.10	361.50	393.33	396.00	$398.10
Constant (1977) dollars	263.61	258.20	261.21	260.10	—
WHOLESALE AND RETAIL TRADE					
Current dollars	188.80	190.41	195.01	191.30	$190.33
Constant (1977) dollars	127.00	127.93	125.30	125.36	—
FINANCE, INSURANCE, AND REAL ESTATE					
Current dollars	228.63	228.63	240.32	235.30	$231.15
Constant (1977) dollars	152.18	150.80	153.20	155.81	—
SERVICES					
Current dollars	206.05	206.00	221.33	221.63	$222.36
Constant (1977) dollars	139.58	138.95	141.61	140.35	—

[1] For average hours, see footnote 1, table B-2. [p] preliminary.

C 5. Indexes of aggregate weekly hours and payrolls of production or nonsupervisory workers' on private nonagricultural payrolls by industry division and major manufacturing group

(1977=100)

Industry division and group	May 1981	June 1981	Apr. 1982	May 1982	June 1982
	Hours				
TOTAL PRIVATE	102.9	102.9	103.9	105.1	106.5
GOODS PRODUCING	101.9	102.1	91.1	92.7	93.9
MINING	116.9	118.6	115.9	112.7	120.1
CONSTRUCTION	111.0	115.0	96.9	105.0	107.8
MANUFACTURING	99.5	100.5	88.1	89.7	94.5
DURABLE GOODS	100.5	101.2	87.2	87.9	88.1
[illegible]	93.2	94.3	75.2	78.3	82.1
[illegible]	97.9	99.2	87.4	86.5	88.2
[illegible]	93.5	95.3	79.5	81.0	83.5
[illegible]	94.5	95.2	78.2	77.0	72.3
[illegible]	98.4	99.3	88.6	88.8	85.5
[illegible]	110.7	111.0	93.1	91.5	95.7
[illegible]	106.2	107.2	91.0	91.2	98.2
[illegible]	95.9	95.0	80.5	82.9	87.5
[illegible]	113.8	114.7	106.5	108.0	108.0
[illegible]	90.9	92.8	83.1	83.5	88.6
NONDURABLE GOODS	98.8	99.5	88.5	90.9	91.6
[illegible]	95.5	97.3	88.9	91.6	94.2
[illegible]	97.6	99.7	90.1	93.7	93.6
[illegible]	90.3	91.9	75.7	77.9	75.6
[illegible]	96.9	98.2	84.7	86.1	87.7
[illegible]	99.3	101.2	93.9	92.9	93.1
[illegible]	105.5	105.2	105.8	105.9	105.2
[illegible]	102.2	103.5	95.8	95.8	96.6
[illegible]	101.3	101.9	89.8	91.1	102.2
[illegible]	102.5	103.8	93.9	93.5	95.1
[illegible]	91.9	96.1	79.9	80.9	83.1
SERVICE PRODUCING	111.3	111.1	110.9	111.9	111.9
TRANSPORTATION AND PUBLIC UTILITIES	103.9	104.1	101.1	102.1	101.9
WHOLESALE AND RETAIL TRADE	105.5	104.8	103.9	105.9	104.1
WHOLESALE TRADE	111.9	112.1	108.8	107.6	110.3
RETAIL TRADE	104.2	103.8	102.1	103.1	103.0
FINANCE, INSURANCE, AND REAL ESTATE	116.8	118.1	116.9	117.1	118.5
SERVICES	118.9	120.6	121.1	121.1	121.0

[illegible] [illegible]

ESTABLISHMENT DATA
HOURS AND EARNINGS

C-5. Indexes of aggregate weekly hours and payrolls of production or nonsupervisory workers' on private nonagricultural payrolls by industry division and major manufacturing group—Continued

(1977=100)

Industry division and group	May 1981	June 1981	Apr. 1982	May 1982P	June 1982P
	Payrolls				
TOTAL PRIVATE	147.5	150.9	149.9	152.9	154.7
GOODS-PRODUCING	141.1	145.4	134.7	138.4	140.7
MINING	163.1	192.5	207.6	204.1	200.5
CONSTRUCTION	144.7	151.1	134.1	148.2	152.0
MANUFACTURING	138.8	141.1	130.6	132.0	134.1
DURABLE GOODS	140.4	142.5	128.6	130.1	131.8
Lumber and wood products	126.6	131.2	106.9	115.1	120.8
Furniture and fixtures	131.7	134.8	125.0	124.7	126.1
Stone, clay, and glass products	131.9	136.3	119.4	124.0	127.5
Primary metal industries	136.3	138.2	112.6	107.8	110.8
Fabricated metal products	135.9	138.3	124.5	126.2	127.6
Machinery, except electrical	154.6	156.5	146.3	144.6	142.9
Electric and electronic equipment	148.0	150.4	144.5	145.4	147.4
Transportation equipment	135.9	136.2	120.4	126.1	128.3
Instruments and related products	156.4	159.0	162.5	167.1	167.7
Miscellaneous manufacturing industries	123.2	125.3	121.1	122.2	124.4
NONDURABLE GOODS	136.1	138.8	134.1	135.3	138.0
Food and kindred products	131.8	134.2	130.8	134.7	138.4
Tobacco manufactures	143.2	151.2	145.2	142.5	157.9
Textile mill products	122.2	124.2	111.5	111.8	109.8
Apparel and other textile products	131.4	134.8	121.1	122.6	124.9
Paper and allied products	140.2	145.2	142.2	141.1	144.2
Printing and publishing	140.5	143.8	148.5	148.1	148.9
Chemicals and allied products	142.9	145.9	145.5	146.3	149.4
Petroleum and coal products	154.8	155.8	151.4	154.2	163.1
Rubber and misc. plastics products	141.2	143.2	135.4	136.5	140.2
Leather and leather products	127.8	132.7	115.7	118.3	121.1
SERVICE PRODUCING	152.1	154.7	160.8	163.1	164.6
TRANSPORTATION AND PUBLIC UTILITIES	143.5	147.4	147.0	149.0	150.4
WHOLESALE AND RETAIL TRADE	145.1	147.8	150.2	153.4	155.4
WHOLESALE TRADE	154.8	156.7	161.0	163.3	164.4
RETAIL TRADE	139.9	143.0	144.4	148.1	150.5
FINANCE, INSURANCE, AND REAL ESTATE	160.7	162.8	170.2	174.9	174.1
SERVICES	162.1	164.2	177.2	178.4	179.8

C-6. Average weekly hours of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division and major manufacturing group, seasonally adjusted

Industry	1981							1982					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May p	June p
TOTAL PRIVATE	35.2	35.3	35.2	35.0	35.1	35.1	35.0	34.9	35.0	34.9	34.9	34.9	34.8
MINING	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
CONSTRUCTION	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
MANUFACTURING	40.1	40.0	39.9	39.4	39.5	39.3	39.1	37.6	39.8	39.0	39.0	39.1	39.1
Overtime hours	3.0	3.0	3.0	2.7	2.7	2.5	2.4	2.3	2.4	2.3	2.4	2.3	2.4
DURABLE GOODS	40.5	40.5	40.4	39.7	40.0	39.7	39.5	38.2	39.8	39.5	39.5	39.5	39.6
Overtime hours	3.0	3.0	3.0	2.7	2.6	2.4	2.3	2.2	2.2	2.2	2.2	2.2	2.3
Lumber and wood products	38.9	38.7	38.4	37.6	37.8	37.7	37.7	35.0	37.9	37.6	37.6	38.4	37.7
Furniture and fixtures	38.8	38.6	38.4	37.4	38.0	37.6	37.9	33.6	37.7	37.3	37.4	37.5	37.6
Stone, clay, and glass products	40.7	40.6	40.7	40.3	40.1	40.1	39.7	38.6	40.1	40.0	40.0	40.2	40.3
Primary metal industries	40.9	40.7	40.8	40.6	40.0	39.6	39.2	38.3	39.4	38.8	38.5	38.5	39.1
Fabricated metal products	40.6	40.5	40.4	39.6	40.0	39.7	39.5	38.1	39.7	39.5	39.4	39.5	39.4
Machinery, except electrical	41.1	41.2	41.1	40.3	40.8	40.7	40.4	39.3	40.7	40.2	40.1	39.7	39.6
Electric and electronic equipment	40.2	40.4	40.3	39.7	39.8	39.4	39.5	38.3	39.8	39.4	39.3	39.4	39.8
Transportation equipment	41.4	41.2	41.2	40.1	40.6	40.4	39.7	39.0	40.5	40.4	41.1	41.0	41.5
Instruments and related products	40.4	40.5	40.6	40.4	40.3	40.2	39.9	39.0	39.9	39.9	39.9	40.1	39.8
Miscellaneous manufacturing ind	39.0	39.0	38.9	38.4	38.9	39.0	38.5	37.3	38.6	38.6	38.5	38.7	38.6
NONDURABLE GOODS	39.4	39.2	39.2	38.9	38.9	38.7	38.6	36.8	38.9	38.5	38.4	38.5	38.5
Overtime hours	2.9	2.9	2.9	2.8	2.8	2.7	2.6	2.5	2.6	2.5	2.6	2.5	2.6
Food and kindred products	39.7	39.5	39.4	39.3	39.5	39.5	39.6	39.1	40.2	39.5	39.4	39.3	39.6
Tobacco manufactures	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Textile mill products	40.1	40.1	39.8	38.8	39.0	38.7	37.8	32.3	38.3	37.6	37.7	37.9	37.9
Apparel and other textile products	35.9	35.8	35.9	35.2	35.5	35.5	35.1	31.4	35.5	35.0	34.7	34.8	34.8
Paper and allied products	42.7	42.7	42.5	43.0	42.4	42.0	41.8	41.3	42.3	41.8	42.1	41.8	41.7
Printing and publishing	37.4	37.3	37.3	37.1	37.1	37.1	37.1	36.9	37.4	37.1	37.1	36.9	37.1
Chemicals and allied products	41.7	41.7	41.7	42.2	41.5	41.2	41.3	41.0	41.2	40.7	40.7	41.0	40.9
Petroleum and coal products	43.4	43.1	42.9	43.1	42.2	42.5	42.7	44.3	43.5	43.5	44.0	44.3	44.5
Rubber and misc. plastics products	40.9	40.5	40.5	39.7	39.9	39.6	39.4	37.9	40.0	39.6	39.8	39.9	40.0
Leather and leather products	37.1	36.4	36.7	36.2	36.7	36.5	36.1	34.1	35.6	35.8	35.6	35.9	35.7
TRANSPORTATION AND PUBLIC UTILITIES	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
WHOLESALE AND RETAIL TRADE	32.1	32.2	32.2	32.1	32.0	32.1	32.0	31.7	32.0	31.9	31.8	32.0	31.9
WHOLESALE TRADE	38.5	38.6	38.6	38.5	38.4	38.5	38.4	38.1	38.5	38.4	38.3	38.5	38.7
RETAIL TRADE	30.0	30.1	30.1	30.1	29.9	30.0	29.9	29.7	29.9	29.8	29.8	30.0	29.8
FINANCE, INSURANCE, AND REAL ESTATE	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
SERVICES	32.5	32.6	32.5	32.5	32.6	32.6	32.6	32.5	32.6	32.6	32.7	32.6	32.6

[1] For coverage of series, see footnote 1, table B-2.

[2] This series is not published seasonally adjusted since the seasonal component is small relative to the trend-cycle and/or irregular components and consequently cannot be separated with sufficient precision.

p preliminary

ESTABLISHMENT DATA
SEASONALLY ADJUSTED

C-7. Indexes of aggregate weekly hours of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division and major manufacturing group, seasonally adjusted

(1977=100)

Industry division and group	1981							1982					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May p	June p
TOTAL PRIVATE	108.2	108.8	108.5	107.8	107.7	107.3	106.3	106.3	106.2	105.6	105.2	105.6	105.0
GOODS PRODUCING	102.1	102.6	102.0	99.8	99.7	98.9	96.3	91.4	95.6	93.9	93.0	93.3	92.1
MINING	131.7	140.4	142.9	142.7	143.9	145.0	145.5	141.6	143.7	142.6	138.4	139.1	126.9
CONSTRUCTION	107.6	108.8	107.4	102.4	106.1	106.9	104.2	96.8	102.9	101.1	100.9	104.6	101.2
MANUFACTURING	99.6	99.7	99.0	97.3	96.4	94.6	92.5	88.0	91.9	90.3	89.3	89.2	88.8
DURABLE GOODS	100.3	100.3	99.6	97.4	96.4	94.0	91.4	87.3	90.6	89.1	87.8	87.7	87.3
Lumber and wood products	90.6	89.8	87.3	84.1	81.8	79.2	77.2	78.9	77.5	76.1	77.6	79.5	79.1
Furniture and fixtures	99.7	99.7	98.7	95.6	95.9	93.1	92.6	80.9	90.0	88.3	87.8	88.1	88.6
Stone, clay, and glass products	92.0	92.0	91.8	90.1	88.2	86.6	83.9	79.3	82.4	81.1	80.2	81.1	80.6
Primary metal industries	94.1	93.3	93.4	92.3	88.6	85.4	81.9	78.5	79.7	77.1	73.6	71.1	71.5
Fabricated metal products	98.4	98.7	97.8	95.4	94.2	91.6	89.3	85.1	88.1	87.0	85.8	85.6	84.8
Machinery, except electrical	111.1	111.7	111.9	109.6	110.4	108.7	106.2	101.6	104.4	101.5	99.2	97.8	95.6
Electric and electronic equipment	106.8	107.8	107.6	105.7	104.9	101.5	99.6	97.2	100.4	98.6	97.8	97.9	98.1
Transportation equipment	94.7	93.4	91.6	88.2	87.6	85.4	80.7	78.3	81.8	81.7	81.4	82.2	83.2
Instruments and related products	113.6	114.6	114.7	114.1	113.0	111.7	110.6	107.3	109.3	108.5	107.4	108.2	107.4
Miscellaneous manufacturing ind	91.3	93.7	91.4	90.5	91.1	91.0	89.3	84.8	86.8	86.2	84.2	88.4	83.6
NONDURABLE GOODS	98.6	98.6	98.1	97.2	96.5	95.4	94.1	89.0	93.8	92.0	91.5	91.4	90.9
Food and kindred products	98.2	98.2	96.7	96.3	97.2	97.3	97.7	95.6	98.9	96.8	95.5	95.7	95.4
Tobacco manufactures	97.1	101.7	104.8	98.3	96.1	94.6	92.1	93.6	94.6	93.6	89.6	88.0	89.6
Textile mill products	90.1	90.8	89.3	87.0	85.8	83.9	80.7	67.7	79.9	76.5	78.0	77.0	74.6
Apparel and other textile products	95.3	95.3	95.3	93.4	93.3	92.7	90.5	79.6	90.0	87.7	85.3	85.3	85.1
Paper and allied products	100.0	100.1	99.5	101.6	98.3	96.6	95.2	93.7	95.4	93.9	94.0	93.0	92.0
Printing and publishing	106.9	106.8	107.0	106.7	106.8	106.5	106.5	105.8	107.2	106.7	106.2	105.8	105.9
Chemicals and allied products	102.3	102.2	102.2	103.2	100.9	99.5	98.9	97.6	97.6	96.4	95.3	95.8	95.6
Petroleum and coal products	105.2	104.5	102.5	102.9	100.1	100.0	99.7	98.7	96.1	96.1	96.5	97.3	99.9
Rubber and misc. plastics products	103.6	103.3	103.6	100.6	99.0	96.3	94.3	90.0	94.0	92.3	94.0	94.8	94.9
Leather and leather products	91.1	91.2	91.0	89.3	90.1	88.3	85.1	79.1	79.5	79.5	79.5	79.3	78.4
SERVICE PRODUCING	111.6	112.1	112.1	112.2	112.1	112.2	111.8	111.4	112.1	112.0	111.9	112.4	112.0
TRANSPORTATION AND PUBLIC UTILITIES	105.7	105.8	105.2	105.2	104.2	104.4	103.6	102.8	103.7	103.3	102.8	103.0	101.6
WHOLESALE AND RETAIL TRADE	106.1	106.7	106.9	106.8	106.2	106.3	105.4	105.2	106.3	105.9	105.5	106.5	106.1
WHOLESALE TRADE	111.7	112.3	112.4	112.0	111.6	111.8	111.0	109.7	110.7	110.2	109.5	110.2	110.2
RETAIL TRADE	104.0	104.6	104.8	104.9	104.1	104.3	103.3	103.4	104.6	104.2	103.9	105.1	104.6
FINANCE, INSURANCE, AND REAL ESTATE	117.2	117.6	117.9	117.4	117.6	117.4	117.4	116.9	116.8	117.1	117.0	117.9	117.8
SERVICES	118.7	119.4	119.3	119.6	120.4	120.6	120.8	120.3	120.9	121.1	121.5	121.3	121.4

[1] For coverage of series, see footnote 1, table B-2.

p preliminary

C-8. Hourly Earnings Index and average hourly and weekly earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls, seasonally adjusted

Industry	1981							1982					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May [P]	June [P]
Hourly Earnings Index[2] (1977=100)													
TOTAL PRIVATE (In current dollars)	138.4	139.1	140.5	141.4	142.0	143.0	143.5	144.9	145.0	145.4	146.3	147.6	147.9
MINING[3]	147.4	149.0	149.5	151.7	151.4	153.4	153.4	156.2	156.0	156.8	156.5	157.9	158.2
CONSTRUCTION	130.9	132.2	132.8	133.5	134.7	135.7	136.6	139.9	137.9	138.1	138.7	139.7	139.9
MANUFACTURING	141.5	142.4	143.5	144.7	145.4	146.4	146.9	148.9	149.1	149.9	150.8	151.8	152.5
TRANSPORTATION AND PUBLIC UTILITIES	139.6	139.0	141.6	141.5	142.3	143.5	144.3	145.5	146.0	146.3	146.9	148.1	149.1
WHOLESALE AND RETAIL TRADE	137.6	138.4	139.7	141.0	140.5	141.3	141.7	142.1	142.5	142.8	143.7	145.2	145.2
FINANCE, INSURANCE, AND REAL ESTATE	137.1	137.8	140.1	140.4	141.4	142.6	142.8	143.1	143.3	143.8	144.9	147.9	146.6
SERVICES	136.7	137.4	139.2	139.7	140.9	142.2	142.6	143.4	143.7	143.9	145.1	146.4	146.5
TOTAL PRIVATE (In 1977 dollars)[4]	92.9	92.2	92.5	92.1	92.1	92.3	92.3	92.9	92.8	93.3	93.7	93.7	-
Average hourly earnings													
TOTAL PRIVATE	$7.23	$7.27	$7.34	$7.37	$7.40	$7.45	$7.46	$7.52	$7.53	$7.54	$7.59	$7.65	$7.66
MINING	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
CONSTRUCTION	10.73	10.82	10.90	10.95	11.06	11.14	11.22	11.52	11.34	11.39	11.43	11.52	11.52
MANUFACTURING	7.99	8.03	8.09	8.14	8.16	8.20	8.20	8.38	8.34	8.37	8.44	8.48	8.53
TRANSPORTATION AND PUBLIC UTILITIES	9.70	9.68	9.84	9.86	9.89	9.97	10.02	10.09	10.13	10.15	10.18	10.25	10.31
WHOLESALE AND RETAIL TRADE	5.91	5.94	5.98	6.03	6.03	6.06	6.08	6.09	6.10	6.12	6.16	6.23	6.21
FINANCE, INSURANCE, AND REAL ESTATE	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
SERVICES	6.39	6.42	6.51	6.54	6.58	6.63	6.65	6.71	6.72	6.72	6.80	6.84	6.86
Average weekly earnings													
TOTAL PRIVATE													
Current dollars	254.50	256.63	258.37	257.95	259.74	261.50	261.10	258.69	263.55	263.15	264.89	266.99	266.57
1977 dollars[4]	170.92	170.18	170.09	168.05	168.44	168.82	167.91	165.93	168.62	168.79	169.69	169.41	-

[1] For coverage of series, see footnote 1, table B-2.

[2] The index excludes effects of two types of changes that are unrelated to underlying wage-rate developments. Fluctuations in overtime premiums in manufacturing (the only sector for which overtime data are available) and the effects of changes in the proportion of workers in high-wage and low-wage industries.

[3] The unadjusted data are shown because the seasonal component is small relative to the trend-cycle and/or irregular components and consequently cannot be separated with sufficient precision.

[4] The deflator for these series is derived from the Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W).

[5] See footnote 2, table C-6.

P = preliminary.

C-9. Hours of wage and salary workers[1] in nonagricultural establishments by industry division

Industry division	Millions of hours (Annual rate)[2]			Percent change		
	April R1982	May R1982	June P1982	June 1981 to June 1982	Apr. 1982 to May 1982	May 1982 to June 1982
TOTAL	167,565	167,800	166,263	-2.2	0.1	-0.9
PRIVATE SECTOR	136,164	136,499	135,121	-2.5	0.2	-1.0
MINING	2,661	2,564	2,421	-1.7	-3.6	-5.6
CONSTRUCTION	7,500	7,711	7,406	-6.2	2.8	-4.0
MANUFACTURING	39,013	38,973	38,535	-8.2	-0.1	-1.1
DURABLE GOODS	23,424	23,366	23,110	-9.6	-0.2	-1.1
NONDURABLE GOODS	15,589	15,607	15,425	-6.0	0.1	-1.2
TRANSPORTATION AND PUBLIC UTILITIES	10,360	10,352	10,240	-3.4	-0.1	-1.1
WHOLESALE AND RETAIL TRADE	34,330	34,524	34,310	-0.2	0.6	-0.6
FINANCE, INSURANCE, AND REAL ESTATE	10,046	10,121	10,064	0.8	0.7	-0.6
SERVICES	32,255	32,255	32,145	2.3	0.0	-0.3
GOVERNMENT	31,401	31,301	31,141	-1.0	-0.3	-0.5

[1] Data refer to hours of all employees—production workers, nonsupervisory workers and salaried workers—and are based largely on establishment data. See *BLS Handbook of Methods for Surveys and Studies*, BLS Bulletin 1910—Chapter 28, Productivity Measures: Private Economy and Major Sectors.

[2] "Annual rate" refers to total hours paid for 1 week in the month, expressed at a seasonally adjusted annual equivalent.

PRODUCTIVITY
SEASONALLY ADJUSTED

C-10. Indexes of output and compensation per hour, unit costs, and prices, private business sector, seasonally adjusted

(1977 = 100)

Item	Annual average		Quarterly indexes										
			1979		1980				1981				1982
	1980	1981	III	IV	I	II	III	IV	I	II	III	IV	I
PRIVATE BUSINESS SECTOR:													
Output per hour of all persons	99.3	100.4	99.4	99.1	99.5	99.1	99.4	99.1	100.3	101.2	100.9	99.2	98.9
Output	106.8	109.0	107.7	108.2	108.7	105.4	105.7	107.5	109.5	109.5	109.4	107.5	r106.4
Hours	107.5	108.5	108.4	109.1	109.2	106.4	106.3	108.4	109.2	108.2	108.4	108.4	r107.6
Compensation per hour	131.5	144.6	120.7	123.2	126.4	130.1	133.1	135.9	139.8	143.3	146.5	148.5	r151.2
Real compensation per hour	96.7	r95.3	99.2	98.0	96.7	96.6	96.9	96.0	96.1	96.9	96.3	95.8	r96.8
Unit labor costs	132.4	144.0	121.4	124.3	127.0	131.3	133.9	137.1	139.4	141.6	145.2	149.7	r152.8
Unit nonlabor payments	118.3	130.6	111.5	112.2	115.2	116.0	119.7	122.7	127.6	129.3	132.4	132.6	r129.2
Implicit price deflator	127.6	139.4	118.1	120.2	123.0	126.1	129.1	132.2	135.4	137.5	140.9	143.9	144.9
NONFARM BUSINESS SECTOR:													
Output per hour of all persons	98.8	99.7	98.9	98.8	98.9	98.2	99.0	99.0	100.0	100.4	99.9	98.2	98.3
Output	106.8	108.8	107.8	108.2	108.5	105.1	105.8	107.7	109.7	109.4	109.0	106.9	r106.2
Hours	108.1	109.1	109.0	109.4	109.7	107.0	106.9	108.8	109.7	109.0	109.1	108.9	108.0
Compensation per hour	130.8	143.9	120.2	123.0	126.0	129.4	132.3	135.4	139.2	142.4	145.7	147.9	r150.8
Real compensation per hour	96.2	95.9	98.8	97.8	96.4	96.0	96.3	95.7	95.7	96.3	95.8	95.4	r96.5
Unit labor costs	132.4	144.3	121.5	124.4	127.4	131.8	133.6	136.8	139.1	141.9	145.8	150.7	r153.3
Unit nonlabor payments	117.6	130.4	109.2	110.1	113.9	115.1	119.2	122.0	127.8	128.7	132.2	132.8	r129.7
Implicit price deflator	127.4	139.7	117.4	119.7	122.9	126.3	128.8	131.9	135.3	137.5	141.2	144.7	r145.4
MANUFACTURING:													
Output per hour of all persons	101.7	r104.0	102.0	102.1	102.1	100.8	100.7	103.1	r103.9	r104.8	105.0	102.0	r100.7
Output	103.6	r105.8	108.5	108.3	108.1	101.7	99.9	104.9	r106.7	r107.4	r107.3	101.9	r98.1
Hours	101.9	101.7	106.4	106.0	105.8	100.9	99.2	101.8	102.7	102.5	102.2	99.9	r97.4
Compensation per hour	131.6	146.2	119.8	122.3	125.4	130.0	133.9	137.3	141.1	144.8	148.0	150.8	154.7
Real compensation per hour	96.8	97.4	98.5	97.2	96.0	96.5	97.5	97.0	97.1	97.9	97.3	97.3	99.0
Unit labor costs	129.4	r140.6	117.5	119.8	122.8	129.0	133.0	133.2	r135.8	r138.2	141.0	147.8	r153.5
DURABLE GOODS													
Output per hour of all persons	99.7	r102.3	100.1	100.4	100.0	99.0	98.4	101.0	r102.1	r103.3	r103.3	100.1	r98.2
Output	102.9	r105.1	109.5	109.1	108.5	100.8	98.0	104.1	r106.0	r107.2	106.7	100.6	r95.8
Hours	103.2	102.8	109.3	108.7	108.4	101.8	99.7	103.0	103.9	103.7	103.3	100.4	r97.6
Compensation per hour	131.7	146.9	119.3	121.5	125.2	130.0	134.2	137.8	141.7	145.3	148.7	151.5	r155.3
Real compensation per hour	96.9	97.9	98.1	96.6	95.8	96.5	97.7	97.4	97.4	98.3	97.7	97.7	r99.4
Unit labor costs	132.1	143.6	119.2	121.1	125.1	131.3	136.4	136.4	r138.8	r140.7	r143.9	151.3	158.2
NONDURABLE GOODS													
Output per hour of all persons	104.9	r106.6	105.0	104.9	105.4	103.5	104.3	106.3	r106.7	r107.1	r107.7	104.8	r104.5
Output	104.8	r106.8	107.0	107.0	107.4	102.9	102.6	106.2	r107.6	107.7	r108.2	103.8	r101.5
Hours	99.9	100.2	101.9	102.0	102.0	99.5	98.4	99.9	100.9	100.6	100.5	99.1	r97.1
Compensation per hour	130.9	144.7	119.9	122.9	125.0	129.6	133.3	136.0	139.7	143.3	146.4	149.2	r153.4
Real compensation per hour	96.3	96.4	98.5	97.7	95.7	96.2	97.1	96.1	96.1	96.9	96.2	96.3	r98.2
Unit labor costs	124.8	r135.7	114.2	117.2	118.7	125.3	127.8	127.9	r130.9	r133.8	136.0	142.4	r146.8
NONFINANCIAL CORPORATIONS:													
Output per all-employee hour	101.0	103.5	100.5	99.9	100.2	100.1	101.8	101.8	103.4	104.0	103.8	102.4	p102.3
Output	108.5	112.3	109.4	109.3	109.9	106.8	107.7	109.7	112.8	112.8	112.8	110.5	p109.2
Hours	107.5	108.5	108.9	109.4	109.6	106.7	105.8	107.8	109.1	108.5	108.6	108.0	p106.8
Compensation per hour	130.7	143.9	120.1	122.7	125.7	129.3	132.5	135.5	139.3	142.4	145.5	148.0	p151.1
Real compensation per hour	96.2	95.9	98.7	97.5	96.2	95.9	96.5	95.7	95.8	96.3	95.7	95.5	p 96.7
Total unit costs	129.7	140.9	118.2	121.3	124.2	129.2	131.1	134.1	136.0	138.7	142.2	147.0	p150.0
Unit labor costs	129.4	139.0	119.5	122.8	125.4	129.1	130.2	133.1	134.7	137.0	140.2	144.6	p147.7
Unit nonlabor costs	130.2	146.1	114.6	117.2	120.9	129.3	133.8	136.9	139.5	143.6	147.7	153.8	p156.3
Unit profits	90.2	103.6	97.5	92.2	95.5	83.4	89.1	92.4	106.8	102.8	106.7	96.6	p 80.7
Implicit price deflator	125.2	136.7	115.9	118.1	121.0	124.1	126.4	129.5	132.7	134.7	138.2	141.4	p142.2

p=preliminary
r=revised

C-11. Percent changes from preceding quarter and year in productivity, hourly compensation, unit costs, and prices, private business sector, seasonally adjusted at annual rate

Item	Quarterly percent change						Annual percent change					
	1980 III to 1980 IV	1980 IV to 1981 I	1981 I to 1981 II	1981 II to 1981 III	1981 III to 1981 IV	1981 IV to 1982 I	1979 IV to 1980 IV	1980 I to 1981 I	1980 II to 1981 II	1980 III to 1981 III	1980 IV to 1981 IV	1981 I to 1982 I
PRIVATE BUSINESS SECTOR:												
Output per hour of all persons	-1.1	4.7	3.5	-1.1	-6.6	r-0.9	0.0	0.8	2.1	1.5	0.0	-1.4
Output	6.9	7.9	-0.1	-0.3	-6.8	r-3.9	-0.7	0.8	3.9	3.5	0.0	r-2.8
Hours	8.1	3.0	-3.5	0.8	-0.2	r-3.0	-0.7	0.0	1.7	2.0	0.0	r-1.5
Compensation per hour	8.6	11.9	10.4	9.3	5.5	r7.6	10.3	10.6	10.1	10.1	9.3	r8.2
Real compensation per hour	-3.8	0.5	3.2	-2.3	-2.1	r4.2	-2.0	-0.6	0.3	-0.6	-0.2	r0.7
Unit labor costs	9.8	6.9	6.6	10.6	13.0	r8.6	10.3	9.7	7.8	8.5	9.3	r9.7
Unit nonlabor payments	10.2	17.1	5.3	10.1	0.4	r- 9.7	9.3	10.8	11.5	10.6	8.1	r1.3
Implicit price deflator	9.9	10.0	6.2	10.4	8.9	r2.6	10.0	10.1	9.0	9.1	8.9	7.0
NONFARM BUSINESS SECTOR:												
Output per hour of all persons	-0.2	4.4	1.4	-1.7	-6.9	r0.5	0.2	1.2	2.3	0.9	-0.8	r-1.7
Output	7.1	7.9	-1.1	-1.4	-7.7	r-2.5	-0.5	1.1	4.1	3.0	-0.7	r-3.2
Hours	7.3	3.4	-2.5	0.4	-0.9	r-3.0	-0.6	-0.1	1.8	2.1	0.1	r-1.5
Compensation per hour	9.8	11.7	9.6	9.5	6.3	r7.9	10.1	10.5	10.0	10.2	9.3	r8.3
Real compensation per hour	-2.7	0.3	2.5	-2.2	-1.4	r4.5	-2.2	-0.7	0.3	-0.6	-0.2	r0.8
Unit labor costs	10.1	7.0	8.1	11.5	14.1	r7.3	9.9	9.2	7.6	9.2	10.1	r10.2
Unit nonlabor payments	9.9	20.2	3.0	11.3	1.8	r- 9.0	10.8	12.2	11.8	10.9	8.8	r1.5
Implicit price deflator	10.0	11.0	6.5	11.4	10.1	r2.1	10.2	10.1	8.9	9.7	9.7	7.5
MANUFACTURING:												
Output per hour of all persons	9.8	r3.1	r3.5	r0.9	r-11.0	r-4.9	1.0	r1.8	r4.0	r4.3	-1.1	-3.0
Output	21.8	r6.8	r2.8	r-0.4	r-18.7	r-14.1	-3.1	r-1.3	r 5.6	7.4	-2.9	r-8.1
Hours	11.0	3.6	-0.8	-1.2	-8.7	r-9.7	-4.0	-3.0	1.6	3.0	-1.9	r-5.2
Compensation per hour	10.5	11.6	10.8	9.3	7.6	r10.7	12.3	12.5	11.4	10.5	9.8	9.6
Real compensation per hour	-2.2	0.2	3.5	-2.4	-0.2	r7.2	-0.2	1.1	1.5	-0.2	0.3	2.0
Unit labor costs	0.6	r8.2	r7.0	r8.3	r20.9	r16.5	11.2	r10.6	r7.1	6.0	11.0	13.0
DURABLE GOODS												
Output per hour of all persons	11.3	r4.3	r4.9	r0.0	r-11.7	r-7.5	0.6	r2.1	r4.3	5.0	-0.9	r-3.8
Output	26.9	r7.8	r4.3	r-1.7	r-21.1	r-17.6	-4.6	r-2.2	r6.3	8.8	-3.4	r-9.6
Hours	14.1	3.4	-0.5	-1.7	-10.7	r-11.0	-5.2	-4.2	1.9	3.6	-2.5	r-6.1
Compensation per hour	11.2	11.8	10.7	9.5	7.8	r10.5	13.4	13.2	11.8	10.8	9.9	r9.6
Real compensation per hour	-1.4	0.3	3.5	-2.1	0.0	r7.0	0.8	1.7	1.9	0.0	0.4	r2.0
Unit labor costs	0.0	r7.2	r5.6	r9.5	r22.0	19.5	12.7	r10.9	r7.2	r5.5	10.9	r13.9
NONDURABLE GOODS												
Output per hour of all persons	7.9	r1.4	r1.6	r2.1	r-10.1	r-1.3	1.4	r1.3	r3.5	3.2	-1.4	r-2.1
Output	14.9	r5.6	r0.4	r1.5	r-15.0	r- 8.8	-0.7	r0.2	r4.7	5.4	-2.2	r-5.7
Hours	6.4	3.9	-1.1	-0.6	-5.4	r-7.7	-2.1	-1.0	1.1	2.1	-0.9	-3.7
Compensation per hour	8.2	11.4	10.7	8.9	8.0	r11.5	10.6	11.7	10.5	9.8	9.8	9.8
Real compensation per hour	-4.2	0.0	3.5	-2.7	0.2	r8.0	-1.7	0.4	0.7	-0.9	0.2	2.2
Unit labor costs	0.2	r9.8	r9.0	r6.7	r20.2	r13.0	9.1	r10.3	r6.8	6.4	11.3	p12.1
NONFINANCIAL CORPORATIONS:												
Output per all employee hour	0.0	6.6	2.2	-0.5	-5.5	p-0.3	1.9	3.2	3.8	2.0	0.6	p-1.1
Output	7.9	11.5	0.1	-0.1	-7.8	p-4.7	0.4	2.6	5.6	4.7	0.7	p-3.2
Hours	7.9	4.6	-2.0	0.5	-2.4	p-4.4	-1.5	-0.5	1.7	2.7	0.1	p-2.1
Compensation per hour	9.4	11.7	9.3	9.1	6.9	p 8.6	10.4	10.8	10.1	9.9	9.2	p 8.5
Real compensation per hour	-3.1	0.3	2.1	-2.5	-0.8	p 5.2	-1.9	-0.4	0.4	-0.8	-0.3	p 0.9
Total unit costs	9.4	5.6	8.4	10.3	14.4	p 8.3	10.5	9.5	7.4	8.4	9.6	p10.3
Unit labor costs	9.4	4.8	7.0	9.7	13.2	p 8.9	8.4	7.4	6.1	7.7	8.6	p 9.7
Unit nonlabor costs	9.5	7.9	12.3	11.8	17.6	p 6.7	16.8	15.4	11.1	10.4	12.3	p12.0
Unit profits	15.7	77.9	-13.9	15.7	-32.6	p-51.4	0.3	11.8	23.3	19.7	4.5	p-24.4
Implicit price deflator	9.9	10.4	6.2	10.7	9.6	p 2.4	9.6	9.7	8.6	9.3	9.2	p7.2

p=preliminary.
r=revised.

C-12. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	MAY 1981	APR. 1982	MAY 1982P	MAY 1981	APR. 1982	MAY 1982P	MAY 1981	APR. 1982	MAY 1982
ALABAMA	$278.70	$287.73	$283.81	40.1	39.2	39.2	$6.95	$7.34	$7.2
Birmingham	312.43	320.68	314.70	39.8	38.8	38.9	7.85	8.27	8.0
Mobile	349.66	407.55	(*)	40.8	41.8	(*)	8.57	9.75	(*)
ALASKA	503.26	(*)	(*)	43.8	(*)	(*)	11.49	(*)	(*)
ARIZONA	319.54	329.84	341.43	40.5	38.0	39.2	7.89	8.68	8.7
ARKANSAS	247.42	254.26	257.52	40.1	38.7	38.9	6.17	6.57	6.6
Fayetteville—Springdale	227.61	237.58	234.47	40.5	39.4	38.5	5.62	6.03	6.0
Fort Smith	250.24	245.24	247.11	39.1	38.2	37.9	6.40	6.42	6.5
Little Rock—North Little Rock	279.10	291.08	303.77	40.1	38.2	39.4	6.96	7.62	7.7
Pine Bluff	311.36	340.72	342.79	40.7	41.4	41.3	7.65	8.23	8.3
CALIFORNIA	334.32	353.47	361.17	39.8	38.8	39.3	8.40	9.11	9.1
COLORADO	325.14	329.33	332.54	39.7	39.3	39.4	8.19	8.38	8.4
Denver—Boulder	324.35	330.85	333.20	39.7	39.2	39.2	8.17	8.44	8.5
CONNECTICUT	318.24	330.08	331.29	41.6	40.6	40.5	7.65	8.13	8.1
Bridgeport	336.26	339.90	344.87	43.0	41.2	41.5	7.82	8.25	8.3
Hartford	333.29	354.14	358.28	41.3	40.8	40.9	8.07	8.68	8.7
New Britain	330.85	329.26	325.01	42.2	40.4	39.3	7.84	8.15	8.2
New Haven—West Haven	293.78	306.50	311.20	39.7	38.7	38.9	7.40	7.92	8.0
Stamford	293.76	298.19	298.65	41.2	39.6	39.4	7.13	7.53	7.5
Waterbury	270.67	270.24	274.28	41.9	39.8	40.1	6.46	6.79	6.8
DELAWARE	359.97	332.72	344.96	42.2	38.2	39.2	8.53	8.71	8.8
Wilmington	411.70	388.10	405.67	42.4	37.9	39.5	9.71	10.24	10.2
DISTRICT OF COLUMBIA:									
Washington SMSA	352.04	348.04	366.70	39.6	38.5	39.6	8.89	9.04	9.2
FLORIDA	260.82	266.34	269.19	40.5	38.6	38.9	6.44	6.90	6.9
Fort Lauderdale—Hollywood	248.47	252.32	263.82	40.8	38.0	39.2	6.09	6.64	6.7
Jacksonville	309.59	310.47	308.48	41.5	39.5	39.6	7.46	7.86	7.7
Lakeland—Winter Haven	305.64	284.47	292.44	43.6	39.4	40.9	7.01	7.22	7.1
Miami	231.90	219.75	228.48	40.9	37.5	38.4	5.67	5.86	5.9
Orlando	287.05	294.32	303.05	42.4	39.4	41.4	6.77	7.47	7.3
Pensacola	334.37	332.69	317.85	43.2	39.7	39.0	7.74	8.38	8.1
Tampa—St. Petersburg	269.45	265.27	266.73	41.2	38.5	38.6	6.54	6.89	6.9
West Palm Beach—Boca Raton	282.62	289.86	286.65	40.9	38.7	39.0	6.91	7.49	7.3
GEORGIA	254.75	258.34	261.86	40.5	38.5	39.2	6.29	6.71	6.6
Atlanta	303.48	313.39	320.35	39.8	38.5	39.5	7.62	8.14	8.1
Savannah	354.48	373.59	367.22	44.2	43.9	43.0	8.02	8.51	8.5
HAWAII	284.95	286.77	292.93	38.3	36.3	37.7	7.44	7.90	7.7
Honolulu	271.92	291.51	290.62	37.3	36.9	37.5	7.29	7.90	7.7
IDAHO	307.69	296.28	314.04	37.8	36.0	37.7	8.14	8.23	8.3
Boise City	273.02	285.60	299.66	37.4	35.7	36.5	7.30	8.00	8.2
ILLINOIS	359.31	359.68	364.02	40.6	38.8	39.1	8.85	9.27	9.3
Bloomington—Normal	320.38	318.14	310.27	39.7	36.4	35.5	8.07	8.74	8.7
Champaign—Urbana—Rantoul	311.18	338.42	336.10	38.8	38.5	38.9	8.02	8.79	8.6
Chicago SMSA	329.62	336.88	342.60	40.1	38.5	38.8	8.22	8.75	8.8
Davenport—Rock Island—Moline	429.72	459.39	460.59	39.9	38.8	39.0	10.77	11.84	11.8
Decatur	414.32	454.21	447.72	39.8	39.6	39.0	10.41	11.47	11.4
Kankakee	290.90	305.49	307.88	37.2	37.3	37.5	7.82	8.19	8.2
Peoria	468.43	475.64	478.76	39.9	36.9	37.2	11.74	12.89	12.8
Rockford	368.46	363.23	354.59	41.4	38.6	38.5	8.90	9.41	9.2
Springfield	376.10	418.00	433.54	39.3	40.0	40.9	9.57	10.45	10.6
INDIANA	376.12	381.02	381.81	40.4	39.2	39.2	9.31	9.72	9.7
Gary—Hammond—East Chicago	510.47	(*)	(*)	41.3	(*)	(*)	12.36	(*)	(*)
Indianapolis	371.90	(*)	(*)	40.6	(*)	(*)	9.16	(*)	(*)
IOWA	377.30	389.00	386.93	39.8	38.9	38.5	9.48	10.00	10.0
Cedar Rapids	384.08	405.82	397.77	40.6	40.3	39.5	9.46	10.07	10.0
Des Moines	378.62	410.12	405.30	38.4	38.8	38.2	9.86	10.57	10.6

See footnotes at end of table.

C-12. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas—Continued

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	MAY 1981	APR. 1982	MAY 1982P	MAY 1981	APR. 1982	MAY 1982P	MAY 1981	APR. 1982	MAY 1982P
IOWA—Continued									
Dubuque	$428.58	$429.48	$416.32	39.5	38.9	38.3	$10.85	$11.04	$10.87
Sioux City	322.79	346.58	361.34	39.9	39.7	40.6	8.09	8.73	8.90
Waterloo—Cedar Falls	509.04	500.25	517.18	39.8	38.1	38.0	12.79	13.13	13.61
KANSAS	325.51	328.77	331.39	41.1	39.0	38.4	7.92	8.43	8.63
Topeka	352.19	314.13	313.17	41.0	37.0	36.8	8.59	8.49	8.51
Wichita	365.09	363.26	367.29	42.7	39.7	38.5	8.55	9.15	9.54
KENTUCKY	310.80	313.66	318.97	40.0	37.7	38.2	7.77	8.32	8.35
Lexington—Fayette	314.76	326.48	338.72	39.1	37.7	38.8	8.05	8.66	8.73
Louisville	359.06	377.23	(*)	39.5	39.5	(*)	9.09	9.55	(*)
LOUISIANA	358.70	374.00	370.27	42.3	40.0	39.9	8.48	9.35	9.28
Baton Rouge	453.36	473.10	463.68	41.9	41.5	41.4	10.82	11.40	11.20
New Orleans	335.79	363.53	363.26	40.9	39.6	39.7	8.21	9.18	9.15
Shreveport	313.41	320.05	328.82	41.9	38.7	40.1	7.48	8.27	8.20
MAINE	263.90	283.61	278.50	40.6	40.4	39.9	6.50	7.02	6.98
Lewiston—Auburn	215.12	215.28	229.96	38.9	36.8	38.2	5.53	5.85	6.02
Portland	248.71	265.69	273.39	38.5	38.9	39.0	6.46	6.83	7.01
MARYLAND	331.17	336.30	332.60	39.9	38.7	38.9	8.30	8.69	8.55
Baltimore	349.40	358.89	352.34	40.3	39.7	39.5	8.67	9.04	8.92
MASSACHUSETTS	280.00	292.74	295.81	40.0	39.4	39.6	7.00	7.43	7.47
Boston	304.36	312.42	318.78	40.1	39.2	39.6	7.59	7.97	8.05
Brockton	226.06	235.93	238.70	39.8	38.3	38.5	5.68	6.16	6.20
Fall River	222.61	207.68	204.26	39.4	35.5	35.4	5.65	5.85	5.77
Lawrence—Haverhill	281.40	298.90	297.83	40.2	39.8	39.5	7.00	7.51	7.54
Lowell	253.59	259.49	261.30	39.5	38.5	39.0	6.42	6.74	6.70
New Bedford	239.90	255.84	262.36	38.2	38.3	39.1	6.28	6.68	6.71
Springfield—Chicopee—Holyoke	281.52	298.15	301.59	40.8	40.4	40.7	6.90	7.38	7.41
Worcester	286.88	301.86	303.42	39.9	39.0	38.8	7.19	7.74	7.82
MICHIGAN	437.09	451.07	462.02	41.8	40.4	41.0	10.46	11.16	11.28
Ann Arbor	514.48	497.44	506.63	45.2	42.4	42.9	11.37	11.74	11.82
Battle Creek	422.26	436.67	444.63	41.4	39.1	38.7	10.20	11.16	11.49
Bay City	390.51	376.37	385.44	41.5	39.7	38.8	9.40	9.47	9.42
Detroit	465.35	491.98	500.00	42.1	41.6	42.4	11.06	11.83	11.79
Flint	508.45	515.25	531.65	42.1	39.4	40.5	12.08	13.08	13.13
Grand Rapids	346.78	372.29	367.49	40.1	39.6	39.0	8.65	9.41	9.43
Jackson	416.02	396.95	396.79	44.7	40.3	40.2	9.31	9.86	9.88
Kalamazoo—Portage	417.32	399.53	403.83	41.8	39.4	39.4	9.98	10.13	10.25
Lansing—East Lansing	512.14	465.46	472.25	41.5	38.2	39.2	12.34	12.17	12.06
Muskegon—Norton Shores—Muskegon Heights	366.92	367.98	370.55	41.2	38.5	38.2	8.90	9.56	9.69
Saginaw	512.36	487.52	517.49	41.8	39.4	40.5	12.24	12.36	12.76
MINNESOTA	330.22	352.80	355.67	39.5	39.2	39.3	8.36	9.00	9.05
Duluth—Superior	335.30	347.85	354.32	40.3	39.8	39.5	8.32	8.74	8.97
Minneapolis—St. Paul	347.21	371.94	376.20	39.5	39.4	39.6	8.79	9.44	9.50
St. Cloud	240.77	257.77	260.60	35.2	34.6	34.7	6.84	7.45	7.51
MISSISSIPPI	237.01	246.27	248.07	39.7	38.6	38.7	5.97	6.38	6.41
Jackson	261.70	271.83	278.29	40.7	39.8	40.1	6.43	6.83	6.94
MISSOURI	316.40	318.66	330.26	40.0	38.3	38.9	7.91	8.32	8.49
Kansas City	364.27	361.52	383.36	40.7	38.5	39.4	8.95	9.39	9.73
St. Joseph	290.55	293.75	296.83	39.0	38.1	38.4	7.45	7.71	7.73
St. Louis	358.58	373.62	376.14	40.2	39.0	39.1	8.92	9.58	9.62
Springfield	306.86	303.55	300.58	41.3	40.8	40.4	7.43	7.44	7.44
MONTANA	386.75	389.99	384.71	42.5	38.5	40.2	9.10	9.81	9.57
NEBRASKA	321.20	326.43	329.94	40.1	39.0	39.8	8.31	8.37	8.29
Lincoln	297.22	317.06	313.29	38.4	37.7	37.7	7.74	8.41	8.31
Omaha	324.30	324.97	334.57	39.5	37.7	38.5	8.21	8.62	8.69
NEVADA	319.84	322.61	322.51	39.1	36.6	36.9	8.18	8.82	8.74
Las Vegas	404.94	(*)	(*)	39.7	(*)	(*)	10.20	(*)	(*)

See footnotes at end of table.

C-12. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas—Continued

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	MAY 1981	APR. 1982	MAY 1982P	MAY 1981	APR. 1982	MAY 1982P	MAY 1981	APR. 1982	MAY 198
NEW HAMPSHIRE	$253.60	$272.74	$272.74	40.0	39.7	39.7	$6.34	$6.87	$6.
Manchester	232.80	254.23	252.06	38.8	39.6	39.2	6.00	6.42	6.
Nashua	279.03	309.23	303.81	39.3	39.9	39.1	7.10	7.75	7.
NEW JERSEY	319.90	336.00	339.69	40.7	40.0	40.2	7.86	8.40	8.
Atlantic City	244.50	248.97	251.60	37.5	38.4	37.0	6.52	6.84	6.
Camden	328.86	341.42	341.82	40.5	39.7	39.7	8.12	8.60	8.
Hackensack [2]	287.41	293.14	293.92	41.0	39.4	39.4	7.01	7.44	7.
Jersey City [3]	305.42	322.38	328.03	40.4	39.8	40.2	7.56	8.10	8.
New Brunswick—Perth Amboy—Sayreville [3]	374.22	390.58	404.88	42.0	41.2	42.0	8.91	9.48	9.
Newark [3]	336.94	358.69	360.04	41.7	40.9	41.1	8.08	8.77	8.
Paterson—Clifton—Passaic [3]	313.60	304.62	307.04	42.9	40.4	40.4	7.31	7.54	7.
Trenton	323.90	339.78	362.91	39.5	39.1	40.1	8.20	8.69	9.
NEW MEXICO	257.44	273.31	274.22	40.1	39.1	39.4	6.42	6.99	6.
Albuquerque	265.74	293.88	290.29	41.2	39.5	38.5	6.45	7.44	7.
NEW YORK	307.69	319.66	(*)	39.6	38.7	(*)	7.77	8.26	(*
Albany—Schenectady—Troy	326.33	329.34	(*)	40.3	38.7	(*)	8.09	8.51	(*
Binghamton	289.64	276.90	(*)	41.2	39.5	(*)	7.03	7.01	(*
Buffalo	408.04	418.57	(*)	40.4	39.6	(*)	10.10	10.57	(*
Elmira	317.02	325.80	(*)	40.8	39.3	(*)	7.77	8.29	(*
Monroe County [3]	422.42	444.80	(*)	41.7	41.3	(*)	10.13	10.77	(*
Nassau—Suffolk [3]	292.80	312.83	(*)	40.0	39.3	(*)	7.32	7.96	(*
New York—Northeastern New Jersey	292.59	307.68	(*)	39.7	38.8	(*)	7.37	7.93	(*
New York and Nassau—Suffolk [2]	266.57	282.30	(*)	38.3	37.5	(*)	6.96	7.52	(*
New York SMSA [4]	259.31	272.69	(*)	37.8	36.9	(*)	6.86	7.39	(*
New York City [3]	253.57	265.72	(*)	37.4	36.5	(*)	6.78	7.28	(*
Poughkeepsie	328.54	309.10	(*)	43.4	40.3	(*)	7.57	7.67	(*
Rochester	396.48	418.82	(*)	41.3	40.9	(*)	9.60	10.24	(*
Rockland County [3]	296.74	316.09	(*)	40.1	37.9	(*)	7.40	8.34	(*
Syracuse	334.95	348.80	(*)	40.6	40.0	(*)	8.25	8.72	(*
Utica—Rome	301.10	306.14	(*)	40.8	39.4	(*)	7.38	7.77	(*
Westchester County [3]	309.54	324.42	(*)	42.0	40.3	(*)	7.37	8.05	(*
NORTH CAROLINA	230.87	234.24	236.13	39.6	37.3	37.6	5.83	6.28	6.
Asheville	226.17	232.37	236.38	40.1	38.6	39.2	5.69	6.02	6.
Charlotte—Gastonia	239.32	238.13	242.44	40.7	38.1	38.3	5.88	6.25	6.
Greensboro—Winston-Salem—High Point	252.55	255.35	251.85	39.4	36.9	36.5	6.41	6.92	6.
Raleigh—Durham	262.28	272.54	276.48	39.5	37.8	38.4	6.64	7.21	7.
NORTH DAKOTA	272.58	277.87	276.74	38.5	37.0	36.8	7.08	7.51	7.
Fargo—Moorhead	284.61	279.75	281.58	37.4	37.3	37.2	7.61	7.50	7.
OHIO	391.11	397.80	403.21	41.3	39.9	40.2	9.47	9.97	10.
Akron	402.80	399.84	398.45	42.4	40.8	40.7	9.50	9.80	9.
Canton	387.77	392.11	398.50	40.1	38.9	39.3	9.67	10.08	10.
Cincinnati	360.18	379.09	385.56	41.4	40.2	40.5	8.70	9.43	9.
Cleveland	398.40	400.60	412.49	41.5	40.1	40.8	9.60	9.99	10.
Columbus	341.15	361.69	367.49	39.9	39.4	39.6	8.55	9.18	9.
Dayton	395.32	395.61	401.39	41.7	39.8	39.9	9.48	9.94	10.
Toledo	402.11	435.24	442.68	41.2	40.3	40.8	9.76	10.80	10.
Youngstown—Warren	472.53	447.37	460.18	40.7	38.6	39.5	11.61	11.59	11.
OKLAHOMA	331.70	338.12	338.61	40.6	39.5	39.1	8.17	8.56	8.
Oklahoma City	358.03	354.50	354.32	41.2	40.7	39.5	8.69	8.71	8.
Tulsa	350.43	363.78	364.31	40.7	39.2	39.3	8.61	9.28	9.
OREGON	357.58	367.04	(*)	38.0	37.0	(*)	9.41	9.92	(*
Eugene—Springfield	375.93	377.74	(*)	39.2	37.4	(*)	9.59	10.10	(*
Jackson County	341.46	333.58	(*)	37.4	36.9	(*)	9.13	9.04	(*
Portland	356.27	374.37	(*)	37.7	37.4	(*)	9.45	10.01	(*
Salem	338.56	354.65	(*)	36.8	36.3	(*)	9.21	9.77	(*
PENNSYLVANIA	324.26	326.14	325.78	39.4	38.1	38.1	8.23	8.56	8.
Allentown—Bethlehem—Easton	326.40	339.85	331.60	38.4	38.1	37.3	8.50	8.92	8.
Altoona	279.24	280.57	288.01	39.0	39.2	39.4	7.16	7.16	7.
Delaware Valley [5]	332.83	334.08	338.52	40.1	38.4	38.6	8.30	8.70	8.
Erie	345.67	350.45	355.90	41.2	39.2	39.5	8.39	8.94	9.
Harrisburg	307.44	314.36	321.60	40.4	38.3	38.7	7.61	8.20	8.
Johnstown	330.57	313.29	333.16	37.8	35.4	37.1	8.74	8.85	8.

See footnotes at end of table.

C-12. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas—Continued

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	MAY 1981	APR. 1982	MAY 1982P	MAY 1981	APR. 1982	MAY 1982P	MAY 1981	APR. 1982	MAY 1982P
PENNSYLVANIA—Continued									
Lancaster	$286.63	$289.94	$293.76	39.7	38.0	38.2	$7.22	$7.63	$7.69
Northeast Pennsylvania	228.15	233.38	249.81	36.1	35.2	36.9	6.32	6.63	6.77
Philadelphia SMSA	330.42	335.43	339.11	40.1	38.6	38.8	8.24	8.69	8.74
Pittsburgh	401.17	403.77	395.55	40.4	38.2	37.6	9.93	10.57	10.52
Reading	305.63	311.92	318.11	39.9	37.9	38.7	7.66	8.23	8.22
Williamsport	295.71	304.96	303.03	39.8	38.7	39.1	7.43	7.88	7.75
York	300.32	317.60	304.17	41.1	39.8	38.6	7.38	7.98	7.88
RHODE ISLAND	240.19	255.45	257.94	39.7	39.0	39.2	6.05	6.55	6.58
Providence—Warwick—Pawtucket	239.20	252.20	254.41	39.8	39.1	39.2	6.01	6.45	6.49
SOUTH CAROLINA	246.84	247.59	254.53	40.8	37.4	38.8	6.05	6.62	6.56
Charleston—North Charleston	268.53	270.69	273.08	39.9	37.7	38.3	6.73	7.18	7.13
Columbia	238.18	240.53	247.04	39.5	37.7	38.3	6.03	6.38	6.45
Greenville—Spartanburg	242.38	251.29	249.48	40.6	38.9	38.8	5.97	6.46	6.43
South Dakota	288.11	292.19	300.17	41.1	39.7	40.4	7.01	7.36	7.43
Sioux Falls	392.37	412.23	426.50	45.1	45.4	44.8	8.70	9.08	9.52
TENNESSEE	268.80	271.98	275.22	40.3	38.2	38.6	6.67	7.12	7.13
Chattanooga	266.34	267.80	(*)	40.6	38.7	(*)	6.56	6.92	(*)
Knoxville	293.60	317.15	(*)	40.0	39.3	(*)	7.34	8.07	(*)
Memphis	296.40	306.12	313.60	40.0	39.5	40.0	7.41	7.75	7.84
Nashville—Davidson	294.92	315.20	312.44	40.4	40.0	39.4	7.30	7.88	7.93
TEXAS	322.97	341.78	338.00	41.3	40.4	40.0	7.82	8.46	8.45
Dallas—Fort Worth	305.11	321.58	323.19	40.9	39.8	39.9	7.46	8.08	8.10
Houston	414.99	440.35	429.84	43.5	43.1	42.1	9.54	10.21	10.21
San Antonio	231.38	240.52	245.89	40.1	39.3	40.5	5.77	6.12	6.17
UTAH	301.36	316.36	316.03	39.6	38.3	38.4	7.61	8.26	8.23
Salt Lake City—Ogden	292.09	307.13	317.68	40.4	38.2	38.6	7.23	8.04	8.23
VERMONT	268.54	274.94	280.91	40.2	38.4	38.8	6.68	7.16	7.24
Burlington	296.01	306.40	317.02	41.4	40.0	40.8	7.15	7.66	7.77
Springfield	308.84	296.06	301.45	41.4	38.7	39.2	7.46	7.65	7.69
VIRGINIA	266.78	278.94	281.44	39.7	37.9	38.5	6.72	7.36	7.31
Bristol	225.79	232.14	237.33	38.4	36.5	36.4	5.88	6.36	6.52
Lynchburg	262.54	234.94	240.12	39.9	34.0	34.7	6.58	6.91	6.92
Norfolk—Virginia Beach—Portsmouth	287.73	302.35	315.25	41.4	40.1	41.7	6.95	7.54	7.56
Northern Virginia	290.07	292.50	299.15	39.9	38.5	38.8	7.27	7.60	7.71
Petersburg—Colonial Heights—Hopewell	301.55	371.39	379.20	36.2	39.3	39.5	8.33	9.45	9.60
Richmond	346.26	355.65	352.17	39.8	38.7	38.7	8.70	9.19	9.10
Roanoke	244.77	252.44	254.67	39.8	38.6	39.0	6.15	6.54	6.53
WASHINGTON	400.62	415.76	(*)	39.2	37.9	(*)	10.	10.97	(*)
Seattle—Everett	419.45	(*)	(*)	40.1	(*)	(*)	10.4[illegible]	(*)	(*)
WEST VIRGINIA	344.99	360.89	366.27	39.7	39.1	38.8	8.69	9.23	9.44
Charleston	432.83	439.27	433.42	43.5	41.5	41.2	9.95	10.58	10.52
Huntington—Ashland	384.96	403.00	396.75	39.4	38.9	37.5	9.77	10.36	10.58
Parkersburg—Marietta	381.07	386.89	407.64	40.8	39.6	40.4	9.34	9.77	10.09
Wheeling	388.00	388.47	347.30	38.8	38.5	34.8	10.00	10.09	9.98
WISCONSIN	352.13	361.84	367.82	40.3	38.9	39.2	8.73	9.29	9.39
Appleton—Oshkosh	352.72	358.31	357.03	42.2	40.3	39.9	8.36	8.89	8.95
Eau Claire	339.66	347.19	348.77	41.0	40.0	39.8	8.29	8.68	8.77
Green Bay	373.65	389.48	396.33	41.3	41.4	41.2	9.05	9.42	9.63
Janesville—Beloit	367.34	331.96	407.17	39.[illegible]	37.2	41.0	9.30	8.93	9.93
Kenosha	390.41	436.81	432.42	39.7	39.9	39.4	9.83	10.99	10.97
La Crosse	316.75	329.67	335.67	41.2	38.4	38.8	7.69	8.59	8.66
Madison	335.45	374.35	377.19	39.2	40.0	39.6	8.57	9.36	9.52
Milwaukee	384.60	403.36	406.74	40.2	39.0	39.3	9.56	10.34	10.36
Racine	377.21	360.98	392.71	40.0	37.6	39.2	9.42	9.60	10.03
WYOMING	311.04	322.10	332.23	38.4	38.3	38.1	8.10	8.41	8.72

See footnotes at end of table.

C-12. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas—Continued

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	MAY 1981	APR. 1982	MAY 1982P	MAY 1981	APR. 1982	MAY 1982P	MAY 1981	APR. 1982	MAY 1982P
VIRGIN ISLANDS	$333.15	$395.85	(*)	41.8	41.8	(*)	$7.97	$9.47	(*)

[1] Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.
[2] Subarea of New York—Northeastern New Jersey.
[3] Subarea of Rochester Standard Metropolitan Statistical Area.
[4] Area included in New York and Nassau—Suffolk combined SMSA's.
[5] Subarea of New York Standard Metropolitan Statistical Area.
[6] Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pennsylvania.
[7] Subarea of Washington, D.C. Standard Metropolitan Statistical Area: Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park cities, and Arlington, Fairfax, Loudoun, and Prince William Counties, Virginia.

p = preliminary.
*Not available.

SOURCE: Cooperating State agencies listed on inside back cover.

D-1. Labor force and unemployment by State and selected metropolitan areas

(Numbers in thousands)

State and area	Labor force			Unemployment					
				Number			Percent of labor force		
	MAY 1981	APR. 1982	MAY 1982P	MAY 1981	APR. 1982	MAY 1982P	MAY 1981	APR. 1982	MAY 1982P
ALABAMA	1,671.2	1,695.4	1,711.9	174.3	222.6	225.2	10.4	13.1	13.2
Birmingham	378.5	380.1	382.0	41.5	44.8	45.6	11.0	11.8	11.9
Huntsville	142.4	146.9	148.3	14.8	16.7	16.4	10.4	11.4	11.1
Mobile	189.5	190.0	193.4	17.6	23.8	25.4	9.3	12.5	13.1
Montgomery	121.6	122.4	123.3	10.5	14.0	14.0	8.7	11.5	11.4
Tuscaloosa	55.2	54.7	55.5	6.2	6.2	6.7	11.2	11.3	12.1
ALASKA	190.1	199.2	202.6	17.0	21.3	20.4	8.9	10.7	10.1
ARIZONA	1,264.6	1,301.3	1,309.5	70.4	108.4	122.0	5.6	8.3	9.3
Phoenix	772.9	793.0	796.9	36.2	52.9	58.3	4.7	6.7	7.3
Tucson	229.9	238.3	239.8	10.8	18.1	20.3	4.7	7.6	8.5
ARKANSAS	1,056.2	1,007.9	1,025.3	94.4	97.2	93.6	8.9	9.6	9.1
Fayetteville-Springdale	82.2	80.2	80.8	4.3	5.2	5.1	5.2	6.4	6.3
Fort Smith[1]	92.3	86.9	87.1	7.8	9.9	9.6	8.5	11.4	11.0
Little Rock—North Little Rock	200.9	192.5	194.6	16.1	15.2	15.0	8.0	7.9	7.7
Pine Bluff	42.2	39.4	39.9	4.6	3.8	4.0	10.8	9.7	10.1
CALIFORNIA[1]	11,686.0	11,995.0	12,067.8	717.8	1,130.4	1,084.5	6.1	9.4	9.0
Anaheim—Santa Ana—Garden Grove	1,163.4	1,193.7	1,201.4	41.8	72.3	78.6	3.6	6.1	6.4
Bakersfield	193.2	196.4	202.7	12.6	24.9	21.7	6.5	12.7	10.7
Fresno	278.6	281.8	287.1	23.3	42.5	37.4	8.4	15.1	13.0
Los Angeles—Long Beach[1]	3,692.0	3,773.0	3,784.0	229.0	319.0	317.0	6.2	8.5	8.4
Modesto	132.3	139.7	141.0	18.5	27.5	26.6	14.0	19.7	18.9
Oxnard—Simi Valley—Ventura	244.5	258.9	259.8	14.0	24.1	23.9	5.7	9.3	9.2
Riverside—San Bernardino—Ontario	601.3	628.4	627.9	40.6	66.8	67.6	6.8	10.6	10.8
Sacramento	489.3	504.3	506.3	34.7	58.9	54.2	7.1	11.7	10.7
Salinas—Seaside—Monterey	137.0	138.9	142.0	9.4	17.3	12.3	6.8	12.4	8.7
San Diego	789.6	810.5	815.7	45.9	68.2	70.5	5.8	8.4	8.6
San Francisco—Oakland	1,673.5	1,716.9	1,722.1	81.0	124.2	123.5	4.8	7.2	7.2
San Jose	781.4	806.7	810.4	38.8	58.4	56.9	5.0	7.2	7.0
Santa Barbara—Santa Maria—Lompoc	153.8	158.0	158.6	7.5	11.5	10.8	4.9	7.3	6.8
Santa Rosa	140.2	145.0	146.2	9.2	15.9	14.2	6.6	11.0	9.7
Stockton	175.8	168.0	170.5	16.3	30.4	26.7	9.3	18.1	15.0
Vallejo—Fairfield—Napa	133.3	137.9	137.9	8.4	14.3	12.7	6.3	10.4	9.2
COLORADO	1,529.0	1,540.8	1,555.0	85.7	102.7	106.9	5.6	6.7	6.9
Denver—Boulder	911.7	916.5	925.7	46.8	51.8	54.8	5.1	5.7	5.9
CONNECTICUT	1,592.7	1,614.8	1,627.2	90.7	110.8	105.2	5.7	6.9	6.5
Bridgeport	192.7	196.2	196.6	11.2	14.8	14.0	5.8	7.5	7.1
Hartford	385.0	392.9	394.3	19.6	24.5	22.9	5.1	6.2	5.8
New Britain	74.6	75.5	75.9	4.5	6.4	6.2	6.0	8.5	8.1
New Haven—West Haven	200.2	200.1	202.8	13.1	13.7	13.3	6.6	6.9	6.6
Stamford	122.8	124.3	125.7	4.5	4.9	4.2	3.7	3.9	3.4
Waterbury	106.7	109.0	110.1	7.7	9.7	9.5	7.2	8.9	8.7
DELAWARE	287.9	299.8	305.6	19.8	22.8	21.8	6.9	7.6	7.1
Wilmington[1]	255.1	264.7	267.8	17.4	21.0	20.0	6.8	7.9	7.5
DISTRICT OF COLUMBIA	308.1	308.5	307.9	27.5	32.7	32.7	8.9	10.6	10.6
Washington SMSA[1]	1,681.5	1,690.7	1,700.5	83.0	99.8	101.2	4.9	5.9	6.0
FLORIDA[1]	4,540.1	4,643.8	4,710.1	304.3	366.2	345.8	6.7	7.9	7.3
Daytona Beach	110.6	112.9	113.9	7.0	8.3	7.1	6.4	7.4	6.3
Fort Lauderdale—Hollywood	485.5	490.0	495.3	26.1	34.4	31.4	5.4	7.0	6.3
Fort Myers—Cape Coral	94.3	100.8	101.7	5.4	8.1	7.5	5.7	8.0	7.4
Gainsville	77.6	80.7	81.8	3.4	3.6	4.2	4.4	4.4	5.2
Jacksonville	339.4	347.1	357.0	22.9	24.7	25.0	6.7	7.1	7.0
Lakeland—Winter Haven	149.8	151.2	153.4	15.3	19.8	20.2	10.2	13.1	13.2
Melbourne—Titusville—Cocoa	123.5	123.7	126.6	10.7	10.2	10.2	8.6	8.2	8.1
Miami	824.1	831.3	838.7	57.3	70.5	62.6	7.0	8.5	7.5
Orlando	370.0	376.0	382.4	25.4	26.3	23.1	6.9	7.0	6.0
Pensacola	122.5	123.9	128.0	7.3	7.7	8.5	6.0	6.2	6.6
Sarasota	80.2	84.6	85.4	3.8	6.4	5.6	4.8	7.6	6.6
Tallahassee	87.8	86.0	88.3	3.8	3.9	4.2	4.3	4.5	4.8
Tampa—St. Petersburg	702.4	727.1	741.5	42.0	53.5	50.8	6.0	7.4	6.9
West Palm Beach—Boca Raton	272.8	286.9	282.0	18.5	22.7	20.4	6.8	7.9	7.2

See footnotes at end of table.

STATE AND AREA UNEMPLOYMENT DATA

D-1. Labor force and unemployment by State and selected metropolitan areas—Continued

(Numbers in thousands)

State and area	Labor force			Unemployment					
				Number			Percent of labor force		
	MAY 1981	APR. 1982	MAY 1982P	MAY 1981	APR. 1982	MAY 1982P	MAY 1981	APR. 1982	MAY 1982P
GEORGIA	2,588.3	2,637.6	2,665.5	149.0	189.8	196.5	5.8	7.2	7.4
Albany	52.8	55.3	55.4	3.8	4.9	4.6	7.2	8.8	8.3
Atlanta	1,068.0	1,096.0	1,106.7	54.3	64.1	67.3	5.1	5.8	6.1
Augusta	130.1	136.1	137.7	8.6	11.3	11.8	6.6	8.3	8.6
Columbus[1]	88.4	87.8	89.2	6.4	8.1	8.5	7.2	9.2	9.5
Macon	105.2	108.7	109.4	6.1	6.8	7.0	5.8	6.3	6.4
Savannah	94.1	100.4	100.6	5.4	6.9	7.3	5.8	6.9	7.3
HAWAII	451.4	450.7	452.0	23.6	26.8	29.1	5.2	6.0	6.4
Honolulu	349.0	347.4	348.4	16.8	19.1	20.4	4.8	5.5	5.9
IDAHO	430.7	432.6	439.0	29.0	45.6	43.1	6.7	10.5	9.8
Boise City	90.5	90.3	91.2	5.2	6.8	6.7	5.7	7.5	7.3
ILLINOIS[2]	5,552.5	5,571.9	5,548.3	452.3	562.6	586.4	8.1	10.1	10.6
Bloomington—Normal	61.2	63.6	63.6	3.8	5.5	4.7	6.2	8.6	7.3
Champaign—Urbana—Rantoul	86.5	87.2	88.1	5.3	5.3	6.0	6.1	6.1	6.8
Chicago	3,465.9	3,487.8	3,461.3	266.5	331.1	344.0	7.7	9.5	9.9
Davenport—Rock Island—Moline[1]	188.6	193.8	188.7	16.5	25.6	22.0	8.7	13.2	11.6
Decatur	61.8	63.3	66.9	6.9	7.7	12.3	11.1	12.2	18.4
Kankakee	41.4	41.8	41.2	4.5	6.3	6.3	10.9	15.0	15.4
Peoria	173.9	174.8	173.6	14.4	19.8	20.5	8.3	11.4	11.8
Rockford	134.7	136.2	132.4	12.1	20.3	25.5	9.0	15.1	19.3
Springfield	97.8	98.8	97.7	6.4	6.4	6.6	6.5	6.5	6.8
INDIANA	2,629.2	2,557.0	2,568.1	243.7	313.4	291.7	9.3	12.3	11.4
Anderson	56.9	55.2	54.3	6.5	10.7	8.0	11.4	19.3	14.7
Elkhart	67.3	64.4	64.8	5.8	6.4	5.8	8.6	10.0	8.9
Evansville[1]	148.2	143.9	144.6	11.8	12.8	11.6	8.0	8.9	8.0
Fort Wayne	194.4	186.9	187.0	19.3	23.8	21.9	9.9	12.8	11.7
Gary—Hammond—East Chicago	293.8	287.3	288.7	29.9	42.3	44.0	10.2	14.7	15.2
Indianapolis	612.1	593.6	600.5	46.8	54.6	52.6	7.6	9.2	8.8
Lafayette—West Lafayette	62.3	63.0	61.7	4.2	5.2	4.9	6.8	8.3	7.9
Muncie	58.1	57.2	56.4	6.3	9.2	7.6	10.8	16.0	13.5
South Bend	136.7	132.5	133.7	11.8	13.6	13.1	8.7	10.3	9.8
Terre Haute	81.2	76.6	75.6	8.1	10.2	8.5	10.0	13.3	11.2
IOWA	1,448.7	1,436.5	1,439.9	92.7	123.0	108.5	6.4	8.6	7.5
Cedar Rapids	88.1	86.0	85.4	6.8	8.5	8.2	7.7	9.9	9.6
Des Moines	183.8	182.2	180.5	12.9	14.1	13.1	7.0	7.7	7.2
Dubuque	45.0	44.4	44.3	4.5	6.2	6.0	10.1	13.9	13.6
Sioux City[1]	55.5	55.2	55.6	3.9	4.6	4.3	7.1	8.4	7.7
Waterloo—Cedar Falls	68.7	69.6	67.3	5.0	8.6	7.7	7.3	12.4	11.4
KANSAS	1,199.3	1,161.8	1,166.5	47.1	62.5	63.6	3.9	5.4	5.5
Lawrence	35.0	34.4	34.4	1.5	1.4	1.6	4.3	4.2	4.7
Topeka	95.5	92.7	92.2	4.9	5.3	5.4	5.1	5.7	5.8
Wichita	228.3	223.5	221.5	8.6	16.4	16.7	3.8	7.4	7.5
KENTUCKY	1,674.9	1,599.1	1,622.8	136.3	165.4	159.0	8.1	10.3	9.8
Lexington—Fayette	178.6	175.9	177.4	8.3	10.7	10.3	4.7	6.1	5.8
Louisville[1]	438.2	420.9	424.6	35.5	49.9	45.0	8.1	11.9	10.6
Owensboro	43.5	39.3	39.5	3.0	4.0	3.6	7.0	10.1	9.2
LOUISIANA	1,853.4	1,853.9	1,864.2	153.7	189.2	191.8	8.3	10.2	10.3
Alexandria	72.9	72.3	72.5	8.1	8.3	7.8	11.2	11.5	10.8
Baton Rouge	228.7	222.8	223.6	18.5	19.7	20.5	8.1	8.8	9.2
Lafayette	90.5	94.6	96.2	3.9	4.4	5.5	4.3	4.6	5.7
Lake Charles	81.6	79.7	78.4	7.0	11.1	11.4	8.6	13.9	14.6
Monroe	57.6	55.0	55.2	5.9	6.9	6.7	10.3	12.5	12.1
New Orleans	514.4	507.8	506.4	39.4	48.9	47.9	7.7	9.6	9.5
Shreveport	163.5	169.1	160.8	13.5	14.3	14.4	8.3	8.9	8.9
MAINE	504.6	516.4	527.6	33.6	47.9	49.1	6.7	9.3	9.3
Lewiston—Auburn	38.4	38.9	39.2	2.5	4.0	4.0	6.5	10.4	10.3
Portland	90.7	95.6	96.7	4.7	6.1	6.3	5.2	6.4	6.6
MARYLAND	2,164.5	2,190.7	2,203.1	142.0	189.7	189.0	6.6	8.7	8.6
Baltimore	1,078.3	1,100.6	1,104.5	80.2	108.7	110.5	7.4	9.9	10.0

See footnotes at end of table

D-1. Labor force and unemployment by State and selected metropolitan areas—Continued

(Numbers in thousands)

State and area	Labor force			Unemployment					
				Number			Percent of labor force		
	MAY 1981	APR. 1982	MAY 1982P	MAY 1981	APR. 1982	MAY 1982P	MAY 1981	APR. 1982	MAY 1982P
MASSACHUSETTS[2]	2,882.4	2,948.8	3,003.3	166.3	234.8	257.3	5.8	8.0	8.6
Boston	1,402.2	1,427.9	1,448.1	74.9	96.3	108.3	5.3	6.7	7.5
Brockton	80.4	81.3	83.0	5.9	7.8	9.0	7.4	9.6	10.8
Fall River[1]	72.4	74.3	75.7	5.5	8.6	9.3	7.6	11.6	12.3
Lawrence—Haverhill[1]	144.3	146.5	147.4	8.2	12.3	13.3	5.7	8.4	9.0
Lowell	125.2	130.1	131.1	7.4	9.4	10.4	5.9	7.3	8.0
New Bedford	84.1	84.6	84.9	6.8	11.2	11.0	8.1	13.3	13.0
Springfield—Chicopee—Holyoke	272.1	288.5	293.6	15.2	22.6	25.2	5.6	7.8	8.6
Worcester	194.1	198.6	201.9	10.4	16.3	17.6	5.3	8.2	8.7
MICHIGAN[2]	4,335.2	4,217.9	4,322.8	493.4	654.3	616.1	11.4	15.5	14.3
Ann Arbor	145.3	142.1	141.8	10.8	14.0	13.1	7.4	9.8	9.2
Battle Creek	80.5	81.0	82.7	8.6	12.3	12.3	10.7	15.2	14.9
Bay City	53.1	54.5	55.6	6.1	8.7	8.3	11.6	16.0	15.0
Detroit	2,009.8	1,927.8	1,978.3	240.7	295.4	281.0	12.0	15.3	14.2
Flint	227.2	224.6	229.6	30.4	52.2	45.4	13.4	23.2	19.8
Grand Rapids	325.9	325.8	335.7	27.1	39.2	37.4	8.3	12.0	11.1
Jackson	67.2	66.0	68.0	7.4	10.2	10.3	11.0	15.4	15.2
Kalamazoo—Portage	138.3	137.9	140.5	11.4	14.9	14.2	8.2	10.8	10.1
Lansing—East Lansing	248.3	245.0	248.0	24.5	37.2	32.8	9.9	15.2	13.2
Muskegon—Norton Shores—Muskegon Heights	78.7	78.2	81.2	10.5	13.2	13.4	13.3	16.8	16.5
Saginaw	101.7	101.6	103.0	10.6	18.2	17.2	10.4	17.9	16.7
MINNESOTA	2,170.9	2,131.1	2,169.6	111.3	148.5	144.4	5.1	7.0	6.7
Duluth—Superior[1]	114.9	111.2	112.0	8.4	14.3	13.9	7.3	12.9	12.4
Minneapolis—St. Paul	1,162.1	1,147.9	1,164.5	50.8	64.0	66.0	4.4	5.6	5.7
Rochester	57.0	56.9	57.4	2.3	3.1	2.9	4.0	5.4	5.0
St. Cloud	75.8	75.2	77.2	4.6	6.8	6.6	6.0	9.0	8.6
MISSISSIPPI	1,063.2	1,071.1	1,075.6	83.9	102.7	107.2	7.9	9.6	10.0
Jackson	159.7	163.1	162.1	9.5	10.3	10.8	6.0	6.3	6.7
MISSOURI	2,326.3	2,331.6	2,351.7	170.4	197.6	186.9	7.3	8.5	7.9
Kansas City[1]	685.1	673.4	671.4	41.1	54.7	48.5	6.0	8.1	7.2
St. Joseph	44.7	44.1	44.4	3.6	4.3	4.2	8.1	9.8	9.5
St. Louis[1]	1,118.3	1,114.0	1,118.6	93.5	98.4	98.0	8.4	8.8	8.8
Springfield	106.8	109.0	108.3	6.0	7.4	6.4	5.7	6.8	5.9
MONTANA	382.7	389.6	389.0	25.1	36.0	33.0	6.6	9.2	8.5
Billings	57.1	59.6	59.4	2.8	3.5	3.8	4.9	5.9	6.4
Great Falls	33.8	36.2	35.9	2.7	2.9	2.8	8.1	7.9	7.7
NEBRASKA	801.4	780.2	793.3	28.7	40.7	43.2	3.6	5.2	5.4
Lincoln	113.2	110.5	110.9	3.9	5.2	5.0	3.4	4.7	4.5
Omaha[1]	286.9	281.8	284.1	14.5	18.4	18.7	5.1	6.5	6.6
NEVADA	462.7	484.6	486.6	31.5	41.9	42.3	6.8	8.6	8.7
Las Vegas	257.1	271.1	271.8	20.4	25.6	26.5	7.9	9.4	9.7
Reno	127.3	133.1	133.8	6.4	9.1	9.0	5.1	6.8	6.7
NEW HAMPSHIRE	476.5	487.1	487.3	22.6	40.7	36.8	4.8	8.4	7.6
Manchester	83.2	85.2	84.7	4.0	7.1	6.3	4.8	8.3	7.4
Nashua	81.7	83.9	84.0	3.2	6.0	5.9	4.0	7.1	7.0
NEW JERSEY	3,627.0	3,594.2	3,673.0	287.7	319.2	354.8	7.9	8.9	9.7
Atlantic City	115.0	118.4	123.1	9.8	12.8	13.8	8.5	10.8	11.2
Jersey City	248.5	249.5	255.0	31.4	35.1	39.7	12.6	14.1	15.6
Long Branch—Asbury Park	244.8	245.3	251.8	17.6	20.2	21.3	7.2	8.2	8.5
New Brunswick—Perth Amboy—Sayreville	335.4	330.4	335.9	24.2	25.5	29.2	7.2	7.7	8.7
Newark	975.0	972.2	991.8	76.6	80.7	91.3	7.9	8.3	9.2
Paterson—Clifton—Passaic	211.4	210.5	214.1	20.2	23.9	25.9	9.6	11.4	12.1
Trenton	160.7	159.0	161.6	9.7	12.5	13.8	6.1	7.9	8.5
Vineland—Millville—Bridgeton	60.4	59.8	60.6	8.4	10.5	10.7	14.0	17.6	17.7
NEW MEXICO	578.0	573.9	579.2	40.9	44.7	52.6	7.1	7.8	9.1
Albuquerque	212.5	211.2	211.5	14.8	15.0	16.8	6.9	7.1	8.0
Las Cruces	36.9	36.5	37.0	3.1	3.0	3.8	8.5	8.3	10.3

See footnotes at end of table.

STATE AND AREA UNEMPLOYMENT DATA

D-1. Labor force and unemployment by State and selected metropolitan areas—Continued

(Numbers in thousands)

State and area	Labor force			Unemployment					
				Number			Percent of labor force		
	MAY 1981	APR. 1982	MAY 1982P	MAY 1981	APR. 1982	MAY 1982P	MAY 1981	APR. 1982	MAY 1982P
NEW YORK[1]	7,957.3	7,966.1	8,027.4	582.2	619.3	632.5	7.3	7.8	7.9
Albany—Schenectady—Troy	377.3	379.6	377.2	22.8	23.0	23.7	6.1	6.1	6.3
Binghamton[1]	136.6	142.2	142.2	8.7	9.9	10.3	6.4	6.9	7.4
Buffalo	561.3	559.8	559.0	48.9	64.7	67.0	8.7	11.6	12.0
Elmira	39.2	39.1	39.3	3.2	3.9	4.8	8.1	10.0	12.2
Nassau-Suffolk	1,301.8	1,322.5	1,322.9	74.4	69.5	75.1	5.7	5.3	5.7
New York	3,648.3	3,608.9	3,658.2	288.4	300.6	297.9	7.9	8.3	8.1
New York City[2]	3,036.0	2,985.0	3,047.0	260.0	273.0	269.0	8.6	9.1	8.8
Poughkeepsie	109.3	113.9	113.5	6.3	5.9	6.3	5.8	5.2	5.6
Rochester	467.1	475.7	475.3	26.6	29.5	30.6	5.7	6.2	6.4
Syracuse	297.5	299.7	298.0	20.5	20.4	22.9	6.9	6.8	7.7
Utica—Rome	134.6	136.3	136.0	10.2	10.7	11.2	7.6	7.9	8.2
NORTH CAROLINA	2,920.9	2,926.1	2,931.3	175.3	240.1	235.8	6.0	8.2	8.1
Asheville	89.5	88.8	90.0	5.8	7.2	6.7	6.5	8.1	7.4
Charlotte—Gastonia	373.0	374.1	375.8	17.1	23.6	24.4	4.6	6.3	6.5
Greensboro—Winston-Salem—High Point	445.6	450.5	456.4	23.3	31.2	35.3	5.2	6.9	7.7
Raleigh—Durham	311.8	317.4	315.3	10.8	13.9	13.1	3.5	4.4	4.2
NORTH DAKOTA	319.0	316.7	326.9	15.3	16.0	14.2	4.8	5.0	4.3
Fargo—Moorehead[1]	72.2	73.0	74.0	4.1	3.9	3.8	5.6	5.3	4.8
OHIO[1]	5,166.6	5,050.2	5,092.3	414.3	605.6	566.4	8.0	12.0	11.1
Akron	308.4	299.7	301.9	24.8	34.0	31.0	8.0	11.4	10.3
Canton	191.0	188.5	190.2	15.3	24.6	23.3	8.0	13.1	12.2
Cincinnati[1]	888.1	869.7	875.9	31.4	68.3	64.9	7.5	10.2	9.6
Cleveland	942.6	910.4	919.9	67.3	88.6	86.3	7.1	9.7	9.4
Columbus	571.5	559.6	565.1	38.0	50.8	48.0	6.7	9.1	8.5
Dayton	396.4	389.7	390.3	27.9	41.5	40.3	7.1	11.2	10.3
Toledo[1]	373.2	362.5	365.0	33.6	45.0	39.7	9.0	12.4	10.9
Youngstown—Warren	235.4	230.5	230.9	21.1	46.2	40.6	8.9	19.5	17.1
OKLAHOMA	1,444.5	1,484.2	1,502.4	47.7	73.8	78.0	3.3	5.0	5.2
Enid	30.0	29.9	30.4	.7	1.2	1.7	2.2	4.1	5.7
Lawton	34.6	34.9	36.0	1.4	1.6	1.7	4.0	4.5	4.8
Oklahoma City	446.3	462.6	466.6	13.6	20.8	20.8	3.1	4.5	4.6
Tulsa	355.0	366.1	368.9	11.1	19.1	21.1	3.1	5.2	5.7
OREGON	1,338.4	1,312.0	1,313.9	125.0	136.6	145.4	9.3	11.8	11.1
Eugene—Springfield	139.4	135.1	135.0	14.8	16.9	15.7	10.6	12.5	11.6
Portland[1]	655.9	651.3	649.4	48.2	66.1	63.3	7.3	10.2	9.7
Salem	124.2	122.9	124.1	10.8	13.2	12.7	8.7	10.7	10.2
PENNSYLVANIA[1]	5,442.8	5,423.5	5,408.9	423.8	556.7	529.3	7.8	10.3	9.8
Allentown—Bethlehem—Easton[1]	310.5	307.1	308.3	23.7	31.0	30.4	7.6	10.1	9.8
Altoona	57.6	57.1	56.7	5.7	6.6	5.6	9.9	11.5	10.2
Erie	126.0	122.9	122.4	12.3	14.0	13.8	9.8	11.4	11.3
Harrisburg	235.6	235.1	236.7	12.8	16.1	13.2	5.5	6.8	5.6
Johnstown	108.2	104.5	103.5	14.2	15.8	14.7	13.2	15.1	14.2
Lancaster	183.7	184.2	184.8	9.1	13.6	12.9	4.9	7.4	7.0
Northeast Pennsylvania	287.9	285.4	282.1	27.1	32.7	28.2	9.4	11.4	10.0
Philadelphia[1]	2,174.9	2,164.5	2,171.3	155.1	184.3	184.2	7.1	8.5	8.5
Pittsburgh	1,026.2	1,021.5	1,013.7	70.1	108.3	107.2	6.8	10.6	10.6
Reading	156.1	159.0	155.0	13.3	16.4	14.6	8.4	10.3	9.2
Williamsport	54.1	52.8	52.3	7.6	6.1	6.3	14.0	11.6	12.1
York	178.0	180.0	180.3	13.1	18.1	18.0	7.4	10.1	10.0
RHODE ISLAND	477.4	470.6	471.6	33.0	48.5	43.6	6.9	9.9	9.2
Providence—Warwick—Pawtucket[1]	469.9	464.6	465.3	32.9	47.6	45.1	7.0	10.2	9.7
SOUTH CAROLINA	1,423.9	1,480.4	1,499.6	114.6	155.6	170.4	8.1	10.5	11.4
Charleston—North Charleston	172.4	179.0	183.7	13.0	14.9	15.2	7.5	8.3	8.3
Columbia	187.9	195.0	196.7	11.7	12.5	14.2	6.2	6.5	7.2
Greenville—Spartanburg	284.7	298.3	300.7	20.3	26.2	29.6	7.1	9.4	9.8
SOUTH DAKOTA	337.5	328.6	330.7	15.3	16.8	14.8	4.5	5.1	4.5
Sioux Falls	63.4	62.5	62.0	3.0	2.9	2.6	4.7	4.7	3.9
TENNESSEE	2,119.8	2,070.6	2,085.1	165.0	221.5	221.0	8.7	10.7	10.6
Chattanooga[1]	199.3	200.1	202.9	16.2	21.0	22.7	8.2	10.5	11.2
Knoxville	229.3	226.7	224.8	17.0	16.0	15.1	7.4	7.1	6.7
Memphis[1]	408.4	398.6	401.6	32.4	34.1	36.0	7.9	8.6	9.0
Nashville—Davidson	433.1	416.8	422.2	28.8	33.3	33.9	6.7	7.9	8.0

See footnotes at end of table.

STATE AND AREA UNEMPLOYMENT DATA

D-1. Labor force and unemployment by State and selected metropolitan areas—Continued

(Numbers in thousands)

State and area	Labor force			Unemployment					
				Number			Percent of labor force		
	MAY 1981	APR. 1982	MAY 1982p	MAY 1981	APR. 1982	MAY 1982p	MAY 1981	APR. 1982	MAY 1982p
TEXAS[1]	7,067.2	7,251.6	7,261.5	365.7	428.8	436.1	5.2	5.9	6.0
Dallas—Fort Worth	1,656.2	1,711.7	1,721.0	74.8	90.1	98.9	4.5	5.3	5.7
Houston	1,658.3	1,725.1	1,726.0	71.1	86.6	96.9	4.3	5.0	5.6
San Antonio	438.9	465.0	467.5	30.3	31.9	34.5	6.6	6.9	7.4
UTAH	642.3	664.8	664.7	41.4	50.5	46.6	6.5	7.6	7.0
Salt Lake City—Ogden	421.1	433.6	434.8	27.2	31.4	29.5	6.5	7.2	6.8
VERMONT	261.0	260.8	263.6	14.9	23.4	20.0	5.7	9.0	7.6
VIRGINIA	2,608.5	2,623.3	2,639.0	161.0	188.5	187.9	6.2	7.2	7.1
Lynchburg	74.9	75.8	76.0	4.6	6.1	6.5	6.2	8.1	8.5
Newport News—Hampton	167.2	167.7	169.4	11.0	10.8	10.9	6.6	6.4	6.4
Norfolk—Virginia Beach—Portsmouth[1]	334.0	337.9	339.9	22.5	25.0	24.3	6.8	7.4	7.1
Petersburg—Colonial Heights—Hopewell	58.5	59.7	59.7	4.7	5.0	5.1	8.1	8.3	8.5
Richmond	333.6	339.4	339.9	14.7	19.2	19.4	4.4	5.7	5.7
Roanoke	110.2	111.0	111.2	7.1	8.2	7.6	6.4	7.3	6.8
WASHINGTON	1,997.2	1,990.4	2,006.9	176.6	248.5	246.4	8.8	12.5	12.3
Seattle—Everett	870.2	867.4	874.2	66.5	90.5	93.5	7.6	10.4	10.7
Spokane	150.6	149.7	150.0	13.7	18.8	18.6	9.1	12.6	12.4
Tacoma	176.8	182.4	182.5	16.5	22.2	22.7	9.3	12.2	12.5
WEST VIRGINIA	809.1	760.6	767.1	106.5	85.0	83.8	13.2	11.2	10.9
Charleston	126.7	122.3	123.5	12.7	10.0	9.4	9.9	8.2	7.6
Huntington—Ashland[1]	126.8	122.5	123.9	14.1	13.8	13.8	11.1	11.3	11.2
Parkersburg—Marietta[1]	74.9	72.9	72.4	6.6	8.6	7.7	8.8	11.8	10.7
Wheeling[1]	83.8	81.9	82.7	8.3	10.0	10.1	9.9	12.1	12.2
WISCONSIN	2,377.2	2,385.5	2,415.4	173.2	242.5	233.8	7.3	10.2	9.7
Appleton—Oshkosh	147.2	149.2	151.2	10.4	15.6	15.3	7.1	10.5	10.1
Eau Claire	59.4	60.0	60.4	4.1	5.6	5.3	6.9	9.3	8.8
Green Bay	90.3	90.7	91.9	7.1	7.8	7.7	7.8	8.6	8.4
Janesville—Beloit	69.9	71.9	73.0	4.5	11.6	10.6	6.4	16.2	14.5
Kenosha	59.9	57.3	57.9	5.4	7.2	6.2	9.1	12.5	10.7
LaCrosse	48.3	49.6	49.7	3.3	4.0	3.7	6.8	8.1	7.5
Madison	163.0	166.4	168.7	9.1	12.4	11.4	5.6	7.5	6.8
Milwaukee	719.0	714.7	723.7	54.1	65.7	68.1	7.5	9.2	9.5
Racine	86.3	85.0	85.9	7.7	14.0	11.5	8.9	16.5	13.4
WYOMING	253.4	260.3	267.2	9.3	13.2	13.2	3.7	5.1	4.9

[1] Includes interstate portion of area located in adjacent State.

[2] Data are obtained directly from the Current Population Survey. (See "Explanatory Notes" for State and Area Unemployment Data in Employment and Earnings, monthly.)

NOTE: Estimates for 1981 have been benchmarked to 1981 Current Population Survey annual averages. Except in the 10 States and 2 areas designated by footnote 2, estimates for 1982 are provisional and will be revised when new benchmark information becomes available. Data refer to place of residence.

p = preliminary.

N.A. = not available.

SOURCE: Current Population Survey and Cooperating State Employment Security Agencies listed on inside back cover.

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Explanatory Notes

Introduction

The statistics in this periodical are compiled from two major sources: (1) Household interviews, and (2) reports from employers.

Data based on household interviews are obtained from a sample survey of the population 16 years of age and over. The survey is conducted each month by the Bureau of the Census for the Bureau of Labor Statistics and provides comprehensive data on the labor force, the employed, and the unemployed, including such characteristics as age, sex, race, family relationship, marital status, occupation, and industry attachment. The survey also provides data on the characteristics and past work experience of those not in the labor force. The information is collected by trained interviews from a sample of about 60,000 households, representing 629 areas in 1,148 counties and independent cities, with coverage in 50 States and the District of Columbia. The data collected are based on the activity or status reported for the calendar week including the 12th of the month.

Data based on establishment records are compiled each month from mail questionnaires by the Bureau of Labor Statistics, in cooperation with State agencies. The establishment survey is designed to provide industry information on nonagricultural wage and salary employment, average weekly hours, average hourly earnings, and average weekly earnings for the Nation, States, and metropolitan areas. The employment, hours, and earnings series are based on payroll reports from a sample of establishments employing over 30 million nonagricultural wage and salary workers. The data relate to all workers, full- or part-time, who received pay during the payroll period which includes the 12th day of the month.

RELATION BETWEEN THE HOUSEHOLD AND ESTABLISHMENT SERIES

The household and establishment data supplement one another, each providing significant types of information that the other cannot suitably supply. Population characteristics, for example, are readily obtained only from the household survey whereas detailed industrial classifications can be reliably derived only from establishment reports.

Data from these two sources differ from each other because of differences in definitions and coverage, sources of information, methods of collection, and estimating procedures. Sampling variability and response errors are additional reasons for discrepancies. The major factors which have a differential effect on levels and trends of the two series are as follows.

Employment

Coverage. The household survey definition of employment comprises wage and salary workers (including domestics and other private household workers), self-employed persons, and unpaid workers who worked 15 hours or more during the survey week in family-operated enterprises. Employment in both agricultural and nonagricultural industries is included. The payroll survey covers only wage and salary employees on the payrolls of nonagricultural establishments.

Multiple jobholding. The household approach provides information on the work status of the population without duplication, since each person is classified as employed, unemployed, or not in the labor force. Employed persons holding more than one job are counted only once and are classified according to the job at which they worked the greatest number of hours during the survey week. In the figures based on establishment reports, persons who worked in more than one establishment during the reporting period are counted each time their names appear on payrolls.

Unpaid absences from jobs. The household survey includes among the employed all persons who had jobs but were not at work during the survey week—that is, were not working but had jobs from which they were temporarily absent because of illness, bad weather, vacation, labor-management dispute, or because they were taking time off for various other reasons, even if they were not paid by their employers for the time off. In the figures based on payroll reports, persons on leave paid for by the company are included, but not those on leave without pay for the entire payroll period.

For a comprehensive discussion of the differences between household and establishment survey employment data, see Gloria P. Green's article "Comparing Employment Estimates from Household and Payroll Surveys," *Monthly Labor Review*, December 1969.

Hours of work

The household survey measures hours actually worked whereas the payroll survey measures hours paid for by employers. In the household survey data, all persons with a job but not at work are excluded from the hours distributions and the computations of average hours. In the payroll survey, production or nonsupervisory employees on paid vacation, paid holiday, or paid sick leave are included and assigned the number of hours for which they were paid during the reporting period.

Earnings

The household survey measures median earnings of wage and salary workers in all occupations and industries in both the private and public sectors. Data refer to the usual earnings received from the worker's sole or primary job. Data from the establishment survey generally refer to mean earnings of production and related workers in mining and manufacturing, construction workers in construction, and nonsupervisory employees in private service-producing industries. For a comprehensive discussion of the household survey earnings series, see "Technical Description of the Quarterly Data on Weekly Earnings from the Current Population Survey," BLS Bulletin 2113.

COMPARABILITY OF THE HOUSEHOLD DATA WITH OTHER SERIES

Unemployment insurance data. The unemployed total from the household survey includes all persons who did not have a job at all during the survey week and were looking for work or were waiting to be called back to a job from which they had been laid off, whether or not they were eligible for unemployment insurance. Figures on unemployment insurance claims, prepared by the Employment and Training Administration of the Department of Labor, exclude persons

who have exhausted their benefit rights, new workers who have not earned rights to unemployment insurance, and persons losing jobs not covered by unemployment insurance systems (some workers in agriculture, domestic services, and religious organizations, and self employed and unpaid family workers). Beginning in January 1978, coverage was extended to include domestic workers whose employers paid $1,000 or more in wages in any calendar quarter, agricultural employees whose employers engaged 10 or more workers in 20 weeks or paid a total $20,000 or more in wages in any calendar quarter, and almost all State and local government employees.

In addition, the qualifications for drawing unemployment compensation differ from the definition of unemployment used in the household survey. For example, persons with a job but not at work and persons working only a few hours during the week are sometimes eligible for unemployment compensation but are classified as employed rather than unemployed in the household survey.

For an examination of the similarities and differences between State insured unemployment and total unemployment, see "Measuring Total and State Insured Unemployment" by Gloria P. Green in the June 1971 issue of the *Monthly Labor Review*.

Agricultural employment estimates of the Department of Agriculture. The principal differences in coverage are the inclusion of persons under 16 in the Statistical Research Service (SRS) series and the treatment of dual jobholders who are counted more than once if they work on more than one farm during the reporting period. There are also wide differences in sampling techniques and collecting and estimating methods, which cannot be readily measured in terms of impact on differences in level and trend of the two series.

COMPARABILITY OF THE PAYROLL EMPLOYMENT DATA WITH OTHER SERIES

Statistics on manufactures and business, Bureau of the Census. BLS establishment statistics on employment differ from employment counts derived by the Bureau of Census from its censuses or annual sample survey of manufacturing establishments and the censuses of business establishments. The major reasons for some noncomparability are different treatment of business units considered parts of an establishment, such as central administrative offices and auxiliary units, the industrial classification of establishments, and different reporting patterns by multiunit companies. There are also differences in the scope of the industries covered, e.g., the Census of Business excludes professional services, public utilities, and financial establishments, whereas these are included in the BLS statistics.

County Business Patterns. Data in County Business Patterns (CBP), published by the Bureau of the Census, U.S. Department of Commerce, differ from BLS establishment statistics in the treatment of central administrative offices and auxiliary units. Differences may also arise because of industrial classification and reporting practices. In addition, CBP excludes interstate railroads and government, and coverage is incomplete for some of the nonprofit activities.

Employment covered by State unemployment insurance programs. Most nonagricultural wage and salary workers are covered by the unemployment insurance programs. Beginning in January 1972, coverage was expanded to include employees of small firms and selected nonprofit activities who had not been covered previously. However, certain activities, such as interstate railroads, parochial schools, and churches are not covered by unemployment insurance whereas these are included in the BLS establishment statistics. Beginning in January 1978, coverage was extended to include domestic workers whose employers paid $1,000 or more in wages in any calendar quarter, agricultural employees whose employers engaged 10 or more workers in 20 weeks or paid a total of $20,000 or more in wages in any calendar quarter, and almost all State and local government employees.

Household Data (A tables)

COLLECTION AND COVERAGE

Statistics on the employment status of the population, the personal, occupational, and other characteristics of the employed, the unemployed, and persons not in the labor force, and related data are compiled for the BLS by the Bureau of the Census in its Current Population Survey (CPS). A detailed description of this survey appears in *Concepts and Methods Used in Labor Force Statistics Derived from the Current Population Survey*, BLS Report 463. This report is available from BLS upon request.

These monthly surveys of the population are conducted with a scientifically selected sample designed to represent the civilian noninstitutional population. Respondents are interviewed to obtain information about the employment status of each member of the household 16 years of age and over. Separate statistics are also collected and published for 14- and 15-year-olds. The inquiry relates to activity or status during the calendar week, Sunday through Saturday, which includes the 12th of the month. This is known as the survey week. Actual field interviewing is conducted in the following week.

Inmates of institutions, members of the Armed Forces, and persons under 14 years of age are not covered in the regular monthly enumerations and are excluded from the population and labor force statistics shown in this report. Data on members of the Armed Forces, who are included as part of the categories "total noninstitutional population" and "total labor force," are, however, obtained from the Department of Defense.

Each month about 60,000 occupied units are eligible for interview. About 2,500 of these households are visited but interviews are not obtained because the occupants are not at home after repeated calls or are unavailable for other reasons. This represents a noninterview rate for the survey of between 4 or 5 percent. In addition to the 60,000 occupied units, there are 11,000 sample units in an average month which are visited but found to be vacant or otherwise not to be enumerated. Part of the sample is changed each month. The rotation plan provides for three-fourths of the sample to be common from 1 month to the next and one-half to be common with the same month a year earlier.

Beginning in September 1975, the sample was enlarged by 9,000 households in order to provide greater reliability for smaller States and thus permit the publication of annual statistics for all 50 States and the District of Columbia. These supplementary households were added to the national 47,000 household sample in January 1978.

Over the period November 1978 to April 1979 the sample was again enlarged by 9,000 households. These supplementary households were added to the 56,000 household sample in January 1980.

Beginning in May 1981, the sample size was cut by about 6,000 occupied housing units. The reduction did not affect the ability to

publish reliable State and local estimates and had practically no effect on the reliability of national estimates.

Beginning in January 1982, the sample was expanded by about 100 households in 15 counties. The expanded sample provides sufficient coverage of counties added to 7 of the 30 largest SMSA's redefined in 1973. The additional sample had practically no effect on the reliability of national or State estimates.

CONCEPTS

Employed persons comprise (a) all those who during the survey week did any work at all as paid employees, in their own business, profession, or farm, or who worked 15 hours or more as unpaid workers in an enterprise operated by a member of the family, and (b) all those who were not working but who had jobs or businesses from which they were temporarily absent because of illness, bad weather, vacation, labor-management dispute, or personal reasons, whether or not they were paid by their employers for the time off, and whether or not they were seeking other jobs.

Each employed person is counted only once. Those who held more than one job are counted in the job at which they worked the greatest number of hours during the survey week.

Included in the total are employed citizens of foreign countries, temporarily in the United States, who are not living on the premises of an embassy.

Excluded are persons whose only activity consisted of work around the house (such as home housework, and painting or repairing own home) or volunteer work for religious, charitable, and similar organizations.

Unemployed persons comprise all persons who did not work during the survey week, who made specific efforts to find a job within the past 4 weeks, and who were available for work during the survey week (except for temporary illness). Also included as unemployed are those who did not work at all, were available for work, and (a) were waiting to be called back to a job from which they had been laid off; or (b) were waiting to report to a new wage or salary job within 30 days.

Duration of unemployment represents the length of time (through the current survey week) during which persons classified as unemployed had been continuously looking for work. For persons on layoff, duration of unemployment represents the number of full weeks since the termination of their most recent employment. A period of 2 weeks or more during which a person was employed or ceased looking for work is considered to break the continuity of the present period of seeking work. Measurements of mean and median duration are computed from a distribution of single weeks of unemployment.

Unemployed persons by reasons for unemployment are divided into four major groups. (1) Job losers are persons whose employment ended involuntarily who immediately began looking for work and persons on layoff. (2) Job leavers are persons who quit or otherwise terminated their employment voluntarily and immediately began looking for work. (3) Reentrants are persons who previously worked at a full-time job lasting 2 weeks or longer but were out of the labor force prior to beginning to look for work. (4) New entrants are persons who never worked at a full-time job lasting 2 weeks or longer.

Jobseekers are all unemployed persons who made specific efforts to find a job, sometime during the 4-week period preceding the survey week. Jobseekers do not include persons unemployed because they (a) were waiting to be called back to a job from which they had been laid off or (b) were waiting to report to a new wage or salary job within 30 days. Jobseekers are grouped by the methods used to seek work, including going to a public or private employment agency or to an employer directly, seeking assistance from friends or relatives, placing or answering ads, or utilizing some "other" method. Examples of the "other" category include being on a union or professional register, obtaining assistance from a community organization, or waiting at a designated pick-up point.

The *civilian labor force* comprises the total of all civilians classified as employed or unemployed in accordance with the criteria described above. The "total labor force" also includes members of the Armed Forces stationed either in the United States or abroad.

The unemployment rate represents the number unemployed as a percent of the civilian labor force. This measure can also be computed for groups within the labor force classified by sex, age, marital status, race, occupation, industry, etc. The job-loser, job-leaver, reentrant, and new entrant rates are each calculated as a percent of the civilian labor force; the sum of the rates for the four groups thus equals the total unemployment rate.

Participation rates represent the proportion of the noninstitutional population that is in the labor force. Two types of participation rates are published. The total labor force participation rate, which is the ratio of the total labor force and the total noninstitutional population, and the civilian labor force participation rate which is the ratio of the civilian labor force and the civilian noninstitutional population. Participation rates are usually published for sex-age groups, often cross-classified by other demographic characteristics such as race and educational attainment.

Employment-population ratios represent the proportion of the total noninstitutional population that is employed.

Not in labor force includes all civilians 16 years and over who are not classified as employed or unemployed. These persons are further classified as "engaged in own home housework," in school," "unable to work" because of long-term physical or mental illness, and "other." The "other" group includes for the most part retired persons, those reported as too old to work, the voluntarily idle, and seasonal workers for whom the survey week fell in an "off" season and who were not reported as unemployed. Persons doing only incidental unpaid family work (less than 15 hours) are also classified as not in the labor force.

For persons not in the labor force, data on previous work experience, intentions to seek work again, desire for a job at the time of interview, and reasons for not looking for work are compiled on a quarterly basis. As of January 1970, the detailed questions for persons not in the labor force are asked only in those households that are in the fourth and eighth months of the sample, i.e., the "outgoing" groups, those which had been in the sample for 3 previous months and would not be in for the subsequent month. Between 1967 and 1969, the detailed not-in-labor force questions were asked of persons in the first and fifth months in the sample, i.e., the "incoming" groups.

Occupation, industry, and class of worker for the employed apply to the job held in the survey week. Persons with two or more jobs are classified in the job at which they worked the greatest number of hours during the survey week. The unemployed are classified according to their last full-time civilian job lasting 2 weeks or more. The occupation and industry groups used in the CPS are defined as in the 1970 Census of Population. Information on the detailed categories included in these groups is available upon request.

The class-of-worker breakdown specifies "wage and salary workers," subdivided into private and government workers, "self-employed workers," and "unpaid family workers." Wage and salary workers receive wages, salary, commission, tips, or pay in kind from a private employer or from a government unit. Self-employed persons are those who work for profit or fees in their own business, profession, or trade, or operate a farm. Unpaid family workers are persons working without pay for 15 hours a week or more on a farm or in a business operated by a member of the household to whom they are related by blood or marriage.

Hours of work statistics relate to the actual number of hours worked during the survey week. For example, a person who normally works 40 hours a week but who was off on the Columbus Day holiday would be reported as working 32 hours even though he/she was paid for the holiday.

For persons working in more than one job, the figures relate to the number of hours worked in all jobs during the week. However, all the hours are credited to the major job.

The distribution of employment by hours worked relates to persons "at work" during the survey week. At work data differ from data on total employment because the latter include persons in the zero-hours worked category, "with a job but not at work." Included in this latter group are persons who were on vacation, ill, involved in a labor dispute, or otherwise absent from their jobs for voluntary, noneconomic reasons.

Persons who worked 35 hours or more in the survey week are designated as working "full time," correspondingly persons who worked between 1 and 34 hours are designated as working "part time." Part-time workers are classified by their usual status at their present job (either full or part time) and by their reason for working part time during the survey week (economic or other reasons). "Economic reasons" include: Slack work, material shortages, repairs to plant or equipment, start or termination of a job during the week, and inability to find full-time work. "Other reasons" include: Labor dispute, bad weather, own illness, vacation, demands of home, housework, school, no desire for full-time work, and full-time worker only during the peak season. Persons on full-time schedules include, in addition to those working 35 hours or more, those who worked from 1 to 34 hours for noneconomic reasons and usually work full time.

The *full-time labor force* consists of persons working on full-time schedules, persons involuntarily working part-time (part time for economic reasons), and unemployed persons seeking full-time jobs. The *part-time labor force* consists of persons working part time voluntarily and unemployed persons seeking part-time work. Persons with a job but not at work during the survey week are classified according to whether they usually work full or part-time.

Labor force time lost is a measure of aggregate hours lost to the economy through unemployment and involuntary part-time employment and is expressed as a percent of potentially available aggregate hours. It is computed by assuming: (1) That unemployed persons looking for full-time work lost an average of 37.5 hours (2) that those looking for part-time work lost the average number of hours actually worked by voluntary part-time workers during the survey week, and (3) that persons on part time for economic reasons lost the difference between 37.5 hours and the actual number of hours they worked.

White and black and other are terms used to describe the race of workers. The "black-and-other category," includes all persons who identified themselves in the enumeration process to be other than white. At the time of the 1980 Census of Population, 83 percent of the black-and-other civilian noninstitutional population 16 years and over were black; the remainder were primarily American Indians, Alaskan Natives, and Asians and Pacific Islanders. The term "black" is used in this volume when the relevant data are provided exclusively for the black population.

Hispanic origin refers to persons who identified themselves in the enumeration process as Mexican, Puerto Rican living on the mainland, Cuban, Central or South American, or of other Hispanic origin or descent.

Major activity: going to school and major activity: other are terms used to describe whether the activity of young persons during the reference week is primarily one of going to school or not. Statistics on major activity are published every month in table A-7 for 16- to 21-year-olds by employment status, race, and sex, and, if unemployed, whether seeking full- or part-time work.

Vietnam-era veterans are those who served in the Armed Forces of the United States between August 5, 1964, and May 7, 1975. Tables for veterans in this volume are limited to males in the civilian noninstitutional population, i.e., veterans in institutions and females are excluded.

Nonveterans are males who never served in the Armed Forces.

The *poverty areas* classification consists of all Census geographical divisions in which 20 percent or more of the residents were poor according to the 1970 Decennial Census. Persons were classified as poor or nonpoor by using income thresholds adopted by a Federal interagency committee in 1969. These thresholds vary by family size, composition, and residence (farm-nonfarm). While poverty areas have a substantial concentration of low-income residents, many poor persons live outside these areas and, conversely, the areas include many people who are not poor.

The *metropolitan areas* classification consists of the total of all areas encompassed by Standard Metropolitan Statistical Areas (SMSA's). The metropolitan area total is based on the number of SMSA's as defined in the 1970 Decennial Census and does not include any subsequent additions or changes. Nonmetropolitan areas refer to the total of all areas outside SMSA's. The nonmetropolitan total is disaggregated into farm and nonfarm components.

Usual weekly earnings data are provided from responses to the question "How much does . . .USUALLY earn per week at this job before deductions?" Included are any overtime pay, commissions, or tips usually received. Data refer to the sole or primary job of wage and salary workers. The term "usual" is as perceived by the respondent. If the respondent asks for a definition of "usual," interviewers are instructed to define the term as more than half the weeks worked during the past 4 or 5 months.

A *household* consists of all persons—related family members and all unrelated persons—who occupy a housing unit. A house, an apartment, a group of rooms, or a single room are regarded as a housing unit when occupied or intended for occupancy as separate living quarters.

A *householder* is the person (or one of the persons) in whose name the housing unit is owned or rented. The term is never applied to either husbands or wives in married-couple families but only to persons in families maintained by either men or women without a spouse.

Family refers to a group of two or more persons residing together who are related by blood, marriage, or adoption; all such persons are considered as members of one family even though they may include a "subfamily," that is, a married couple or a parent-child group related by blood or marriage to the householder and sharing the living quarters. The counts of families used in this volume refer to primary families only, that is, all persons in the household who are related to the householder. Families are classified either as married-couple families or as those maintained by women or men without spouses. Data on the earnings of families exclude all those in which there is no wage or salary earner or in which the husband, wife, or other persons maintaining the family is either self-employed or in the Armed Forces.

HISTORIC COMPARABILITY

Raised lower age limit

Beginning with data for 1967, the lower age limit for official statistics on persons in the labor force was raised from 14 to 16 years. A detailed discussion of this and other definitional changes introduced at that time including estimates of their effect on the various series, is contained in "New Definitions for Employment and Unemployment" by Robert L. Stein in the February 1967 issue of *Employment and Earnings and Monthly Report on the Labor Force*.

Noncomparability of labor force levels

Before the changes introduced in 1967, the labor force data were not comparable for three earlier periods: (1) Beginning in 1953, as a result of the introduction of data from the 1950 census into the estimation procedure, population levels were raised by about 600,000; labor force, total employment, and agricultural employment by about 350,000, primarily affecting the figures for totals and males; other categories were relatively unaffected; (2) beginning in 1960, the inclusion of Alaska and Hawaii resulted in an increase of about 500,000 in the population and about 300,000 in the labor force, four-fifths of this in nonagricultural employment; other labor force categories were not appreciably affected; (3) beginning in 1962, the introduction of figures from the 1960 census reduced the population by about 50,000, labor force and employment by about 200,000; unemployment totals were

virtually unchanged. In addition, beginning in 1972, information from the 1970 census was introduced into the estimation procedures, producing an increase in the civilian noninstitutional population of about 800,000; labor force and employment totals were raised by a little more than 300,000, and unemployment levels and rates were essentially unchanged. A subsequent population adjustment based on the 1970 census was introduced in March 1973. This adjustment affected the white and black and other groups but had little effect on totals. The adjustment resulted in the reduction of nearly 300,000 in the white population and an increase of the same magnitude in the black and other population. Civilian labor force and total employment figures were affected to a lesser degree; the white labor force was reduced by 150,000, and the black and other labor force rose by about 210,000. Unemployment levels and rates were not significantly affected.

Beginning in January 1974, the methodology used to prepare independent estimates of the civilian noninstitutional population was modified to an "inflation-deflation" approach. This change in the derivation of the population estimates had its greatest impact on estimates of 20- to 24-year-old males—particularly those of the black-and-other population—but had little effect on 16 and over totals. Additional information on the adjustment procedure appears in "CPS Population Controls Derived from Inflation-Deflation Method of Estimation" in the February 1974 issue of *Employment and Earnings*.

Effective July 1975, as a result of the immigration of Vietnamese refugees into the United States, the total and black-and-other independent population controls for persons 16 years and over were adjusted upward by 76,000—30,000 males and 46,000 females. The addition of the refugees increased the black-and-other population by less than 1 percent in any age-sex group, and all of the changes were in the "other" population.

Beginning in 1978, the introduction of an expansion of the sample and revisions in the estimation procedures resulted in an increase of roughly a quarter of a million in the overall civilian labor force and employment totals; unemployment levels and rates were essentially unchanged. An explanation of the procedural changes and an indication of the differences appear in "Revisions in the Current Population Survey in January 1978" in the February 1978 issue of *Employment and Earnings*.

Beginning in October 1978, the race of the individual was determined by the household respondent for the incoming rotation group households, rather than determined by the interviewer as before. The purpose of this change was to provide more accurate estimates of characteristics by race. Thus, in October 1978, one-eighth of the sample households had race determined by the household respondent and seven-eighths of the sample households had race determined by interviewer observation. It was not until January 1980 that the entire sample had race determined by the household respondent. The new procedure had no significant effect on the estimates.

Beginning in 1979, the first-stage ratio estimation method was changed in the CPS estimation procedure. The new procedure is described in the *Estimating Methods* section. The reasoning behind the change and an indication of the differences appear in "Change in the Estimation Procedure for the Current Population Survey beginning in January 1979" in the February 1979 issue of *Employment and Earnings*. Differences between the old and new procedures exist only for metropolitan and nonmetropolitan estimates, not for the total U.S.

Beginning in January 1982, the second-stage ratio adjustment methodology was changed in the CPS estimation procedure. The new procedure is described in the *Estimating Methods* section. The purpose of the change and an indication of its effect on national estimates of labor force characteristics appear in "Revisions in the Current Population Survey in January 1982" in the February 1982 issue of *Employment and Earnings*. In addition, current population estimates used in the second-stage estimation procedure are derived from information obtained from the 1980 census, rather than the 1970 census. This change caused substantial increases in total population and estimates of persons in all labor force categories. Rates on labor force characteristics, however, remained virtually unchanged. Some 30,000 labor force series were adjusted back to 1970 to avoid major breaks in series. The adjustment procedure used is also described in the February 1982 article referenced above. The revisions did not, however, smooth out the breaks in series occurring between 1972 and 1979 that are described above, and data users should make allowances for them in making certain data comparisons.

Changes in the occupational classification system

Beginning with 1971, the comparability of occupational employment data was affected as a result of changes in census occupational classifications introduced into the Current Population Survey (CPS). These changes stemmed from an exhaustive review of the classification system to be used for the 1970 Census of Population. The purpose of this review, the most comprehensive since the 1940 census, was to reduce the size of larger groups, to be more specific about general and "not elsewhere classified" groups, and to provide information on emerging significant occupations. Differences in March 1970 employment levels tabulated on both the 1960 and 1970 classification systems ranged from a drop 650,000 in operatives to an increase of 570,000 in service workers, much of which resulted from a shift between these two groups; the nonfarm laborers group increased by 420,000, and changes in other groups amounted to 220,000 or less.

An additional major group was created by splitting the operatives category into two: Operatives, except transport, and transport equipment operatives. Separate data for these two groups first became available in January 1972. At the same time, several changes in titles, as well as in order of presentation, were introduced; for example, the title of the managers, officials, and proprietors group was changed to "managers and administrators, except farm," since only proprietors performing managerial duties are included in the category.

Apart from the effects of revisions in the occupational classification system beginning in 1971, comparability of occupational employment data was further affected in December 1971, when a question eliciting information on major activities or duties was added to the monthly CPS questionnaire in order to determine more precisely the occupational classification of individuals. This change resulted in several dramatic occupational shifts, particularly from managers and administrators to other groups; thus, meaningful comparisons of occupational levels cannot always be made for 1972 and subsequent years with earlier periods. However, revisions in the occupational classification system as well as in the CPS questionnaire are believed to have had but a negligible impact on unemployment rates.

Additional information on changes in the occupational classification system of the CPS appears in "Revisions in Occupational Classifications for 1971" and "Revisions in the Current Population Survey" in the February 1971 and February 1972 issues, respectively, of *Employment and Earnings*.

Changes in sample design

Since the inception of the survey, there have been various changes in the design of the CPS sample. Most of these changes were made in order to improve the efficiency of the sample design and/or to increase the reliability of the sample estimates.

One major change made after every decennial census is to change the sample design to make use of the recently collected census materials. Also, occasionally the sample is expanded in terms of number of sample areas and number of sample persons. In 1953, a rotation plan was introduced in which a sample unit would be interviewed for 4 months, leave the sample for 8 months, and then return to the sample for another 4 months. When Alaska and Hawaii achieved statehood, three more sample areas were added to the sample to account for the population in these States. After the 1960 census, selection of a major portion of the sample from census address lists was begun, though a portion of the sample is still collected using area

sampling. Following the 1970 census, the ultimate sampling unit was changed from a noncontiguous cluster of six housing units to a usually contiguous cluster of four housing units. In January 1978, a supplemental sample of 9,000 housing units, selected in 24 States and the District of Columbia and designed to provide more reliable annual average estimates for States, was incorporated with the existing design. A coverage improvement sample, composed of approximately 450 sample household units which represent 237,000 occupied mobile homes and 60,000 new construction house units, was included in computing the estimates beginning in October 1978 in order to provide coverage of mobile homes and new construction housing units that previously had no chance for selection in the CPS sample. In January 1980 another supplemental sample of 9,000 households selected in 32 States and the District of Columbia was added to the existing sample. A sample reduction of about 6,000 units was implemented in May 1981. In January 1982, about 100 occupied units were added to provide sufficient coverage in counties added to SMSA's which were redefined in 1973.

Table A provides a description of some aspects of the CPS sample design in use during the different data collection periods. For a more detailed account of the history of the CPS sample design, see *The Current Population Survey: Design and Methodology*, Technical Paper No. 40, Bureau of the Census, U.S. Department of Commerce, or *Concepts and Methods used in Labor Force Statistics Derived from the Current Population Survey*, BLS Report 463.

ESTIMATING METHODS

Under the estimating methods used in the CPS, all of the results for a given month become available simultaneously and are based on returns from the entire panel of respondents. The CPS estimation procedure involves weighting the data from each sample person. The basic weight, which is the inverse of the probability of the person being in the sample, is a rough measure of the number of actual persons that the sample person represents. In States supplemented in the 1978 and 1980 expansions, almost all sample persons within the sample area have the same basic weight, but the weight may differ across sample areas. The basic weight is the same for almost all sample persons in unsupplemented States. The basic weights are then adjusted for noninterview, and the ratio estimation procedure is applied.

1. *Noninterview adjustment.* The weights for all interviewed households are adjusted to the extent needed to account for occupied sample households for which no information was obtained because of absence, impassable roads, refusals, or unavailability of the respondent for other reasons. This adjustment is made separately by combinations of sample areas within each State and the District of Columbia, and within these, for six groups—two race categories (white, and black and other) within three residence categories. For sample areas which are Standard Metropolitan Statistical Areas (SMSA's), these residence categories are the central cities, and the urban and the rural balance of the SMSA's. For other sample areas, the residence categories are urban, rural nonfarm, and rural farm. The proportion of sample households not interviewed varies from 4 to 5 percent depending on weather, vacations, etc.

2. *Ratio estimates.* The distribution of the population selected for the sample may differ somewhat, by chance, from that of the population as a whole, in such characteristics as age, race, sex, and residence. Since these characteristics are closely correlated with labor force participation and other principal measurements made from the sample, the survey estimates can be substantially improved when weighted appropriately by the known distribution of these population characteristics. This is accomplished through two stages of ratio estimates as follows:

a. *First-stage ratio estimate.* In the CPS, a portion of the 629 sample areas is chosen to represent other areas not in the sample; the remainder of the sample areas represent only themselves. The first-stage ratio estimation procedure was designed to reduce the portion of the variance resulting from requiring sample areas to represent nonsample areas. Therefore, this procedure is not applied to sample areas which represent only themselves. The procedure is performed at two geographic levels: First, by the four census regions (Northeast, North Central, South, and West), and second, for each of the 46 States which contains nonsample areas. The procedure corrects for the differences that existed at the time of the 1980 census between the distribution by race and residence of the population in the sample areas and the known race-residence distribution in the portions of the census region or State represented by these areas. The regional adjustment is performed by metropolitan-nonmetropolitan residence and race, while the State adjustment is done by urban-rural status and race.

b. *Second-stage ratio estimate.* In this stage, the sample proportions in the categories described below are adjusted to the distribution of independent current estimates of the civilian noninstitutional population in the same categories. The second-stage ratio estimate is performed in order to increase the reliability of the estimates and is carried out in two steps. In the first step, the sample estimates are adjusted within each State and the District of Columbia to an independent control for the population 16 years and over, for the State. The second step of the adjustment is applied to all sample persons and is a weighting to nationwide independent population estimates of the civilian noninstitutional population within 68 age-sex-race groups. The entire second-stage ratio estimation procedure is iterated six times, each time beginning at the weights developed the previous time. This iteration ensures that the sample estimates both of the State population and of the national age-sex-race categories will be virtually equal to the independent population estimates. This second stage adjustment procedure incorporates changes instituted in January 1982. The nature of these changes is discussed in detail in "Revisions in the

Table A. Characteristics of the CPS sample

Time period	Number of sample areas	Households eligible		Households visited not eligible
		Interviewed	Not interviewed	
Aug. 1947 to Jan. 1954	68	21,000	500–1,000	3,000–3,500
Feb. 1954 to Apr. 1956	230	21,000	500–1,000	3,000–3,500
May 1956 to Dec. 1959	[1] 330	33,500	1,500	6,000
Jan. 1960 to Feb. 1963	[2] 333	33,500	1,500	6,000
Mar. 1963 to Dec. 1966	357	33,500	1,500	6,000
Jan. 1967 to July 1971	449	48,000	2,000	8,500
Aug. 1971 to July 1972	449	45,000	2,000	8,000
Aug. 1972 to Dec. 1977	461	45,000	2,000	8,000
Jan. 1978 to Dec. 1979	614	53,500	2,500	10,000
Jan. 1980 to Apr. 1981	629	62,200	2,800	12,000
May 1981 to present	629	57,800	2,500	11,000

[1] Beginning in May 1956, these areas were chosen to provide coverage in each State and the District of Columbia.

[2] Three sample areas were added in 1960 to represent Alaska and Hawaii after statehood.

Current Population Survey Beginning in January 1982" in the February 1982 issue of *Employment and Earnings*.

The controls by State for the civilian noninstitutional population 16 years and over are an arithmetic extrapolation of the trend in the growth of this segment of the population from the April 1, 1980 census through the lastest available July 1 estimate, adjusted as a last step to a current estimate of the U.S. population of this group. State estimates by age for July 1 are published annually in *Current Population Reports*, Series P-25. For a description of the methodology used in developing the State total, use Report 640 of that series. Descriptions of the age estimates methodology are available on request from the Chief of the Population Division, U.S. Bureau of the Census; Washington, D.C. 20233.

Beginning with the January 1982 estimates, the independent national controls used for the age-sex-race groups in the final step of the second-stage ratio adjustment are prepared by carrying forward the April 1, 1980, total population by age, race, and sex, taking account of the subsequent aging of the population, fertility, mortality, and net immigration, and then subtracting the estimate for the institutional population and Armed Forces. The April 1, 1980, total population was computed by adding together the resident population, consistent with that published for the 1980 census in *Advance Reports*, Series PHC80-V, and the Armed Forces overseas, as compiled from Department of Defense reports.

Data on births and deaths between April 1, 1980, and the estimate date are based on tabulation of vital statistics for the resident population made by the National Center for Health Statistics and data on deaths of military personnel overseas from the Department of Defense. Estimates of net civilian immigration are based on data provided by the Immigration and Naturalization Service, the Department of Defense, the Office of Personnel Management, and the Puerto Rico Planning Board. The civilian noninstitutional population for the estimate date is derived by subtracting the Armed Forces and the institutional population from the total population including Armed Forces overseas. The institutional population is computed by applying institutional proportions derived from the 1980 census to the total population, including Armed Forces overseas for the estimate date. All computations described above are performed in cells defined by single year of age, race, and sex. The independent national controls totals are then obtained by collapsing these cells into broader age groups for the population 16 years and older.

3. *Composite estimate procedure.* In deriving statistics for a given month, a composite estimating procedure is used which takes account of net changes from the previous month for continuing parts of the sample (75 percent) as well as the sample results for the current month. Almost all estimates of month-to-month change are improved by this procedure, and most estimates of levels are also improved, but to a lesser extent.

Rounding of estimates

The sums of individual items may not always equal the totals shown in the same tables because of independent rounding of totals and components to the nearest thousand. Differences, however, are insignificant.

Reliability of the estimates

There are two types of errors possible in an estimate based on a sample survey—sampling and nonsampling. The standard errors provided primarily indicate the magnitude of the sampling error. They also partially measure the effect of some nonsampling errors in response and enumeration but do not measure any systematic biases in the data.

Nonsampling errors. The full extent of nonsampling error is unknown, but special studies have been conducted to quantify some sources of nonsampling error in the CPS as discussed below. The effect of nonsampling error should be small on estimates of relative change, such as month-to-month change. Estimates of monthly levels would be more severely affected by the nonsampling error.

Nonsampling errors in surveys can be attributed to many sources, e.g., inability to obtain information about all cases in the sample, definitional difficulties, differences in the interpretation of questions, inability or unwillingness of respondents to provide correct information, inability to recall information, errors made in collection such as in recording or coding the data, errors made in processing the data, errors made in estimating values for missing data, and failure to represent all sample households and all persons within sample households (undercoverage).

Nonsampling errors occurring in the interview phase of the survey have been studied by means of a reinterview program. This program is used to estimate various sources of error as well as to evaluate and control the work of the interviewers. A random sample of each interviewer's work is inspected through reinterview at regular intervals. The results indicate, among other things, that the data published from the CPS are subject to moderate systematic biases. A description of the CPS reinterview program and some of the other results may be found in the *Current Population Survey Reinterview Program, January 1961 through December 1966*, Technical Paper No. 19, Bureau of the Census, U.S. Department of Commerce.

The effects of some components of nonsampling error in the CPS data can be examined as a result of the rotation plan used for the sample, since the level of the estimates varies by rotation group. A description of these effects appears in the article "The Effects of Rotation Group Bias on Estimates from Panel Surveys," by Barbara A. Bailar, *Journal of the American Statistical Association*, Volume 70, No. 349, March 1975.

Undercoverage in the CPS results from missed housing units and missed persons within sample households. Overall undercoverage as compared to the level of the decennial census, is about 5 percent. It is known that the CPS undercoverage varies with age, sex, and race. Generally, undercoverage is larger for males than for females, and larger for black and other races combined than for whites. Ratio estimation to independent age-sex-race population controls, as described previously, partially corrects for the biases due to survey undercoverage. However, biases exist in the estimates to the extent that missed persons in missed households or missed persons in interviewed households have different characteristics than interviewed persons in the same age-sex-race group. Further, the independent population controls used have not been adjusted for undercoverage in the 1980 census.

Additional information on nonsampling error in the CPS appears in the paper, "An Error Profile: Employment as Measured by the Current Population Survey," by Camilla Brooks and Barbara Bailar, Statistical Policy Working Paper 3, U.S. Department of Commerce, Office of Federal Statistical Policy and Standards; in the paper "The Current Population Survey: An Overview," by Marvin Thompson and Gary Shapiro, *Annals of Economic and Social Measurement, Vol. 2, April 1973*; and in the *The Current Population Survey, Design and Methodology*, Technical Paper No. 40, Bureau of the Census, U.S. Department of Commerce. This last document includes a comprehensive and up-to-date discussion of various sources of error, and describes attempts to measure them in the CPS.

Sampling error. The standard error is primarily a measure of sampling variability, that is, of the variation that occurs by chance because a sample rather than the entire population is surveyed. The sample estimate and its estimated standard error enable one to construct confidence intervals, ranges that would include the average of all possible samples with a known probability. For example, if all possible samples were selected, each of these surveyed under essentially the same general conditions and using the same sample design, and an estimate and its estimated error were calculated from each sample, then:

same general conditions and using the same sample design, and an estimate and its estimated error were calculated from each sample, then:

1. Approximately 68 percent of the intervals from one standard error below the estimate to one standard error above the estimate would include the average result of all possible samples.

2. Approximately 90 percent of the intervals from 1.6 standard errors below the estmate to 1.6 standard errors above the estimate would include the average of all possible samples.

3. Approximately 95 percent of the intervals from 2 standard errors below the estimate to 2 standard errors above the estimate would include the average result of all possible samples.

In order to derive standard errors that would be applicable to a large number of estimates and could be prepared at a moderate cost, a number of approximations were required. First, the standard errors in this volume reflect the sample design and estimation procedures in effect prior to the expansions for State estimates. Thus, these standard errors may slightly overstate the standard errors applicable to the present design. Second, instead of computing an individual standard error for each estimate, generalized sets of standard errors were computed for various types of characteristics. This generalization yields more stable estimates of the standard errors. Consequently, the sets of standard errors provided give an indication of the order of magnitude of the standard error of an estimate rather than the precise standard error.

Tables B and C show approximate standard errors for major employment status characteristics for monthly estimates and for changes for consecutive months. These standard errors are applicable to the level of the estimates in recent months.

Tables D through H provide generalized standard errors for monthly level and month-to-month change for estimated totals, unemployment rates, and percentages. Table I contains factors for use with table H for computing standard errors, as described below, for monthly level and month-to-month change for percentages. Standard errors for intermediate values not shown in the tables may be approximated by linear interpolation. The standard error for estimated changes from one month to the next is more closely related to the monthly level for the characteristic than to the size of the specific month-to-month change itself. Thus, in order to use the generalized standard errors for month-to-month change as given in the tables of standard errors, it is necessary to obtain the monthly estimate for the characteristic. It should be noted that the tables of standard errors for month-to-month change apply only to estimates of change between two consecutive months. Estimates of change for nonconsecutive months are subject to higher standard errors. Table J contains factors for use with tables D,F,H,and I to compute approximate standard errors, as described below, for levels, labor force participation rates, and percentages as pertaining to year-to-year change of monthly estimates, quarterly averages, changes in quarterly averages, yearly averages and changes in yearly averages. Note that standard errors for changes in quarterly and yearly estimates apply only to consecutive quarters and years. For years prior to 1967, the standard errors must be adjusted due to the differences in the sample size. For years prior to 1956, the standard errors should be multiplied by 1.50 and for the 1956-66 period they should by multiplied by 1.22. Table K provides generalized standard errors for quarterly estimates of persons and families for use with the CPS earnings data.

Standard errors for estimated totals. Tables D and E provide generalized standard errors for monthly totals and for month-to-month change. The figures given in these tables are to used for the characteristics as indicated.

Illustration. Assume that in a given month the number of persons working a specific number of hours was 12,000,000, an increase of 400,000 over the previous month. Linear interpolation in the second column of table D shows that the standard error on an estimate of 12,000,000 is about 150,000. The 68 percent confidence interval as shown by these data is from 11,850,000 to 12,150,000. Therefore, a conclusion that the average estimate derived from all possible samples lies within a range computed in this way would be correct for roughly 68 percent of all possible samples. Recall that the standard error of a month-to-month change is primarily dependent on the size of the monthly estimate. Thus, using linear interpolation in the first column of table E the standard error on a month-to-month change of 400,000 when the monthly level is approximately 12,000,000 is about 111,000.

Standard errors for rates and percentages. The reliability of an estimated unemployment rate or an estimated percentage, computed using sample data for both numerator and denominator, depends on both the size of the rate or percentage and the total upon which the rate or percentage is based. Estimated rates and percentages are relatively more reliable than the corresponding estimates of the numerator of the rates or percentages; this is particularly true for percentages of 50 percent or more. As a general rule, percentages are not published when the monthly base is less than 75,000, the quarterly average base is less than 60,000, or the annual average base is less than 35,000.

Tables F and G show generalized standard errors for monthly level and month-to-month change for unemployment rates.

Generalized standard errors for estimated monthly percentages and estimated month-to-month change in percentages can be obtained through the use of the standard errors in table H and the factors in table I. First obtain the standard error from table H for the specific percentage and base. The generalized standard error is then calculated

Table B. Standard errors for major employment status categories

(In thousands)

Employment status, sex, age, and race	Standard error of-	
	Monthly level	Month-to-month change (consecutive months only)
Total, 16 years and over		
Civilian labor force	208	161
Employed	229	175
Unemployed	122	123
Males, 20 years and over		
Civilian labor force	113	95
Employed	131	114
Unemployed	84	85
Females, 20 years and over		
Civilian labor force	167	124
Employed	168	126
Unemployed	71	74
Both sexes, 16-19 years		
Civilian labor force	80	85
Employed	85	94
Unemployed	58	72
Black and other, 16 years and over		
Civilian labor force	73	58
Employed	84	63
Unemployed	59	62
Males, 20 years and over		
Civilian labor force	40	34
Employed	49	43
Unemployed	40	42
Females, 20 years and over		
Civilian labor force	62	46
Employed	62	48
Unemployed	36	40
Both sexes, 16-19 years		
Civilian labor force	33	37
Employed	31	36
Unemployed	28	30

by multiplying the standard error from table H by the appropriate factor from table I. When the numerator and denominator of the percentage are in different categories, use the factor indicated by the numerator of the percentage.

Illustration. For example, assume that in a given month 3.6 percent of a total of 90,771,000 employed persons are employed in agriculture. First the standard error on an estimate of 3.6 percent with a base of 90,771,000 is obtained from table H (0.09 percentage point). The appropriate factor from table I for the numerator of the percentage, agricultural employment, is 1.26. The generalized standard error on the estimated 3.6 percent is then approximately 0.09 x 1.26 = 0.1 percentage point.

Standard errors for year-to-year change of monthly estimates, quarterly averages, changes in quarterly averages, yearly averages and changes in yearly averages. The approximate standard errors of levels, rates and percentages involving year-to-year change of monthly estimates, quarterly averages, changes in quarterly averages, yearly averages and changes in yearly averages may be obtained by using table J in conjunction with the other tables. Standard errors for estimates of change are more closely related to the level of the estimate than to the size of the specific change. Thus, to obtain the standard error of an estimate of an average level, rate, or percentage, or an estimate of a change in level, rate, or percentage, it is first necessary to find the appropriate estimate of level. For an estimate of an average level, rate or percentage, find the standard error of this estimate. For an estimate of change in level, rate or percentage, find the standard error of the average of the two estimates affecting the change. Then, after computing the standard error by treating these estimates as monthly estimates and using the procedures above, multiply this result by a suitable factor from table J to obtain the approximate standard error for the average or change.

Illustration. For example, suppose that one is interested in the year-to-year change of a monthly unemployment rate. Let us assume that for a certain month the unemployment rate is 6.9 percent based on a total of 95,676,000 in the civilian labor force, and that a year prior to this the unemployment rate was 6.1 percent based on a total of 94,254,000 in the civilian labor force for the month. First, the standard error on the average of the two estimates, 6.5 percent with a base of 94,965,000, is obtained from table H (0.11 percentage point). The appropriate factor then from table J is 1.40. The approximate standard error on the change of 0.8 percent is then given by $0.11 \times 1.40 = 0.15$ percentage point.

The approximate standard error of levels involving year-to-year change of quarterly estimates pertaining to CPS earnings data for persons and families may be obtained by using table K in conjunction with the following formula:

$$\text{Standard error of year-to-year change} = \sqrt{\left(\begin{matrix}\text{Standard}\\ \text{error}\end{matrix}\right)_X^2 + \left(\begin{matrix}\text{Standard}\\ \text{error}\end{matrix}\right)_Y^2 - 2(P)\left(\begin{matrix}\text{Standard}\\ \text{error}\end{matrix}\right)_X\left(\begin{matrix}\text{Standard}\\ \text{error}\end{matrix}\right)_Y}$$

where X is the estimate for one quarter and Y is the estimate for another quarter. The coefficient, P, is a measure of the correlation between the estimates X and Y resulting from the presence of some of the same respondents in the sample for each estimate. For consecutive year-to-year changes of quarterly estimates, the values of P are .30 for persons (total, white, and black) and .35 for families (total, white, and black). The respective values for estimates of Hispanics are .45 and .55.

Illustration.

Assume that in a given quarter the number of women employed as full-time wage and salary workers was 27,000,000 and in the same quarter a year later their number had increased to 29,000,000. Using linear interpolation in the eighth column of table K, the standard error of an estimate of 27,000,000 is 216,000; for 29,000,000 it is 221,000. Using the above formula, the standard error of the 2,000,000 year-to-year change is

$$\sqrt{(216{,}000)^2 + (221{,}000)^2 - 2(.30)(216{,}000)(221{,}000)},$$

or about 259,000.

Table C. Standard errors for unemployment rates by major characteristics

Selected categories	Standard error of—	
	Monthly level	Consecutive month change
Total (all civilian workers)	0.12	0.12
Males, 20 years and over	.15	.15
Females, 20 years and over	.17	.18
Both sexes, 16-19 years	.57	.67
White workers	.12	.12
Black (and other) workers	.46	.49
Married men, spouse present	.15	.16
Married women, spouse present	.21	.23
Full-time workers	.12	.13
Part-time workers	.32	.40
Unemployed 15 weeks and over	.06	.07
OCCUPATION		
White-collar workers	.12	.13
Professional and technical	.18	.20
Managers and administrators, except farm	.20	.23
Sales workers	.36	.41
Clerical workers	.23	.25
Blue-collar workers	.24	.26
Blue-collar workers—Continued		
Craft and kindred workers	.33	.37
Operatives, except transport	.44	.50
Transport equipment operatives	.70	.77
Nonfarm laborers	.71	.81
Service workers	.32	.36
Farm workers	.54	.62
INDUSTRY		
Nonagricultural private wage and salary workers	.13	.13
Construction	.59	.70
Manufacturing	.27	.30
Durable goods	.37	.41
Nondurable goods	.39	.45
Transportation and public utilities	.38	.42
Wholesale and retail trade	.26	.29
Finance and service industries	.17	.19
Government workers	.20	.23
Agricultural wage and salary workers	1.07	1.26

Table D. Standard errors for estimates of monthly level

(In thousands)

Estimated monthly level	Characteristic[1]								
	Agricultural employment	Labor force data other than unemployment and agricultural employment data						Unemployment	
		Total or white	Black and other	Total or white, 16-19 years	Black and other, 16-19 years	Total or white males only, or females only	Black and other males only, or females only	Total or white	Black and other
50	13	10	10	10	10	9	9	10	11
100	18	14	14	14	14	13	13	14	15
500	41	32	32	32	28	30	29	31	33
1,000	57	45	44	44	33	42	40	44	46
2,000	81	64	60	60	13	59	52	62	63
4,000	113	90	79	77	–	82	60	87	83
6,000	137	109	88	84	–	99	53	106	93
8,000	–	125	90	84	–	113	16	122	–
10,000	–	139	87	76	–	124	–	135	–
15,000	–	166	36	–	–	146	–	163	–
20,000	–	188	–	–	–	161	–	182	–
30,000	–	219	–	–	–	177	–	–	–
40,000	–	249	–	–	–	178	–	–	–
50,000	–	253	–	–	–	164	–	–	–
60,000	–	260	–	–	–	131	–	–	–
70,000	–	260	–	–	–	49	–	–	–
80,000	–	254	–	–	–	–	–	–	–
100,000	–	221	–	–	–	–	–	–	–
120,000	–	143	–	–	–	–	–	–	–

[1] When determining the standard error of an estimate for a group which is a subset of the age, sex, or race groups listed, use the standard error for the next larger group, e.g., when determining the standard error on the estimated number of employed persons age 20 to 54 years, use the column for total employed.

Table E. Standard errors for estimates of month-to-month change

(In thousands)

Estimated monthly level	Characteristic[1]							
	Labor force data other than unemployment and agricultural employment data				Unemployment			
	Total or white	Black and other	Total or white, 16-19 years	Black and other, 16-19 years	Total or white	Both sexes 16-19 years, or part-time labor force[2]	Black and other	Black and other, 16-19 years
50	8	8	12	12	11	12	12	12
100	11	11	17	17	16	17	16	17
500	24	23	37	33	35	39	36	34
1,000	34	33	52	37	48	55	49	39
2,000	47	45	70	–	68	77	65	–
4,000	66	58	89	–	93	107	80	–
6,000	81	65	96	–	110	129	–	–
8,000	93	68	93	–	123	147	–	–
10,000	103	65	78	–	132	162	–	–
15,000	123	33	–	–	145	191	–	–
20,000	130	–	–	–	146	211	–	–
30,000	163	–	–	–	–	–	–	–
40,000	179	–	–	–	–	–	–	–
50,000	189	–	–	–	–	–	–	–
60,000	194	–	–	–	–	–	–	–
70,000	195	–	–	–	–	–	–	–
80,000	191	–	–	–	–	–	–	–
100,000	179	–	–	–	–	–	–	–
120,000	119	–	–	–	–	–	–	–

[1] See footnote 1, table D.

[2] Part-time labor force for unemployment also includes persons reentering the labor force, persons who left their last job, and persons by duration of unemployment.

Table F. Standard errors for unemployment rates

Monthly base of unemployment rate (in thousands)	Monthly unemployment rate (percent)									
	1	2	5	10	15	20	25	30	35	50
50	2.05	2.88	4.49	6.18	7.36	8.25	8.93	9.46	9.85	10.36
100	1.45	2.04	3.18	4.37	5.20	5.83	6.32	6.69	6.97	7.33
500	.65	.91	1.42	1.96	2.33	2.61	2.82	2.99	3.12	3.28
1,000	.46	.65	1.01	1.38	1.65	1.84	2.00	2.12	2.21	2.32
2,000	.32	.46	.71	.98	1.17	1.31	1.42	1.50	1.56	1.64
4,000	.23	.32	.50	.69	.83	.92	1.00	1.06	1.10	1.16
6,000	.19	.26	.41	.57	.67	.75	.82	.86	.90	.94
10,000	.15	.21	.32	.44	.52	.59	.63	.67	.70	.73
20,000	.11	.15	.23	.31	.37	.41	.45	.47	.49	.51
60,000	.06	.08	.12	.17	.20	.23	.25	.26	.27	.28
100,000	.04	.06	.10	.13	16	.18	.19	.20	.21	.22

Table G. Standard errors for month-to-month change in unemployment rates

Monthly base of unemployment rate (in thousands)	Monthly unemployment rate (percent)									
	1	2	5	10	15	20	25	30	35	50
50	2.32	3.28	5.12	7.10	8.52	9.64	10.05	11.39	11.97	12.55
100	1.64	2.32	3.62	5.02	6.02	6.81	7.11	8.05	8.39	8.87
500	.74	1.04	1.62	2.25	2.69	3.04	3.17	3.58	3.73	3.93
1,000	.52	.73	1.15	1.59	1.90	2.15	2.24	2.52	2.62	2.74
2,000	.37	.52	.81	1.12	1.34	1.51	1.57	1.76	1.83	1.89
4,000	.26	.37	.57	.79	.94	1.06	1.10	1.22	1.26	1.26
6,000	.21	.30	.47	.64	.76	.86	.89	.97	1.00	–
10,000	.16	.13	.36	.49	.59	.65	.67	.72	–	–
20,000	.11	.15	.24	.33	.39	.44	.48	.51	–	–
60,000	.06	.09	.13	.18	.21	.22	.23	–	–	–
100,000	.05	.07	.10	.13	.14	.14	–	–	–	–

Table H. Standard errors for estimated percentages and month-to-month change in percentages for labor force data

Monthly base of percentages (in thousands)	Percentage of monthly level									
	1 or 99	2 or 98	5 or 95	10 or 90	15 or 85	20 or 80	25 or 75	30 or 70	35 or 65	50
50	2.03	2.85	4.44	6.12	7.28	8.15	8.83	9.34	9.72	10.19
100	1.43	2.02	3.14	4.32	5.15	5.77	6.24	6.61	6.88	7.21
500	.64	.90	1.41	1.93	2.30	2.58	2.79	2.95	3.07	3.22
1,000	.45	.64	.99	1.37	1.63	1.82	1.97	2.09	2.17	2.28
2,000	.32	.45	.70	.97	1.15	1.29	1.40	1.48	1.54	1.61
4,000	.23	.32	.50	.68	.81	.91	.99	1.04	1.09	1.14
6,000	.19	.26	.41	.56	.66	.74	.81	.85	.89	.93
10,000	.14	.20	.31	.43	.51	.58	.62	.66	.69	.73
20,000	.10	.14	.22	.31	.36	.41	.44	.47	.49	.51
40,000	.07	.10	.16	.22	.26	.29	.31	.33	.34	.36
60,000	.06	.08	.13	.18	.21	.24	.25	.27	.28	.29
80,000	.05	.07	.11	.15	.18	.20	.22	.23	.24	.25
100,000	.05	.06	.10	.14	.16	.18	.20	.21	.22	.23
160,000	.04	.05	.08	.11	.13	.14	.16	.17	.17	.18

NOTE: The standard errors in this table must be multiplied by the factors in table I to obtain the approximate standard error for a specific characteristic.

Table I. Factors to be used with Table H to compute approximate standard errors for percentages and month-to-month change in percentages

Characteristic	Factor		Characteristic	Factor	
	Monthly level	Month-to-month change		Monthly level	Month-to-month change
Agricultural employment:			Unemployment:		
Total or full-time labor force	1.26	1.05	Part-time labor force, duration of unemployment, left last job, reentering labor force	1.01	1.21
Part-time labor force	1.26	1.50			
Labor force data other than agricultural employment data and unemployment data:			All other unemployment characteristics:		
Total	1.00	.74	Total or white:		
Males only	.93	.84	Total	.97	1.08
Females only	.86	.75	Both sexes, 16-19 years	.97	1.21
Both sexes, 16-19 years	1.00	1.18	Black and other:		
Part-time labor force	1.00	1.18	Total	1.04	1.13
			Both sexes, 16-19 years	1.04	1.24

Table J. Factors to be used with Tables, D, F, H, and I to compute the approximate standard errors for levels, rates, and percentages for year-to-year change of monthly estimates, quarterly averages, change in quarterly averages, yearly averages and change in yearly averages

Characteristic	Factors				
	Year-to-year change of monthly estimate	Quarterly averages	Change in quarterly averages	Yearly averages	Change in yearly averages
Agricultural employment:					
Total or males	1.30	0.89	0.80	0.72	0.70
Females or teenagers (16-19 years)	1.30	83	80	58	70
Part time	1.40	74	80	46	70
Labor force data other than agricultural employment data and unemployment data:					
Total or white	1.30	88	88	67	70
Black and other or teenagers (16-19 years)	1.30	82	88	57	70
Part time	1.40	74	88	46	60
Unemployment:					
Total	1.40	76	88	50	65
Part time	1.40	69	88	39	54

Table K. Standard errors for estimates of quarterly level

(In thousands)

Estimated quarterly level	Characteristic								
	Total			Males				Females	
	Part-time workers	Total or full-time workers		Part-time workers	Total or full-time workers			Total, full-time, or part-time workers	
		Total or white	Black		Total	White	Black	Total or white	Black
10	5	5	5	5	5	5	5	5	5
50	11	12	12	11	12	12	12	11	11
75	13	15	15	13	15	15	15	13	13
100	15	17	17	15	17	17	17	15	15
150	19	21	21	19	21	21	21	19	19
200	22	24	24	22	24	24	24	22	21
250	24	27	27	24	27	27	27	24	24
300	26	30	30	26	30	30	29	26	26
500	34	38	38	34	38	38	37	34	33
750	42	47	46	42	47	47	45	42	41
1,000	48	54	53	48	54	54	50	48	46
1,500	59	66	63	59	66	66	59	59	56
2,000	68	76	72	68	76	76	65	68	63
2,500	76	85	79	75	84	84	69	75	69
3,000	83	93	85	82	92	92	71	82	74
5,000	107	119	100	105	117	116	64	105	85
7,500	130	145	107	127	140	138	–	127	–
10,000	149	165	102	144	157	155	–	145	–
15,000	180	198	–	187	183	179	–	173	–
20,000	205	224	–	192	199	193	–	195	–
25,000	226	244	–	207	209	199	–	211	–
30,000	224	261	–	219	212	198	–	224	–
40,000	273	286	–	236	201	174	–	242	–
50,000	296	301	–	–	–	–	–	–	–
75,000	331	304	–	–	–	–	–	–	–
100,000	343	255	–	–	–	–	–	–	–

Establishment Data
(B and C tables)

COLLECTION

Payroll reports provide current information on wage and salary employment, hours, and earnings in nonagricultural establishments, by industry and geographic location.

Federal-State cooperation

Under cooperative arrangements, responding establishments report employment, hours, and earnings data to State agencies. State agencies mail the forms to the establishments and examine the returns for consistency, accuracy, and completeness. The States use the reported data to prepare State and area series and also send the reported data to the BLS (Washington Office) for use in preparing the national series. This avoids a duplicate reporting burden on establishments, and together with the use of similar estimating techniques at the national and State levels, promotes increased comparability between estimates.

Shuttle schedules

Form BLS 790—Report on Employment, Payroll, and Hours is the name of the data collection schedule. The collection agency returns the schedule to the respondent each month so that the next month's data can be entered on the space alotted for that month. This "shuttle" procedure assures maximum comparability and accuracy of reporting, since the respondent can see the figures that have been reported for previous months.

Form BLS 790 provides for entry of data on the total number of full- and part-time workers on the payrolls of nonagricultural establishments and, for most industries, employment, payroll, and hours of production and related workers or nonsupervisory workers for pay period which includes the 12th of the month.

CONCEPTS

Industrial classification

Establishments reporting on Form BLS 790 are classified into industries on the basis of their principal product or activity determined from information on annual sales volume. Since January 1980, this information is collected on a supplement to the quarterly unemployment insurance tax reports filed by employers. For an establishment making more than one product or engaging in more than one activity, the entire employment of the establishment is included under the industry indicated by the principal product or activity.

All data on employment, hours, and earnings for the Nation and for States and areas are classified in accordance with the 1972 *Standard Industrial Classification Manual* (SICM), Office of Management and Budget. The BLS tabulates and estimates statistics which distinguish between private and public establishments, thus maintaining continuity with previously published statistics for the private and government sector.

Industry employment

Employment data, except those for the Federal Government, refer to persons on establishment payrolls who received pay for any part of the pay period which includes the 12th of the month. For Federal Government establishments, employment figures represent the number of persons who occupied positions on the last day of the calendar month. Intermittent workers are counted if they performed any service during the month.

The data exclude proprietors, the self-employed, unpaid volunteer or family workers, farm workers, and domestic workers in households. Salaried officers of corporations are included. Government employment covers only civilian employees; military personnel are excluded. Employees of the Central Intelligence and National Security Agencies are also excluded.

Persons on establishment payrolls who are on paid sick leave (when pay is received directly from the firm), on paid holiday, on paid vacation, or who work during a part of the pay period even though they are unemployed or on strike during the rest of the period are counted as employed. Not counted as employed are persons who are on layoff, on leave without pay, on strike for the entire period, or who were hired but have not yet reported during the period.

Industry hours and earnings

Average hours and earnings data are derived from reports of payrolls and hours for production and related workers in manufacturing and mining, construction workers in construction, and nonsupervisory employees in private service-producing industries.

Production and related workers include working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, trucking, hauling, maintenance, repair, janitorial, guard services, product development, auxiliary production for plant's own use (e.g., power plant), recordkeeping, and other services closely associated with the above production operation.

Construction workers include the following employees in the construction division: Working supervisors, qualified craft workers, mechanics, apprentices, helpers, laborers, etc., engaged in new work, alterations, demolition, repair, maintenance, etc., whether working at the site of contruction or working in shops or yards at jobs (such as precutting and preassembling) ordinarily performed by members of the construction trades.

Nonsupervisory employees include employees (not above the working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, physicians, lawyers, accountants, nurses, social workers, research aides, teachers, drafters, photographers, beauticians, musicians, restaurant workers, custodial workers, attendants, line installers and repairers, laborers, janitors, guards, and other employees at similar occupational levels whose services are closely associated with those of the employees listed.

Payroll covers the payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of the pay period which includes the 12th of the month. The payroll is reported before deductions of any kind, e.g., for old-age and unemployment insurance, group insurance, withholding tax, bonds, or union dues; also included is pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period); other pay not earned in the pay period reported (e.g., retroactive pay); tips; and the value of free rent, fuel, meals, or other payment in kind are excluded. "Fringe benefits" (such as health and other types of insurance, contributions to retirement, etc., paid by the employer) are also excluded.

Hours cover the hours paid for during the pay period which includes the 12th of the month for production, construction, or nonsupervisory workers. Included are hours paid for holidays, vacations, and for sick leave when pay is received directly from the firm.

Overtime hours covers hours worked by production or related workers for which overtime premiums were paid because the hours were in excess of the number of hours of either the straight-time workday or the workweek during the pay period which includes the 12th of the month. Weekend and holiday hours are included only if overtime premiums were paid. Hours for which only shift differential, hazard, incentive, or other similar types of premiums were paid are excluded.

Gross average hourly and weekly earnings. Average hourly earnings are on a "gross" basis. They reflect not only changes in basic hourly and incentive wage rates but also such variable factors as premium pay for overtime and late-shift work and changes in output of workers

paid on an incentive plan. They also reflect shifts in the number of employees between relatively high-paid and low-paid work and changes in workers' earnings in individual establishments. Averages for groups and divisions further reflect changes in average hourly earnings for individual industries.

Averages of hourly earnings differ from wage rates. Earnings are the actual return to the worker for a stated period of time; rates are the amount stipulated for a given unit of work or time. The earnings series do not measure the level of total labor costs on the part of the employer since the following are excluded: Irregular bonuses, retroactive items, payments of various welfare benefits, payroll taxes paid by employers, and earnings for those employees not covered under the production worker, construction worker, or nonsupervisory employee definitions.

Gross average weekly earnings estimates are derived by multiplying average weekly hours estimates by average hourly earnings estimates. Therefore, weekly earnings are affected not only by changes in gross average hourly earnings but also by changes in the length of the workweek. Monthly variations in such factors as proportion of part-time workers, stoppages for varying reasons, labor turnover during the survey period, and absenteeism for which employees are not paid may cause the average workweek to fluctuate.

Long-term trends of gross average weekly earnings can be affected by structual changes in the makeup of the work force. For example, persistent long-term increases in the proportion of part-time workers in retail trade and many of the services industries have reduced average workweeks in these industries and have affected the average weekly earnings series.

Average weekly hours. The workweek information relates to the average hours for which pay was received and is different from standard or scheduled hours. Such factors as unpaid absenteeism, labor turnover, part-time work, and stoppages cause average weekly hours to be lower than scheduled hours of work for an establishment. Group averages further reflect changes in the workweek of component industries.

Average overtime hours. The overtime hours represent that portion of the gross average weekly hours which exceeded regular hours and for which overtime premiums were paid. If an employee were to work on a paid holiday at regular rates, receiving as total compensation his or her holiday pay plus straight-time pay for hours worked that day, no overtime hours would be reported.

Since overtime hours are premium hours by definition, gross weekly hours and overtime hours do not necessarily move in the same direction from month to month; for example, overtime premiums may be paid for hours in excess of the straight-time workday although less than a full week is worked. Diverse trends at the industry-group level also may be caused by a marked change in hours for a component industry where little or no overtime was worked in both the previous and current months. In addition, such factors as stoppages, absenteeism, and labor turnover may not have the same influence on overtime hours as on gross hours.

Railroads hours and earnings. The figures for Class I railroads (excluding switching and terminal companies) are based on monthly data summarized in the M-300 report of the Interstate Commerce Commission and relate to all employees except executives, officials, and staff assistants (ICC group I) who received pay during the month. Gross average hourly earnings are computed by dividing total compensation by total hours paid for. Average weekly hours are obtained by dividing the total number of hours paid for, reduced to a weekly basis, by the number of employees, as defined above. Gross average weekly earnings are derived by multiplying average weekly hours by average hourly earnings.

"Real" earnings, or earnings in constant dollars, are calculated from the earnings averages for the current month using a deflator derived from the Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W).

Average hourly earnings excluding overtime. Average hourly earnings excluding overtime premium pay are computed by dividing the total production-worker payroll for the industry group by the sum of total production-worker hours and one-half of total overtime hours. Prior to January 1956, these data were based on the application of adjustment factors to gross average hourly earnings (as described in the *Monthly Labor Review*, May 1950, pp. 537-40). Both methods eliminate only the earnings due to overtime paid for at 1½ times the straight-time rates. No adjustment is made for other premium payment provisions, such as holiday work, late-shift work, and overtime rates other than time and one-half.

Indexes of aggregate weekly payrolls and hours. The indexes of aggregate weekly payrolls and hours are prepared by dividing the current month's aggregate by the average of the 12 monthly figures for 1977. For basic industries, the hour aggregates are the product of average weekly hours and production-worker or nonsupervisory-worker employment, and the payroll aggregates are the product of hour aggregates and average hourly earnings. At all higher levels of industry aggregation, hour and payroll aggregates are the sum of the component aggregates.

Indexes of diffusion of changes in number of employees on nonagricultural payrolls. These indexes measure the percent of industries which posted increases in employment over the specified time span. The indexes are calculated from 186 unpublished seasonally adjusted employment series (two-digit nonmanufacturing industries and three-digit manufacturing industries) covering all nonagricultural payroll employment in the private sector. A more detailed discussion of these indexes appears in "Introduction of Diffusion Indexes," in the December 1974 issue of *Employment and Earnings*.

ESTIMATING METHODS

The principal features of the procedure used to estimate employment for the establishment statistics are (1) the use of the "link relative" technique, which is a form of ratio estimation; (2) periodic adjustment of employment levels to new benchmarks; and (3) the use of size and regional stratification.

The "link relative" technique

From a sample composed of establishments reporting for both the previous and current months, the ratio of current month employment to that of the previous month is computed. This is called a "link relative." The estimates of employment (all employees, including production and nonproduction workers together) for the current month are obtained by multiplying the estimates for the previous month by these "link relatives." In addition, small bias correction factors are applied to selected employment estimates each month. The size of the bias correction factors is determined from past experience. Other features of the general procedures are described in table L.

Size and regional stratification

A number of industries are stratified by size of establishment and/or by region, and the stratified production or nonsupervisory worker data are used to weight the hours and earnings into broader industry groupings. Accordingly, the basic estimating cell for an employment, hours, or earnings series, as the term is used in the summary of computational methods in table L, may be a whole industry or a size stratum, a region stratum, or a size stratum of a region within an industry.

Benchmark adjustments

Employment estimates are compared periodically with comprehensive counts of employment which provide "benchmarks" for the

Table L. Summary of methods for computing industry statistics on employment, hours, and earnings

Item	Basic estimating cell (industry, region, size, or region/size cell)	Aggregate industry levels (divisions, groups and, where stratified, individual cells)
	Monthly data	
All employees	All-employee estimate for previous month multiplied by ratio of all employees in current month to all employees in previous month, for sample establishments which reported for both months.[1]	Sum of all-employee estimates for component cells.
Production or nonsupervisory workers, women employees	All-employee estimate for current month multiplied by (1) ratio of production or nonsupervisory workers to all employees in sample establishments for current month, (2) estimated ratio of women to all employees.[1]	Sum of production- or nonsupervisory-worker estimates, or estimates of women employees, for component cells.
Gross average weekly hours	Production- or nonsupervisory-worker hours divided by number of production or nonsupervisory workers.[2]	Average, weighted by production- or nonsupervisory-worker employment, of the average weekly hours for component cells.
Average weekly overtime hours	Production-worker overtime hours divided by number of production workers.[2]	Average, weighted by production-worker employment, of the average weekly overtime hours for component cells.
Gross average hourly earnings	Total production- or nonsupervisory-worker payroll divided by total production- or nonsupervisory-worker hours.[2]	Average, weighted by aggregate hours, of the average hourly earnings for component cells.
Gross average weekly earnings	Product of gross average weekly hours and average hourly earnings.	Product of gross average weekly hours and average hourly earnings.
	Annual average data	
All employees, women employees, and production or nonsupervisory workers	Sum of monthly estimates divided by 12.	Sum of monthly estimates divided by 12.
Gross average weekly hours	Annual total of aggregate hours (production- or nonsupervisory-worker employment multiplied by average weekly hours) divided by annual sum of employment.	Annual total of aggregate hours for production or nonsupervisory workers divided by annual sum of employment for these workers.
Average weekly overtime hours	Annual total of aggregate overtime hours (production-worker employment multiplied by average weekly overtime hours) divided by annual sum of employment.	Annual total of aggregate overtime hours for production workers divided by annual sum of employment for these workers.
Gross average hourly earnings	Annual total of aggregate payrolls (product of production- or nonsupervisory-worker employment by weekly hours and hourly earnings) divided by annual aggregate hours.	Annual total by aggregate payrolls divided by annual aggregate hours.
Gross average weekly earnings	Product of gross average weekly hours and average hourly earnings.	Product of gross average weekly hours and average hourly earnings.

[1] The estimates result from multiplying the product shown by bias adjustment factors to compensate for the underrepresentation of newly formed enterprises in the sample and other bias sources.

[2] The sample production-worker ratio, women-worker ratio, average weekly hours, average overtime hours, and average hourly earnings are modified by a wedging technique designed to compensate for changes in the sample arising mainly from the voluntary character of the reporting. The wedging procedure accepts the advantage of continuity from the use of the matched sample, and at the same time, tapers or wedges the estimate toward the level of the latest sample average.

various nonagricultural industries, and appropriate adjustments are made as indicated. The industry estimates are currently projected from March 1981 levels. Normally, benchmark adjustments are made annually.

The primary sources of benchmark information are employment data, by industry, compiled quarterly by States agencies from reports of establishments covered under State unemployment insurance laws. These tabulations cover about 98 percent of employees on nonagricultural payrolls in the United States. Benchmark data for the residual are obtained from the records of the Social Security Administration, the Interstate Commerce Commission, and a number of other agencies in private industry or government.

The estimates for the benchmark month are compared with new benchmark levels, industry by industry. If revisions are necessary, the monthly series of estimates between benchmark periods are adjusted between the new benchmark and the preceding one, and the new benchmark for each industry is then carried forward progressively to the current month by use of the sample trends. Thus, under this procedure, the benchmark is used to establish the level of employment; the sample is used to measure the month-to-month changes in the level. A comparison of the actual amounts of revisions made at the time of the March 1981 benchmark adjustment is shown in table M.

Data for all months since the last benchmark to which the series has been adjusted are subject to revision. Revised data are published as soon as possible after each benchmark revision.

THE SAMPLE

Design

The sampling plan used in the current employment statistics program is know as "sampling proportionate to average size of establishment." This design is an optimum allocation design among strata since the sampling variance is proportional to the average size of establishments. Under this type of design, large establishments fall into the sample with certainty. The size of the sample for the various industries is determined empirically on the basis of experience and of cost considerations. In a manufacturing industry in which a high proportion of total employment is concentrated in relatively few establishments, a large percent of total employment is included in the sample. Consequently, the sample design for such industries provides for a complete census of the large establishments with only a few chosen from among the smaller establishments or none at all if the concentration of employment is great enough. On the other hand, in an industry in which a large proportion of total employment is in small establishments, the sample design calls for inclusion of all large establishments and also for a substantial number of the small ones. Many industries in the trade and services divisions fall into this category. To keep the sample to a size which can be handled by available resources, it is necessary to design samples for these industries with a smaller proportion of universe employment than is the case for most manufacturing industries. Since individual establishments in these nonmanufacturing divisions generally show less fluctuation from regular cyclical or seasonal patterns than do establishments in manufacturing industries, these smaller samples (in terms of employment) generally produce reliable estimates.

In the context of the BLS employment statistics program, with its emphasis on producing timely data at minimum cost, a sample must be obtained which will provide coverage of a sufficiently large segment of the universe to provide reasonably reliable estimates that can be published promptly and regularly. The present sample meets these specifications for most industries. With its use, the BLS is able to produce preliminary estimates each month for many industries and for many geographic levels within a few weeks after the reference period, and, at a somewhat later date, statistics in considerably greater industrial detail.

Coverage

The BLS sample of establishment employment and payrolls is the largest monthly sampling operation in the field of social statistics. Table N shows the approximate proportion of total employment in each industry division covered by the group of establishments furnishing monthly employment data. The coverage for individual industries within the division may vary from the proportions shown.

Reliability of the employment estimates

Although the relatively large size of the BLS establishment sample assures a high degree of accuracy, the estimates derived from it may differ from the figures that would be obtained if it were possible to take a complete census using the same schedules and procedures. As discussed under the previous section, a "link relative" technique is used to estimate employment. This requires the use of the previous month's estimate as the base in computing the current month's estimate. Thus, small sampling and response errors may cumulate over several months. To remove this accumulated error, the estimates are usually adjusted annually to new benchmarks. In addition to taking account of sampling and response errors, the benchmark revision

Table M. Comparison of nonagricultural employment benchmarks and estimates for March 1981

Industry division	Benchmark, March 1981	Estimate, March 1981	Percent difference
Total	90,371,000	90,720,000	-0.4
Mining	1,107,000	1,084,000	2.1
Construction	3,934,000	4,048,000	-2.9
Manufacturing	20,085,000	20,016,000	.4
Transportation and public utilities	5,102,000	5,095,000	.1
Wholesale and retail trade	20,096,000	20,290,000	-1.0
Finance, insurance, and real estate	5,239,000	5,263,000	-.5
Services	18,340,000	18,287,000	.3
Government	16,468,000	16,493,000	-.2

Table N. Approximate size and coverage of BLS employment and payrolls sample, March 1981[1]

Industry division	Number of establishments in sample	Employees	
		Number reported	Percent of total
Total	177,500	35,740,500	40
Mining	2,400	387,000	35
Construction	17,300	677,000	17
Manufacturing	45,000	10,951,000	55
Transportation and public utilities:			
Railroad transportation (ICC)	37	459,500	92
Other transportation and public utilities	8,100	2,717,000	53
Wholesale and retail trade	43,900	3,398,000	17
Finance, insurance, and real estate	12,200	1,950,000	37
Services	28,700	3,787,000	21
Government:			
Federal[2]	4,900	2,769,000	100
State and local	15,000	8,645,000	63

[1] Since a few establishments do not report payroll and hours information, hours and earnings estimates may be based on a slightly smaller sample than employment estimates.

[2] National estimates of Federal employment by agency are provided to BLS by the Office of Personnel Management. Detailed industry estimates for the Executive Branch, as well as State and area estimates of Federal employment, are based on a sample of 4,900 reports covering about 60 percent of employment in Federal establishments.

adjusts the estimates for changes in the industrial classification of individual establishments (resulting from changes in their product which are not reflected in the levels of estimates until the data are adjusted to new benchmarks). In fact, at the more detailed industry levels, particularly within manufacturing, changes in classification are the major cause of benchmark adjustments. Another cause of differences arises from improvements in the quality of the benchmark data. Table O presents the average percent revisions of the six most recent benchmarks (excluding the March 1973 adjustment) for major industry divisions. Detailed descriptions of individual benchmark revisions are available from the Bureau upon request.

The hours and earnings estimates for basic estimating cells are not subject to benchmark revisions, although the broader groupings may be affected slightly by changes in employment weights. The hours and earnings estimates, however, are subject to sampling errors which may be expressed as relative errors of the estimates. (A relative error is a standard error expressed as a percent of the estimate.) Relative errors for major industries are presented in table O and for individual industries with the specified number of employees in table P. The chances are about 2 out of 3 that the hours and earnings estimates from the sample would differ by a smaller percentage than the relative error from the averages that would have been obtained from a complete census.

One measure of the reliability of the employment estimates for individual industries is the root-mean-square error (RMSE). The measure is the standard deviation adjusted for the bias in estimates:

$$\text{RMSE} = \sqrt{(\text{Standard Deviation})^2 + (\text{Bias})^2}$$

If the bias is small, the chances are about 2 out of 3 that an estimate from the sample would differ from its benchmark by less than the root-mean-square error. The chances are about 19 out of 20 that the difference would be less than twice the root-mean-square error.

Table O. Average benchmark revision in employment estimates and relative errors for average weekly hours and average hourly earnings by industry division

(In percent)

Industry division	Average benchmark revision in estimates of employment[1]	Relative errors[2]	
		Average weekly hours	Average hourly earnings
Total nonagricultural employment	0.3	–	–
Total private	.3	0.1	0.2
Mining	1.3	.5	.5
Construction	2.2	.2	.3
Manufacturing	.4	.1	.1
Durable goods	.4	.1	.1
Nondurable goods	.5	.1	.1
Transportation and public utilities	.4	.7	.4
Trade	.5	.1	.2
Wholesale	.7	.2	.3
Retail	.6	.2	.2
Finance, insurance, and real estate	.5	.2	.4
Services	.7	.4	.8
Government[3]	.5	–	–

[1] The average percent revision in employment for the following benchmarks: 1971, 1974, 1978, 1979, 1980 and 1981.

[2] Relative errors relate to March 1971 data.

[3] Estimates for government are based on a total count for Federal Government and, prior to the March 1979 revision, samples for State and local government benchmarked to a quinquennial census of government conducted by the Bureau of the Census.

Approximations of the root-mean-square errors (based on the most recent benchmark revisions) of differences between final estimates and benchmarks are presented in table P.

Table P. Root-mean-square errors of differences between benchmarks and estimates of employment and average relative errors for average weekly hours and average hourly earnings

Size of employment estimate	Root-mean-square error of employment estimates[1]	Relative errors[2] (in percent)	
		Average weekly hours	Average hourly earnings
50,000	2,100	0.9	1.5
100,000	4,400	.7	1.1
200,000	7,100	.5	.9
500,000	15,200	.4	.8
1,000,000	17,100	.3	.5
2,000,000	28,500	.3	.5

[1] Assuming 12-month intervals between benchmark revisions.

[2] Relative errors relate to March 1971 data.

For the two most recent months, estimates of employment, hours, and earnings are preliminary and are so footnoted in the tables. These figures are based on less than the total sample and are revised when all the reports in the sample have been received. Table Q presents root-mean-square errors of the amounts of revisions that may be expected between the preliminary and final levels of employment and preliminary and final month-to-month changes. Revisions of preliminary hours and earnings estimates are normally not greater than 0.1 of an hour for weekly hours and 1 cent for hourly earnings.

STATISTICS FOR STATES AND AREAS

State and area employment, hours, and earnings data are collected and prepared by State agencies in cooperation with BLS.

Table Q. Errors of preliminary employment estimates

Category	Root-mean-square error of—	
	Monthly level	Month-to-month change
INDUSTRY DIVISIONS		
Total nonagricultural employment	84,000	72,000
Mining	5,000	5,000
Construction	18,000	16,000
Manufacturing	31,000	28,000
Durable two-digit industries	3,700	3,500
Nondurable two-digit industries	2,500	2,500
Transportation and public utilities	13,000	14,000
Wholesale and retail trade	30,000	27,000
Finance, insurance, and real estate	8,000	7,000
Services	31,000	25,000
Government	50,000	38,000
DETAILED INDUSTRIES: SIZE OF EMPLOYMENT ESTIMATE		
50,000	300	400
100,000	700	700
200,000	1,100	1,100
500,000	3,900	4,100
1,000,000	3,800	3,900
2,000,000	6,000	6,100

NOTE: Division level data are based on differences from January 1976 through December 1981. Detailed industry data are based on differences from August 1978 through June 1979.

The area statistics relate to metropolitan areas. Definitions for all areas are published each year in the issue of *Employment and Earnings* that contains State and area annual averages (usually the May issue). Changes in definitions are noted as they occur. Additional industry detail may be obtained from the State agencies listed on the inside back cover of each issue. These statistics are based on the same establishment reports used by BLS for preparing national estimates. For employment, the sum of the State figures may differ slightly from the equivalent official U.S. totals on a national basis, because some States have more recent benchmarks than others and because of the effects of differing industrial and geographic stratification.

For the States and the areas shown in the B and C sections of this periodical, all the annual average data for the detailed industry statistics currently published by each cooperating State agency are presented in a summary volume published annually by the BLS.

PRODUCTIVITY DATA

Tables C-9, C-10, and C-11 are compiled by the Bureau of Labor Statistics from establishment data and from estimates of compensation and gross national product supplied by the U.S. Department of Commerce and the Federal Reserve Board.

Definitions

Hours of wage and salary workers in nonagricultural establishments refer to hours paid for all employees—production workers, nonsupervisory workers, and salaried workers.

Output is the constant-dollar market value of final goods and services produced in a given period. Indexes of *output per hour* of labor input, or labor productivity, measure changes in the volume of goods and services produced per unit of labor.

Compensation per hour includes wages and salaries of employees plus employers' contributions for social insurance and private benefit plans. The data also include an estimate of wages, salaries, and supplementary payments for the self-employed, except for nonfinancial corporations, in which there are no self-employed.

Real compensation per hour is compensation per hour adjusted to eliminate the effect of changes in the Consumer Price Index for All Urban Consumers (CPI-U).

Unit labor costs measure the labor compensation cost required to produce one unit of output and are derived by dviding compensation per hour by output per hour. *Unit nonlabor payments* include profits, depreciation, interest, and indirect taxes per unit of output. They are computed by subtracting compensation of all persons from the current-dollar gross national product and dividing by output. In these tables, unit nonlabor costs contain all the components of unit nonlabor payments except unit profits. *Unit profits* include corporate profits and inventory valuation adjustments per unit of output.

The *implicit price deflator* is derived by dividing the current-dollar estimate of gross product by the constant-dollar estimate, making the deflator, in effect, a price index for gross product of the sector reported.

Notes on the data

For the private business sector and the nonfarm business sector, these indexes relate to the gross domestic product less household and institutions, owner-occupied housing, and statistical discrepancy. For the nonfinancial corporate sector, the indexes refer to the gross domestic product of nonfinancial corporate business.

Manufacturing data have been revised to reflect the revisions in the Federal Reserve Board Index of Industrial Production. Output data are supplied by the Bureau of Economic Analysis, U.S. Department of Commerce, and the Federal Reserve Board. Quarterly measures have been adjusted by the Bureau of Labor Statistics to annual estimates of output (gross product originating) from the Bureau of Economic Analysis. Compensation and hours data are from the Bureau of Economic Analysis and the Bureau of Labor Statistics.

State and Area Unemployment Data
(D table)

FEDERAL-STATE COOPERATIVE PROGRAM

Labor force and unemployment estimates for States, labor market areas (LMA's), and other areas covered under Federal assistance programs are developed by State employment security agencies under a Federal-State cooperative program. The local unemployment estimates which are derived from standardized procedures developed by BLS are the basis of determining eligibility of an areas for benefits under Federal programs such as the Comprehensive Employment and Training Act, the Public Works Employment Act, and the Public Workers and Economic Development Act.

ESTIMATING METHODS

Labor force and unemployment in 10 large States: New York, California, Illinois, Ohio, New Jersey, Pennsylvania, Michigan, Texas, Massachusetts, and Florida; and two areas: Los Angeles-Long Beach metropolitan areas and New York City, are sufficiently reliable to be used directly from the CPS. For a description of the CPS concepts see "Household Data," above.

Monthly employment and unemployment estimates in the remaining 40 States and 214 labor market areas are prepared in several stages.

1. *Preliminary estimate—employment:* The total employment estimate is based primarily on data from the survey of establishments which produces an estimate of payroll employment. This place-of-work estimate must be adjusted to refer to place of residences as used in the CPS. Factors for adjusting from place of work to place of residence have been developed for the major categories of employment by class of worker and industry on the basis of employment relationships which existed at the time of the 1970 Decennial Census. These factors are applied to the payroll employment estimates for the current period to obtain adjusted employment estimates.

2. *Preliminary estimate—unemployment:* In the current month, the estimate of unemployment is an aggregate of the estimates for each of three building block categories: (1) Persons who were previously employed in industires covered by State unemployment insurance (UI) laws; (2) those previously employed in industires not covered by these laws; and (3) those who were entering the labor force for the first time or reentering after a period of separation. This is referred to below as the UI-based estimate.

An estimate for those previously employed in covered industries is derived from a count of current employment insurance claimants, plus estimates of claimants whose benefits have been exhausted, those persons disqualified from receiving benefits for nonmonetary reasons (because they quit, were discharged for cause, etc., but would otherwise have been eligible), and persons who either filed claims late or not at all.

The estimate of those previously employed in industries not covered by UI is derived by applying to the employment estimate for each noncovered industry or class of worker subgroup in the State, the ratio of covered unemployment to covered employment weighted by factors reflecting national historical relationships.

For the third category, new entrants and reentrants into the labor force, a composite estimate is developed from equations that relate the total entrants into the labor force to the experienced unemployed and

the experienced labor force. For each month, the estimate of entrants into the labor force is a function of: (a) the month of the year; (b) the level of experienced unemployed; (c) the level of the experienced labor force; and (d) proportion of the working age population that is considered "youth." The composite estimate of total entrants is defined as :

U = A (X + E) + BX, where
U = total entrant unemployment
E = total employment
X = total experienced unemployment
A,B = synthetic factors incoporating seasonal variation and an assumed relationship between the proportion of youths in the working population and the historical relationship of entrants to the experienced unemployed (B factor) or the experienced labor force (A factor).

3. *Correction factors for employment and unemployment* are then applied at the State level of the UI-based estimates obtained above for each of the 40 States and the District of Columbia. These correction factors are based on the ratio of the CPS to the UI-based estimates for the 6 month period ending in the current month (e.g. a 6-month moving average).

4. *Substate adjustment for additivity.* Independent estimates of employment and unemployment are prepared both for the State (obtained directly from the CPS in the 10 large States or by the UI-based method in the remaining States), and labor market areas (LMA's) withing the State. The total of the geographic areas in the LMA's exhausts the geographic boundries of the State. A proportional adjustment is applied to all substate LMA estimates to ensure that the substate estimates of employment and unemployment add to the independent State totals. In California and New York, which also have substate areas taken directly from the CPS, the additivity adjustment for the remaining areas is applied to the State total minus the direct CPS area.

5. *Benchmark correction procedures.* Once each year monthly estimates prepared by the State employment security agencies using UI-based estimating procedures are adjusted, or benchmarked, by BLS to the annual average CPS estimates for the 40 States for which monthly CPS estimates are not available. This adjustment is necessary because the State-prepared estimates are not as reliable as the CPS annual averages due to differences in State UI laws, the structual limitations of the UI-based estimating method, and errors in the UI data.

The benchmarked estimates are produced in three stages. First, the monthly UI-based estimates are adjusted by the ratio of the CPS to the UI-based annual averages. Second, the difference between the ratio of annual averages for two consecutive years is wedged into the monthly estimates in order to minimize the distrubance to the original series. Finally, the third-stage estimates are forced into agreement with CPS annual averages. In the 10 States which use CPS estimates monthly, no benchmark correction is required, as the average of the 12 monthly State CPS estimates will equal CPS annual averages.

Seasonal Adjustment

Over the course of a year, the size of the Nation's labor force, the levels of employment and unemployment, and other measures of labor market activity undergo sharp fluctuations due to such seasonal events as changes in weather, reduced or expanded production, harvests, major holidays, and the opening and closing of schools. Because these seasonal events follow a more or less regular pattern each year, their influence on statistical trends can be eliminated by adjusting these statistics from month to month. These adjustments make it easier to observe the cyclical and other nonseasonal movements in the series. In evaluating changes in a seasonally adjusted series, it is important to note that seasonal adjustment is merely an approximation based on past experience. Seasonally adjusted estimates have a broader margin of possible error than the original data on which they are based, since they are subject not only to sampling and other errors but are also affected by the uncertainties of the seasonal adjustment process itself. Seasonally adjusted series for selected labor force and establishment data are published regularly in *Employment and Earnings*.

The seasonal adjustment program used for these series are based on an *adaptation* of the standard ratio-to-moving average method. They provide for "moving" adjustment factors to take account of changing seasonal patterns. A detailed description of the method is given in the publication, *The X-11 Variant of the Census Method II Seasonal Adjustment Program*, Technical Paper No. 15, Bureau of the Census (1967).

Beginning in January 1980, the BLS introduced two major modifications in the seasonal adjustment methodology for data from the household survey. First, the data are being seasonally adjusted with a new procedure called X-11 ARIMA, which was developed at Statistics Canada as an extension of the existing standard X-11 method. A detailed description of the procedure appears in *The X-11 ARIMA Seasonal Adjustment Method*, by Estela Bee Dagum, Statistics Canada Catalouge No. 12-564-E, February 1980. The X-11 procedure was originally developed at the Bureau of the Census and had been used by the BLS to seasonally adjust labor force series since 1973. Tests have shown that use of the X-11 ARIMA procedure, which essentially place more emphasis on recent data, provides better seasonal adjustments than does the X-11 method alone.

The second change is that seasonal factors are now being calculated for use during the first 6 months of the year rather than for the entire year. In July of each year, the BLS will calculate and publish (in *Employment and Earnings)* a new set of seasonal factors for use in the second half, based on the experience through June. Revisions of historical data for the most recent 5 years will continued to be made once a year, at the beginning of each calendar year. However, as a result of the revisions to the estimates for 1970-81 based on 1980 census population counts, revisions to seasonally adjusted series in early 1982 were carried back to 1970.

All civilian labor force and unemployment rate statistics, as well as the major employment and unemployment estimates, are computed by aggregating independently adjusted series. For example, for each of the three major labor force components—agricultural employment, nonagricultural employment, and unemployment—data for four sex-age groups (males and females under and over 20 years of age) are separately adjusted for seasonal variation and are then added to derive seasonally adjusted total figures. In order to provide seasonally adjusted total employment and civilian labor force estimates, the appropriate series are aggregated. The official unemployment rate for all civilian workers is derived by dividing the estimate for total unemployment (the sum of 4 seasonally adjusted sex-age components) by the civilian labor force (the sum of 12 seasonally adjusted sex-age components).

Revised seasonally adjusted data for selected labor force series based on the experience through December 1981, new seasonal adjustment factors to be used to calculate the overall unemployment rate for the first 6 months of 1982, and a description of the current seasonal adjustment methodology are published in the February 1982 issue of *Employment and Earnings*. Revised seasonally adjusted data covering the 1970-81 revision period for a broader range of labor force series also appear in the February 1982 issue of this publication. Many additional series, which are either components or aggregates of the series presented, are available from the BLS upon request.

Beginning in July 1980, the BLS also uses the X-11 ARIMA methodology in seasonally adjusting the establishment data, which previously had been computed using the *BLS Seasonal Factor Method*. All series are seasonally adjusted using the multiplicative models under X-11 ARIMA. Seasonal adjustment factors used in calculating the current estimates are based on data through March of 1982. The ARIMA model options for projecting the data series for 1 year ahead have been used in seasonally adjusting the establishment series, introduced with June 1981 data.

Seasonal adjustment factors are directly applied to the component levels. Seasonally adjusted totals for most of these series are then obtained by taking a weighted average of the seasonally adjusted data for the component series. Seasonally adjusted average weekly earnings are the product of seasonally adjusted average hourly earnings and seasonally adjusted average weekly hours. Average weekly earnings in constant dollars, seasonally adjusted, are obtained by dividing average weekly earnings, seasonally adjusted, by the seasonally adjusted Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W), and multiplying by 100. Indexes of aggregate weekly hours, seasonally adjusted, are obtained by multiplying average weekly hours, seasonally adjusted, by production or nonsupervisory workers, seasonally adjusted, and dividing by the 1977 base. For total private, total goods-producing, total private service-producing, trade, manufacturing, and durable and nondurable goods industries, the indexes of aggregate weekly hours, seasonally adjusted, are obtained by summing the aggregate weekly hours, seasonally adjusted, for the appropriate component industries and dividing by the 1977 base.

Seasonally adjusted data are not published for a number of series characterized by small seasonal components relative to their trend-cycle and/or irregular components. Beginning with data for July 1981, these failed or unsatisfactory seasonally adjusted series are used in the aggregation to broader level seasonally adjusted series. In prior months, the unadjusted series were used in the aggregation process.

The seasonally adjusted establishment data for Federal Government are based on a series which excludes the Christmas temporary help employed by the Postal Service in December. The employment of these workers constitutes the only significant seasonal change in Federal Government employment during the winter months. Furthermore, the volume of such employment may change substantially from year to year because of administrative decisions by the Postal Service. Hence, it was considered desirable to exclude this group from the data upon which the seasonally adjusted series is based.

The revised seasonally adjusted series for the establishment data reflect experience through March 1982. Seasonal factors to be used for current adjustment appear in the June 1982 issue of *Employment and Earnings*.

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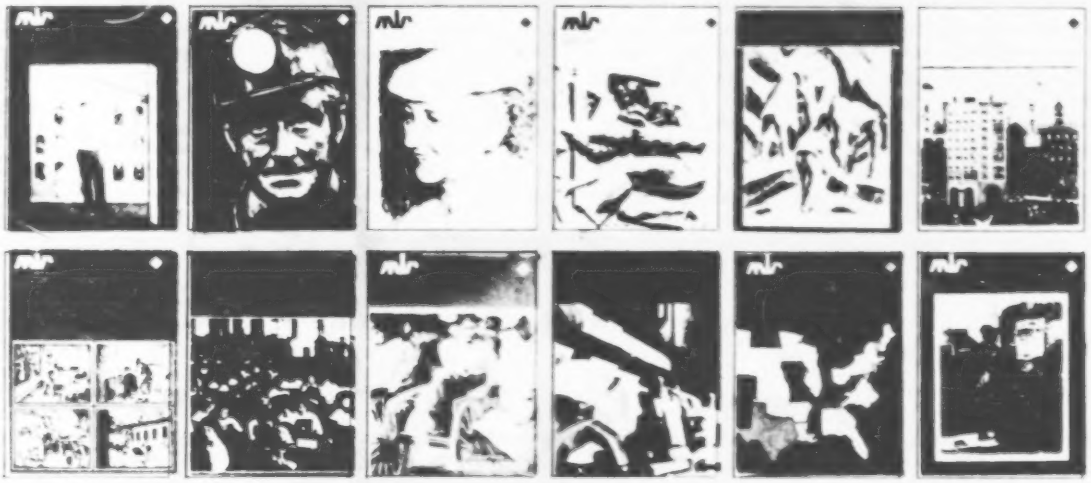

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Calendar of Features

In addition to the monthly data appearing regularly in *Employment and Earnings* special features appear in most of the issues as shown below:

Household data

Annual averages	Jan.
Revised seasonally adjusted series	Feb.
Quarterly averages: Seasonally adjusted data, persons not in labor force, persons of Hispanic origin, Vietnam-era veterans and nonveterans, poverty-nonpoverty area data, family relationship data, weekly earnings data	Jan., Apr., July, Oct.

Establishment data

National annual averages:	
Industry divisions (preliminary)	Jan.
Industry detail (final)	Mar.
Women employment detail (final)	Mar.
National data adjusted to new benchmarks	June
Revised historical national data adjusted to new benchmarks	Supplement[1]
Revised seasonally adjusted series	June[2]
State and area annual averages	May
Area definitions	May

State and area unemployment data

Annual averages	June

[1] The issue that introduces new benchmarks varies. The June 1982 issue introduced March 1981 benchmarks.

[2] Month of publication of annual supplement varies. The latest supplement was published in June 1982.

[3] Issue varies. Latest revised data introduced June 1982.

Employment and Earnings

Vol. 29 No. 8 August 1982

Editors: Gloria P. Green, Gloria P. Goings, Rosalie K. Epstein

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MONTHLY HOUSEHOLD DATA

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Employment and Unemployment Developments, July 1982

Unemployment increased in July, and employment remained near June levels, after seasonal adjustment. The Nation's jobless rate rose from 9.5 to 9.8 percent, a post-World War II record.

Total employment—as derived from the monthly survey of households—was about unchanged in July at 99.7 million. Nonfarm payroll employment—as derived from the monthly survey of establishments—also was little changed, but employment continued to decline in manufacturing. Since the July 1981 pre-recession peak, total and nonfarm payroll employment have declined by 1.1 and 1.6 million, respectively.

Unemployment

The number of unemployed persons rose by 360,000 in July to 10.8 million, seasonally adjusted. Since July 1981, the jobless total has increased by 2.9 million persons. At 9.8 percent, the overall unemployment rate was up 0.3 percentage point from June and 2.6 points over the year. (See table A-33).

Over-the-month increases were concentrated among adult women and teenagers, whose rates reached 8.4 and 24.1 percent, respectively. While the rate for adult men, 8.8 percent, was about unchanged over the month, it was above the rate for adult women for the third consecutive month. Among race-ethnic groups, the unemployment rate for white workers was up 0.3 point to 8.7 percent, while rates for blacks (18.5 percent) and Hispanics (13.9 percent) were about unchanged over the month. The rate for black teenagers remained at about 50 percent. (See tables A-33 and A-35.)

Increased joblessness among women and teenagers was also reflected in higher unemployment among new entrants and reentrants to the labor force. The number of workers on layoff was unchanged in July, while the number of other job losers declined. (See table A-39.)

Average duration of unemployment declined over the month, as the July increase in unemployment occurred among the short-term unemployed (those unemployed less than 5 weeks). The mean duration of unemployment declined almost one week to 15.6 weeks, while the median was down one and a half weeks to 8.3 weeks. (See table A-37.)

Total employment and the labor force

Total employment rose about in line with seasonal expectations in July and, at 99.7 million after seasonal adjustment, was about unchanged from the June level. Over the year, total employment was down by 1.1 million. The proportion of the population employed in July was 57.1 percent, about the same as in the previous month but 1.4 points lower than the July 1981 level. (See table A-33.)

The civilian labor force, which has shown considerable volatility in recent months, rose by 330,000 in July following a slightly larger decline in June. At 110.5 million persons in July, the labor force was up by 1.8 million over the year. Adult women accounted for 1.4 million of this increase and adult men rose by 800,000; the teenage labor force declined, reflecting both reduced labor force participation and a decline in the size of their population.

Industry payroll employment

Total nonagricultural payroll employment was about unchanged in July at 89.8 million, following a June decline of 300,000 (as revised). July job gains in the service-producing sector largely offset continued employment declines in the goods-producing industries. Since July 1981, the number of nonfarm jobs has declined by 1.6 million, as only one-fifth of the 186 industries comprising the BLS diffusion index of private nonagricultural payroll employment registered over-the-year increases. (See tables B-4 and B-7.)

In the goods-producing sector, employment declined over the month in manufacturing and mining, while construction was about unchanged. Cutbacks in machinery accounted for almost half of the 90,000 manufacturing employment decline. Employment in machinery has fallen by 100,000 in the last 2 months alone. The food processing and apparel industries also registered sizeable reductions, while smaller declines continued the long-term downtrends evident in most of the other manufacturing industries. In all, manufacturing jobs were down by 1.5 million over the past year. Over this same period, job losses in mining and construction totaled 320,000.

Among the service-producing industries, services posted an employment gain of 55,000. Despite the recession, the services industry has grown by 450,000 jobs in the past year. In addition, there were smaller increases in trade and government. In contrast, employment in

transportation and public utilities declined by 25,000 in July and was down 115,000 over the year.

Hours of work

The average workweek of production or nonsupervisory workers on private nonagricultural payrolls edged upward 0.1 hour in July to 34.9 hours, seasonally adjusted. Average hours in manufacturing also were up 0.1 hour to 39.3 hours, and overtime was unchanged at 2.4 hours. The factory workweek has risen for 3 straight months but was still 0.7 hour below the level of a year earlier. (See table C-6.)

The index of aggregate weekly hours of production or nonsupervisory workers on private nonfarm payrolls rose 0.1 percent in July to 105.0 (1977 = 100). The manufacturing index declined 0.3 percent to 88.3 and has fallen 11.4 percent since last July. (See table C-7.)

Hourly and weekly earnings

Average hourly earnings increased by 0.5 percent in July, while average weekly earnings rose 0.8 percent, seasonally adjusted. Before adjustment for seasonality, average hourly earnings rose 4 cents in July to $7.67, 43 cents above the year-earlier level. Average weekly earnings, at $269.98, were up $2.93 over the month and $12.24 over the year. (See tables C-1 and C-8.)

The Hourly Earnings Index

The Hourly Earnings Index (HEI) was 148.7 (1977 = 100) in July, seasonally adjusted, 0.4 percent higher than in June. For the 12 months ended in July, the increase (before seasonal adjustment) was 6.9 percent. The HEI excludes the effects of two types of changes unrelated to underlying wage rate movements—fluctuations in overtime in manufacturing and interindustry employment shifts. In dollars of constant purchasing power, the HEI increased 0.1 percent during the 12-month period ended in June. (See table C-8.)

Correction

The September 1982 seasonal factor for females 16 to 19 years of age employed in nonagricultural industries is -179 rather than -79 as published in the July issue of this publication.

HOUSEHOLD DATA
HISTORICAL

A-1. Employment status of the noninstitutional population 16 years and over, 1947 to date

(Numbers in thousands)

Year and month	Total noninstitutional population	Total labor force		Civilian labor force						Not in labor force
					Employed			Unemployed		
		Number	Percent of population	Total	Total	Agriculture	Nonagricultural industries	Number	Percent of labor force	
	Annual averages									
1947	103,418	60,941	58.9	59,350	57,038	7,890	49,148	2,311	3.9	42,477
1948	104,527	62,080	59.4	60,621	58,343	7,629	50,714	2,276	3.8	42,447
1949	105,611	62,903	59.6	61,286	57,651	7,658	49,993	3,637	5.9	42,708
1950	106,645	63,858	59.9	62,208	58,918	7,160	51,758	3,288	5.3	42,787
1951	107,721	65,117	60.4	62,017	59,961	6,726	53,235	2,055	3.3	42,604
1952	108,823	65,730	60.4	62,138	60,250	6,500	53,749	1,883	3.0	43,093
1953[1]	110,601	66,560	60.2	63,015	61,179	6,260	54,919	1,834	2.9	44,041
1954	111,671	66,993	60.0	63,643	60,109	6,205	53,904	3,532	5.5	44,678
1955	112,732	68,072	60.4	65,023	62,170	6,450	55,722	2,852	4.4	44,660
1956	113,811	69,409	61.0	66,552	63,799	6,283	57,514	2,750	4.1	44,402
1957	115,065	69,729	60.6	66,929	64,071	5,947	58,123	2,859	4.3	45,336
1958	116,363	70,275	60.4	67,639	63,036	5,586	57,450	4,602	6.8	46,088
1959	117,881	70,921	60.2	68,369	64,630	5,565	59,065	3,740	5.5	46,960
1960[1]	119,759	72,142	60.2	69,628	65,778	5,458	60,318	3,852	5.5	47,617
1961	121,343	73,031	60.2	70,459	65,746	5,200	60,546	4,714	6.7	48,312
1962	122,981	73,442	59.7	70,614	66,702	4,944	61,759	3,911	5.5	49,539
1963	125,154	74,571	59.6	71,833	67,762	4,687	63,076	4,070	5.7	50,583
1964	127,224	75,830	59.6	73,091	69,305	4,523	64,782	3,786	5.2	51,394
1965	129,236	77,178	59.7	74,455	71,088	4,361	66,726	3,366	4.5	52,058
1966	131,180	78,893	60.1	75,770	72,895	3,979	68,915	2,875	3.8	52,287
1967	133,319	80,793	60.6	77,347	74,372	3,844	70,527	2,975	3.8	52,527
1968	135,562	82,272	60.7	78,737	75,920	3,817	72,103	2,817	3.6	53,291
1969	137,841	84,240	61.1	80,734	77,902	3,606	74,296	2,832	3.5	53,602
1970	140,272	85,959	61.3	82,771	78,678	3,463	75,215	4,093	4.9	54,313
1971	143,033	87,198	61.0	84,382	79,367	3,394	75,972	5,016	5.9	55,834
1972[1]	146,574	89,484	61.1	87,034	82,153	3,484	78,669	4,882	5.6	57,091
1973[1]	149,423	91,756	61.4	89,429	85,064	3,470	81,594	4,365	4.9	57,667
1974	152,349	94,179	61.8	91,949	86,794	3,515	83,279	5,156	5.6	58,171
1975	155,333	95,955	61.8	93,775	85,846	3,408	82,438	7,929	8.5	59,377
1976	158,294	98,302	62.1	96,158	88,752	3,331	85,421	7,406	7.7	59,991
1977	161,166	101,142	62.8	99,009	92,017	3,283	88,734	6,991	7.1	60,025
1978[1]	164,027	104,368	63.6	102,251	96,048	3,387	92,661	6,202	6.1	59,659
1979	166,951	107,050	64.1	104,962	98,824	3,347	95,477	6,137	5.8	59,900
1980	169,848	109,042	64.2	106,940	99,303	3,364	95,938	7,637	7.1	60,806
1981	172,272	110,812	64.3	108,670	100,397	3,368	97,030	8,273	7.6	61,460
	Monthly data, seasonally adjusted[2]									
1981:										
July	172,385	110,827	64.3	108,688	100,864	3,342	97,522	7,824	7.2	61,558
August	172,559	110,978	64.3	108,818	100,940	3,404	97,436	7,978	7.3	61,581
September	172,758	110,659	64.1	108,494	100,258	3,358	96,900	8,236	7.6	62,099
October	172,966	111,170	64.3	109,012	100,343	3,378	96,965	8,669	8.0	61,797
November	173,155	111,430	64.4	109,272	100,172	3,372	96,800	9,100	8.3	61,726
December	173,330	111,348	64.2	109,184	99,613	3,209	96,404	9,571	8.8	61,982
1982:										
January	173,495	111,038	64.0	108,879	99,581	3,411	96,170	9,298	8.5	62,456
February	173,657	111,333	64.1	109,165	99,590	3,373	96,217	9,575	8.8	62,324
March	173,843	111,521	64.2	109,386	99,492	3,349	96,144	9,854	9.0	62,321
April	174,020	111,829	64.3	109,698	99,340	3,309	96,032	10,307	9.4	62,192
May	174,201	112,041	64.8	110,666	100,117	3,488	96,629	10,549	9.5	61,360
June	174,364	112,364	64.4	110,191	99,764	3,357	96,406	10,427	9.5	61,995
July	174,544	112,702	64.6	110,522	99,732	3,460	96,272	10,790	9.8	61,842

[1] Not strictly comparable with prior years. For an explanation, see "Historic Comparability" under Household Data section of Explanatory Notes.

[2] Because seasonality, by definition, does not exist in population figures, data for "total noninstitutional population" are not seasonally adjusted.

READEX FICHE

A-2. Employment status of the noninstitutional population 16 years and over by sex, 1972 to date

(Numbers in thousands)

Sex, year, and month	Total noninstitutional population	Total labor force		Civilian labor force						Not in labor force
					Employed			Unemployed		
		Number	Percent of population	Total	Total	Agriculture	Nonagricultural industries	Number	Percent of labor force	
MALES	**Annual averages**									
1972[1]	70,241	55,961	79.7	53,555	50,896	2,849	48,047	2,659	5.0	14,280
1973[1]	71,567	56,900	79.5	54,624	52,349	2,847	49,502	2,275	4.2	14,667
1974	72,971	57,902	79.3	55,739	53,024	2,919	50,105	2,714	4.9	15,069
1975	74,383	58,390	78.5	56,299	51,857	2,824	49,032	4,442	7.9	15,993
1976	75,798	59,212	78.1	57,174	53,138	2,744	50,394	4,036	7.1	16,585
1977	77,211	60,414	78.2	58,396	54,728	2,671	52,057	3,667	6.3	16,797
1978[1]	78,569	61,613	78.4	59,620	56,479	2,718	53,761	3,142	5.3	16,956
1979	79,968	62,676	78.4	60,726	57,607	2,686	54,921	3,120	5.1	17,293
1980	81,341	63,396	77.9	61,453	57,186	2,709	54,477	4,267	6.9	17,945
1981	82,476	63,939	77.5	61,974	57,397	2,700	54,697	4,577	7.4	18,537
	Monthly data, seasonally adjusted[2]									
1981:										
July	82,529	63,771	77.3	61,811	57,640	2,696	54,944	4,171	6.7	18,758
August	82,613	63,916	77.4	61,936	57,551	2,738	54,813	4,385	7.1	18,697
September	82,707	63,960	77.3	61,977	57,471	2,687	54,784	4,506	7.3	18,747
October	82,807	64,040	77.3	62,064	57,266	2,715	54,551	4,798	7.7	18,767
November	82,895	64,158	77.4	62,184	57,051	2,668	54,383	5,133	8.3	18,737
December	82,978	64,283	77.5	62,303	56,725	2,590	54,135	5,578	9.0	18,696
1982:										
January	83,054	63,941	77.0	61,966	56,629	2,698	53,931	5,338	8.6	19,113
February	83,129	64,025	77.0	62,042	56,658	2,693	53,965	5,384	8.7	19,104
March	83,218	64,069	77.0	62,082	56,472	2,667	53,805	5,610	9.0	19,149
April	83,303	64,234	77.1	62,247	56,401	2,661	53,739	5,846	9.4	19,068
May	83,389	64,835	77.8	62,849	56,820	2,797	54,023	6,029	9.6	18,553
June	83,464	64,270	77.0	62,287	56,223	2,728	53,498	6,065	9.7	19,193
July	83,550	64,343	77.0	62,353	56,192	2,796	53,396	6,161	9.9	19,207
FEMALES	**Annual averages**									
1972[1]	76,333	33,522	43.9	33,479	31,257	635	30,622	2,222	6.6	42,811
1973[1]	77,855	34,855	44.8	34,804	32,715	622	32,093	2,089	6.0	43,000
1974	79,379	36,278	45.7	36,211	33,769	596	33,173	2,441	6.7	43,111
1975	80,989	37,565	46.4	37,475	33,989	584	33,404	3,486	9.3	43,386
1976	82,496	39,089	47.4	38,983	35,615	588	35,027	3,369	8.6	43,406
1977	83,955	40,728	48.5	40,613	37,289	612	36,677	3,324	8.2	43,227
1978[1]	85,459	42,755	50.0	42,631	39,569	669	38,900	3,061	7.2	42,703
1979	86,983	44,375	51.0	44,235	41,217	661	40,556	3,018	6.8	42,608
1980	88,507	45,646	51.6	45,487	42,117	656	41,461	3,370	7.4	42,861
1981	89,796	46,873	52.2	46,696	43,000	667	42,333	3,696	7.9	42,922
	Monthly data, seasonally adjusted[2]									
1981:										
July	89,856	47,056	52.4	46,877	43,224	646	42,578	3,653	7.8	42,780
August	89,946	47,062	52.3	46,882	43,289	616	42,623	3,593	7.7	42,884
September	90,051	46,699	51.9	46,517	42,787	671	42,116	3,730	8.0	43,352
October	90,159	47,129	52.3	46,948	43,077	663	42,414	3,871	8.2	43,030
November	90,259	47,272	52.4	47,088	43,121	704	42,417	3,967	8.4	42,987
December	90,352	47,066	52.1	46,881	42,888	619	42,269	3,993	8.5	43,286
1982:										
January	90,341	47,097	52.1	46,913	42,952	713	42,239	3,960	8.4	43,383
February	90,428	47,308	52.3	47,123	42,932	680	42,251	4,191	8.9	43,220
March	90,625	47,452	52.4	47,264	43,020	682	42,339	4,243	9.0	43,173
April	90,718	47,589	52.5	47,401	42,940	647	42,292	4,461	9.4	43,128
May	90,813	48,005	52.9	47,817	43,297	691	42,606	4,520	9.5	42,807
June	90,900	48,094	52.9	47,904	43,541	633	42,908	4,362	9.1	42,806
July	90,995	48,760	53.1	48,169	43,540	664	42,875	4,629	9.6	42,635

[1] Not strictly comparable with prior years. For an explanation, see "Historic Comparability" under Household Data section of Explanatory Notes.

[2] Because seasonality, by definition, does not exist in population figures, data for "Total noninstitutional population" are not seasonally adjusted.

HOUSEHOLD DATA

A-3. Employment status of the noninstitutional population by sex, age, and race

[Numbers in thousands]

Sex, age, and race	July 1982										
	Total labor force		Civilian labor force				Not in labor force				
					Unemployed						
	Number	Percent of population	Total	Employed	Number	Percent of labor force	Total	Keeping house	Going to school	Unable to work	Other reasons
MALES											
16 years and over	66,085	79.1	60,096	57,923	6,172	9.6	17,484	425	1,067	1,433	14,482
16 to 21 years	9,635	77.2	9,013	7,204	1,809	20.1	2,844	45	600	49	2,149
16 to 19 years	7,783	71.2	5,537	4,304	1,232	22.3	2,338	41	423	25	1,849
16 to 17 years	2,372	60.6	2,362	1,806	556	23.6	1,540	23	227	9	1,281
18 to 19 years	3,411	81.0	3,174	2,498	676	21.3	798	18	196	17	567
20 to 64 years	58,456	89.9	56,712	51,825	4,888	8.6	6,599	167	644	1,042	4,736
20 to 24 years	9,860	90.4	9,088	7,728	1,360	15.0	1,050	17	349	50	634
25 to 54 years	41,433	94.3	40,463	37,301	3,161	7.8	2,493	90	291	573	1,539
25 to 29 years	9,695	94.8	9,306	8,203	1,103	11.9	530	19	186	54	271
30 to 34 years	8,833	95.8	8,569	7,851	718	8.4	391	18	76	71	226
35 to 39 years	7,304	95.7	7,111	6,623	488	6.9	332	16	26	73	217
40 to 44 years	5,775	94.9	5,688	5,365	322	5.7	310	12	12	124	162
45 to 49 years	4,974	92.9	4,945	4,691	254	5.1	379	8	8	107	255
50 to 54 years	4,850	89.8	4,843	4,568	275	5.7	551	17	3	162	369
55 to 64 years	7,164	78.1	7,162	6,795	367	5.1	3,057	61	4	453	2,533
55 to 59 years	4,429	82.2	4,428	4,176	253	5.7	960	35	1	209	715
60 to 64 years	2,734	56.6	2,734	2,620	115	4.2	2,097	26	3	253	1,818
65 years and over	1,847	17.8	1,847	1,794	52	2.8	8,527	216	--	381	7,928
65 to 69 years	1,057	27.0	1,057	1,024	32	3.1	2,862	58	--	125	2,683
70 years and over	790	12.2	790	770	20	2.5	5,665	162	--	253	5,244
White											
16 years and over	58,028	79.7	53,495	51,725	4,771	8.9	14,790	339	743	1,172	12,535
16 to 21 years	8,242	79.3	7,763	6,395	1,368	17.6	2,147	36	424	35	1,653
16 to 19 years	4,971	73.7	4,775	3,855	920	19.3	1,774	32	291	13	1,433
16 to 17 years	2,069	63.8	2,063	1,628	432	21.0	1,175	18	149	5	1,003
18 to 19 years	2,901	82.9	2,715	2,227	488	18.0	599	14	142	13	430
20 to 64 years	51,355	90.6	50,021	46,210	3,812	7.6	5,337	127	452	844	3,916
20 to 24 years	8,414	91.5	7,842	6,813	1,029	13.1	779	13	257	38	471
25 to 54 years	36,941	95.1	35,680	33,206	2,474	6.9	1,865	65	191	435	1,172
25 to 34 years	16,140	96.1	15,645	14,257	1,388	8.9	657	25	159	47	376
35 to 44 years	11,505	95.9	11,272	10,625	647	5.7	491	20	24	133	314
45 to 54 years	9,295	92.5	8,764	8,323	440	5.0	717	20	8	257	482
55 to 64 years	6,500	70.7	6,499	6,192	307	4.7	2,694	49	4	374	2,268
55 to 59 years	4,006	82.8	4,005	3,795	210	5.2	831	29	1	164	637
60 to 64 years	2,494	57.2	2,494	2,396	98	3.9	1,863	19	2	211	1,631
65 years and over	1,699	18.1	1,699	1,660	39	2.3	7,679	183	--	310	7,187
Black and other											
16 years and over	8,061	75.1	7,600	6,199	1,401	18.4	2,694	86	324	333	1,947
16 to 21 years	1,393	66.7	1,250	809	441	35.3	696	10	176	14	496
16 to 19 years	812	59.0	762	450	312	40.9	566	10	132	7	415
16 to 17 years	303	45.3	302	176	124	41.0	365	6	78	3	278
18 to 19 years	509	71.9	460	272	188	40.9	199	4	54	2	137
20 to 64 years	7,102	84.9	6,691	5,615	1,077	16.1	1,262	41	192	219	790
20 to 24 years	1,446	84.2	1,246	915	330	26.5	271	4	92	16	159
25 to 54 years	4,992	88.8	4,762	4,096	686	14.3	628	29	100	137	361
25 to 34 years	2,388	90.1	2,230	1,797	433	19.4	264	11	83	28	141
35 to 44 years	1,574	91.2	1,527	1,363	164	10.7	151	8	14	47	82
45 to 54 years	1,029	82.8	1,025	935	89	8.7	213	5	3	64	141
55 to 64 years	663	64.1	663	604	60	9.0	363	13	--	98	265
55 to 59 years	423	76.6	423	380	43	10.1	129	6	--	43	79
60 to 64 years	240	50.7	240	223	17	7.0	234	7	--	55	171
65 years and over	147	14.8	147	134	13	8.8	948	35	--	72	841

A-3. Employment status of the noninstitutional population by sex, age, and race—Continued

(Numbers in thousands)

Sex, age, and race	July 1982										
	Total labor force		Civilian labor force				Not in labor force				
	Number	Percent of population	Total	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
					Number	Percent of labor force					
FEMALES											
16 years and over	49,621	53.4	43,430	43,567	4,863	10.0	42,378	32,088	1,122	1,022	8,142
16 to 21 years	8,149	66.9	8,082	6,523	1,559	19.3	4,037	1,401	650	14	1,971
16 to 19 years	5,021	63.5	4,996	3,902	1,094	21.9	2,882	741	839	3	1,694
16 to 17 years	2,049	54.0	2,049	1,574	475	23.2	1,746	298	206	4	1,237
18 to 19 years	2,972	72.3	2,947	2,328	619	21.0	1,137	442	233	5	457
20 to 64 years	42,819	62.3	42,254	38,519	3,736	8.8	25,642	21,341	683	453	3,154
20 to 24 years	7,829	72.5	7,737	6,679	1,058	13.7	2,975	2,060	345	15	555
25 to 54 years	29,768	65.3	29,695	27,303	2,392	8.1	15,788	13,640	335	237	1,574
25 to 29 years	7,079	68.4	7,031	6,242	789	11.2	3,276	2,787	148	43	297
30 to 34 years	6,134	65.1	6,117	5,571	545	8.9	3,294	2,871	90	33	303
35 to 39 years	5,179	65.7	5,174	4,820	354	6.8	2,705	2,348	47	30	280
40 to 44 years	4,287	67.5	4,286	4,005	281	6.6	2,068	1,786	24	33	225
45 to 49 years	3,685	65.0	3,684	3,480	205	5.6	1,986	1,744	16	41	183
50 to 54 years	3,403	58.1	3,402	3,185	217	6.4	2,458	2,108	10	61	280
55 to 64 years	4,823	41.2	4,823	4,536	287	5.9	6,879	5,640	7	207	1,025
55 to 59 years	2,973	49.1	2,973	2,805	168	5.7	3,083	2,600	6	93	388
60 to 64 years	1,849	32.8	1,849	1,731	118	6.4	3,796	3,040	1	113	637
65 years and over	1,180	7.8	1,180	1,146	33	2.8	13,850	10,006	--	553	3,294
65 to 69 years	740	15.1	740	718	22	3.0	4,163	3,201	--	101	864
70 years and over	440	4.3	440	428	11	2.6	9,687	6,806	--	453	2,430
White											
16 years and over	41,611	53.1	41,478	37,870	3,607	8.7	36,806	28,352	762	797	6,895
16 to 21 years	7,022	69.4	6,976	5,853	1,122	16.1	3,098	1,120	429	9	1,539
16 to 19 years	4,348	66.5	4,330	3,539	791	18.3	2,191	571	277	5	1,339
16 to 17 years	1,774	56.8	1,774	1,414	360	20.3	1,349	223	124	2	999
18 to 19 years	2,574	75.3	2,556	2,125	431	16.9	843	348	153	1	340
20 to 64 years	36,208	62.1	36,091	33,301	2,789	7.7	22,095	18,671	485	351	2,588
20 to 24 years	6,701	74.2	6,637	5,889	748	11.3	2,326	1,680	246	12	388
25 to 54 years	25,236	65.0	25,183	23,388	1,795	7.1	13,615	11,884	237	183	1,311
25 to 34 years	11,106	66.7	11,059	10,105	955	8.6	5,555	4,850	162	62	481
35 to 44 years	7,994	65.7	7,989	7,485	503	6.3	4,177	3,641	52	53	435
45 to 54 years	6,135	61.2	6,134	5,798	337	5.5	3,883	3,393	22	72	196
55 to 64 years	4,272	41.0	4,272	4,025	247	5.8	6,153	5,108	5	155	885
55 to 59 years	2,633	49.1	2,633	2,488	145	5.5	2,731	2,332	5	62	332
60 to 64 years	1,638	32.4	1,638	1,537	101	6.2	3,422	2,776	--	93	553
65 years and over	1,057	7.8	1,057	1,030	27	2.5	12,520	9,110	--	441	2,972
Black and other											
16 years and over	7,008	55.7	5,953	5,696	1,256	18.1	5,568	3,735	360	225	1,247
16 to 21 years	1,127	54.5	1,107	670	437	39.5	939	281	221	5	433
16 to 19 years	673	49.4	666	363	301	45.5	691	170	162	4	355
16 to 17 years	275	40.9	275	160	115	41.9	197	75	82	2	238
18 to 19 years	398	57.5	391	203	188	48.1	294	94	80	2	117
20 to 64 years	6,212	63.7	5,164	5,218	946	15.1	3,547	2,669	198	139	570
20 to 24 years	1,129	63.5	1,100	790	310	28.2	649	381	99	3	166
25 to 54 years	4,532	67.6	4,512	3,916	596	13.2	2,173	1,757	99	58	261
25 to 34 years	2,107	67.5	2,088	1,709	379	18.2	1,015	809	76	12	119
35 to 44 years	1,473	71.2	1,472	1,340	132	9.0	596	489	19	10	77
45 to 54 years	952	62.9	952	867	85	8.9	562	459	4	32	67
55 to 64 years	551	43.2	551	511	40	7.2	726	532	1	53	140
55 to 59 years	340	49.2	340	317	23	6.7	351	267	1	29	56
60 to 64 years	211	36.1	211	194	17	8.0	374	264	1	25	85
65 years and over	123	8.5	123	116	7	5.5	1,330	897	--	112	322

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A-4. Labor force by sex, age, and race

Sex, age, and race	Total labor force				Civilian labor force			
	Thousands of persons		Participation rates		Thousands of persons		Participation rates	
	July 1981	July 1982	July 1981	July 1982	July 1981	July 1982	July 1981	July 1982
MALES								
16 years and over	65,625	66,085	79.5	79.1	63,665	64,096	79.0	78.6
16 to 19 years	6,196	5,783	73.9	71.2	5,918	5,537	73.1	70.3
16 to 17 years	2,632	2,372	64.1	60.6	2,619	2,362	63.9	60.5
18 to 19 years	3,554	3,411	83.5	81.0	3,299	3,176	82.4	79.9
20 to 24 years	9,911	9,860	91.1	90.4	9,159	9,088	90.4	89.6
25 to 54 years	40,480	41,433	94.2	94.3	39,541	40,463	94.1	94.2
25 to 34 years	18,185	18,528	95.2	95.3	17,552	17,875	95.0	95.1
35 to 44 years	12,366	13,360	95.0	95.3	12,097	12,799	94.9	95.2
45 to 54 years	9,928	9,825	91.7	91.3	9,892	9,788	91.7	91.3
55 to 64 years	7,196	7,164	70.9	70.1	7,195	7,162	70.8	70.1
55 to 59 years	4,392	4,429	80.9	82.2	4,391	4,428	80.9	82.2
60 to 64 years	2,805	2,734	59.3	56.6	2,805	2,734	59.3	56.6
65 years and over	1,852	1,847	18.2	17.8	1,852	1,847	18.2	17.8
White								
16 years and over	57,864	58,324	80.3	79.7	56,352	56,495	79.9	79.3
16 to 19 years	5,337	4,971	76.7	73.7	5,128	4,775	75.9	72.9
16 to 17 years	2,287	2,069	66.9	63.8	2,276	2,060	66.8	63.7
18 to 19 years	3,050	2,901	86.1	82.9	2,853	2,715	85.3	81.9
20 to 24 years	8,531	8,414	92.6	91.5	7,975	7,842	92.2	91.0
25 to 54 years	35,735	36,441	95.2	95.1	34,988	35,680	95.1	95.0
25 to 34 years	15,917	16,140	96.2	96.1	15,627	15,845	96.1	96.0
35 to 44 years	10,910	11,505	96.0	95.9	10,686	11,272	95.9	95.8
45 to 54 years	8,907	8,795	92.8	92.5	8,875	8,764	92.7	92.4
55 to 64 years	6,546	6,508	71.6	70.7	6,545	6,499	71.6	70.7
55 to 59 years	3,986	4,005	82.1	82.8	3,985	4,005	82.1	82.8
60 to 64 years	2,559	2,494	59.7	57.2	2,559	2,494	59.7	57.2
65 years and over	1,716	1,699	18.6	18.1	1,716	1,699	18.6	18.1
Black and other								
16 years and over	7,761	8,061	78.0	75.1	7,313	7,600	72.8	78.0
16 to 19 years	849	812	60.5	59.0	789	762	58.7	57.8
16 to 17 years	345	303	50.0	45.3	343	302	49.9	45.3
18 to 19 years	504	509	70.7	71.9	446	460	68.1	69.8
20 to 24 years	1,380	1,446	82.6	84.2	1,184	1,246	80.3	82.1
25 to 54 years	4,746	4,992	87.4	88.8	4,553	4,782	86.9	88.4
25 to 34 years	2,268	2,388	88.6	90.1	2,125	2,230	87.9	89.4
35 to 44 years	1,456	1,574	88.6	91.2	1,411	1,527	88.3	91.0
45 to 54 years	1,021	1,029	84.3	82.8	1,017	1,025	83.3	82.9
55 to 64 years	651	663	69.1	69.6	651	663	69.1	69.6
55 to 59 years	405	423	71.2	76.6	405	423	71.2	76.6
60 to 64 years	245	240	55.1	50.7	245	240	55.1	50.7
65 years and over	136	147	14.9	14.8	136	147	14.8	14.8

A-4. Labor force by sex, age, and race—Continued

Sex, age, and race	Total labor force				Civilian labor force			
	Thousands of persons		Participation rates		Thousands of persons		Participation rates	
	July 1981	July 1982	July 1981	July 1982	July 1981	July 1982	July 1981	July 1982
FEMALES								
16 years and over	47,256	48,621	52.6	53.4	47,077	48,430	52.5	53.3
16 to 19 years	5,119	5,021	62.9	63.5	5,091	4,996	62.7	63.4
16 to 17 years	2,179	2,049	54.7	54.0	2,179	2,049	54.7	54.0
18 to 19 years	2,940	2,972	70.7	72.3	2,912	2,947	70.5	72.2
20 to 24 years	7,811	7,829	72.3	72.5	7,724	7,737	72.1	72.2
25 to 54 years	28,480	29,768	63.9	65.3	28,416	29,695	63.8	65.3
25 to 34 years	12,746	13,213	65.5	66.8	12,688	13,148	65.4	66.7
35 to 44 years	8,833	9,467	65.3	66.5	8,828	9,460	65.3	66.5
45 to 54 years	6,901	7,087	59.4	61.5	6,901	7,087	59.4	61.5
55 to 64 years	4,681	4,823	40.3	41.2	4,681	4,823	40.3	41.2
55 to 59 years	2,968	2,973	48.7	49.1	2,968	2,973	48.7	49.1
60 to 64 years	1,713	1,849	31.1	32.8	1,713	1,849	31.1	32.8
65 years and over	1,165	1,180	7.9	7.8	1,165	1,180	7.9	7.8
White								
16 years and over	40,477	41,613	52.2	53.1	40,388	41,478	52.1	53.0
16 to 19 years	4,471	4,348	66.1	66.5	4,451	4,330	66.0	66.4
16 to 17 years	1,913	1,774	58.0	56.8	1,912	1,774	57.9	56.8
18 to 19 years	2,558	2,574	74.0	75.3	2,539	2,556	73.8	75.2
20 to 24 years	6,685	6,701	74.0	74.2	6,623	6,637	73.8	74.0
25 to 54 years	24,159	25,236	63.4	65.0	24,112	25,183	63.3	64.9
25 to 34 years	10,668	11,106	64.9	66.7	10,626	11,059	64.9	66.6
35 to 44 years	7,517	7,994	64.8	65.7	7,513	7,989	64.7	65.7
45 to 54 years	5,974	6,135	59.2	61.2	5,973	6,134	59.2	61.2
55 to 64 years	4,131	4,272	39.9	41.0	4,131	4,272	39.9	41.0
55 to 59 years	2,630	2,633	48.6	49.1	2,630	2,633	48.6	49.1
60 to 64 years	1,501	1,638	30.3	32.4	1,501	1,638	30.3	32.4
65 years and over	1,031	1,057	7.8	7.8	1,031	1,057	7.8	7.8
Black and other								
16 years and over	6,779	7,008	55.2	55.7	6,730	6,953	55.0	55.5
16 to 19 years	648	673	46.8	49.4	640	666	46.5	49.1
16 to 17 years	266	275	38.8	40.9	266	275	38.8	40.9
18 to 19 years	382	398	54.7	57.5	374	391	54.1	57.1
20 to 24 years	1,126	1,129	63.6	63.5	1,101	1,100	63.1	62.9
25 to 54 years	4,322	4,532	66.8	67.6	4,305	4,512	66.7	67.5
25 to 34 years	2,078	2,107	68.5	67.5	2,062	2,088	68.3	67.3
35 to 44 years	1,316	1,473	68.8	71.2	1,315	1,472	68.8	71.2
45 to 54 years	928	952	61.0	62.9	928	952	61.0	62.9
55 to 64 years	550	551	43.9	43.2	550	551	43.9	43.2
55 to 59 years	337	340	49.2	49.2	337	340	49.2	49.2
60 to 64 years	213	211	37.5	36.1	213	211	37.5	36.1
65 years and over	134	123	9.6	8.5	134	123	9.6	8.5

HOUSEHOLD DATA

A-5. Employment status of black workers by sex and age

[Numbers in thousands]

Sex and age	July 1982						
	Civilian labor force						Not in labor force
	Total	Employed			Unemployed		
		Total	Agriculture	Nonagricultural industries	Number	Percent of labor force	
TOTAL							
16 years and over	11,762	9,447	190	9,257	2,315	19.7	6,839
16 to 19 years	1,173	633	30	603	540	46.0	1,078
16 to 17 years	469	264	15	249	205	43.8	645
18 to 19 years	704	369	16	354	335	47.5	432
20 to 24 years	1,937	1,361	21	1,340	576	29.8	763
25 to 54 years	7,420	6,322	104	6,217	1,098	14.8	2,178
25 to 34 years	3,468	2,761	35	2,726	707	20.4	971
35 to 44 years	2,345	2,103	38	2,065	242	10.3	550
45 to 54 years	1,607	1,458	31	1,427	149	9.3	656
55 to 64 years	1,011	926	22	903	86	8.5	924
55 to 59 years	631	575	17	558	56	8.9	408
60 to 64 years	380	351	5	345	29	7.8	515
65 years and over	220	205	12	193	15	6.8	1,995
Males							
16 years and over	6,039	4,822	151	4,671	1,217	20.2	2,252
16 to 19 years	618	340	22	318	279	45.1	479
16 to 17 years	245	135	14	121	110	44.9	309
18 to 19 years	373	205	9	197	169	45.3	171
20 to 24 years	1,013	724	17	707	290	28.6	213
25 to 54 years	3,756	3,167	77	3,089	589	15.7	516
25 to 34 years	1,784	1,406	27	1,379	377	21.1	199
35 to 44 years	1,164	1,025	24	1,001	139	11.9	122
45 to 54 years	808	736	26	710	72	8.9	194
55 to 64 years	539	488	22	465	52	9.6	309
55 to 59 years	346	310	17	293	36	10.4	110
60 to 64 years	193	178	5	172	15	7.8	138
65 years and over	112	103	12	91	9	8.0	735
Females							
16 years and over	5,723	4,625	39	4,586	1,098	19.2	4,587
16 to 19 years	555	293	8	285	261	47.1	599
16 to 17 years	224	129	1	128	95	42.4	337
18 to 19 years	331	164	7	157	166	50.3	262
20 to 24 years	924	637	4	633	286	31.0	550
25 to 54 years	3,664	3,155	27	3,128	509	13.9	1,662
25 to 34 years	1,684	1,355	9	1,347	330	19.6	772
35 to 44 years	1,181	1,078	14	1,064	103	8.7	428
45 to 54 years	799	722	5	717	77	9.6	462
55 to 64 years	472	438	--	438	34	7.3	615
55 to 59 years	285	265	--	265	20	7.0	293
60 to 64 years	187	173	--	173	14	7.7	317
65 years and over	108	102	--	102	6	5.7	1,161

A-6. Employment status of the noninstitutional population by race, sex, and age

[Numbers in thousands]

Employment status and race	Total		Males, 20 years and over		Females, 20 years and over		Both sexes, 16-19 years	
	July 1981	July 1982	July 1981	July 1982	July 1981	July 1982	July 1981	July 1982
TOTAL								
Total noninstitutional population	172,385	174,584	74,164	75,429	81,711	83,091	16,510	16,324
Total labor force	112,881	114,706	59,439	60,303	42,136	43,599	11,305	10,804
Percent of population	65.5	65.7	80.1	79.9	51.6	52.5	68.5	67.4
Civilian labor force	110,742	112,526	57,747	58,559	41,986	43,434	11,009	10,533
Employed	102,612	101,490	54,526	53,619	39,048	39,665	9,038	8,206
Agriculture	3,879	4,023	2,543	2,642	742	749	594	632
Nonagricultural industries	98,732	97,467	51,983	50,977	38,306	38,916	8,443	7,574
Unemployed	8,130	11,036	3,221	4,940	2,938	3,769	1,971	2,326
Percent of labor force	7.3	9.8	5.6	8.4	7.0	8.7	17.9	22.1
Not in labor force	59,504	59,838	14,725	15,126	39,575	39,492	5,204	5,220
White								
Total noninstitutional population	149,617	151,233	65,074	66,070	70,821	71,879	13,722	13,284
Total labor force	98,341	99,637	52,526	53,054	36,006	37,265	9,809	9,319
Percent of population	65.7	65.9	80.7	80.3	50.8	51.8	71.5	70.1
Civilian labor force	96,730	97,973	51,223	51,720	35,837	37,148	9,579	9,105
Employed	90,637	89,595	48,780	47,870	33,743	34,331	8,114	7,394
Agriculture	3,610	3,705	2,362	2,455	688	694	559	596
Nonagricultural industries	87,027	85,850	46,417	45,415	33,055	33,637	7,554	6,798
Unemployed	6,063	8,378	2,443	3,851	2,154	2,816	1,466	1,711
Percent of labor force	6.3	8.6	4.8	7.4	6.0	7.6	15.3	18.8
Not in labor force	51,276	51,596	12,548	13,016	34,815	34,615	3,913	3,965
Black and other								
Total noninstitutional population	22,768	23,311	9,090	9,359	10,890	11,212	2,788	2,791
Total labor force	14,540	15,069	6,912	7,249	6,131	6,335	1,497	1,485
Percent of population	63.9	64.6	76.0	77.5	56.3	56.5	53.7	53.2
Civilian labor force	14,042	14,553	6,524	6,838	6,090	6,287	1,429	1,428
Employed	11,975	11,895	5,746	5,749	5,305	5,334	924	812
Agriculture	270	278	181	187	54	54	35	36
Nonagricultural industries	11,705	11,617	5,565	5,561	5,251	5,279	889	776
Unemployed	2,067	2,658	777	1,090	785	953	505	615
Percent of labor force	14.7	18.3	11.9	15.9	12.9	15.2	35.3	43.1
Not in labor force	8,228	8,242	2,177	2,110	4,760	4,877	1,291	1,255

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A-7. Employment status of the noninstitutional population 16 to 21 years of age by major activity, sex, and race

(Numbers in thousands)

Employment status and major activity	July 1982								
	Total			White			Black and other		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
TOTAL									
Total noninstitutional population	24,665	12,479	12,186	20,509	10,389	10,120	4,156	2,090	2,066
Total labor force	17,785	9,635	8,149	15,264	8,242	7,022	2,520	1,393	1,127
Percent of population	72.1	77.2	66.9	74.4	79.3	69.4	60.6	66.7	54.5
Civilian labor force	17,096	9,013	8,082	14,739	7,763	6,976	2,357	1,253	1,103
Employed	13,727	7,204	6,523	12,249	6,395	5,853	1,479	809	670
Agriculture	862	697	165	808	656	152	54	41	13
Nonagricultural industries	12,866	6,507	6,358	11,441	5,740	5,702	1,425	768	657
Unemployed	3,368	1,809	1,559	2,490	1,369	1,122	878	441	437
Looking for full time work	2,513	1,431	1,082	1,828	1,060	767	685	372	313
Looking for part time work	855	378	477	662	308	355	193	71	122
Percent of labor force	19.7	20.1	19.3	16.9	17.6	16.1	37.3	35.3	39.5
Not in labor force	6,881	2,844	4,037	5,245	2,147	3,098	1,636	696	939
Major activity going to school									
Civilian labor force	370	188	183	298	167	132	72	21	51
Employed	195	105	90	175	98	78	20	8	13
Agriculture	9	8	1	11	9	1	--	--	--
Nonagricultural industries	186	97	89	164	88	76	22	9	13
Unemployed	175	82	92	123	69	54	52	13	38
Looking for full time work	56	17	39	32	15	18	24	3	21
Looking for part time work	119	65	53	91	54	36	28	11	17
Percent of labor force	47.2	43.9	50.6	41.3	41.4	41.1	(1)	(1)	(1)
Not in labor force	1,250	600	650	853	424	429	397	176	221
Major activity other									
Civilian labor force	16,726	8,826	7,900	14,441	7,597	6,844	2,285	1,229	1,056
Employed	13,532	7,099	6,433	12,074	6,298	5,776	1,458	801	657
Agriculture	852	689	163	797	647	150	55	42	13
Nonagricultural industries	12,680	6,410	6,270	11,277	5,651	5,626	1,403	759	644
Unemployed	3,194	1,727	1,467	2,367	1,299	1,068	826	428	398
Looking for full time work	2,457	1,414	1,043	1,796	1,046	750	661	368	294
Looking for part time work	737	313	423	571	253	319	165	60	105
Percent of labor force	19.1	19.6	18.6	16.4	17.1	15.6	36.2	34.8	37.8
Not in labor force	5,631	2,244	3,387	4,392	1,723	2,669	1,239	520	718

(1) Percent not shown where base is less than 75,000

A-8. Full- and part-time status of the civilian labor force by sex, age, and race

[Numbers in thousands]

Sex, age, and race	July 1982								
	Full-time labor force					Part-time labor force			
	Total	Employed		Unemployed (looking for full-time work)		Total	Employed on voluntary part time[1]	Unemployed (looking for part-time work)	
		Full time schedules[1]	Part time for economic reasons	Number	Percent of full time labor force			Number	Percent of part-time labor force
TOTAL									
Both sexes, 16 years and over	98,511	82,003	7,035	9,472	9.6	14,015	12,451	1,564	11.2
16 to 21 years	13,214	8,046	2,655	2,513	19.0	3,882	3,026	855	22.0
16 to 19 years	7,504	3,956	1,954	1,594	21.2	3,029	2,296	732	24.2
16 to 17 years	2,570	1,383	945	542	21.1	1,840	1,351	489	26.6
18 to 19 years	4,933	2,873	1,009	1,052	21.3	1,188	945	243	20.5
20 years and over	91,007	78,047	5,081	7,978	8.7	10,986	10,155	831	7.6
20 to 24 years	15,068	11,506	1,366	2,196	14.6	1,757	1,535	222	12.6
25 years and over	75,938	66,542	3,715	5,683	7.5	9,229	8,621	609	6.6
25 to 54 years	63,832	55,713	3,057	5,063	7.9	6,324	5,836	489	7.7
55 years and over	12,106	10,829	658	620	5.1	2,905	2,785	120	4.1
Males, 16 years and over	59,915	50,583	3,618	5,613	9.4	4,181	3,622	559	13.4
16 to 21 years	7,303	4,492	1,381	1,431	19.6	1,710	1,332	378	22.1
16 to 19 years	4,155	2,252	1,014	889	21.4	1,381	1,039	343	24.8
20 years and over	55,760	48,432	2,604	4,724	8.5	2,799	2,583	216	7.7
20 to 24 years	8,447	6,927	726	1,295	15.3	640	575	65	10.2
25 years and over	47,313	42,005	1,878	3,429	7.2	2,159	2,007	151	7.0
25 to 54 years	39,505	34,917	1,529	3,059	7.7	958	856	103	10.8
55 years and over	7,809	7,088	349	371	4.8	1,201	1,152	48	4.0
Females, 16 years and over	38,596	31,320	3,417	3,859	10.0	9,834	8,830	1,004	10.2
16 to 21 years	5,911	3,554	1,274	1,082	18.3	2,171	1,695	477	22.0
16 to 19 years	3,349	1,704	940	705	21.0	1,647	1,258	390	23.7
20 years and over	35,247	29,616	2,477	3,154	8.9	8,187	7,572	615	7.5
20 to 24 years	6,621	5,379	641	901	13.6	1,116	959	157	14.1
25 years and over	28,626	24,536	1,837	2,254	7.9	7,070	6,613	458	6.5
25 to 54 years	24,328	20,795	1,528	2,005	8.2	5,366	4,980	386	7.2
55 years and over	4,298	3,741	309	249	5.8	1,704	1,633	71	4.2
White									
Males, 16 years and over	52,807	45,498	2,994	4,315	8.2	3,688	3,233	456	12.4
16 to 21 years	6,265	4,066	1,139	1,060	16.9	1,498	1,191	308	20.5
16 to 19 years	3,566	2,070	852	644	18.0	1,209	933	277	22.9
20 years and over	46,242	43,428	2,142	3,672	7.5	2,479	2,300	179	7.2
20 to 24 years	7,257	5,705	584	968	13.3	585	523	62	10.6
25 years and over	41,985	37,722	1,559	2,704	6.4	1,894	1,777	117	6.2
25 to 54 years	35,864	31,209	1,266	2,388	6.8	817	731	86	10.5
55 years and over	7,121	6,513	293	316	4.4	1,077	1,046	31	2.9
Females, 16 years and over	32,523	26,852	2,855	2,817	8.7	8,954	8,164	791	8.8
16 to 21 years	5,054	3,169	1,118	767	15.2	1,921	1,566	355	18.5
16 to 19 years	2,878	1,546	832	500	17.4	1,452	1,161	291	20.0
20 years and over	29,645	25,306	2,023	2,316	7.8	7,503	7,003	500	6.7
20 to 24 years	5,652	4,464	553	635	11.2	985	872	113	11.5
25 years and over	23,993	20,841	1,470	1,681	7.0	6,518	6,130	388	6.0
25 to 54 years	20,207	17,503	1,237	1,467	7.3	4,976	4,647	326	6.6
55 years and over	3,786	3,339	233	214	5.7	1,542	1,483	59	3.8
Black and other									
Males, 16 years and over	7,107	5,186	624	1,298	18.3	493	389	104	21.1
16 to 21 years	1,038	426	242	370	35.7	212	141	71	33.5
16 to 19 years	590	182	162	246	41.7	172	106	66	38.4
20 years and over	6,518	5,004	462	1,052	16.1	321	283	38	11.8
20 to 24 years	1,190	721	142	327	27.5	55	52	3	(2)
25 years and over	5,327	4,283	320	724	13.6	265	231	35	13.2
25 to 54 years	4,641	3,708	263	670	14.4	141	125	16	11.3
55 years and over	686	575	57	54	7.9	124	106	18	14.5
Females, 16 years and over	6,073	4,468	562	1,043	17.2	880	666	213	24.3
16 to 21 years	857	385	156	315	36.8	250	128	122	48.7
16 to 19 years	471	158	108	204	43.5	195	97	99	50.6
20 years and over	5,602	4,310	458	838	15.0	684	570	115	16.8
20 to 24 years	969	615	88	266	27.4	132	87	44	33.6
25 years and over	4,633	3,695	367	572	12.3	552	482	71	12.9
25 to 54 years	4,121	3,292	291	537	13.0	390	333	59	15.1
55 years and over	513	402	76	34	6.6	162	149	12	7.4

[1] Employed persons with a job but not at work are distributed proportionately among the full- and part-time employed categories.

[2] Percent not shown where base is less than 75,000.

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A-9. Employment status of the noninstitutional population by family relationship

(Numbers in thousands)

Family relationship	July 1982									
	Civilian labor force					Not in labor force				
	Total	Percent of population	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
				Number	Percent of labor force					
Total, 16 years and over	112,526	65.3	101,490	11,036	9.8	59,838	32,512	2,190	2,512	22,624
Husbands	39,912	80.0	37,456	2,456	6.2	9,948	160	138	852	8,799
With employed wife	21,386	92.1	20,181	1,205	5.6	1,828	55	61	309	1,402
With unemployed wife	1,722	93.3	1,425	297	17.2	125	2	5	32	86
With wife not in labor force	16,804	67.8	15,850	954	5.7	7,996	103	71	511	7,310
Wives	25,060	50.3	23,213	1,847	7.4	24,800	21,607	203	267	2,722
With employed husband	21,606	57.7	20,181	1,425	6.6	15,850	14,282	167	86	1,315
With unemployed husband	1,502	61.2	1,205	297	19.8	954	875	13	9	56
With husband not in labor force	1,952	19.6	1,828	125	6.4	7,996	6,450	23	172	1,351
Relatives in married-couple families	15,985	71.4	13,290	2,696	16.9	6,415	1,149	1,003	308	3,956
16 to 19 years	7,337	68.3	5,918	1,419	19.3	3,407	306	552	18	2,531
20 to 24 years	5,839	82.3	4,972	867	14.8	1,255	205	394	32	624
25 years and over	2,809	61.6	2,400	410	14.6	1,753	638	57	258	801
Females who maintain families	5,868	60.8	5,137	731	12.5	3,787	2,892	79	158	658
Relatives in families maintained by females	5,408	63.6	4,075	1,332	24.6	3,096	865	366	248	1,617
16 to 19 years	1,805	61.0	1,214	590	32.7	1,153	143	253	16	742
20 to 24 years	1,654	79.4	1,252	402	24.3	430	108	78	13	231
25 years and over	1,949	56.3	1,609	340	17.4	1,513	614	35	219	644
Males who maintain families	1,803	76.5	1,639	164	9.1	554	19	21	62	452
Relatives in families maintained by males	1,497	63.3	1,232	265	17.7	870	397	64	58	351
16 to 19 years	343	64.3	235	107	31.3	190	25	26	-	139
20 to 24 years	469	83.5	376	93	19.8	92	24	32	3	33
25 years and over	685	93.8	621	65	9.5	588	348	6	55	179
Persons living alone	10,371	53.9	9,611	761	7.3	8,877	4,936	158	450	3,334
Males	5,437	72.3	4,949	488	9.0	2,080	137	93	189	1,656
Females	4,934	42.1	4,662	272	5.5	6,798	4,799	65	261	1,678
All others[1]	6,622	81.6	5,837	784	11.8	1,491	447	158	109	735

[1] The majority of these persons are living with nonrelatives. Also included are persons in married-couple families where the husband is in the Armed Forces, persons in secondary families, and some whose family status is unknown.

A-10. Unemployed persons by marital status, race, age, and sex

Marital status, race, and age	Males				Females			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	July 1981	July 1982	July 1981	July 1982	July 1981	July 1982	July 1981	July 1982
Total, 16 years and over	4,259	6,172	6.7	9.6	3,872	4,863	8.2	10.0
Married, spouse present	1,537	2,593	3.8	6.3	1,966	1,928	5.9	7.5
Widowed, divorced, or separated	450	619	8.2	11.1	758	927	8.4	10.3
Single (never married)	2,272	2,960	12.9	16.8	1,648	2,009	12.4	14.6
White, 16 years and over	3,202	4,771	5.7	8.4	2,861	3,607	7.1	8.7
Married, spouse present	1,242	2,152	3.4	5.8	1,233	1,607	5.6	7.1
Widowed, divorced, or separated	328	461	7.2	10.0	529	722	7.3	9.6
Single (never married)	1,631	2,158	10.9	14.5	1,105	1,278	10.0	11.2
Black and other, 16 years and over	1,057	1,401	14.5	18.4	1,010	1,256	15.0	18.1
Married, spouse present	295	442	7.9	11.2	233	321	8.6	11.4
Widowed, divorced, or separated	122	157	13.1	16.2	234	204	13.0	11.9
Single (never married)	641	802	24.3	29.8	543	730	24.3	30.3
Total, 20 to 64 years of age	3,173	4,888	5.7	8.6	2,901	3,736	7.1	9.3
Married, spouse present	1,475	2,539	3.8	6.5	1,375	1,834	5.7	7.8
Widowed, divorced, or separated	445	598	8.5	11.3	717	887	8.7	10.4
Single (never married)	1,253	1,752	10.7	14.4	808	1,015	9.6	11.3
White, 20 to 64 years of age	2,402	3,812	4.9	7.6	2,121	2,789	6.1	7.7
Married, spouse present	1,188	2,103	3.4	5.9	1,150	1,524	5.3	6.9
Widowed, divorced, or separated	323	449	7.4	10.3	490	690	7.5	10.1
Single (never married)	892	1,259	9.0	12.3	480	577	7.0	8.3
Black and other, 20 to 64 years of age	771	1,077	12.1	16.1	781	946	13.1	15.3
Married, spouse present	287	436	7.9	11.4	225	311	8.6	11.3
Widowed, divorced, or separated	122	149	13.6	16.0	227	197	13.3	12.1
Single (never married)	362	492	19.6	25.5	329	438	20.3	24.8

A-11. Unemployed persons by occupation and sex

Occupation	Thousands of persons		Unemployment rates					
			Total		Males		Females	
	July 1981	July 1982	July 1981	July 1982	July 1981	July 1982	July 1981	July 1982
Total, 16 years and over	8,130	11,036	7.3	9.8	6.7	9.6	8.2	10.0
White-collar workers	2,308	2,864	4.2	5.1	2.6	3.9	5.5	6.1
Professional and technical	525	670	3.2	3.9	2.2	3.3	4.5	4.6
Managers and administrators, except farm	313	432	2.6	3.6	1.8	3.2	4.5	4.5
Sales workers	324	373	4.8	5.3	2.9	4.5	7.1	6.4
Clerical workers	1,145	1,390	5.8	6.9	5.2	6.0	5.9	7.2
Blue-collar workers	3,189	4,725	8.8	13.3	8.1	12.5	11.9	16.5
Craft and kindred workers	806	1,288	5.7	9.2	5.7	9.2	6.1	9.1
Carpenters and other construction craft workers	379	591	8.5	13.1	8.7	13.1	1.9	15.3
All other	427	697	4.4	7.4	4.2	7.3	6.7	8.3
Operatives, except transport	1,366	2,009	11.2	17.3	10.2	17.0	12.6	17.8
Transport equipment operatives	274	435	7.2	11.2	6.8	11.3	11.9	10.1
Nonfarm laborers	743	993	12.4	16.0	12.2	15.5	13.6	20.9
Construction laborers	253	270	20.9	24.0	20.8	23.2	(1)	(1)
All other	490	723	10.2	14.3	9.8	13.6	13.1	19.5
Service workers	1,257	1,716	8.3	10.9	9.0	11.6	7.9	10.6
Private household	56	91	5.1	8.1	(1)	(1)	5.0	7.2
All other	1,201	1,624	8.6	11.2	9.0	11.4	8.3	11.0
Farm workers	130	173	3.9	5.1	3.0	4.5	7.3	7.4
No previous work experience	1,245	1,559	--	--	--	--	--	--
16 to 19 years	964	1,190	--	--	--	--	--	--
20 to 24 years	189	284	--	--	--	--	--	--
25 years and over	94	125	--	--	--	--	--	--

[1] Percent not shown where base is less than 75,000.

A-12. Unemployed persons by industry and sex

Industry	Percent distribution		Unemployment rates					
			Total		Males		Females	
	July 1981	July 1982	July 1981	July 1982	July 1981	July 1982	July 1981	July 1982
Total, 16 years and over	100.0	100.0	7.3	9.8	6.7	9.6	8.2	10.0
Nonagricultural private wage and salary workers	70.4	74.2	7.0	9.9	6.6	10.2	7.5	9.5
Mining	.9	1.7	5.8	15.8	6.1	17.3	4.4	6.6
Construction	8.2	8.0	12.1	16.3	12.3	16.8	8.8	10.9
Manufacturing	21.6	25.6	7.5	12.3	6.3	11.5	10.1	13.9
Durable goods	13.1	16.7	7.6	13.5	6.8	13.0	9.9	15.0
Lumber and wood products	.9	1.0	9.8	16.1	8.4	15.2	18.7	20.9
Furniture and fixtures	.6	.7	8.3	14.4	5.4	11.9	14.2	19.2
Stone, clay, and glass products	.4	.7	4.7	13.1	5.0	11.3	3.6	18.6
Primary metal industries	1.3	2.2	8.4	21.0	8.6	21.1	6.9	19.8
Fabricated metal products	1.7	2.4	9.0	17.5	8.3	16.8	11.6	19.9
Machinery, except electrical equipment	2.2	3.0	5.8	11.5	5.2	11.9	8.1	10.1
Electrical equipment	1.9	2.2	6.3	9.5	4.2	6.8	8.8	13.0
Transportation equipment	2.9	2.9	10.8	14.6	9.4	13.6	13.2	19.9
Automobiles	2.0	1.7	14.1	18.2	12.3	16.1	25.0	28.8
Other transportation equipment	.9	1.2	6.2	11.4	6.5	11.3	4.5	12.1
Instruments and related products	.4	.5	4.9	7.9	4.0	6.5	6.9	9.7
Other durable goods industries	.9	1.1	9.6	14.6	6.4	12.3	14.2	18.0
Nondurable goods	8.5	8.9	7.4	10.5	5.3	8.8	10.3	12.9
Food and kindred products	2.2	1.9	9.0	10.9	6.5	8.6	14.7	15.9
Textile mill products	.9	1.5	8.7	19.6	6.9	19.3	10.5	19.9
Apparel and other textile products	2.0	1.7	11.2	14.1	13.1	10.9	10.7	14.9
Paper and allied products	.3	.5	2.9	7.6	2.3	7.3	5.1	8.9
Printing and publishing	1.0	1.0	4.9	6.9	3.7	7.4	6.5	6.2
Chemicals and allied products	.7	.7	4.4	5.6	3.3	4.6	7.1	8.1
Rubber and plastics products	.8	1.0	9.0	13.6	5.3	10.7	16.0	18.3
Other nondurable goods industries	.7	.6	8.1	9.4	6.7	10.3	10.3	8.6
Transportation and public utilities	3.0	3.3	4.2	6.0	4.4	6.4	3.6	5.2
Railroads and railway express	.3	.6	3.9	12.4	4.0	12.3	(1)	(1)
Other transportation	2.1	2.1	6.2	8.5	6.6	8.8	4.7	7.4
Communication and other public utilities	.7	.5	2.1	2.2	1.6	1.5	2.9	3.3
Wholesale and retail trade	19.5	19.6	7.7	10.2	6.5	9.4	9.1	11.1
Finance, insurance, and real estate	2.5	2.7	3.5	5.0	3.1	4.0	3.7	5.6
Service industries	14.7	13.5	6.2	7.3	5.9	7.5	6.3	7.2
Professional services	6.5	5.8	4.8	5.6	4.1	5.5	5.1	5.7
All other service industries	8.2	7.7	8.0	9.6	7.4	9.1	8.5	10.0
Agricultural wage and salary workers	2.2	2.2	8.9	11.4	7.6	10.0	13.6	16.7
All other classes of workers	12.1	9.4	3.8	4.0	3.1	3.3	4.8	4.9
No previous work experience	15.3	14.1	--	--	--	--	--	--

[1] Percent not shown where base is less than 75,000.

HOUSEHOLD DATA

A-13. Unemployed persons by reason for unemployment, sex, age, and race

Reason for unemployment	Total unemployed		Males, 20 years and over		Females, 20 years and over		Both sexes, 16 to 19 years		White		Black and other	
	July 1981	July 1982	July 1981	July 1982	July 1981	July 1982	July 1981	July 1982	July 1981	July 1982	July 1981	July 1982
NUMBER OF UNEMPLOYED												
Total unemployed, in thousands	8,130	11,036	3,221	4,940	2,938	3,769	1,971	2,326	6,063	8,378	2,067	2,658
Job losers	3,809	6,078	2,189	3,811	1,286	1,850	334	417	2,901	4,752	833	1,326
On layoff	1,203	2,023	724	1,298	426	633	53	96	998	1,667	205	356
Other job losers	2,606	4,055	1,465	2,517	860	1,217	281	321	1,903	3,085	733	970
Job leavers	977	854	352	314	450	407	175	133	776	740	201	114
Reentrants	2,101	2,553	573	657	1,028	1,304	500	592	1,558	1,918	547	635
New entrants	1,243	1,551	107	159	174	208	963	1,184	832	969	411	582
PERCENT DISTRIBUTION												
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers	46.9	55.0	68.0	77.1	43.8	49.1	16.9	17.9	47.9	56.7	41.9	49.9
On layoff	14.8	18.3	22.5	26.2	14.5	16.8	2.7	4.1	16.5	19.9	9.9	13.4
Other job losers	32.1	36.7	45.5	50.9	29.3	32.3	14.2	13.8	31.4	36.8	34.3	36.5
Job leavers	12.0	7.7	10.9	6.4	15.3	10.8	8.9	5.7	12.8	8.8	9.7	4.3
Reentrants	25.8	23.1	17.8	13.3	35.0	34.6	25.4	25.5	25.6	22.9	26.5	23.9
New entrants	15.3	14.1	3.3	3.2	5.9	5.5	48.8	50.9	13.7	11.6	19.9	21.9
UNEMPLOYMENT RATE												
Total unemployment rate	7.3	9.8	5.6	8.4	7.0	8.7	17.9	22.1	6.3	8.6	14.7	18.7
Job loser rate[1]	3.5	5.4	3.8	6.5	3.0	4.3	3.1	3.9	3.0	4.8	5.5	9.1
Job leaver rate[1]	.9	.8	.6	.5	1.1	.9	1.6	1.3	.8	.8	1.4	.8
Reentrant rate[1]	1.9	2.3	1.0	1.1	2.4	3.0	8.5	5.6	1.6	2.0	3.9	4.4
New entrant rate[1]	1.1	1.4	.2	.3	.4	.5	8.7	11.2	.9	1.0	2.9	4.0

[1] Unemployment rates are calculated as a percent of the civilian labor force.

A-14. Unemployed persons by reason for unemployment, sex, age, and duration of unemployment

[Percent distribution]

Reason, sex, and age	July 1982						
	Total unemployed		Duration of unemployment				
	Thousands of persons	Percent	Less than 5 weeks	5 to 14 weeks	15 weeks and over		
					Total	15 to 26 weeks	27 weeks and over
Total, 16 years and over	11,036	100.0	38.0	32.7	29.2	12.5	16.8
Job losers	6,078	100.0	31.4	30.8	37.8	15.7	22.1
On layoff	2,023	100.0	43.8	29.8	26.4	10.8	15.5
Other job losers	4,055	100.0	25.2	31.2	43.6	18.2	25.4
Job leavers	854	100.0	44.4	28.6	27.0	13.9	13.2
Reentrants	2,553	100.0	47.7	34.0	18.3	8.7	9.6
New entrants	1,551	100.0	46.6	40.7	18.6	5.2	9.4
Males, 20 years and over	4,940	100.0	32.4	29.5	38.2	15.2	23.0
Job losers	3,811	100.0	30.4	28.7	40.9	15.8	25.1
On layoff	1,298	100.0	42.6	28.6	28.9	11.4	17.4
Other job losers	2,517	100.0	24.2	28.7	47.1	18.1	29.0
Job leavers	314	100.0	38.1	29.8	32.1	15.9	16.2
Reentrants	657	100.0	39.8	32.1	28.1	12.9	15.3
New entrants	159	100.0	37.0	36.8	26.2	8.6	17.6
Females, 20 years and over	3,769	100.0	40.3	31.6	28.1	12.9	15.1
Job losers	1,850	100.0	31.6	33.3	35.1	16.0	19.1
On layoff	633	100.0	41.9	34.4	23.7	10.4	13.3
Other job losers	1,217	100.0	26.2	32.8	41.0	18.9	22.1
Job leavers	407	100.0	46.6	25.6	27.8	13.8	14.0
Reentrants	1,304	100.0	51.0	31.4	17.6	8.5	9.1
New entrants	208	100.0	38.5	29.7	31.8	11.4	20.4
Both sexes, 16 to 19 years	2,326	100.0	46.4	41.5	12.1	6.0	6.1
Job losers	417	100.0	39.1	38.7	22.2	13.6	8.6
On layoff	96	100.0	73.4	16.2	10.3	5.2	5.2
Other job losers	321	100.0	28.8	45.5	25.8	16.1	9.7
Job leavers	133	100.0	52.3	34.8	12.8	9.3	3.6
Reentrants	592	100.0	49.4	41.6	9.0	4.4	4.5
New entrants	1,184	100.0	46.7	43.2	10.1	3.7	6.3

A-15. Unemployed jobseekers by sex, age, race, and jobsearch methods used

Sex, age, and race	July 1982								
	Thousands of persons		Methods used as a percent of total jobseekers						
	Total unemployed	Total jobseekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives	Other	Average number of methods used
Total, 16 years and over	11,036	8,861	23.1	5.7	77.5	35.8	17.4	4.0	1.63
16 to 19 years	2,326	2,200	16.0	3.7	79.5	30.9	15.8	2.7	1.49
20 to 24 years	2,418	2,039	25.6	6.3	80.1	37.5	15.5	3.5	1.69
25 to 34 years	3,155	2,363	26.1	7.0	77.1	38.7	19.6	3.0	1.72
35 to 44 years	1,846	1,095	25.8	5.6	73.0	38.7	17.6	6.4	1.67
45 to 54 years	951	647	23.3	7.4	74.0	33.7	17.8	6.2	1.62
55 to 64 years	654	459	22.9	4.1	74.3	33.3	18.5	8.7	1.62
65 years and over	85	59	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Males, 16 years and over	6,172	4,719	26.4	5.9	78.2	33.5	19.4	5.1	1.69
16 to 19 years	1,232	1,156	17.0	3.7	81.7	28.7	18.3	2.5	1.52
20 to 24 years	1,360	1,100	30.8	6.3	81.0	33.2	17.9	4.1	1.73
25 to 34 years	1,821	1,258	30.5	6.9	76.5	38.3	21.5	3.8	1.78
35 to 44 years	811	560	30.5	6.3	74.1	35.5	21.2	9.3	1.77
45 to 54 years	529	353	28.9	9.6	74.8	31.2	17.8	8.2	1.71
55 to 64 years	367	258	21.7	3.9	74.8	31.4	18.2	12.4	1.62
65 years and over	52	34	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Females, 16 years and over	4,863	4,142	19.2	5.5	76.6	38.4	15.1	2.9	1.59
16 to 19 years	1,094	1,044	14.9	3.7	77.1	33.2	13.0	3.0	1.45
20 to 24 years	1,058	938	20.1	6.4	79.1	42.5	12.7	2.9	1.64
25 to 34 years	1,334	1,104	21.2	7.1	77.9	39.9	17.5	2.1	1.65
35 to 44 years	635	535	20.9	4.9	71.8	42.1	13.8	3.4	1.57
45 to 54 years	422	294	16.7	4.8	72.8	36.7	18.0	3.7	1.53
55 to 64 years	287	201	24.9	5.0	74.6	35.8	18.9	4.5	1.68
65 years and over	33	24	(1)	(1)	(1)	(1)	(1)	(1)	(1)
White, 16 years and over	8,378	6,574	20.8	6.0	77.9	38.7	17.9	3.9	1.65
Males	4,771	3,559	24.2	6.4	78.6	36.4	19.8	5.3	1.71
Females	3,607	3,015	16.8	5.4	76.9	41.4	15.6	2.3	1.59
Black and other, 16 years and over	2,658	2,287	29.5	4.9	76.3	27.8	16.0	4.4	1.53
Males	1,401	1,161	33.2	4.2	76.9	24.5	18.3	4.3	1.61
Females	1,256	1,126	25.7	5.7	75.6	30.5	13.6	4.5	1.56

(1) Percent not shown where base is less than 75,000.

NOTE: The jobseekers total is less than the total unemployed because persons on layoff or waiting to begin a new wage and salary job within 30 days are not actually seeking jobs. It should also be noted that the percent using each method will always total more than 100 because many jobseekers use more than one method.

A-16. Unemployed jobseekers by sex, reason for unemployment, and jobsearch methods used

Sex and reason	July 1982								
	Thousands of persons		Methods used as a percent of total jobseekers						
	Total unemployed	Total jobseekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives	Other	Average number of methods used
Total, 16 years and over	11,036	8,861	23.1	5.7	77.5	35.8	17.4	4.0	1.63
Job losers	6,078	4,043	30.5	6.9	78.0	37.1	18.3	4.6	1.75
Job leavers	858	847	17.8	6.8	73.8	42.5	14.2	2.8	1.57
Reentrants	2,553	2,432	17.0	4.6	76.6	34.9	17.8	4.5	1.55
New entrants	1,551	1,538	15.8	3.8	79.5	30.1	16.1	2.9	1.49
Males, 16 years and over	6,172	4,719	26.4	5.9	78.2	33.5	19.4	5.1	1.68
Job losers	4,093	2,704	32.7	6.8	77.7	35.5	20.3	5.5	1.79
Job leavers	369	355	21.7	8.2	67.6	45.9	15.8	3.1	1.62
Reentrants	976	917	19.1	4.4	79.8	26.8	18.8	6.8	1.56
New entrants	744	743	14.9	3.8	83.2	28.5	18.6	2.3	1.51
Females, 16 years and over	4,863	4,142	19.2	5.5	76.6	38.4	15.1	2.9	1.58
Job losers	1,984	1,339	26.2	6.9	78.6	40.4	16.3	2.8	1.69
Job leavers	486	492	15.0	5.9	78.3	40.0	13.0	2.0	1.54
Reentrants	1,577	1,515	15.8	4.7	74.5	39.7	17.3	3.1	1.55
New entrants	807	795	16.6	4.3	76.0	31.6	13.7	3.4	1.46

NOTE: See note, table A-15.

HOUSEHOLD DATA

A-17. Unemployed persons by duration of unemployment

Duration of unemployment	Total				Full-time workers			
	Thousands of persons		Percent distribution		Thousands of persons		Percent distribution	
	July 1981	July 1982	July 1981	July 1982	July 1981	July 1982	July 1981	July 1982
Total, 16 years and over	8,130	11,036	100.0	100.0	6,913	9,472	100.0	100.0
Less than 5 weeks	3,520	4,197	43.3	38.0	2,858	3,333	41.3	35.2
5 to 14 weeks	2,655	3,613	32.7	32.7	2,235	3,087	32.3	32.6
5 to 10 weeks	2,122	2,809	26.1	25.5	1,781	2,343	25.8	24.7
11 to 14 weeks	533	804	6.6	7.3	453	744	6.6	7.9
15 weeks and over	1,955	3,226	24.0	29.2	1,821	3,052	26.3	32.2
15 to 26 weeks	841	1,377	10.3	12.5	785	1,299	11.4	13.7
27 weeks and over	1,114	1,849	13.7	16.8	1,036	1,753	15.0	18.5
27 to 51 weeks	581	1,120	7.1	10.1	548	1,055	7.9	11.1
52 weeks and over	533	729	6.6	6.6	488	698	7.1	7.4
Average (mean) duration, in weeks	12.9	14.4	--	--	13.6	15.5	--	--
Median duration, in weeks	6.2	7.4	--	--	6.6	8.3	--	--

A-18. Unemployed persons by sex, age, race, marital status, and duration of unemployment

Sex, age, race, and marital status	Thousands of persons					Average (mean) duration, in weeks	Median duration, in weeks	Less than 5 weeks as a percent of unemployed in group		15 weeks and over as a percent of unemployed in group	
	Total	Less than 5 weeks	5 to 14 weeks	15 to 26 weeks	27 weeks and over						
	July 1982							July 1981	July 1982	July 1981	July 1982
Total, 16 years and over	11,036	4,197	3,613	1,377	1,849	14.4	7.4	43.3	38.0	24.0	29.2
16 to 21 years	3,368	1,512	1,296	273	288	9.9	5.7	50.2	44.9	13.6	16.6
16 to 19 years	2,326	1,079	965	139	143	8.5	5.4	52.6	46.4	10.0	12.1
20 to 24 years	2,418	971	748	341	358	13.4	7.5	43.4	40.1	22.5	28.6
25 to 34 years	3,155	1,086	1,009	428	633	16.2	8.7	38.7	34.4	33.1	33.6
35 to 44 years	1,446	522	400	224	300	17.1	8.7	40.9	36.1	33.5	36.2
45 to 54 years	951	322	272	136	222	17.7	9.9	37.8	33.8	29.7	37.6
55 to 64 years	654	197	190	93	172	19.1	10.9	38.1	30.1	38.6	49.7
65 years and over	85	22	28	15	21	20.0	12.4	39.5	25.5	34.7	42.1
Males, 16 years and over	6,172	2,138	1,976	832	1,227	16.1	8.4	39.5	34.6	28.1	33.3
16 to 21 years	1,809	757	713	166	173	10.8	6.0	46.1	41.9	16.4	19.8
16 to 19 years	1,232	539	520	81	92	9.3	5.7	49.9	43.7	12.2	14.0
20 to 24 years	1,360	502	414	223	221	14.6	8.6	38.5	36.9	23.8	32.6
25 to 34 years	1,821	534	581	257	449	18.5	10.4	35.5	29.3	34.4	38.8
35 to 44 years	811	269	210	134	198	19.6	10.3	37.5	33.2	38.9	40.9
45 to 54 years	529	177	124	80	147	19.1	10.5	31.5	33.5	32.4	41.0
55 to 64 years	367	100	108	51	108	20.9	12.4	34.9	27.1	38.9	43.5
65 years and over	52	17	18	5	12	17.6	7.0	(1)	(1)	(1)	(1)
Females, 16 years and over	4,863	2,059	1,637	545	622	12.2	6.5	47.8	42.3	18.5	24.0
16 to 21 years	1,559	754	584	106	115	8.8	5.2	54.8	48.4	11.5	14.2
16 to 19 years	1,094	540	445	58	51	7.6	5.1	55.5	49.3	8.8	10.0
20 to 24 years	1,058	469	334	118	137	11.8	6.4	48.7	44.3	16.7	24.1
25 to 34 years	1,334	551	428	170	185	13.0	7.0	42.0	41.3	25.5	26.6
35 to 44 years	635	253	190	90	102	14.0	7.0	44.7	39.8	23.2	30.3
45 to 54 years	422	144	148	56	74	16.1	9.4	45.0	36.2	26.5	30.8
55 to 64 years	287	97	82	43	64	16.9	9.4	43.2	38.0	38.2	37.3
65 years and over	33	5	10	10	9	23.7	17.1	(1)	(1)	(1)	(1)
White, 16 years and over	8,378	3,237	2,737	1,055	1,349	13.9	7.2	44.3	38.6	22.9	28.7
Males	4,771	1,693	1,518	656	904	15.6	8.1	40.4	35.5	27.6	32.7
Females	3,607	1,545	1,219	399	445	11.7	6.4	48.7	42.8	17.7	23.4
Black and other, 16 years and over	2,658	960	876	322	500	16.0	7.9	40.4	36.1	27.8	33.9
Males	1,401	445	458	176	323	18.1	9.2	37.0	31.8	29.9	35.6
Females	1,256	515	418	146	177	13.6	6.8	43.9	41.0	24.8	25.8
Males, 16 years and over:											
Married, spouse present	2,593	810	759	404	621	18.3	10.3	36.8	31.2	34.9	39.5
Widowed, divorced, or separated	619	221	161	76	161	18.5	9.2	38.2	35.7	31.9	38.7
Single (never married)	2,960	1,108	1,056	352	445	13.7	7.0	41.7	37.4	22.0	26.9
Females, 16 years and over:											
Married, spouse present	1,928	813	627	236	252	12.5	6.8	49.3	42.2	21.7	25.3
Widowed, divorced, or separated	927	353	271	126	177	15.3	8.2	39.7	38.1	28.3	33.7
Single (never married)	2,009	893	739	183	193	10.5	5.8	49.3	44.5	13.6	18.7

[1] Percent not shown where base is less than 75,000.

A-19. Unemployed persons by occupation, industry, and duration of unemployment

Occupation and industry	Thousands of persons					Average (mean) duration, in weeks	Median duration, in weeks	Less than 5 weeks as a percent of unemployed in group		15 weeks and over as a percent of unemployed in group	
	Total	Less than 5 weeks	5 to 14 weeks	15 to 26 weeks	27 weeks and over						
	July 1982							July 1981	July 1982	July 1981	July 1982
OCCUPATION											
White-collar workers	2,864	1,141	977	354	391	13.0	7.0	42.1	39.9	23.0	26.0
Professional and managerial	1,102	422	362	141	177	14.0	7.3	41.9	38.3	23.4	28.9
Sales workers	373	155	109	51	58	14.4	6.7	40.2	41.7	22.9	29.1
Clerical workers	1,390	564	507	163	156	11.8	6.8	42.7	40.6	22.8	23.0
Blue-collar workers	4,725	1,566	1,386	763	1,009	17.0	9.7	41.8	33.1	30.2	37.9
Craft and kindred workers	1,288	489	400	197	283	16.6	9.5	37.7	31.7	34.1	37.2
Operatives, except transport	2,009	708	557	353	390	16.0	9.7	43.2	35.3	28.5	37.0
Transport equipment operatives	435	123	129	72	112	20.7	10.2	42.7	28.3	39.4	42.2
Nonfarm laborers	993	326	300	142	225	18.1	9.6	43.4	32.9	28.9	36.9
Service workers	1,716	699	574	171	272	13.8	6.5	48.7	40.7	21.4	25.8
INDUSTRY[1]											
Agriculture	243	127	63	13	39	11.5	4.8	51.2	52.5	15.1	21.5
Construction	858	304	251	145	198	17.2	9.5	41.1	33.8	31.3	38.2
Manufacturing	2,826	904	807	492	622	17.4	10.2	39.9	32.0	31.4	39.8
Durable goods	1,841	560	505	340	436	18.2	10.8	38.8	30.4	34.0	42.2
Nondurable goods	985	344	302	153	186	15.9	9.2	41.6	34.9	27.3	34.4
Transportation and public utilities	410	136	133	57	83	17.0	9.1	46.0	33.1	28.3	34.3
Wholesale and retail trade	2,171	678	749	263	282	12.4	6.7	48.0	40.4	22.6	25.1
Finance and service industries	2,339	919	787	269	364	14.1	7.1	44.7	39.3	21.4	27.1
Public administration	194	69	62	16	47	18.0	7.7	31.7	35.7	29.6	32.4
No previous work experience	1,559	699	633	81	146	10.0	5.6	47.2	44.9	13.9	14.6

[1] Includes wage and salary workers only

A-20. Employed persons by industry, age, and sex

(In thousands)

Industry and age	Total		Males		Females	
	July 1981	July 1982	July 1981	July 1982	July 1981	July 1982
All industries	102,612	101,490	59,406	57,923	43,206	43,567
16 to 19 years	9,038	8,206	4,880	4,304	4,158	3,902
16 to 17 years	3,882	3,380	2,137	1,806	1,745	1,574
18 to 19 years	5,155	4,826	2,743	2,498	2,412	2,328
20 to 24 years	14,961	14,407	8,156	7,728	6,805	6,679
25 to 54 years	64,210	64,605	37,622	37,301	26,588	27,303
25 to 34 years	28,109	27,867	16,459	16,054	11,650	11,813
35 to 44 years	20,002	20,814	11,642	11,988	8,360	8,825
45 to 54 years	16,099	15,924	9,520	9,259	6,578	6,665
55 to 64 years	11,472	11,331	6,944	6,795	4,528	4,536
55 to 59 years	7,092	6,980	4,223	4,176	2,869	2,805
60 to 64 years	4,380	4,351	2,721	2,620	1,659	1,731
65 years and over	2,931	2,941	1,804	1,794	1,128	1,146
Nonagricultural industries	98,732	97,467	56,372	54,767	42,360	42,700
16 to 19 years	8,943	7,574	4,389	3,791	4,054	3,783
16 to 17 years	3,543	3,032	1,857	1,517	1,686	1,515
18 to 19 years	4,900	4,542	2,532	2,273	2,368	2,268
20 to 24 years	14,405	13,876	7,695	7,312	6,711	6,564
25 to 54 years	62,308	62,558	36,224	35,756	26,086	26,802
25 to 34 years	27,350	26,986	15,873	15,351	11,477	11,636
35 to 44 years	19,396	20,220	11,224	11,574	8,171	8,646
45 to 54 years	15,562	15,352	9,125	8,832	6,437	6,520
55 to 64 years	10,951	10,836	6,529	6,394	4,422	4,442
55 to 59 years	6,815	6,707	4,004	3,955	2,810	2,752
60 to 64 years	4,136	4,130	2,524	2,439	1,612	1,690
65 years and over	2,624	2,623	1,536	1,514	1,088	1,108
Agriculture	3,879	4,023	3,034	3,156	846	867
16 to 19 years	594	632	493	514	104	119
16 to 17 years	339	348	279	289	60	59
18 to 19 years	255	285	211	225	44	60
20 to 24 years	556	531	462	416	94	115
25 to 54 years	1,901	2,047	1,398	1,545	502	502
25 to 34 years	759	881	586	704	173	178
35 to 44 years	606	594	418	415	188	179
45 to 54 years	536	572	395	427	141	144
55 to 64 years	521	495	416	401	105	94
55 to 59 years	278	274	219	221	59	53
60 to 64 years	244	221	197	180	47	41
65 years and over	307	318	268	280	39	38

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A-21. Employed persons by occupation, sex, and age

(In thousands)

Occupation	Total		Males, 20 years and over		Females, 20 years and over		Males, 16-19 years		Females, 16-19 years	
	July 1981	July 1982	July 1981	July 1982	July 1981	July 1982	July 1981	July 1982	July 1981	July 1982
TOTAL	102,612	101,490	54,526	53,619	39,048	39,665	4,880	4,304	4,158	3,902
White collar workers	52,651	53,413	23,818	24,037	25,883	26,709	782	705	2,099	1,962
Professional and technical	15,731	16,635	8,784	9,186	6,654	7,204	141	105	152	140
Health workers	3,094	3,321	988	1,063	2,087	2,245	3	1	15	12
Teachers, except college	2,496	2,601	696	704	1,775	1,879	9	--	12	10
Other professional and technical	10,141	10,713	7,100	7,419	2,788	3,080	129	104	125	109
Managers and administrators, except farm	11,785	11,559	8,468	8,189	3,191	3,253	63	55	64	62
Salaried workers	9,731	9,722	6,913	6,869	2,700	2,740	54	52	63	60
Self-employed workers in retail trade	845	808	534	492	308	311	2	2	1	2
Self-employed workers, except retail trade	1,209	1,029	1,020	827	182	200	7	1	--	--
Sales workers	6,412	6,600	3,292	3,336	2,460	2,547	228	248	437	468
Retail trade	3,257	3,353	1,047	1,064	1,688	1,681	157	173	435	436
Other industries	3,155	3,246	2,245	2,272	812	867	67	76	31	32
Clerical workers	18,723	18,619	3,344	3,327	13,579	13,704	354	296	1,446	1,292
Stenographers, typists, and secretaries	5,078	4,920	67	77	4,626	4,566	8	6	378	271
Other clerical workers	13,645	13,699	3,277	3,250	8,953	9,138	346	290	1,068	1,021
Blue collar workers	32,917	30,894	24,370	23,149	5,575	5,259	2,572	2,137	401	349
Craft and kindred workers	13,276	12,681	11,915	11,375	773	838	546	437	43	32
Carpenters	1,188	1,105	1,074	1,028	22	16	89	61	3	--
Construction craft workers, except carpenters	2,872	2,806	2,617	2,584	61	69	176	148	18	9
Mechanics and repairers	3,478	3,351	3,244	3,145	67	58	167	142	1	6
Metal craft workers	1,376	1,219	1,288	1,168	55	36	33	15	--	--
Blue collar worker supervisors, not elsewhere classified	1,860	1,710	1,652	1,482	199	225	8	3	1	--
All other	2,501	2,490	2,039	1,968	369	433	73	73	20	16
Operatives, except transport	10,855	9,576	5,942	5,260	4,102	3,703	608	421	203	192
Durable goods manufacturing	4,725	3,949	2,949	2,440	1,554	1,385	150	89	73	36
Nondurable goods manufacturing	3,401	3,153	1,305	1,232	1,871	1,762	135	59	90	100
Other industries	2,729	2,474	1,689	1,589	676	555	323	273	40	57
Transport equipment operatives	3,516	3,436	3,081	3,017	285	266	133	145	16	8
Drivers, motor vehicles	2,979	2,926	2,593	2,563	260	237	112	121	13	6
All other	537	509	488	454	25	29	21	25	3	2
Nonfarm laborers	5,270	5,202	3,432	3,497	415	453	1,285	1,135	139	117
Construction	955	857	725	672	7	13	215	166	8	5
Manufacturing	1,031	860	783	688	124	107	111	60	13	4
Other industries	3,284	3,485	1,924	2,136	284	333	959	909	117	108
Service workers	13,840	13,960	4,113	4,285	7,023	7,132	1,132	1,041	1,573	1,503
Private household workers	1,048	1,040	21	16	769	736	15	10	233	278
Service workers, except private household	12,792	12,920	4,092	4,269	6,254	6,396	1,117	1,032	1,339	1,225
Food service workers	4,842	4,869	957	1,025	2,359	2,408	674	620	352	315
Protective service workers	1,432	1,521	1,261	1,339	135	150	27	30	8	2
All other	6,518	6,530	1,874	1,905	3,760	3,838	416	382	479	408
Farm workers	3,203	3,222	2,155	2,148	568	565	395	421	85	88
Farmers and farm managers	1,551	1,554	1,325	1,323	207	211	16	19	3	2
Farm laborers and supervisors	1,652	1,668	830	825	361	355	378	401	82	86
Paid workers	1,328	1,342	794	782	163	167	308	326	63	67
Unpaid family workers	323	325	35	43	198	188	70	75	20	19

A-22. Employed persons by occupation, race, and sex

[Percent distribution]

Occupation and race	Total		Males		Females	
	July 1981	July 1982	July 1981	July 1982	July 1981	July 1982
TOTAL						
Total, 16 years and over (thousands)	102,612	101,490	59,406	57,923	43,206	43,567
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	51.3	52.6	41.5	42.7	64.8	65.8
Professional and technical	15.3	16.4	15.0	15.0	15.8	16.9
Managers and administrators, except farm	11.5	11.4	14.4	14.2	7.5	7.6
Sales workers	6.2	6.5	5.9	6.2	6.7	6.9
Clerical workers	18.2	18.3	6.2	6.3	34.8	34.4
Blue-collar workers	32.1	30.4	45.4	43.7	13.8	12.9
Craft and kindred workers	12.9	12.5	21.0	20.4	1.9	2.0
Operatives, except transport	10.6	9.4	11.0	9.8	10.0	8.9
Transport equipment operatives	3.4	3.4	5.4	5.5	.7	.6
Nonfarm laborers	5.1	5.1	7.9	8.0	1.3	1.3
Service workers	13.5	13.8	8.8	9.2	19.9	19.8
Private household workers	1.0	1.0	.1	(1)	2.3	2.3
Other service workers	12.5	12.7	8.8	9.1	17.6	17.5
Farm workers	3.1	3.2	4.3	4.4	1.5	1.5
Farmers and farm managers	1.5	1.5	2.3	2.3	.5	.5
Farm laborers and supervisors	1.6	1.6	2.0	2.1	1.0	1.0
White						
Total, 16 years and over (thousands)	90,637	89,595	53,150	51,725	37,486	37,870
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	52.8	54.3	42.9	44.3	66.8	67.9
Professional and technical	15.5	16.7	15.3	16.5	15.8	17.0
Managers and administrators, except farm	12.2	12.2	15.2	15.1	8.0	8.1
Sales workers	6.7	7.0	6.3	6.6	7.3	7.5
Clerical workers	18.3	18.4	6.1	6.0	35.7	35.2
Blue-collar workers	31.6	29.9	44.7	42.9	13.1	12.2
Craft and kindred workers	13.4	12.9	21.5	20.9	1.9	2.1
Operatives, except transport	10.0	8.9	10.6	9.4	9.2	8.3
Transport equipment operatives	3.3	3.3	5.2	5.2	.7	.6
Nonfarm laborers	4.9	4.8	7.4	7.4	1.3	1.2
Service workers	12.3	12.5	7.9	8.2	18.5	18.3
Private household workers	.8	.8	.1	(1)	1.8	1.9
Other service workers	11.5	11.6	7.9	8.1	16.7	16.4
Farm workers	3.3	3.4	4.5	4.7	1.6	1.6
Farmers and farm managers	1.7	1.7	2.5	2.5	.5	.5
Farm laborers and supervisors	1.6	1.7	2.0	2.1	1.1	1.0
Black and other						
Total, 16 years and over (thousands)	11,975	11,895	6,256	6,199	5,719	5,696
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	40.2	40.3	30.0	29.5	51.3	52.2
Professional and technical	13.8	13.8	12.5	12.0	15.2	15.7
Managers and administrators, except farm	5.8	5.4	7.2	6.6	4.2	4.0
Sales workers	2.9	3.0	2.9	2.9	2.9	3.1
Clerical workers	17.7	18.2	7.4	8.0	29.0	29.3
Blue-collar workers	35.7	34.5	51.2	50.4	18.7	17.2
Craft and kindred workers	9.5	9.2	16.6	16.3	1.7	1.5
Operatives, except transport	15.0	13.3	14.9	13.4	15.0	13.1
Transport equipment operatives	4.3	4.2	7.6	7.4	.7	.7
Nonfarm laborers	7.0	7.8	12.1	13.2	1.3	1.9
Service workers	22.6	23.3	16.5	17.6	29.2	29.6
Private household workers	2.9	2.9	(1)	(1)	6.1	5.9
Other service workers	19.6	20.9	16.5	17.5	23.1	24.6
Farm workers	1.6	1.8	2.3	2.6	.8	.9
Farmers and farm managers	.3	.3	.4	.4	.1	.1
Farm laborers and supervisors	1.3	1.5	1.9	2.2	.7	.8

[1] Less than 0.05 percent.

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A-23. Employed persons by age, sex, and class of worker

(In thousands)

Age and sex	July 1982								
	Nonagricultural industries						Agriculture		
	Wage and salary workers				Self employed	Unpaid family workers	Wage and salary workers	Self employed	Unpaid family workers
	Total	Private household workers	Government	Other					
Total, 16 years and over	89,655	1,307	14,964	73,384	7,377	436	1,887	1,795	341
16 to 19 years	7,408	416	700	6,291	115	51	471	67	94
16 to 17 years	2,947	304	273	2,370	52	34	240	38	69
18 to 19 years	4,461	112	428	3,921	63	17	231	29	25
20 to 24 years	13,440	332	1,364	11,744	395	91	381	185	85
25 to 34 years	25,108	143	4,008	20,957	1,794	84	457	373	51
35 to 44 years	18,329	151	3,640	14,533	1,804	92	240	299	55
45 to 54 years	13,702	144	2,960	10,637	1,524	87	181	341	50
55 to 64 years	9,609	178	1,979	7,452	1,164	63	97	368	29
55 to 59 years	5,991	108	1,237	4,647	674	41	53	203	18
60 to 64 years	3,618	71	743	2,805	489	22	44	166	11
65 years and over	2,023	142	311	1,570	582	17	59	241	17
Males, 16 years and over	49,648	299	7,465	41,880	5,058	65	1,475	1,562	113
16 to 19 years	3,686	147	364	3,176	72	32	374	65	75
16 to 17 years	1,467	108	131	1,228	24	24	196	37	55
18 to 19 years	2,219	38	233	1,948	46	9	178	28	20
20 to 24 years	7,047	47	594	6,406	253	12	288	94	23
25 to 34 years	14,125	22	1,950	12,152	1,213	13	371	325	7
35 to 44 years	10,359	26	1,797	8,536	1,212	2	170	245	--
45 to 54 years	7,792	13	1,553	6,225	1,037	4	138	288	1
55 to 64 years	5,527	16	1,022	4,489	866	1	78	323	--
55 to 59 years	3,451	10	626	2,815	585	--	44	176	--
60 to 64 years	2,076	6	396	1,674	362	1	34	147	--
65 years and over	1,107	29	184	895	405	2	56	217	7
Females, 16 years and over	40,011	1,008	7,499	31,504	2,318	370	412	233	222
16 to 19 years	3,722	270	337	3,115	43	19	97	2	19
16 to 17 years	1,479	196	142	1,142	28	10	44	1	14
18 to 19 years	2,243	74	195	1,974	17	9	53	1	5
20 to 24 years	6,393	85	770	5,538	141	29	93	6	16
25 to 34 years	10,983	121	2,058	8,804	581	71	86	48	44
35 to 44 years	7,964	125	1,842	5,997	592	90	70	54	55
45 to 54 years	5,950	131	1,407	4,412	487	83	43	53	43
55 to 64 years	4,082	162	957	2,963	297	62	19	85	33
55 to 59 years	2,540	98	611	1,832	178	42	9	26	18
60 to 64 years	1,542	65	346	1,131	120	21	10	59	12
65 years and over	916	113	128	675	177	16	3	24	11

A-24. Employed persons by industry and occupation

(In thousands)

Industry	July 1982											
	Total employed	White-collar workers				Blue-collar workers				Service workers		Farm workers
		Professional and technical workers	Managers and administrators, except farm	Sales workers	Clerical workers	Craft and kindred workers	Operatives, except transport	Transport equipment operatives	Nonfarm laborers	Private household workers	Other service workers	
Agriculture	4,023	91	38	9	84	76	12	34	451	--	6	3,222
Mining	1,024	171	111	5	124	238	293	44	27	--	11	--
Construction	6,247	249	717	40	479	3,433	262	181	857	--	30	--
Manufacturing	20,543	2,638	1,716	588	2,646	4,001	7,102	730	860	--	406	--
Durable goods	12,110	1,821	1,011	198	1,563	2,581	3,949	305	462	--	221	--
Nondurable goods	8,533	817	706	346	1,083	1,421	3,153	425	397	--	185	--
Transportation and public utilities	6,735	753	770	90	1,498	1,389	163	1,394	497	--	180	--
Wholesale and retail trade	21,123	516	3,957	4,316	3,696	1,503	903	772	1,274	--	4,186	--
Wholesale trade	4,096	209	916	963	815	370	177	399	220	--	28	--
Retail trade	17,027	307	3,041	3,353	2,881	1,134	726	373	1,054	--	4,159	--
Finance, insurance, and real estate	6,365	422	1,234	1,361	2,798	144	4	15	138	--	239	--
Services	29,983	10,724	2,322	232	5,390	1,611	786	230	885	1,040	6,696	--
Private households	1,380	13	2	--	8	6	4	5	267	1,040	17	--
Other service industries	28,523	10,711	2,320	232	5,382	1,605	782	225	618	--	6,679	--
Public administration	5,926	1,073	693	3	1,905	286	52	36	213	--	1,165	--

A-25. Employed persons with a job but not at work by reason, sex, and pay status

(In thousands)

Reason not working and sex	All industries		Nonagricultural industries					
			Total		Wage and salary workers[1]			
					Paid absence[2]		Unpaid absence[2]	
	July 1981	July 1982	July 1981	July 1982	July 1981	July 1982	July 1981	July 1982
Total, 16 years and over	11,315	11,607	11,113	11,489	6,500	6,918	3,862	3,774
Vacation	8,894	9,221	8,794	9,159	5,729	6,166	2,652	2,527
Illness	1,318	1,295	1,272	1,276	532	528	617	699
Bad weather	30	44	20	30	--	--	--	--
Industrial dispute	73	31	73	31	--	--	--	--
All other reasons	999	1,018	955	993	239	224	594	603
Males, 16 years and over	5,345	5,377	5,186	5,288	3,549	3,687	1,221	1,173
Vacation	4,058	4,215	3,985	4,169	3,117	3,301	670	682
Illness	744	653	704	638	313	292	314	283
All other reasons[3]	543	508	497	481	119	93	237	251
Females, 16 years and over	5,970	6,230	5,927	6,201	2,951	3,230	2,641	2,601
Vacation	4,836	5,006	4,809	4,990	2,612	2,864	1,982	1,985
Illness	575	641	567	639	220	236	303	364
All other reasons[3]	560	583	551	572	119	131	356	351

[1]Excludes private household workers.

[2]Pay status not available separately for bad weather and industrial dispute; these categories are included in "all other reasons."

[3]Includes bad weather and industrial dispute, not shown separately.

NOTE: Estimates for "all other reasons" by pay status may be biased because of high response variance; data should be used with caution.

A-26. Persons at work by hours of work and industry

Hours of work	July 1982					
	Thousands of persons			Percent distribution		
	All industries	Nonagricultural industries	Agriculture	All industries	Nonagricultural industries	Agriculture
Total, 16 years and over	89,882	85,978	3,904	100.0	100.0	100.0
1-34 hours	22,120	20,993	1,126	24.6	24.4	28.8
1-4 hours	777	717	60	.9	.8	1.5
5-14 hours	3,519	3,271	248	3.9	3.8	6.4
15-29 hours	10,867	10,294	572	12.1	12.0	14.7
30-34 hours	6,957	6,711	246	7.7	7.8	6.3
35 hours and over	67,762	64,984	2,778	75.4	75.6	71.2
35-39 hours	6,757	6,593	164	7.5	7.7	4.2
40 hours	39,235	38,600	636	43.7	44.9	16.3
41 hours and over	21,770	19,791	1,978	24.2	23.0	50.7
41 to 48 hours	8,002	7,741	261	8.9	9.0	6.7
49 to 59 hours	7,414	6,897	516	8.2	8.0	13.2
60 hours and over	6,354	5,153	1,201	7.1	6.0	30.8
Average hours, total at work	38.7	38.4	46.6	--	--	--
Average hours, workers on full-time schedules	43.1	42.5	55.7	--	--	--

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A-27. Persons at work 1 to 34 hours by reason for working less than 35 hours and usual status

[Numbers in thousands]

Reason for working less than 35 hours	July 1982					
	All industries			Nonagricultural industries		
	Total	Usually work full time	Usually work part time	Total	Usually work full time	Usually work part time
Total, 16 years and over	22,120	6,847	15,272	20,993	6,567	14,426
Economic reasons	7,035	2,151	4,884	6,596	2,019	4,577
Slack work	3,110	1,825	1,285	2,893	1,711	1,182
Material shortages or repairs to plant and equipment	62	62	--	60	60	--
New job started during week	186	186	--	177	177	--
Job terminated during week	78	78	--	70	70	--
Could find only part time work	3,599	--	3,599	3,395	--	3,395
Other reasons	15,084	4,696	10,388	14,396	4,547	9,849
Does not want, or unavailable for, full time work	8,074	--	8,074	7,695	--	7,695
Vacation	1,934	1,934	--	1,918	1,918	--
Illness	1,313	1,170	143	1,252	1,138	114
Bad weather	189	189	--	144	144	--
Industrial dispute	27	27	--	27	27	--
Legal or religious holiday	63	63	--	61	61	--
Full time for this job	1,593	--	1,593	1,533	--	1,533
All other reasons	1,892	1,314	578	1,768	1,261	507
Average hours						
Economic reasons	21.5	24.8	20.1	21.7	25.0	20.3
Other reasons	21.9	26.0	20.0	21.9	26.2	20.0
Worked 30 to 34 hours						
Economic reasons	2,149	1,000	1,149	2,065	956	1,109
Other reasons	4,808	2,465	2,343	4,646	2,413	2,233

A-28. Nonagricultural workers by industry and full- or part-time status

[Numbers in thousands]

Industry	July 1982							
	Full- or part-time status						Average hours, total at work	Average hours, workers on full-time schedules
	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules				
				Total	40 hours or less	41 to 48 hours	49 hours or more	
Total, 16 years and over [1]	85,978	6,596	9,849	69,533	49,742	7,741	12,050	38.4	42.5
Wage and salary workers	78,873	5,971	8,553	64,349	47,391	7,179	9,779	38.2	42.3
Construction	4,738	473	172	4,093	3,058	433	602	39.4	42.3
Manufacturing	17,539	902	449	16,188	12,186	2,010	1,992	40.3	41.6
Durable goods	10,335	450	175	9,710	7,408	1,173	1,129	40.6	41.6
Nondurable goods	7,204	452	274	6,478	4,779	837	862	39.8	41.9
Transportation and public utilities	5,715	236	256	5,223	3,783	581	899	40.8	42.6
Wholesale and retail trade	17,657	2,214	3,201	12,242	8,199	1,682	2,361	36.3	42.3
Finance, insurance, and real estate	5,407	150	447	4,810	3,702	488	620	38.9	41.1
Service industries	21,970	1,834	3,779	16,357	12,411	1,471	2,475	36.1	41.8
Private households	1,217	320	487	410	278	43	89	24.5	45.6
All other industries	20,753	1,514	3,292	15,947	12,133	1,428	2,346	36.6	41.7
Public administration	4,964	125	241	4,598	3,570	453	575	40.3	41.7
Self-employed workers	6,669	606	1,121	4,942	2,227	533	2,182	40.6	49.3
Unpaid family workers	436	19	175	242	124	29	89	36.1	47.1

[1] Includes mining, not shown separately.

A-29. Persons at work in nonagricultural industries by sex, age, race, marital status, and full- or part-time status

(Numbers in thousands)

Sex, age, race, and marital status	July 1982							
	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules			Average hours, total at work	Average hours, workers on full-time schedules
				Total	40 hours or less	41 hours or more		
TOTAL								
Both sexes, 16 years and over	85,978	6,596	9,349	69,533	49,742	19,791	38.4	42.5
16 to 21 years	12,143	2,473	2,584	7,086	5,681	1,405	32.4	40.3
16 to 19 years	7,156	1,803	1,930	3,423	2,787	636	29.7	40.5
16 to 17 years	2,859	861	1,126	872	714	158	25.2	40.3
18 to 19 years	4,297	942	804	2,551	2,073	478	32.7	40.6
20 years and over	78,822	4,793	7,919	66,110	46,955	19,155	39.1	42.6
20 to 24 years	12,953	1,284	1,343	10,326	7,905	2,421	37.7	41.6
25 years and over	65,870	3,508	6,576	55,786	39,052	16,734	39.4	42.8
25 to 44 years	41,546	2,301	3,418	35,827	24,679	11,148	40.0	42.9
45 to 64 years	22,054	1,091	2,087	18,876	13,599	5,277	39.4	42.6
65 years and over	2,269	116	1,070	1,083	775	308	29.5	43.1
Males, 16 years and over	49,480	3,277	2,866	43,337	28,191	15,146	41.0	43.8
16 to 21 years	6,177	1,233	1,122	3,822	2,876	946	33.6	41.8
16 to 19 years	3,599	890	860	1,849	1,455	394	30.6	40.9
16 to 17 years	1,445	447	500	498	405	93	26.1	40.9
18 to 19 years	2,154	443	360	1,351	1,051	300	33.5	40.9
20 years and over	45,881	2,388	2,006	41,487	26,735	14,752	41.8	44.1
20 to 24 years	6,901	668	504	5,729	3,995	1,734	39.3	42.3
25 years and over	38,979	1,720	1,503	35,756	22,738	13,018	42.3	44.1
25 to 44 years	24,373	1,102	528	22,743	14,100	8,643	43.0	44.3
45 to 64 years	13,273	546	391	12,336	8,189	4,147	42.2	43.9
65 years and over	1,333	70	584	679	450	229	30.4	43.4
Females, 16 years and over	36,499	3,319	6,983	26,197	21,551	4,646	34.7	41.3
16 to 21 years	5,966	1,239	1,462	3,265	2,805	460	31.1	39.7
16 to 19 years	3,557	913	1,071	1,573	1,331	242	28.8	40.3
16 to 17 years	1,414	414	627	373	309	64	24.3	39.5
18 to 19 years	2,143	499	444	1,200	1,022	178	31.9	40.2
20 years and over	32,942	2,405	5,912	24,625	20,222	4,403	35.4	40.4
20 to 24 years	6,051	616	840	4,595	3,909	686	35.8	40.1
25 years and over	26,891	1,788	5,073	20,030	16,314	3,716	35.2	40.4
25 to 44 years	17,173	1,198	2,890	13,085	10,580	2,505	35.6	40.3
45 to 64 years	8,782	544	1,696	6,542	5,411	1,131	35.3	40.5
65 years and over	936	46	486	404	325	79	28.2	42.6
RACE								
White	75,840	5,467	9,043	61,330	42,959	18,371	38.5	42.7
Males	44,109	2,704	2,568	38,837	24,669	14,168	41.3	44.1
Females	31,731	2,762	6,476	22,493	18,291	4,202	34.6	40.4
Black and other	10,138	1,129	806	8,203	6,782	1,421	37.3	41.1
Males	5,371	573	298	4,500	3,522	978	38.6	42.0
Females	4,767	555	507	3,705	3,262	443	35.8	40.0
MARITAL STATUS								
Males, 16 years and over:								
Married, spouse present	32,441	1,240	1,126	30,075	18,872	11,203	42.6	44.2
Widowed, divorced, or separated	4,313	296	214	3,803	2,443	1,360	41.6	44.1
Single (never married)	12,725	1,741	1,527	9,457	6,875	2,582	36.8	42.4
Females, 16 years and over:								
Married, spouse present	18,748	1,204	4,308	13,236	11,038	2,198	34.2	40.1
Widowed, divorced, or separated	7,217	561	890	5,766	4,513	1,253	37.0	41.9
Single (never married)	10,533	1,550	1,784	7,195	6,001	1,194	34.2	41.4

HOUSEHOLD DATA

A-30. Persons at work in nonfarm occupations by sex and full- or part-time status

[Numbers in thousands]

Occupation and sex	July 1982								
	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules				Average hours, total at work	Average hours, workers on full-time schedules
				Total	40 hours or less	41 to 48 hours	49 hours or more		
Total, 16 years and over	86,743	6,715	9,984	70,064	50,023	7,798	12,243	38.4	42.6
White-collar workers	46,763	2,176	5,622	38,965	27,290	4,112	7,563	39.0	42.7
Professional and technical	13,366	464	1,506	11,396	7,682	1,158	2,356	39.4	42.8
Managers and administrators, except farm	10,500	191	410	9,899	5,207	1,332	3,360	44.8	46.2
Sales workers	6,112	494	1,240	4,378	2,847	496	1,035	36.5	43.1
Clerical workers	16,785	1,028	2,466	13,291	11,354	1,126	811	35.9	39.3
Blue-collar workers	27,392	2,652	1,429	23,311	16,845	2,888	3,578	39.4	42.5
Craft and kindred workers	11,433	765	341	10,327	7,242	1,355	1,730	40.7	42.6
Operatives, except transport	8,056	764	345	6,947	5,422	811	714	39.0	41.4
Transport equipment operatives	3,029	256	131	2,642	1,545	379	718	42.5	45.6
Nonfarm laborers	4,874	865	612	3,397	2,636	344	417	38.9	41.8
Service workers	12,588	1,887	2,913	7,788	5,888	798	1,102	33.9	42.3
Private household	963	198	396	369	247	35	87	26.9	45.5
Other service workers	11,625	1,691	2,517	7,417	5,639	763	1,015	34.4	42.1
Males, 16 years and over	50,341	3,372	2,918	43,751	28,393	5,402	9,956	41.0	43.9
White-collar workers	22,313	668	1,190	20,455	12,054	2,463	5,938	42.9	44.9
Professional and technical	8,098	219	445	7,434	4,753	786	1,895	42.0	44.0
Managers and administrators, except farm	7,546	125	169	7,252	3,477	961	2,814	46.2	47.2
Sales workers	3,382	155	321	2,906	1,648	392	866	41.2	44.6
Clerical workers	3,288	168	255	2,865	2,178	324	363	39.1	41.5
Blue-collar workers	22,816	2,122	1,005	19,689	13,799	2,519	3,371	39.9	42.9
Craft and kindred workers	10,672	730	243	9,699	6,755	1,272	1,672	40.9	42.7
Operatives, except transport	4,952	396	142	4,414	3,245	564	605	40.1	42.2
Transport equipment operatives	2,846	232	103	2,511	1,442	366	703	42.9	45.8
Nonfarm laborers	4,346	765	517	3,064	2,357	316	391	35.2	41.9
Service workers	4,912	582	723	3,607	2,540	420	647	37.5	43.6
Private household	25	8	6	11	7	--	4	28.9	45.7
Other service workers	4,886	573	717	3,596	2,533	420	643	37.6	43.6
Females, 16 years and over	36,703	3,344	7,045	26,314	21,631	2,396	2,287	34.7	40.3
White-collar workers	24,450	1,508	4,431	18,511	15,237	1,649	1,625	35.4	40.2
Professional and technical	5,268	244	1,060	3,964	3,131	372	461	35.3	40.5
Managers and administrators, except farm	2,955	66	241	2,648	1,731	371	546	41.3	43.5
Sales workers	2,730	339	919	1,472	1,198	104	170	30.7	40.3
Clerical workers	13,497	860	2,211	10,426	9,177	802	447	35.1	39.3
Blue-collar workers	4,576	530	424	3,622	3,046	369	207	36.6	40.2
Craft and kindred workers	761	36	98	627	487	82	58	37.1	40.7
Operatives, except transport	3,104	369	203	2,532	2,175	247	110	37.2	40.0
Transport equipment operatives	183	23	27	133	106	12	15	35.2	41.4
Nonfarm laborers	528	100	95	333	278	28	27	32.8	40.3
Service workers	7,577	1,306	2,190	4,181	3,348	378	455	31.5	41.1
Private household	938	189	390	359	241	35	83	26.9	45.5
Other service workers	6,739	1,116	1,800	3,823	3,108	343	372	32.2	40.7

A-31. Employment status of 14- and 15-year-olds by sex and race

[Numbers in thousands]

Employment status	July 1982								
	Total			White			Black and other		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Civilian noninstitutional population	7,138	3,634	3,504	5,908	3,020	2,889	1,230	614	616
Civilian labor force	1,933	1,128	805	1,699	987	712	234	141	93
Employed	1,551	886	665	1,428	812	616	123	74	49
Agriculture	252	195	57	244	188	56	9	7	1
Nonagricultural industries	1,299	691	608	1,185	624	560	114	67	47
Unemployed	382	242	140	271	176	95	111	66	45
Unemployment rate	19.8	21.5	17.4	16.0	17.8	13.3	47.4	46.8	48.4
Not in labor force	5,205	2,506	2,699	4,209	2,032	2,177	996	474	522
Keeping house	277	31	245	208	26	182	69	6	63
Going to school	410	236	174	263	155	107	147	81	66
Unable to work	10	8	2	8	6	2	2	1	--
All other reasons	4,508	2,231	2,278	3,730	1,845	1,885	778	386	393

A-32. Employed 14- and 15-year-olds by class of worker, occupation, and sex

Class of worker and occupation	July 1982					
	Thousands of persons			Percent distribution		
	Both sexes	Males	Females	Both sexes	Males	Females
CLASS OF WORKER						
Total	1,551	886	665	100.0	100.0	100.0
Nonagricultural industries	1,299	691	608	83.8	78.1	91.3
Wage and salary workers	1,189	619	569	76.7	69.9	85.4
Private household workers	508	172	336	32.8	19.4	50.5
Government workers	137	80	57	8.8	9.0	8.6
Other wage and salary workers	543	367	177	35.0	41.5	26.6
Self-employed workers	88	55	33	5.7	6.2	5.0
Unpaid family workers	22	16	6	1.4	1.8	.9
Agriculture	252	195	57	16.2	22.0	8.6
Wage and salary workers	174	139	36	11.2	15.7	5.4
Self-employed workers	27	20	6	1.7	2.3	.9
Unpaid family workers	52	36	15	3.4	4.1	2.3
OCCUPATION						
Total	1,551	886	665	100.0	100.0	100.0
White collar workers	296	179	117	19.1	20.2	17.6
Professional and technical	30	13	18	1.9	1.5	2.7
Managers and administrators, except farm	--	1	--	--	.1	--
Sales workers	192	137	55	12.4	15.5	8.3
Clerical workers	74	28	46	4.8	3.2	6.9
Blue collar workers	449	398	50	29.0	44.9	7.5
Craft and kindred workers	39	34	4	2.5	3.8	.6
Operatives, except transport	34	25	9	2.2	2.8	1.4
Transport equipment operatives	6	4	2	.4	.5	.3
Nonfarm laborers	370	335	35	23.9	37.8	5.3
Service workers	600	149	451	38.7	16.8	67.7
Private household workers	342	13	329	22.1	1.5	49.4
Other service workers	257	136	122	16.6	15.3	18.3
Farm workers	206	160	46	13.3	18.1	6.9
Farmers and farm managers	5	3	2	.3	.3	.3
Farm laborers and supervisors	201	157	44	13.0	17.7	6.6

HOUSEHOLD DATA
SEASONALLY ADJUSTED

A-33. Employment status of the noninstitutional population by sex and age, seasonally adjusted

[Numbers in thousands]

Employment status, sex, and age	1981						1982						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
TOTAL													
Total noninstitutional population [1]	172,385	172,559	172,758	172,966	173,155	173,330	173,495	173,657	173,843	174,020	174,201	174,358	174,584
Armed Forces [1]	2,139	2,160	2,165	2,158	2,158	2,164	2,159	2,168	2,175	2,176	2,175	2,173	2,180
Civilian noninstitutional population [1]	170,246	170,399	170,593	170,809	170,996	171,166	171,335	171,489	171,667	171,844	172,026	172,190	172,368
Civilian labor force	108,688	108,818	108,494	109,012	109,272	109,184	108,879	109,165	109,346	109,648	110,666	110,191	110,522
Percent of civilian population	63.8	63.9	63.6	63.8	63.9	63.8	63.5	63.7	63.7	63.8	64.3	64.0	64.1
Employed	100,864	100,840	100,258	100,343	100,172	99,613	99,581	99,590	99,492	99,340	100,117	99,764	99,732
Percent of total population	58.5	58.4	58.0	58.0	57.9	57.5	57.4	57.3	57.2	57.1	57.5	57.2	57.1
Agriculture	3,342	3,404	3,358	3,378	3,372	3,209	3,411	3,373	3,349	3,309	3,488	3,357	3,460
Nonagricultural industries	97,522	97,436	96,900	96,965	96,800	96,404	96,170	96,217	96,144	96,032	96,629	96,406	96,272
Unemployed	7,824	7,978	8,236	8,669	9,100	9,571	9,298	9,575	9,854	10,307	10,549	10,427	10,790
Unemployment rate	7.2	7.3	7.6	8.0	8.3	8.8	8.5	8.8	9.0	9.4	9.5	9.5	9.8
Not in labor force	61,558	61,581	62,099	61,797	61,724	61,982	62,456	62,324	62,321	62,197	61,360	61,999	61,846
Males, 20 years and over													
Total noninstitutional population [1]	74,164	74,268	74,382	74,502	74,610	74,718	74,810	74,906	75,015	75,121	75,227	75,323	75,429
Civilian noninstitutional population [1]	72,472	72,559	72,670	72,795	72,921	73,020	73,120	73,209	73,287	73,392	73,499	73,585	73,685
Civilian labor force	57,172	57,250	57,262	57,355	57,459	57,665	57,368	57,448	57,554	57,730	58,164	58,016	58,084
Percent of civilian population	78.9	78.9	78.8	78.8	78.8	79.0	78.5	78.5	78.5	78.7	79.1	78.8	78.8
Employed	53,874	53,791	53,693	53,504	53,354	53,122	53,047	53,097	53,006	52,988	53,260	52,935	52,996
Percent of total population	72.6	72.4	72.2	71.8	71.5	71.1	70.9	70.9	70.7	70.5	70.8	70.3	70.3
Agriculture	2,383	2,422	2,383	2,413	2,382	2,311	2,390	2,386	2,377	2,382	2,464	2,424	2,474
Nonagricultural industries	51,491	51,369	51,310	51,091	50,972	50,811	50,657	50,711	50,629	50,606	50,796	50,511	50,522
Unemployed	3,298	3,459	3,569	3,851	4,105	4,543	4,322	4,351	4,548	4,742	4,904	5,081	5,088
Unemployment rate	5.8	6.0	6.2	6.7	7.1	7.9	7.5	7.6	7.9	8.2	8.4	8.7	8.8
Not in labor force	15,300	15,309	15,408	15,440	15,462	15,355	15,752	15,761	15,733	15,662	15,335	15,569	15,601
Females, 20 years and over													
Total noninstitutional population [1]	81,711	81,822	81,946	82,074	82,193	82,306	82,415	82,523	82,640	82,753	82,868	82,976	83,091
Civilian noninstitutional population [1]	81,561	81,671	81,792	81,920	82,038	82,151	82,260	82,367	82,478	82,591	82,707	82,811	82,926
Civilian labor force	42,682	42,666	42,344	42,831	42,587	42,898	42,868	43,031	43,243	43,301	43,683	43,904	44,076
Percent of civilian population	52.3	52.2	51.8	52.3	52.4	52.2	52.1	52.2	52.4	52.4	52.8	53.0	53.2
Employed	39,810	39,841	39,426	39,814	39,878	39,713	39,764	39,744	39,807	39,715	40,075	40,350	40,392
Percent of total population	48.7	48.7	48.1	48.5	48.5	48.3	48.2	48.2	48.2	48.0	48.4	48.6	48.6
Agriculture	590	609	608	596	635	572	649	628	636	601	634	581	600
Nonagricultural industries	39,220	39,232	38,818	39,218	39,243	39,141	39,115	39,116	39,172	39,114	39,441	39,769	39,791
Unemployed	2,872	2,825	2,918	3,017	3,109	3,175	3,104	3,286	3,435	3,586	3,608	3,554	3,684
Unemployment rate	6.7	6.6	6.9	7.0	7.2	7.4	7.2	7.6	7.9	8.3	8.3	8.1	8.4
Not in labor force	38,879	39,005	39,448	39,089	39,051	39,263	39,392	39,336	39,235	39,290	39,024	38,907	38,850
Both sexes, 16-19 years													
Total noninstitutional population [1]	16,510	16,469	16,429	16,390	16,351	16,310	16,269	16,228	16,188	16,146	16,106	16,065	16,024
Civilian noninstitutional population [1]	16,213	16,169	16,131	16,093	16,037	15,995	15,955	15,913	15,902	15,861	15,820	15,794	15,753
Civilian labor force	8,834	8,902	8,888	8,826	8,826	8,631	8,683	8,686	8,549	8,616	8,819	8,271	8,362
Percent of civilian population	54.5	55.1	55.1	54.8	55.0	54.0	54.2	54.6	53.8	54.3	55.7	52.4	53.1
Employed	7,180	7,208	7,139	7,025	6,940	6,778	6,771	6,748	6,679	6,637	6,782	6,429	6,344
Percent of total population	43.5	43.8	43.5	42.9	42.4	41.6	41.6	41.6	41.3	41.1	42.1	40.0	39.6
Agriculture	369	373	367	369	355	326	373	359	336	326	390	353	386
Nonagricultural industries	6,811	6,835	6,772	6,656	6,585	6,452	6,398	6,389	6,343	6,311	6,392	6,076	5,958
Unemployed	1,654	1,694	1,749	1,801	1,886	1,853	1,872	1,938	1,870	1,979	2,037	1,842	2,018
Unemployment rate	18.7	19.0	19.7	20.4	21.4	21.5	21.7	22.3	21.9	23.0	23.1	22.3	24.1
Not in labor force	7,379	7,267	7,243	7,267	7,211	7,364	7,312	7,227	7,353	7,245	7,001	7,523	7,391

[1] The population and Armed Forces figures are not adjusted for seasonal variations.

NOTE: Detail for the household data shown in tables A-33 through A-42 will not necessarily add to totals, because of the independent seasonal adjustment of the various series.

A-34. Full- and part-time status of the civilian labor force, seasonally adjusted

(Numbers in thousands)

Full- and part-time status	1981						1982						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
FULL TIME													
Total, 16 years and over													
Civilian labor force	92,971	92,773	92,801	93,359	93,607	93,856	93,129	93,421	93,860	93,890	94,619	93,994	94,389
Employed	86,605	86,378	86,044	86,155	86,062	85,729	85,324	85,523	85,505	85,289	85,903	85,112	85,406
Unemployed	6,365	6,400	6,757	7,204	7,545	8,127	7,805	7,897	8,355	8,601	8,717	8,873	8,982
Unemployment rate	6.8	6.9	7.3	7.7	8.1	8.7	8.4	8.5	8.9	9.2	9.2	9.4	9.5
PART TIME													
Total, 16 years and over													
Civilian labor force	15,808	16,071	15,662	15,690	15,721	15,399	15,853	15,632	15,470	15,836	15,911	16,167	16,215
Employed	14,337	14,525	14,160	14,190	14,125	13,982	14,337	13,951	13,926	14,112	14,237	14,594	14,371
Unemployed	1,471	1,546	1,502	1,492	1,596	1,417	1,515	1,681	1,544	1,724	1,674	1,573	1,844
Unemployment rate	9.3	9.5	9.6	9.5	10.2	9.2	9.6	10.8	10.0	10.9	10.5	9.8	11.4

NOTE: Persons on part-time schedules for economic reasons are included in the full-time employed category; unemployed persons are allocated by whether seeking full- or part-time work.

A-35. Employment status by race, sex, and age, seasonally adjusted

(Numbers in thousands)

Race, sex, and age	1981						1982						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
WHITE													
Total, 16 years and over													
Civilian labor force	95,126	95,163	94,884	95,365	95,535	95,329	95,120	95,333	95,508	96,015	96,641	96,223	96,493
Employed	89,170	89,221	88,628	88,734	88,498	88,010	87,955	87,990	87,956	87,988	88,450	88,173	88,137
Unemployed	5,956	5,942	6,256	6,631	7,037	7,319	7,165	7,344	7,552	8,026	8,191	8,050	8,356
Unemployment rate	6.3	6.2	6.6	7.0	7.4	7.7	7.5	7.7	7.9	8.4	8.5	8.4	8.7
Males, 20 years and over													
Civilian labor force	50,698	50,701	50,712	50,811	50,881	50,948	50,757	50,812	50,903	51,124	51,394	51,252	51,292
Employed	48,157	48,050	47,948	47,790	47,649	47,449	47,410	47,430	47,351	47,393	47,535	47,300	47,256
Unemployed	2,541	2,651	2,764	3,021	3,232	3,499	3,347	3,382	3,552	3,731	3,859	3,952	4,037
Unemployment rate	5.0	5.2	5.5	5.9	6.4	6.9	6.6	6.7	7.0	7.3	7.5	7.7	7.9
Females, 20 years and over													
Civilian labor force	36,612	36,554	36,294	36,742	36,832	36,733	36,698	36,863	37,038	37,179	37,428	37,619	37,945
Employed	34,481	34,534	34,155	34,517	34,513	34,368	34,380	34,427	34,475	34,489	34,682	34,944	35,067
Unemployed	2,131	2,020	2,139	2,225	2,319	2,365	2,319	2,433	2,564	2,690	2,746	2,675	2,777
Unemployment rate	5.8	5.5	5.9	6.1	6.3	6.4	6.3	6.6	6.9	7.2	7.3	7.1	7.3
Both sexes, 16 to 19 years													
Civilian labor force	7,816	7,908	7,878	7,812	7,822	7,648	7,665	7,662	7,567	7,712	7,819	7,352	7,356
Employed	6,532	6,637	6,525	6,427	6,336	6,193	6,166	6,133	6,130	6,106	6,233	5,929	5,814
Unemployed	1,284	1,271	1,353	1,385	1,486	1,455	1,499	1,529	1,437	1,606	1,586	1,423	1,542
Unemployment rate	16.4	16.1	17.2	17.7	19.0	19.0	19.6	20.0	19.0	20.8	20.3	19.4	21.0
BLACK AND OTHER													
Total, 16 years and over													
Civilian labor force	13,539	13,632	13,617	13,697	13,757	13,773	13,704	13,857	13,810	13,768	14,097	13,947	14,027
Employed	11,672	11,624	11,607	11,611	11,661	11,610	11,632	11,653	11,515	11,446	11,669	11,560	11,594
Unemployed	1,867	2,008	2,010	2,086	2,096	2,163	2,072	2,204	2,294	2,322	2,429	2,387	2,433
Unemployment rate	13.8	14.7	14.8	15.2	15.2	15.7	15.1	15.9	16.6	16.9	17.2	17.1	17.3
Males, 20 years and over													
Civilian labor force	6,484	6,556	6,551	6,573	6,595	6,614	6,563	6,649	6,620	6,704	6,759	6,752	6,788
Employed	5,722	5,745	5,715	5,711	5,694	5,647	5,630	5,688	5,622	5,667	5,709	5,688	5,720
Unemployed	762	811	836	862	901	967	933	961	998	1,037	1,050	1,075	1,068
Unemployment rate	11.8	12.4	12.8	13.1	13.7	14.6	14.2	14.5	15.1	15.5	15.5	15.9	15.7
Females, 20 years and over													
Civilian labor force	6,062	6,087	6,085	6,096	6,147	6,163	6,152	6,163	6,199	6,145	6,324	6,273	6,247
Employed	5,321	5,313	5,281	5,301	5,359	5,355	5,388	5,338	5,321	5,248	5,407	5,387	5,350
Unemployed	741	774	804	795	788	808	764	826	878	897	917	887	897
Unemployment rate	12.2	12.7	13.2	13.0	12.8	13.1	12.4	13.4	14.2	14.6	14.5	14.1	14.4
Both sexes, 16 to 19 years													
Civilian labor force	993	989	981	1,028	1,015	996	989	1,044	991	919	1,014	912	997
Employed	629	566	611	599	608	608	614	627	573	531	553	486	524
Unemployed	364	423	370	429	407	388	375	417	418	388	461	426	473
Unemployment rate	36.7	42.8	37.7	41.7	40.1	39.0	37.9	39.9	42.2	42.2	45.5	46.7	47.4

HOUSEHOLD DATA
SEASONALLY ADJUSTED

A-36. Major unemployment indicators, seasonally adjusted

[Unemployment rates]

Category	1981						1982						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
CHARACTERISTIC													
Total (all civilian workers)	7.2	7.3	7.6	8.0	8.3	8.8	8.5	8.8	9.0	9.4	9.5	9.[illegible]	9.[illegible]
Males, 20 years and over	5.8	6.0	6.2	6.7	7.1	7.9	7.5	7.6	7.9	8.2	8.4	8.7	9.[illegible]
Females, 20 years and over	6.7	6.6	6.9	7.0	7.2	7.4	7.2	7.6	7.9	8.3	8.3	8.1	9.4
Both sexes, 16-19 years	18.7	19.0	19.7	20.4	21.4	21.5	21.7	22.3	21.9	23.0	23.1	22.[illegible]	24.1
White	6.3	6.2	6.6	7.0	7.4	7.7	7.5	7.7	7.9	8.4	8.5	8.4	9.7
Black and other	13.8	14.7	14.8	15.2	15.2	15.7	15.1	15.9	16.6	16.9	17.2	17.1	17.3
Married men, spouse present	3.9	4.0	4.4	4.8	5.2	5.7	5.3	5.3	5.5	6.0	6.1	6.5	6.6
Married women, spouse present	5.7	5.5	6.0	6.1	6.5	6.6	6.2	7.0	7.1	7.8	7.4	7.0	7.4
Women who maintain families	11.2	10.1	10.7	10.6	10.8	10.5	10.4	10.2	10.6	11.5	11.8	12.4	12.0
Full-time workers	6.8	6.9	7.3	7.7	8.1	8.7	8.4	8.5	8.9	9.2	9.2	9.4	9.[illegible]
Part-time workers	9.3	9.6	9.6	9.5	10.2	9.2	9.6	10.8	10.0	10.9	10.5	9.[illegible]	11.4
Unemployed 15 weeks and over[1]	2.0	2.0	2.1	2.1	2.2	2.2	2.2	2.5	2.7	2.7	3.0	3.3	3.2
Labor force time lost[2]	7.9	7.9	8.5	9.1	9.5	10.1	10.0	9.8	10.4	10.4	11.1	11.[illegible]	13.7
OCCUPATION													
White-collar workers	4.0	3.9	4.1	4.1	4.2	4.5	4.2	4.6	4.8	4.9	4.8	5.0	4.9
Professional and technical	2.8	2.5	2.8	2.6	2.7	3.4	2.9	3.1	3.2	3.2	3.3	3.3	3.3
Managers and administrators, except farm	2.6	2.7	2.7	2.8	3.0	3.1	2.7	3.1	3.0	3.3	3.5	3.[illegible]	3.7
Sales workers	4.9	4.7	5.0	4.9	5.0	4.9	4.5	4.8	5.8	5.6	5.2	5.8	5.4
Clerical workers	5.7	5.7	5.8	6.0	6.0	6.2	6.3	6.7	6.9	7.2	6.8	6.9	6.9
Blue-collar workers	9.5	9.5	10.2	10.9	11.8	12.7	12.5	12.5	12.9	13.7	13.5	13.9	14.4
Craft and kindred workers	6.9	7.0	7.7	8.3	8.5	9.3	9.0	8.4	9.1	9.6	9.4	10.3	10.9
Operatives, except transport	11.1	11.1	11.6	12.8	14.1	15.5	15.4	15.4	15.9	16.9	16.5	16.7	17.4
Transport equipment operatives	7.3	8.0	8.7	8.0	10.4	10.5	10.2	10.3	10.4	10.7	11.8	13.0	11.6
Nonfarm laborers	14.4	13.2	14.6	15.6	16.0	16.9	16.9	17.9	17.9	19.2	18.3	17.9	18.6
Service workers	8.0	8.9	9.0	9.3	9.7	9.6	9.2	9.8	10.2	11.1	11.3	9.9	10.5
Farm workers	4.8	5.4	4.0	6.2	6.2	6.4	6.9	4.9	5.4	5.8	8.3	7.2	6.1
INDUSTRY													
Nonagricultural private wage and salary workers[3]	7.2	7.3	7.7	8.1	8.4	9.1	8.8	9.0	9.5	9.9	9.9	10.0	10.[illegible]
Construction	15.2	16.2	16.3	17.6	17.8	18.1	18.7	18.1	17.9	19.4	18.8	19.2	20.3
Manufacturing	7.3	7.0	7.9	8.6	9.4	11.0	10.4	10.6	10.8	11.3	11.6	12.3	12.0
Durable goods	7.1	6.5	7.7	8.6	9.5	11.8	11.0	11.3	10.8	11.9	12.2	13.2	12.7
Nondurable goods	7.6	7.9	8.3	8.6	9.3	9.6	9.5	9.5	10.8	10.5	10.7	11.0	11.[illegible]
Transportation	4.1	4.8	4.2	4.8	5.5	6.0	6.4	5.9	5.6	7.0	6.5	6.9	6.1
Wholesale and retail trade	7.9	7.9	8.5	8.4	8.6	8.9	8.7	9.0	10.3	10.1	10.6	9.7	10.[illegible]
Finance and service industries	5.7	5.7	6.0	6.2	6.1	6.4	5.9	6.5	6.9	7.0	6.9	6.8	7.0
Government workers	4.6	4.5	4.7	4.7	5.2	5.0	4.8	5.2	4.9	5.3	5.0	4.6	4.6
Agricultural wage and salary workers	10.7	12.0	11.0	13.4	14.1	14.8	16.2	12.8	14.0	14.6	18.2	16.3	13.8

[1] Unemployment as a percent of the civilian labor force.

[2] Aggregate hours lost by the unemployed and persons on part-time for economic reasons as a percent of potentially available labor force hours.

[3] Includes mining, not shown separately.

A-37. Unemployed persons by duration of unemployment, seasonally adjusted

[Numbers in thousands]

Weeks of unemployment	1981						1982						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
DURATION													
Less than 5 weeks	3,323	3,326	3,529	3,707	3,852	4,037	3,852	3,789	3,825	3,958	3,874	3,543	3,990
5 to 14 weeks	2,312	2,469	2,585	2,686	2,882	3,016	3,068	3,052	3,078	3,304	3,320	3,458	3,161
15 weeks and over	2,170	2,217	2,248	2,292	2,364	2,372	2,399	2,724	2,954	3,015	3,286	3,673	3,580
15 to 26 weeks	1,096	1,078	1,146	1,165	1,229	1,189	1,210	1,445	1,605	1,508	1,638	1,826	1,792
27 weeks and over	1,074	1,139	1,102	1,126	1,135	1,183	1,190	1,278	1,349	1,507	1,652	1,847	1,788
Average (mean) duration, in weeks	14.1	14.3	13.7	13.6	13.1	12.8	13.5	14.1	13.9	14.2	14.6	16.5	15.6
Median duration, in weeks	7.0	7.3	6.9	6.8	6.9	6.7	7.2	7.3	7.6	8.5	9.0	9.8	9.3
PERCENT DISTRIBUTION													
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.[illegible]
Less than 5 weeks	42.6	41.5	42.2	42.7	42.3	42.8	41.3	39.6	38.8	38.5	37.0	33.2	37.2
5 to 14 weeks	29.6	30.8	30.9	30.9	31.7	32.0	32.9	31.9	31.2	32.1	31.7	32.4	29.5
15 weeks and over	27.8	27.7	26.9	26.4	26.0	25.2	25.7	28.5	30.0	29.3	31.4	34.4	33.4
15 to 26 weeks	14.0	13.5	13.7	13.4	13.5	12.6	13.0	15.1	16.3	14.7	15.6	17.1	16.7
27 weeks and over	13.8	14.2	13.2	13.0	12.5	12.6	12.8	13.4	13.7	14.7	15.8	17.3	16.7

A-38. Unemployment rates by sex and age, seasonally adjusted

Sex and age	1981						1982						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
Total, 16 years and over	7.2	7.3	7.6	8.0	8.3	8.8	8.5	8.8	9.0	9.4	9.5	9.5	9.8
16 to 19 years	18.7	19.0	19.7	20.4	21.4	21.5	21.7	22.3	21.9	23.0	23.1	22.3	24.1
16 to 17 years	19.8	20.8	21.4	21.5	22.6	21.9	21.9	22.7	22.7	24.6	25.3	23.7	26.1
18 to 19 years	17.8	17.6	18.5	20.0	20.5	21.2	21.3	22.0	21.3	21.9	21.3	21.9	22.8
20 to 24 years	11.5	12.1	12.3	12.7	13.0	13.5	13.5	14.1	14.2	14.7	14.3	14.4	14.5
25 years and over	5.2	5.2	5.4	5.7	6.0	6.5	6.3	6.4	6.8	7.0	7.1	7.4	7.5
25 to 54 years	5.5	5.5	5.8	6.2	6.5	6.9	6.7	6.8	7.3	7.4	7.7	7.7	7.9
55 years and over	3.5	3.5	3.8	3.8	3.8	4.1	4.2	4.3	4.6	5.0	4.8	5.4	5.2
Males, 16 years and over	6.7	7.1	7.3	7.7	8.3	9.0	8.6	8.7	9.0	9.4	9.6	9.7	9.9
16 to 19 years	18.8	19.8	19.9	20.1	21.8	22.3	22.1	22.5	23.5	24.4	24.0	24.2	25.1
16 to 17 years	19.9	21.5	21.5	21.1	22.7	22.6	23.0	23.0	24.3	24.7	26.3	25.8	28.1
18 to 19 years	17.9	18.3	18.7	19.3	21.0	22.2	21.4	22.1	22.9	24.3	21.9	24.0	23.4
20 to 24 years	11.6	12.9	13.1	13.8	14.4	14.8	14.9	15.4	15.7	16.0	15.5	15.8	15.9
25 years and over	4.7	4.9	5.0	5.5	5.8	6.5	6.3	6.3	6.6	6.9	6.9	7.5	7.5
25 to 54 years	5.0	5.2	5.5	5.9	6.3	6.9	6.7	6.7	7.1	7.2	7.5	8.0	8.1
55 years and over	3.4	3.4	3.5	3.7	3.7	4.4	4.3	4.2	4.8	5.1	4.7	5.0	4.8
Females, 16 years and over	7.8	7.7	8.0	8.2	8.4	8.5	8.4	8.9	9.0	9.4	9.5	9.1	9.6
16 to 19 years	18.6	18.2	19.5	20.7	20.9	20.5	21.2	22.1	20.1	21.3	22.1	20.2	23.1
16 to 17 years	19.7	20.0	21.2	21.9	22.5	21.1	20.6	22.5	20.8	24.5	24.1	21.4	24.1
18 to 19 years	17.7	16.9	18.3	20.6	19.9	20.0	21.1	21.9	19.6	19.4	20.6	19.7	22.2
20 to 24 years	11.3	11.1	11.4	11.5	11.3	12.0	11.9	12.7	12.6	13.3	12.9	12.9	12.9
25 years and over	5.8	5.6	6.0	6.1	6.4	6.4	6.3	6.5	7.0	7.2	7.4	7.2	7.4
25 to 54 years	6.1	6.0	6.3	6.5	6.8	6.9	6.7	7.0	7.6	7.7	8.0	7.8	7.7
55 years and over	3.7	3.7	4.3	4.0	3.8	3.7	4.1	4.3	4.3	4.8	5.0	6.0	6.0

A-39. Unemployed persons by reason for unemployment, seasonally adjusted

(Numbers in thousands)

Reason for unemployment	1981						1982						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
NUMBER OF UNEMPLOYED													
Both sexes, 16 years and over													
Job losers	3,867	4,106	4,426	4,573	4,905	5,343	5,205	5,153	5,622	5,906	5,901	6,302	6,177
On layoff	1,225	1,276	1,452	1,631	1,826	2,042	1,860	1,743	1,828	1,946	1,969	2,071	2,079
Other job losers	2,642	2,830	2,974	2,942	3,079	3,301	3,345	3,413	3,794	3,959	3,932	4,231	4,098
Job leavers	926	879	921	976	916	923	835	968	885	937	874	813	813
Reentrants	2,078	2,034	2,058	2,178	2,339	2,244	2,079	2,277	2,249	2,365	2,438	2,372	2,528
New entrants	940	971	977	1,002	996	1,021	1,055	1,100	1,044	1,081	1,154	1,088	1,249
PERCENT DISTRIBUTION													
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers	49.5	51.4	52.8	52.4	53.6	56.1	56.7	54.3	57.4	57.4	56.9	59.6	57.4
On layoff	15.7	16.0	17.3	18.7	19.9	21.4	20.3	18.3	18.7	18.9	19.0	19.6	19.3
Other job losers	33.8	35.4	35.5	33.7	33.6	34.6	36.5	35.9	38.7	38.5	37.9	40.0	38.1
Job leavers	11.9	11.0	11.0	11.2	10.0	9.7	9.1	10.2	9.0	9.1	8.4	7.7	7.5
Reentrants	26.6	25.5	24.6	25.0	25.5	23.5	22.7	24.0	22.9	23.0	23.5	22.4	23.5
New entrants	12.0	12.2	11.7	11.5	10.9	10.7	11.5	11.6	10.7	10.5	11.1	10.3	11.6
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE													
Job losers	3.6	3.8	4.1	4.2	4.5	4.9	4.8	4.7	5.1	5.4	5.3	5.7	5.6
Job leavers	.9	.8	.8	.9	.8	.8	.8	.9	.8	.9	.8	.7	.7
Reentrants	1.9	1.9	1.9	2.0	2.1	2.1	1.9	2.1	2.1	2.2	2.2	2.2	2.3
New entrants	.9	.9	.9	.9	.9	.9	1.0	1.0	1.0	1.0	1.0	1.0	1.1

HOUSEHOLD DATA
SEASONALLY ADJUSTED

A-40. Employed persons by sex and age, seasonally adjusted

[In thousands]

Sex and age	1981						1982						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
Total, 16 years and over	100,864	100,840	100,258	100,343	100,172	99,613	99,581	99,590	99,492	99,340	100,117	99,764	99,732
16 to 19 years	7,180	7,208	7,139	7,025	6,940	6,778	6,771	6,748	6,679	6,637	6,782	6,829	6,388
16 to 17 years	2,835	2,840	2,836	2,769	2,768	2,703	2,705	2,690	2,642	2,610	2,629	2,389	2,342
18 to 19 years	4,326	4,345	4,326	4,260	4,192	4,088	4,065	4,067	4,060	4,027	4,167	4,313	3,998
20 to 24 years	14,264	14,194	14,086	14,078	13,970	13,935	13,816	13,788	13,811	13,730	13,820	13,778	13,723
25 years and over	79,464	79,453	79,028	79,228	79,202	78,881	78,960	79,045	78,978	78,973	79,509	79,598	79,696
25 to 54 years	64,930	65,014	64,676	64,829	64,868	64,567	64,722	64,853	64,648	64,670	65,069	65,197	65,385
55 years and over	14,535	14,471	14,372	14,377	14,337	14,332	14,282	14,158	14,299	14,298	14,449	14,379	14,392
Males, 16 years and over	57,640	57,551	57,471	57,266	57,051	56,725	56,629	56,658	56,472	56,401	56,820	56,223	56,192
16 to 19 years	3,766	3,760	3,778	3,762	3,697	3,603	3,582	3,561	3,466	3,412	3,560	3,238	3,196
16 to 17 years	1,498	1,501	1,533	1,522	1,495	1,448	1,446	1,439	1,387	1,385	1,417	1,237	1,178
18 to 19 years	2,261	2,257	2,266	2,241	2,208	2,163	2,134	2,123	2,094	2,020	2,158	1,985	2,023
20 to 24 years	7,646	7,562	7,523	7,449	7,373	7,380	7,321	7,288	7,246	7,208	7,281	7,194	7,237
25 years and over	46,253	46,244	46,160	46,046	45,940	45,709	45,686	45,786	45,762	45,782	45,967	45,338	45,768
25 to 54 years	37,507	37,565	37,519	37,406	37,364	37,092	37,127	37,235	37,173	37,194	37,351	37,227	37,189
55 years and over	8,736	8,679	8,658	8,621	8,590	8,608	8,582	8,523	8,578	8,591	8,641	8,629	8,576
Females, 16 years and over	43,224	43,289	42,787	43,077	43,121	42,888	42,952	42,932	43,020	42,940	43,297	43,541	43,540
16 to 19 years	3,414	3,448	3,361	3,263	3,243	3,175	3,189	3,187	3,213	3,225	3,222	3,191	3,189
16 to 17 years	1,337	1,339	1,303	1,247	1,273	1,255	1,259	1,251	1,255	1,225	1,212	1,152	1,168
18 to 19 years	2,065	2,088	2,060	2,019	1,984	1,925	1,931	1,944	1,966	2,007	2,009	2,328	1,975
20 to 24 years	6,618	6,632	6,563	6,629	6,597	6,555	6,495	6,500	6,565	6,523	6,539	6,584	6,486
25 years and over	33,211	33,209	32,868	33,182	33,262	33,172	33,274	33,259	33,216	33,192	33,542	33,766	33,932
25 to 54 years	27,423	27,449	27,157	27,423	27,504	27,475	27,595	27,618	27,475	27,476	27,718	27,970	28,155
55 years and over	5,799	5,792	5,714	5,756	5,747	5,724	5,701	5,635	5,721	5,707	5,808	5,750	5,816

A-41. Unemployed persons by sex and age, seasonally adjusted

[In thousands]

Sex and age	1981						1982						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
Total, 16 years and over	7,824	7,978	8,236	8,669	9,100	9,571	9,298	9,575	9,854	10,307	10,549	10,427	10,790
16 to 19 years	1,654	1,694	1,749	1,801	1,886	1,853	1,872	1,938	1,870	1,979	2,037	1,843	2,018
16 to 17 years	699	746	772	757	808	759	760	792	775	851	891	742	929
18 to 19 years	938	931	983	1,062	1,080	1,098	1,098	1,149	1,099	1,130	1,126	1,126	1,182
20 to 24 years	1,847	1,949	1,972	2,054	2,088	2,168	2,161	2,271	2,293	2,374	2,303	2,321	2,335
25 years and over	4,324	4,328	4,540	4,828	5,091	5,481	5,282	5,401	5,748	5,962	6,095	6,326	6,428
25 to 54 years	3,786	3,819	4,010	4,255	4,536	4,804	4,649	4,756	5,066	5,186	5,428	5,474	5,525
55 years and over	534	526	572	574	562	620	624	630	691	752	732	834	797
Males, 16 years and over	4,171	4,385	4,506	4,798	5,133	5,578	5,338	5,384	5,610	5,846	6,029	6,065	6,161
16 to 19 years	873	926	937	947	1,028	1,035	1,016	1,033	1,062	1,104	1,125	1,034	1,073
16 to 17 years	372	411	421	408	438	424	433	429	445	454	506	429	459
18 to 19 years	494	505	521	537	587	616	581	604	621	647	606	628	618
20 to 24 years	1,005	1,120	1,131	1,194	1,245	1,278	1,284	1,324	1,346	1,377	1,333	1,347	1,371
25 years and over	2,292	2,361	2,455	2,670	2,834	3,199	3,055	3,071	3,247	3,383	3,423	3,726	3,698
25 to 54 years	1,990	2,067	2,173	2,386	2,522	2,762	2,662	2,675	2,820	2,895	3,031	3,225	3,265
55 years and over	310	303	317	333	333	397	383	377	431	461	428	457	428
Females, 16 years and over	3,653	3,593	3,730	3,871	3,967	3,993	3,960	4,191	4,243	4,461	4,520	4,362	4,629
16 to 19 years	781	768	812	854	858	818	856	905	808	875	912	808	945
16 to 17 years	327	335	351	349	370	335	327	363	330	397	385	313	371
18 to 19 years	444	426	462	525	493	482	517	545	478	483	520	495	564
20 to 24 years	842	829	841	860	843	890	877	947	947	998	969	974	964
25 years and over	2,032	1,967	2,085	2,158	2,257	2,282	2,228	2,330	2,501	2,578	2,673	2,600	2,730
25 to 54 years	1,796	1,752	1,837	1,909	2,014	2,042	1,587	2,081	2,246	2,291	2,397	2,249	2,360
55 years and over	224	223	255	241	229	223	241	253	260	291	304	367	369

A-42. Employed persons by selected social and economic categories, seasonally adjusted

(In thousands)

Category	1981						1982						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
CHARACTERISTIC													
Total, 16 years and over	100864	100840	100258	100343	100172	99,613	99,581	99,590	99,492	99,340	100117	99,764	99,732
Married men, spouse present	38,961	38,961	38,855	38,746	38,553	38,342	38,234	38,255	38,181	38,142	38,312	38,354	38,213
Married women, spouse present	24,159	24,043	23,626	23,874	23,820	23,691	23,744	23,727	23,900	23,831	24,213	24,491	24,223
OCCUPATION													
White-collar workers	52,907	53,141	52,908	53,199	53,086	53,084	52,836	52,841	52,763	53,177	53,705	53,586	53,685
Professional and technical	16,364	16,621	16,598	16,681	16,657	16,774	16,803	16,612	16,659	16,844	16,818	17,053	17,292
Managers and administrators, except farm	11,578	11,463	11,533	11,616	11,461	11,424	11,091	11,253	11,311	11,501	11,581	11,534	11,355
Sales workers	6,373	6,490	6,441	6,400	6,418	6,450	6,520	6,544	6,637	6,603	6,587	6,547	6,567
Clerical workers	18,592	18,570	18,336	18,502	18,550	18,436	18,423	18,432	18,155	18,229	18,759	18,492	18,471
Blue-collar workers	31,580	31,611	31,266	30,953	30,683	30,344	30,203	30,309	30,416	29,924	29,926	29,716	29,609
Craft and kindred workers	12,787	12,724	12,514	12,446	12,411	12,446	12,370	12,454	12,511	12,492	12,316	12,207	12,229
Operatives, except transport	10,719	10,658	10,524	10,410	10,220	10,169	9,966	9,955	9,860	9,688	9,585	9,655	9,453
Transport equipment operatives	3,526	3,530	3,506	3,580	3,438	3,368	3,415	3,503	3,397	3,400	3,419	3,414	3,439
Nonfarm laborers	4,548	4,699	4,722	4,517	4,614	4,361	4,451	4,397	4,648	4,343	4,607	4,441	4,488
Service workers	13,526	13,282	13,391	13,525	13,670	13,639	13,709	13,612	13,526	13,555	13,738	13,791	13,638
Farm workers	2,727	2,753	2,743	2,770	2,802	2,660	2,817	2,787	2,710	2,623	2,731	2,660	2,750
MAJOR INDUSTRY AND CLASS OF WORKER													
Agriculture:													
Wage and salary workers	1,495	1,501	1,461	1,502	1,436	1,352	1,377	1,426	1,416	1,423	1,581	1,431	1,530
Self-employed workers	1,593	1,638	1,643	1,631	1,641	1,602	1,674	1,596	1,644	1,664	1,698	1,676	1,678
Unpaid family workers	244	255	256	261	321	228	380	359	277	270	236	251	250
Nonagricultural industries:													
Wage and salary workers	89,971	89,995	89,376	89,460	89,238	88,991	88,759	88,586	88,526	88,322	89,051	88,636	88,541
Government	15,637	15,526	15,475	15,491	15,397	15,565	15,578	15,527	15,492	15,453	15,422	15,635	15,443
Private industries	74,334	74,469	73,901	73,969	73,841	73,406	73,181	73,059	73,034	72,869	73,629	72,970	73,098
Private households	1,216	1,259	1,102	1,162	1,204	1,291	1,248	1,161	1,225	1,192	1,202	1,201	1,200
Other industries	73,118	73,210	72,799	72,807	72,637	72,115	71,932	71,898	71,809	71,677	72,427	71,770	71,898
Self-employed workers	7,071	7,103	7,217	7,152	7,141	7,057	6,971	7,055	7,126	7,264	7,269	7,319	7,268
Unpaid family workers	389	387	399	451	425	410	410	408	434	413	382	397	390
PERSONS AT WORK[1]													
Nonagricultural industries	92,532	91,569	90,878	91,384	91,323	90,922	90,125	90,892	90,548	90,596	91,282	91,020	90,501
Full-time schedules	75,620	74,467	73,794	73,886	73,915	73,360	72,803	73,028	72,649	72,335	73,036	72,662	72,430
Part-time for economic reasons	4,374	4,350	4,656	5,009	5,026	5,288	5,071	5,563	5,717	5,834	5,763	5,444	5,492
Usually work full-time	1,680	1,729	1,759	2,036	1,945	2,121	1,783	2,193	2,237	2,223	2,211	2,064	2,001
Usually work part-time	2,694	2,621	2,897	3,003	3,081	3,167	3,287	3,370	3,480	3,611	3,552	3,380	3,491
Part time for noneconomic reasons	12,538	12,752	12,428	12,489	12,382	12,274	12,251	12,300	12,183	12,427	12,483	12,914	12,579

[1] Excludes persons "with a job but not at work" during the survey period for such reasons as vacation, illness, or industrial dispute.

HOUSEHOLD DATA

A-43. Employment status of male Vietnam-era veterans and nonveterans by age

(Numbers in thousands)

Veteran status and age	Not seasonally adjusted									
	Civilian noninstitutional population		Civilian labor force							
			Total		Employed		Unemployed			
							Number		Percent of labor force	
	July 1981	July 1982	July 1981	July 1982	July 1981	July 1982	July 1981	July 1982	July 1981	July 1982
VETERANS										
Total, 25 years and over	8,560	8,695	8,151	8,204	7,753	7,523	398	681	4.9	8.3
25 to 39 years	7,319	7,129	7,075	6,834	6,708	6,228	367	606	5.2	8.9
25 to 29 years	1,478	1,202	1,389	1,132	1,290	963	99	169	7.1	14.9
30 to 34 years	3,313	2,917	3,223	2,801	3,076	2,562	147	239	4.6	8.5
35 to 39 years	2,528	3,010	2,463	2,901	2,342	2,703	121	198	4.9	6.8
40 years and over	1,241	1,566	1,076	1,370	1,045	1,295	31	75	2.9	5.5
NONVETERANS										
Total, 25 to 39 years	17,260	18,264	16,303	17,345	15,350	15,741	953	1,604	5.8	9.2
25 to 29 years	7,873	8,184	7,437	7,748	6,941	6,885	496	863	6.7	11.1
30 to 34 years	5,530	5,987	5,242	5,715	4,913	5,239	329	476	6.3	8.3
35 to 39 years	3,857	4,093	3,624	3,882	3,496	3,617	128	265	3.5	6.8

NOTE: Vietnam-era veterans are males who served in the Armed Forces between August 5, 1964 and May 7, 1975. Nonveterans are males who have never served in the Armed Forces; published data are limited to those 25 to 39 years of age, the group that most closely corresponds to the bulk of the Vietnam-era veteran population.

B-1. Employees on nonagricultural payrolls by industry division, 1930 to date

(In thousands)

Year and month	Total	Goods-producing				Service-producing									
		Total	Mining	Construction	Manufacturing	Total	Transportation and public utilities	Wholesale and retail trade			Finance, insurance, and real estate	Services	Government		
								Total	Wholesale trade	Retail trade			Total	Federal	State and local
Annual averages															
1930	29,409	11,958	1,009	1,387	9,562	17,451	3,685	5,797	–	–	1,460	3,361	3,148	526	2,622
1931	26,635	10,272	873	1,229	8,170	16,363	3,254	5,284	–	–	1,392	3,169	3,264	560	2,704
1932	23,615	8,647	731	985	6,931	14,968	2,816	4,683	–	–	1,326	2,918	3,225	559	2,666
1933	23,699	8,965	744	824	7,397	14,734	2,672	4,755	–	–	1,280	2,861	3,166	565	2,601
1934	25,940	10,261	883	877	8,501	15,679	2,750	5,281	–	–	1,304	3,045	3,299	652	2,647
1935	27,039	10,893	897	927	9,069	16,146	2,786	5,431	–	–	1,320	3,128	3,481	753	2,728
1936	29,068	11,933	946	1,160	9,827	17,135	2,973	5,809	–	–	1,373	3,312	3,668	826	2,842
1937	31,011	12,936	1,015	1,127	10,794	18,075	3,134	6,265	–	–	1,417	3,503	3,756	833	2,923
1938	29,194	11,401	891	1,070	9,440	17,793	2,863	6,179	–	–	1,410	3,458	3,883	829	3,054
1939	30,603	12,297	854	1,165	10,278	18,306	2,936	6,426	1,762	4,664	1,447	3,502	3,995	905	3,090
1940	32,361	13,221	925	1,311	10,985	19,140	3,038	6,750	1,835	4,914	1,485	3,665	4,202	996	3,206
1941	36,539	15,963	957	1,814	13,192	20,574	3,274	7,210	1,960	5,251	1,525	3,905	4,660	1,340	3,320
1942	40,106	18,470	992	2,198	15,280	21,636	3,460	7,118	1,906	5,212	1,509	4,066	5,483	2,213	3,270
1943	42,434	20,114	925	1,587	17,602	22,320	3,647	6,982	1,822	5,160	1,481	4,130	6,080	2,905	3,175
1944	41,864	19,328	892	1,108	17,328	22,536	3,829	7,058	1,845	5,214	1,461	4,145	6,043	2,928	3,116
1945	40,374	17,507	836	1,147	15,524	22,867	3,906	7,314	1,949	5,365	1,481	4,222	5,944	2,808	3,137
1946	41,652	17,248	862	1,683	14,703	24,404	4,061	8,376	2,291	6,084	1,675	4,697	5,595	2,254	3,341
1947	43,857	18,509	955	2,009	15,545	25,348	4,166	8,955	2,471	6,485	1,728	5,025	5,474	1,892	3,582
1948	44,866	18,774	994	2,198	15,582	26,092	4,189	9,272	2,605	6,667	1,800	5,181	5,650	1,863	3,787
1949	43,754	17,565	930	2,194	14,441	26,189	4,001	9,264	2,602	6,662	1,828	5,240	5,856	1,908	3,948
1950	45,197	18,506	901	2,364	15,241	26,691	4,034	9,386	2,635	6,751	1,888	5,357	6,026	1,928	4,098
1951	47,819	19,959	929	2,637	16,393	27,860	4,226	9,742	2,727	7,015	1,956	5,547	6,389	2,302	4,087
1952	48,793	20,198	898	2,668	16,632	28,595	4,248	10,004	2,812	7,192	2,035	5,699	6,609	2,420	4,188
1953	50,202	21,074	866	2,659	17,549	29,128	4,290	10,247	2,854	7,393	2,111	5,835	6,645	2,305	4,340
1954	48,990	19,751	791	2,646	16,314	29,239	4,084	10,235	2,867	7,368	2,200	5,969	6,751	2,188	4,563
1955	50,641	20,513	792	2,839	16,882	30,128	4,141	10,535	2,926	7,610	2,298	6,240	6,914	2,187	4,727
1956	52,369	21,104	822	3,039	17,243	31,266	4,244	10,858	3,018	7,840	2,389	6,497	7,278	2,209	5,069
1957	52,853	20,964	828	2,962	17,174	31,889	4,241	10,886	3,028	7,858	2,438	6,708	7,616	2,217	5,395
1958	51,324	19,513	751	2,817	15,945	31,811	3,976	10,750	2,980	7,770	2,481	6,765	7,839	2,191	5,648
1959[1]	53,268	20,411	732	3,004	16,675	32,857	4,011	11,127	3,082	8,045	2,549	7,087	8,083	2,233	5,850
1960	54,189	20,434	712	2,926	16,796	33,755	4,004	11,391	3,143	8,248	2,629	7,378	8,353	2,270	6,083
1961	53,999	19,857	672	2,859	16,326	34,142	3,903	11,337	3,133	8,204	2,688	7,620	8,594	2,279	6,315
1962	55,549	20,451	650	2,948	16,853	35,098	3,906	11,566	3,198	8,368	2,754	7,982	8,890	2,340	6,550
1963	56,653	20,640	635	3,010	16,995	36,013	3,903	11,778	3,248	8,530	2,830	8,277	9,225	2,358	6,868
1964	58,283	21,005	634	3,097	17,274	37,278	3,951	12,160	3,337	8,823	2,911	8,660	9,596	2,348	7,248
1965	60,765	21,926	632	3,232	18,062	38,839	4,036	12,716	3,466	9,250	2,977	9,036	10,074	2,378	7,696
1966	63,901	23,158	627	3,317	19,214	40,743	4,158	13,245	3,597	9,648	3,058	9,498	10,784	2,564	8,220
1967	65,803	23,308	613	3,248	19,447	42,495	4,268	13,606	3,689	9,917	3,185	10,045	11,391	2,719	8,672
1968	67,897	23,737	606	3,350	19,781	44,160	4,318	14,099	3,779	10,320	3,337	10,567	11,839	2,737	9,102
1969	70,384	24,361	619	3,575	20,167	46,023	4,442	14,705	3,907	10,798	3,512	11,169	12,195	2,758	9,437
1970	70,880	23,578	623	3,588	19,367	47,302	4,515	15,040	3,993	11,047	3,645	11,548	12,554	2,731	9,823
1971	71,214	22,935	609	3,704	18,623	48,278	4,476	15,352	4,001	11,351	3,772	11,797	12,881	2,696	10,185
1972	73,675	23,668	628	3,889	19,151	50,007	4,541	15,949	4,113	11,836	3,908	12,276	13,334	2,684	10,649
1973	76,790	24,893	642	4,097	20,154	51,897	4,656	16,607	4,277	12,329	4,046	12,857	13,732	2,663	11,068
1974	78,265	24,794	697	4,020	20,077	53,471	4,725	16,987	4,433	12,554	4,148	13,441	14,170	2,724	11,446
1975	76,945	22,600	752	3,525	18,323	54,345	4,542	17,060	4,415	12,645	4,165	13,892	14,686	2,748	11,937
1976	79,382	23,352	779	3,576	18,997	56,030	4,582	17,755	4,546	13,209	4,271	14,551	14,871	2,733	12,138
1977	82,471	24,346	813	3,851	19,682	58,125	4,713	18,516	4,708	13,808	4,467	15,303	15,127	2,727	12,399
1978	86,697	25,585	851	4,229	20,505	61,113	4,923	19,542	4,969	14,573	4,724	16,252	15,672	2,753	12,919
1979	89,823	26,461	958	4,463	21,040	63,363	5,136	20,192	5,204	14,989	4,975	17,112	15,947	2,773	13,174
1980	90,406	25,658	1,027	4,346	20,285	64,748	5,146	20,310	5,275	15,035	5,160	17,890	16,241	2,866	13,375
1981	91,105	25,481	1,132	4,176	20,173	65,625	5,157	20,551	5,359	15,192	5,301	18,592	16,024	2,772	13,253
Monthly data, seasonally adjusted															
1981:															
July	91,396	25,718	1,164	4,175	20,379	65,678	5,168	20,620	5,375	15,245	5,311	18,615	15,964	2,775	13,189
August	91,322	25,637	1,180	4,146	20,311	65,685	5,168	20,650	5,387	15,263	5,319	18,654	15,894	2,769	13,125
September	91,363	25,563	1,192	4,124	20,267	65,780	5,181	20,660	5,383	15,277	5,328	18,707	15,904	2,764	13,140
October	91,224	25,393	1,195	4,101	20,097	65,831	5,162	20,654	5,380	15,274	5,325	18,773	15,917	2,757	13,160
November	90,996	25,176	1,202	4,071	19,903	65,820	5,150	20,623	5,375	15,248	5,324	18,815	15,908	2,749	13,159
December	90,642	24,908	1,206	4,026	19,676	65,734	5,128	20,524	5,357	15,167	5,331	18,834	15,917	2,756	13,161
1982:															
January	90,460	24,684	1,201	3,966	19,517	65,776	5,125	20,630	5,346	15,284	5,326	18,831	15,864	2,741	13,123
February	90,459	24,631	1,203	3,974	19,454	65,828	5,115	20,670	5,343	15,327	5,326	18,867	15,850	2,737	13,113
March	90,308	24,450	1,197	3,934	19,319	65,854	5,100	20,655	5,336	15,319	5,336	18,904	15,859	2,736	13,123
April	90,083	24,289	1,182	3,938	19,169	65,794	5,094	20,584	5,323	15,261	5,335	18,929	15,852	2,730	13,122
May	90,166	24,255	1,152	3,988	19,115	65,911	5,101	20,652	5,331	15,321	5,342	18,963	15,853	2,728	13,125
June p/	89,860	23,992	1,121	3,942	18,929	65,868	5,081	20,602	5,307	15,295	5,356	19,012	15,817	2,739	13,078
July p/	89,843	23,878	1,107	3,932	18,839	65,965	5,058	20,629	5,298	15,331	5,362	19,066	15,850	2,748	13,102

[1] Data include Alaska and Hawaii beginning 1959. This inclusion has resulted in an increase of 212,000 (0.4 percent) in the nonagricultural total for the March 1959 benchmark month.

p = preliminary.

NOTE: Data from April 1981 forward are subject to revision when more recent benchmark data are introduced. See "Benchmark adjustment" in the Explanatory Notes of this publication.

ESTABLISHMENT DATA
EMPLOYMENT

B-2. Employees on nonagricultural payrolls by industry

[In thousands]

1972 SIC Code	Industry	All employees					Production workers[1]				
		June 1981	July 1981	May 1982	June 1982P	July 1982P	June 1981	July 1981	May 1982	June 1982P	July 1982P
	TOTAL	92,056	91,107	90,455	90,596	89,539	-	-	-	-	-
	PRIVATE SECTOR	75,888	75,773	74,295	74,440	74,325	61,630	61,456	60,027	60,326	60,018
	MINING	1,159	1,184	1,153	1,142	1,126	854	872	832	817	805
10	METAL MINING	107.0	105.3	77.4	72.0	-	80.6	78.5	56.9	51.9	-
101	Iron ores	23.0	21.7	14.4	10.4	-	18.2	16.8	11.0	7.3	-
102	Copper ores	37.1	35.7	25.3	23.9	-	28.5	27.2	19.2	17.0	-
11, 12	COAL MINING	233.7	247.6	244.6	240.3	-	192.9	204.3	201.3	196.7	-
12	BITUMINOUS COAL AND LIGNITE MINING	230.1	244.1	241.2	236.6	-	189.7	201.2	198.3	193.7	-
13	OIL AND GAS EXTRACTION	698.1	706.6	716.8	712.5	-	485.0	493.0	496.5	478.3	-
131, 2	Crude petroleum, natural gas, and natural gas liquids	269.4	276.4	285.6	292.2	-	119.0	122.3	124.3	128.0	-
138	Oil and gas field services	428.7	430.2	431.2	420.3	-	366.0	370.7	362.2	350.3	-
14	NONMETALLIC MINERALS, EXCEPT FUELS	124.3	124.3	118.6	117.2	-	95.9	95.8	87.6	89.8	-
142	Crushed and broken stone	39.2	39.1	36.4	37.3	-	32.1	32.1	29.4	30.1	-
144	Sand and gravel	36.1	36.5	32.1	34.6	-	-	-	-	-	-
147	Chemical and fertilizer minerals	27.7	27.9	25.1	24.0	-	-	-	-	-	-
	CONSTRUCTION	4,350	4,415	3,996	4,092	4,152	3,408	3,469	3,086	3,173	3,232
15	GENERAL BUILDING CONTRACTORS	1,131.7	1,155.6	986.8	1,015.9	-	855.6	881.1	732.9	759.0	-
152	Residential building construction	544.8	558.6	471.9	494.2	-	398.0	412.5	338.2	358.7	-
153	Operative builders	63.5	62.3	50.0	51.0	-	35.5	35.2	25.4	25.8	-
154	Nonresidential building construction	523.4	534.7	464.9	470.7	-	422.1	433.4	369.3	374.5	-
16	HEAVY CONSTRUCTION CONTRACTORS	960.7	977.7	882.0	913.2	-	780.3	795.4	707.7	738.7	-
161	Highway and street construction	281.8	289.9	236.1	251.6	-	238.7	246.9	197.9	213.0	-
162	Heavy construction, except highway	678.9	687.8	645.9	658.6	-	541.6	548.5	509.8	525.7	-
17	SPECIAL TRADE CONTRACTORS	2,257.4	2,281.6	2,127.4	2,165.7	-	1,772.2	1,792.6	1,685.1	1,675.1	-
171	Plumbing, heating, air conditioning	526.8	532.2	494.4	500.3	-	389.0	393.7	358.5	362.2	-
172	Painting, paper hanging, decorating	144.4	150.7	134.9	139.7	-	120.8	126.2	112.2	116.4	-
173	Electrical work	413.6	416.9	398.3	400.4	-	318.3	321.3	303.5	304.4	-
174	Masonry, stonework, and plastering	338.1	339.9	308.7	313.6	-	289.3	291.1	260.4	264.6	-
175	Carpentering and flooring	126.8	126.7	112.7	115.8	-	95.7	95.7	83.3	86.0	-
176	Roofing and sheet metal work	159.9	163.3	152.2	157.7	-	129.2	132.6	120.2	120.9	-
	MANUFACTURING	20,445	20,246	19,043	19,035	18,720	14,267	14,043	12,958	12,948	12,671
24, 25, 32-39	DURABLE GOODS	12,317	12,179	11,314	11,271	11,078	8,486	8,330	7,549	7,510	7,382
20-23, 26-31	NONDURABLE GOODS	8,128	8,067	7,729	7,764	7,642	5,781	5,713	5,409	5,438	5,329
	DURABLE GOODS										
24	LUMBER AND WOOD PRODUCTS	699.4	696.9	615.4	628.9	629.1	585.6	582.7	505.6	519.4	520.5
241	Logging camps and logging contractors	84.8	87.6	74.2	81.4	-	67.1	69.8	56.8	63.9	-
242	Sawmills and planing mills	216.6	215.5	193.4	195.6	-	192.5	190.9	169.7	171.8	-
2421	Sawmills and planing mills, general	180.8	181.2	162.4	164.2	-	151.4	151.2	142.9	144.7	-
2426	Hardwood dimension and flooring	31.1	29.7	26.6	27.4	-	27.0	25.6	22.8	23.6	-
243	Millwork, plywood, and structural members	200.0	197.4	171.0	175.1	-	166.1	163.3	138.1	142.0	-
2431	Millwork	70.5	70.0	60.9	63.7	-	57.0	56.3	47.4	50.2	-
2434	Wood kitchen cabinets	47.6	47.3	40.7	40.9	-	38.6	38.2	31.9	32.0	-
2435	Hardwood veneer and plywood	25.8	24.7	22.3	22.0	-	22.7	21.7	19.4	19.1	-
2436	Softwood veneer and plywood	41.0	40.4	34.2	35.3	-	36.5	36.0	29.8	30.9	-
244	Wood containers	43.5	43.2	40.5	41.0	-	37.5	37.0	34.1	34.6	-
245	Wood buildings and mobile homes	70.9	71.4	62.2	61.9	-	52.5	53.2	45.6	45.9	-
2451	Mobile homes	50.6	50.4	48.3	48.0	-	38.9	39.0	37.1	37.3	-
249	Miscellaneous wood products	83.6	81.8	74.1	73.9	-	69.9	68.5	61.3	61.2	-
25	FURNITURE AND FIXTURES	470.9	462.3	439.6	441.1	432.0	380.1	371.9	347.3	348.1	341.4
251	Household furniture	302.4	294.4	274.6	273.1	-	253.3	246.1	226.4	224.7	-
2511	Wood household furniture	135.7	131.7	122.4	121.2	-	117.8	114.3	105.0	103.7	-
2512	Upholstered household furniture	90.1	88.6	83.1	83.1	-	73.9	72.5	66.7	66.6	-
2514	Metal household furniture	31.5	29.1	28.8	28.4	-	25.5	23.4	23.0	22.7	-
2515	Mattresses and bedsprings	39.2	39.8	28.6	28.3	-	24.0	23.6	21.5	21.2	-
252	Office furniture	54.0	52.2	53.9	54.3	-	42.2	41.5	41.3	41.7	-
253	Public building and related furniture	23.5	23.2	22.5	23.5	-	17.7	17.4	16.7	17.7	-
254	Partitions and fixtures	61.2	61.9	58.2	58.8	-	46.0	46.3	42.4	42.9	-
259	Miscellaneous furniture and fixtures	29.8	29.6	30.4	31.4	-	20.9	20.6	20.5	21.1	-

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry – Continued

[In thousands]

1972 SIC Code	Industry	All employees					Production workers[1]				
		June 1981	July 1981	May 1982	June 1982P	July 1982P	June 1981	July 1981	May 1982	June 1982P	July 1982P
32	**STONE, CLAY, AND GLASS PRODUCTS**	658.2	659.2	587.9	592.0	585.3	509.1	505.2	445.2	449.8	441.9
321	Flat glass	19.3	18.5	15.8	15.9	-	14.7	14.3	12.0	12.3	-
322	Glass and glassware, pressed or blown	124.2	122.9	112.0	111.7	-	105.1	104.1	93.5	93.6	-
3221	Glass containers	70.1	69.7	64.5	64.7	-	61.6	61.4	56.5	56.9	-
3229	Pressed and blown glass, nec	54.1	53.2	47.5	47.0	-	43.5	42.7	37.0	36.7	-
323	Products of purchased glass	45.6	44.8	41.0	41.5	-	30.9	29.9	27.2	27.5	-
324	Cement, hydraulic	31.2	31.7	29.1	29.3	-	24.9	25.4	22.9	23.1	-
325	Structural clay products	43.7	42.7	34.5	35.1	-	33.5	32.5	25.3	25.9	-
326	Pottery and related products	42.6	42.3	39.1	39.2	-	35.0	34.4	31.6	31.8	-
327	Concrete, gypsum, and plaster products	201.7	201.3	180.6	184.6	-	155.6	155.6	137.1	140.6	-
3271	Concrete block and brick	20.3	19.9	18.4	19.0	-	14.1	13.8	12.5	12.9	-
3272	Concrete products, nec	67.2	66.9	61.3	62.2	-	49.9	50.1	45.3	45.9	-
3273	Ready mixed concrete	94.4	94.5	83.1	85.4	-	75.4	75.5	65.0	67.3	-
329	Misc. nonmetallic mineral products	137.8	137.9	123.6	122.4	-	99.3	99.1	85.8	85.2	-
3291	Abrasive products	28.1	27.8	25.1	25.0	-	19.1	18.8	16.0	15.9	-
3292	Asbestos products	16.1	15.9	14.2	14.0	-	12.4	12.2	10.4	10.4	-
3296	Mineral wool	30.0	30.5	27.0	27.2	-	-	-	-	-	-
33	**PRIMARY METAL INDUSTRIES**	1,148.1	1,128.4	948.3	935.6	919.0	885.6	866.0	704.8	694.6	680.9
331	Blast furnace and basic steel products	520.8	515.8	410.2	402.1	-	404.8	401.0	305.2	298.7	-
3312	Blast furnaces and steel mills	434.2	430.4	337.9	330.5	-	338.4	335.6	251.7	245.8	-
3317	Steel pipe and tubes	32.6	32.2	27.9	27.4	-	25.6	25.2	20.9	20.6	-
332	Iron and steel foundries	204.8	200.6	162.4	161.6	-	164.6	159.6	124.9	124.2	-
3321	Gray iron foundries	123.9	121.3	96.8	96.9	-	101.8	98.5	76.7	76.9	-
3322	Malleable iron foundries	16.7	15.8	12.7	13.3	-	13.0	12.2	9.3	9.9	-
3325	Steel foundries, nec	51.0	50.7	41.0	39.7	-	40.2	39.8	31.0	29.7	-
333	Primary nonferrous metals	71.2	70.5	60.1	58.7	-	53.8	53.2	43.3	42.1	-
3334	Primary aluminum	37.9	37.3	30.6	29.9	-	29.6	29.1	22.8	22.1	-
335	Nonferrous rolling and drawing	210.1	204.5	189.6	188.1	-	150.9	144.8	134.4	133.0	-
3351	Copper rolling and drawing	30.4	30.0	25.5	25.2	-	22.8	22.3	18.9	18.6	-
3353	Aluminum sheet, plate, and foil	36.0	33.7	30.9	30.6	-	27.6	25.3	23.7	23.5	-
3357	Nonferrous wire drawing and insulating	88.1	85.3	82.1	81.6	-	63.4	60.5	57.9	57.6	-
336	Nonferrous foundries	91.7	88.1	80.8	80.6	-	74.5	70.5	63.9	63.9	-
3361	Aluminum foundries	53.3	50.9	46.6	46.2	-	44.4	41.5	37.7	37.4	-
34	**FABRICATED METAL PRODUCTS**	1,616.6	1,593.6	1,469.8	1,460.2	1,428.1	1,195.6	1,172.5	1,056.3	1,054.6	1,026.8
341	Metal cans and shipping containers	72.9	72.1	67.7	68.1	-	61.9	61.7	56.9	57.5	-
3411	Metal cans	59.7	59.0	55.3	55.7	-	51.2	51.1	47.3	47.8	-
342	Cutlery, hand tools, and hardware	162.5	158.6	138.6	138.2	-	125.1	120.8	101.8	101.2	-
3423,5	Hand and edge tools, and hand saws and blades	55.8	54.2	46.7	46.1	-	42.8	41.1	34.9	34.1	-
3429	Hardware, nec	91.6	89.4	78.2	78.5	-	70.9	68.5	57.5	57.8	-
343	Plumbing and heating, except electric	68.7	68.2	65.5	65.3	-	49.4	48.9	45.2	45.3	-
3432	Plumbing fittings and brass goods	27.0	26.8	27.0	27.1	-	21.7	21.5	21.3	21.3	-
3433	Heating equipment, except electric	30.7	31.0	28.1	27.8	-	20.2	20.5	17.4	17.3	-
344	Fabricated structural metal products	512.3	511.7	466.1	465.0	-	349.5	348.7	311.1	310.9	-
3441	Fabricated structural metal	100.2	100.9	91.0	89.8	-	71.5	71.9	63.6	62.7	-
3442	Metal doors, sash, and trim	82.6	83.2	75.3	77.9	-	60.6	60.7	53.9	56.1	-
3443	Fabricated plate work (boiler shops)	150.6	148.6	135.1	132.4	-	91.1	89.7	79.5	77.5	-
3444	Sheet metal work	109.2	109.3	102.7	102.4	-	79.6	79.8	73.4	73.0	-
3446	Architectural metal work	31.0	30.6	28.1	28.2	-	21.9	21.5	19.1	19.3	-
345	Screw machine products, bolts, etc	106.5	104.5	93.9	93.1	-	82.0	80.0	70.1	69.4	-
3451	Screw machine products	48.4	47.4	44.0	43.8	-	39.4	38.5	34.5	34.3	-
3452	Bolts, nuts, rivets, and washers	58.1	57.1	49.9	49.3	-	42.6	41.5	35.6	35.1	-
346	Metal forgings and stampings	266.7	254.0	232.7	232.0	-	212.1	200.5	183.3	182.8	-
3462	Iron and steel forgings	44.8	44.2	36.0	35.3	-	34.6	34.3	27.3	26.9	-
3465	Automotive stampings	101.6	93.0	89.0	90.0	-	84.7	76.7	75.1	76.0	-
3469	Metal stampings, nec	107.6	104.7	96.0	95.1	-	83.0	80.1	72.0	71.2	-
347	Metal services, nec	103.0	102.5	95.7	96.1	-	83.1	82.5	75.7	76.5	-
3471	Plating and polishing	70.1	69.7	65.1	65.3	-	57.4	57.0	52.6	53.1	-
3479	Metal coating and allied services	32.9	32.8	30.6	30.8	-	25.7	25.5	23.1	23.4	-
348	Ordnance and accessories, nec	69.2	69.3	71.4	72.3	-	45.1	44.5	45.8	46.8	-
3483	Ammunition, exc. for small arms, nec	26.7	26.4	26.8	27.1	-	17.5	17.0	17.6	17.9	-
349	Misc. fabricated metal products	254.8	252.7	233.2	230.1	-	187.4	184.9	166.4	164.2	-
3494	Valves and pipe fittings	105.7	105.1	97.6	95.7	-	72.6	71.9	64.7	63.3	-
3496	Misc. fabricated wire products	53.6	53.3	51.0	50.8	-	41.7	41.2	38.5	38.4	-
35	**MACHINERY, EXCEPT ELECTRICAL**	2,524.9	2,512.2	2,372.7	2,323.6	2,260.7	1,600.1	1,581.7	1,452.9	1,410.8	1,358.4
351	Engines and turbines	133.7	134.0	119.0	116.0	-	85.3	85.1	73.5	70.6	-
3511	Turbines and turbine generator sets	45.5	45.4	43.6	43.4	-	23.8	23.7	23.2	22.9	-
3519	Internal combustion engines, nec	88.2	88.6	75.4	72.6	-	61.5	61.4	50.3	47.7	-
352	Farm and garden machinery	156.1	154.8	141.3	135.4	-	104.8	104.1	94.3	89.3	-
3523	Farm machinery and equipment	138.3	137.6	117.6	115.3	-	92.6	92.4	77.0	75.5	-
353	Construction and related machinery	402.9	403.4	374.3	350.4	-	265.2	264.2	237.2	218.6	-
3531	Construction machinery	145.0	143.3	128.1	116.7	-	96.6	98.4	79.4	71.1	-

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry—Continued

[In thousands]

1972 SIC Code	Industry	All employees					Production workers[1]				
		June 1981	July 1981	May 1982	June 1982P	July 1982P	June 1981	July 1981	May 1982	June 1982P	July 1982P
	MACHINERY, EXCEPT ELECTRICAL—Continued										
3532	Mining machinery	37.8	38.3	35.0	33.8	-	23.4	23.7	21.3	20.3	-
3533	Oil field machinery	119.7	121.2	121.0	111.4	-	83.5	84.4	83.8	75.8	-
3535	Conveyors and conveying equipment	35.1	35.2	33.1	32.3	-	19.8	19.9	17.6	17.0	-
3537	Industrial trucks and tractors	35.2	35.2	30.1	29.6	-	23.4	23.2	18.6	18.3	-
354	Metalworking machinery	366.3	363.0	329.9	324.9	-	265.3	260.9	231.6	227.2	-
3541	Machine tools, metal cutting types	80.2	79.7	65.9	63.8	-	52.2	51.5	40.2	38.6	-
3542	Machine tools, metal forming types	24.6	24.4	21.4	20.8	-	15.4	15.2	13.0	12.5	-
3544	Special dies, tools, jigs, and fixtures	137.3	136.2	130.2	129.5	-	109.3	107.5	101.8	101.1	-
3545	Machine tool accessories	69.5	68.4	63.2	61.5	-	49.1	47.9	42.7	41.3	-
3546	Power driven hand tools	30.7	30.5	26.5	26.5	-	23.7	23.4	19.4	19.1	-
355	Special industry machinery	201.8	199.2	183.5	180.7	-	128.4	126.1	112.8	110.1	-
3551	Food products machinery	44.3	43.7	42.2	41.8	-	28.3	27.8	27.0	26.6	-
3552	Textile machinery	26.4	25.6	22.9	22.3	-	18.3	17.6	15.2	14.7	-
3555	Printing trades machinery	39.3	39.2	38.0	38.1	-	24.4	24.3	22.8	23.0	-
356	General industrial machinery	323.9	320.4	295.6	288.4	-	210.1	206.6	186.3	181.5	-
3561	Pumps and pumping equipment	62.5	62.7	58.5	57.3	-	36.6	36.7	33.8	33.2	-
3562	Ball and roller bearings	57.6	55.7	50.0	47.8	-	44.6	42.7	37.0	35.4	-
3563	Air and gas compressors	31.9	31.2	30.2	29.8	-	19.0	18.4	16.7	16.5	-
3564	Blowers and fans	41.4	41.2	39.1	38.3	-	25.9	25.7	24.3	23.8	-
3566	Speed changers, drives, and gears	27.5	27.4	22.9	22.0	-	18.2	18.1	15.3	14.6	-
3568	Power transmission equipment, nec	23.2	22.8	21.0	20.0	-	16.3	16.1	14.4	13.5	-
357	Office and computing machines	464.8	468.5	487.0	490.6	-	187.9	187.9	194.7	195.6	-
3573	Electronic computing equipment	389.1	393.0	415.9	419.5	-	147.7	147.6	158.2	159.2	-
358	Refrigeration and service machinery	180.7	176.5	164.6	164.0	-	127.0	123.3	113.1	112.9	-
3585	Refrigeration and heating equipment	123.7	119.9	110.5	110.0	-	87.6	84.6	76.7	76.7	-
359	Misc. machinery, except electrical	294.7	292.4	277.5	273.2	-	226.1	223.5	209.4	205.0	-
3592	Carburetors, pistons, rings, valves	39.0	37.9	36.2	34.2	-	31.6	30.5	28.4	26.3	-
3599	Machinery, except electrical, nec	255.7	254.5	241.3	239.0	-	194.5	193.0	181.0	178.7	-
36	**ELECTRIC AND ELECTRONIC EQUIPMENT**	2,109.5	2,096.0	2,025.5	2,033.2	2,009.2	1,329.4	1,312.0	1,236.3	1,239.6	1,219.2
361	Electric distributing equipment	123.6	120.1	111.5	110.1	-	88.2	84.9	78.2	77.1	-
3612	Transformers	54.5	53.5	49.9	49.4	-	38.8	37.6	35.5	35.0	-
3613	Switchgear and switchboard apparatus	69.1	66.6	61.6	60.7	-	49.4	47.3	42.7	42.1	-
362	Electrical industrial apparatus	243.4	243.7	218.6	217.5	-	173.4	173.8	153.2	152.4	-
3621	Motors and generators	125.8	125.6	111.4	111.4	-	96.5	96.5	84.3	84.4	-
3622	Industrial controls	72.4	72.5	66.6	65.9	-	44.8	44.9	40.6	40.1	-
363	Household appliances	167.3	167.4	144.9	147.9	-	133.8	133.5	111.5	114.9	-
3632	Household refrigerators and freezers	37.8	37.5	31.0	31.6	-	31.2	30.9	24.5	25.2	-
3633	Household laundry equipment	22.6	22.8	19.7	18.8	-	17.9	18.1	14.9	14.0	-
3634	Electric housewares and fans	50.9	51.6	45.3	47.9	-	40.9	41.4	35.0	37.7	-
364	Electric lighting and wiring equipment	207.0	201.2	189.1	188.9	-	153.4	147.4	138.3	137.9	-
3641	Electric lamps	33.1	31.7	33.1	32.7	-	28.8	27.3	29.1	28.7	-
3643	Current-carrying wiring devices	85.1	83.7	77.7	78.7	-	58.0	56.6	51.7	52.3	-
3644	Noncurrent-carrying wiring devices	21.6	21.0	18.2	18.2	-	15.9	15.3	13.2	13.2	-
3645	Residential lighting fixtures	25.2	24.2	21.5	21.0	-	19.2	18.1	16.0	15.6	-
365	Radio and TV receiving equipment	106.7	107.7	95.7	94.9	-	76.1	76.2	65.6	64.8	-
3651	Radio and TV receiving sets	82.4	82.5	73.7	74.8	-	57.0	56.5	49.3	50.3	-
366	Communication equipment	552.5	551.6	554.7	555.3	-	268.6	267.2	261.4	261.3	-
3661	Telephone and telegraph apparatus	155.7	154.2	143.9	141.5	-	103.5	102.4	94.2	91.6	-
3662	Radio and TV communication equipment	396.8	397.4	410.8	413.8	-	165.1	164.8	167.2	169.7	-
367	Electronic components and accessories	561.9	558.7	569.8	576.5	-	329.8	324.6	327.2	329.9	-
3671-3	Electronic tubes	44.3	44.3	43.4	43.8	-	27.3	27.2	26.3	26.6	-
3674	Semiconductors and related devices	224.5	224.3	229.6	233.7	-	92.0	90.8	90.4	91.9	-
3679	Electronic components, nec	219.8	217.2	226.2	228.3	-	154.0	150.8	156.7	157.8	-
369	Misc. electrical equipment and supplies	147.1	145.6	141.2	142.1	-	106.1	104.4	100.9	101.3	-
3691	Storage batteries	28.1	27.6	27.6	27.8	-	21.9	21.2	21.3	21.4	-
3694	Engine electrical equipment	61.5	60.9	56.1	56.7	-	47.4	47.0	44.0	44.4	-
37	**TRANSPORTATION EQUIPMENT**	1,942.6	1,897.0	1,759.9	1,751.6	1,731.5	1,259.6	1,207.3	1,106.9	1,096.5	1,076.7
371	Motor vehicles and equipment	826.8	790.5	717.0	713.5	-	625.0	587.6	533.2	529.5	-
3711	Motor vehicles and car bodies	379.5	357.8	314.3	308.6	-	274.2	251.5	222.9	217.0	-
3713	Truck and bus bodies	37.7	37.9	33.4	33.1	-	28.4	28.5	25.3	25.1	-
3714	Motor vehicle parts and accessories	378.1	364.4	339.0	342.0	-	298.1	284.4	262.6	265.5	-
3715	Truck trailers	26.6	25.5	24.8	24.5	-	20.6	19.5	18.2	17.8	-
372	Aircraft and parts	651.1	647.3	613.2	611.2	-	344.7	339.4	313.3	309.4	-
3721	Aircraft	347.2	347.3	325.7	324.7	-	168.0	166.6	148.9	146.3	-
3724	Aircraft engines and engine parts	164.0	160.8	150.9	150.7	-	92.7	90.0	85.5	85.2	-
3728	Aircraft equipment, nec	139.9	139.2	136.6	135.8	-	84.0	82.8	78.9	77.9	-
373	Ship and boat building and repairing	230.8	228.5	211.0	207.7	-	178.8	173.7	161.6	158.1	-
3731	Ship building and repairing	185.2	183.6	170.6	168.8	-	140.6	136.1	128.6	126.5	-
3732	Boat building and repairing	45.6	44.9	40.4	38.9	-	38.2	37.6	33.0	31.6	-
374	Railroad equipment	55.3	53.0	39.8	38.5	-	37.6	35.0	24.7	24.1	-
376	Guided missiles, space vehicles, parts	121.7	122.9	127.1	127.6	-	36.2	36.3	38.8	38.7	-
3761	Guided missiles and space vehicles	95.3	96.4	100.4	100.9	-	26.5	26.7	28.9	29.1	-

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry – Continued

(In thousands)

1972 SIC Code	Industry	All employees					Production workers[1]				
		June 1981	July 1981	May 1982	June 1982P	July 1982P	June 1981	July 1981	May 1982	June 1982P	July 1982P
	TRANSPORTATION EQUIPMENT—Continued										
379	Miscellaneous transportation equipment	38.8	38.0	40.9	41.7	-	23.8	23.4	28.4	29.3	-
3792	Travel trailers and campers	18.1	17.9	18.4	18.4	-	14.1	13.8	14.3	14.3	-
38	**INSTRUMENTS AND RELATED PRODUCTS**	732.3	731.2	711.2	714.9	705.9	433.5	430.0	411.3	412.6	407.3
381	Engineering and scientific instruments	78.7	78.7	76.6	76.5	-	37.9	37.5	35.6	35.5	-
382	Measuring and controlling devices	260.3	259.1	246.8	246.5	-	163.7	162.1	151.7	150.4	-
3822	Environmental controls	47.5	47.9	43.0	43.2	-	32.3	32.2	28.7	28.9	-
3823	Process control instruments	60.6	60.7	58.4	58.3	-	32.0	31.6	30.1	29.8	-
3825	Instruments to measure electricity	105.6	104.7	103.4	103.6	-	66.4	66.3	64.4	63.7	-
383	Optical instruments and lenses	33.7	33.4	33.0	32.9	-	18.5	18.8	18.1	18.2	-
384	Medical instruments and supplies	160.3	159.5	160.5	161.8	-	100.5	99.0	99.9	100.2	-
3841	Surgical and medical instruments	75.9	76.0	77.0	78.4	-	46.1	45.5	45.6	46.2	-
3842	Surgical appliances and supplies	67.9	67.2	67.8	67.9	-	44.2	43.4	44.9	44.8	-
385	Ophthalmic goods	41.4	41.1	37.3	37.3	-	29.1	28.8	25.6	26.0	-
386	Photographic equipment and supplies	138.3	139.8	139.1	141.8	-	69.6	69.6	67.9	69.7	-
387	Watches, clocks, and watchcases	19.6	19.6	17.9	18.1	-	14.2	14.2	12.5	12.6	-
39	**MISCELLANEOUS MANUFACTURING INDUSTRIES**	414.9	407.5	388.6	389.6	376.7	307.5	301.1	282.1	283.5	273.1
391	Jewelry, silverware, and plated ware	56.2	53.0	56.6	56.9	-	40.0	37.7	39.7	40.1	-
3911	Jewelry, precious metal	37.0	34.4	36.2	36.5	-	25.9	23.7	25.3	25.7	-
393	Musical instruments	21.7	21.8	19.5	18.8	-	17.5	17.4	15.3	14.5	-
394	Toys and sporting goods	121.2	120.5	110.1	110.3	-	91.8	91.4	81.9	82.0	-
3942, 4	Dolls, games, toys, and children's vehicles	62.5	63.3	53.7	55.2	-	46.3	47.6	38.4	39.8	-
3949	Sporting and athletic goods, nec	58.7	57.2	56.4	55.1	-	45.5	43.8	43.5	42.2	-
395	Pens, pencils, office and art supplies	37.2	37.7	35.8	35.5	-	26.6	26.8	25.0	24.7	-
396	Costume jewelry and notions	47.0	43.1	41.0	41.9	-	36.0	32.6	31.1	31.8	-
3961	Costume jewelry	23.9	21.3	21.4	22.1	-	18.3	16.3	16.4	16.9	-
399	Miscellaneous manufactures	131.6	131.4	125.6	126.2	-	95.6	95.2	89.1	90.4	-
3993	Signs and advertising displays	46.6	46.0	45.5	46.0	-	33.6	33.1	32.3	32.8	-
	NONDURABLE GOODS										
20	**FOOD AND KINDRED PRODUCTS**	1,663.9	1,703.0	1,602.0	1,627.9	1,645.3	1,137.1	1,172.4	1,086.1	1,110.0	1,126.1
201	Meat products	356.2	355.1	342.8	345.5	-	297.3	295.6	286.1	289.1	-
2011	Meat packing plants	155.8	154.0	148.8	147.0	-	127.9	126.0	122.4	120.9	-
2013	Sausages and other prepared meats	71.5	71.3	69.1	69.7	-	53.5	53.1	51.2	51.6	-
2016	Poultry dressing plants	115.4	116.9	111.5	114.9	-	104.4	105.6	100.9	104.5	-
202	Dairy products	174.8	174.7	168.8	172.2	-	97.6	97.6	94.3	97.3	-
2022	Cheese, natural and processed	36.9	36.3	34.6	35.7	-	28.3	27.7	26.1	27.0	-
2026	Fluid milk	98.2	98.2	98.5	95.3	-	44.0	44.1	42.8	43.4	-
203	Preserved fruits and vegetables	220.3	257.4	203.1	208.8	-	176.6	211.9	164.2	170.3	-
2032	Canned specialties	23.3	23.4	23.1	23.1	-	16.9	16.9	16.7	16.8	-
2033	Canned fruits and vegetables	73.7	109.8	64.2	66.5	-	57.6	92.4	49.9	52.2	-
2037	Frozen fruits and vegetables	48.4	46.9	45.4	47.4	-	42.0	40.3	39.6	41.5	-
204	Grain mill products	139.0	138.7	135.2	137.5	-	96.6	96.4	91.2	93.1	-
2041	Flour and other grain mill products	25.4	25.8	25.7	25.9	-	16.2	16.6	15.6	15.7	-
2048	Prepared feeds, nec	54.3	53.9	51.8	52.8	-	35.5	35.1	33.1	33.9	-
205	Bakery products	219.9	219.3	217.0	218.8	-	127.6	127.4	126.3	128.0	-
2051	Bread, cake, and related products	178.6	178.2	176.4	177.9	-	95.2	94.9	94.4	95.8	-
2052	Cookies and crackers	41.3	41.1	40.6	40.9	-	32.4	32.5	31.9	32.2	-
206	Sugar and confectionery products	99.9	100.0	97.6	98.7	-	74.4	74.8	72.9	74.0	-
2061-3	Cane and beet sugar	28.6	28.2	27.9	28.0	-	20.4	20.1	20.3	20.3	-
2065	Confectionery products	52.3	52.5	50.2	50.7	-	41.3	41.8	39.7	40.3	-
207	Fats and oils	41.8	41.6	43.4	42.9	-	30.9	30.7	32.4	32.0	-
208	Beverages	237.8	239.7	234.1	238.2	-	105.4	105.7	100.5	102.3	-
2082	Malt beverages	51.2	51.3	49.1	49.3	-	33.5	33.2	31.7	31.5	-
2086	Bottled and canned soft drinks	140.4	142.4	140.2	143.3	-	46.6	47.8	46.1	47.1	-
209	Misc. foods and kindred products	174.2	176.5	160.0	165.3	-	130.7	132.3	118.2	123.9	-
21	**TOBACCO MANUFACTURES**	65.5	65.3	61.1	62.6	60.7	50.2	49.9	46.7	48.1	46.0
211	Cigarettes	48.2	47.9	45.3	47.2	-	36.7	36.4	34.6	36.4	-
22	**TEXTILE MILL PRODUCTS**	834.1	819.6	757.9	742.8	730.3	723.5	708.8	648.9	634.9	623.7
221	Weaving mills, cotton	141.6	139.7	127.2	120.8	-	126.4	124.2	111.6	105.7	-
222	Weaving mills, synthetics	112.3	111.6	96.6	89.5	-	101.1	100.3	85.4	78.2	-
223	Weaving and finishing mills, wool	19.7	18.1	17.4	17.0	-	16.4	15.0	14.6	14.1	-
224	Narrow fabric mills	24.0	23.2	22.9	22.9	-	21.2	20.4	19.9	19.9	-
225	Knitting mills	222.0	219.7	205.3	207.4	-	192.6	189.7	176.9	179.8	-
2251	Women's hosiery, except socks	31.8	31.3	30.7	31.2	-	28.4	28.1	27.4	28.0	-
2252	Hosiery, nec	33.6	33.5	31.2	31.7	-	30.6	30.4	28.1	28.5	-
2253	Knit outerwear mills	73.5	73.0	70.3	70.9	-	62.6	62.1	59.8	61.0	-
2254	Knit underwear mills	31.1	30.3	27.9	28.2	-	27.1	25.9	23.5	23.8	-

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry — Continued

[In thousands]

1972 SIC Code	Industry	All employees					Production workers[1]				
		June 1981	July 1981	May 1982	June 1982P	July 1982P	June 1981	July 1981	May 1982	June 1982P	July 1982P
	TEXTILE MILL PRODUCTS—Continued										
2257	Circular knit fabric mills	30.0	29.7	25.2	25.3	-	25.4	25.0	21.3	21.5	-
226	Textile finishing, except wool	71.7	68.9	67.3	66.8	-	59.7	57.1	55.7	55.2	-
2261	Finishing plants, cotton	29.5	28.6	28.7	28.4	-	24.3	23.4	23.5	23.2	-
2262	Finishing plants, synthetics	27.7	26.5	25.2	24.7	-	23.3	22.2	21.1	20.6	-
227	Floor covering mills	53.0	52.6	48.8	49.2	-	42.5	42.3	38.4	38.7	-
228	Yarn and thread mills	122.9	120.2	112.1	109.5	-	110.8	108.3	99.1	96.4	-
2281	Yarn mills, except wool	83.2	82.0	76.7	75.1	-	76.3	75.1	68.9	67.2	-
2282	Throwing and winding mills	20.4	19.7	18.1	17.9	-	18.0	17.5	15.8	15.6	-
229	Miscellaneous textile goods	66.9	65.6	60.3	59.7	-	52.8	51.5	47.3	46.9	-
23	**APPAREL AND OTHER TEXTILE PRODUCTS**	1,271.8	1,218.2	1,171.6	1,182.2	1,116.5	1,085.4	1,034.6	991.1	1,002.1	940.1
231	Men's and boys' suits and coats	77.4	74.4	75.7	76.8	-	68.2	64.9	66.0	66.7	-
232	Men's and boys' furnishings	356.7	346.6	330.0	332.6	-	305.0	295.5	280.1	283.6	-
2321	Men's and boys' shirts and nightwear	99.0	97.5	92.4	94.4	-	85.4	84.0	79.3	81.0	-
2327	Men's and boys' separate trousers	72.5	70.4	68.9	68.5	-	63.4	61.2	60.0	59.8	-
2328	Men's and boys' work clothing	104.2	100.1	94.5	96.0	-	86.9	82.9	78.1	80.3	-
233	Women's and misses' outerwear	418.3	395.4	378.3	383.1	-	359.0	338.3	322.7	326.9	-
2331	Women's and misses' blouses and waists	62.8	61.8	59.2	60.0	-	54.9	53.8	50.9	51.7	-
2335	Women's and misses' dresses	140.5	128.4	128.3	128.9	-	123.6	112.1	111.4	111.8	-
2337	Women's and misses' suits and coats	65.3	62.9	53.3	57.7	-	55.9	53.6	45.3	49.3	-
2339	Women's and misses' outerwear, nec	149.7	142.3	137.5	136.5	-	124.6	118.8	115.1	114.1	-
234	Women's and children's undergarments	91.5	89.6	86.1	85.6	-	78.2	76.3	73.1	72.6	-
2341	Women's and children's underwear	72.9	71.3	70.0	69.9	-	63.5	61.9	60.9	60.8	-
2342	Brassieres and allied garments	18.6	18.3	16.1	15.7	-	14.7	14.4	12.2	11.8	-
236	Children's outerwear	65.2	64.5	61.6	62.4	-	55.3	54.5	52.3	52.9	-
2361	Children's dresses and blouses	27.3	27.2	25.9	26.3	-	24.4	24.2	23.2	23.5	-
238	Misc. apparel and accessories	58.6	55.5	52.2	52.8	-	49.9	46.6	43.4	44.2	-
239	Misc. fabricated textile products	180.1	168.9	165.3	166.4	-	148.9	138.2	134.6	136.1	-
2391	Curtains and draperies	26.9	26.0	24.9	25.1	-	22.4	21.7	20.3	20.4	-
2392	House furnishings, nec	48.1	46.9	45.5	46.1	-	39.6	38.7	37.5	38.2	-
2396	Automotive and apparel trimmings	33.6	27.0	26.9	27.4	-	28.7	22.0	21.8	22.3	-
26	**PAPER AND ALLIED PRODUCTS**	696.5	691.8	660.1	664.4	655.5	526.3	521.1	491.8	494.9	489.5
261, 2 6	Paper and pulp mills	207.1	207.3	198.4	198.2	-	156.0	156.0	145.4	149.0	-
262	Paper mills, except building paper	178.5	178.6	168.4	171.5	-	133.4	133.4	124.4	127.3	-
263	Paperboard mills	64.3	63.9	60.5	60.5	-	50.5	50.0	47.0	46.8	-
264	Misc. converted paper products	221.7	220.9	215.1	214.5	-	164.2	163.0	156.1	155.1	-
2641	Paper coating and glazing	56.2	55.6	55.1	55.7	-	35.4	36.2	34.7	35.4	-
2642	Envelopes	25.3	25.0	25.1	24.9	-	19.8	19.4	19.3	19.0	-
2643	Bags, except textile bags	49.6	49.1	48.9	48.5	-	38.8	38.1	37.7	37.2	-
265	Paperboard containers and boxes	203.4	199.7	190.1	191.2	-	155.6	152.1	143.3	144.0	-
2651	Folding paperboard boxes	43.4	42.6	42.0	42.1	-	33.9	33.1	32.5	32.5	-
2653	Corrugated and solid fiber boxes	104.4	102.7	96.3	96.9	-	76.8	75.1	70.3	70.7	-
2654	Sanitary food containers	25.7	25.3	24.2	24.5	-	21.1	20.9	19.4	19.6	-
27	**PRINTING AND PUBLISHING**	1,264.0	1,264.0	1,271.6	1,269.1	1,259.7	695.3	692.2	698.3	694.0	686.0
271	Newspapers	422.1	422.7	424.1	424.8	-	161.0	160.9	160.5	160.4	-
272	Periodicals	95.2	96.7	99.3	100.1	-	18.8	18.4	21.9	21.8	-
273	Books	100.8	99.4	100.1	97.9	-	51.9	50.3	51.3	49.4	-
2731	Book publishing	70.5	70.2	70.2	69.3	-	26.8	26.2	26.8	26.0	-
2732	Book printing	30.3	29.2	29.9	28.6	-	25.1	24.1	24.5	23.4	-
274	Miscellaneous publishing	48.8	48.5	49.1	49.2	-	25.8	25.2	25.8	25.8	-
275	Commercial printing	415.6	414.2	417.2	414.9	-	304.4	303.6	306.0	303.7	-
2751	Commercial printing, letterpress	153.9	153.6	151.6	150.5	-	113.0	112.9	111.6	110.9	-
2752	Commercial printing, lithographic	239.0	238.2	242.6	241.8	-	173.1	172.7	176.3	174.9	-
276	Manifold business forms	49.2	49.0	48.6	48.7	-	34.2	34.0	34.0	34.1	-
278	Blankbooks and bookbinding	63.1	63.7	62.9	62.9	-	51.5	52.0	51.1	50.9	-
279	Printing trade services	44.4	44.2	45.0	45.0	-	33.0	32.6	33.3	33.2	-
28	**CHEMICALS AND ALLIED PRODUCTS**	1,121.6	1,116.7	1,079.7	1,082.6	1,075.2	639.3	633.2	602.7	602.7	597.0
281	Industrial inorganic chemicals	161.2	161.1	154.6	154.9	-	88.4	88.0	83.4	83.7	-
2819	Industrial inorganic chemicals, nec	106.4	106.3	101.0	101.4	-	58.2	57.8	53.8	53.5	-
282	Plastics materials and synthetics	197.8	197.2	184.3	184.9	-	132.1	131.4	119.7	119.3	-
2821	Plastics materials and resins	79.4	79.4	74.0	74.3	-	47.2	47.2	43.0	43.5	-
2824	Organic fibers, noncellulosic	83.4	82.9	78.1	78.5	-	58.9	58.3	54.7	54.2	-
283	Drugs	201.2	200.8	199.4	200.9	-	100.6	99.9	97.9	97.9	-
2834	Pharmaceutical preparations	159.0	158.4	156.7	158.3	-	78.2	77.3	75.5	76.1	-
284	Soap, cleaners, and toilet goods	146.5	145.7	142.8	145.4	-	92.2	92.0	88.6	90.4	-
2841	Soap and other detergents	44.5	44.2	43.6	44.8	-	29.4	29.0	28.5	29.2	-
2844	Toilet preparations	63.1	62.9	60.8	62.0	-	41.6	42.1	39.7	40.5	-
2842, 3	Polishing, sanitation, and finishing preparations	38.9	38.6	38.4	38.6	-	21.2	20.9	20.4	20.7	-
285	Paints and allied products	65.1	64.5	59.9	60.9	-	32.8	32.1	28.9	29.8	-
286	Industrial organic chemicals	180.9	180.4	175.3	175.1	-	92.0	90.6	88.3	88.8	-

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry – Continued

[In thousands]

1972 SIC Code	Industry	All employees					Production workers[1]				
		June 1981	July 1981	May 1982	June 1982P	July 1982P	June 1981	July 1981	May 1982	June 1982P	July 1982P
	CHEMICALS AND ALLIED PRODUCTS—Cont'd										
2865	Cyclic crudes and intermediates	37.9	37.8	36.2	36.1	-	23.3	23.0	22.2	22.3	-
2861,9	Gum, wood, and industrial organic chemicals, nec	143.0	142.6	139.1	139.0	-	68.7	67.6	66.1	66.5	-
287	Agricultural chemicals	72.9	71.2	70.8	67.8	-	45.6	44.2	44.0	40.6	-
289	Miscellaneous chemical products	96.0	95.8	92.6	92.7	-	55.6	55.0	51.9	52.2	-
29	**PETROLEUM AND COAL PRODUCTS**	220.0	221.1	206.8	208.1	207.9	139.1	139.1	123.3	125.1	124.5
291	Petroleum refining	175.7	176.8	168.3	168.6	-	106.9	106.9	96.3	96.9	-
295	Paving and roofing materials	31.7	31.8	26.6	27.7	-	24.1	24.3	19.8	21.0	-
30	**RUBBER AND MISC. PLASTICS PRODUCTS**	750.9	738.8	704.3	709.0	699.6	581.3	569.1	540.4	545.4	532.6
301	Tires and inner tubes	108.5	107.7	102.9	104.1	-	74.8	73.2	72.8	74.6	-
302	Rubber and plastics footwear	22.8	22.1	21.4	21.8	-	20.2	19.6	18.5	19.0	-
303,4	Reclaimed rubber, and rubber and plastics hose and belting	24.1	24.1	21.0	20.7	-	17.0	16.9	15.1	14.9	-
306	Fabricated rubber products, nec	107.3	104.7	96.3	96.6	-	84.1	81.7	73.2	73.4	-
307	Miscellaneous plastics products	488.2	480.2	462.7	465.8	-	385.2	377.7	360.8	363.5	-
31	**LEATHER AND LEATHER PRODUCTS**	240.1	228.4	213.8	218.9	196.1	203.2	192.8	179.5	180.6	163.9
311	Leather tanning and finishing	21.3	20.2	18.8	19.1	-	18.0	17.0	15.6	15.9	-
314	Footwear, except rubber	147.3	140.1	129.6	131.3	-	126.4	120.7	110.7	112.5	-
3143	Men's footwear, except athletic	58.6	54.4	50.2	50.7	-	50.1	46.6	41.6	42.1	-
3144	Women's footwear, except athletic	55.9	54.3	48.5	49.8	-	48.0	46.9	42.0	43.5	-
316	Luggage	16.2	15.3	13.9	13.8	-	12.5	11.5	10.6	10.5	-
317	Handbags and personal leather goods	30.4	29.5	27.8	27.8	-	25.4	24.3	22.8	22.7	-
	TRANSPORTATION AND PUBLIC UTILITIES	5,199	5,181	5,096	5,117	5,068	4,319	4,296	4,208	4,228	4,185
40	**RAILROAD TRANSPORTATION**	498.3	504.0	488.4	447.9	-	-	-	-	-	-
4011	Class I railroads[2]	459.6	465.3	411.9	411.5	-	-	-	-	-	-
41	**LOCAL AND INTERURBAN PASSENGER TRANSIT**	268.9	221.3	296.4	287.0	-	245.6	202.6	275.5	266.6	-
411	Local and suburban transportation	82.7	79.9	85.2	86.1	-	75.4	73.0	77.8	78.5	-
412	Taxicabs	46.5	46.4	46.2	45.4	-	-	-	-	-	-
413	Intercity highway transportation	39.4	40.3	36.6	38.3	-	36.3	37.0	33.3	34.9	-
415	School buses	78.2	38.2	109.1	97.9	-	-	-	-	-	-
42	**TRUCKING AND WAREHOUSING**	1,268.4	1,263.3	1,201.9	1,215.5	-	1,107.1	1,102.5	1,041.6	1,056.0	-
421,3	Trucking and trucking terminals	1,183.3	1,178.4	1,120.0	1,133.3	-	1,036.1	1,031.7	973.5	987.6	-
422	Public warehousing	85.1	84.9	81.9	82.2	-	71.0	70.8	68.1	68.4	-
44	**WATER TRANSPORTATION**	222.9	226.7	201.6	203.5	-	-	-	-	-	-
45	**TRANSPORTATION BY AIR**	459.6	462.4	445.1	436.7	-	-	-	-	-	-
451,2	Air transportation	407.8	410.8	393.8	385.0	-	-	-	-	-	-
46	**PIPE LINES, EXCEPT NATURAL GAS**	22.5	22.9	22.2	22.7	-	15.9	16.2	15.2	15.7	-
47	**TRANSPORTATION SERVICES**	214.5	218.7	222.7	226.1	-	-	-	-	-	-
48	**COMMUNICATION**	1,387.8	1,393.5	1,398.5	1,400.9	-	1,039.0	1,043.4	1,056.3	1,061.6	-
481	Telephone communication	1,078.2	1,083.1	1,072.8	1,073.4	-	785.8	788.7	787.7	790.9	-
483	Radio and television broadcasting	208.1	208.2	216.1	217.3	-	168.2	168.4	176.0	177.6	-
49	**ELECTRIC, GAS, AND SANITARY SERVICES**	860.5	868.6	859.2	876.3	-	704.7	712.0	698.4	709.3	-
491	Electric services	407.6	410.2	410.4	417.0	-	330.6	332.7	326.9	332.5	-
492	Gas production and distribution	176.0	180.7	176.9	182.6	-	145.7	148.2	142.0	147.4	-
493	Combination utility services	200.8	202.4	195.7	199.7	-	164.8	166.5	159.6	163.1	-
495	Sanitary services	50.2	51.2	52.9	53.3	-	43.8	44.6	46.8	46.9	-
	WHOLESALE AND RETAIL TRADE	20,671	20,600	20,626	20,680	20,618	18,040	17,993	18,028	18,070	18,002
50,51	**WHOLESALE TRADE**	5,397	5,391	5,320	5,339	5,314	4,396	4,392	4,300	4,314	4,297
50	**WHOLESALE TRADE, DURABLE GOODS**	3,198	3,199	3,146	3,150	-	2,598	2,600	2,528	2,531	-
501	Motor vehicles and automotive equipment	414.2	413.7	414.5	416.1	-	333.6	333.2	334.5	336.2	-
502	Furniture and home furnishing	115.2	115.4	117.1	117.0	-	93.7	93.8	96.2	96.2	-
503	Lumber and construction materials	194.2	193.7	180.1	182.2	-	160.1	159.4	146.6	149.0	-
504	Sporting goods, toys, and hobby goods	71.3	71.1	71.2	72.5	-	57.4	57.2	57.0	57.2	-
505	Metals and minerals, except petroleum	153.5	153.6	143.0	141.1	-	124.0	124.2	113.0	111.9	-
506	Electrical goods	433.8	432.9	436.1	436.8	-	349.0	349.2	349.2	348.9	-
507	Hardware, plumbing, and heating equipment	245.8	246.5	236.1	236.9	-	201.3	201.9	190.8	191.4	-

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry – Continued

[In thousands]

1972 SIC Code	Industry	All employees					Production workers[1]				
		June 1981	July 1981	May 1982	June 1982P	July 1982P	June 1981	July 1981	May 1982	June 1982P	July 1982P
	WHOLESALE TRADE-DURABLE GOODS—Continued										
508	Machinery, equipment, and supplies	1,359.8	1,366.2	1,361.1	1,363.3	-	1,101.3	1,107.1	1,084.6	1,087.0	-
509	Miscellaneous durable goods	210.3	206.3	186.6	184.0	-	177.9	174.4	155.8	153.0	-
51	WHOLESALE TRADE-NONDURABLE GOODS	2,199	2,192	2,174	2,189	-	1,798	1,792	1,772	1,783	-
511	Paper and paper products	155.9	155.2	156.5	156.9	-	126.8	126.2	125.6	125.9	-
512	Drugs, proprietaries, and sundries	150.8	150.6	152.0	154.0	-	127.3	127.6	128.6	129.6	-
513	Apparel, piece goods, and notions	169.6	168.9	168.6	170.3	-	133.4	132.8	131.4	132.9	-
514	Groceries and related products	672.4	672.7	655.1	666.4	-	578.0	578.5	562.9	573.8	-
516	Chemicals and allied products	134.1	133.6	136.3	137.5	-	96.9	96.7	96.9	97.9	-
517	Petroleum and petroleum products	234.8	235.6	233.4	233.6	-	177.2	178.1	175.8	176.0	-
518	Beer, wine, and distilled beverages	143.8	145.2	144.8	147.5	-	120.5	122.0	120.6	123.1	-
519	Miscellaneous nondurable goods	399.3	397.2	399.2	397.4	-	325.5	322.4	325.7	323.0	-
52-59	RETAIL TRADE	15,274	15,209	15,306	15,341	15,300	13,644	13,601	13,728	13,756	13,705
52	BUILDING MATERIALS AND GARDEN SUPPLIES	623.5	618.8	597.8	602.4	-	528.1	523.1	504.7	508.4	-
521	Lumber and other building materials	326.3	325.0	306.4	313.5	-	276.4	275.3	258.3	265.2	-
525	Hardware stores	151.5	152.2	146.7	147.7	-	129.7	129.9	124.8	126.1	-
53	GENERAL MERCHANDISE STORES	2,190.2	2,195.5	2,182.2	2,186.2	-	1,962.0	1,977.0	2,019.2	2,023.6	-
531	Department stores	1,834.3	1,838.6	1,830.1	1,831.8	-	1,641.1	1,655.1	1,700.9	1,703.4	-
533	Variety stores	230.8	228.6	222.4	221.6	-	213.7	211.6	206.8	205.7	-
539	Misc. general merchandise stores	125.1	128.3	129.7	132.8	-	107.2	110.3	111.5	114.5	-
54	FOOD STORES	2,432.9	2,422.1	2,447.8	2,464.6	-	2,252.9	2,246.1	2,266.9	2,285.4	-
541	Grocery stores	2,131.6	2,128.6	2,147.8	2,161.4	-	1,979.4	1,979.7	1,995.0	2,008.9	-
542	Meat markets and freezer provisioners	56.6	55.3	55.6	55.5	-	-	-	-	-	-
546	Retail bakeries	128.5	124.8	127.5	129.3	-	117.7	114.4	117.4	119.6	-
55	AUTOMOTIVE DEALERS AND SERVICE STATIONS	1,662.0	1,661.7	1,648.7	1,659.4	-	1,408.6	1,409.5	1,385.7	1,400.1	-
551,2	New and used car dealers	753.5	750.2	732.0	737.3	-	616.3	613.9	599.0	604.1	-
553	Auto and home supply stores	265.5	268.0	275.2	277.0	-	230.8	232.4	236.5	238.6	-
554	Gasoline service stations	561.0	561.5	552.3	558.0	-	491.0	492.3	481.1	486.2	-
56	APPAREL AND ACCESSORY STORES	953.2	943.7	954.4	958.1	-	814.2	806.6	811.6	814.6	-
561	Men's and boys' clothing and furnishings	126.2	125.9	125.6	126.2	-	106.5	106.7	106.2	107.1	-
562	Women's ready-to-wear stores	345.9	339.1	344.4	345.3	-	299.8	293.9	297.2	297.2	-
565	Family clothing stores	175.5	176.1	174.0	174.3	-	153.0	153.6	151.6	152.3	-
566	Shoe stores	203.4	201.8	209.5	211.3	-	167.6	166.2	170.0	171.4	-
57	FURNITURE AND HOME FURNISHINGS STORES	597.2	598.1	586.9	586.7	-	492.0	493.9	484.4	483.8	-
571	Furniture and home furnishings stores	373.3	373.4	363.2	363.1	-	309.0	309.5	299.9	299.8	-
572	Household appliance stores	79.0	79.7	79.0	78.9	-	67.2	68.1	66.4	66.1	-
573	Radio, television, and music stores	144.9	145.0	144.7	144.7	-	115.8	116.3	118.1	117.9	-
58	EATING AND DRINKING PLACES	4,888.1	4,852.8	4,924.5	4,925.7	-	4,509.8	4,476.3	4,540.4	4,537.7	-
59	MISCELLANEOUS RETAIL	1,926.5	1,916.4	1,967.7	1,958.2	-	1,676.1	1,668.9	1,714.8	1,702.0	-
591	Drug stores and proprietary stores	493.6	497.7	493.6	495.2	-	445.0	449.5	442.0	442.5	-
592	Liquor stores	135.6	136.0	135.2	134.5	-	-	-	-	-	-
594	Miscellaneous shopping goods stores	601.0	598.4	629.2	630.2	-	510.8	509.4	539.4	538.6	-
596	Nonstore retailers	260.5	255.2	265.7	265.3	-	240.1	235.1	245.0	244.3	-
598	Fuel and ice dealers	101.0	100.5	102.2	101.4	-	83.7	83.5	84.8	83.9	-
599	Retail stores, nec	272.5	266.0	279.0	268.5	-	228.3	222.7	235.6	225.5	-
	FINANCE, INSURANCE, AND REAL ESTATE[2]	5,353	5,376	5,342	5,410	5,426	4,053	4,071	3,998	4,063	4,076
60	BANKING	1,634.4	1,643.6	1,647.2	1,662.9	-	1,251.4	1,258.6	1,234.2	1,248.6	-
602	Commercial and stock savings banks	1,489.0	1,497.3	1,502.6	1,516.8	-	1,134.0	1,140.6	1,118.5	1,131.8	-
61	CREDIT AGENCIES OTHER THAN BANKS	587.0	587.8	584.3	587.4	-	446.6	447.0	441.3	443.8	-
612	Savings and loan associations	265.4	265.8	271.7	273.2	-	201.4	201.4	207.2	208.8	-
614	Personal credit institutions	204.8	204.2	194.5	194.4	-	158.4	158.0	149.0	148.6	-
62	SECURITY, COMMODITY BROKERS, AND SERVICES	261.4	266.0	277.6	279.5	-	-	-	-	-	-
621	Security brokers and dealers	214.4	218.6	231.1	233.0	-	-	-	-	-	-
63	INSURANCE CARRIERS	1,238.1	1,240.4	1,226.1	1,229.7	-	858.4	859.0	838.9	840.4	-
631	Life insurance	543.5	542.8	540.3	541.5	-	339.9	338.1	333.4	333.3	-

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry—Continued

[In thousands]

1972 SIC Code	Industry	All employees					Production workers[1]				
		June 1981	July 1981	May 1982	June 1982P	July 1982P	June 1981	July 1981	May 1982	June 1982P	July 1982P
	INSURANCE CARRIERS—Continued										
632	Medical service and health insurance	143.3	143.1	141.3	142.2	-	113.8	113.3	111.5	112.8	-
633	Fire, marine, and casualty insurance	476.7	478.2	473.5	474.6	-	346.4	347.8	339.6	339.5	-
64	INSURANCE AGENTS, BROKERS, AND SERVICE	466.3	468.3	477.3	479.9	-	-	-	-	-	-
65	REAL ESTATE	1,025.8	1,027.5	982.1	1,016.3	-	-	-	-	-	-
651	Real estate operators and lessors	482.5	481.7	470.8	487.1	-	-	-	-	-	-
653	Real estate agents and managers	384.5	387.5	368.3	381.8	-	-	-	-	-	-
655	Subdividers and developers	138.0	137.8	125.3	129.4	-	-	-	-	-	-
66	COMBINED REAL ESTATE, INSURANCE, ETC	19.6	19.5	19.3	19.5	-	-	-	-	-	-
67	HOLDING AND OTHER INVESTMENT OFFICES	120.4	122.4	128.4	134.8	-	-	-	-	-	-
	SERVICES	18,711	18,771	19,039	19,164	19,219	16,659	16,712	16,917	17,027	17,047
70	HOTELS AND OTHER LODGING PLACES	1,177.8	1,230.6	1,117.6	1,167.1	-	-	-	-	-	-
701	Hotels, motels, and tourist courts	1,129.9	1,149.9	1,080.8	1,120.6	-	1,036.2	1,055.1	992.4	1,029.2	-
72	PERSONAL SERVICES	904.2	897.0	914.3	915.5	-	-	-	-	-	-
721	Laundry, cleaning, and garment services	354.9	352.2	351.6	352.5	-	317.2	315.2	313.5	314.5	-
723	Beauty shops	281.6	281.9	292.7	293.8	-	261.8	261.6	269.2	270.6	-
726	Funeral service and crematories	71.5	71.7	73.6	74.0	-	-	-	-	-	-
73	BUSINESS SERVICES	3,253.4	3,273.8	3,271.8	3,293.5	-	2,856.1	2,863.3	2,850.6	2,869.4	-
731	Advertising	156.9	156.5	159.1	159.8	-	120.5	120.5	122.6	123.3	-
732	Credit reporting and collection	76.1	75.8	74.9	75.8	-	-	-	-	-	-
733	Mailing, reproduction, stenographic	127.3	127.4	130.5	131.5	-	-	-	-	-	-
734	Services to buildings	519.3	515.0	534.1	536.7	-	471.6	467.3	486.4	489.2	-
736	Personnel supply services	604.4	617.5	549.8	549.7	-	-	-	-	-	-
737	Computer and data processing services	332.0	336.9	353.5	355.9	-	277.1	281.5	288.3	291.3	-
75	AUTO REPAIR, SERVICES, AND GARAGES	572.5	573.2	583.0	583.3	-	487.1	488.5	493.9	493.8	-
753	Automotive repair shops	352.9	356.0	361.0	362.3	-	298.0	301.3	301.8	302.4	-
76	MISCELLANEOUS REPAIR SERVICES	293.8	295.8	297.5	296.7	-	246.3	248.3	251.3	251.2	-
78	MOTION PICTURES	218.5	217.7	206.9	223.4	-	189.5	189.5	176.9	192.4	-
781	Motion picture production and services	76.0	70.4	72.4	80.1	-	62.2	57.5	57.1	63.8	-
783	Motion picture theaters	131.3	136.2	123.8	132.7	-	-	-	-	-	-
79	AMUSEMENT AND RECREATION SERVICES	856.1	875.7	876.5	943.4	-	781.7	799.8	795.4	860.2	-
80	HEALTH SERVICES	5,567.3	5,601.8	5,740.2	5,804.9	-	4,980.4	5,015.8	5,141.8	5,203.2	-
801	Offices of physicians	787.1	793.6	812.6	821.4	-	647.8	655.3	666.4	674.8	-
802	Offices of dentists	360.8	362.9	381.5	386.6	-	317.6	320.9	337.3	341.3	-
805	Nursing and personal care facilities	1,034.0	1,037.3	1,059.0	1,072.1	-	936.1	939.2	959.2	971.0	-
806	Hospitals	2,905.2	2,927.6	2,990.0	3,020.2	-	2,684.5	2,684.9	2,744.5	2,778.2	-
81	LEGAL SERVICES	543.0	547.3	555.5	577.4	-	465.6	471.2	469.6	488.9	-
82	EDUCATIONAL SERVICES	1,086.8	1,001.6	1,220.7	1,092.0	-	-	-	-	-	-
821	Elementary and secondary schools	387.5	271.6	324.0	312.0	-	-	-	-	-	-
822	Colleges and universities	662.2	616.1	773.8	658.5	-	-	-	-	-	-
83	SOCIAL SERVICES	1,152.9	1,166.6	1,162.8	1,172.9	-	-	-	-	-	-
86	MEMBERSHIP ORGANIZATIONS	1,533.5	1,538.0	1,549.2	1,538.2	-	-	-	-	-	-
89	MISCELLANEOUS SERVICES	1,049.7	1,060.9	1,055.0	1,067.0	-	879.7	888.7	883.3	895.2	-
891	Engineering and architectural services	580.9	584.7	571.0	579.6	-	497.7	500.3	488.8	497.0	-
893	Accounting, auditing, and bookkeeping	330.3	333.8	345.0	344.7	-	266.0	268.1	278.5	278.5	-
	GOVERNMENT	16,168	15,334	16,162	15,956	15,214	-	-	-	-	-
	FEDERAL GOVERNMENT	2,825	2,833	2,733	2,786	2,806	-	-	-	-	-
	Executive, by agency[4]	2,769.1	2,778.7	2,679.1	2,730.0	-	-	-	-	-	-
	Department of Defense	931.4	940.6	940.6	961.0	-	-	-	-	-	-
	Postal Service	661.8	663.8	660.8	664.9	-	-	-	-	-	-
	Other executive agencies	1,175.9	1,172.3	1,077.7	1,104.1	-	-	-	-	-	-
	Legislative	40.4	40.9	38.6	40.5	-	-	-	-	-	-
	Judicial	15.2	15.2	15.5	15.6	-	-	-	-	-	-

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry—Continued

[In thousands]

1972 SIC Code	Industry	All employees					Production workers[1]				
		June 1981	July 1981	May 1982	June 1982p	July 1982p	June 1981	July 1981	May 1982	June 1982p	July 1982p
	FEDERAL GOVERNMENT—Continued										
	Federal Government, by industry										
—	Manufacturing activities	132.4	134.1	137.3	139.3	–	–	–	–	–	–
3731	Shipbuilding and repairing	78.1	78.5	81.8	82.3	–	–	–	–	–	–
—	Transportation and public utilities, except Postal Service	42.1	42.6	43.1	43.9	–	–	–	–	–	–
—	Services	396.6	399.1	391.6	397.1	–	–	–	–	–	–
806	Federal government hospitals	230.7	233.0	232.5	235.9	–	–	–	–	–	–
—	**STATE AND LOCAL GOVERNMENT**	13,343	12,501	13,427	13,170	12,408	–	–	–	–	–
—	State government	3,521.4	3,436.0	3,639.1	3,487.2	–	–	–	–	–	–
806	State government hospitals	521.8	521.7	516.4	516.7	–	–	–	–	–	–
82	State education	1,278.6	1,183.7	1,446.0	1,262.2	–	–	–	–	–	–
—	General administration including executive, legislative, and judicial functions	1,059.0	1,066.9	1,050.5	1,069.8	–	–	–	–	–	–
—	Local government	9,821.9	9,064.6	9,787.9	9,682.5	–	–	–	–	–	–
—	Transportation and public utilities	579.5	583.1	580.5	582.2	–	–	–	–	–	–
806	Local government hospitals	628.7	631.8	642.1	648.3	–	–	–	–	–	–
82	Local education	5,297.5	4,352.3	5,476.9	5,246.8	–	–	–	–	–	–
—	General administration including executive, legislative, and judicial functions	2,940.2	3,088.3	2,780.2	2,887.0	–	–	–	–	–	–

[1] Data relate to production and related workers in mining and manufacturing, to construction workers in construction, and to nonsupervisory workers in transportation and public utilities, wholesale and retail trade, finance, insurance, and real estate, and services.

[2] Beginning January 1978, data relate to Class I line-haul railroads with operating revenues of $50,000,000 or more.

[3] Data for nonoffice sales agents excluded from nonsupervisory count for all series in this division.

[4] Prepared by the Office of Personnel Management. Data relate to civilian employment only and exclude Central Intelligence and National Security Agencies.

– Data not available.
p = preliminary.

NOTE: Data from April 1981 forward are subject to revision when more recent benchmark data are introduced. See "Benchmark adjustment" in the Explanatory Notes of this publication.

B-3. Women employees on nonagricultural payrolls by industry

(In thousands)

1972 SIC Code	Industry	Apr. 1981	May 1981	Mar. 1982	Apr. 1982	May 1982
—	TOTAL	39,048	39,174	39,154	39,233	39,366
—	PRIVATE SECTOR	31,009	31,165	31,268	31,356	31,499
—	MINING	116	120	140	141	140
10	METAL MINING	9.4	9.5	7.5	7.2	6.6
11, 12	COAL MINING	4.5	4.4	11.7	11.7	11.7
13	OIL AND GAS EXTRACTION	92.3	96.1	111.1	112.3	111.7
131, 2	Crude petroleum, natural gas, and natural gas liquids	59.8	60.9	69.3	69.2	69.4
138	Oil and gas field services	32.5	35.2	41.8	43.1	42.3
14	NONMETALLIC MINERALS, EXCEPT FUELS	9.8	10.1	9.3	9.4	9.5
142	Crushed and broken stone	2.7	2.8	2.5	2.6	2.7
144	Sand and gravel	3.1	3.2	2.8	2.9	3.0
—	CONSTRUCTION	375	378	375	379	381
15	GENERAL BUILDING CONTRACTORS	127.9	127.3	119.9	120.3	120.7
152	Residential building construction	71.6	71.4	67.3	68.0	68.6
153	Operative builders	15.2	15.1	13.8	13.8	13.5
154	Nonresidential building construction	41.1	40.8	38.8	38.5	38.6
16	HEAVY CONSTRUCTION CONTRACTORS	60.4	62.9	60.3	63.3	63.6
161	Highway and street construction	16.5	18.1	13.7	14.3	14.3
162	Heavy construction, except highway	43.9	44.8	46.6	49.0	49.3
17	SPECIAL TRADE CONTRACTORS	186.9	188.2	194.4	195.7	196.5
171	Plumbing, heating, air conditioning	50.7	51.2	52.1	52.3	52.3
172	Painting, paper hanging, decorating	11.7	12.0	11.5	12.0	11.9
173	Electrical work	36.5	36.5	37.3	37.4	37.7
174	Masonry, stonework, and plastering	20.5	20.8	20.2	20.7	21.6
175	Carpentering and flooring	14.5	14.1	14.1	14.0	13.6
176	Roofing and sheet metal work	12.3	12.4	12.5	12.4	12.6
—	MANUFACTURING	6,304	6,342	6,084	6,039	6,040
24, 25, 32-39	DURABLE GOODS	3,034	3,050	2,916	2,894	2,886
20-23, 26-31	NONDURABLE GOODS	3,270	3,292	3,168	3,145	3,154
	DURABLE GOODS					
24	LUMBER AND WOOD PRODUCTS	102.8	105.2	89.4	90.0	91.7
241	Logging camps and logging contractors	5.1	5.4	4.9	5.2	5.4
242	Sawmills and planing mills	19.7	20.2	17.0	17.1	17.3
2421	Sawmills and planing mills, general	13.9	14.2	12.0	12.0	12.2
243	Millwork, plywood, and structural members	41.5	42.5	33.9	34.3	35.4
244	Wood containers	6.8	7.2	6.6	6.8	6.9
245	Wood buildings and mobile homes	8.7	9.0	7.2	7.2	7.5
249	Miscellaneous wood products	21.0	20.9	19.8	19.4	19.2
25	FURNITURE AND FIXTURES	141.7	141.3	135.2	133.8	132.6
251	Household furniture	100.7	100.1	93.5	92.7	91.4
2511	Wood household furniture	41.9	41.9	39.0	39.0	38.7
2512	Upholstered household furniture	32.3	32.1	29.5	29.1	29.3
2515	Mattresses and bedsprings	8.5	8.6	7.8	7.9	8.0
252	Office furniture	13.7	13.8	13.9	13.6	13.8
253	Public building and related furniture	4.9	5.1	5.4	5.4	5.2
254	Partitions and fixtures	10.7	10.6	10.3	10.2	10.1
259	Miscellaneous furniture and fixtures	11.7	11.7	12.1	11.9	12.1
32	STONE, CLAY, AND GLASS PRODUCTS	124.0	125.2	118.0	116.2	116.3
322	Glass and glassware, pressed or blown	40.1	40.7	37.8	36.9	36.5
3221	Glass containers	22.5	23.1	21.6	21.5	21.6
3229	Pressed and blown glass, nec	17.6	17.6	16.2	15.4	14.9
323	Products of purchased glass	12.6	12.7	12.0	11.9	12.0
324	Cement, hydraulic	1.8	1.8	1.7	1.7	1.7
325	Structural clay products	6.1	6.2	5.6	5.5	5.7
326	Pottery and related products	14.5	14.6	13.9	13.6	13.7
327	Concrete, gypsum, and plaster products	15.0	15.2	14.4	14.3	14.5
329	Misc. nonmetallic mineral products	30.9	31.1	29.7	29.1	29.0
33	PRIMARY METAL INDUSTRIES	126.9	126.8	109.7	107.7	106.5
331	Blast furnace and basic steel products	41.8	42.2	34.2	32.6	31.9
3312	Blast furnaces and steel mills	31.4	31.8	24.9	23.5	22.7
332	Iron and steel foundries	18.6	18.5	16.7	16.4	15.9

B-3. Women employees on nonagricultural payrolls by industry—Continued

[In thousands]

1972 SIC Code	Industry	Apr. 1981	May 1981	Mar. 1982	Apr. 1982	May 1982
	PRIMARY METAL INDUSTRIES —Continued					
3321	Gray iron foundries	8.7	8.7	7.4	7.1	6.9
3322	Malleable iron foundries	1.1	1.1	.9	1.0	.9
3325	Steel foundries, nec	4.7	4.7	4.3	4.2	4.0
333	Primary nonferrous metals	5.0	5.0	4.6	4.5	4.4
3334	Primary aluminum	2.3	2.3	1.9	1.9	1.9
335	Nonferrous rolling and drawing	40.1	39.8	34.5	34.5	34.8
3351	Copper rolling and drawing	3.5	3.5	3.0	3.0	3.0
3353	Aluminum sheet, plate, and foil	4.1	4.1	3.2	3.1	3.1
3357	Nonferrous wire drawing and insulating	24.6	24.2	21.2	21.3	21.5
336	Nonferrous foundries	15.7	15.6	14.3	14.1	14.0
3361	Aluminum foundries	8.2	8.2	7.4	7.3	7.3
34	**FABRICATED METAL PRODUCTS**	339.1	340.4	312.2	309.4	307.1
341	Metal cans and shipping containers	12.7	12.9	11.7	11.7	11.7
3411	Metal cans	10.8	11.0	9.9	9.9	9.9
342	Cutlery, hand tools, and hardware	55.6	55.2	47.9	47.4	46.4
3423, 5	Hand and edge tools, and hand saws and blades	15.4	15.5	14.5	14.2	13.4
3429	Hardware, nec	33.0	32.8	27.2	27.2	26.9
343	Plumbing and heating, except electric	16.9	16.8	16.7	16.6	16.6
344	Fabricated structural metal products	72.5	73.2	67.6	67.6	67.3
3441	Fabricated structural metal	7.8	7.8	7.5	7.5	7.3
3442	Metal doors, sash, and trim	20.3	21.0	18.7	19.0	19.5
3443	Fabricated plate work (boiler shops)	18.9	18.9	18.3	17.8	17.3
3444	Sheet metal work	15.6	15.6	14.5	14.8	14.5
345	Screw machine products, bolts, etc	24.0	24.0	21.6	21.2	20.9
3451	Screw machine products	11.8	11.9	10.8	10.5	10.4
3452	Bolts, nuts, rivets, and washers	12.2	12.1	10.8	10.7	10.5
346	Metal forgings and stampings	54.1	54.8	46.4	46.4	46.3
3462	Iron and steel forgings	4.2	4.3	3.7	3.6	3.5
3465	Automotive stampings	14.5	15.1	11.2	12.0	12.6
3469	Metal stampings, nec	32.8	32.7	28.9	28.4	27.8
347	Metal services, nec	24.1	23.9	22.8	22.4	22.5
3471	Plating and polishing	17.3	17.2	16.7	16.5	16.6
3479	Metal coating and allied services	6.8	6.7	6.1	5.9	5.9
348	Ordnance and accessories, nec	19.7	19.6	20.0	19.9	20.0
349	Misc. fabricated metal products	59.5	60.0	57.5	56.2	55.4
3494	Valves and pipe fittings	23.1	23.1	22.4	21.9	21.3
3496	Misc. fabricated wire products	14.1	14.2	14.0	13.8	13.8
35	**MACHINERY, EXCEPT ELECTRICAL**	503.1	505.4	507.4	502.5	499.0
351	Engines and turbines	22.6	22.8	23.5	21.6	21.7
3511	Turbines and turbine generator sets	6.7	6.5	6.4	6.5	6.4
3519	Internal combustion engines, nec	15.9	16.3	17.1	15.1	15.3
352	Farm and garden machinery	26.4	25.0	23.1	24.8	24.2
3523	Farm machinery and equipment	19.8	19.4	15.8	16.9	16.7
353	Construction and related machinery	51.7	51.7	54.0	52.6	51.3
3531	Construction machinery	14.8	14.9	15.2	14.5	14.4
3533	Oil field machinery	16.6	16.7	19.8	19.5	18.7
354	Metalworking machinery	57.9	59.4	53.7	52.9	51.9
3541	Machine tools, metal cutting types	10.8	10.6	9.6	9.3	9.0
3544	Special dies, tools, jigs, and fixtures	15.7	16.7	14.9	14.9	14.8
3545	Machine tool accessories	13.6	14.0	12.9	12.5	12.2
355	Special industry machinery	30.0	29.7	28.5	27.9	27.6
3551	Food products machinery	5.9	5.8	5.5	5.4	5.4
3552	Textile machinery	5.2	5.1	4.9	4.6	4.5
3555	Printing trades machinery	6.7	6.6	6.9	6.9	7.0
356	General industrial machinery	64.3	64.1	60.5	59.3	58.5
3561	Pumps and pumping equipment	11.6	11.5	11.4	11.1	10.8
3562	Ball and roller bearings	14.5	14.3	12.8	12.7	12.4
357	Office and computing machines	163.0	164.2	180.4	180.4	181.4
3573	Electronic computing equipment	136.7	137.7	154.6	154.8	155.0
358	Refrigeration and service machinery	38.6	39.1	36.9	36.3	35.6
3585	Refrigeration and heating equipment	26.3	26.5	24.6	24.2	23.7
359	Misc. machinery, except electrical	48.6	49.4	46.8	46.7	46.8
3599	Machinery, except electrical, nec	38.0	38.8	37.8	37.5	37.5
36	**ELECTRIC AND ELECTRONIC EQUIPMENT**	893.7	895.5	868.9	866.3	866.2
361	Electric distributing equipment	46.4	46.6	43.9	43.5	42.5
3612	Transformers	19.2	19.2	18.4	18.1	17.8
3613	Switchgear and switchboard apparatus	27.2	27.4	25.5	25.4	24.7
362	Electrical industrial apparatus	92.7	92.7	84.1	82.0	82.3
3621	Motors and generators	51.9	51.8	45.1	44.0	43.9
3622	Industrial controls	28.9	29.0	27.9	27.3	27.7
363	Household appliances	60.2	60.7	50.9	52.2	52.3
3632	Household refrigerators and freezers	10.4	10.7	7.9	8.2	8.3
3633	Household laundry equipment	4.5	4.6	3.7	3.5	3.6
3634	Electric housewares and fans	28.2	27.9	25.0	25.3	25.4
364	Electric lighting and wiring equipment	93.4	92.4	87.2	86.5	84.9
3641	Electric lamps	20.6	19.6	20.6	20.4	20.3

B-3. Women employees on nonagricultural payrolls by industry – Continued

[In thousands]

1972 SIC Code	Industry	Apr. 1981	May 1981	Nov. 1982	Apr. 1982	May 1982
	ELECTRIC AND ELECTRONIC EQUIPMENT —Continued					
3643	Current-carrying wiring devices	40.3	40.7	38.0	37.8	36.8
365	Radio and TV receiving equipment	57.0	57.0	51.1	50.4	50.9
3651	Radio and TV receiving sets	42.1	42.1	38.0	37.8	37.7
366	Communication equipment	210.1	210.8	213.0	211.6	211.1
3661	Telephone and telegraph apparatus	76.4	76.1	71.3	70.4	69.7
3662	Radio and TV communication equipment	133.7	134.7	141.7	141.2	141.4
367	Electronic components and accessories	281.9	282.6	284.9	285.2	287.1
3671,3	Electronic tubes	16.6	16.6	15.6	15.7	16.0
3674	Semiconductors and related devices	104.0	102.7	103.5	103.7	105.5
3679	Electronic components, nec	114.4	115.6	119.2	119.4	119.5
369	Misc. electrical equipment and supplies	52.0	52.7	53.8	54.9	55.1
3694	Engine electrical equipment	22.3	22.9	23.9	24.8	24.8
37	**TRANSPORTATION EQUIPMENT**	336.1	339.1	269.9	286.2	285.9
371	Motor vehicles and equipment	112.4	113.7	99.3	97.8	100.7
3711	Motor vehicles and car bodies	41.7	42.2	34.7	32.3	34.1
3713	Truck and bus bodies	4.3	3.9	3.3	3.3	3.4
3714	Motor vehicle parts and accessories	63.2	64.2	58.0	58.8	59.7
372	Aircraft and parts	122.9	123.6	121.4	119.4	117.5
3721	Aircraft	66.2	66.9	67.3	66.1	64.8
3724	Aircraft engines and engine parts	29.2	29.2	26.9	26.1	25.8
3728	Aircraft equipment, nec	27.5	27.5	27.2	27.2	26.9
373	Ship and boat building and repairing	23.8	24.0	23.2	23.1	23.5
3731	Ship building and repairing	17.6	17.7	17.1	17.0	17.3
374	Railroad equipment	6.0	6.0	4.5	4.2	4.1
376	Guided missiles, space vehicles, parts	26.9	27.1	28.9	29.0	29.2
3761	Guided missiles and space vehicles	21.0	22.0	23.5	23.6	23.9
379	Miscellaneous transportation equipment	7.2	7.8	6.8	7.1	7.1
38	**INSTRUMENTS AND RELATED PRODUCTS**	307.8	309.2	303.3	303.1	303.2
381	Engineering and scientific instruments	24.4	24.5	24.3	24.2	24.2
382	Measuring and controlling devices	110.9	111.2	106.4	105.7	105.6
3822	Environmental controls	24.4	24.1	21.1	20.8	21.1
3823	Process control instruments	20.2	20.3	19.7	19.7	19.6
3825	Instruments to measure electricity	47.8	48.1	48.5	48.3	47.9
383	Optical instruments and lenses	11.3	11.4	11.4	11.6	11.8
384	Medical instruments and supplies	86.4	86.6	88.4	88.5	88.1
3841	Surgical and medical instruments	42.5	42.8	43.1	43.3	43.3
3842	Surgical appliances and supplies	35.8	35.7	37.4	37.4	37.0
385	Ophthalmic goods	24.7	24.9	22.1	22.1	22.3
386	Photographic equipment and supplies	38.4	39.1	39.9	40.2	40.5
387	Watches, clocks, and watchcases	11.7	11.5	10.8	10.8	10.7
39	**MISCELLANEOUS MANUFACTURING INDUSTRIES**	189.0	191.6	161.6	178.9	177.9
391	Jewelry, silverware, and plated ware	25.8	25.8	25.5	25.4	25.3
393	Musical instruments	10.0	9.9	9.4	9.1	9.0
394	Toys and sporting goods	60.2	62.1	56.3	55.7	56.0
3942, 4	Dolls, games, toys, and children's vehicles	31.6	33.3	28.2	28.7	29.1
3949	Sporting and athletic goods, nec	28.6	28.8	28.1	27.0	26.9
395	Pens, pencils, office and art supplies	19.9	20.0	19.6	19.2	18.8
396	Costume jewelry and notions	26.5	26.8	24.0	23.0	23.3
399	Miscellaneous manufactures	46.6	47.0	46.8	46.5	45.5
	NONDURABLE GOODS					
20	**FOOD AND KINDRED PRODUCTS**	473.3	479.8	469.8	459.7	469.5
201	Meat products	114.7	116.2	111.1	110.7	113.1
2011	Meat packing plants	27.9	27.9	26.9	26.6	27.1
2013	Sausages and other prepared meats	20.6	20.9	20.5	20.4	21.0
2016	Poultry dressing plants	59.0	59.9	57.2	57.2	58.3
202	Dairy products	36.7	36.9	35.2	35.5	36.2
2026	Fluid milk	16.7	16.9	15.8	15.9	16.1
203	Preserved fruits and vegetables	83.8	86.5	82.7	79.8	83.1
2032	Canned specialties	8.3	8.3	8.2	7.8	8.0
2033	Canned fruits and vegetables	23.5	24.6	21.7	20.8	22.1
2037	Frozen fruits and vegetables	20.2	21.2	20.6	18.8	20.6
204	Grain mill products	28.3	28.9	28.8	28.3	28.2
205	Bakery products	57.1	57.0	57.3	57.4	57.7
2051	Bread, cake, and related products	37.7	38.0	37.8	38.2	38.9
2052	Cookies and crackers	19.4	19.0	19.5	19.2	18.8
206	Sugar and confectionery products	38.5	38.5	41.0	37.3	37.7
207	Fats and oils	5.7	5.8	5.9	5.7	5.9
208	Beverages	41.4	41.1	42.5	43.1	43.5
2082	Malt beverages	7.4	7.5	8.1	8.2	8.5
2086	Bottled and canned soft drinks	18.6	18.5	19.4	19.6	19.7
209	Misc. foods and kindred products	67.1	68.9	65.3	61.9	64.1
21	**TOBACCO MANUFACTURES**	23.2	22.9	22.5	21.0	21.0
211	Cigarettes	14.9	14.6	14.1	13.9	13.7

B-3. Women employees on nonagricultural payrolls by industry—Continued

[In thousands]

1972 SIC Code	Industry	Apr. 1981	May 1981	Mar. 1982	Apr. 1982	May 1982
22	**TEXTILE MILL PRODUCTS**	392.2	393.1	360.5	366.7	361.9
221	Weaving mills, cotton	61.6	61.3	56.4	57.0	55.5
222	Weaving mills, synthetics	46.5	46.4	41.2	42.8	39.6
223	Weaving and finishing mills, wool	7.4	7.4	7.0	6.9	6.7
224	Narrow fabric mills	14.3	14.3	13.6	13.8	13.6
225	Knitting mills	139.7	140.9	128.9	130.8	132.5
2251	Women's hosiery, except socks	24.5	24.6	24.2	23.1	23.9
2252	Hosiery, nec	23.4	23.8	22.7	22.1	22.1
2253	Knit outerwear mills	49.4	50.4	45.2	48.1	49.3
2254	Knit underwear mills	22.8	22.7	20.0	20.2	20.3
2257	Circular knit fabric mills	11.6	11.4	9.7	10.0	9.9
226	Textile finishing, except wool	21.5	21.2	20.5	20.3	20.5
2261	Finishing plants, cotton	9.5	9.2	9.6	9.3	9.8
2262	Finishing plants, synthetic	6.1	6.1	5.6	5.6	5.4
227	Floor covering mills	22.0	22.4	20.4	20.9	20.9
228	Yarn and thread mills	59.8	59.9	54.2	56.3	55.2
2281	Yarn mills, except wool	38.3	38.4	35.4	36.7	35.6
2282	Throwing and winding mills	11.7	11.7	10.5	10.5	10.4
229	Miscellaneous textile goods	19.4	19.3	18.3	17.9	17.4
23	**APPAREL AND OTHER TEXTILE PRODUCTS**	1,008.2	1,014.7	958.5	942.8	948.1
231	Men's and boys' suits and coats	58.2	59.2	58.6	58.0	57.9
232	Men's and boys' furnishings	294.8	296.8	278.3	275.3	278.1
2321	Men's and boys' shirts and nightwear	84.5	84.7	80.2	80.8	80.7
2327	Men's and boys' separate trousers	60.3	60.6	58.2	57.0	57.7
2329	Men's and boys' work clothing	83.7	85.1	78.7	77.3	78.3
233	Women's and misses' outerwear	353.2	353.3	333.2	322.4	320.7
2331	Women's and misses' blouses and waists	56.2	56.0	52.7	52.2	52.7
2335	Women's and misses' dresses	123.4	120.7	117.9	115.2	110.5
2337	Women's and misses' suits and coats	46.9	51.1	42.6	38.4	43.0
2339	Women's and misses' outerwear, nec	126.7	125.5	120.0	116.6	114.5
234	Women's and children's undergarments	77.3	78.1	76.0	75.8	74.3
2341	Women's and children's underwear	62.6	63.1	61.9	62.0	61.5
2342	Brassieres and allied garments	14.7	15.0	14.1	13.8	12.8
236	Children's outerwear	54.2	54.8	52.7	51.7	53.0
2361	Children's dresses and blouses	23.3	23.6	23.2	22.4	23.1
238	Misc. apparel and accessories	43.8	43.6	40.5	40.6	39.9
239	Misc. fabricated textile products	110.8	112.3	103.7	103.7	104.2
2391	Curtains and draperies	20.4	21.0	18.8	18.8	18.8
2392	House furnishings, nec	29.8	30.1	29.2	29.8	29.5
2396	Automotive and apparel trimmings	15.9	16.8	13.0	13.0	13.7
26	**PAPER AND ALLIED PRODUCTS**	160.0	160.9	154.3	154.0	154.0
261, 2 6	Paper and pulp mills	27.4	27.8	26.6	26.8	26.8
262	Paper mills, except building paper	24.5	24.9	24.1	24.2	24.1
263	Paperboard mills	5.8	5.9	5.7	5.6	5.6
264	Misc. converted paper products	78.1	78.4	76.9	76.5	76.3
265	Paperboard containers and boxes	48.7	48.8	45.1	45.1	45.3
27	**PRINTING AND PUBLISHING**	504.1	503.6	519.5	518.3	517.6
271	Newspapers	157.8	159.2	164.9	164.6	165.2
272	Periodicals	55.8	55.6	59.6	59.3	59.0
273	Books	55.7	54.8	58.7	58.8	58.3
274	Miscellaneous publishing	27.2	26.8	27.5	27.5	27.2
275	Commercial printing	132.7	132.4	135.8	135.0	134.9
2751	Commercial printing, letterpress	52.3	52.3	52.3	51.9	51.7
2752	Commercial printing, lithographic	73.9	73.7	76.8	76.3	76.6
276	Manifold business forms	15.5	15.7	16.1	15.7	15.7
278	Blankbooks and bookbinding	33.8	33.3	34.2	34.0	33.8
279	Printing trade services	11.3	11.3	12.3	12.6	12.7
28	**CHEMICALS AND ALLIED PRODUCTS**	281.8	283.7	282.2	280.3	280.7
281	Industrial inorganic chemicals	23.9	24.1	24.1	24.1	24.1
2819	Industrial inorganic chemicals, nec	16.2	16.3	16.1	16.1	16.1
282	Plastics materials and synthetics	42.6	42.7	41.6	41.3	41.2
2821	Plastics materials and resins	11.2	11.3	11.3	11.1	11.0
2824	Organic fibers, noncellulosic	22.0	21.9	22.0	21.9	21.8
283	Drugs	84.7	85.5	86.0	85.7	86.2
2834	Pharmaceutical preparations	71.4	71.8	72.4	72.1	72.1
284	Soap, cleaners, and toilet goods	59.0	59.2	58.4	57.3	57.2
2841	Soap and other detergents	9.8	9.9	9.8	9.6	9.5
2844	Toilet preparations	36.6	36.7	36.3	35.7	35.6
285	Paints and allied products	12.2	12.3	11.5	11.5	11.7
286	Industrial organic chemicals	27.2	27.3	28.5	28.2	28.0
2861,9	Gum, wood, and industrial organic chemicals, nec	22.5	22.6	23.9	23.7	23.5
287	Agricultural chemicals	10.7	10.9	10.9	10.9	10.9
289	Miscellaneous chemical products	21.5	21.7	21.2	21.3	21.4

B-3. Women employees on nonagricultural payrolls by industry – Continued

[In thousands]

1972 SIC Code	Industry	Apr. 1981	May 1981	Mar. 1982	Apr. 1982	May 1982
29	**PETROLEUM AND COAL PRODUCTS**	30.2	30.8	31.6	31.6	32.1
291	Petroleum refining	25.1	25.6	26.6	26.7	26.9
30	**RUBBER AND MISC. PLASTICS PRODUCTS**	258.1	260.9	243.3	244.1	245.6
301	Tires and inner tubes	10.3	10.3	8.9	9.3	9.2
302	Rubber and plastics footwear	13.9	13.8	12.9	12.9	12.9
303,4	Reclaimed rubber, and rubber and plastics hose and belting	6.0	6.1	4.9	5.1	5.2
308	Fabricated rubber products, nec	36.0	36.6	33.3	33.5	33.3
307	Miscellaneous plastics products	191.9	194.1	183.3	183.3	185.0
31	**LEATHER AND LEATHER PRODUCTS**	138.5	141.1	125.9	126.9	127.5
311	Leather tanning and finishing	3.0	2.9	2.8	2.8	2.8
314	Footwear, except rubber	93.9	95.9	85.4	85.9	85.9
3143	Men's footwear, except athletic	35.9	36.2	32.8	32.2	31.1
3144	Women's footwear, except athletic	35.5	37.1	31.4	32.6	33.7
316	Luggage	8.1	8.1	7.4	7.3	7.4
317	Handbags and personal leather goods	20.4	20.8	17.9	18.1	18.4
–	**TRANSPORTATION AND PUBLIC UTILITIES**	1,324	1,332	1,335	1,335	1,347
41	**LOCAL AND INTERURBAN PASSENGER TRANSIT**	71.5	73.1	81.5	78.1	85.0
411	Local and suburban transportation	15.0	15.2	16.5	16.7	16.9
412	Taxicabs	6.8	6.7	6.8	6.7	6.8
413	Intercity highway transportation	4.8	4.8	4.7	4.7	4.8
415	School buses	41.7	43.2	50.2	46.6	52.7
42	**TRUCKING AND WAREHOUSING**	150.8	151.9	152.7	151.7	152.2
421,3	Trucking and trucking terminals	135.6	136.6	135.5	135.1	135.7
422	Public warehousing	15.2	15.3	17.2	16.6	16.5
44	**WATER TRANSPORTATION**	22.7	23.1	24.8	25.0	25.4
45	**TRANSPORTATION BY AIR**	148.6	149.7	143.3	144.4	146.6
451,2	Air transportation	140.0	141.0	133.9	134.9	137.0
46	**PIPE LINES, EXCEPT NATURAL GAS**	3.0	3.1	3.4	3.3	3.3
47	**TRANSPORTATION SERVICES**	97.3	97.6	111.0	112.2	113.6
48	**COMMUNICATION**	642.6	645.3	626.5	627.8	628.7
481	Telephone communication	550.8	552.3	525.0	525.4	524.7
483	Radio and television broadcasting	66.3	66.8	71.3	71.5	73.0
49	**ELECTRIC, GAS, AND SANITARY SERVICES**	159.9	161.1	168.2	168.8	168.6
491	Electric services	75.4	75.8	79.6	79.8	80.2
492	Gas production and distribution	37.5	38.0	39.4	39.6	39.8
493	Combination utility services	36.1	36.2	37.1	37.3	36.7
495	Sanitary services	6.0	6.0	6.7	6.7	6.5
–	**WHOLESALE AND RETAIL TRADE**	8,827	8,903	8,931	9,000	9,106
50,51	**WHOLESALE TRADE**	1,381	1,387	1,403	1,401	1,406
50	**WHOLESALE TRADE DURABLE GOODS**	767	771	781	780	778
501	Motor vehicles and automotive equipment	87.3	87.5	89.7	90.7	90.8
502	Furniture and home furnishings	43.5	44.0	46.3	45.8	45.5
503	Lumber and construction materials	35.9	36.3	37.0	36.5	36.5
504	Sporting goods, toys, and hobby goods	23.9	24.2	24.0	24.1	23.9
505	Metals and minerals, except petroleum	29.4	29.3	28.9	28.2	27.9
506	Electrical goods	125.6	126.3	129.3	129.3	128.3
507	Hardware, plumbing, and heating equipment	65.6	65.8	65.2	64.7	64.5
508	Machinery, equipment, and supplies	307.3	308.9	314.4	314.8	314.5
509	Miscellaneous durable goods	48.4	48.3	46.4	46.2	46.0
51	**WHOLESALE TRADE NONDURABLE GOODS**	614	616	622	621	628
511	Paper and paper products	48.6	48.7	49.9	50.2	50.4
512	Drugs, proprietaries, and sundries	65.3	65.4	66.7	67.1	67.1
513	Apparel, piece goods, and notions	81.8	82.5	82.5	83.8	83.3
514	Groceries and related products	153.5	155.3	147.7	149.1	156.8
516	Chemicals and allied products	35.9	35.4	37.6	37.7	37.6
517	Petroleum and petroleum products	54.2	54.0	55.4	55.3	55.7
518	Beer, wine, and distilled beverages	22.0	22.0	21.9	21.9	21.9
519	Miscellaneous nondurable goods	118.2	118.7	123.1	122.8	123.0

ESTABLISHMENT DATA
WOMEN EMPLOYEES

B-3. Women employees on nonagricultural payrolls by industry – Continued

[In thousands]

1972 SIC Code	Industry	Apr. 1981	May 1981	Mar. 1982	Apr. 1982	May 1982
52-59	**RETAIL TRADE**	7,446	7,516	7,528	7,599	7,700
52	**BUILDING MATERIALS AND GARDEN SUPPLIES**	165.4	166.8	154.5	157.9	160.7
521	Lumber and other building materials	64.2	65.4	61.3	61.9	63.3
525	Hardware stores	54.8	55.7	54.0	54.5	54.9
53	**GENERAL MERCHANDISE STORES**	1,404.8	1,430.5	1,449.3	1,456.1	1,467.6
531	Department stores	1,148.2	1,161.0	1,197.7	1,200.8	1,210.0
533	Variety stores	178.5	179.5	167.7	170.2	171.3
539	Misc. general merchandise stores	78.1	80.0	83.9	85.1	86.3
54	**FOOD STORES**	1,030.5	1,035.8	1,051.1	1,054.5	1,067.1
541	Grocery stores	861.1	866.2	883.7	884.7	893.7
542	Meat markets and freezer provisioners	17.4	16.9	15.9	16.8	17.2
546	Retail bakeries	80.3	81.6	81.6	80.9	82.4
55	**AUTOMOTIVE DEALERS AND SERVICE STATIONS**	300.3	304.4	308.3	310.2	312.7
551,2	New and used car dealers	111.3	111.7	107.1	107.8	108.4
553	Auto and home supply stores	47.5	48.1	48.8	49.7	50.4
554	Gasoline service stations	125.8	128.8	137.1	137.5	138.6
56	**APPAREL AND ACCESSORY STORES**	666.7	663.	656.3	662.4	664.6
561	Men's and boys' clothing and furnishings	56.0	55.0	54.6	55.3	55.6
562	Women's ready-to-wear stores	311.5	311.3	304.2	304.6	308.8
565	Family clothing stores	131.8	132.4	132.8	132.7	132.2
566	Shoe stores	88.5	84.7	84.0	89.6	88.3
57	**FURNITURE AND HOME FURNISHING STORES**	202.7	203.1	204.4	203.4	203.7
571	Furniture and home furnishings stores	134.9	135.7	134.4	134.8	135.0
572	Household appliance stores	22.0	21.6	23.4	22.9	22.4
573	Radio, television, and music stores	45.8	45.8	46.6	45.7	46.3
58	**EATING AND DRINKING PLACES**	2,636.3	2,692.7	2,630.8	2,678.7	2,741.6
59	**MISCELLANEOUS RETAIL**	1,038.8	1,049.3	1,072.8	1,075.7	1,082.4
591	Drug stores and proprietary stores	308.4	309.4	314.8	314.2	313.0
592	Liquor stores	33.8	35.1	36.3	35.9	36.1
594	Miscellaneous shopping goods stores	358.2	363.8	377.5	379.9	384.3
596	Nonstore retailers	157.9	156.3	166.8	165.8	163.4
598	Fuel and ice dealers	23.4	23.1	24.8	24.4	24.3
599	Retail stores, nec	135.7	140.4	131.8	135.5	140.1
–	**FINANCE, INSURANCE, AND REAL ESTATE**	3,137	3,147	3,187	3,188	3,196
60	**BANKING**	1,148.8	1,152.3	1,165.7	1,166.5	1,168.4
602	Commercial and stock savings banks	1,056.7	1,059.7	1,072.0	1,072.6	1,074.5
61	**CREDIT AGENCIES OTHER THAN BANKS**	400.6	400.7	406.7	406.2	407.0
612	Savings and loan associations	196.6	196.6	203.0	203.0	204.1
614	Personal credit institutions	132.1	132.1	129.3	128.5	128.4
62	**SECURITY, COMMODITY BROKERS, AND SERVICES**	106.7	107.6	120.5	120.7	121.5
621	Security brokers and dealers	86.9	87.8	100.3	100.4	100.9
63	**INSURANCE CARRIERS**	751.3	753.8	747.6	746.6	745.5
631	Life insurance	300.4	303.4	301.5	301.0	301.2
632	Medical service and health insurance	103.4	103.3	102.1	101.8	102.0
633	Fire, marine, and casualty insurance	297.3	296.8	296.8	296.3	295.1
64	**INSURANCE AGENTS, BROKERS, AND SERVICE**	291.8	293.0	299.7	300.1	302.3
65	**REAL ESTATE**	363.2	367.8	368.4	368.2	370.9
651	Real estate operators and lessors	145.0	146.6	151.3	153.9	156.2
653	Real estate agents and managers	169.7	171.6	170.4	167.9	170.2
655	Subdividers and developers	34.2	35.3	34.0	33.9	34.0
66	**COMBINED REAL ESTATE, INSURANCE, ETC**	11.9	11.8	11.8	11.8	11.7
67	**HOLDING AND OTHER INVESTMENT OFFICES**	62.9	63.4	66.5	67.7	68.4
–	**SERVICES**	10,926	10,943	11,216	11,274	11,289
70	**HOTELS AND OTHER LODGING PLACES**	597.7	612.5	576.6	593.6	607.6
701	Hotels, motels, and tourist courts	579.1	592.8	559.9	576.6	588.8

B-3. Women employees on nonagricultural payrolls by industry – Continued

(In thousands)

1972 SIC Code	Industry	Apr. 1981	May 1981	Mar. 1982	Apr. 1982	May 1982
72	**PERSONAL SERVICES**	654.1	623.1	654.7	657.1	634.6
721	Laundry, cleaning, and garment services	224.0	225.1	219.4	220.1	222.5
723	Beauty shops	250.5	251.1	260.5	263.8	263.1
726	Funeral service and crematories	18.6	18.8	20.3	20.4	20.6
73	**BUSINESS SERVICES**	1,393.7	1,404.8	1,433.4	1,424.8	1,426.0
731	Advertising	73.6	74.1	77.2	77.5	78.3
732	Credit reporting and collection	53.4	54.4	52.7	53.1	53.6
733	Mailing, reproduction, stenographic	61.8	61.9	65.0	66.2	64.7
734	Services to buildings	190.6	195.7	203.9	202.5	204.9
736	Personnel supply services	363.1	366.4	358.8	349.8	345.5
737	Computer and data processing services	155.0	152.6	169.7	170.6	169.6
75	**AUTO REPAIR, SERVICES, AND GARAGES**	96.3	96.0	97.1	98.1	99.0
753	Automotive repair shops	43.5	43.5	46.6	48.3	48.4
76	**MISCELLANEOUS REPAIR SERVICES**	57.8	58.2	59.4	59.1	58.7
78	**MOTION PICTURES**	83.9	85.5	79.7	81.7	81.7
781	Motion picture production and services	25.6	25.4	27.1	25.8	24.7
783	Motion picture theaters	52.1	53.8	46.3	49.7	50.8
79	**AMUSEMENT AND RECREATION SERVICES**	289.4	313.6	302.2	325.7	345.3
80	**HEALTH SERVICES**	4,460.3	4,474.4	4,646.6	4,661.9	4,674.2
801	Offices of physicians	603.2	604.9	628.5	636.0	636.3
802	Offices of dentists	305.3	307.0	323.2	324.7	326.1
805	Nursing and personal care facilities	901.8	907.6	929.9	932.2	938.7
806	Hospitals	2,314.2	2,318.9	2,413.2	2,414.0	2,415.3
81	**LEGAL SERVICES**	370.1	370.1	389.6	390.0	392.5
82	**EDUCATIONAL SERVICES**	657.2	638.5	678.5	676.6	661.4
821	Elementary and secondary schools	211.1	211.0	204.1	204.7	207.1
822	Colleges and universities	378.2	359.8	404.6	401.6	384.0
83	**SOCIAL SERVICES**	865.0	864.9	876.0	879.4	885.2
89	**MISCELLANEOUS SERVICES**	348.6	342.7	370.0	367.6	358.0
891	Engineering and architectural services	122.7	123.9	126.8	127.1	127.5
893	Accounting, auditing, and bookkeeping	164.0	157.6	180.3	178.4	169.2
	GOVERNMENT	8,039	8,039	7,886	7,877	7,867
	FEDERAL GOVERNMENT	878	891	886	878	880
	STATE AND LOCAL GOVERNMENT	7,161	7,128	7,092	6,999	6,987
	State government	1,706.2	1,685.5	1,682.9	1,677.3	1,694.9
	Hospitals	327.0	325.7	323.2	322.1	320.4
	State education	700.8	699.2	704.3	702.9	677.0
	General administration including executive, legislative, and judicial functions	439.6	440.8	441.4	440.2	435.8
	Local government	5,454.8	5,442.7	5,329.4	5,321.3	5,342.4
	Transportation and public utilities	92.0	92.8	96.2	96.5	96.6
	Hospitals	504.2	505.3	523.2	523.5	523.9
	Local education	3,656.4	3,647.4	3,570.6	3,557.8	3,574.1
	General administration including executive, legislative, and judicial functions	979.0	974.9	950.8	953.7	957.9

ESTABLISHMENT DATA
SEASONALLY ADJUSTED EMPLOYMENT

B-4. Employees on nonagricultural payrolls by industry division and major manufacturing group, seasonally adjusted

(In thousands)

Industry division and group	1981						1982						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	Junep	July p
TOTAL	91,396	91,322	91,363	91,224	90,996	90,642	90,460	90,459	90,304	90,083	90,166	89,860	89,843
GOODS-PRODUCING	25,718	25,637	25,583	25,393	25,176	24,908	24,684	24,631	24,450	24,289	24,255	23,992	23,878
MINING	1,164	1,180	1,192	1,195	1,202	1,206	1,201	1,203	1,197	1,182	1,152	1,121	1,107
CONSTRUCTION	4,175	4,146	4,124	4,101	4,071	4,026	3,966	3,974	3,934	3,938	3,988	3,942	3,932
MANUFACTURING	20,379	20,311	20,267	20,097	19,933	19,676	19,517	19,454	19,319	19,169	19,115	18,929	18,839
DURABLE GOODS	12,266	12,228	12,184	12,059	11,901	11,724	11,622	11,575	11,490	11,375	11,332	11,205	11,157
Lumber and wood products	683	671	661	643	628	615	607	611	607	615	617	616	617
Furniture and fixtures	476	475	473	469	462	457	452	449	446	443	443	444	445
Stone, clay, and glass products	644	643	638	629	620	610	596	596	590	584	586	580	576
Primary metal industries	1,132	1,134	1,125	1,104	1,082	1,053	1,038	1,024	1,007	976	945	926	923
Fabricated metal products	1,617	1,610	1,604	1,577	1,553	1,529	1,515	1,505	1,496	1,481	1,472	1,454	1,448
Machinery, except electrical	2,527	2,532	2,539	2,532	2,511	2,486	2,459	2,446	2,419	2,389	2,377	2,317	2,274
Electric and electronic equipment	2,112	2,116	2,113	2,101	2,077	2,049	2,055	2,048	2,038	2,034	2,034	2,027	2,025
Transportation equipment	1,925	1,901	1,884	1,861	1,830	1,791	1,777	1,778	1,774	1,748	1,755	1,746	1,756
Instruments and related products	731	734	734	731	727	725	720	718	716	713	713	709	706
Miscellaneous manufacturing ind	419	412	413	412	411	409	403	400	397	392	390	386	387
NONDURABLE GOODS	8,113	8,083	8,083	8,038	8,002	7,952	7,895	7,879	7,829	7,794	7,783	7,724	7,682
Food and kindred products	1,678	1,659	1,658	1,662	1,664	1,661	1,657	1,663	1,658	1,643	1,652	1,638	1,621
Tobacco manufactures	70	70	69	69	69	68	69	68	68	67	67	67	65
Textile mill products	835	829	827	814	804	794	780	777	760	773	759	739	744
Apparel and other textile products	1,255	1,253	1,253	1,243	1,235	1,222	1,201	1,201	1,186	1,165	1,165	1,162	1,150
Paper and allied products	691	691	695	685	681	677	674	670	668	664	661	658	655
Printing and publishing	1,268	1,271	1,274	1,276	1,276	1,276	1,275	1,276	1,278	1,274	1,274	1,268	1,263
Chemicals and allied products	1,110	1,107	1,110	1,107	1,103	1,100	1,095	1,093	1,088	1,082	1,079	1,072	1,069
Petroleum and coal products	217	216	216	215	215	214	210	208	207	206	207	205	204
Rubber and misc. plastic products	750	752	746	734	725	716	712	708	703	706	708	705	705
Leather and leather products	239	235	235	233	230	224	222	215	213	214	211	210	206
SERVICE PRODUCING	65,678	65,685	65,780	65,831	65,820	65,734	65,776	65,828	65,854	65,794	65,911	65,868	65,965
TRANSPORTATION AND PUBLIC UTILITIES	5,168	5,158	5,181	5,162	5,150	5,128	5,125	5,115	5,100	5,094	5,101	5,081	5,058
WHOLESALE AND RETAIL TRADE	20,620	20,650	20,660	20,654	20,623	20,524	20,630	20,670	20,655	20,584	20,652	20,602	20,629
WHOLESALE TRADE	5,375	5,387	5,383	5,380	5,375	5,357	5,346	5,343	5,336	5,323	5,331	5,307	5,298
RETAIL TRADE	15,245	15,263	15,277	15,274	15,248	15,167	15,284	15,327	15,319	15,261	15,321	15,295	15,331
FINANCE, INSURANCE, AND REAL ESTATE	5,311	5,319	5,328	5,325	5,324	5,331	5,326	5,326	5,336	5,335	5,342	5,356	5,362
SERVICES	18,615	18,654	18,707	18,773	18,815	18,834	18,831	18,867	18,904	18,929	18,963	19,012	19,066
GOVERNMENT	15,964	15,894	15,904	15,917	15,908	15,917	15,864	15,850	15,859	15,852	15,853	15,817	15,850
FEDERAL	2,775	2,769	2,764	2,757	2,749	2,756	2,741	2,737	2,736	2,730	2,728	2,739	2,748
STATE AND LOCAL	13,189	13,125	13,140	13,160	13,159	13,161	13,123	13,113	13,123	13,122	13,125	13,078	13,102

p = preliminary

B-5. Women employees on nonagricultural payrolls by industry division and major manufacturing group, seasonally adjusted

[In thousands]

Industry division and group	1981								1982				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May
TOTAL	38,971	39,039	39,181	39,199	39,187	39,198	39,139	39,098	39,089	39,147	39,150	39,093	39,181
GOODS-PRODUCING	6,871	6,890	6,938	6,927	6,909	6,871	6,814	6,759	6,712	6,692	6,650	6,601	6,593
MINING	121	128	131	133	135	137	138	141	140	141	142	143	141
CONSTRUCTION	380	381	383	383	382	381	381	381	384	382	382	384	383
MANUFACTURING	6,370	6,381	6,424	6,411	6,392	6,353	6,295	6,237	6,188	6,169	6,126	6,074	6,069
DURABLE GOODS	3,055	3,066	3,087	3,087	3,074	3,050	3,008	2,972	2,957	2,942	2,922	2,894	2,891
Lumber and wood products	105	104	104	103	100	98	95	94	93	92	91	91	91
Furnitures and fixtures	142	143	145	144	142	142	139	137	136	135	135	133	133
Stone, clay, and glass products	126	127	127	128	126	126	123	122	120	120	119	117	117
Primary metal industries	127	127	126	126	125	122	119	116	113	112	110	107	107
Fabricated metal products	341	342	344	342	340	333	326	320	317	315	313	309	308
Machinery, except electrical	506	512	514	519	520	520	517	511	507	505	503	500	499
Electric and electronic equipment	898	899	904	905	905	898	884	874	880	876	870	867	869
Transportation equipment	309	312	314	314	312	308	304	298	296	295	293	287	286
Instruments and related products	309	308	311	313	312	311	310	309	307	306	304	303	303
Miscellaneous manufacturing ind.	192	192	198	193	192	192	191	191	188	186	184	180	178
NONDURABLE GOODS	3,315	3,315	3,337	3,324	3,318	3,303	3,287	3,265	3,231	3,227	3,204	3,180	3,178
Food and kindred products	506	500	503	497	492	499	501	500	496	499	499	491	495
Tobacco manufactures	26	26	26	26	25	25	25	25	25	24	24	24	24
Textile mill products	393	394	398	394	394	388	383	378	370	368	362	367	362
Apparel and other textile products	1,007	1,010	1,014	1,012	1,012	1,004	998	988	971	971	958	939	938
Paper and allied products	161	160	162	162	163	160	158	158	157	157	156	155	154
Printing and publishing	505	505	508	510	512	513	513	515	516	518	518	518	519
Chemicals and allied products	284	285	285	284	285	285	285	285	284	284	283	282	281
Petroleum and coal products	31	31	31	31	32	32	32	32	32	33	33	32	32
Rubber and misc. plastics products	262	264	267	267	263	258	254	250	247	245	244	245	247
Leather and leather products	140	140	143	141	140	139	138	134	133	128	127	127	126
SERVICE-PRODUCING	32,100	32,149	32,243	32,272	32,278	32,327	32,325	32,339	32,377	32,455	32,500	32,492	32,588
TRANSPORTATION AND PUBLIC UTILITIES	1,333	1,339	1,342	1,348	1,355	1,355	1,351	1,358	1,338	1,339	1,339	1,342	1,348
WHOLESALE AND RETAIL TRADE	8,951	8,984	9,021	9,043	9,057	9,066	9,049	9,022	9,084	9,129	9,130	9,118	9,156
WHOLESALE TRADE	1,392	1,393	1,396	1,403	1,406	1,407	1,412	1,408	1,405	1,408	1,409	1,411	1,410
RETAIL TRADE	7,559	7,591	7,625	7,640	7,651	7,659	7,637	7,614	7,679	7,721	7,721	7,707	7,746
FINANCE, INSURANCE, AND REAL ESTATE	3,154	3,159	3,169	3,172	3,182	3,183	3,186	3,189	3,185	3,185	3,190	3,194	3,202
SERVICES	10,903	10,927	10,972	10,989	11,028	11,086	11,113	11,135	11,151	11,192	11,216	11,229	11,255
GOVERNMENT	7,759	7,740	7,739	7,720	7,656	7,637	7,626	7,635	7,619	7,610	7,625	7,609	7,627
FEDERAL	876	875	878	879	880	876	874	881	877	875	876	873	876
STATE AND LOCAL	6,883	6,865	6,861	6,841	6,776	6,761	6,752	6,754	6,742	6,735	6,749	6,736	6,751

ESTABLISHMENT DATA
SEASONALLY ADJUSTED EMPLOYMENT

B-6. Production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division and major manufacturing group, seasonally adjusted

(In thousands)

Industry division and group	1981						1982						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June P	July P
TOTAL PRIVATE	61,193	61,168	61,180	61,017	60,775	60,431	60,248	60,282	60,132	59,923	60,025	59,799	59,762
GOODS PRODUCING	18,313	18,224	18,164	17,972	17,758	17,478	17,251	17,225	17,073	16,922	16,917	16,702	16,614
MINING	856	869	876	877	882	883	875	876	871	863	815	801	790
CONSTRUCTION	3,245	3,219	3,201	3,180	3,155	3,107	3,035	3,059	3,023	3,017	3,074	3,033	3,029
MANUFACTURING	14,212	14,136	14,087	13,915	13,717	13,488	13,341	13,290	13,179	13,042	13,008	12,868	12,818
DURABLE GOODS	8,439	8,389	8,345	8,218	8,061	7,865	7,793	7,759	7,625	7,576	7,553	7,458	7,417
Lumber and wood products	570	558	549	531	516	503	497	502	497	507	507	507	509
Furniture and fixtures	385	383	381	376	369	364	359	356	353	350	350	351	353
Stone, clay, and glass products	496	496	492	484	475	465	452	452	446	441	444	439	435
Primary metal industries	872	871	865	843	821	795	780	770	756	727	702	687	685
Fabricated metal products	1,196	1,188	1,182	1,156	1,133	1,110	1,096	1,089	1,081	1,069	1,063	1,049	1,047
Machinery, except electrical	1,601	1,607	1,606	1,598	1,576	1,552	1,526	1,514	1,490	1,460	1,454	1,407	1,371
Electric and electronic equipment	1,331	1,331	1,327	1,314	1,285	1,257	1,266	1,258	1,248	1,241	1,240	1,236	1,237
Transportation equipment	1,204	1,219	1,206	1,184	1,159	1,115	1,102	1,108	1,109	1,096	1,098	1,092	1,109
Instruments and related products	432	431	431	428	424	423	420	418	415	411	412	409	409
Miscellaneous manufacturing ind.	312	305	306	304	303	301	295	292	290	284	283	281	282
NONDURABLE GOODS	5,773	5,747	5,742	5,697	5,656	5,603	5,548	5,531	5,498	5,466	5,455	5,410	5,381
Food and kindred products	1,154	1,139	1,137	1,142	1,144	1,140	1,135	1,142	1,138	1,125	1,133	1,122	1,108
Tobacco manufactures	55	55	54	54	54	53	54	53	53	52	52	52	53
Textile mill products	724	718	717	704	693	683	670	667	651	662	650	632	617
Apparel and other textile products	1,065	1,066	1,066	1,056	1,049	1,036	1,018	1,018	1,006	987	985	983	971
Paper and allied products	521	520	525	515	511	506	504	501	499	496	493	489	489
Printing and publishing	698	699	701	702	700	700	699	699	701	698	699	695	692
Chemicals and allied products	630	630	629	625	621	616	612	609	609	602	630	595	595
Petroleum and coal products	136	134	134	133	132	131	125	124	124	123	123	122	121
Rubber and misc. plastics products	584	586	580	568	557	548	544	538	534	541	543	544	546
Leather and leather products	202	200	199	198	195	190	187	180	179	180	177	176	172
SERVICE PRODUCING	42,880	42,944	43,016	43,045	43,021	42,923	42,997	43,057	43,059	43,001	43,108	43,097	43,148
TRANSPORTATION AND PUBLIC UTILITIES	4,285	4,285	4,295	4,275	4,261	4,241	4,241	4,232	4,217	4,209	4,212	4,194	4,177
WHOLESALE AND RETAIL TRADE	18,026	18,049	18,059	18,053	18,016	17,920	18,011	18,061	18,051	17,996	18,065	18,011	18,043
WHOLESALE TRADE	4,376	4,381	4,376	4,373	4,367	4,348	4,332	4,327	4,317	4,301	4,339	4,284	4,283
RETAIL TRADE	13,650	13,668	13,683	13,680	13,649	13,572	13,679	13,734	13,734	13,695	13,756	13,727	13,760
FINANCE, INSURANCE, AND REAL ESTATE	4,010	4,018	4,023	4,019	4,013	4,014	4,007	4,003	4,004	3,999	3,998	4,015	4,016
SERVICES	16,559	16,592	16,639	16,698	16,731	16,748	16,738	16,761	16,787	16,797	16,833	16,875	16,895

[1] For coverage of series, see footnote 1, table B-2.

P = preliminary

B-7. Indexes of diffusion: Percent of industries in which employment[1] increased

Year and month	Over 1 month span	Over 3 month span	Over 6 month span	Over 12 month span
1979				
January	64.2	68.3	73.3	71.7
February	61.6	68.3	71.0	70.4
March	63.6	65.1	68.8	69.1
April	51.6	65.9	63.7	63.6
May	61.8	62.1	59.6	59.7
June	62.4	63.4	53.5	57.3
July	54.3	53.2	58.1	57.3
August	53.5	48.4	49.2	55.9
September	48.9	51.9	49.7	52.2
October	61.8	51.6	51.6	46.0
November	50.3	54.0	51.6	39.8
December	51.1	51.1	47.6	43.3
1980				
January	53.8	50.0	39.8	30.9
February	48.9	47.0	34.1	32.3
March	49.2	35.2	29.3	32.9
April	29.0	28.8	23.1	31.9
May	32.8	23.1	26.6	31.7
June	29.6	28.2	28.8	32.3
July	35.2	34.1	35.8	31.2
August	64.0	51.6	44.1	33.9
September	61.0	69.1	59.1	35.9
October	62.6	67.2	71.2	39.5
November	59.4	64.2	66.0	50.8
December	54.6	58.9	61.0	62.6
1981				
January	56.7	53.5	66.6	73.9
February	46.7	52.2	65.9	71.6
March	51.1	60.2	67.2	70.4
April	68.3	70.2	67.7	62.1
May	65.3	70.4	67.2	50.0
June	34.0	65.9	67.3	43.3
July	59.9	59.4	51.3	35.2
August	50.3	37.0	39.0	33.6
September	50.3	40.0	31.9	31.5
October	34.7	30.9	30.1	27.2
November	28.1	26.1	27.7	27.7
December	31.2	33.4	24.2	26.3p
1982				
January	32.5	28.0	21.8	21.5p
February	42.5	31.2	27.4	
March	35.8	33.6	28.5p	
April	40.9	37.1	32.5p	
May	51.1	35.8p		
June	33.9p	36.6p		
July	44.1p			
August				
September				
October				
November				
December				

[1] Number of employees, seasonally adjusted, on payrolls of 186 private nonagricultural industries.
p = preliminary.

NOTE: Figures are the percent of industries with employment rising. (Half of the unchanged components are counted as rising.)

ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division

(In thousands)

State and areas	Total			Mining			Construction			Manufacturing		
	JUNE 1981	MAY 1982	JUNE 1982P	JUNE 1981	MAY 1982	JUNE 1982P	JUNE 1981	MAY 1982	JUNE 1982P	JUNE 1981	MAY 1982	JUNE 1982P
ALABAMA	1,351.1	1,334.7	1,333.5	16.6	16.4	16.6	67.5	64.0	63.7	367.8	344.5	343.3
Birmingham	342.3	340.4	337.1	6.7	6.7	6.6	19.8	18.7	18.9	60.1	55.2	54.2
Huntsville	122.1	125.3	123.8	(1)	(1)	(1)	4.3	3.9	4.0	36.7	37.5	36.7
Mobile	150.1	149.2	150.1	(1)	(1)	(1)	12.0	9.2	9.3	31.8	29.1	29.0
Montgomery	107.3	104.9	104.7	(1)	(1)	(1)	6.1	5.5	5.6	17.0	15.2	15.3
Tuscaloosa	50.1	50.4	48.8	2.5	2.7	2.7	2.6	1.9	1.9	8.2	7.8	7.7
ALASKA	184.7	185.4	192.1	8.2	8.0	8.6	12.9	14.0	16.1	15.3	10.4	12.2
ARIZONA	1,029.7	1,040.1	1,016.7	25.6	18.7	15.7	72.6	62.4	61.8	161.2	153.1	153.2
Phoenix	648.8	659.3	646.4	.4	.4	.4	49.5	42.5	41.6	117.8	111.2	111.3
Tucson	186.2	191.5	188.1	7.9	5.2	4.9	13.2	11.3	11.5	23.9	25.4	25.5
ARKANSAS	740.4	728.7	719.0	6.0	6.1	6.1	36.1	30.5	31.5	214.4	197.2	196.7
Fayetteville—Springdale	65.1	65.7	63.6	(1)	(1)	(1)	2.7	2.6	2.6	20.7	18.9	18.5
Fort Smith	70.8	65.3	64.5	1.1	1.2	1.3	2.8	2.2	2.3	24.2	20.0	20.0
Little Rock—North Little Rock	179.6	178.0	176.4	(1)	(1)	(1)	9.1	9.2	9.5	29.6	26.9	27.2
Pine Bluff	31.3	30.9	30.5	(1)	(1)	(1)	2.2	1.8	1.9	6.4	5.5	5.7
CALIFORNIA	10,112.3	10,026.9	10,042.9	49.2	48.6	48.3	440.8	379.1	379.7	2,033.1	1,936.9	1,933.2
Anaheim—Santa Ana—Garden Grove	875.8	867.9	869.7	2.7	3.0	3.0	51.0	43.7	43.6	225.1	219.1	218.4
Bakersfield	138.7	135.5	136.5	14.4	14.2	14.2	7.3	6.1	6.2	10.1	9.8	9.8
Fresno	184.5	183.1	182.0	1.0	1.1	1.1	10.2	9.4	9.2	22.8	21.9	21.7
Los Angeles—Long Beach	3,675.1	3,610.0	3,613.1	14.4	14.3	14.4	124.1	104.3	106.6	927.0	869.7	868.0
Modesto	87.7	87.6	87.6	.1	.1	.1	5.5	4.8	5.1	18.2	18.3	18.5
Oxnard—Simi Valley—Ventura	159.8	162.6	162.5	2.9	3.3	3.0	7.3	6.6	6.6	25.0	25.9	25.8
Riverside—San Bernardino—Ontario	438.7	440.7	437.8	2.2	1.8	1.7	24.0	21.4	21.7	82.4	80.9	80.5
Sacramento	410.0	407.2	406.5	.7	.7	.7	19.0	16.7	17.2	27.0	26.6	26.9
Salinas—Seaside—Monterey	91.6	91.1	92.5	.4	.4	.4	3.4	3.4	3.4	9.2	9.5	9.9
San Diego	670.4	662.4	659.9	.6	.6	.6	39.4	30.8	30.5	109.4	106.8	105.8
San Francisco—Oakland	1,591.9	1,580.0	1,586.5	4.0	4.4	4.4	76.9	72.5	73.9	201.5	192.4	192.5
San Jose	696.5	700.5	703.3	.1	.1	.1	25.2	22.2	22.5	246.8	249.9	250.8
Santa Barbara—Santa Maria—Lompoc	125.4	125.0	124.9	1.6	1.5	1.5	5.0	4.6	4.6	18.4	18.3	18.2
Santa Rosa	97.4	96.5	97.2	.5	.4	.5	6.0	4.8	5.0	15.2	15.8	15.8
Stockton	123.4	120.4	118.8	.1	.1	.1	6.0	5.7	5.7	22.3	20.2	19.8
Vallejo—Fairfield—Napa	102.9	103.0	103.1	.5	.5	.5	5.2	4.7	4.7	11.1	10.9	11.1
COLORADO	1,283.4	1,284.5	1,290.6	43.0	41.0	41.4	69.0	73.0	76.0	185.0	179.6	179.4
Denver—Boulder	822.0	828.5	831.7	25.8	27.4	27.9	39.8	44.6	46.3	128.7	125.9	125.5
CONNECTICUT	1,457.8	1,425.2	1,429.4	(2)	(2)	(2)	54.1	51.2	52.8	443.1	414.6	412.2
Bridgeport	170.9	168.1	168.0	(2)	(2)	(2)	4.7	4.4	4.6	65.3	63.0	62.6
Hartford	403.6	397.4	398.7	(2)	(2)	(2)	12.9	12.3	12.6	98.7	90.7	90.5
New Britain	63.7	62.0	60.8	(2)	(2)	(2)	2.5	2.4	2.5	29.4	27.0	25.8
New Haven—West Haven	190.4	189.3	188.5	(2)	(2)	(2)	6.6	6.4	6.7	42.2	40.1	38.8
Stamford	114.6	113.1	114.5	(2)	(2)	(2)	6.0	5.9	6.0	32.6	31.2	31.3
Waterbury	88.9	87.7	88.2	(2)	(2)	(2)	3.3	3.0	3.2	32.2	30.7	30.5
DELAWARE	284.5	256.3	257.9	(1)	(1)	(1)	13.6	14.7	14.8	73.1	68.7	68.7
Wilmington	232.3	226.8	229.8	(1)	(1)	(1)	14.1	14.6	14.9	66.4	62.7	59.7
DISTRICT OF COLUMBIA	614.0	603.3	606.0	(1)	(1)	(1)	12.1	11.7	11.9	15.2	14.6	14.5
Washington SMSA	1,621.4	1,592.7	1,597.3	(1)	(1)	(1)	79.4	68.4	69.5	59.1	60.0	60.7
FLORIDA	3,728.4	3,785.6	3,763.4	11.4	9.6	9.0	284.4	257.1	256.7	465.8	456.3	451.9
Daytona Beach	81.7	80.5	80.4	-	-	-	5.3	4.2	4.2	8.7	8.6	8.6
Fort Lauderdale—Hollywood	360.7	353.3	349.2	(1)	(1)	(1)	31.0	25.3	25.7	41.7	39.9	39.9
Fort Myers—Cape Coral	71.9	72.3	72.0	(1)	(1)	(1)	9.1	8.1	8.0	3.8	4.3	4.3
Gainesville	68.7	68.4	68.2	(1)	(1)	(1)	3.3	2.9	3.0	4.5	4.4	4.4
Jacksonville	298.9	302.0	302.0	(1)	(1)	(1)	16.3	17.6	17.6	34.4	33.5	33.0
Lakeland—Winter Haven	124.4	115.5	111.3	6.2	3.8	3.1	10.7	8.8	8.6	22.5	19.4	17.9
Melbourne—Titusville—Cocoa	108.3	105.4	103.2	(1)	(1)	(1)	6.7	5.8	5.5	23.7	24.4	24.2
Miami	749.6	726.7	725.2	(1)	(1)	(1)	41.2	34.7	34.3	100.0	97.0	97.0
Orlando	301.5	301.0	299.9	(1)	(1)	(1)	22.0	19.4	19.5	38.2	37.5	37.3
Pensacola	101.6	100.0	99.9	(1)	(1)	(1)	7.3	6.4	6.4	12.7	12.2	12.0
Sarasota	72.9	73.6	73.7	(1)	(1)	(1)	7.9	6.8	6.8	6.4	6.0	6.0
Tallahassee	68.5	74.1	73.7	(1)	(1)	(1)	3.9	3.5	3.5	2.9	2.9	2.8
Tampa—St. Petersburg	574.7	571.9	569.0	(1)	(1)	(1)	43.7	37.7	37.4	78.9	77.2	76.6
West Palm Beach—Boca Raton	216.7	218.3	214.6	(1)	(1)	(1)	20.7	18.0	18.1	28.3	28.4	28.2

See footnotes at end of table.

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
JUNE 1981	MAY 1982	JUNE 1982P	JUNE 1981	MAY 1982	JUNE 1982P	JUNE 1981	MAY 1982	JUNE 1982P	JUNE 1981	MAY 1982	JUNE 1982P	JUNE 1981	MAY 1982	JUNE 1982P	
72.1	71.0	71.0	272.0	272.3	271.1	69.0	59.1	59.3	211.1	212.9	213.1	284.0	294.5	295.4	1
29.6	29.7	29.7	81.1	81.2	81.2	23.2	22.9	23.0	69.3	70.3	70.8	50.2	53.7	50.7	2
2.7	2.6	2.6	21.8	22.5	22.5	3.7	3.5	3.5	19.0	19.8	19.6	34.2	35.5	34.9	3
10.4	10.3	10.3	37.4	35.8	35.7	7.3	7.3	7.3	30.0	30.6	30.7	27.2	28.9	27.8	4
4.6	4.4	4.4	23.4	23.1	23.0	6.3	6.3	6.3	20.6	20.9	20.7	29.3	29.5	29.4	5
1.7	1.8	1.8	10.0	9.6	9.6	1.7	1.7	1.7	6.4	6.5	6.5	17.0	18.4	16.9	6
19.0	18.2	19.1	31.8	32.5	33.4	8.7	9.2	9.3	32.2	32.6	33.9	56.6	60.5	59.5	7
54.1	55.0	55.2	252.0	259.7	257.6	61.1	61.8	61.9	215.4	223.1	222.0	187.7	206.3	189.3	8
33.0	34.1	34.2	168.6	173.2	171.6	47.2	47.8	47.8	139.4	147.0	145.9	92.9	103.1	93.4	9
9.2	8.9	9.0	41.8	43.5	43.3	8.8	8.9	8.9	40.7	42.4	42.2	40.7	45.9	42.8	10
43.9	43.2	43.8	161.7	161.6	162.1	32.3	32.8	33.2	117.2	117.4	118.6	128.8	139.9	127.0	11
4.0	4.1	4.2	15.9	16.6	16.5	2.3	2.3	2.3	9.2	9.7	9.4	10.3	11.5	10.1	12
3.7	3.3	3.3	14.6	14.0	14.0	2.6	2.6	2.6	12.5	12.0	12.1	9.3	10.0	8.9	13
13.9	13.2	13.3	42.2	41.4	41.7	12.9	12.8	12.9	35.7	36.8	37.3	36.2	37.7	36.5	14
3.9	3.8	3.8	6.3	6.3	6.2	1.3	1.4	1.4	5.2	5.4	5.4	6.0	6.7	6.1	15
557.1	549.6	551.0	2,315.3	2,335.4	2,344.6	644.7	656.9	657.2	2,260.5	2,334.1	2,344.3	1,811.3	1,786.3	1,784.6	16
29.5	29.5	29.6	211.3	215.8	217.1	61.7	62.2	62.0	184.5	187.4	188.7	110.3	107.2	107.3	17
8.0	7.7	7.7	35.2	34.2	34.7	5.2	5.3	5.3	25.0	25.3	25.5	33.5	32.9	33.1	18
11.1	10.7	10.7	48.8	48.0	48.7	11.6	11.8	11.7	37.5	37.8	37.7	41.5	42.4	41.2	19
201.8	196.7	196.3	817.3	829.8	830.6	240.0	242.4	242.5	862.5	882.0	888.5	492.3	479.8	486.2	20
3.8	3.7	3.7	21.3	21.4	21.5	3.6	3.6	3.6	17.7	18.3	18.2	17.5	17.4	16.9	21
6.9	7.3	7.3	38.5	40.0	40.1	8.3	8.5	8.5	32.4	32.8	32.7	38.5	38.5	38.5	22
26.2	25.9	26.0	108.4	109.9	109.8	19.8	20.0	19.9	93.9	96.9	95.8	101.8	103.9	102.4	23
22.5	22.3	22.3	94.9	94.0	94.0	22.5	22.5	22.5	78.7	78.5	78.5	144.7	145.9	144.4	24
5.4	5.0	5.1	23.6	23.7	24.1	4.4	4.3	4.4	20.3	20.3	20.5	24.9	24.5	24.7	25
29.6	29.5	29.6	151.9	151.5	150.6	41.0	41.2	41.1	155.7	159.5	159.4	140.8	142.5	142.3	26
131.2	127.8	127.9	361.9	362.1	363.8	150.6	152.5	153.0	371.3	379.9	382.1	294.5	288.4	288.9	27
22.5	22.3	22.4	128.8	132.7	132.9	28.9	28.4	28.4	161.4	163.3	164.9	82.8	81.6	81.3	28
5.4	5.3	5.4	29.5	29.6	29.7	5.9	6.0	6.0	34.1	35.0	34.8	25.5	24.7	24.7	29
5.1	4.9	4.9	23.4	23.7	23.8	6.0	6.0	6.0	20.6	20.4	20.6	20.6	20.5	20.6	30
8.4	7.9	8.0	28.9	27.7	27.5	5.3	5.4	5.4	24.7	25.5	25.0	27.7	27.9	27.1	31
4.9	4.6	4.6	22.5	22.9	23.0	3.5	3.4	3.4	19.9	20.6	20.2	35.3	35.4	35.6	32
82.1	80.1	81.0	311.9	313.8	314.5	79.7	81.4	82.0	268.4	271.1	277.1	244.4	244.5	239.2	33
57.3	55.7	56.1	195.1	196.2	196.0	56.6	58.3	58.8	180.7	183.1	185.5	138.1	137.2	135.6	34
62.2	60.8	61.6	306.0	305.7	307.8	111.3	114.4	116.0	293.7	297.6	303.6	187.4	180.9	178.4	35
6.1	6.1	6.1	34.8	34.9	34.8	7.7	7.7	7.7	35.1	34.9	35.1	17.2	17.1	17.1	36
14.4	14.6	14.6	84.4	85.1	85.4	63.7	63.0	64.2	76.1	77.7	77.4	53.4	54.0	53.8	37
3.2	3.3	3.4	10.5	10.5	10.5	1.9	1.9	1.9	10.0	10.3	10.4	6.2	6.0	6.3	38
15.8	15.8	15.9	40.5	40.4	40.8	11.4	11.4	11.6	49.2	50.5	50.4	24.7	24.7	24.3	39
4.7	4.6	4.7	26.0	26.3	26.6	8.4	8.6	8.7	26.6	26.2	26.8	10.3	10.3	10.4	40
3.1	3.1	3.2	16.0	15.9	16.1	3.8	3.9	3.9	19.3	19.6	19.8	11.5	11.5	11.5	41
12.2	12.1	12.1	58.2	56.2	57.3	13.1	12.9	13.1	50.1	49.3	50.7	44.2	44.5	43.3	42
12.0	11.7	11.7	47.8	46.4	46.9	12.1	12.1	12.4	44.8	43.8	45.0	35.0	35.5	34.2	43
26.6	26.2	26.4	63.7	63.8	64.2	34.9	33.7	34.0	186.1	185.7	185.8	275.4	287.6	289.2	44
72.8	72.8	73.7	310.1	315.0	315.6	93.1	91.7	93.3	452.3	450.4	454.5	554.6	534.4	530.0	45
230.2	231.3	230.0	972.3	1,027.6	1,015.6	272.9	281.2	279.5	861.0	905.2	907.3	628.4	617.3	613.4	46
3.3	3.2	3.2	23.1	23.5	23.0	4.7	4.7	4.7	22.0	21.4	21.6	14.8	14.9	15.1	47
17.3	17.5	17.6	104.7	103.3	100.4	31.6	32.0	31.7	85.9	85.9	84.7	46.5	49.4	49.2	48
4.3	4.4	4.4	20.6	20.3	20.1	6.5	6.6	6.8	16.2	16.6	16.4	11.4	11.8	12.0	49
1.7	1.7	1.7	14.5	14.5	14.1	3.0	3.1	3.2	14.2	13.9	13.9	27.7	27.9	27.9	50
24.6	25.1	25.2	77.9	77.8	78.1	28.2	28.0	27.9	63.7	65.4	65.6	52.8	54.6	54.6	51
5.4	5.2	5.1	31.2	29.3	28.2	6.7	7.1	6.9	24.0	24.1	23.7	17.7	17.8	17.8	52
4.8	4.5	4.4	22.7	21.5	21.7	4.3	4.2	3.8	26.1	26.1	25.5	19.7	18.5	18.1	53
74.3	71.0	70.6	197.1	191.7	191.1	57.9	56.6	56.2	182.3	179.0	179.1	98.8	98.7	98.9	54
15.1	15.7	15.7	80.4	81.0	80.3	20.4	20.3	20.4	82.8	82.4	82.0	42.6	44.7	44.7	55
5.2	4.8	4.9	24.1	24.7	24.8	4.6	4.5	4.6	21.0	21.8	21.7	26.7	25.6	25.5	56
3.2	3.2	3.2	21.0	22.3	22.2	6.0	6.1	6.0	18.7	18.8	19.0	9.7	10.4	10.5	57
3.0	3.1	3.1	15.1	15.5	15.3	3.5	3.6	3.6	14.0	14.0	13.9	34.1	31.5	31.5	58
32.3	32.8	32.9	158.1	160.2	158.5	41.7	42.5	42.7	137.7	137.1	137.0	82.3	84.4	83.9	59
9.3	10.1	10.0	55.9	57.8	58.1	18.0	18.5	18.0	53.0	53.5	52.3	31.5	32.0	31.9	60

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

	State and areas	Total			Mining			Construction			Manufacturing		
		JUNE 1981	MAY 1982	JUNE 1982P	JUNE 1981	MAY 1982	JUNE 1982P	JUNE 1981	MAY 1982	JUNE 1982P	JUNE 1981	MAY 1982	JUNE 1982P
1	**GEORGIA**	2,186.4	2,163.1	2,155.0	7.9	7.9	7.9	102.9	99.6	100.4	526.5	495.5	493.4
2	Albany	44.8	44.8	44.7	(1)	(1)	(1)	2.0	2.2	2.1	12.1	11.8	11.8
3	Atlanta	993.5	997.1	993.0	(1)	(1)	(1)	46.1	44.2	45.0	147.6	141.6	140.8
4	Augusta	121.3	122.3	121.5	(1)	(1)	(1)	5.7	5.1	5.3	35.4	34.4	33.9
5	Columbus	82.6	78.3	77.9	(1)	(1)	(1)	5.0	5.1	5.0	21.4	18.7	18.2
6	Macon	97.9	98.5	98.4	(1)	(1)	(1)	3.5	3.8	3.8	17.3	17.1	17.0
7	Savannah	88.1	88.8	89.6	(1)	(1)	(1)	4.8	4.4	4.6	17.1	16.0	16.4
8	**HAWAII**	406.8	402.7	402.4	-	-	-	22.3	19.2	18.8	25.4	22.9	23.8
9	Honolulu	335.1	330.6	330.0	-	-	-	18.2	15.5	15.0	18.8	16.8	17.7
10	**IDAHO**	325.3	317.4	319.1	5.3	3.5	3.5	16.7	15.7	16.7	53.3	47.6	49.1
11	Boise City	77.7	75.7	75.8	(1)	(1)	(1)	5.5	4.9	5.4	8.7	8.7	8.7
12	**ILLINOIS**	4,800.4	4,638.5	4,637.4	29.5	29.0	28.4	176.8	159.5	164.7	1,149.9	1,039.9	1,029.7
13	Bloomington—Normal	49.9	48.4	47.5	(2)	(2)	(2)	2.0	1.8	1.9	7.0	6.3	6.0
14	Champaign—Urbana—Rantoul	73.0	77.4	73.5	(2)	(2)	(2)	1.8	1.4	1.5	7.7	7.4	7.3
15	Chicago—Gary	(*)	3,402.7	3,422.4	(*)	4.3	4.3	(*)	113.1	119.6	(*)	791.7	793.7
16	Chicago SMSA [3]	3,259.5	3,166.6	3,187.7	4.1	4.2	4.2	105.8	99.7	105.9	785.2	712.5	715.4
17	Davenport—Rock Island—Moline	165.2	157.6	157.4	(2)	(2)	(2)	7.9	7.4	7.6	50.9	45.4	44.6
18	Decatur	56.7	54.4	54.4	(2)	(2)	(2)	2.4	2.2	2.4	20.5	18.9	19.1
19	Kankakee	33.9	32.9	33.4	(2)	(2)	(2)	1.8	1.6	1.6	9.1	8.2	8.2
20	Peoria	148.8	141.6	138.1	(2)	(2)	(2)	7.0	6.7	7.0	48.4	42.3	38.3
21	Rockford	117.9	105.4	106.1	(2)	(2)	(2)	3.8	3.4	3.7	50.0	38.8	38.9
22	Springfield	88.8	86.8	87.0	(2)	(2)	(2)	4.0	4.0	3.9	6.7	6.2	6.2
23	**INDIANA**	2,135.5	2,046.3	2,034.6	9.9	9.2	9.2	89.9	78.4	78.2	670.9	601.9	601.7
24	Anderson	46.4	43.4	43.3	(1)	(1)	(1)	1.1	1.1	1.1	20.3	17.6	17.8
25	Elkhart	69.1	66.6	66.9	-	-	-	2.3	1.8	1.9	35.2	34.0	34.1
26	Evansville	128.9	124.4	126.2	2.8	2.5	2.5	7.2	6.4	6.5	37.4	33.9	34.9
27	Fort Wayne	172.7	164.8	163.0	(1)	(1)	(1)	8.2	7.2	7.4	54.4	48.4	48.5
28	Gary—Hammond—East Chicago [3]	252.4	236.1	234.7	(1)	(1)	(1)	15.1	13.4	13.7	93.4	79.2	78.3
29	Indianapolis	535.9	523.0	519.5	(1)	(1)	(1)	23.3	21.5	21.6	123.7	114.8	113.4
30	Lafayette—West Lafayette	53.8	55.7	52.7	(1)	(1)	(1)	2.8	2.3	2.5	11.4	10.5	10.5
31	Muncie	46.8	47.3	45.0	(1)	(1)	(1)	1.4	1.1	1.2	12.5	10.8	10.7
32	South Bend	107.4	104.3	104.1	(1)	(1)	(1)	4.5	3.6	3.7	31.0	29.9	29.8
33	Terre Haute	60.9	57.6	55.8	1.3	1.4	1.4	3.5	2.5	2.6	15.6	13.8	13.8
34	**IOWA**	1,058.9	1,063.6	1,054.0	2.1	2.0	2.0	48.6	41.5	43.7	237.8	214.9	210.0
35	Cedar Rapids	82.5	77.0	76.5	(1)	(1)	(1)	3.6	2.8	2.9	26.1	23.1	22.2
36	Des Moines	177.6	171.5	171.4	(1)	(1)	(1)	6.7	5.2	5.3	23.5	20.7	20.2
37	Dubuque	42.1	39.1	39.0	(1)	(1)	(1)	1.4	1.1	1.2	14.7	11.8	11.5
38	Sioux City	46.1	48.6	46.1	(1)	(1)	(1)	2.1	1.7	1.6	9.1	8.6	8.5
39	Waterloo—Cedar Falls	64.5	63.5	59.8	(1)	(1)	(1)	2.1	2.1	2.2	22.5	18.9	19.0
40	**KANSAS**	951.5	939.6	938.2	19.7	19.3	18.7	44.9	38.8	39.8	189.6	173.0	172.4
41	Lawrence	28.8	28.4	28.5	(2)	(2)	(2)	.9	.7	.8	4.9	4.5	4.3
42	Topeka	87.0	84.0	84.6	.2	.2	.1	3.6	2.7	3.0	10.2	9.8	9.5
43	Wichita	219.0	197.9	197.8	3.5	3.8	3.8	10.2	9.0	9.2	64.7	55.1	54.3
44	**KENTUCKY**	1,191.7	1,169.8	1,159.8	41.0	53.4	52.6	53.0	45.6	45.9	278.7	253.0	249.0
45	Lexington—Fayette	142.7	143.2	141.1	(1)	(1)	(1)	6.5	4.8	4.8	29.5	27.7	27.3
46	Louisville	388.0	374.6	371.2	(1)	(1)	(1)	18.1	16.9	17.2	99.8	89.0	85.6
47	Owensboro	31.6	27.9	27.8	1.2	.9	.9	1.8	1.3	1.3	6.8	5.7	5.7
48	**LOUISIANA**	1,634.7	1,621.6	1,620.1	99.0	98.6	99.0	139.5	132.1	133.8	224.4	203.6	201.6
49	Alexandria	53.2	53.8	53.0	(1)	(1)	(1)	4.2	3.9	4.0	5.2	5.2	5.2
50	Baton Rouge	203.9	203.9	202.6	1.3	1.3	1.3	25.3	18.9	19.4	26.6	25.3	25.2
51	Lafayette	89.8	95.9	96.6	18.9	20.1	19.9	5.8	5.8	5.9	4.7	5.1	5.2
52	Lake Charles	71.2	65.2	64.8	2.5	2.4	2.4	10.3	5.8	5.6	13.7	11.3	10.9
53	Monroe	51.5	49.4	48.8	.7	.7	.7	3.6	3.0	3.1	8.2	7.1	7.0
54	New Orleans	521.8	512.9	512.2	20.3	21.7	22.0	31.4	30.1	30.2	54.2	48.7	48.6
55	Shreveport	153.1	150.3	148.9	7.7	6.5	5.9	8.7	7.9	8.3	27.5	27.1	26.6
56	**MAINE**	430.1	409.6	421.0	(1)	(1)	(1)	19.5	16.3	17.8	115.6	105.9	108.8
57	Lewiston—Auburn	34.9	33.7	34.1	(1)	(1)	(1)	1.3	1.2	1.3	11.9	10.8	10.9
58	Portland	94.3	95.0	97.1	(1)	(1)	(1)	4.5	4.1	4.2	17.9	17.4	17.6
59	**MARYLAND**	1,735.4	1,690.4	1,699.2	(1)	(1)	(1)	99.5	82.1	83.6	235.5	215.0	215.5
60	Baltimore SMSA	971.7	949.1	951.2	(1)	(1)	(1)	47.4	37.4	38.0	158.1	142.1	141.3
61	Baltimore City [3]	455.0	439.3	440.7	(1)	(1)	(1)	17.2	14.2	14.5	65.2	59.6	58.6

See footnotes at end of table

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
JUNE 1981	MAY 1982	JUNE 1982P	JUNE 1981	MAY 1982	JUNE 1982P	JUNE 1981	MAY 1982	JUNE 1982P	JUNE 1981	MAY 1982	JUNE 1982P	JUNE 1981	MAY 1982	JUNE 1982P	
144.6	141.7	143.0	501.3	498.1	496.5	113.6	115.6	116.1	360.1	365.3	366.5	429.5	439.3	430.7	1
2.4	2.2	2.3	9.2	9.6	9.4	2.0	2.0	2.1	6.5	6.3	6.3	10.7	10.7	10.7	2
89.7	89.2	89.9	269.0	273.8	273.0	67.6	68.2	68.5	209.1	216.4	217.9	164.5	163.6	157.9	3
4.3	4.5	4.5	22.2	23.0	23.2	4.4	4.6	4.6	18.0	18.3	18.3	31.2	32.5	31.7	4
3.3	3.2	3.3	15.7	15.6	15.6	5.4	5.5	5.5	11.7	11.4	11.6	20.0	18.8	18.7	5
4.5	4.5	4.5	20.3	20.1	20.3	6.1	6.2	6.2	17.2	17.1	16.9	29.1	29.8	29.4	6
8.7	8.3	8.5	21.6	21.9	21.9	4.1	4.1	4.1	15.7	16.6	16.4	16.0	17.5	17.6	7
31.6	30.4	30.6	106.3	104.5	105.3	32.4	32.2	32.1	100.6	101.5	101.7	88.2	92.0	90.1	8
26.4	25.4	25.6	87.8	86.6	87.0	27.8	27.7	27.7	81.2	80.2	80.5	74.9	78.4	76.5	9
19.9	19.4	19.8	79.6	78.7	78.8	23.2	23.1	23.3	60.3	58.7	58.4	71.0	70.7	69.5	10
5.2	4.8	4.9	19.5	19.1	19.1	8.2	7.6	7.6	14.5	14.2	14.2	16.1	16.2	15.7	11
286.9	273.8	273.2	1,098.5	1,075.3	1,080.5	321.1	316.9	320.5	969.4	971.7	977.8	768.3	772.4	762.6	12
3.1	3.1	3.1	12.1	11.9	11.8	7.7	7.8	7.9	8.4	8.5	8.5	9.1	9.0	8.3	13
2.7	2.5	2.6	19.2	19.1	19.0	2.5	2.5	2.4	11.8	11.9	12.0	27.3	32.6	28.7	14
(*)	206.2	206.0	(*)	801.8	806.7	(*)	250.9	253.5	(*)	746.3	750.0	(*)	488.4	488.6	15
198.5	192.4	192.1	768.5	751.0	755.6	247.1	241.9	244.5	699.2	708.2	712.4	451.1	456.7	457.6	16
7.1	6.7	6.9	41.0	39.7	39.7	7.2	7.1	7.2	24.4	25.0	24.8	26.7	26.3	26.6	17
5.4	5.1	5.1	11.4	11.5	11.4	2.7	2.7	2.7	8.7	8.6	8.6	5.6	5.4	5.1	18
1.5	1.4	1.4	6.8	6.8	6.9	1.1	1.1	1.1	6.4	6.5	6.5	7.2	7.3	7.7	19
7.9	7.9	7.8	34.8	34.1	34.1	7.1	7.0	7.0	26.2	25.9	26.2	17.4	17.7	17.7	20
4.5	4.4	4.4	24.5	23.8	23.8	4.2	4.3	4.2	18.5	18.5	18.9	12.4	12.2	12.2	21
4.7	4.7	4.6	18.7	18.5	18.7	6.8	6.7	6.7	17.7	18.0	18.2	28.2	28.7	28.7	22
105.1	99.4	99.8	472.1	463.2	463.8	102.4	99.6	100.6	344.4	348.8	348.4	340.7	345.8	332.9	23
1.3	1.2	1.2	9.4	9.0	9.0	1.6	1.6	1.6	7.2	7.4	7.2	5.5	5.5	5.4	24
2.1	2.0	2.1	13.2	12.8	12.9	2.1	2.1	2.1	9.1	8.9	8.9	5.1	5.0	4.9	25
7.2	7.1	7.2	30.8	31.5	31.6	4.7	4.6	4.7	25.4	25.7	25.6	13.4	12.7	13.2	26
11.0	10.3	10.4	41.8	41.1	40.8	10.7	10.5	10.6	29.2	28.7	28.8	17.4	17.6	16.5	27
14.9	13.8	13.9	51.7	50.8	51.1	9.2	9.0	9.0	36.8	38.2	37.7	31.3	31.7	31.0	28
31.3	29.8	30.0	132.7	131.0	131.0	39.2	38.2	38.6	98.0	100.5	99.4	87.7	87.2	85.5	29
1.5	1.4	1.4	10.8	11.1	11.0	2.6	2.5	2.5	9.4	9.5	9.5	15.3	18.4	15.3	30
2.1	2.0	2.0	12.3	12.3	12.1	1.5	1.4	1.4	8.4	8.3	8.4	8.8	11.4	9.2	31
4.6	4.4	4.4	25.6	24.8	24.8	5.3	5.1	5.2	22.9	23.8	23.9	13.5	12.7	12.3	32
3.4	3.2	3.2	15.2	13.7	13.6	2.1	1.9	1.9	9.2	9.3	8.9	10.6	11.8	10.4	33
54.8	51.2	51.5	274.9	268.3	267.4	59.7	59.4	60.0	207.0	210.8	208.5	214.0	215.5	212.9	34
3.8	3.7	3.7	19.1	18.0	18.0	4.4	4.2	4.2	15.9	15.9	15.9	9.6	9.3	9.6	35
11.1	11.0	11.1	45.6	44.5	44.5	22.1	22.7	22.9	40.2	39.8	39.6	28.5	27.5	27.6	36
1.7	1.6	1.6	9.1	8.7	8.8	1.3	1.3	1.3	10.3	10.9	10.9	3.6	3.6	3.8	37
3.9	3.8	3.8	12.9	12.9	12.8	2.9	2.7	2.7	12.2	12.6	12.6	6.0	6.3	6.1	38
2.4	2.3	2.3	13.7	13.3	13.3	2.1	2.0	2.0	11.1	11.0	11.0	10.5	10.9	10.0	39
64.0	61.7	62.8	229.4	227.1	226.5	48.5	47.8	48.3	175.6	179.4	180.7	185.8	192.5	189.0	40
1.5	1.4	1.4	5.4	5.6	5.4	.8	.8	.9	3.9	4.1	4.0	9.4	11.3	9.7	41
8.3	7.9	8.1	18.7	18.2	18.4	6.1	5.9	5.9	17.7	17.6	17.7	22.2	21.7	21.9	42
10.3	10.4	10.5	47.8	45.9	45.5	9.8	9.6	9.8	40.3	40.6	40.8	23.4	23.5	23.9	43
67.3	65.3	66.7	258.1	250.1	252.9	52.5	51.7	51.5	217.5	216.9	217.2	223.6	233.8	223.8	44
7.6	7.4	7.5	31.4	32.4	32.7	7.1	7.2	6.7	28.9	30.4	29.9	31.7	33.3	32.2	45
23.4	22.9	22.7	87.3	88.0	87.4	24.4	23.9	24.0	77.0	79.1	79.0	58.0	54.8	55.3	46
2.3	2.3	2.3	7.1	6.2	6.2	1.3	1.3	1.3	6.2	5.5	5.5	4.9	4.7	4.6	47
133.2	130.7	131.9	371.4	370.3	369.7	75.0	76.1	76.4	289.0	295.7	296.4	303.2	314.5	311.3	48
2.4	2.4	2.4	11.6	11.8	11.9	3.0	3.0	3.0	11.0	11.5	11.2	15.8	16.0	15.3	49
10.7	11.0	10.9	45.9	47.7	47.6	12.2	12.5	12.5	35.7	37.1	37.3	46.2	50.1	48.4	50
6.8	7.5	7.6	23.3	25.1	25.2	3.1	3.4	3.5	17.5	18.3	18.8	9.7	10.6	10.5	51
4.2	4.7	4.9	15.1	15.5	15.6	2.9	3.0	3.0	10.8	11.2	11.2	11.7	11.3	11.2	52
2.7	2.5	2.5	13.3	12.6	12.5	3.9	3.9	3.9	9.0	8.9	8.9	10.1	10.7	10.2	53
56.3	55.2	55.1	130.7	129.4	129.0	31.4	31.1	31.1	116.3	115.2	112.9	81.2	81.5	83.3	54
9.6	9.0	9.1	36.2	35.1	34.3	7.6	7.1	7.1	30.0	31.2	31.2	25.8	26.4	26.4	55
19.3	18.5	19.2	93.7	88.5	92.2	17.3	17.7	18.2	82.8	79.1	82.6	81.9	83.6	82.2	56
1.2	1.2	1.2	8.2	8.2	8.3	1.7	1.7	1.8	7.5	7.7	7.7	3.1	2.9	2.9	57
5.9	5.8	6.1	25.5	25.6	26.6	7.6	8.1	8.3	20.8	21.4	22.4	12.1	12.6	11.9	58
85.7	84.4	85.6	410.5	412.2	414.1	94.6	94.3	95.8	383.7	384.6	388.1	425.9	417.8	416.5	59
57.6	55.5	56.7	225.0	230.5	230.3	58.1	58.2	59.4	201.6	205.6	204.6	223.9	219.8	220.9	60
39.4	38.2	39.7	98.4	97.5	97.6	38.8	38.9	39.6	106.4	108.2	107.7	89.6	82.7	83.0	61

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

	State and areas	Total			Mining			Construction			Manufacturing		
		JUNE 1981	MAY 1982	JUNE 1982P	JUNE 1981	MAY 1982	JUNE 1982P	JUNE 1981	MAY 1982	JUNE 1982P	JUNE 1981	MAY 1982	JUNE 1982P
1	**MASSACHUSETTS**	2,686.0	2,641.3	2,642.6	(1)	(1)	(1)	82.7	81.4	85.0	678.0	640.0	640.2
2	Boston	1,493.1	1,488.2	1,480.8	(1)	(1)	(1)	44.9	43.5	45.2	298.0	289.0	288.5
3	Brockton	58.6	57.4	57.3	(1)	(1)	(1)	1.6	1.5	1.5	13.0	12.4	12.3
4	Fall River	54.6	53.1	53.1	(1)	(1)	(1)	1.4	1.2	1.2	20.5	19.4	19.4
5	Lawrence—Haverhill	117.7	113.8	113.7	(1)	(1)	(1)	3.1	2.8	2.9	47.4	43.5	43.5
6	Lowell	79.5	80.1	80.0	(1)	(1)	(1)	2.9	2.9	3.0	29.5	29.7	29.9
7	New Bedford	65.7	63.0	63.2	(1)	(1)	(1)	1.7	1.5	1.6	26.6	24.7	25.0
8	Springfield—Chicopee—Holyoke	235.1	234.0	228.6	(1)	(1)	(1)	6.5	6.1	6.2	65.0	59.8	60.0
9	Worcester	166.5	164.4	163.3	(1)	(1)	(1)	5.3	5.0	5.1	48.4	44.2	44.0
10	**MICHIGAN**	3,416.5	3,245.0	3,243.8	12.9	9.7	9.1	108.7	86.3	79.1	1,003.1	895.1	899.3
11	Ann Arbor	134.3	130.2	130.1	(1)	(1)	(1)	2.3	1.8	1.7	39.0	35.0	36.4
12	Battle Creek	62.9	60.7	60.5	(1)	(1)	(1)	1.5	1.6	1.6	20.5	17.8	18.4
13	Bay City	34.6	34.2	34.1	(1)	(1)	(1)	1.1	.9	.8	9.2	8.3	8.4
14	Benton Harbor	60.6	57.8	57.8	(1)	(1)	(1)	2.0	1.6	1.7	21.5	19.7	19.6
15	Detroit	1,652.7	1,561.0	1,554.3	1.1	1.0	1.0	48.3	38.9	32.1	478.6	429.5	424.9
16	Flint	191.3	177.4	180.3	(1)	(1)	(1)	5.5	4.1	4.2	74.1	63.4	64.6
17	Grand Rapids	271.2	267.8	267.0	(1)	(1)	(1)	11.7	10.2	10.8	91.0	87.0	87.6
18	Jackson	51.1	48.2	48.7	(1)	(1)	(1)	1.4	1.0	1.0	14.5	12.9	13.2
19	Kalamazoo—Portage	109.6	107.2	106.7	(1)	(1)	(1)	4.8	3.9	4.0	33.0	31.2	31.2
20	Lansing—East Lansing	195.9	185.9	189.0	(1)	(1)	(1)	5.9	3.7	3.9	42.4	35.4	37.5
21	Muskegon—Norton Shores—Muskegon Hts	59.9	58.5	58.3	(1)	(1)	(1)	2.2	1.9	2.0	20.0	19.2	19.3
22	Saginaw	84.5	79.2	81.5	(1)	(1)	(1)	2.4	2.2	2.2	30.3	23.6	26.4
23	**MINNESOTA**	1,787.0	1,739.7	1,742.3	16.9	13.1	10.1	69.4	63.9	69.6	367.4	348.0	349.9
24	Duluth—Superior	58.9	55.3	55.2	(1)	(1)	(1)	2.0	1.5	1.7	7.3	6.1	5.4
25	Minneapolis—St. Paul	1,102.0	1,080.1	1,077.0	(1)	(1)	(1)	39.0	34.9	37.0	243.7	233.9	234.8
26	Rochester	51.5	50.6	50.8	(2)	(2)	(2)	1.8	2.1	2.5	10.7	9.9	9.7
27	St. Cloud	55.5	54.5	54.0	(1)	(1)	(1)	3.4	3.0	3.3	12.4	11.6	11.6
28	**MISSISSIPPI**	821.8	805.0	793.5	13.0	12.8	12.9	43.7	39.7	39.2	225.3	210.2	210.4
29	Jackson	147.4	145.9	144.6	2.2	2.1	2.1	6.8	5.4	5.6	18.9	17.6	17.5
30	**MISSOURI**	1,991.2	1,971.9	1,977.3	6.2	7.3	7.3	93.1	90.5	94.2	430.2	414.6	413.9
31	Kansas City	633.7	603.1	602.1	.6	.4	.4	24.5	20.4	20.8	118.9	112.2	109.7
32	St. Joseph	36.2	35.0	34.9	(2)	(2)	(2)	2.0	1.5	1.5	8.7	8.4	8.3
33	St. Louis	1,001.4	982.2	982.2	3.5	3.4	3.2	46.0	45.3	44.9	233.0	220.8	221.3
34	Springfield	86.7	86.0	85.9	(2)	(2)	(2)	3.3	3.5	3.6	18.3	17.6	17.9
35	**MONTANA**	288.3	288.1	288.8	11.9	10.5	10.4	14.1	13.3	14.9	23.8	21.8	21.5
36	Billings	48.4	48.7	48.9	(1)	(1)	(1)	2.2	2.4	2.5	4.0	4.0	4.0
37	Great Falls	29.5	30.7	31.1	(1)	(1)	(1)	1.4	1.7	2.0	1.4	1.3	1.3
38	**NEBRASKA**	633.4	617.1	618.2	1.8	1.5	1.5	27.7	23.5	24.5	96.1	86.7	84.8
39	Lincoln	100.2	98.0	98.0	(2)	(2)	(2)	3.4	2.9	2.9	13.2	12.2	12.1
40	Omaha	266.0	259.9	261.9	(2)	(2)	(2)	10.3	8.7	9.1	36.2	33.6	33.3
41	**NEVADA**	417.7	416.0	417.6	8.1	7.5	7.4	26.5	22.9	23.3	20.8	20.2	20.3
42	Las Vegas	229.4	230.5	230.3	.6	.6	.6	15.2	13.6	13.7	7.6	7.3	7.3
43	Reno	117.1	116.3	116.8	.9	.8	.8	6.6	5.7	5.7	8.6	8.2	8.2
44	**NEW HAMPSHIRE**	401.4	393.0	400.5	(2)	(2)	(2)	21.0	23.4	24.2	117.5	112.4	113.3
45	Manchester	75.6	75.6	76.3	(2)	(2)	(2)	3.3	3.0	3.1	17.2	17.1	17.3
46	Nashua	68.1	68.0	68.8	(2)	(2)	(2)	2.7	2.7	2.8	31.4	30.3	30.6
47	**NEW JERSEY**	3,136.6	3,069.9	3,110.1	2.3	2.4	2.4	111.7	114.2	116.5	784.6	730.6	731.2
48	Atlantic City	103.5	102.5	106.3	–	–	–	5.7	5.7	5.8	8.4	7.1	7.3
49	Camden [3]	348.7	342.0	344.4	.1	.1	.1	13.6	13.2	13.8	71.7	67.3	67.1
50	Hackensack [3]	404.4	392.8	394.7	(1)	(1)	(1)	15.4	14.9	15.1	110.7	105.0	104.9
51	Jersey City [3]	226.0	220.7	222.2	–	–	–	5.0	5.9	5.9	68.7	64.3	64.3
52	Long Branch—Asbury Park	173.5	171.3	175.0	(1)	(1)	(1)	7.1	6.7	6.7	25.8	24.4	24.4
53	New Bruns.—Perth Amboy—Sayreville [3]	293.7	286.6	287.6	(1)	(1)	(1)	10.9	11.1	11.3	92.5	85.3	84.8
54	Newark [3]	953.3	937.2	945.1	.9	.8	.9	32.8	32.2	32.3	248.5	232.9	234.0
55	Paterson—Clifton—Passaic [3]	191.9	186.3	187.9	(1)	(1)	(1)	6.8	6.1	6.4	67.8	64.9	65.2
56	Trenton	165.3	158.7	159.6	(1)	(1)	(1)	3.3	3.6	3.9	34.7	29.7	29.8
57	Vineland—Millville—Bridgeton	54.4	50.9	50.7	(1)	(1)	(1)	1.9	1.7	1.8	17.9	15.5	15.2
58	**NEW MEXICO**	478.9	475.6	474.1	32.1	28.6	27.7	34.1	32.1	32.1	34.5	32.9	33.0
59	Albuquerque	185.7	189.8	189.6	(1)	(1)	(1)	12.6	11.7	11.8	18.1	16.8	17.0
60	Las Cruces	29.4	31.0	30.2	–	–	–	1.8	1.7	1.8	2.6	2.7	2.8

See footnotes at end of table.

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
JUNE 1981	MAY 1982	JUNE 1982P	JUNE 1981	MAY 1982	JUNE 1982P	JUNE 1981	MAY 1982	JUNE 1982P	JUNE 1981	MAY 1982	JUNE 1982P	JUNE 1981	MAY 1982	JUNE 1982P	
121.9	118.9	119.8	582.3	579.8	588.5	166.3	167.5	170.5	661.1	682.2	689.7	393.7	371.5	368.9	1
72.7	69.7	70.7	325.0	325.0	327.3	113.2	116.4	117.6	435.1	458.3	466.4	204.2	186.3	185.1	2
3.6	3.6	3.6	15.4	15.2	15.4	2.2	2.2	2.3	10.3	10.9	10.8	12.5	11.6	11.4	3
1.8	1.8	1.9	11.6	11.7	11.6	2.9	2.9	2.9	9.3	9.3	9.4	7.1	6.8	6.7	4
4.9	5.0	5.0	22.5	22.6	22.9	4.4	4.4	4.5	18.6	19.3	19.2	16.8	16.2	15.7	5
3.4	3.4	3.5	16.4	16.7	16.7	2.2	2.2	2.2	12.9	13.6	13.6	12.2	11.6	11.1	6
2.3	2.3	2.3	12.7	12.8	12.8	2.1	2.0	2.0	10.5	10.9	10.9	9.8	8.8	8.6	7
9.5	9.2	9.3	48.1	49.0	48.8	13.8	13.5	13.7	47.5	50.8	49.0	44.7	45.6	41.8	8
7.5	7.6	7.8	36.5	36.5	36.5	10.3	10.4	10.7	34.5	36.8	35.8	24.0	23.9	23.4	9
145.6	138.6	140.6	724.0	681.7	685.5	155.0	151.7	153.6	659.7	662.6	666.7	607.5	619.4	605.9	10
3.3	3.3	3.4	19.7	19.1	19.1	4.1	3.8	3.8	24.1	24.8	24.9	41.7	42.5	40.8	11
2.3	2.2	2.2	10.6	10.5	10.5	4.3	4.2	4.2	11.7	12.1	12.1	12.3	12.3	11.4	12
1.7	1.7	1.7	8.7	8.9	9.0	1.4	1.3	1.3	6.9	7.5	7.6	5.6	5.4	5.2	13
2.1	2.0	2.1	11.9	11.4	11.5	2.0	1.9	1.9	12.6	12.4	12.5	8.6	8.8	8.5	14
77.4	73.3	74.0	361.7	346.1	348.4	88.8	88.0	89.2	351.1	345.7	348.6	245.6	238.5	236.0	15
6.0	6.3	6.4	40.4	38.3	38.6	6.4	6.3	6.4	30.2	29.3	29.6	28.7	29.6	30.6	16
11.1	11.0	11.0	64.6	65.5	65.3	11.0	10.9	10.9	50.3	51.8	50.5	31.3	31.5	30.9	17
5.1	4.6	5.1	10.4	9.7	10.0	1.6	1.6	1.6	9.6	9.8	9.7	8.5	8.6	8.0	18
4.2	4.3	4.3	22.6	22.0	22.1	4.1	4.0	4.0	22.4	22.3	22.3	18.6	19.5	18.8	19
5.6	5.6	5.6	35.8	33.8	35.6	9.4	9.2	9.2	30.5	31.2	31.5	66.3	67.0	65.7	20
3.1	3.2	3.1	11.9	11.7	11.9	1.4	1.4	1.4	10.7	10.4	10.5	10.5	10.7	10.2	21
4.8	4.8	4.8	17.6	18.4	18.4	4.1	3.9	3.9	14.0	15.2	15.5	11.2	11.1	10.3	22
99.7	95.1	91.9	447.2	433.3	436.5	98.3	97.9	98.2	382.8	390.3	391.3	305.2	300.0	294.3	23
6.3	5.6	5.8	14.7	14.6	14.5	2.3	2.2	2.2	14.2	13.3	13.2	12.0	12.0	12.0	24
63.6	60.9	57.7	273.2	266.4	267.4	73.2	73.0	73.1	245.8	251.5	249.7	163.6	159.7	157.4	25
2.0	1.9	1.9	9.9	10.0	10.0	1.5	1.5	1.5	19.6	20.1	20.0	6.0	5.1	5.2	26
3.4	3.1	3.3	13.6	13.2	13.1	2.0	1.9	1.9	10.3	10.3	10.3	10.5	11.4	10.5	27
40.6	40.4	40.4	164.6	162.6	162.8	33.2	33.0	33.1	119.5	121.6	118.6	182.0	184.7	176.1	28
10.1	10.1	10.1	34.9	34.6	34.7	11.3	11.0	11.1	29.4	30.3	29.5	33.9	34.8	34.0	29
138.7	134.3	133.7	471.9	467.2	467.2	110.4	108.9	110.1	411.1	415.4	420.9	329.5	333.7	330.0	30
53.5	49.3	49.3	161.5	153.2	153.3	44.9	44.1	44.4	135.4	132.3	133.7	96.4	91.2	90.5	31
2.2	2.2	2.2	8.7	8.5	8.4	1.9	2.0	2.0	6.8	6.4	6.5	5.9	6.0	6.0	32
73.2	69.6	69.4	228.7	225.5	226.4	58.3	57.2	57.5	223.7	225.3	227.3	135.0	135.1	132.2	33
7.2	7.2	7.1	24.2	23.4	23.3	3.6	3.5	3.5	18.7	18.9	19.0	11.4	11.9	11.5	34
23.2	23.0	23.2	75.0	76.0	76.6	13.3	12.8	12.7	57.4	58.1	57.5	69.7	72.7	71.8	35
4.5	4.4	4.5	16.0	16.5	16.5	2.5	2.5	2.5	11.5	11.4	11.4	7.7	7.5	7.6	36
1.9	2.1	2.1	9.6	10.2	10.4	2.1	2.1	2.1	7.2	7.4	7.4	6.0	5.7	5.7	37
47.8	43.5	44.3	163.9	162.3	161.3	41.7	41.4	41.6	121.4	124.2	124.5	133.0	134.0	135.7	38
7.5	6.9	7.1	22.4	22.3	22.1	7.0	7.0	7.0	17.0	17.5	17.2	29.8	29.2	29.6	39
24.7	23.0	23.2	68.0	66.0	66.0	24.1	23.9	24.1	62.4	61.4	61.8	42.3	43.3	44.4	40
25.3	25.3	25.5	85.2	85.8	86.5	18.6	18.1	18.1	176.0	177.4	178.8	57.2	58.8	57.7	41
13.9	14.0	14.0	48.6	48.6	48.8	10.6	10.4	10.4	106.3	108.4	108.3	26.6	27.6	27.2	42
8.2	8.1	8.2	25.7	26.2	26.3	6.3	5.9	5.9	45.0	44.8	45.6	15.8	16.6	16.1	43
14.7	14.4	14.6	91.5	88.9	91.6	20.9	20.7	20.9	77.9	76.5	79.1	57.9	56.7	56.8	44
4.8	4.7	4.8	20.0	20.1	20.3	6.3	6.4	6.4	15.4	16.0	16.0	8.6	8.3	8.4	45
2.2	2.2	2.2	13.7	14.2	14.6	2.0	2.1	2.1	10.3	10.9	10.9	5.8	5.6	5.6	46
193.7	187.2	192.3	783.3	692.9	705.4	163.0	162.8	165.3	650.5	652.1	666.5	527.5	527.7	530.5	47
4.1	3.9	3.9	21.0	18.8	20.4	5.1	4.8	4.8	43.0	45.9	47.8	16.2	16.3	16.3	48
15.5	14.5	15.3	89.6	88.7	89.0	17.6	16.8	16.9	72.4	74.0	74.4	68.1	67.4	67.8	49
20.9	20.2	20.4	117.0	111.7	112.0	18.5	18.3	18.6	78.1	80.9	81.3	43.8	41.8	42.4	50
25.5	23.1	24.0	44.9	44.5	44.6	8.6	8.6	8.7	32.4	32.8	32.8	40.9	41.5	41.9	51
6.7	6.9	7.0	43.6	43.4	45.2	8.0	7.9	8.0	45.1	45.0	46.3	37.1	37.0	37.4	52
23.7	23.0	23.8	87.9	86.8	88.4	11.7	11.7	11.8	43.0	45.0	45.2	44.1	43.7	44.3	53
73.8	73.2	75.3	182.8	180.9	181.6	65.8	66.0	66.6	203.1	205.6	208.4	145.7	145.6	146.0	54
6.6	5.8	6.2	40.7	35.2	35.4	9.1	9.0	8.9	35.1	35.1	35.4	25.8	26.2	26.4	55
5.3	4.8	5.3	24.9	24.2	23.9	8.4	8.6	8.7	42.5	42.0	41.8	46.2	45.8	46.2	56
3.1	2.9	3.0	9.2	8.7	8.7	2.5	2.6	2.5	8.8	8.7	8.8	11.1	10.8	10.7	57
28.6	29.1	28.4	107.2	109.3	110.4	21.9	22.1	22.3	96.8	93.4	97.9	123.7	126.1	122.3	58
11.6	11.6	11.3	47.8	48.9	49.3	11.1	11.0	11.0	46.0	47.2	47.7	42.5	42.6	41.5	59
1.0	1.2	1.1	5.5	5.8	5.7	1.3	1.2	1.2	4.0	4.0	3.9	13.2	14.4	13.7	60

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

	State and areas	Total			Mining			Construction			Manufacturing		
		JUNE 1981	MAY 1982	JUNE 1982P	JUNE 1981	MAY 1982	JUNE 1982P	JUNE 1981	MAY 1982	JUNE 1982P	JUNE 1981	MAY 1982	JUNE 1982P
1	**NEW YORK**	7,363.2	7,305.2	7,346.7	6.6	6.2	6.3	225.0	213.4	219.6	1,455.8	1,384.8	1,396.2
2	Albany—Schenectady—Troy	341.1	337.9	339.0	(1)	(1)	(1)	10.3	9.2	9.7	56.3	52.3	52.7
3	Binghamton	118.7	118.5	119.6	(1)	(1)	(1)	3.9	3.7	3.9	43.7	42.7	43.2
4	Buffalo	502.7	479.9	482.1	(1)	(1)	(1)	16.8	14.7	15.4	132.3	116.5	117.6
5	Elmira	36.9	34.8	34.8	(1)	(1)	(1)	1.1	1.0	1.0	11.2	9.2	9.0
6	Monroe County [2]	345.6	346.8	347.3	(1)	(1)	(1)	10.4	9.8	9.7	140.1	139.6	141.9
7	Nassau—Suffolk [2]	943.1	932.1	946.4	(1)	(1)	(1)	37.6	34.9	35.8	169.4	166.1	167.4
8	New York—Northeastern New Jersey	6,780.1	6,785.2	(3)	2.9	2.2	(3)	203.5	208.4	(3)	1,333.2	1,278.0	(3)
9	New York and Nassau—Suffolk [2]	4,777.7	4,763.4	4,792.9	1.9	1.9	1.8	141.7	138.5	141.1	755.7	727.0	731.5
10	New York SMSA [2]	3,834.5	3,831.3	3,846.5	1.7	1.7	1.6	104.1	103.6	105.3	586.3	560.9	564.1
11	New York City [2]	3,375.3	3,376.8	3,388.3	1.5	1.4	1.3	86.2	83.4	84.8	493.9	471.2	474.1
12	Poughkeepsie	100.1	102.7	102.7	(1)	(1)	(1)	2.9	2.8	2.8	32.9	33.3	34.4
13	Rochester	422.5	423.3	423.9	(1)	(1)	(1)	12.3	11.8	11.7	159.2	158.4	160.8
14	Rockland County [2]	82.9	82.7	83.3	(1)	(1)	(1)	2.9	3.0	3.1	15.6	15.3	15.5
15	Syracuse	260.0	255.4	256.4	(1)	(1)	(1)	10.1	9.3	9.8	60.3	56.9	56.9
16	Utica—Rome	115.0	114.1	114.6	(1)	(1)	(1)	2.9	2.8	2.9	29.7	28.3	28.2
17	Westchester County [2]	363.9	359.3	362.0	(1)	(1)	(1)	16.3	16.4	16.6	75.5	73.0	73.2
18	**NORTH CAROLINA**	2,412.6	2,348.4	2,350.6	5.0	4.9	4.9	118.5	106.8	106.7	825.8	775.9	776.2
19	Asheville	73.9	71.0	73.1	(1)	(1)	(1)	3.1	2.9	2.9	22.0	20.8	21.1
20	Charlotte—Gastonia	343.2	332.9	334.5	(1)	(1)	(1)	18.8	17.7	17.6	95.3	91.3	92.2
21	Greensboro—Winston-Salem—High Pt	393.5	386.9	382.7	(1)	(1)	(1)	17.4	16.4	16.0	151.2	143.9	140.6
22	Raleigh—Durham	277.6	275.2	274.8	(1)	(1)	(1)	13.9	12.8	12.9	46.0	44.8	45.2
23	**NORTH DAKOTA**	251.6	252.8	255.1	11.4	10.2	10.3	15.9	16.5	18.3	15.6	14.4	15.2
24	Fargo—Moorhead	61.1	62.5	61.9	(2)	(2)	(2)	3.4	3.0	3.3	4.7	4.3	4.7
25	**OHIO**	4,384.6	4,244.4	4,257.2	31.6	32.9	33.4	161.6	145.6	149.6	1,256.2	1,129.5	1,135.2
26	Akron	259.4	257.3	254.8	(3)	(3)	(3)	8.2	7.2	7.5	77.3	71.4	71.3
27	Canton	158.9	154.6	155.3	(3)	(3)	(3)	5.2	5.2	5.3	55.9	51.0	51.7
28	Cincinnati	600.5	589.4	592.2	(3)	(3)	(3)	23.0	21.3	21.9	160.1	151.0	151.8
29	Cleveland	893.2	866.1	870.0	(3)	(3)	(3)	28.7	25.8	27.5	251.3	232.6	232.8
30	Columbus	512.7	506.3	508.4	(3)	(3)	(3)	18.8	17.1	16.4	94.4	87.8	88.3
31	Dayton	355.2	346.6	348.2	(3)	(3)	(3)	12.0	10.7	11.2	98.4	90.2	90.7
32	Toledo	258.1	288.6	288.2	(3)	(3)	(3)	12.0	10.9	10.6	76.1	69.0	69.1
33	Youngstown—Warren	204.4	190.4	191.7	(3)	(3)	(3)	6.7	5.8	6.2	69.9	57.8	58.0
34	**OKLAHOMA**	1,195.9	1,222.1	1,213.4	95.6	100.9	100.1	55.2	55.3	57.8	202.0	189.0	185.6
35	Enid	27.2	26.6	26.4	3.0	3.0	2.9	1.6	1.3	1.3	3.1	2.6	2.6
36	Lawton	29.2	30.9	30.4	(1)	(1)	(1)	1.4	1.3	1.4	3.1	3.0	3.0
37	Oklahoma City	425.3	440.7	441.4	26.8	30.2	29.9	21.8	22.1	23.0	57.1	53.9	52.6
38	Tulsa	322.9	327.3	326.4	27.0	28.6	28.7	16.3	16.6	16.9	68.2	64.7	63.5
39	**OREGON**	1,039.6	974.9	982.9	2.2	2.3	2.3	38.9	31.0	32.6	206.2	185.8	187.2
40	Eugene—Springfield	102.4	96.4	97.0	(1)	(1)	(1)	3.7	2.9	3.0	19.3	16.6	16.8
41	Jackson County	–	–	–	–	–	–	–	–	–	7.8	6.5	
42	Portland	552.9	525.0	526.3	(1)	(1)	(1)	21.9	19.0	19.0	108.3	101.5	101.4
43	Salem	87.5	83.6	84.2	(1)	(1)	(1)	3.3	2.6	2.7	13.4	10.8	11.4
44	**PENNSYLVANIA**	4,802.3	4,601.2	4,593.5	48.5	45.5	45.1	194.6	170.1	169.9	1,320.7	1,188.9	1,189.9
45	Allentown—Bethlehem—Easton	268.8	256.5	257.7	(1)	(1)	(1)	8.8	7.6	8.0	105.7	97.1	96.7
46	Altoona	51.1	49.1	49.7	(1)	(1)	(1)	2.1	2.0	2.0	13.1	12.2	12.2
47	Delaware Valley [4]	1,600.0	1,556.5	1,552.5	(1)	(1)	(1)	65.2	56.9	58.0	363.2	337.7	337.4
48	Erie	112.9	106.5	106.2	(1)	(1)	(1)	3.3	2.7	3.0	41.4	39.2	39.0
49	Harrisburg	227.6	227.4	227.4	(1)	(1)	(1)	8.4	7.3	7.3	42.4	40.4	40.9
50	Johnstown	84.5	78.8	79.0	8.0	7.2	7.1	3.1	2.1	2.1	17.3	15.1	14.9
51	Lancaster	156.3	151.8	153.2	(1)	(1)	(1)	6.7	6.1	6.3	59.8	55.7	56.9
52	Northeast Pennsylvania	243.8	233.6	234.2	1.2	1.0	1.0	11.4	9.7	9.5	70.0	64.7	64.7
53	Philadelphia SMSA	1,943.2	1,898.1	1,896.9	(1)	(1)	(1)	78.9	70.1	71.7	434.9	404.9	404.5
54	Philadelphia City [5]	780.7	759.5	754.5	(1)	(1)	(1)	21.1	18.9	18.8	131.3	121.3	121.7
55	Pittsburgh	962.5	892.9	889.0	9.8	9.6	9.4	46.8	41.9	37.7	240.9	197.4	196.7
56	Reading	135.8	136.8	137.1	(1)	(1)	(1)	5.2	4.4	4.3	52.6	51.1	51.8
57	Williamsport	47.4	44.9	45.9	(1)	(1)	(1)	1.4	1.2	1.3	16.5	15.1	16.0
58	York	157.3	152.4	151.9	(1)	(1)	(1)	6.9	6.8	6.7	65.0	60.7	60.8
59	**RHODE ISLAND**	406.0	391.0	394.4	(1)	(1)	(1)	12.6	11.5	12.1	128.8	116.2	117.7
60	Providence—Warwick—Pawtucket	411.2	394.8	397.9	(1)	(1)	(1)	12.8	11.6	12.0	142.0	127.5	130.1
61	**SOUTH CAROLINA**	1,210.2	1,180.9	1,178.3	(1)	(1)	(1)	73.4	65.9	66.1	392.5	360.4	359.0
62	Charleston—North Charleston	155.4	155.9	158.0	(1)	(1)	(1)	10.6	10.2	10.1	21.5	19.5	19.6
63	Columbia	176.5	179.4	175.7	(1)	(1)	(1)	8.6	8.5	8.5	27.4	25.1	25.6
64	Greenville—Spartanburg	269.7	262.9	262.6	(1)	(1)	(1)	16.8	15.6	15.7	103.6	96.7	96.2

See footnotes at end of table.

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
JUNE 1981	MAY 1982	JUNE 1982P	JUNE 1981	MAY 1982	JUNE 1982P	JUNE 1981	MAY 1982	JUNE 1982P	JUNE 1981	MAY 1982	JUNE 1982P	JUNE 1981	MAY 1982	JUNE 1982P	
434.8	426.2	429.6	1,477.0	1,465.0	1,479.5	658.7	667.4	673.1	1,788.1	1,820.4	1,822.7	1,317.2	1,321.8	1,319.2	1
15.6	15.2	15.4	68.3	68.9	68.4	16.2	16.1	16.3	73.8	75.1	75.5	100.6	101.2	101.0	2
4.7	4.6	4.7	21.3	21.3	21.6	4.2	4.2	4.2	17.8	19.6	19.2	23.0	22.5	22.7	3
27.0	25.5	25.7	110.7	108.5	109.1	22.6	22.5	22.6	106.3	107.9	107.2	87.1	84.4	84.6	4
1.3	1.3	1.3	8.6	8.7	8.9	1.1	1.2	1.2	7.0	7.2	7.1	6.6	6.3	6.4	5
10.4	10.2	10.3	60.4	60.2	60.4	14.5	14.4	14.8	68.6	72.2	70.0	41.3	40.3	40.2	6
41.5	42.9	43.8	243.7	238.9	243.7	53.0	53.3	53.6	218.9	220.8	226.0	179.0	175.2	176.1	7
474.8	465.9	(*)	1,401.5	1,354.1	(*)	642.3	671.7	(*)	1,633.4	1,693.5	(*)	1,088.5	1,071.4	(*)	8
322.6	317.3	319.6	961.3	952.6	961.3	550.9	559.3	563.6	1,269.2	1,294.5	1,301.8	774.3	772.3	772.2	9
281.1	274.4	275.8	717.6	713.7	717.6	497.8	506.0	510.0	1,050.6	1,073.9	1,076.0	595.3	597.1	596.2	10
257.4	251.1	252.2	612.9	608.6	612.2	474.8	483.2	486.9	935.7	960.0	960.5	514.6	517.8	516.3	11
2.8	2.9	2.9	16.7	16.8	16.9	2.9	2.9	3.0	18.7	19.8	19.1	23.2	24.3	23.7	12
12.8	12.6	12.7	78.0	78.2	78.5	16.1	16.0	16.4	81.4	84.6	82.3	62.7	61.7	61.5	13
3.4	3.4	3.4	18.1	18.0	18.2	2.7	2.7	2.8	19.0	18.5	18.5	21.3	21.8	21.8	14
14.6	14.3	14.5	57.3	56.4	57.2	16.6	16.6	16.8	51.3	52.8	51.5	50.0	49.0	49.7	15
4.0	3.9	4.0	22.9	22.7	23.0	5.5	5.6	5.7	21.2	21.5	21.4	28.9	29.3	29.4	16
19.7	19.4	19.5	83.6	84.0	84.1	19.8	19.6	19.8	92.9	92.6	94.1	56.1	54.2	54.7	17
117.2	115.8	116.4	474.5	467.5	467.7	99.1	98.5	99.3	355.4	360.4	362.6	417.1	418.6	418.8	18
3.6	3.6	3.6	15.8	15.7	16.0	2.4	2.4	2.3	15.0	13.1	14.7	12.0	12.5	12.5	19
31.7	31.1	31.3	82.5	79.3	79.5	21.6	21.4	21.4	55.1	54.7	55.0	38.2	37.4	37.5	20
21.4	21.3	21.3	77.7	77.2	77.4	19.0	18.8	19.0	59.4	62.0	61.2	47.4	47.3	47.2	21
13.4	14.0	14.1	52.9	52.6	52.5	16.1	16.2	16.1	60.8	60.8	60.2	74.5	74.0	73.8	22
17.3	16.7	16.8	67.3	67.5	67.9	11.8	11.9	12.0	52.0	53.9	54.4	60.3	61.7	60.2	23
4.0	3.8	3.8	18.7	19.0	19.0	3.9	3.9	3.9	13.8	15.0	14.4	12.6	13.5	12.8	24
220.0	215.1	216.2	953.1	938.1	942.0	206.4	205.8	207.6	870.0	890.1	899.9	685.6	687.3	673.3	25
14.0	13.5	13.5	58.2	57.7	58.3	9.2	9.2	9.3	53.3	53.5	54.8	38.5	44.2	39.4	26
7.0	7.0	7.1	33.7	33.4	33.6	6.3	6.4	6.5	30.6	30.7	31.0	18.8	19.4	18.6	27
33.5	32.8	33.0	139.6	138.5	138.5	32.7	32.1	32.3	127.7	128.7	130.9	83.8	84.7	83.4	28
45.8	44.6	44.8	201.2	196.7	197.4	48.2	47.7	48.2	194.3	197.8	198.4	122.5	119.6	119.5	29
24.3	23.8	23.8	119.5	121.1	121.4	39.5	40.7	41.3	110.2	112.2	114.1	105.2	102.8	102.3	30
13.4	13.1	13.3	73.3	72.7	72.8	13.6	13.9	14.0	74.8	76.1	76.8	69.4	69.5	69.0	31
19.4	19.1	19.1	67.1	65.6	66.0	10.7	10.7	10.8	64.3	66.4	66.6	48.0	46.4	45.4	32
9.4	9.0	9.1	44.5	43.7	44.0	7.2	7.2	7.4	39.6	39.8	40.2	26.2	26.2	26.0	33
69.7	68.4	68.5	279.6	288.2	289.5	59.1	60.3	61.5	204.3	212.8	215.3	230.4	247.2	234.7	34
2.7	2.8	2.8	7.2	7.3	7.4	1.1	1.2	1.2	4.7	4.6	4.6	3.8	3.8	3.6	35
1.3	1.4	1.4	7.4	7.5	7.5	1.2	1.3	1.3	4.5	4.7	4.7	10.3	11.7	11.1	36
23.9	24.9	25.1	104.4	108.8	105.2	26.7	27.2	27.7	74.2	78.1	79.1	90.4	95.5	94.8	37
24.2	24.0	24.3	72.7	74.6	74.9	15.8	16.1	16.3	63.6	66.6	66.6	34.2	36.1	35.2	38
60.3	56.8	57.3	256.4	242.4	244.0	69.4	65.1	65.2	194.3	187.8	190.5	211.9	203.7	203.8	39
5.0	4.7	4.6	25.6	24.1	24.5	5.4	5.3	5.2	19.8	19.7	19.8	23.6	23.1	23.1	40
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41
36.5	35.8	35.9	142.9	136.7	137.3	45.9	44.4	44.6	112.6	107.5	107.8	84.8	80.1	80.1	42
2.8	2.8	2.8	19.1	18.3	18.5	5.6	5.7	5.7	15.2	15.9	15.6	28.1	27.5	27.5	43
241.7	244.2	244.8	994.3	976.4	975.7	243.6	242.6	244.5	1,012.3	1,026.1	1,028.1	726.6	707.4	695.5	44
14.2	13.7	13.8	52.9	51.3	51.5	9.8	9.6	9.7	47.0	47.5	47.8	30.4	29.7	30.2	45
6.7	5.9	6.0	10.7	10.6	10.7	1.6	1.6	1.6	9.1	8.8	8.9	7.8	8.0	8.3	46
82.9	78.6	78.2	332.7	325.5	325.0	112.3	113.2	114.3	404.8	413.3	408.9	238.9	231.3	230.7	47
5.0	4.6	4.6	22.0	21.6	21.7	4.9	4.8	4.9	22.6	22.3	22.3	13.7	11.3	10.7	48
17.2	16.3	16.4	45.8	45.5	45.5	12.8	13.0	13.1	42.2	43.4	44.0	58.8	61.5	60.2	49
4.9	4.7	4.6	15.9	15.2	15.2	4.0	4.0	4.1	15.7	15.9	16.2	15.6	14.6	14.8	50
6.4	6.1	6.3	34.5	34.4	34.6	5.8	6.0	6.1	27.7	28.5	28.4	15.4	15.0	14.6	51
13.1	12.5	12.6	50.8	48.7	48.4	10.1	10.2	10.5	48.1	49.0	50.3	39.1	37.8	37.2	52
97.8	93.1	93.5	422.3	414.2	414.1	130.0	129.9	131.2	476.1	487.2	483.3	307.2	298.7	298.6	53
52.1	49.2	48.9	144.2	141.3	139.9	66.9	65.7	66.0	216.9	220.9	217.0	148.2	142.2	142.2	54
56.1	52.1	52.1	214.3	209.7	210.8	47.6	46.9	47.6	220.5	220.1	219.4	126.5	115.2	115.3	55
6.4	6.6	6.7	27.8	27.1	27.1	6.5	6.4	6.5	24.2	24.3	24.2	17.1	16.9	16.5	56
2.3	2.1	2.1	9.7	9.4	9.4	2.2	2.2	2.2	8.4	8.4	8.5	6.9	6.5	6.4	57
7.5	7.4	7.3	33.4	33.0	32.9	4.1	4.0	4.1	22.2	22.4	22.5	18.2	18.1	17.6	58
13.5	13.4	13.8	83.1	79.7	80.8	21.2	21.1	21.3	88.6	91.6	91.2	58.2	57.5	57.5	59
13.3	13.2	13.5	82.2	78.5	79.6	21.0	20.9	21.1	84.2	87.7	86.9	55.7	55.0	54.7	60
53.6	54.4	54.7	235.5	236.9	238.8	50.5	51.4	52.4	172.6	173.2	176.4	232.1	238.7	230.9	61
9.0	9.1	8.9	33.3	33.4	33.9	6.8	7.1	7.2	26.1	28.7	29.5	48.1	47.9	48.8	62
9.7	9.7	9.7	37.6	37.0	37.0	14.4	14.7	14.9	28.0	28.0	27.5	53.8	56.4	52.5	63
10.0	9.1	9.2	54.3	55.2	55.2	10.1	10.4	10.5	38.7	39.4	40.1	36.2	36.5	35.7	64

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

	State and areas	Total			Mining			Contract Construction			Manufacturing		
		JUNE 1981	MAY 1982	JUNE 1982P	JUNE 1981	MAY 1982	JUNE 1982P	JUNE 1981	MAY 1982	JUNE 1982P	JUNE 1981	MAY 1982	JUNE 1982P
1	**SOUTH DAKOTA**	244.2	235.4	237.1	3.0	2.8	1.6	11.7	8.6	9.7	26.3	25.5	25.2
2	Sioux Falls	54.9	56.0	56.5	(2)	(2)	(2)	2.6	2.3	2.6	7.4	7.7	7.4
3	**TENNESSEE**	1,757.8	1,728.1	1,729.4	10.1	10.7	11.1	79.2	83.1	83.9	514.7	479.2	481.6
4	Chattanooga	165.0	167.6	167.5	1.1	1.3	1.3	5.9	5.6	5.6	48.9	47.2	47.5
5	Knoxville	205.4	200.8	200.1	1.6	1.6	1.6	10.3	9.6	9.1	52.5	48.5	48.8
6	Memphis	356.5	352.0	350.7	.2	.2	.2	13.8	13.9	13.8	59.8	56.1	55.0
7	Nashville—Davidson	363.9	352.1	348.4	(1)	(1)	(1)	16.9	16.2	16.2	83.4	76.7	76.7
8	**TEXAS**	6,147.3	6,289.3	6,289.9	289.2	300.2	295.0	435.7	439.2	444.7	1,114.0	1,079.3	1,072.6
9	Dallas—Fort Worth	1,519.9	1,552.9	1,550.0	30.2	32.5	32.8	83.2	80.4	84.2	332.9	320.4	319.0
10	Houston	1,552.3	1,575.7	1,573.7	101.8	101.9	101.6	148.0	142.2	144.5	263.5	260.6	258.7
11	San Antonio	411.3	413.3	411.9	3.1	3.6	3.6	28.2	26.2	27.1	52.6	50.5	50.2
12	**UTAH**	560.4	562.0	565.0	20.4	19.4	19.4	29.7	26.5	28.1	90.5	87.9	88.7
13	Salt Lake City—Ogden	394.3	395.9	397.8	8.0	6.7	6.8	19.7	17.2	17.8	61.8	60.7	61.0
14	**VERMONT**	203.4	200.4	200.7	.7	.5	.6	11.9	9.9	10.8	51.8	49.1	49.2
15	Burlington [3]	95.3	93.2	93.0	–	–	–	–	–	–	15.9	15.8	16.0
16	Springfield [3]	14.9	13.8	13.9	–	–	–	–	–	–	6.2	5.3	5.2
17	**VIRGINIA**	2,187.1	2,165.8	2,180.7	22.4	23.7	23.0	121.2	107.2	108.7	413.2	398.7	397.5
18	Bristol	26.9	27.0	26.8	(1)	(1)	(1)	1.0	.7	.7	9.5	9.0	9.0
19	Lynchburg	71.3	69.0	69.1	(1)	(1)	(1)	2.9	2.5	2.5	28.6	27.0	27.0
20	Newport News—Hampton	156.3	153.1	155.8	(1)	(1)	(1)	6.9	6.4	6.4	34.7	34.4	34.9
21	Norfolk—Virginia Beach—Portsmouth	294.5	290.5	293.5	(1)	(1)	(1)	17.2	16.8	17.2	29.3	27.9	28.6
22	Northern Virginia [3]	472.0	473.3	477.5	.4	.3	.4	30.0	26.3	26.6	19.8	21.3	21.5
23	Petersburg—Colonial Hgts.—Hopewell	45.7	45.5	45.9	(1)	(1)	(1)	2.1	1.9	1.9	10.5	10.1	10.1
24	Richmond	331.4	328.2	329.4	.3	.3	.3	18.2	17.3	17.3	56.7	54.3	54.2
25	Roanoke	104.1	102.1	102.8	.2	.2	.2	5.1	4.4	4.5	21.4	20.2	19.8
26	**WASHINGTON**	1,628.5	1,566.8	1,578.0	3.3	3.1	3.2	93.7	75.4	76.1	307.1	289.2	290.4
27	Seattle—Everett	786.3	756.7	(4)	(1)	(1)	(4)	38.1	32.9	(4)	169.5	162.2	(4)
28	Spokane	128.2	121.5	(4)	(1)	(1)	(4)	6.5	4.9	(4)	16.9	14.7	(4)
29	Tacoma	142.8	138.4	(4)	(1)	(1)	(4)	7.0	6.1	(4)	22.0	21.2	(4)
30	**WEST VIRGINIA**	627.9	609.2	606.1	57.4	63.0	62.3	31.1	23.1	22.7	112.7	100.7	99.9
31	Charleston	112.2	110.1	110.2	6.2	6.8	6.8	6.3	4.6	4.7	17.0	16.5	16.5
32	Huntington—Ashland	101.0	101.0	99.7	1.2	1.2	1.2	5.3	3.7	3.8	23.5	23.5	22.9
33	Parkersburg—Marietta	58.4	56.5	55.3	1.4	1.4	1.4	3.4	2.6	1.5	17.1	15.3	15.3
34	Wheeling	65.5	62.6	62.4	4.6	4.7	4.8	2.9	2.1	2.2	12.2	10.2	10.0
35	**WISCONSIN**	1,937.4	1,875.1	1,879.4	2.6	1.9	2.0	63.8	54.2	55.1	549.8	492.6	493.0
36	Appleton—Oshkosh	126.6	121.0	121.5	(1)	(1)	(1)	5.0	4.7	4.5	47.2	42.1	43.2
37	Eau Claire	48.2	48.1	47.3	(1)	(1)	(1)	1.5	1.1	1.1	9.6	8.7	9.0
38	Green Bay	79.4	77.9	78.4	(1)	(1)	(1)	3.4	3.1	3.1	22.1	20.9	21.1
39	Janesville—Beloit	53.0	48.5	49.7	(1)	(1)	(1)	1.3	1.1	1.1	20.7	18.6	17.7
40	Kenosha	42.9	40.0	37.1	(1)	(1)	(1)	1.6	1.8	1.8	16.5	14.2	11.6
41	La Crosse	45.1	45.5	45.2	(1)	(1)	(1)	1.4	1.3	1.2	10.5	10.0	10.2
42	Madison	165.0	169.6	167.6	(1)	(1)	(1)	6.1	5.4	5.5	20.6	19.1	19.7
43	Milwaukee	663.4	634.9	636.9	(1)	(1)	(1)	18.1	15.3	15.6	198.2	173.9	172.4
44	Racine	66.6	62.4	62.5	(1)	(1)	(1)	1.8	1.6	1.5	28.3	23.7	23.5
45	**WYOMING**	222.8	218.9	221.3	38.8	40.1	41.5	20.0	17.2	18.6	10.2	10.0	10.4
46	Casper	40.9	40.8	41.2	8.1	7.3	7.2	3.6	3.5	4.0	2.0	1.6	1.6
47	Cheyenne	31.8	29.9	29.9	(1)	(1)	(1)	2.0	1.5	1.5	1.4	1.3	1.3
48	**PUERTO RICO**	(4)	(4)	(4)	.8	.8	.7	35.1	23.8	23.2	(4)	(4)	(4)
49	Caguas	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
50	Mayaguez	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
51	Ponce	(4)	(4)	(4)	(4)	(4)	(4)	2.8	1.4	1.6	(4)	(4)	(4)
52	San Juan	(4)	(4)	(4)	(1)	(1)	(1)	24.5	18.0	17.3	(4)	(4)	(4)
53	**VIRGIN ISLANDS**	37.9	35.0	34.8	(2)	(2)	(2)	3.9	2.7	2.8	3.3	2.7	2.7

[1] Combined with services.
[2] Combined with construction.
[3] Area included in Chicago—Gary Standard Consolidated Statistical Area.
[4] Subarea Baltimore Standard Metropolitan Statistical Area.
[5] Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.
[6] Subarea of New York—Northeastern New Jersey.
[7] Subarea of Rochester Standard Metropolitan Statistical Area.
[8] Area included in New York and Nassau—Suffolk combined SMSA's.
[9] Subarea of New York Standard Metropolitan Statistical Area.
[10] Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Bucks, Chester, Delaware, Montgomery, Philadelphia Counties, Pennsylvania.
[11] Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Philadelphia County.
[12] Total includes data for industry divisions not shown separately.
[13] Subarea of Washington, D.C. Standard Metropolitan Statistical Area: Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park cities, and Arlington, Fairfax, Loudoun, and Prince William Counties, Virginia.
p = preliminary.
*Not available.

SOURCE: Cooperating State agencies listed on inside back cover.

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
JUNE 1981	MAY 1982	JUNE 1982P	JUNE 1981	MAY 1982	JUNE 1982P	JUNE 1981	MAY 1982	JUNE 1982P	JUNE 1981	MAY 1982	JUNE 1982P	JUNE 1981	MAY 1982	JUNE 1982P	
12.9	12.9	12.6	65.6	64.5	65.3	11.4	11.3	11.4	53.0	51.0	51.8	60.3	58.8	59.5	1
4.6	4.6	4.5	15.7	16.1	16.1	3.4	3.4	3.4	14.0	14.9	14.7	7.2	7.0	7.8	2
86.5	84.0	82.0	370.5	367.8	367.4	78.8	76.6	77.1	312.4	327.0	332.7	305.6	300.5	288.4	3
7.8	7.6	7.6	34.3	34.0	33.7	9.8	9.9	9.9	29.4	29.5	29.4	31.8	32.5	32.5	4
8.4	7.9	7.9	42.8	45.8	45.7	8.6	8.9	8.9	33.5	36.4	36.5	47.7	46.1	47.6	5
27.7	26.3	26.3	96.5	95.9	95.7	20.2	19.9	20.1	75.3	76.8	77.6	63.0	62.9	62.0	6
19.9	19.6	19.5	82.1	77.9	77.8	24.8	23.7	23.9	76.8	77.1	76.3	60.0	60.9	58.0	7
385.8	392.1	389.7	1,505.4	1,574.1	1,580.3	348.0	356.4	361.1	1,088.1	1,129.7	1,130.6	981.1	1,018.3	1,015.9	8
99.4	100.7	96.3	399.9	413.8	416.3	115.3	119.6	121.2	279.1	299.1	301.4	179.9	186.4	178.8	9
108.8	109.6	108.2	372.0	380.1	379.4	93.4	97.2	98.3	301.7	311.9	312.9	163.1	172.2	170.1	10
19.0	19.3	19.1	103.8	103.2	103.8	27.4	28.0	28.3	83.8	85.8	86.9	93.4	96.7	94.9	11
34.8	36.4	36.9	130.8	129.4	130.5	26.6	26.9	27.1	102.9	106.4	107.9	124.6	129.1	126.3	12
27.0	28.1	28.5	97.0	95.8	96.7	21.3	21.8	22.1	71.3	73.9	74.7	88.1	91.5	90.3	13
8.7	8.6	8.7	42.5	42.8	43.1	8.3	8.3	8.4	43.4	44.1	43.7	36.1	37.1	36.2	14
2.4	2.3	2.3	12.2	12.6	12.2	–	–	–	12.0	12.8	12.1	–	–	–	15
.6	.7	.7	2.3	2.2	2.2	–	–	–	2.6	2.5	2.6	–	–	–	16
118.0	118.3	119.2	464.5	473.5	477.2	107.6	106.2	107.1	424.7	425.8	431.3	515.6	513.8	516.6	17
1.1	1.1	1.1	6.3	6.8	6.9	.9	.9	.9	3.3	3.5	3.4	4.9	4.9	4.7	18
2.7	2.7	2.7	12.1	12.2	12.2	3.3	3.3	3.3	10.6	11.3	11.4	10.0	10.1	10.0	19
4.8	5.3	5.4	29.1	29.4	29.7	5.0	4.9	5.2	32.4	31.5	32.6	41.3	41.1	41.7	20
20.1	20.2	20.3	71.3	70.6	71.6	15.2	15.1	15.2	60.3	60.4	61.2	81.0	79.5	79.4	21
32.4	32.0	32.5	112.4	114.9	115.1	29.6	29.2	29.8	126.7	127.8	128.7	120.6	121.6	122.8	22
1.3	1.2	1.2	9.0	9.3	9.4	1.2	1.2	1.2	6.8	7.1	7.1	14.7	14.8	15.0	23
19.8	19.8	20.0	76.4	77.5	77.6	26.6	26.3	26.4	61.5	61.5	62.2	71.8	71.2	71.5	24
9.2	9.8	9.8	25.1	25.2	25.6	6.2	6.0	6.0	21.0	21.0	21.2	16.0	15.3	15.7	25
90.9	85.8	86.3	385.9	380.9	384.7	91.6	92.0	92.3	319.6	317.5	320.5	336.4	322.9	324.5	26
51.9	50.4	(*)	184.9	185.6	(*)	57.2	58.0	(*)	157.4	153.4	(*)	123.3	116.2	(*)	27
8.4	7.7	(*)	35.3	33.8	(*)	7.8	7.8	(*)	30.2	30.3	(*)	23.1	22.3	(*)	28
6.5	6.1	(*)	34.3	32.9	(*)	7.0	6.9	(*)	31.3	31.7	(*)	33.8	33.5	(*)	29
40.3	41.8	42.0	131.8	129.4	129.4	22.2	22.0	22.1	102.8	102.3	101.4	129.6	127.0	126.4	30
9.5	9.4	9.4	26.3	26.3	26.2	5.2	5.2	5.2	21.3	21.2	21.2	20.5	20.2	20.3	31
8.8	9.9	9.9	24.4	24.1	24.0	3.8	3.8	3.8	15.7	16.0	16.0	18.3	19.0	18.0	32
2.5	2.4	2.4	13.2	13.0	13.1	2.1	2.0	2.0	10.0	10.0	9.9	9.8	9.8	9.8	33
3.6	3.6	3.6	15.3	15.2	15.3	2.8	2.8	2.8	14.2	14.3	14.2	9.9	9.5	9.6	34
91.5	88.8	88.2	436.8	431.5	434.8	97.0	97.0	98.2	379.3	382.4	387.8	316.7	326.7	320.5	35
4.2	4.4	4.3	26.1	25.5	25.3	5.6	5.7	5.8	21.5	21.9	22.2	17.0	16.8	16.2	36
2.7	2.6	2.7	12.7	13.0	12.6	1.7	1.7	1.7	10.1	9.7	10.0	10.1	11.2	10.3	37
6.1	6.1	6.2	19.9	19.4	19.6	2.6	2.5	2.6	15.0	15.6	15.6	10.4	10.2	10.3	38
2.2	2.5	2.5	11.3	11.0	11.0	1.4	1.4	1.4	9.0	9.0	9.0	7.0	7.3	7.0	39
1.3	1.2	1.2	8.5	8.1	8.2	1.0	1.0	1.0	7.7	7.8	7.5	6.3	6.0	6.0	40
2.3	2.0	1.9	11.8	12.0	11.8	1.1	1.2	1.1	11.1	11.6	11.7	6.9	7.5	7.2	41
6.3	6.4	6.3	35.7	36.7	36.6	13.7	13.8	14.0	32.6	33.4	33.5	54.1	54.7	52.1	42
34.1	35.1	33.0	142.1	139.0	139.7	40.7	41.0	41.3	146.5	147.6	148.9	83.7	85.0	86.0	43
2.3	2.4	2.3	13.4	12.8	13.0	2.3	2.3	2.3	11.6	11.1	11.1	8.8	8.6	8.8	44
18.4	17.8	17.7	50.1	49.8	49.8	7.5	7.5	7.4	35.4	32.7	33.5	42.4	43.8	42.4	45
2.9	2.6	2.5	11.1	11.3	11.1	1.8	1.8	1.8	5.8	6.0	5.9	5.6	6.7	7.1	46
4.8	4.2	4.0	7.1	7.2	7.2	1.6	1.5	1.5	5.7	5.2	5.3	9.2	9.0	9.1	47
16.1	16.1	15.8	113.8	105.7	103.2	28.3	27.9	28.3	83.2	81.9	79.9	244.2	245.1	245.1	48
(*)	(*)	(*)	6.0	4.7	4.6	(*)	(*)	(*)	(*)	(*)	(*)	13.8	9.9	9.9	49
(*)	(*)	(*)	5.6	5.5	5.5	(*)	(*)	(*)	(*)	(*)	(*)	13.1	13.6	13.6	50
(*)	(*)	(*)	7.9	6.8	6.5	(*)	(*)	(*)	6.8	6.7	6.7	17.8	17.1	17.1	51
14.4	12.9	11.9	71.0	66.8	65.2	21.3	21.0	21.2	56.1	56.4	56.8	128.6	120.3	120.5	52
2.1	2.0	1.9	7.7	7.4	7.0	1.7	1.6	1.6	5.8	5.6	5.5	13.5	13.0	13.3	53

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C-1. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division, 1961 to date

Year and month	Average												
	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Hourly earnings excl. overtime
	Total private			Mining			Construction			Manufacturing			
1961	$82.60	38.6	$2.14	$105.92	40.5	$2.64	$118.08	36.9	$3.20	$92.38	39.8	$2.32	$2.25
1962	85.91	38.7	2.22	110.70	41.0	2.70	122.47	37.0	3.31	96.56	40.4	2.39	2.31
1963	88.46	38.8	2.28	114.40	41.6	2.75	127.19	37.3	3.41	99.23	40.5	2.45	2.37
1964	91.33	38.7	2.36	117.74	41.9	2.81	132.36	37.2	3.55	102.97	40.7	2.53	2.43
1965	95.45	38.8	2.46	123.52	42.3	2.92	138.38	37.4	3.70	107.53	41.2	2.61	2.50
1966	98.82	38.6	2.56	130.29	42.7	3.05	146.26	37.6	3.89	112.13	41.4	2.71	2.59
1967	101.84	38.0	2.68	135.89	42.6	3.19	154.95	37.7	4.11	114.49	40.6	2.82	2.71
1968	107.73	37.8	2.85	142.71	42.6	3.35	164.49	37.3	4.41	122.51	40.7	3.01	2.88
1969	114.61	37.7	3.04	154.80	43.0	3.60	181.54	37.9	4.79	129.51	40.6	3.19	3.05
1970	119.83	37.1	3.23	164.40	42.7	3.85	195.45	37.3	5.24	133.33	39.8	3.35	3.23
1971	127.31	36.9	3.45	172.14	42.4	4.06	211.67	37.2	5.69	142.44	39.9	3.57	3.45
1972	136.90	37.0	3.70	189.14	42.6	4.44	221.19	36.5	6.06	154.71	40.5	3.82	3.66
1973	145.39	36.9	3.94	201.40	42.4	4.75	235.89	36.8	6.41	165.46	40.7	4.09	3.91
1974	154.76	36.5	4.24	219.14	41.9	5.23	249.25	35.6	6.81	176.80	40.0	4.42	4.25
1975	163.53	36.1	4.53	249.31	41.9	5.95	266.08	36.4	7.31	193.79	39.5	4.83	4.67
1976	175.45	36.1	4.86	273.90	42.4	6.46	283.73	36.8	7.71	209.32	40.1	5.22	5.02
1977	189.00	36.0	5.25	301.20	43.4	6.94	295.65	36.5	8.10	228.90	40.3	5.68	5.44
1978	203.70	35.8	5.69	332.88	43.4	7.67	318.69	36.8	8.66	249.27	40.4	6.17	5.91
1979	219.91	35.7	6.16	365.07	43.0	8.49	342.99	37.0	9.27	269.38	40.2	6.70	6.43
1980	235.10	35.3	6.66	397.06	43.3	9.17	367.78	37.0	9.94	288.62	39.7	7.27	7.02
1981	255.20	35.2	7.25	439.19	43.7	10.05	398.52	36.9	10.80	318.00	39.8	7.99	7.72
1981:													
July	257.74	35.6	7.24	439.92	43.6	10.09	407.86	37.8	10.79	317.59	39.6	8.02	7.75
August	259.88	35.6	7.30	447.30	44.2	10.12	408.41	37.4	10.92	320.40	39.9	8.03	7.74
September	259.74	35.1	7.40	450.85	43.9	10.27	396.31	35.8	11.07	322.32	39.5	8.16	7.87
October	261.18	35.2	7.42	456.13	44.5	10.25	419.62	37.6	11.16	323.95	39.7	8.16	7.89
November	262.20	35.1	7.47	461.32	44.4	10.39	414.78	37.1	11.18	325.54	39.7	8.20	7.94
December	262.24	35.2	7.45	466.37	44.8	10.41	417.75	37.1	11.26	329.97	39.9	8.27	8.00
1982:													
January	255.95	33.9	7.55	456.89	42.9	10.65	385.95	33.3	11.59	312.38	37.1	8.42	8.17
February	262.39	34.8	7.54	463.03	43.6	10.62	406.39	35.9	11.32	326.93	39.2	8.34	8.10
March	261.99	34.7	7.55	465.16	43.8	10.62	419.21	37.0	11.33	327.27	39.1	8.37	8.13
April	262.27	34.6	7.58	454.76	42.7	10.65	415.44	36.7	11.32	325.85	38.7	8.42	8.19
May	265.52	34.8	7.63	454.12	42.6	10.66	429.75	37.5	11.46	329.55	39.0	8.45	8.22
June	267.05	35.0	7.63	462.01	42.7	10.82	427.88	37.5	11.41	334.05	39.3	8.50	8.25
July	269.98	35.2	7.67	466.98	43.0	10.86	437.76	38.0	11.52	332.60	38.9	8.55	8.31

Year and month	Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			
1961	–	–	–	$67.41	38.3	$1.76	$77.12	36.9	$2.09	–	–	–	
1962	–	–	–	69.91	38.2	1.83	80.94	37.3	2.17	–	–	–	
1963	–	–	–	72.31	38.1	1.89	84.38	37.5	2.25	–	–	–	
1964	$118.74	41.1	$2.89	74.55	37.9	1.97	85.79	37.3	2.30	$70.01	36.1	$1.94	
1965	125.14	41.3	3.03	76.91	37.7	2.04	88.91	37.2	2.39	71.63	35.9	2.00	
1966	128.13	41.2	3.11	78.39	37.1	2.14	92.13	37.3	2.47	77.04	35.5	2.17	
1967	130.82	40.5	3.23	82.35	36.6	2.25	95.72	37.1	2.58	80.38	35.1	2.29	
1968	138.85	40.6	3.42	87.33	36.1	2.41	101.75	37.0	2.75	83.97	34.7	2.42	
1969	147.74	40.7	3.63	91.39	35.7	2.56	108.70	37.1	2.93	90.57	34.7	2.61	
1970	155.93	40.5	3.85	95.02	35.3	2.72	112.67	36.7	3.07	95.65	34.4	2.81	
1971	166.82	40.1	4.21	101.04	35.1	2.88	117.85	36.6	3.22	103.06	33.9	3.04	
1972	187.86	40.4	4.65	106.45	34.9	3.05	122.98	35.6	3.36	113.85	33.9	3.27	
1973	203.31	40.5	5.02	111.76	34.6	3.23	129.20	35.6	3.53	112.29	33.8	3.47	
1974	217.48	40.2	5.41	119.02	34.2	3.48	137.61	35.5	3.77	125.03	33.6	3.75	
1975	233.44	39.7	5.88	125.45	33.9	3.73	145.19	35.5	4.05	134.67	33.5	4.02	
1976	256.71	39.8	6.45	133.79	33.7	3.97	155.43	35.4	4.27	143.52	33.3	4.31	
1977	278.90	39.9	6.99	142.52	33.3	4.28	165.26	35.4	4.54	153.45	33.0	4.65	
1978	302.80	40.0	7.57	154.64	32.9	4.67	178.00	35.4	4.89	163.67	32.8	4.99	
1979	325.58	39.9	8.16	164.96	32.6	5.06	190.77	36.2	5.27	175.27	32.7	5.36	
1980	351.25	39.6	8.87	176.46	32.2	5.48	209.60	36.2	5.79	190.71	32.6	5.85	
1981	382.18	39.4	9.70	190.95	32.2	5.93	229.05	36.3	6.31	208.97	32.6	6.41	
1981:													
July	383.90	39.7	9.67	193.85	32.8	5.91	227.96	36.3	6.28	209.85	33.1	6.34	
August	389.87	39.5	9.87	194.83	32.8	5.94	232.23	36.4	6.38	210.89	32.9	6.41	
September	390.04	39.2	9.95	194.49	32.2	6.04	230.04	36.0	6.39	211.25	32.4	6.52	
October	388.65	39.1	9.94	192.32	32.0	6.01	232.77	36.2	6.43	213.85	32.5	6.58	
November	393.96	39.2	10.05	192.68	31.9	6.04	236.02	36.2	6.52	216.78	32.5	6.67	
December	395.36	39.3	10.06	194.45	32.3	6.02	234.21	36.2	6.47	217.12	32.6	6.66	
1982:													
January	388.85	38.5	10.10	191.89	31.1	6.17	237.47	36.2	6.56	219.32	32.3	6.79	
February	397.10	39.2	10.13	194.66	31.6	6.16	239.64	36.2	6.62	220.68	32.5	6.79	
March	392.73	39.0	10.07	194.66	31.6	6.16	239.22	36.3	6.59	220.03	32.5	6.77	
April	393.43	38.8	10.14	195.91	31.7	6.18	240.37	36.2	6.64	221.33	32.5	6.81	
May	394.60	38.8	10.17	197.78	31.9	6.20	245.75	36.3	6.77	222.63	32.5	6.85	
June	398.43	39.1	10.19	199.32	32.2	6.19	241.51	36.1	6.69	223.01	32.7	6.82	
July	400.38	39.1	10.24	202.12	32.6	6.20	245.03	36.3	6.75	227.73	33.1	6.88	

[1] For coverage of series, see footnote 1, table B-2.

p = preliminary.

NOTE: Data from April 1981 forward are subject to revision when more recent benchmark data are introduced. See "Benchmark adjustment" in the Explanatory Notes of this publication.

ESTABLISHMENT DATA
HOURS AND EARNINGS

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		June 1981	July 1981	May 1982	June 1982P	July 1982P	June 1981	July 1981	May 1982	June 1982P	July 1982P
	TOTAL PRIVATE	$254.88	$257.74	$265.52	$257.05	$269.98	$7.20	$7.24	$7.63	$7.63	$7.67
	MINING	420.04	439.92	454.12	462.01	466.98	9.93	10.05	10.66	10.82	10.86
10	METAL MINING	467.41	468.64	485.10	487.91	-	11.29	11.60	12.25	12.29	-
101	Iron ores	508.04	495.46	516.90	564.59	-	11.87	11.91	13.22	13.33	-
102	Copper ores	481.82	495.97	470.76	461.07	-	11.61	11.98	12.04	12.23	-
11, 12	COAL MINING	413.77	484.01	496.90	515.84	-	11.89	-	12.33	12.80	-
12	BITUMINOUS COAL AND LIGNITE MINING	414.67	486.01	498.51	517.45	-	11.95	-	12.37	12.84	-
13	OIL AND GAS EXTRACTION	427.14	431.80	447.34	451.73	-	9.45	9.49	10.19	10.29	-
131, 2	Crude petroleum, natural gas, and natural gas liquids	442.84	459.01	477.05	477.77	-	10.69	10.74	11.75	11.71	-
138	Oil and gas field services	421.31	426.82	436.95	443.33	-	9.08	9.12	9.71	9.83	-
14	NONMETALLIC MINERALS, EXCEPT FUELS	354.32	362.32	377.97	383.23	-	8.24	8.31	8.79	8.85	-
142	Crushed and broken stone	343.94	350.32	372.34	379.68	-	7.93	7.99	8.54	8.59	-
	CONSTRUCTION	395.81	407.86	429.75	427.88	437.76	10.64	10.79	11.46	11.41	11.52
15	GENERAL BUILDING CONTRACTORS	350.30	360.39	376.98	379.70	-	9.65	9.82	10.30	10.29	-
152	Residential building construction	319.85	327.25	349.16	351.66	-	8.86	9.04	9.54	9.53	-
153	Operative builders	303.00	314.71	315.02	306.18	-	8.44	8.46	8.29	8.10	-
154	Nonresidential building construction	381.64	396.55	407.72	411.06	-	10.49	10.66	11.14	11.17	-
16	HEAVY CONSTRUCTION CONTRACTORS	406.02	425.60	464.62	459.72	-	10.10	10.33	11.36	11.24	-
161	Highway and street construction	389.57	417.73	401.13	423.69	-	9.41	9.76	9.88	10.04	-
162	Heavy construction, except highway	412.24	429.71	488.35	473.53	-	10.41	10.61	11.94	11.75	-
17	SPECIAL TRADE CONTRACTORS	416.60	423.20	437.53	435.36	-	11.39	11.50	12.02	12.01	-
171	Plumbing, heating, air conditioning	427.89	441.18	451.98	446.49	-	11.38	11.61	12.15	12.10	-
172	Painting, paper hanging, decorating	367.50	372.40	383.60	385.00	-	10.47	10.49	10.96	11.00	-
173	Electrical work	494.25	498.35	513.38	521.29	-	13.11	13.04	13.51	13.54	-
174	Masonry, stonework, and plastering	379.97	381.35	402.52	403.86	-	10.95	10.99	11.60	11.74	-
175	Carpentering and flooring	359.31	357.74	377.57	377.06	-	10.15	10.28	11.04	11.09	-
176	Roofing and sheet metal work	337.34	354.58	357.68	353.51	-	10.01	10.16	10.52	10.49	-
	MANUFACTURING	320.39	317.59	329.55	334.05	332.60	7.97	8.02	8.45	8.50	8.55
24, 25, 32-39	DURABLE GOODS	346.72	342.60	355.90	360.59	356.72	8.54	8.57	9.01	9.06	9.10
20-23, 26-31	NONDURABLE GOODS	281.64	282.30	294.14	298.38	300.31	7.11	7.22	7.66	7.71	7.78
	DURABLE GOODS										
24	LUMBER AND WOOD PRODUCTS	280.06	276.71	285.29	294.06	291.85	7.09	7.15	7.41	7.54	7.62
241	Logging camps and logging contractors	371.20	370.60	385.32	406.45	-	9.35	9.43	10.14	10.64	-
242	Sawmills and planing mills	291.27	289.30	296.82	305.29	-	7.30	7.38	7.65	7.69	-
2421	Sawmills and planing mills, general	306.83	304.97	312.76	322.79	-	7.69	7.76	8.04	8.09	-
2426	Hardwood dimension and flooring	201.20	200.55	205.11	206.84	-	5.03	5.09	5.30	5.29	-
243	Millwork, plywood, and structural members	276.11	268.42	278.69	285.09	-	6.99	6.99	7.22	7.31	-
2431	Millwork	277.25	270.72	289.30	302.19	-	7.02	7.05	7.38	7.48	-
2434	Wood kitchen cabinets	244.68	227.79	253.88	249.75	-	6.29	6.19	6.77	6.66	-
2435	Hardwood veneer and plywood	228.67	215.99	216.40	220.42	-	5.51	5.51	5.74	5.74	-
2436	Softwood veneer and plywood	339.89	338.72	336.08	340.61	-	8.76	8.71	8.53	8.87	-
244	Wood containers	212.22	202.75	212.01	210.69	-	5.40	5.28	5.55	5.53	-
245	Wood buildings and mobile homes	244.63	241.24	251.54	249.38	-	6.54	6.52	6.69	6.65	-
2451	Mobile homes	242.90	245.70	253.27	248.35	-	6.46	6.50	6.63	6.57	-
249	Miscellaneous wood products	236.19	231.43	243.36	246.64	-	5.89	5.88	6.24	6.26	-
25	FURNITURE AND FIXTURES	229.53	223.78	231.76	236.77	235.21	5.99	5.92	6.23	6.30	6.34
251	Household furniture	211.53	204.78	209.30	215.76	-	5.48	5.49	5.75	5.80	-
2511	Wood household furniture	197.46	192.78	190.80	196.14	-	5.05	5.10	5.30	5.33	-
2512	Upholstered household furniture	220.13	212.07	219.56	228.16	-	5.87	5.81	6.15	6.20	-
2514	Metal household furniture	233.60	221.54	234.69	238.70	-	5.79	5.83	6.08	6.16	-
2515	Mattresses and bedsprings	229.52	220.93	234.66	242.79	-	6.04	6.02	6.36	6.44	-
252	Office furniture	254.16	247.11	260.74	264.99	-	6.37	6.32	6.79	6.76	-
253	Public building and related furniture	264.16	264.26	277.60	285.62	-	6.63	6.59	6.98	7.11	-
254	Partitions and fixtures	276.19	273.98	288.04	297.97	-	7.10	7.21	7.58	7.66	-
259	Miscellaneous furniture and fixtures	259.23	261.32	264.11	273.44	-	6.63	6.77	6.79	6.94	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry – Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		June 1981	July 1981	May 1982	June 1982P	July 1982P	June 1981	July 1981	May 1982	June 1982P	July 1982P
	TOTAL PRIVATE	35.4	35.6	34.8	35.0	35.2	-	-	-	-	-
	MINING	42.3	43.0	42.6	42.7	43.0	-	-	-	-	-
10	METAL MINING	41.4	40.4	39.6	39.7	-	-	-	-	-	-
101	Iron ores	42.8	41.6	39.1	43.0	-	-	-	-	-	-
102	Copper ores	41.5	41.4	39.1	37.7	-	-	-	-	-	-
11, 12	COAL MINING	39.6	-	40.3	40.3	-	-	-	-	-	-
12	BITUMINOUS COAL AND LIGNITE MINING	39.7	-	40.3	40.3	-	-	-	-	-	-
13	OIL AND GAS EXTRACTION	45.2	45.5	43.9	43.9	-	-	-	-	-	-
131, 2	Crude petroleum, natural gas, and natural gas liquids	41.5	41.9	40.6	40.8	-	-	-	-	-	-
138	Oil and gas field services	46.4	46.8	45.0	45.1	-	-	-	-	-	-
14	NONMETALLIC MINERALS, EXCEPT FUELS	43.0	43.6	43.0	43.3	-	-	-	-	-	-
142	Crushed and broken stone	43.1	43.9	43.6	44.2	-	-	-	-	-	-
	CONSTRUCTION	37.2	37.8	37.5	37.5	38.0	-	-	-	-	-
15	GENERAL BUILDING CONTRACTORS	36.3	36.7	36.6	36.9	-	-	-	-	-	-
152	Residential building construction	36.1	36.2	36.6	36.9	-	-	-	-	-	-
153	Operative builders	35.9	37.2	38.0	37.8	-	-	-	-	-	-
154	Nonresidential building construction	36.4	37.2	36.6	36.8	-	-	-	-	-	-
16	HEAVY CONSTRUCTION CONTRACTORS	40.2	41.2	40.9	40.9	-	-	-	-	-	-
161	Highway and street construction	41.4	42.8	40.6	42.2	-	-	-	-	-	-
162	Heavy construction, except highway	39.6	40.5	40.9	40.3	-	-	-	-	-	-
17	SPECIAL TRADE CONTRACTORS	36.4	36.8	36.4	36.3	-	-	-	-	-	-
171	Plumbing, heating, air conditioning	37.6	38.0	37.2	36.9	-	-	-	-	-	-
172	Painting, paper hanging, decorating	35.1	35.5	35.0	35.0	-	-	-	-	-	-
173	Electrical work	37.7	38.1	38.0	38.5	-	-	-	-	-	-
174	Masonry, stonework, and plastering	34.7	34.7	34.7	34.9	-	-	-	-	-	-
175	Carpentering and flooring	35.4	34.8	34.2	34.0	-	-	-	-	-	-
176	Roofing and sheet metal work	33.7	34.9	34.9	33.7	-	-	-	-	-	-
	MANUFACTURING	40.2	39.6	39.0	39.3	38.9	3.0	2.8	2.2	2.4	2.3
24, 25, 32-39	DURABLE GOODS	40.6	40.0	39.5	39.8	39.2	3.0	2.8	2.1	2.3	2.1
20-23, 26, 31	NONDURABLE GOODS	39.5	39.1	38.4	38.7	38.6	2.9	2.8	2.4	2.5	2.5
	DURABLE GOODS										
24	LUMBER AND WOOD PRODUCTS	39.5	38.7	38.5	39.0	38.3	2.8	2.7	2.3	2.6	-
241	Logging camps and logging contractors	39.7	39.3	38.0	38.2	-	3.8	3.9	3.0	3.3	-
242	Sawmills and planing mills	39.9	39.2	38.8	39.7	-	3.2	3.2	2.9	3.2	-
2421	Sawmills and planing mills, general	39.9	39.3	38.9	39.9	-	3.3	3.4	3.2	3.4	-
2426	Hardwood dimension and flooring	40.0	39.4	38.7	39.1	-	2.6	2.2	1.7	2.2	-
243	Millwork, plywood, and structural members	39.5	38.4	38.6	39.0	-	2.5	2.0	1.8	2.3	-
2431	Millwork	39.5	38.4	38.2	42.4	-	1.9	1.3	1.4	2.1	-
2434	Wood kitchen cabinets	38.9	38.8	37.5	37.5	-	1.8	1.2	1.2	2.2	-
2435	Hardwood veneer and plywood	41.5	39.2	37.7	38.4	-	3.7	3.0	2.1	2.2	-
2436	Softwood veneer and plywood	38.8	38.8	39.4	39.4	-	3.1	3.1	2.7	2.8	-
244	Wood containers	39.3	38.4	38.2	38.1	-	2.5	2.1	2.0	1.8	-
245	Wood buildings and mobile homes	37.4	37.0	37.6	37.5	-	1.7	1.8	1.6	1.6	-
2451	Mobile homes	37.6	37.8	38.2	37.8	-	1.2	1.4	1.7	1.7	-
249	Miscellaneous wood products	40.1	38.7	39.0	39.4	-	2.8	2.5	2.0	2.2	-
25	FURNITURE AND FIXTURES	38.9	37.8	37.2	37.9	37.1	2.0	1.7	1.3	1.5	-
251	Household furniture	38.6	37.3	36.4	37.2	-	1.8	1.5	1.1	1.2	-
2511	Wood household furniture	39.1	37.8	36.0	36.8	-	1.9	1.7	1.2	1.3	-
2512	Upholstered household furniture	37.5	36.5	33.7	36.8	-	1.3	1.0	.6	.8	-
2514	Metal household furniture	40.0	38.0	38.6	38.1	-	2.9	2.1	2.2	1.8	-
2515	Mattresses and bedsprings	38.0	36.7	36.9	37.7	-	1.6	1.8	1.3	1.4	-
252	Office furniture	39.9	39.1	38.4	39.2	-	2.7	2.2	1.9	2.0	-
253	Public building and related furniture	40.6	40.1	39.8	40.2	-	2.5	2.3	1.5	2.4	-
254	Partitions and fixtures	38.9	38.0	38.0	38.9	-	2.4	2.4	1.6	2.3	-
259	Miscellaneous furniture and fixtures	38.1	38.6	38.9	39.4	-	1.5	1.6	1.6	1.8	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry – Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		June 1981	July 1981	May 1982	June 1982P	July 1982P	June 1981	July 1981	May 1982	June 1982P	July 1982P
32	STONE, CLAY, AND GLASS PRODUCTS	$342.37	$342.72	$355.52	$361.49	$362.15	$8.31	$8.40	$8.80	$8.86	$8.92
321	Flat glass	483.76	442.57	500.26	531.78	-	11.07	10.69	11.58	11.95	-
322	Glass and glassware, pressed or blown	360.67	356.17	380.43	386.11	-	8.84	8.86	9.44	9.51	-
3221	Glass containers	387.09	376.00	408.70	409.12	-	9.35	9.33	9.92	9.93	-
3229	Pressed and blown glass, nec	322.79	327.62	337.26	349.27	-	8.09	8.17	8.67	8.82	-
323	Products of purchased glass	295.47	293.88	319.20	320.36	-	7.35	7.44	7.96	7.91	-
324	Cement, hydraulic	476.35	499.56	513.36	514.18	-	11.59	11.81	12.43	12.48	-
325	Structural clay products	270.80	273.76	288.72	282.03	-	6.67	6.81	7.20	7.14	-
326	Pottery and related products	268.62	264.50	281.78	287.08	-	6.87	6.87	7.30	7.38	-
327	Concrete, gypsum, and plaster products	348.40	351.10	351.82	362.88	-	8.20	8.32	8.56	8.64	-
3271	Concrete block and brick	314.49	319.60	326.40	339.21	-	7.47	7.52	7.68	7.78	-
3272	Concrete products, nec	307.94	313.11	318.66	326.21	-	7.28	7.35	7.66	7.73	-
3273	Ready-mixed concrete	373.27	381.20	380.15	393.46	-	9.06	9.23	9.48	9.55	-
329	Misc. nonmetallic mineral products	339.49	337.81	339.77	344.27	-	8.22	8.30	8.58	8.65	-
3291	Abrasive products	320.33	321.99	323.47	323.76	-	7.89	8.07	8.49	8.52	-
3292	Asbestos products	354.05	348.14	339.99	349.27	-	8.37	8.45	8.74	8.91	-
33	PRIMARY METAL INDUSTRIES	439.68	434.43	430.11	440.35	439.67	10.75	10.78	11.23	11.32	11.42
331	Blast furnace and basic steel products	505.51	498.08	490.87	505.39	-	12.39	12.39	13.16	13.23	-
3312	Blast furnaces and steel mills	521.24	514.00	507.38	524.16	-	12.87	12.85	13.75	13.83	-
3317	Steel pipe and tubes	427.38	422.30	409.55	421.19	-	10.20	10.30	10.61	10.69	-
332	Iron and steel foundries	365.46	357.63	349.85	362.84	-	9.16	9.10	9.43	9.65	-
3321	Gray iron foundries	377.20	366.67	356.16	367.58	-	9.43	9.33	9.60	9.75	-
3322	Malleable iron foundries	379.06	374.02	387.28	380.36	-	9.67	9.74	10.30	10.28	-
3325	Steel foundries, nec	343.31	337.79	330.30	353.06	-	8.54	8.53	9.00	9.44	-
333	Primary nonferrous metals	491.47	511.60	513.48	522.86	-	11.90	12.21	12.71	12.91	-
3334	Primary aluminum	522.34	542.41	547.29	556.07	-	12.78	13.07	13.48	13.73	-
335	Nonferrous rolling and drawing	410.31	401.86	409.64	414.93	-	9.70	9.66	10.19	10.22	-
3351	Copper rolling and drawing	366.37	355.66	354.12	355.71	-	8.58	8.57	8.92	8.96	-
3353	Aluminum sheet, plate, and foil	535.82	527.88	562.66	552.97	-	12.49	12.45	13.69	13.52	-
3357	Nonferrous wire drawing and insulating	368.26	363.26	370.40	381.77	-	8.81	8.86	9.26	9.38	-
336	Nonferrous foundries	323.58	315.20	331.30	336.54	-	7.97	8.00	8.43	8.52	-
3361	Aluminum foundries	329.67	323.53	338.77	349.20	-	8.14	8.17	8.62	8.73	-
34	FABRICATED METAL PRODUCTS	335.78	327.58	346.33	349.27	343.49	8.23	8.21	8.79	8.82	8.83
341	Metal cans and shipping containers	476.51	479.83	502.55	515.48	-	10.90	10.93	11.66	11.85	-
3411	Metal cans	496.57	500.59	524.36	541.29	-	11.26	11.30	12.11	12.33	-
342	Cutlery, hand tools, and hardware	315.21	311.66	325.40	327.86	-	7.90	7.89	8.43	8.45	-
3423, 5	Hand and edge tools, and hand saws and blades	298.28	290.55	295.91	292.15	-	7.42	7.45	7.87	7.77	-
3429	Hardware, nec	331.89	317.49	347.49	352.52	-	8.36	8.12	8.91	8.97	-
343	Plumbing and heating, except electric	287.89	280.62	296.42	299.89	-	7.27	7.27	7.78	7.83	-
3432	Plumbing fittings and brass goods	282.40	275.52	286.50	282.34	-	6.99	6.94	7.50	7.43	-
3433	Heating equipment, except electric	283.42	273.35	299.52	309.62	-	7.23	7.27	7.80	7.98	-
344	Fabricated structural metal products	317.58	320.00	335.23	338.98	-	7.90	8.00	8.53	8.56	-
3441	Fabricated structural metal	335.79	344.81	356.40	358.75	-	8.19	8.41	8.91	8.88	-
3442	Metal doors, sash, and trim	252.41	251.02	265.67	265.16	-	6.39	6.42	6.76	6.73	-
3443	Fabricated plate work (boiler shops)	351.65	351.48	372.72	380.25	-	8.64	8.70	9.46	9.53	-
3444	Sheet metal work	318.75	320.23	334.95	340.17	-	8.09	8.19	8.70	8.79	-
3446	Architectural metal work	292.47	295.66	316.74	316.57	-	7.33	7.41	8.08	8.18	-
345	Screw machine products, bolts, etc.	315.29	309.91	316.29	317.46	-	7.69	7.69	8.11	8.14	-
3451	Screw machine products	286.22	283.77	291.75	291.80	-	7.12	7.13	7.50	7.54	-
3452	Bolts, nuts, rivets, and washers	341.94	334.56	340.17	342.30	-	8.20	8.20	8.70	8.71	-
346	Metal forgings and stampings	403.37	377.06	404.81	408.85	-	9.65	9.45	10.07	10.12	-
3462	Iron and steel forgings	413.11	393.57	419.43	427.12	-	10.15	10.04	10.81	10.98	-
3465	Automotive stampings	510.12	464.02	497.35	499.80	-	11.62	11.29	11.73	11.76	-
3469	Metal stampings, nec	292.58	286.94	301.82	304.58	-	7.26	7.32	7.86	7.85	-
347	Metal services, nec	264.31	262.35	270.82	271.44	-	6.51	6.51	6.98	6.96	-
3471	Plating and polishing	255.27	254.87	265.87	266.37	-	6.43	6.42	6.87	6.83	-
3479	Metal coating and allied services	284.33	279.39	281.64	282.80	-	6.69	6.70	7.24	7.27	-
348	Ordnance and accessories, nec	331.30	316.37	362.56	361.49	-	8.14	8.05	8.93	8.97	-
3483	Ammunition, exc. for small arms, nec	294.08	280.48	329.67	328.40	-	7.56	7.42	8.14	8.21	-
349	Misc. fabricated metal products	310.27	301.86	318.45	323.49	-	7.68	7.74	8.25	8.26	-
3494	Valves and pipe fittings	329.27	320.15	337.36	338.30	-	8.13	8.23	8.74	8.81	-
3496	Misc. fabricated wire products	275.52	264.10	273.74	278.64	-	6.72	6.72	7.11	7.09	-
35	MACHINERY, EXCEPT ELECTRICAL	361.27	357.62	367.62	369.34	367.06	8.79	8.83	9.26	9.28	9.34
351	Engines and turbines	440.78	445.94	434.95	436.89	-	10.83	10.93	11.21	11.26	-
3511	Turbines and turbine generator sets	395.11	390.39	418.08	419.69	-	9.79	10.01	10.40	10.44	-
3519	Internal combustion engines, nec	458.18	467.71	443.50	444.63	-	11.23	11.27	11.61	11.67	-
352	Farm and garden machinery	400.77	402.38	406.21	414.22	-	9.92	9.96	10.31	10.46	-
3523	Farm machinery and equipment	413.91	413.91	434.32	436.00	-	10.22	10.22	10.94	11.01	-
353	Construction and related machinery	397.57	392.76	403.35	401.58	-	9.58	9.65	10.16	10.09	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		June 1981	July 1981	May 1982	June 1982P	July 1982P	June 1981	July 1981	May 1982	June 1982P	July 1982P
32	STONE, CLAY, AND GLASS PRODUCTS	41.2	40.8	40.9	40.8	40.6	4.1	4.1	3.5	3.7	-
321	Flat glass	43.7	41.4	43.2	44.5	-	5.1	4.0	4.1	4.8	-
322	Glass and glassware, pressed or blown	40.8	40.2	40.3	40.6	-	4.2	4.3	4.0	4.0	-
3221	Glass containers	41.4	40.3	41.2	41.2	-	4.7	4.7	4.8	4.5	-
3229	Pressed and blown glass, nec	39.9	40.1	38.9	39.6	-	3.5	3.7	2.7	3.1	-
323	Products of purchased glass	40.2	39.5	40.1	40.5	-	3.2	3.1	2.9	2.9	-
324	Cement, hydraulic	41.1	42.3	41.3	41.2	-	3.1	3.3	2.5	2.5	-
325	Structural clay products	40.6	40.2	40.1	39.5	-	3.0	3.1	2.4	2.4	-
326	Pottery and related products	39.1	38.5	38.6	38.9	-	1.8	1.6	1.7	1.6	-
327	Concrete, gypsum, and plaster products	42.0	42.2	41.1	42.0	-	5.3	5.4	4.8	5.3	-
3271	Concrete block and brick	42.1	42.5	42.5	43.6	-	4.8	5.0	4.9	5.4	-
3272	Concrete products, nec	42.3	42.6	41.6	42.2	-	4.8	4.8	4.4	4.7	-
3273	Ready-mixed concrete	41.2	41.3	40.1	41.2	-	5.6	5.6	5.1	5.7	-
329	Misc. nonmetallic mineral products	41.3	40.7	39.6	39.8	-	3.6	3.6	2.9	2.6	-
3291	Abrasive products	40.6	39.9	38.1	38.0	-	3.1	2.7	1.4	1.2	-
3292	Asbestos products	42.3	41.2	38.9	39.2	-	3.6	3.4	1.9	2.0	-
33	PRIMARY METAL INDUSTRIES	40.9	40.3	38.3	38.9	38.5	3.3	3.1	1.9	2.1	-
331	Blast furnace and basic steel products	40.8	40.2	37.3	38.2	-	3.0	2.8	1.2	1.4	-
3312	Blast furnaces and steel mills	40.5	40.0	36.9	37.9	-	2.8	2.7	1.2	1.4	-
3317	Steel pipe and tubes	41.9	41.0	38.6	39.4	-	4.4	4.2	1.7	1.6	-
332	Iron and steel foundries	39.9	39.3	37.1	37.6	-	3.2	2.8	1.9	2.1	-
3321	Gray iron foundries	40.0	39.3	37.1	37.7	-	3.6	3.2	2.2	2.4	-
3322	Malleable iron foundries	39.2	38.4	37.6	37.0	-	2.6	2.4	1.9	2.0	-
3325	Steel foundries, nec	40.2	39.6	36.7	37.4	-	2.6	2.2	1.3	1.3	-
333	Primary nonferrous metals	41.3	41.9	40.4	40.5	-	3.3	3.6	2.5	3.0	-
3334	Primary aluminum	41.0	41.5	40.6	40.5	-	3.5	3.8	3.1	3.7	-
335	Nonferrous rolling and drawing	42.3	41.6	40.2	40.8	-	4.7	4.3	2.9	3.2	-
3351	Copper rolling and drawing	42.7	41.5	39.7	39.7	-	4.9	4.5	2.8	2.7	-
3353	Aluminum sheet, plate and foil	42.9	42.4	41.1	40.9	-	6.0	5.5	4.4	4.4	-
3357	Nonferrous wire drawing and insulating	41.8	41.8	40.0	40.7	-	4.7	4.4	2.7	3.3	-
336	Nonferrous foundries	40.6	39.4	39.3	39.5	-	2.7	2.3	1.9	2.0	-
3361	Aluminum foundries	40.5	39.6	39.3	40.0	-	2.9	2.8	1.9	2.0	-
34	FABRICATED METAL PRODUCTS	40.8	39.9	39.4	39.6	38.9	3.1	2.7	2.1	2.2	-
341	Metal cans and shipping containers	43.9	43.9	43.1	43.5	-	4.9	4.7	4.0	4.6	-
3411	Metal cans	44.1	44.3	43.3	43.9	-	4.7	4.6	4.0	4.6	-
342	Cutlery, hand tools, and hardware	39.9	39.5	38.6	38.8	-	2.6	2.0	1.4	1.4	-
3423, 5	Hand and edge tools, and hand saws and blades	40.2	39.0	37.6	37.6	-	2.5	2.2	1.0	.8	-
3429	Hardware, nec	39.7	39.1	39.0	39.3	-	2.8	2.0	1.6	1.7	-
343	Plumbing and heating, except electric	39.6	38.6	38.1	38.3	-	2.2	1.7	1.2	1.1	-
3432	Plumbing fittings and brass goods	40.4	39.7	38.2	38.0	-	2.7	2.2	1.5	1.0	-
3433	Heating equipment, except electric	39.2	37.6	38.4	38.8	-	1.6	1.3	.9	1.2	-
344	Fabricated structural metal products	40.2	40.0	39.3	39.6	-	2.7	2.6	2.0	2.2	-
3441	Fabricated structural metal	41.0	41.0	40.0	40.4	-	2.9	3.1	2.4	2.6	-
3442	Metal doors, sash, and trim	39.5	39.1	39.3	39.4	-	2.2	2.2	1.9	2.3	-
3443	Fabricated plate work (boiler shops)	40.7	40.4	39.4	39.9	-	3.0	2.9	1.9	2.2	-
3444	Sheet metal work	39.4	39.1	38.5	38.7	-	2.4	2.3	1.8	1.9	-
3446	Architectural metal work	39.9	39.9	39.2	38.7	-	2.2	1.8	1.7	1.5	-
345	Screw machine products, bolts, etc	41.0	40.3	39.0	39.0	-	3.1	2.7	1.6	1.6	-
3451	Screw machine products	40.2	39.8	38.9	38.7	-	2.9	2.6	1.7	1.7	-
3452	Bolts, nuts, rivets, and washers	41.7	40.8	39.1	39.3	-	3.3	2.7	1.5	1.6	-
346	Metal forgings and stampings	41.8	39.9	40.2	40.4	-	4.2	3.1	2.6	2.9	-
3462	Iron and steel forgings	40.7	39.2	38.8	38.9	-	3.4	2.8	1.9	2.3	-
3465	Automotive stampings	43.9	41.1	42.4	42.5	-	5.9	4.0	4.3	4.1	-
3469	Metal stampings, nec	40.3	39.2	38.4	38.8	-	2.8	2.3	1.7	1.9	-
347	Metal services, nec	40.6	40.3	38.8	39.0	-	2.8	2.9	2.2	2.3	-
3471	Plating and polishing	39.7	39.7	38.7	39.0	-	2.9	2.9	2.2	2.2	-
3479	Metal coating and allied services	42.5	41.7	38.9	38.9	-	2.7	2.8	2.2	2.5	-
348	Ordnance and accessories, nec	40.7	39.3	40.6	40.3	-	2.7	2.1	2.3	2.3	-
3483	Ammunition, exc. for small arms, nec	38.9	37.8	40.5	43.0	-	1.8	1.1	1.9	1.8	-
349	Misc. fabricated metal products	40.4	39.0	38.6	38.8	-	2.9	2.5	1.6	1.5	-
3494	Valves and pipe fittings	40.5	38.9	38.6	38.4	-	3.2	2.7	1.5	1.4	-
3496	Misc. fabricated wire products	41.0	39.3	38.5	39.3	-	2.9	2.4	1.5	1.5	-
35	MACHINERY, EXCEPT ELECTRICAL	41.1	40.5	39.7	39.8	39.3	3.4	3.1	2.0	2.1	-
351	Engines and turbines	40.7	40.8	38.8	38.8	-	3.5	3.8	1.2	1.4	-
3511	Turbines and turbine generator sets	40.4	39.0	40.2	40.2	-	3.4	3.1	2.5	2.7	-
3519	Internal combustion engines, nec	40.8	41.5	38.2	38.1	-	3.5	3.8	.6	.6	-
352	Farm and garden machinery	40.4	40.4	39.4	39.6	-	3.4	3.3	1.8	2.2	-
3523	Farm machinery and equipment	40.5	40.5	39.7	39.6	-	3.7	3.7	2.0	2.3	-
353	Construction and related machinery	41.5	40.7	39.7	39.8	-	3.5	3.3	1.6	1.6	-

See footnotes at end of table.

C 2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry – Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		June 1981	July 1981	May 1982	June 1982P	July 1982P	June 1981	July 1981	May 1982	June 1982P	July 1982P
	MACHINERY, EXCEPT ELECTRICAL—Continued										
3531	Construction machinery	$434.00	$428.76	$446.88	$429.62	-	$10.85	$10.91	$11.40	$11.13	-
3532	Mining machinery	384.56	374.23	396.92	397.06	-	9.59	9.67	10.23	10.38	-
3533	Oil field machinery	404.10	402.19	400.98	414.66	-	9.00	9.12	9.78	9.92	-
3535	Conveyors and conveying equipment	332.59	340.95	342.86	338.12	-	8.42	8.72	8.68	8.56	-
3537	Industrial trucks and tractors	320.10	314.88	329.12	332.89	-	8.25	8.20	8.80	8.83	-
354	Metalworking machinery	374.17	364.08	375.25	379.14	-	8.93	8.88	9.50	9.55	-
3541	Machine tools, metal cutting types	382.69	376.24	377.33	378.87	-	9.09	9.11	9.70	9.79	-
3542	Machine tools, metal forming types	366.03	348.55	372.63	377.75	-	9.22	9.27	9.99	10.02	-
3544	Special dies, tools, jigs, and fixtures	404.89	390.21	407.81	416.37	-	9.46	9.38	10.02	10.05	-
3545	Machine tool accessories	336.19	328.45	333.03	325.99	-	8.16	8.07	8.65	8.67	-
3546	Power driven hand tools	280.91	282.63	294.88	296.43	-	7.24	7.21	7.76	7.76	-
355	Special industry machinery	334.55	330.86	350.95	356.40	-	8.14	8.21	8.88	8.91	-
3551	Food products machinery	348.35	349.00	373.52	368.00	-	8.58	8.66	9.20	9.20	-
3552	Textile machinery	272.24	260.08	271.49	274.70	-	6.64	6.55	7.07	7.08	-
3555	Printing trades machinery	351.86	352.37	358.93	380.42	-	8.26	8.43	9.11	9.37	-
356	General industrial machinery	355.42	352.00	358.94	358.80	-	8.69	8.80	9.18	9.20	-
3561	Pumps and pumping equipment	354.97	337.18	367.26	367.61	-	8.83	8.92	9.49	9.45	-
3562	Ball and roller bearings	364.17	364.27	347.91	358.60	-	8.65	8.82	8.99	9.01	-
3563	Air and gas compressors	387.66	385.56	403.79	393.61	-	9.23	9.19	9.97	9.99	-
3564	Blowers and fans	318.33	316.40	341.90	344.35	-	7.86	7.99	8.38	8.44	-
3566	Speed changers, drives, and gears	406.39	395.20	370.36	357.83	-	9.63	9.71	9.67	9.75	-
3568	Power transmission equipment, nec	384.45	387.36	329.12	326.50	-	8.30	8.31	8.73	8.73	-
357	Office and computing machines	305.78	300.92	321.40	324.66	-	7.44	7.43	7.82	7.88	-
3573	Electronic computing equipment	303.73	300.37	321.63	324.06	-	7.39	7.38	7.75	7.79	-
358	Refrigeration and service machinery	320.78	316.01	338.80	346.40	-	7.94	7.96	8.47	8.66	-
3585	Refrigeration and heating equipment	332.93	327.23	347.53	363.29	-	8.14	8.14	8.71	8.99	-
359	Misc. machinery, except electrical	346.01	343.40	349.55	353.53	-	8.46	8.50	8.94	8.95	-
3592	Carburetors, pistons, rings, valves	412.68	398.40	401.31	430.44	-	10.09	10.01	10.29	10.55	-
3599	Machinery, except electrical, nec	335.38	338.99	341.34	341.91	-	8.20	8.27	8.73	8.70	-
36	ELECTRIC AND ELECTRONIC EQUIPMENT	303.91	303.71	315.56	320.35	$319.45	7.56	7.65	8.05	8.11	$8.17
361	Electric distributing equipment	300.00	304.07	301.02	307.28	-	7.50	7.64	7.88	7.94	-
3612	Transformers	294.44	305.93	300.31	306.15	-	7.27	7.48	7.74	7.85	-
3613	Switchgear and switchboard apparatus	304.52	302.25	302.02	308.39	-	7.69	7.77	7.99	8.01	-
362	Electrical industrial apparatus	320.17	318.71	319.82	318.50	-	7.79	7.85	8.23	8.23	-
3621	Motors and generators	319.02	319.46	328.32	328.32	-	7.80	7.83	8.27	8.27	-
3622	Industrial controls	303.91	303.76	295.13	295.50	-	7.56	7.69	7.87	7.88	-
363	Household appliances	297.92	300.31	295.42	308.85	-	7.60	7.72	7.92	7.96	-
3632	Household refrigerators and freezers	341.73	362.07	332.88	365.74	-	8.74	8.94	9.12	9.20	-
3633	Household laundry equipment	348.93	352.69	357.58	360.02	-	8.97	9.09	9.51	9.40	-
3634	Electric housewares and fans	231.08	227.46	230.76	235.22	-	5.91	5.97	6.17	6.19	-
364	Electric lighting and wiring equipment	281.60	283.06	302.99	294.53	-	7.04	7.13	7.69	7.70	-
3641	Electric lamps	314.77	329.64	336.44	331.57	-	7.83	8.04	8.39	8.48	-
3643	Current carrying wiring devices	266.90	271.08	285.12	282.57	-	6.59	6.71	7.20	7.19	-
3644	Noncurrent carrying wiring devices	301.39	295.20	292.18	286.75	-	7.28	7.38	7.75	7.75	-
3645	Residential lighting fixtures	217.14	208.88	230.11	232.56	-	5.64	5.60	6.12	6.12	-
365	Radio and TV receiving equipment	281.00	283.68	293.25	313.18	-	7.15	7.20	7.50	7.81	-
3651	Radio and TV receiving sets	288.99	289.77	297.99	324.41	-	7.41	7.43	7.70	8.03	-
366	Communication equipment	347.54	348.60	374.66	381.24	-	8.56	8.65	9.39	9.46	-
3661	Telephone and telegraph apparatus	359.10	358.97	373.18	381.68	-	8.78	8.82	9.52	9.59	-
3662	Radio and TV communication equipment	340.17	342.86	375.19	381.23	-	8.42	8.55	9.31	9.39	-
367	Electronic components and accessories	265.86	257.24	278.48	282.27	-	6.63	6.63	7.05	7.11	-
3671,3	Electronic tubes	335.36	332.29	361.34	367.92	-	8.26	8.37	8.90	8.93	-
3674	Semiconductors and related devices	313.59	287.25	318.40	323.19	-	7.63	7.50	8.00	8.12	-
3679	Electronic components, nec	244.77	245.46	262.68	264.19	-	6.15	6.23	6.60	6.62	-
369	Misc. electrical equipment and supplies	346.72	348.33	347.27	345.86	-	8.54	8.73	8.66	8.69	-
3691	Storage batteries	338.04	335.29	354.76	357.50	-	8.43	8.51	9.05	9.12	-
3694	Engine electrical equipment	393.56	397.37	365.04	363.63	-	9.79	10.06	9.36	9.30	-
37	TRANSPORTATION EQUIPMENT	432.63	425.95	455.39	465.92	455.84	10.45	10.44	11.08	11.20	11.20
371	Motor vehicles and equipment	469.56	459.67	487.47	509.22	-	11.14	11.13	11.69	11.87	-
3711	Motor vehicles and car bodies	522.86	517.07	555.86	574.99	-	12.34	12.37	13.11	13.31	-
3713	Truck and bus bodies	364.10	349.92	364.91	387.29	-	8.99	8.77	9.10	9.40	-
3714	Motor vehicle parts and accessories	446.69	434.46	458.02	483.58	-	10.56	10.52	11.01	11.22	-
3715	Truck trailers	280.10	273.40	297.83	331.34	-	7.41	7.47	7.90	7.93	-
372	Aircraft and parts	421.67	416.95	451.13	454.40	-	10.21	10.27	11.03	11.11	-
3721	Aircraft	437.78	435.34	473.43	472.72	-	10.60	10.67	11.66	11.73	-
3724	Aircraft engines and engine parts	412.60	411.36	440.36	449.21	-	10.32	10.44	10.90	11.01	-
3728	Aircraft equipment, nec	397.03	385.43	422.26	424.62	-	9.32	9.31	10.03	10.11	-
373	Ship and boat building and repairing	353.20	359.39	386.16	379.93	-	8.83	8.94	9.63	9.57	-
3731	Shipbuilding and repairing	366.68	375.87	407.64	-	-	9.19	9.35	10.09	-	-
3732	Boat building and repairing	302.25	299.83	302.25	306.54	-	7.50	7.44	7.77	7.80	-
374	Railroad equipment	419.82	426.73	432.43	429.39	-	10.82	10.97	11.44	11.42	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry – Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		June 1981	July 1981	May 1982	June 1982P	July 1982P	June 1981	July 1981	May 1982	June 1982P	July 1982P
	MACHINERY, EXCEPT ELECTRICAL—Continued										
3531	Construction machinery	40.0	39.3	39.2	38.6	-	1.8	1.6	0.7	0.9	-
3532	Mining machinery	40.1	38.7	38.8	38.4	-	2.1	2.1	1.0	.9	-
3533	Oil field machinery	44.9	44.1	41.0	41.8	-	6.3	6.0	2.5	2.3	-
3535	Conveyors and conveying equipment	39.5	39.1	39.5	39.5	-	2.9	3.0	2.2	1.8	-
3537	Industrial trucks and tractors	38.8	38.4	37.4	37.7	-	2.7	2.5	1.3	.9	-
354	Metalworking machinery	41.9	41.0	39.5	39.7	-	4.2	3.7	2.5	2.7	-
3541	Machine tools, metal cutting types	42.1	41.3	38.9	38.7	-	4.8	4.0	1.7	1.9	-
3542	Machine tools, metal forming types	39.7	37.6	37.3	37.7	-	2.7	2.0	1.3	1.4	-
3544	Special dies, tools, jigs, and fixtures	42.8	41.6	40.7	41.4	-	5.0	4.6	4.0	4.1	-
3545	Machine tool accessories	41.2	40.7	38.5	37.6	-	3.4	3.0	1.2	1.2	-
3546	Power driven hand tools	38.8	39.2	38.0	38.2	-	2.1	2.0	1.3	1.1	-
355	Special industry machinery	41.1	40.3	39.7	40.0	-	2.8	2.7	2.1	2.3	-
3551	Food products machinery	40.6	40.3	40.6	40.0	-	2.2	1.9	2.3	2.1	-
3552	Textile machinery	41.0	39.7	38.4	38.8	-	2.2	1.8	.9	1.1	-
3555	Printing trades machinery	42.6	41.8	39.4	40.6	-	3.7	3.7	2.5	2.7	-
356	General industrial machinery	40.9	40.0	39.1	39.0	-	3.2	2.8	1.6	1.7	-
3561	Pumps and pumping equipment	40.2	37.8	38.7	38.9	-	3.0	2.2	1.4	1.4	-
3562	Ball and roller bearings	42.1	41.3	38.7	39.8	-	3.6	3.5	1.6	1.6	-
3563	Air and gas compressors	42.0	42.0	40.5	39.1	-	3.3	2.9	2.6	2.3	-
3564	Blowers and fans	40.5	39.6	40.8	40.8	-	3.2	3.0	2.1	2.5	-
3566	Speed changers, drives, and gears	42.2	40.7	38.3	38.7	-	4.4	3.7	1.1	.9	-
3568	Power transmission equipment, nec	41.5	41.8	37.7	37.4	-	4.1	3.5	1.0	1.1	-
357	Office and computing machines	41.1	40.5	41.1	41.2	-	2.6	2.2	2.2	2.2	-
3573	Electronic computing equipment	41.1	40.7	41.5	41.6	-	2.7	2.4	2.4	2.5	-
358	Refrigeration and service machinery	40.4	39.7	40.0	40.0	-	2.7	2.4	2.0	2.4	-
3585	Refrigeration and heating equipment	40.9	40.2	39.9	40.4	-	2.8	2.5	1.7	2.6	-
359	Misc. machinery, except electrical	40.9	40.4	39.1	39.5	-	3.9	3.6	2.5	2.5	-
3592	Carburetors, pistons, rings, valves	40.9	39.8	39.0	40.8	-	3.3	3.0	1.7	2.6	-
3599	Machinery, except electrical, nec	40.9	40.5	39.1	39.3	-	4.0	3.6	2.6	2.5	-
36	ELECTRIC AND ELECTRONIC EQUIPMENT	40.2	39.7	39.2	39.5	39.1	2.3	2.1	1.7	1.9	-
361	Electric distributing equipment	40.0	39.8	38.2	38.7	-	2.7	2.7	1.5	1.7	-
3612	Transformers	40.5	40.9	38.8	39.0	-	2.6	3.4	1.6	2.1	-
3613	Switchgear and switchboard apparatus	39.6	38.9	37.8	38.5	-	2.8	2.2	1.3	1.3	-
362	Electrical industrial apparatus	41.1	40.6	38.8	38.7	-	2.9	2.8	1.6	1.7	-
3621	Motors and generators	40.9	40.8	39.7	39.7	-	3.0	2.9	1.8	1.9	-
3622	Industrial controls	40.2	39.5	37.5	37.5	-	2.3	2.4	1.0	1.3	-
363	Household appliances	39.2	38.9	37.3	38.8	-	1.8	1.8	1.1	1.4	-
3632	Household refrigerators and freezers	39.1	40.5	36.5	39.7	-	1.5	2.7	1.0	1.6	-
3633	Household laundry equipment	38.9	38.8	37.6	38.3	-	1.1	1.1	.4	.6	-
3634	Electric housewares and fans	39.1	38.1	37.4	38.0	-	1.8	1.5	.9	1.2	-
364	Electric lighting and wiring equipment	40.0	39.7	39.4	38.9	-	2.4	2.0	1.7	1.5	-
3641	Electric lamps	40.2	41.0	40.1	39.1	-	2.2	1.6	1.5	1.4	-
3643	Current carrying wiring devices	40.5	40.4	39.6	39.3	-	2.8	2.5	1.8	1.7	-
3644	Noncurrent carrying wiring devices	41.4	40.0	37.7	37.0	-	2.8	2.1	.9	1.1	-
3645	Residential lighting fixtures	38.5	37.3	37.6	38.0	-	1.5	.9	1.0	.9	-
365	Radio and TV receiving equipment	39.3	39.4	39.1	40.1	-	1.5	1.7	1.2	1.9	-
3651	Radio and TV receiving sets	39.0	39.0	38.7	40.4	-	1.7	1.8	1.2	2.1	-
366	Communication equipment	40.6	40.3	39.9	40.3	-	2.2	2.1	1.8	2.0	-
3661	Telephone and telegraph apparatus	40.9	40.7	39.2	39.8	-	2.1	2.2	1.2	1.6	-
3662	Radio and TV communication equipment	40.4	40.1	40.3	40.6	-	2.2	2.0	2.1	2.2	-
367	Electronic components and accessories	40.1	38.8	39.5	39.7	-	2.3	2.0	2.1	2.2	-
3671,3	Electronic tubes	40.6	39.7	40.6	41.2	-	1.9	1.7	1.7	2.1	-
3674	Semiconductors and related devices	41.1	38.3	39.3	39.8	-	2.5	1.7	2.3	2.4	-
3679	Electronic components, nec	39.8	39.4	39.8	39.9	-	2.4	2.4	2.2	2.2	-
369	Misc. electrical equipment and supplies	40.6	39.9	40.1	39.8	-	2.4	2.1	1.9	1.9	-
3691	Storage batteries	40.1	39.4	39.2	39.2	-	2.0	2.1	1.4	1.7	-
3694	Engine electrical equipment	40.2	39.5	39.0	39.1	-	2.1	2.3	1.9	1.9	-
37	TRANSPORTATION EQUIPMENT	41.4	40.8	41.1	41.6	40.7	3.6	3.5	3.0	3.3	-
371	Motor vehicles and equipment	42.0	41.3	41.7	42.9	-	4.0	3.7	3.4	4.0	-
3711	Motor vehicles and car bodies	42.2	41.8	42.4	43.2	-	4.1	4.1	3.6	3.8	-
3713	Truck and bus bodies	40.5	39.9	40.1	41.2	-	3.4	2.9	1.8	2.9	-
3714	Motor vehicle parts and accessories	42.3	41.3	41.6	43.1	-	4.1	3.6	3.5	4.5	-
3715	Truck trailers	37.8	36.6	37.7	38.0	-	1.6	1.4	.7	1.0	-
372	Aircraft and parts	41.3	40.6	40.9	40.9	-	3.5	3.3	2.8	3.0	-
3721	Aircraft	41.3	40.8	40.6	40.3	-	3.2	2.9	2.3	2.4	-
3724	Aircraft engines and engine parts	40.0	39.4	40.4	40.8	-	3.3	3.2	3.0	3.5	-
3728	Aircraft equipment, nec	42.6	41.4	42.1	42.0	-	4.4	4.1	3.4	3.5	-
373	Ship and boat building and repairing	40.0	40.2	40.1	39.7	-	3.3	3.6	2.5	2.4	-
3731	Ship building and repairing	39.9	40.2	40.4	–	-	3.2	3.6	2.8	–	-
3732	Boat building and repairing	40.3	40.3	38.9	39.3	-	3.6	3.7	1.5	1.7	-
374	Railroad equipment	38.8	38.9	37.8	37.6	-	2.4	2.2	1.5	1.2	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		June 1981	July 1981	May 1982	June 1982P	July 1982P	June 1981	July 1981	May 1982	June 1982P	July 1982P
	TRANSPORTATION EQUIPMENT—Continued										
376	Guided missiles, space vehicles, parts	$413.25	$406.00	$438.62	$438.74	-	$9.91	$10.00	$10.83	$10.86	-
3761	Guided missiles and space vehicles	422.69	415.67	449.96	449.15	-	10.21	10.34	11.11	11.09	-
379	Miscellaneous transportation equipment	299.25	300.93	361.68	359.16	-	7.50	7.58	8.80	8.76	-
3792	Travel trailers and campers	256.23	264.32	300.30	297.11	-	6.69	6.76	7.70	7.56	-
38	INSTRUMENTS AND RELATED PRODUCTS	296.13	296.46	327.22	330.44	$325.44	7.33	7.43	8.16	8.22	$8.26
381	Engineering and scientific instruments	317.24	322.29	332.83	340.20	-	7.70	7.88	8.30	8.40	-
382	Measuring and controlling devices	291.77	292.40	335.24	335.20	-	7.24	7.31	8.36	8.38	-
3822	Environmental controls	272.53	272.13	292.57	289.56	-	6.97	7.05	7.56	7.58	-
3823	Process control instruments	310.86	315.13	331.70	331.30	-	7.28	7.38	8.11	8.16	-
3825	Instruments to measure electricity	294.23	292.82	374.03	372.20	-	7.43	7.47	9.19	9.19	-
383	Optical instruments and lenses	311.69	322.40	334.87	345.20	-	7.72	8.06	8.33	8.44	-
384	Medical instruments and supplies	253.76	252.70	272.74	277.11	-	6.36	6.43	6.94	6.98	-
3841	Surgical and medical instruments	253.53	252.41	278.19	282.61	-	6.26	6.39	7.03	7.03	-
3842	Surgical appliances and supplies	254.63	254.27	269.70	270.22	-	6.43	6.47	6.88	6.96	-
385	Ophthalmic goods	223.20	221.99	234.21	237.80	-	5.58	5.62	5.99	5.99	-
386	Photographic equipment and supplies	396.76	392.85	433.46	437.37	-	9.63	9.70	10.47	10.59	-
387	Watches, clocks, and watchbands	225.19	221.56	243.43	243.97	-	5.73	5.80	6.21	6.13	-
39	MISCELLANEOUS MANUFACTURING INDUSTRIES	230.88	229.85	245.63	246.79	244.22	5.92	5.97	6.38	6.41	6.41
391	Jewelry, silverware, and plated ware	243.21	241.16	258.25	256.73	-	6.35	6.38	6.85	6.92	-
3911	Jewelry, precious metal	238.99	235.06	254.19	254.10	-	6.39	6.44	6.87	7.00	-
393	Musical instruments	220.98	223.67	240.66	244.09	-	5.80	5.84	6.30	6.34	-
394	Toys and sporting goods	217.40	215.51	233.40	234.99	-	5.49	5.54	6.00	6.01	-
3942, 4	Dolls, games, toys, and children's vehicles	205.92	201.40	216.03	220.00	-	5.28	5.30	5.70	5.67	-
3949	Sporting and athletic goods, nec	228.57	231.60	248.75	249.40	-	5.70	5.79	6.25	6.33	-
395	Pens, pencils, office and art supplies	242.61	243.58	260.43	266.93	-	6.05	6.12	6.61	6.64	-
396	Costume jewelry and notions	198.39	192.51	208.29	211.14	-	5.10	5.12	5.41	5.47	-
3961	Costume jewelry	181.74	177.14	197.06	200.58	-	4.77	4.84	5.04	5.13	-
399	Miscellaneous manufactures	248.97	248.30	260.82	261.67	-	6.45	6.50	6.81	6.85	-
3993	Signs and advertising displays	267.80	264.34	281.18	280.48	-	6.92	6.92	7.38	7.42	-
	NONDURABLE GOODS										
20	FOOD AND KINDRED PRODUCTS	294.18	295.02	312.05	312.45	313.24	7.41	7.45	7.92	7.91	7.91
201	Meat products	289.54	288.25	297.97	298.31	-	7.33	7.41	7.66	7.61	-
2011	Meat packing plants	360.33	357.30	367.13	371.59	-	8.81	9.00	9.11	9.13	-
2013	Sausages and other prepared meats	344.52	349.27	366.51	364.29	-	8.70	8.82	9.14	9.13	-
2016	Poultry dressing plants	182.30	184.30	188.42	187.82	-	4.81	4.85	5.12	5.09	-
202	Dairy products	310.01	313.17	329.60	336.10	-	7.47	7.51	8.00	8.06	-
2022	Cheese, natural and processed	289.67	286.31	299.77	308.66	-	7.17	7.14	7.57	7.64	-
2026	Fluid milk	323.59	330.00	344.45	352.38	-	7.76	7.82	8.32	8.39	-
203	Preserved fruits and vegetables	245.86	248.62	269.43	265.24	-	6.47	6.56	6.98	6.98	-
2032	Canned specialties	276.10	292.73	313.62	328.05	-	7.19	7.21	7.96	8.10	-
2033	Canned fruits and vegetables	259.88	250.79	273.94	262.70	-	6.75	6.67	7.19	7.10	-
2037	Frozen fruits and vegetables	214.62	229.85	254.78	243.85	-	6.08	6.28	6.45	6.52	-
204	Grain mill products	351.45	353.15	367.98	373.43	-	8.25	8.29	8.91	8.87	-
2041	Flour and other grain mill products	373.46	371.54	378.86	375.40	-	8.19	8.22	8.77	8.71	-
2048	Prepared feeds, nec	280.36	285.78	292.70	304.33	-	6.52	6.60	7.07	6.98	-
205	Bakery products	301.86	303.01	315.47	319.28	-	7.80	7.85	8.28	8.38	-
2051	Bread, cake, and related products	304.92	306.43	317.60	322.43	-	7.92	7.98	8.38	8.53	-
2052	Cookies and crackers	295.81	292.04	308.44	308.07	-	7.47	7.45	7.97	7.94	-
206	Sugar and confectionery products	293.53	294.12	308.90	312.05	-	7.32	7.39	7.86	7.92	-
2061, 3	Cane and beet sugar	372.38	379.73	368.80	373.18	-	8.64	8.79	9.22	9.26	-
2065	Confectionery products	248.20	244.72	264.96	267.58	-	6.43	6.44	6.90	6.95	-
207	Fats and oils	334.19	334.05	343.78	352.59	-	7.79	7.86	8.07	8.05	-
208	Beverages	366.27	376.20	393.01	397.44	-	8.89	9.00	9.68	9.67	-
2082	Malt beverages	513.25	539.97	566.80	573.78	-	12.02	12.30	13.06	13.16	-
2086	Bottled and canned soft drinks	278.66	284.13	289.41	296.46	-	6.78	6.83	7.29	7.32	-
209	Misc. foods and kindred products	243.32	246.65	264.80	258.00	-	6.42	6.44	6.95	6.88	-
21	TOBACCO MANUFACTURES	359.98	365.16	369.40	397.94	387.92	9.35	9.46	9.93	10.39	10.57
211	Cigarettes	416.23	423.84	422.59	452.35	-	10.70	10.84	11.36	11.78	-
22	TEXTILE MILL PRODUCTS	216.56	217.80	219.44	221.56	218.46	5.41	5.50	5.79	5.80	5.81
221	Weaving mills, cotton	224.66	228.50	228.91	224.03	-	5.52	5.67	5.95	5.99	-
222	Weaving mills, synthetics	236.02	241.86	230.96	229.74	-	5.66	5.80	6.11	6.11	-
223	Weaving and finishing mills, wool	234.89	228.90	239.90	249.86	-	5.66	5.68	6.12	6.20	-
224	Narrow fabric mills	201.78	196.28	210.75	215.21	-	4.97	5.02	5.39	5.49	-
225	Knitting mills	196.09	193.16	198.69	199.56	-	5.08	5.11	5.37	5.35	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		June 1981	July 1981	May 1982	June 1982P	July 1982P	June 1981	July 1981	May 1982	June 1982P	July 1982P
	TRANSPORTATION EQUIPMENT—Continued										
376	Guided missiles, space vehicles, parts	41.7	40.6	40.5	40.4	-	3.2	3.5	3.0	2.8	-
3761	Guided missiles and space vehicles	41.4	40.2	40.5	40.5	-	2.8	3.5	2.9	2.7	-
379	Miscellaneous transportation equipment	39.9	39.7	41.1	41.0	-	1.8	1.9	3.3	3.3	-
3792	Travel trailers and campers	38.3	39.1	39.0	39.3	-	1.4	2.1	1.9	1.8	-
38	**INSTRUMENTS AND RELATED PRODUCTS**	40.4	39.9	40.1	40.2	39.9	2.3	2.0	1.6	1.6	-
381	Engineering and scientific instruments	41.2	40.9	40.1	40.5	-	2.9	3.0	2.0	1.9	-
382	Measuring and controlling devices	40.3	40.0	40.1	40.0	-	2.1	1.9	1.2	1.1	-
3822	Environmental controls	39.1	38.6	38.7	38.2	-	1.6	1.6	.8	.7	-
3823	Process control instruments	42.7	42.7	40.9	40.6	-	3.0	2.7	1.6	1.3	-
3825	Instruments to measure electricity	39.6	39.2	40.7	40.5	-	1.8	1.5	1.1	1.0	-
383	Optical instruments and lenses	40.4	40.0	40.2	40.9	-	3.0	2.8	2.0	2.1	-
384	Medical instruments and supplies	39.9	39.3	39.3	39.7	-	2.3	2.0	1.7	2.2	-
3841	Surgical and medical instruments	40.5	39.5	39.6	40.2	-	2.6	2.0	2.0	2.7	-
3842	Surgical appliances and supplies	39.6	39.3	39.2	39.4	-	2.2	2.1	1.5	1.9	-
385	Ophthalmic goods	40.0	39.5	39.1	39.7	-	1.6	1.3	1.3	1.3	-
386	Photographic equipment and supplies	41.2	40.5	41.4	41.3	-	2.6	2.1	2.2	1.9	-
387	Watches, clocks, and watchcases	39.3	38.2	39.2	39.8	-	1.2	1.3	1.5	1.5	-
39	**MISCELLANEOUS MANUFACTURING INDUSTRIES**	39.0	38.5	38.5	38.5	38.1	1.9	1.5	1.6	1.5	-
391	Jewelry, silverware, and plated ware	38.3	37.8	37.7	37.1	-	1.8	1.0	1.2	1.1	-
3911	Jewelry, precious metal	37.4	36.5	37.0	36.3	-	1.7	.8	1.1	1.1	-
393	Musical instruments	38.1	38.3	38.2	38.5	-	.8	.6	1.0	.9	-
394	Toys and sporting goods	39.6	38.9	38.9	39.1	-	2.2	1.8	1.5	1.5	-
3942, 6	Dolls, games, toys, and children's vehicles	39.0	38.0	37.9	38.8	-	1.8	1.4	1.1	1.2	-
3949	Sporting and athletic goods, nec	40.1	40.0	39.8	39.4	-	2.5	2.2	1.8	1.8	-
395	Pens, pencils, office and art supplies	40.1	39.8	39.4	40.2	-	2.3	2.0	1.7	1.8	-
396	Costume jewelry and notions	38.9	37.6	38.5	38.6	-	2.1	1.0	2.3	2.3	-
3961	Costume jewelry	38.1	36.6	39.1	39.1	-	1.7	.7	2.9	2.9	-
399	Miscellaneous manufactures	38.6	38.2	38.3	38.2	-	1.7	1.8	1.6	1.5	-
3993	Signs and advertising displays	38.7	38.2	38.1	37.8	-	1.8	2.1	2.1	1.9	-
	NONDURABLE GOODS										
20	**FOOD AND KINDRED PRODUCTS**	39.7	39.6	39.4	39.5	39.6	3.6	3.7	3.3	3.3	-
201	Meat products	39.5	38.9	38.9	39.2	-	3.5	3.1	3.2	3.2	-
2011	Meat packing plants	40.9	39.7	40.3	40.7	-	4.0	3.3	3.7	4.0	-
2013	Sausages and other prepared meats	39.6	39.6	40.1	39.9	-	3.3	3.5	3.8	3.4	-
2016	Poultry dressing plants	37.9	38.0	36.8	36.9	-	2.9	2.7	2.3	2.2	-
202	Dairy products	41.5	41.7	41.2	41.7	-	4.0	4.1	4.0	4.2	-
2022	Cheese, natural and processed	40.4	40.1	39.6	40.4	-	3.6	3.2	3.4	3.4	-
2026	Fluid milk	41.7	42.2	41.4	42.0	-	4.3	4.6	4.0	4.3	-
203	Preserved fruits and vegetables	38.0	37.9	38.6	38.0	-	2.9	3.4	2.6	2.4	-
2032	Canned specialties	38.4	40.6	39.4	40.5	-	3.0	2.9	1.8	2.8	-
2033	Canned fruits and vegetables	38.5	37.6	38.1	37.0	-	2.8	3.6	2.6	2.4	-
2037	Frozen fruits and vegetables	35.3	36.6	39.5	37.4	-	3.1	3.3	3.5	2.3	-
204	Grain mill products	42.6	42.6	41.3	42.1	-	5.3	5.5	4.5	4.7	-
2041	Flour and other grain mill products	45.6	45.2	43.2	43.1	-	6.2	6.3	5.1	5.0	-
2048	Prepared feeds, nec	43.0	43.3	41.4	43.6	-	5.9	6.2	4.6	5.7	-
205	Bakery products	38.7	38.6	38.1	38.1	-	3.2	3.3	2.9	2.9	-
2051	Bread, cake, and related products	38.5	38.4	37.9	37.8	-	3.5	3.6	3.3	3.3	-
2052	Cookies and crackers	39.6	39.2	38.7	38.8	-	2.4	2.4	1.8	1.7	-
206	Sugar and confectionery products	40.1	39.8	39.3	39.4	-	2.4	2.6	2.1	2.5	-
2061,3	Cane and beet sugar	43.1	43.2	40.6	40.3	-	3.7	4.4	3.1	3.8	-
2065	Confectionery products	36.6	38.0	38.4	38.5	-	1.8	1.7	1.6	2.0	-
207	Fats and oils	42.9	42.5	42.6	43.8	-	5.4	5.4	4.7	5.4	-
208	Beverages	41.2	41.8	40.6	41.1	-	4.6	5.0	4.2	4.2	-
2082	Malt beverages	42.7	43.9	43.4	43.6	-	6.6	7.3	6.6	6.1	-
2086	Bottled and canned soft drinks	41.1	41.6	39.7	40.5	-	4.5	4.7	3.6	4.0	-
209	Misc. foods and kindred products	37.9	38.3	38.1	37.5	-	3.1	3.4	3.0	2.6	-
21	**TOBACCO MANUFACTURES**	38.5	38.6	37.2	38.3	36.7	1.7	2.1	1.0	1.6	-
211	Cigarettes	38.9	39.1	37.2	38.4	-	1.9	2.4	1.0	1.8	-
22	**TEXTILE MILL PRODUCTS**	40.4	39.6	37.9	38.2	37.6	3.4	3.0	2.1	2.2	-
221	Weaving mills, cotton	40.7	40.3	37.8	37.4	-	3.6	3.5	2.2	2.0	-
222	Weaving mills, synthetics	41.7	41.7	37.8	37.6	-	4.0	3.7	2.0	1.9	-
223	Weaving and finishing mills, wool	41.5	40.3	39.2	40.3	-	3.9	2.9	2.9	3.5	-
224	Narrow fabric mills	40.6	39.1	39.1	39.2	-	2.6	1.8	1.8	2.0	-
225	Knitting mills	38.6	37.8	37.0	37.3	-	2.5	2.1	1.7	1.9	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		June 1981	July 1981	May 1982	June 1982P	July 1982P	June 1981	July 1981	May 1982	June 1982P	July 1982P
	TEXTILE MILL PRODUCTS—Continued										
2251	Women's hosiery, except socks	$182.21	$178.23	$181.92	$184.81	-	$4.77	$4.83	$5.11	$5.13	-
2252	Hosiery, nec	190.00	187.02	184.17	192.32	-	4.81	4.82	5.13	5.17	-
2253	Knit outerwear mills	187.75	187.99	194.93	194.25	-	4.98	5.04	5.24	5.18	-
2254	Knit underwear mills	179.83	175.78	179.89	179.87	-	4.90	4.91	5.14	5.11	-
2257	Circular knit fabric mills	225.79	227.94	233.25	231.43	-	5.76	5.80	5.92	5.98	-
226	Textile finishing, except wool	242.65	233.18	245.60	249.89	-	5.75	5.82	6.14	6.17	-
2261	Finishing plants, cotton	230.21	229.12	257.50	257.51	-	5.81	5.83	6.19	6.22	-
2262	Finishing plants, synthetics	260.61	247.85	240.29	251.02	-	5.95	6.06	6.34	6.42	-
227	Floor covering mills	230.52	222.51	223.94	229.03	-	5.65	5.72	5.94	5.98	-
228	Yarn and thread mills	203.81	205.92	208.92	213.63	-	5.07	5.20	5.45	5.48	-
2281	Yarn mills, except wool	204.12	207.88	209.71	213.37	-	5.07	5.21	5.43	5.45	-
2282	Throwing and winding mills	191.25	190.08	191.30	194.99	-	4.88	4.95	5.27	5.27	-
229	Miscellaneous textile goods	251.87	249.69	257.15	261.95	-	6.09	6.09	6.51	6.50	-
23	APPAREL AND OTHER TEXTILE PRODUCTS	183.41	177.12	180.08	183.89	$182.50	4.97	4.92	5.16	5.18	$5.17
231	Men's and boys' suits and coats	208.66	206.79	206.98	208.74	-	5.67	5.65	5.88	5.88	-
232	Men's and boys' furnishings	167.61	166.05	170.88	174.95	-	4.53	4.50	4.76	4.78	-
2321	Men's and boys' shirts and nightwear	161.85	158.40	166.68	171.31	-	4.41	4.40	4.63	4.63	-
2322	Men's and boys' separate trousers	169.36	169.34	167.08	173.85	-	4.64	4.58	4.80	4.84	-
2329	Men's and boys' work clothing	167.96	168.02	171.55	175.41	-	4.42	4.41	4.70	4.69	-
233	Women's and misses' outerwear	169.79	168.30	165.61	171.01	-	4.95	4.95	5.08	5.12	-
2331	Women's and misses' blouses and waists	159.85	160.65	162.32	166.02	-	4.62	4.67	4.76	4.73	-
2335	Women's and misses' dresses	167.64	165.14	162.13	169.78	-	5.08	5.05	5.18	5.24	-
2337	Women's and misses' suits and coats	191.05	189.89	179.60	187.02	-	5.49	5.52	5.63	5.65	-
2339	Women's and misses' outerwear, nec	167.32	165.55	165.49	168.14	-	4.78	4.73	4.98	4.96	-
234	Women's and children's undergarments	164.86	162.90	160.77	162.17	-	4.48	4.50	4.66	4.66	-
2341	Women's and children's underwear	163.47	161.98	159.73	160.65	-	4.43	4.45	4.59	4.59	-
2342	Brassieres and allied garments	170.03	166.73	165.33	169.51	-	4.71	4.71	5.01	5.06	-
236	Children's outerwear	166.25	162.17	169.45	174.33	-	4.53	4.53	4.72	4.75	-
2361	Children's dresses and blouses	163.26	161.17	169.33	169.67	-	4.51	4.54	4.73	4.70	-
238	Misc. apparel and accessories	183.52	181.02	184.76	186.48	-	4.92	4.84	5.19	5.18	-
239	Misc. fabricated textile products	231.28	218.12	232.41	233.23	-	5.90	5.71	6.10	6.17	-
2391	Curtains and draperies	166.19	160.75	166.19	166.14	-	4.42	4.38	4.68	4.68	-
2392	House furnishings, nec	187.59	186.24	192.00	191.01	-	4.81	4.85	5.12	5.08	-
2396	Automotive and apparel trimmings	417.00	402.21	431.49	445.90	-	10.00	9.81	10.73	10.90	-
26	PAPER AND ALLIED PRODUCTS	364.66	370.15	379.31	389.34	393.86	8.54	8.73	9.14	9.27	9.40
261, 2	Paper and pulp mills	448.10	459.33	467.28	477.16	-	9.98	10.23	10.62	10.82	-
262	Paper mills, except building paper	448.47	463.65	468.42	479.90	-	9.90	10.19	10.55	10.76	-
263	Paperboard mills	440.48	456.57	474.36	478.95	-	10.22	10.52	10.93	10.96	-
264	Misc. converted paper products	310.24	310.13	322.00	332.51	-	7.53	7.62	8.05	8.19	-
2641	Paper coating and glazing	362.06	360.81	383.14	386.88	-	8.42	8.55	9.21	9.30	-
2642	Envelopes	280.19	277.11	296.56	297.79	-	6.97	6.98	7.47	7.52	-
2643	Bags, except textile bags	288.26	290.80	299.41	312.53	-	7.10	7.27	7.58	7.66	-
265	Paperboard containers and boxes	315.75	313.88	323.21	331.70	-	7.50	7.60	8.06	8.13	-
2651	Folding paperboard boxes	326.74	324.73	330.86	339.90	-	7.67	7.75	8.21	8.25	-
2653	Corrugated and solid fiber boxes	329.52	328.38	338.99	349.35	-	7.79	7.95	8.37	8.50	-
2654	Sanitary food containers	306.99	302.87	320.17	317.34	-	7.06	7.06	7.79	7.74	-
27	PRINTING AND PUBLISHING	301.69	305.04	315.99	319.42	321.63	8.11	8.20	8.61	8.68	8.74
271	Newspapers	277.05	278.22	288.97	291.28	-	8.27	8.33	8.81	8.80	-
272	Periodicals	289.10	285.67	324.25	322.59	-	7.73	7.70	8.74	8.79	-
273	Books	284.23	280.49	295.83	289.00	-	7.46	7.56	7.91	8.05	-
2731	Book publishing	266.98	269.35	286.50	282.05	-	7.25	7.26	7.64	7.77	-
2732	Book printing	300.29	293.59	307.05	296.78	-	7.68	7.85	8.21	8.36	-
274	Miscellaneous publishing	258.08	257.40	287.41	300.80	-	7.09	7.15	7.81	8.00	-
275	Commercial printing	328.56	329.56	338.71	341.76	-	8.43	8.56	8.89	8.97	-
2753	Commercial printing, lithographic	301.78	306.32	317.72	320.35	-	7.90	8.04	8.45	8.52	-
2752	Commercial printing, lithographic	333.80	340.17	346.84	350.59	-	8.67	8.79	9.08	9.13	-
276	Manifold business forms	328.45	337.42	336.49	343.57	-	8.09	8.17	8.65	8.72	-
278	Blankbooks and bookbinding	241.81	241.64	253.65	259.18	-	6.30	6.26	6.64	6.68	-
279	Printing trade services	379.64	381.38	394.34	405.21	-	10.07	10.17	10.46	10.58	-
28	CHEMICALS AND ALLIED PRODUCTS	377.31	380.14	401.06	407.95	409.63	9.07	9.16	9.83	9.95	10.34
281	Industrial inorganic chemicals	416.14	426.40	432.95	446.76	-	10.10	10.25	10.77	10.95	-
2819	Industrial inorganic chemicals, nec	416.75	422.71	436.51	448.84	-	10.14	10.26	10.94	11.11	-
282	Plastics materials and synthetics	377.56	382.33	398.88	398.69	-	8.94	9.06	9.70	9.82	-
2821	Plastics materials and resins	423.36	413.28	432.82	440.32	-	9.80	9.84	10.48	10.61	-
2824	Organic fibers, noncellulosic	349.29	368.07	367.75	376.40	-	8.54	8.82	9.31	9.41	-
283	Drugs	336.20	334.54	360.42	369.65	-	8.22	8.24	9.03	9.06	-
2834	Pharmaceutical preparations	339.56	338.03	350.21	352.96	-	7.91	7.93	8.69	8.78	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		June 1981	July 1981	May 1982	June 1982P	July 1982P	June 1981	July 1981	May 1982	June 1982P	July 1982P
	TEXTILE MILL PRODUCTS—Continued										
2251	Women's hosiery, except socks	38.2	36.9	35.6	37.0	-	2.6	2.3	1.6	2.1	-
2252	Hosiery, nec	39.5	38.8	35.9	37.2	-	3.1	2.6	1.3	1.9	-
2253	Knit outerwear mills	37.7	37.3	37.2	37.5	-	2.0	1.8	1.6	1.6	-
2254	Knit underwear mills	36.7	35.8	34.9	35.2	-	1.3	.7	.3	.7	-
2257	Circular knit fabric mills	39.2	39.3	39.4	38.7	-	2.3	2.5	2.6	2.5	-
226	Textile finishing, except wool	42.2	40.1	40.0	40.5	-	4.3	3.2	2.7	2.8	-
2261	Finishing plants, cotton	41.0	39.3	41.6	41.4	-	3.6	2.9	2.8	2.4	-
2262	Finishing plants, synthetics	43.8	40.9	37.9	39.1	-	5.4	3.3	2.8	3.2	-
227	Floor covering mills	40.8	38.9	37.7	38.3	-	4.2	3.7	1.5	1.8	-
228	Yarn and thread mills	40.2	39.6	37.6	38.4	-	3.4	3.2	2.1	2.3	-
2281	Yarn mills, except wool	40.3	39.9	37.7	38.6	-	3.5	3.5	2.4	2.4	-
2282	Throwing and winding mills	39.6	38.4	36.3	37.0	-	3.1	2.5	1.6	1.7	-
229	Miscellaneous textile goods	41.7	41.0	39.5	40.3	-	3.9	3.1	2.6	2.8	-
23	**APPAREL AND OTHER TEXTILE PRODUCTS**	36.3	36.0	34.9	35.5	35.3	1.2	1.0	.9	1.1	-
231	Men's and boys' suits and coats	36.8	36.6	35.2	35.5	-	.9	.6	.7	.9	-
232	Men's and boys' furnishings	37.0	36.9	35.9	36.6	-	1.0	.9	.8	1.0	-
2321	Men's and boys' shirts and nightwear	36.7	36.0	36.0	37.0	-	1.0	.8	.9	1.3	-
2327	Men's and boys' separate trousers	36.5	37.3	34.8	35.3	-	1.1	1.0	.8	.8	-
2328	Men's and boys' work clothing	38.0	38.1	36.5	37.4	-	1.1	1.1	.9	1.3	-
233	Women's and misses' outerwear	34.3	34.0	32.6	33.4	-	1.0	.9	.7	.9	-
2331	Women's and misses' blouses and waists	34.6	34.4	34.1	35.1	-	1.1	.8	.8	1.0	-
2335	Women's and misses' dresses	33.0	32.7	31.3	32.4	-	.8	.9	.4	.7	-
2337	Women's and misses' suits and coats	34.8	34.4	31.9	33.1	-	.9	.9	.6	.6	-
2339	Women's and misses' outerwear, nec	35.3	35.0	33.5	33.9	-	1.2	.9	.8	1.0	-
234	Women's and children's undergarments	36.8	36.2	34.5	34.8	-	1.5	1.3	.7	.9	-
2341	Women's and children's underwear	36.9	36.4	34.8	35.0	-	1.5	1.3	.7	1.0	-
2342	Brassieres and allied garments	36.1	35.4	33.0	33.5	-	1.3	1.1	.6	.5	-
236	Children's outerwear	36.7	35.8	35.9	36.7	-	1.4	1.0	.8	1.3	-
2361	Children's dresses and blouses	36.2	35.5	35.8	36.1	-	1.2	1.1	.9	.9	-
238	Misc. apparel and accessories	37.3	37.4	35.6	36.0	-	1.4	1.4	1.2	.9	-
239	Misc. fabricated textile products	39.2	38.2	38.1	37.8	-	2.2	1.8	1.9	1.9	-
2391	Curtains and draperies	37.6	36.7	35.5	35.5	-	1.3	.6	1.5	1.4	-
2392	House furnishings, nec	39.0	38.4	37.5	37.6	-	2.3	2.0	1.5	1.3	-
2396	Automotive and apparel trimmings	41.7	41.0	40.4	41.0	-	2.8	3.2	3.5	4.1	-
26	**PAPER AND ALLIED PRODUCTS**	42.7	42.4	41.5	42.0	41.9	4.6	4.6	3.7	3.9	-
261, 2, 6	Paper and pulp mills	44.9	44.9	44.0	44.1	-	6.3	6.9	5.6	5.7	-
262	Paper mills, except building paper	45.3	45.5	44.4	44.6	-	6.5	7.2	5.8	5.8	-
263	Paperboard mills	43.1	43.4	43.4	43.7	-	7.3	7.4	6.1	6.3	-
264	Misc. converted paper products	41.2	40.7	40.0	40.6	-	2.9	2.7	2.2	2.5	-
2641	Paper coating and glazing	43.0	42.2	41.6	41.6	-	3.2	3.0	2.2	2.6	-
2642	Envelopes	40.2	39.7	39.7	39.6	-	2.1	1.9	1.9	1.8	-
2643	Bags, except textile bags	40.6	40.0	39.5	40.8	-	2.7	2.5	2.2	2.6	-
265	Paperboard containers and boxes	42.1	41.3	40.1	40.8	-	3.6	3.4	2.6	2.9	-
2651	Folding paperboard boxes	42.6	41.9	40.3	41.2	-	4.2	3.9	2.6	2.8	-
2653	Corrugated and solid fiber boxes	42.3	41.3	40.5	41.1	-	3.7	3.5	3.0	3.3	-
2654	Sanitary food containers	43.2	42.9	41.1	41.0	-	4.0	3.4	2.8	3.0	-
27	**PRINTING AND PUBLISHING**	37.2	37.2	36.7	36.8	36.8	2.3	2.3	2.0	2.0	-
271	Newspapers	33.5	33.4	32.8	33.1	-	1.3	1.3	1.3	1.3	-
272	Periodicals	37.4	37.1	37.1	36.7	-	2.1	1.8	2.0	2.0	-
273	Books	38.1	37.2	37.4	35.9	-	1.9	1.9	2.1	1.1	-
2731	Book publishing	37.1	37.1	37.5	36.3	-	1.2	.9	1.5	.7	-
2732	Book printing	39.1	37.4	37.4	35.5	-	2.7	2.9	2.7	1.6	-
274	Miscellaneous publishing	36.4	36.0	36.8	37.6	-	1.2	.7	1.5	1.4	-
275	Commercial printing	38.5	38.5	38.1	38.1	-	2.8	2.9	2.4	2.4	-
2751	Commercial printing, letterpress	38.2	38.1	37.6	37.6	-	2.3	2.4	2.1	2.1	-
2752	Commercial printing, lithographic	38.5	38.7	38.2	38.4	-	3.0	3.1	2.5	2.5	-
276	Manifold business forms	40.6	41.3	38.9	39.4	-	3.0	3.7	1.9	2.3	-
278	Blankbooks and bookbinding	38.7	38.6	38.2	38.8	-	1.6	1.7	1.3	1.3	-
279	Printing trade service	37.7	37.5	37.7	38.3	-	3.4	3.6	2.7	3.4	-
28	**CHEMICALS AND ALLIED PRODUCTS**	41.6	41.5	40.8	41.0	40.8	3.3	3.2	2.6	2.8	-
281	Industrial inorganic chemicals	41.4	41.6	40.2	40.8	-	3.0	3.4	2.8	3.1	-
2819	Industrial inorganic chemicals, nec	41.1	41.2	39.9	40.4	-	2.8	3.2	2.9	3.1	-
282	Plastics materials and synthetics	42.0	42.2	40.4	40.6	-	3.4	3.7	2.3	2.6	-
2821	Plastics materials and resins	43.2	42.0	41.3	41.5	-	4.7	4.1	3.1	3.4	-
2824	Organic fibers, noncellulosic	40.9	42.7	39.5	40.0	-	2.2	3.5	1.7	2.1	-
283	Drugs	40.9	40.6	40.8	40.8	-	2.8	2.5	2.5	2.4	-
2834	Pharmaceutical preparations	40.4	39.6	40.3	40.2	-	2.8	2.4	2.4	2.4	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		June 1981	July 1981	May 1982	June 1982P	July 1982P	June 1981	July 1981	May 1982	June 1982P	July 1982P
	CHEMICALS AND ALLIED PRODUCTS—Cont'd										
284	Soap, cleaners, and toilet goods	$338.60	$336.07	$368.24	$370.12	-	$8.34	$8.36	$9.07	$9.20	-
2841	Soap and other detergents	454.92	457.87	500.23	515.70	-	10.78	10.98	11.77	11.91	-
2844	Toilet preparations	261.49	253.76	287.36	288.62	-	6.62	6.49	7.22	7.27	-
2842, 3	Polishing, sanitation, and finishing preparations	320.05	334.94	344.27	359.38	-	8.10	8.27	8.65	8.83	-
285	Paints and allied products	339.03	325.99	355.60	357.06	-	8.03	7.99	8.82	8.86	-
286	Industrial organic chemicals	460.53	464.83	487.89	499.23	-	10.79	10.81	11.70	11.83	-
2865	Cyclic crudes and intermediates	427.12	431.38	457.65	467.04	-	10.15	10.15	11.14	11.20	-
2861, 9	Gum, wood, and industrial organic chemicals, nec	471.97	476.50	498.14	509.29	-	10.90	11.03	11.89	12.06	-
287	Agricultural chemicals	376.25	378.84	397.38	394.83	-	8.75	9.02	9.35	9.56	-
289	Miscellaneous chemical products	344.84	349.25	367.34	371.18	-	8.37	8.56	9.07	9.26	-
29	PETROLEUM AND COAL PRODUCTS	491.99	499.49	549.63	552.13	$549.19	11.31	11.43	12.52	12.52	$12.51
291	Petroleum refining	529.40	539.00	596.74	598.97	-	12.17	12.25	13.46	13.46	-
295	Paving and roofing materials	381.40	382.37	392.11	404.92	-	8.59	8.77	9.14	9.33	-
30	RUBBER AND MISC. PLASTICS PRODUCTS	292.03	286.48	300.13	306.77	304.92	7.14	7.18	7.56	7.65	7.70
301	Tires and inner tubes	465.09	460.91	467.48	470.47	-	11.16	11.16	11.60	11.67	-
302	Rubber and plastics footwear	186.51	184.51	201.37	200.46	-	4.77	4.78	5.15	5.14	-
303, 4	Reclaimed rubber, and rubber and plastics hose and belting	327.25	324.06	323.56	335.36	-	7.70	7.79	8.15	8.26	-
306	Fabricated rubber products, nec	270.56	264.37	280.21	293.38	-	6.66	6.71	7.13	7.28	-
307	Miscellaneous plastics products	266.83	261.88	274.33	278.50	-	6.54	6.58	6.91	6.98	-
31	LEATHER AND LEATHER PRODUCTS	189.74	181.41	191.52	197.25	188.88	4.98	4.97	5.32	5.36	5.32
311	Leather tanning and finishing	265.77	253.89	276.87	286.72	-	6.53	6.51	7.06	7.15	-
314	Footwear, except rubber	184.12	172.44	181.51	187.76	-	4.62	4.79	5.07	5.13	-
3143	Men's footwear, except athletic	197.29	183.63	191.33	198.86	-	5.02	4.99	5.30	5.36	-
3144	Women's footwear, except athletic	177.00	165.67	177.15	183.68	-	4.72	4.68	4.99	5.01	-
316	Luggage	186.12	191.44	202.65	206.28	-	4.59	5.16	5.84	5.73	-
317	Handbags and personal leather goods	173.59	173.59	179.14	183.13	-	4.73	4.73	4.99	4.99	-
	TRANSPORTATION AND PUBLIC UTILITIES	381.52	383.90	394.60	398.43	400.38	9.61	9.67	10.17	10.19	10.24
	RAILROAD TRANSPORTATION										
4011	Class I railroads[4]	470.29	468.86	488.54	-	-	10.64	10.56	11.29	-	-
41	LOCAL AND INTERURBAN PASSENGER TRANSIT	240.17	240.81	238.66	244.16	-	6.73	7.03	7.04	7.16	-
411	Local and suburban transportation	282.14	282.13	300.65	300.27	-	7.29	7.34	7.65	7.66	-
413	Intercity highway transportation	388.05	408.81	398.56	410.32	-	10.58	10.96	11.42	11.15	-
42	TRUCKING AND WAREHOUSING	395.61	391.04	398.74	396.94	-	9.94	9.95	10.33	10.31	-
421, 3	Trucking and trucking terminals	403.57	399.91	406.84	405.02	-	10.14	10.15	10.54	10.52	-
422	Public warehousing	266.81	267.19	278.13	282.92	-	6.93	6.94	7.30	7.29	-
46	PIPE LINES, EXCEPT NATURAL GAS	479.40	490.75	526.18	528.53	-	11.20	11.23	12.41	12.32	-
48	COMMUNICATION	366.28	366.16	389.65	396.40	-	9.18	9.20	9.94	10.01	-
481	Telephone communication	378.82	377.88	406.21	415.20	-	9.40	9.40	10.31	10.38	-
4811	Switchboard operating employees	258.21	261.17	293.46	293.05	-	7.55	7.57	8.76	8.67	-
4818	Line construction employees[5]	480.49	480.27	499.80	519.79	-	10.97	10.94	11.90	12.08	-
483	Radio and television broadcasting	311.16	314.80	325.24	330.37	-	8.21	8.35	8.65	8.74	-
49	ELECTRIC, GAS, AND SANITARY SERVICES	406.13	408.62	436.65	442.21	-	9.81	9.87	10.65	10.63	-
491	Electric services	417.78	422.52	445.05	455.34	-	9.97	10.06	10.75	10.79	-
492	Gas production and distribution	365.57	368.24	394.94	392.35	-	8.96	9.05	9.80	9.64	-
493	Combination utility services	452.10	451.96	501.77	502.49	-	11.00	10.97	12.12	12.05	-
496	Sanitary services	322.82	319.09	341.90	346.76	-	7.76	7.84	8.38	8.52	-
	WHOLESALE AND RETAIL TRADE	190.51	193.85	197.78	199.32	202.12	5.88	5.91	6.20	6.19	6.20
50, 51	WHOLESALE TRADE	289.11	294.10	308.35	308.80	311.50	7.49	7.58	8.03	8.00	8.07
50	WHOLESALE TRADE DURABLE GOODS	291.72	294.84	309.21	310.05	-	7.48	7.56	7.99	7.95	-
501	Motor vehicles and automotive equipment	271.05	273.00	275.80	279.03	-	6.95	7.00	7.22	7.21	-
502	Furniture and home furnishings	261.32	259.61	274.16	271.20	-	6.95	6.96	7.37	7.31	-
503	Lumber and construction materials	301.66	307.72	338.44	338.89	-	7.74	7.83	7.97	7.90	-
504	Sporting goods, toys, and hobby goods	294.34	297.33	322.13	319.60	-	7.87	7.95	8.59	8.50	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		June 1981	July 1981	May 1982	June 1982P	July 1982P	June 1981	July 1981	May 1982	June 1982P	July 1982P
	CHEMICALS AND ALLIED PRODUCTS—Cont'd										
284	Soap, cleaners, and toilet goods	40.6	40.2	40.6	41.1	-	2.8	2.4	2.3	2.8	-
2841	Soap and other detergents	42.2	41.7	42.5	43.3	-	3.9	3.8	3.7	4.0	-
2844	Toilet preparations	39.5	39.1	39.8	39.7	-	2.3	1.5	1.7	2.0	-
2842, 3	Polishing, sanitation, and finishing preparations	40.5	40.5	39.8	40.7	-	2.5	2.3	1.6	2.7	-
285	Paints and allied products	41.1	40.8	40.0	40.3	-	3.4	2.9	2.4	2.6	-
286	Industrial organic chemicals	43.0	43.0	41.7	42.2	-	3.9	4.0	2.9	3.2	-
2865	Cyclic crudes and intermediates	42.1	42.5	41.1	41.7	-	4.0	3.8	2.1	2.4	-
2861, 9	Gum, wood, and industrial organic chemicals, nec	43.3	43.2	41.9	42.3	-	3.9	4.1	3.1	3.4	-
287	Agricultural chemicals	43.0	42.0	42.5	41.3	-	4.4	4.0	4.0	3.2	-
289	Miscellaneous chemical products	41.2	40.8	40.5	40.3	-	2.8	2.8	2.3	2.5	-
29	PETROLEUM AND COAL PRODUCTS	43.5	43.7	43.9	44.1	43.9	4.0	3.9	4.1	4.1	-
291	Petroleum refining	43.5	44.0	44.4	44.5	-	3.7	3.6	3.9	3.8	-
295	Paving and roofing materials	44.4	43.6	42.9	43.4	-	6.1	5.6	5.6	6.4	-
30	RUBBER AND MISC. PLASTICS PRODUCTS	40.9	39.9	39.7	40.1	39.6	3.2	3.0	2.6	2.7	-
301	Tires and inner tubes	41.9	41.3	40.3	41.0	-	3.0	2.9	2.6	2.6	-
302	Rubber and plastics footwear	39.1	38.6	39.1	39.0	-	2.9	2.5	1.6	1.9	-
303, 4	Reclaimed rubber, and rubber and plastics hose and belting	42.5	41.6	39.7	40.6	-	3.2	3.1	1.9	2.2	-
306	Fabricated rubber products, nec	40.5	39.4	39.3	40.3	-	2.9	2.5	2.3	2.5	-
307	Miscellaneous plastics products	40.8	39.8	39.7	39.9	-	3.4	3.2	2.8	2.9	-
31	LEATHER AND LEATHER PRODUCTS	38.1	36.5	36.0	36.8	35.5	1.8	1.3	1.4	1.6	-
311	Leather tanning and finishing	40.7	39.0	39.5	40.1	-	3.5	2.3	2.7	3.1	-
314	Footwear, except rubber	38.2	36.0	35.8	36.6	-	1.6	1.1	1.2	1.5	-
3143	Men's footwear, except athletic	39.3	36.8	36.1	37.1	-	1.7	1.1	1.0	1.3	-
3144	Women's footwear, except athletic	37.5	35.4	35.5	36.3	-	1.8	1.3	1.4	2.0	-
316	Luggage	37.7	37.1	34.7	36.0	-	1.9	1.1	2.7	2.3	-
317	Handbags and personal leather goods	36.7	36.7	35.9	36.7	-	1.7	1.6	.9	1.0	-
	TRANSPORTATION AND PUBLIC UTILITIES	39.7	39.7	38.8	39.1	39.1	-	-	-	-	-
	RAILROAD TRANSPORTATION										
4011	Class I railroads[2]	44.2	44.4	41.5	-	-	-	-	-	-	-
41	LOCAL AND INTERURBAN PASSENGER TRANSIT	34.2	37.1	33.9	34.1	-	-	-	-	-	-
411	Local and suburban transportation	38.7	39.8	39.3	39.2	-	-	-	-	-	-
413	Intercity highway transportation	36.3	37.3	34.9	36.8	-	-	-	-	-	-
42	TRUCKING AND WAREHOUSING	39.8	39.3	38.6	38.5	-	-	-	-	-	-
421, 3	Trucking and trucking terminals	39.8	39.4	38.6	38.5	-	-	-	-	-	-
422	Public warehousing	38.5	38.5	38.1	38.7	-	-	-	-	-	-
46	PIPE LINES, EXCEPT NATURAL GAS	42.5	43.7	42.4	42.9	-	-	-	-	-	-
48	COMMUNICATION	39.9	39.8	39.2	39.6	-	-	-	-	-	-
481	Telephone communication	40.3	40.2	39.4	40.0	-	-	-	-	-	-
4811	Switchboard operating employees[3]	34.2	34.5	33.5	33.8	-	-	-	-	-	-
4810	Line construction employees[4]	43.8	43.9	42.0	43.1	-	-	-	-	-	-
483	Radio and television broadcasting	37.9	37.7	37.6	37.8	-	-	-	-	-	-
49	ELECTRIC, GAS, AND SANITARY SERVICES	41.4	41.4	41.0	41.6	-	-	-	-	-	-
491	Electric services	41.9	42.0	41.4	42.2	-	-	-	-	-	-
492	Gas production and distribution	40.8	40.7	40.3	40.7	-	-	-	-	-	-
493	Combination utility services	41.1	41.2	41.4	41.7	-	-	-	-	-	-
495	Sanitary services	41.6	40.7	40.8	40.7	-	-	-	-	-	-
	WHOLESALE AND RETAIL TRADE	32.4	32.8	31.9	32.2	32.6	-	-	-	-	-
50, 51	WHOLESALE TRADE	38.6	38.8	38.4	38.6	38.6	-	-	-	-	-
50	WHOLESALE TRADE-DURABLE GOODS	39.0	39.0	38.7	39.0	-	-	-	-	-	-
501	Motor vehicles and automotive equipment	39.0	39.0	38.2	38.7	-	-	-	-	-	-
502	Furniture and home furnishings	37.6	37.3	37.2	37.1	-	-	-	-	-	-
503	Lumber and construction materials	39.0	39.3	38.7	39.1	-	-	-	-	-	-
504	Sporting goods, toys, and hobby goods	37.4	37.4	37.5	37.6	-	-	-	-	-	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry – Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		June 1981	July 1981	May 1982	June 1982P	July 1982P	June 1981	July 1981	May 1982	June 1982P	July 1982P
	WHOLESALE TRADE DURABLE GOODS—Continued										
505	Metals and minerals, except petroleum	$346.50	$346.81	$352.30	$350.36	-	$8.75	$8.78	$9.08	$9.03	-
506	Electrical goods	301.48	306.92	332.13	334.62	-	7.77	7.89	8.56	8.45	-
507	Hardware, plumbing, and heating equipment	267.72	272.38	287.96	290.19	-	6.99	7.02	7.46	7.46	-
508	Machinery, equipment, and supplies	302.59	306.92	321.79	323.47	-	7.68	7.77	8.23	8.21	-
509	Miscellaneous durable goods	236.85	236.38	248.62	249.48	-	6.22	6.27	6.56	6.60	-
51	**WHOLESALE TRADE NONDURABLE GOODS**	285.38	291.84	306.99	307.04	-	7.51	7.60	8.10	8.08	-
511	Paper and paper products	306.18	313.76	328.13	325.01	-	8.32	8.48	8.75	8.69	-
512	Drugs, proprietaries, and sundries	298.03	300.47	327.57	331.13	-	7.99	7.97	8.95	8.83	-
513	Apparel, piece goods, and notions	246.62	250.61	267.55	266.08	-	6.72	6.81	7.33	7.31	-
514	Groceries and related products	286.48	293.33	307.47	307.13	-	7.48	7.56	8.07	8.04	-
516	Chemicals and allied products	346.99	345.32	365.54	367.86	-	8.92	8.90	9.47	9.53	-
517	Petroleum and petroleum products	349.55	363.89	379.82	385.76	-	8.94	9.12	9.64	9.62	-
518	Beer, wine, and distilled beverages	332.79	337.27	352.23	351.59	-	8.97	8.97	9.65	9.58	-
519	Miscellaneous nondurable goods	236.16	239.94	250.65	250.87	-	6.15	6.20	6.58	6.55	-
52-59	**RETAIL TRADE**	158.17	161.92	163.01	164.65	$167.62	5.22	5.24	5.47	5.47	$5.46
52	**BUILDING MATERIALS AND GARDEN SUPPLIES**	210.36	213.38	215.75	216.81	-	5.67	5.69	5.96	5.94	-
521	Lumber and other building materials	230.49	234.04	235.49	236.22	-	5.91	5.94	6.23	6.20	-
525	Hardware stores	171.86	174.38	178.80	181.30	-	5.04	5.04	5.29	5.24	-
53	**GENERAL MERCHANDISE STORES**	151.04	154.80	156.06	157.93	-	5.12	5.16	5.40	5.39	-
531	Department stores	155.53	159.67	161.80	163.23	-	5.29	5.34	5.60	5.59	-
533	Variety stores	123.06	125.50	126.48	128.03	-	4.20	4.24	4.36	4.34	-
539	Misc. general merchandise stores	129.74	131.94	129.79	131.97	-	4.24	4.27	4.37	4.37	-
54	**FOOD STORES**	216.78	219.52	220.32	225.99	-	6.86	6.86	7.20	7.22	-
541	Grocery stores	226.49	228.30	229.77	235.94	-	7.10	7.09	7.46	7.49	-
546	Retail bakeries	143.96	144.83	144.00	147.38	-	4.93	4.96	5.00	5.03	-
55	**AUTOMOTIVE DEALERS AND SERVICE STATIONS**	229.07	233.55	238.88	235.62	-	6.06	6.13	6.37	6.30	-
551, 2	New and used car dealers	268.80	273.74	283.46	279.62	-	7.00	7.11	7.44	7.32	-
553	Auto and home supply stores	227.66	236.57	243.01	239.95	-	5.58	5.77	6.03	5.91	-
554	Gasoline service stations	172.66	175.69	179.28	177.76	-	4.85	4.84	5.05	5.05	-
56	**APPAREL AND ACCESSORY STORES**	132.59	136.00	136.36	138.51	-	4.62	4.61	4.87	4.86	-
561	Men's and boys' clothing and furnishings	169.32	176.04	174.51	175.27	-	5.26	5.40	5.54	5.46	-
562	Women's ready-to-wear stores	118.25	121.26	121.59	123.57	-	4.30	4.30	4.52	4.51	-
565	Family clothing stores	128.70	131.24	135.56	140.43	-	4.50	4.51	4.79	4.91	-
566	Shoe stores	138.05	138.95	138.68	140.72	-	4.81	4.71	5.08	4.99	-
57	**FURNITURE AND HOME FURNISHINGS STORES**	203.93	209.21	210.40	212.32	-	5.86	5.91	6.17	6.19	-
571	Furniture and home furnishings stores	204.86	209.09	208.88	211.48	-	5.87	5.94	6.18	6.22	-
572	Household appliance stores	222.41	224.90	225.16	233.99	-	6.23	6.23	6.47	6.61	-
573	Radio, television, and music stores	190.18	199.09	204.68	202.62	-	5.61	5.64	5.95	5.89	-
58	**EATING AND DRINKING PLACES**[2]	103.75	106.11	106.90	107.71	-	3.93	3.93	4.08	4.08	-
59	**MISCELLANEOUS RETAIL**	160.02	163.07	166.70	167.23	-	5.08	5.08	5.36	5.36	-
591	Drug stores and proprietary stores	137.89	141.47	146.52	147.67	-	4.69	4.70	5.07	5.04	-
594	Miscellaneous shopping goods stores	147.87	152.00	149.90	152.00	-	4.77	4.78	4.98	5.00	-
596	Nonstore retailers	197.32	197.57	202.95	204.84	-	5.89	5.88	6.15	6.17	-
598	Fuel and ice dealers	256.90	256.99	266.58	264.79	-	6.69	6.71	7.09	7.08	-
599	Retail stores, nec	168.78	170.65	183.53	182.15	-	5.13	5.14	5.43	5.47	-
	FINANCE, INSURANCE, AND REAL ESTATE[3]	225.63	227.96	245.75	241.51	245.03	6.25	6.28	6.77	6.69	6.75
60	**BANKING**	194.91	195.28	211.55	209.30	-	5.34	5.35	5.78	5.75	-
602	Commercial and stock savings banks	191.63	192.36	208.25	205.66	-	5.25	5.27	5.69	5.65	-
61	**CREDIT AGENCIES OTHER THAN BANKS**	202.95	205.53	221.40	218.00	-	5.53	5.57	6.00	5.94	-
612	Savings and loan associations	188.96	191.46	202.90	198.55	-	5.22	5.26	5.58	5.50	-
614	Personal credit institutions	202.39	204.95	224.69	223.34	-	5.47	5.48	6.04	6.02	-
63	**INSURANCE CARRIERS**	258.22	262.92	283.46	282.33	-	6.96	7.03	7.62	7.61	-
631	Life insurance	269.70	280.12	289.38	288.64	-	7.25	7.45	7.80	7.78	-
632	Medical service and health insurance	243.00	243.65	272.88	268.96	-	6.48	6.48	7.20	7.23	-
633	Fire, marine, and casualty insurance	249.61	252.71	279.70	278.21	-	6.82	6.83	7.58	7.56	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		June 1981	July 1981	May 1982	June 1982[p]	July 1982[p]	June 1981	July 1981	May 1982	June 1982[p]	July 1982[p]
	WHOLESALE TRADE-DURABLE GOODS—Continued										
505	Metals and minerals, except petroleum	39.6	39.5	38.8	38.8	-	-	-	-	-	-
506	Electrical goods	38.8	38.9	38.8	39.6	-	-	-	-	-	-
507	Hardware, plumbing, and heating equipment	38.3	38.8	38.6	38.9	-	-	-	-	-	-
508	Machinery, equipment, and supplies	39.4	39.5	39.1	39.4	-	-	-	-	-	-
509	Miscellaneous durable goods	38.4	37.7	37.9	37.8	-	-	-	-	-	-
51	WHOLESALE TRADE-NONDURABLE GOODS	38.0	38.4	37.9	38.0	-	-	-	-	-	-
511	Paper and paper products	36.8	37.0	37.5	37.4	-	-	-	-	-	-
512	Drugs, proprietaries, and sundries	37.3	37.7	36.6	37.5	-	-	-	-	-	-
513	Apparel, piece goods, and notions	36.7	36.8	36.5	36.4	-	-	-	-	-	-
514	Groceries and related products	38.3	38.8	38.1	38.2	-	-	-	-	-	-
516	Chemicals and allied products	38.9	38.8	38.6	38.6	-	-	-	-	-	-
517	Petroleum and petroleum products	39.1	39.9	39.4	40.1	-	-	-	-	-	-
518	Beer, wine, and distilled beverages	37.1	37.6	36.5	36.7	-	-	-	-	-	-
519	Miscellaneous nondurable goods	38.4	38.7	38.7	38.3	-	-	-	-	-	-
52-59	RETAIL TRADE	30.3	30.9	29.8	30.1	30.7	-	-	-	-	-
52	BUILDING MATERIALS AND GARDEN SUPPLIES	37.1	37.5	36.2	36.5	-	-	-	-	-	-
521	Lumber and other building materials	39.0	39.4	37.8	38.1	-	-	-	-	-	-
525	Hardware stores	34.1	34.6	33.8	34.6	-	-	-	-	-	-
53	GENERAL MERCHANDISE STORES	29.5	30.0	28.9	29.3	-	-	-	-	-	-
531	Department stores	29.4	29.9	28.9	29.2	-	-	-	-	-	-
533	Variety stores	29.3	29.6	29.0	29.5	-	-	-	-	-	-
539	Misc. general merchandise stores	30.6	30.9	29.7	30.2	-	-	-	-	-	-
54	FOOD STORES	31.6	32.0	30.6	31.3	-	-	-	-	-	-
541	Grocery stores	31.9	32.2	30.8	31.5	-	-	-	-	-	-
546	Retail bakeries	29.2	29.2	28.8	29.3	-	-	-	-	-	-
55	AUTOMOTIVE DEALERS AND SERVICE STATIONS	37.8	38.1	37.5	37.4	-	-	-	-	-	-
551, 2	New and used car dealers	38.4	38.5	38.1	38.2	-	-	-	-	-	-
553	Auto and home supply stores	40.8	41.0	40.3	40.6	-	-	-	-	-	-
554	Gasoline service stations	35.6	36.3	35.5	35.2	-	-	-	-	-	-
56	APPAREL AND ACCESSORY STORES	28.7	29.5	28.0	28.5	-	-	-	-	-	-
561	Men's and boys' clothing and furnishings	32.0	32.6	31.5	32.1	-	-	-	-	-	-
562	Women's ready-to-wear stores	27.5	28.2	26.9	27.4	-	-	-	-	-	-
565	Family clothing stores	28.6	29.1	28.3	28.6	-	-	-	-	-	-
566	Shoe stores	28.7	29.5	27.3	28.2	-	-	-	-	-	-
57	FURNITURE AND HOME FURNISHINGS STORES	34.8	35.4	34.1	34.3	-	-	-	-	-	-
571	Furniture and home furnishings stores	34.9	35.2	33.8	34.0	-	-	-	-	-	-
572	Household appliance stores	35.7	36.1	34.8	35.4	-	-	-	-	-	-
573	Radio, television, and music stores	33.9	35.3	34.4	34.4	-	-	-	-	-	-
58	EATING AND DRINKING PLACES	26.4	27.0	26.2	26.4	-	-	-	-	-	-
59	MISCELLANEOUS RETAIL	31.5	32.1	31.1	31.2	-	-	-	-	-	-
591	Drug stores and proprietary stores	29.4	30.1	28.9	29.3	-	-	-	-	-	-
594	Miscellaneous shopping goods stores	31.0	31.8	30.1	30.4	-	-	-	-	-	-
596	Nonstore retailers	33.5	33.6	33.0	33.2	-	-	-	-	-	-
598	Fuel and ice dealers	38.4	38.3	37.6	37.4	-	-	-	-	-	-
599	Retail stores, nec	32.9	33.2	33.8	33.3	-	-	-	-	-	-
	FINANCE, INSURANCE, AND REAL ESTATE[2]	36.1	36.3	36.3	36.1	36.3	-	-	-	-	-
60	BANKING	36.5	36.5	36.6	36.4	-	-	-	-	-	-
602	Commercial and stock savings banks	36.5	36.5	36.6	36.4	-	-	-	-	-	-
61	CREDIT AGENCIES OTHER THAN BANKS	36.7	36.9	36.9	36.7	-	-	-	-	-	-
612	Savings and loan associations	36.2	36.4	36.2	36.1	-	-	-	-	-	-
614	Personal credit institutions	37.6	37.4	37.2	37.1	-	-	-	-	-	-
63	INSURANCE CARRIERS	37.1	37.4	37.2	37.1	-	-	-	-	-	-
631	Life insurance	37.2	37.6	37.1	37.1	-	-	-	-	-	-
632	Medical service and health insurance	37.5	37.6	37.9	37.2	-	-	-	-	-	-
633	Fire, marine, and casualty insurance	36.6	37.0	36.9	36.8	-	-	-	-	-	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry – Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		June 1981	July 1981	May 1982	June 1982p	July 1982p	June 1981	July 1981	May 1982	June 1982p	July 1982p
	SERVICES	$206.99	$209.85	$222.63	$223.01	$227.73	$6.33	$6.39	$6.85	$6.82	$6.88
	HOTELS AND OTHER LODGING PLACES										
701	Hotels, motels, and tourist courts[2]	148.80	150.55	151.09	152.11	-	4.80	4.81	4.97	5.02	-
	PERSONAL SERVICES										
721	Laundry, cleaning, and garment services	163.59	162.81	172.21	171.52	-	4.84	4.86	5.11	5.12	-
723	Beauty shops[3]	141.90	137.77	154.42	156.67	-	4.73	4.67	5.03	5.12	-
73	BUSINESS SERVICES	213.19	215.16	227.92	226.28	-	6.48	6.52	6.97	6.92	-
731	Advertising	312.57	308.18	332.22	327.41	-	8.78	8.78	9.28	9.12	-
734	Services to buildings	148.51	149.60	149.20	150.59	-	5.44	5.48	5.63	5.64	-
737	Computer and data processing services	293.46	297.75	320.54	306.74	-	7.91	7.94	8.64	8.45	-
75	AUTO REPAIR, SERVICES, AND GARAGES	244.86	249.74	251.84	253.72	-	6.41	6.47	6.68	6.73	-
753	Automotive repair shops	271.76	275.62	278.58	280.19	-	6.88	6.96	7.18	7.24	-
76	MISCELLANEOUS REPAIR SERVICES	301.43	305.63	303.34	306.89	-	7.67	7.66	7.92	7.93	-
78	MOTION PICTURES	206.55	201.07	213.18	224.68	-	7.65	7.38	8.36	8.20	-
781	Motion picture production and services	424.84	412.72	446.92	457.01	-	11.18	10.72	12.38	12.73	-
79	AMUSEMENT AND RECREATION SERVICES	175.99	181.64	184.59	185.11	-	5.77	5.73	6.30	6.01	-
80	HEALTH SERVICES	205.95	211.46	225.30	227.73	-	6.26	6.35	6.89	6.88	-
801	Offices of physicians	208.01	208.98	215.24	219.07	-	6.46	6.47	6.79	6.72	-
802	Offices of dentists	175.34	180.24	187.99	189.62	-	6.24	6.28	6.69	6.63	-
805	Nursing and personal care facilities	140.12	143.78	150.41	151.83	-	4.52	4.55	4.79	4.82	-
806	Hospitals	229.14	237.35	251.47	256.28	-	6.70	6.84	7.44	7.45	-
81	LEGAL SERVICES	273.14	276.58	296.33	299.11	-	8.01	8.04	8.69	8.62	-
89	MISCELLANEOUS SERVICES	354.33	355.30	390.28	390.25	-	9.30	9.35	10.19	10.11	-
891	Engineering and architectural services	386.88	387.44	430.25	428.87	-	9.92	9.96	10.92	10.83	-
893	Accounting, auditing, and bookkeeping	297.04	298.88	317.69	319.32	-	7.90	7.97	8.56	8.47	-

[1] For coverage of series, see footnote 1, table B-2.
[2] Beginning January 1978, data relate to line haul railroads with operating revenues of $50,000,000 or more.
[3] Data relate to employees in such occupations in the telephone industry as switchboard operators; service assistants; operating room instructors; and pay-station attendants. In 1977, such employees made up 20 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.
[4] Data relate to employees in such occupations in the telephone industry as central office craft persons; installation and exchange repair craft persons; line, cable and conduit craft persons; and laborers. In 1977, such employees made up 37 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.
[5] Money payments only; tips, not included.
[6] Data for nonoffice sales agents excluded from all series in this division.
- Data not available.
p = preliminary.

NOTE: Data from April 1981 forward are subject to revision when more recent benchmark data are introduced. See "Benchmark adjustment" in the Explanatory Notes of this publication.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry – Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		June 1981	July 1981	May 1982	June 1982P	July 1982P	June 1981	July 1981	May 1982	June 1982P	July 1982P
	SERVICES	32.7	33.1	32.5	32.7	33.1	-	-	-	-	-
	HOTELS AND OTHER LODGING PLACES										
701	Hotels, motels, and tourist courts[2]	31.0	31.3	30.4	30.3	-	-	-	-	-	-
	PERSONAL SERVICES										
721	Laundry, cleaning, and garment services	33.8	33.5	33.7	33.5	-	-	-	-	-	-
723	Beauty shops[3]	30.3	29.5	30.7	30.6	-	-	-	-	-	-
73	BUSINESS SERVICES	32.9	33.0	32.7	32.7	-	-	-	-	-	-
731	Advertising	35.6	35.1	35.8	35.9	-	-	-	-	-	-
734	Services to buildings	27.3	27.3	26.5	26.7	-	-	-	-	-	-
737	Computer and data processing services	37.1	37.5	37.1	36.3	-	-	-	-	-	-
75	AUTO REPAIR, SERVICES, AND GARAGES	38.2	38.6	37.7	37.7	-	-	-	-	-	-
753	Automotive repair shops	39.5	39.6	38.8	38.7	-	-	-	-	-	-
76	MISCELLANEOUS REPAIR SERVICES	39.3	39.9	38.3	38.7	-	-	-	-	-	-
78	MOTION PICTURES	27.0	28.4	25.5	27.4	-	-	-	-	-	-
781	Motion picture production and services	38.0	38.5	36.1	35.9	-	-	-	-	-	-
79	AMUSEMENT AND RECREATION SERVICES	30.5	31.7	29.3	30.8	-	-	-	-	-	-
80	HEALTH SERVICES	32.9	33.3	32.7	33.1	-	-	-	-	-	-
801	Offices of physicians	32.2	32.3	31.7	32.6	-	-	-	-	-	-
802	Offices of dentists	28.1	28.7	28.1	28.6	-	-	-	-	-	-
805	Nursing and personal care facilities	31.0	31.6	31.4	31.5	-	-	-	-	-	-
806	Hospitals	34.2	34.7	33.8	34.4	-	-	-	-	-	-
81	LEGAL SERVICES	34.1	34.4	34.1	34.7	-	-	-	-	-	-
89	MISCELLANEOUS SERVICES	38.1	38.0	38.3	38.6	-	-	-	-	-	-
891	Engineering and architectural services	39.0	38.9	39.4	39.6	-	-	-	-	-	-
893	Accounting, auditing, and bookkeeping	37.6	37.5	37.2	37.7	-	-	-	-	-	-

ESTABLISHMENT DATA
HOURS AND EARNINGS

C-3. Average hourly earnings excluding overtime of production workers on manufacturing payrolls by industry

Major industry group	Average hourly earnings excluding overtime[1]				
	June 1981	July 1981	May 1982	June 1982P	July 1982P
MANUFACTURING	$7.69	$7.75	$8.22	$8.25	$8.31
DURABLE GOODS	8.23	8.28	8.77	8.81	8.86
Lumber and wood products	6.85	6.91	7.19	7.30	-
Furniture and fixtures	5.75	5.79	6.12	6.17	-
Stone, clay, and glass products	7.92	8.00	8.43	8.47	-
Primary metal industries	10.33	10.39	10.96	11.03	-
Fabricated metal products	7.92	7.94	8.56	8.58	-
Machinery, except electrical	8.49	8.51	9.03	9.04	-
Electric and electronic equipment	7.35	7.45	7.88	7.92	-
Transportation equipment	10.01	10.02	10.69	10.77	-
Instruments and related products	7.13	7.24	8.00	8.05	-
Miscellaneous manufacturing industries	5.78	5.85	6.25	6.29	-
NONDURABLE GOODS	6.87	6.97	7.43	7.47	7.53
Food and kindred products	7.09	7.12	7.60	7.59	-
Tobacco manufactures	9.14	9.21	9.80	10.17	-
Textile mill products	5.19	5.30	5.63	5.64	-
Apparel and other textile products	4.89	4.85	5.09	5.11	-
Paper and allied products	8.11	8.20	8.75	8.86	-
Printing and publishing	7.88	7.95	8.38	8.45	-
Chemicals and allied products	8.72	8.82	9.52	9.61	-
Petroleum and coal products	10.81	10.95	11.96	11.96	-
Rubber and misc. plastics products	6.86	6.92	7.31	7.39	-
Leather and leather products	4.86	4.88	5.22	5.25	-

[1] Derived by assuming that overtime hours are paid at the rate of time and one-half.

P=preliminary.

C-4. Gross average weekly earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division, in current and constant (1977) dollars

Industry	June 1981	July 1981	May 1982	June 1982P	July 1982P
TOTAL PRIVATE:					
Current dollars	$254.88	$257.74	$265.52	$267.05	$269.98
Constant (1977) dollars	170.49	170.35	168.16	167.12	-
MINING:					
Current dollars	420.04	439.92	454.12	462.01	$466.98
Constant (1977) dollars	280.96	290.76	287.60	289.12	-
CONSTRUCTION:					
Current dollars	395.81	407.86	429.75	427.88	$437.76
Constant (1977) dollars	264.76	269.57	272.17	267.76	-
MANUFACTURING:					
Current dollars	320.39	317.59	329.55	334.05	$332.60
Constant (1977) dollars	214.31	209.91	208.71	209.04	-
TRANSPORTATION AND PUBLIC UTILITIES:					
Current dollars	381.52	383.90	394.60	398.43	$400.38
Constant (1977) dollars	255.20	253.73	249.91	249.33	-
WHOLESALE AND RETAIL TRADE:					
Current dollars	190.51	193.85	197.78	199.32	$202.12
Constant (1977) dollars	127.43	128.12	125.26	124.73	-
FINANCE, INSURANCE, AND REAL ESTATE:					
Current dollars	225.63	227.96	245.75	241.51	$245.03
Constant (1977) dollars	150.92	150.67	155.64	151.13	-
SERVICES:					
Current dollars	206.99	209.85	222.63	223.01	$227.73
Constant (1977) dollars	138.45	138.70	140.99	139.56	-

[1] For coverage of series, see footnote 1, table B-2.

P=preliminary.

C-5. Indexes of aggregate weekly hours and payrolls of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division and major manufacturing group

(1977=100)

Industry division and group	June 1981	July 1981	May 1982	June 1982P	July 1982P
	Hours				
TOTAL PRIVATE	109.9	110.1	105.2	106.4	106.4
GOODS PRODUCING	104.1	102.6	92.8	93.8	92.0
MINING	134.6	141.6	132.3	130.1	128.4
CONSTRUCTION	115.0	118.8	104.9	107.9	111.4
MANUFACTURING	100.5	97.6	88.7	89.3	86.5
DURABLE GOODS	101.2	97.6	87.4	87.7	84.5
Lumber and wood products	94.3	91.8	79.3	82.5	81.3
Furniture and fixtures	99.2	94.4	86.6	88.6	84.9
Stone, clay, and glass products	95.3	93.8	81.7	83.4	81.5
Primary metal industries	95.2	91.8	78.9	78.9	69.0
Fabricated metal products	99.3	95.4	84.8	85.1	81.3
Machinery, except electrical	111.4	108.4	97.6	95.1	90.3
Electric and electronic equipment	107.2	104.3	97.3	98.2	95.5
Transportation equipment	95.0	89.7	82.8	83.1	79.8
Instruments and related products	114.7	112.4	107.9	108.7	105.2
Miscellaneous manufacturing industries	92.4	89.2	83.6	84.2	80.1
NONDURABLE GOODS	99.5	97.4	90.5	91.7	89.5
Food and kindred products	97.3	100.0	92.1	94.4	96.2
Tobacco manufactures	89.7	89.3	80.6	85.4	78.2
Textile mill products	91.4	87.8	76.9	75.9	73.2
Apparel and other textile products	98.2	92.7	86.2	88.5	82.7
Paper and allied products	101.2	99.4	91.9	93.6	92.4
Printing and publishing	108.2	105.6	105.2	104.8	103.6
Chemicals and allied products	103.5	102.2	95.7	96.0	94.8
Petroleum and coal products	107.9	108.3	96.4	98.3	97.5
Rubber and misc. plastics products	103.8	99.3	93.8	95.5	92.1
Leather and leather products	96.1	87.4	80.1	82.8	72.1
SERVICE PRODUCING	113.1	114.2	112.0	113.8	114.3
TRANSPORTATION AND PUBLIC UTILITIES	107.3	106.7	102.1	103.2	102.2
WHOLESALE AND RETAIL TRADE	107.4	108.6	105.8	107.0	107.9
WHOLESALE TRADE	112.7	113.2	109.7	110.7	110.1
RETAIL TRADE	105.4	106.9	104.3	105.5	107.1
FINANCE, INSURANCE, AND REAL ESTATE	118.3	119.5	117.3	118.5	119.4
SERVICES	120.6	122.2	121.5	123.3	124.9

[1] For coverage of series, see footnote 1, table B-2.

P preliminary

ESTABLISHMENT DATA
HOURS AND EARNINGS

C-5. Indexes of aggregate weekly hours and payrolls of production or nonsupervisory workers' on private nonagricultural payrolls by industry division and major manufacturing group – Continued

(1977=100)

Industry division and group	June 1981	July 1981	May 1982	June 1982P	July 1982P
	Payrolls				
TOTAL PRIVATE	150.9	151.9	153.0	154.8	155.4
GOODS PRODUCING	145.4	145.1	138.4	140.5	139.2
MINING	192.5	205.9	203.1	202.8	201.8
CONSTRUCTION	151.1	158.2	148.2	151.9	150.3
MANUFACTURING	141.1	138.0	132.0	133.8	130.3
DURABLE GOODS	142.5	138.2	129.9	131.2	126.9
Lumber and wood products	131.2	128.8	115.3	122.1	121.5
Furniture and fixtures	134.8	128.8	124.3	128.4	123.9
Stone, clay, and glass products	136.3	135.5	123.7	127.2	125.0
Primary metal industries	138.2	133.7	107.5	108.5	106.4
Fabricated metal products	138.3	132.6	126.1	127.2	121.6
Machinery, except electrical	156.5	153.0	144.4	141.1	138.8
Electric and electronic equipment	150.4	148.0	145.3	147.8	144.8
Transportation equipment	136.2	128.6	126.0	127.8	122.7
Instruments and related products	159.0	157.8	166.8	168.8	164.1
Miscellaneous manufacturing industries	125.3	122.2	122.3	123.7	117.7
NONDURABLE GOODS	138.8	137.6	135.6	138.4	136.3
Food and kindred products	134.2	138.6	135.7	139.0	141.5
Tobacco manufactures	151.2	152.5	144.4	160.1	149.2
Textile mill products	124.2	121.3	111.7	110.3	106.7
Apparel and other textile products	134.8	125.9	122.8	126.6	118.1
Paper and allied products	145.2	145.6	141.1	145.6	145.7
Printing and publishing	140.8	141.5	148.0	148.6	148.0
Chemicals and allied products	145.9	145.5	146.2	148.5	147.9
Petroleum and coal products	155.8	158.2	154.1	157.3	155.8
Rubber and misc. plastics products	143.2	137.8	137.0	141.2	137.2
Leather and leather products	132.7	120.3	118.2	122.4	106.2
SERVICE PRODUCING	154.7	156.7	163.3	164.9	166.9
TRANSPORTATION AND PUBLIC UTILITIES	147.4	147.6	148.6	150.5	149.7
WHOLESALE AND RETAIL TRADE	147.8	150.1	153.4	154.9	156.3
WHOLESALE TRADE	156.7	159.0	163.4	164.4	164.8
RETAIL TRADE	143.0	145.4	148.0	149.8	151.8
FINANCE, INSURANCE, AND REAL ESTATE	162.8	165.3	174.8	174.6	177.5
SERVICES	164.2	166.6	178.9	180.9	184.7

C-6. Average weekly hours of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division and major manufacturing group, seasonally adjusted

Industry	1981						1982						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June[p]	July[p]
TOTAL PRIVATE	35.3	35.2	35.0	35.1	35.1	35.0	34.8	35.3	34.9	34.9	35.0	34.8	34.9
MINING	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
CONSTRUCTION	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
MANUFACTURING	40.0	39.9	39.4	39.5	39.3	39.1	37.6	39.4	39.0	39.0	39.1	39.2	39.1
Overtime hours	3.0	3.0	2.7	2.7	2.5	2.4	2.3	2.4	2.3	2.4	2.3	2.4	2.4
DURABLE GOODS	40.5	40.4	39.7	40.0	39.7	39.5	38.2	39.8	39.5	39.5	39.6	39.7	39.7
Overtime hours	3.0	3.0	2.7	2.6	2.4	2.3	2.2	2.2	2.2	2.2	2.2	2.3	2.2
Lumber and wood products	38.7	38.4	37.6	37.8	37.7	37.7	35.0	37.9	37.6	37.6	38.5	38.5	38.3
Furniture and fixtures	38.6	38.4	37.4	38.0	37.6	37.9	33.6	37.7	37.3	37.4	37.5	37.8	37.9
Stone, clay, and glass products	40.8	40.7	40.3	40.1	40.1	39.7	38.6	40.1	40.0	40.0	40.2	40.4	40.6
Primary metal industries	40.7	40.8	40.6	40.0	39.6	39.2	38.3	39.4	38.8	38.5	38.5	38.9	38.9
Fabricated metal products	40.5	40.4	39.6	40.0	39.7	39.5	38.1	39.7	39.5	39.4	39.5	39.4	39.5
Machinery, except electrical	41.2	41.1	40.3	40.8	40.7	40.4	39.3	40.7	40.2	40.1	39.8	39.8	40.0
Electric and electronic equipment	40.4	40.3	39.7	39.8	39.4	39.5	38.3	39.8	39.6	39.3	39.4	39.5	39.8
Transportation equipment	41.2	41.2	40.1	40.6	40.6	39.7	39.0	40.5	40.4	41.1	41.1	41.6	41.1
Instruments and related products	40.5	40.6	40.4	40.3	40.2	39.9	39.0	39.9	39.9	39.9	40.2	40.2	40.0
Miscellaneous manufacturing ind.	39.0	38.9	38.4	38.9	39.0	38.5	37.3	38.6	38.6	38.5	38.7	38.5	38.6
NONDURABLE GOODS	39.2	39.2	38.9	38.9	38.7	38.6	36.8	38.9	38.5	38.4	38.5	38.6	38.6
Overtime hours	2.9	2.9	2.8	2.8	2.7	2.6	2.5	2.6	2.5	2.6	2.5	2.5	2.6
Food and kindred products	39.5	39.4	39.3	39.5	39.5	39.8	39.1	40.2	39.5	39.4	39.4	39.5	39.5
Tobacco manufactures	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Textile mill products	40.1	39.8	38.8	39.0	38.7	37.8	32.3	38.3	37.6	37.7	37.9	37.9	38.1
Apparel and other textile products	35.8	35.9	35.2	35.5	35.5	35.1	31.4	35.5	35.0	34.7	34.8	35.1	35.1
Paper and allied products	42.7	42.5	43.0	42.4	42.0	41.8	41.3	42.3	41.8	42.1	41.8	42.0	42.2
Printing and publishing	37.3	37.3	37.1	37.1	37.1	37.1	36.9	37.4	37.1	37.1	36.8	37.0	36.9
Chemicals and allied products	41.7	41.7	42.2	41.5	41.2	41.3	41.0	41.2	40.7	40.7	41.0	41.1	41.0
Petroleum and coal products	43.1	42.9	43.1	42.2	42.5	42.7	44.3	43.5	43.5	44.0	44.1	44.0	43.3
Rubber and misc. plastics products	40.5	40.5	39.7	39.9	39.6	39.4	37.9	40.0	39.6	39.8	39.9	40.1	40.2
Leather and leather products	36.4	36.7	36.2	36.7	36.5	36.1	34.1	35.6	35.8	35.6	35.6	35.8	35.5
TRANSPORTATION AND PUBLIC UTILITIES	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
WHOLESALE AND RETAIL TRADE	32.2	32.2	32.1	32.0	32.1	32.0	31.7	32.0	31.9	31.8	32.0	31.9	31.9
WHOLESALE TRADE	38.6	38.6	38.5	38.4	38.5	38.4	38.1	38.5	38.4	38.3	38.5	38.6	38.4
RETAIL TRADE	30.1	30.1	30.1	29.9	30.0	29.9	29.7	29.9	29.8	29.8	30.0	29.8	29.9
FINANCE, INSURANCE, AND REAL ESTATE	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
SERVICES	32.6	32.5	32.5	32.6	32.6	32.6	32.5	32.6	32.6	32.7	32.7	32.6	32.6

[1] For coverage of series, see footnote 1, table B-2.

[2] This series is not published seasonally adjusted since the seasonal component is small relative to the trend-cycle and/or irregular components and consequently cannot be separated with sufficient precision.

p=preliminary

ESTABLISHMENT DATA
SEASONALLY ADJUSTED

C-7. Indexes of aggregate weekly hours of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division and major manufacturing group, seasonally adjusted

(1977=100)

Industry division and group	1981						1982						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June[p]	July[p]
TOTAL PRIVATE	108.6	108.5	107.8	107.7	107.3	106.3	104.3	106.2	105.6	105.2	105.7	104.9	105.3
GOODS PRODUCING	102.6	102.0	99.8	99.7	98.4	96.3	91.4	95.6	93.9	93.0	93.3	92.0	91.9
MINING	146.4	142.9	142.7	143.9	145.0	145.5	141.6	143.7	142.6	138.4	133.6	127.2	127.8
CONSTRUCTION	108.8	107.4	102.4	106.1	106.9	104.2	96.8	102.9	101.1	100.9	104.5	101.2	102.0
MANUFACTURING	99.7	99.0	97.3	96.4	94.6	92.5	88.0	91.9	90.3	89.3	89.2	88.6	88.3
DURABLE GOODS	100.3	99.6	97.4	96.4	94.0	91.4	87.3	90.6	89.1	87.8	87.8	86.9	86.7
Lumber and wood products	89.8	87.3	84.1	81.8	79.2	77.2	70.9	77.5	76.1	77.6	79.5	79.5	79.4
Furniture and fixtures	99.7	98.7	95.6	95.9	93.1	92.6	80.9	90.0	88.3	87.8	88.1	89.0	89.8
Stone, clay, and glass products	92.0	91.8	90.1	88.2	86.6	83.9	79.3	82.4	81.1	80.2	81.1	80.6	80.3
Primary metal industries	93.3	93.4	92.3	88.6	85.4	81.9	78.5	79.7	77.1	73.6	71.0	70.2	70.0
Fabricated metal products	98.7	97.8	95.4	94.2	91.6	89.3	85.1	88.1	87.0	85.8	85.5	84.2	84.3
Machinery, except electrical	111.7	111.9	109.6	110.4	108.7	106.2	101.6	104.4	101.5	99.2	96.0	94.9	92.9
Electric and electronic equipment	107.8	107.6	105.7	104.9	101.5	99.6	97.2	100.4	98.6	97.8	98.0	97.9	98.7
Transportation equipment	93.4	91.6	88.2	87.6	85.4	80.7	78.3	81.8	81.7	81.4	82.3	82.8	83.1
Instruments and related products	114.6	114.7	114.1	113.0	111.7	110.6	107.3	109.3	108.5	107.4	108.5	107.7	107.2
Miscellaneous manufacturing ind	93.7	91.4	90.5	91.1	91.0	89.3	84.8	86.8	86.2	84.2	84.4	83.3	83.8
NONDURABLE GOODS	98.6	98.1	97.2	96.5	95.4	94.1	89.0	93.8	92.0	91.5	91.4	91.0	90.5
Food and kindred products	98.2	96.7	96.3	97.2	97.3	97.7	95.6	98.9	96.8	95.5	96.2	95.5	94.3
Tobacco manufactures	101.7	104.8	98.3	96.1	94.6	92.1	93.6	94.6	93.6	89.6	88.7	91.3	87.8
Textile mill products	90.8	89.3	87.0	85.8	83.9	80.7	67.7	79.9	76.5	78.0	77.0	74.9	75.9
Apparel and other textile products	95.3	95.3	93.4	93.3	92.7	90.5	79.6	90.8	87.7	85.3	85.3	85.9	84.8
Paper and allied products	100.1	99.5	101.6	98.3	96.6	95.2	93.7	95.4	93.9	94.0	92.8	92.5	92.9
Printing and publishing	106.8	107.0	106.7	106.8	106.5	106.5	105.8	107.2	106.7	106.2	105.5	105.5	104.8
Chemicals and allied products	102.2	102.2	103.2	100.9	99.5	98.9	97.6	97.6	96.4	95.3	95.7	95.1	94.9
Petroleum and coal products	104.5	102.5	102.9	100.1	100.0	99.7	98.7	96.1	96.1	96.5	96.7	95.7	93.4
Rubber and misc. plastics products	103.3	103.6	100.6	99.0	96.3	94.3	90.0	94.0	92.3	94.0	94.6	95.3	95.9
Leather and leather products	91.2	91.0	89.3	90.1	88.3	85.1	79.1	79.5	79.5	79.5	78.1	78.1	75.7
SERVICE PRODUCING	112.1	112.1	112.2	112.1	112.2	111.8	111.4	112.1	112.0	111.9	112.5	112.0	112.2
TRANSPORTATION AND PUBLIC UTILITIES	105.8	105.2	105.2	104.2	104.4	103.6	102.8	103.7	103.3	102.8	102.6	101.9	101.5
WHOLESALE AND RETAIL TRADE	106.7	106.9	106.8	106.2	106.3	105.4	105.2	106.3	105.9	105.5	106.5	105.8	106.0
WHOLESALE TRADE	112.3	112.4	112.0	111.6	111.8	111.0	109.7	110.7	110.2	109.5	110.3	109.9	109.2
RETAIL TRADE	104.6	104.8	104.9	104.1	104.3	103.3	103.4	104.6	104.2	103.9	105.1	104.2	104.8
FINANCE, INSURANCE, AND REAL ESTATE	117.6	117.9	117.4	117.6	117.4	117.4	116.9	116.8	117.1	117.0	117.9	117.5	117.8
SERVICES	119.4	119.3	119.6	120.4	120.6	120.8	120.3	120.9	121.1	121.5	121.8	121.7	121.9

[1] For coverage of series, see footnote 1, table B-2.

p=preliminary.

C-8. Hourly Earnings Index and average hourly and weekly earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls, seasonally adjusted

Industry	1981						1982						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June[p]	July[p]
	Hourly Earnings Index[2] (1977=100)												
TOTAL PRIVATE (in current dollars)	139.1	140.3	141.4	142.0	143.0	143.5	144.9	145.0	145.4	146.3	147.7	148.0	148.7
MINING[3]	149.0	149.5	151.7	151.6	153.4	153.6	156.2	156.0	156.0	156.5	158.0	159.6	160.5
CONSTRUCTION	132.2	132.9	133.5	134.7	135.7	136.6	139.9	137.9	138.1	138.7	139.9	139.7	140.3
MANUFACTURING	142.4	143.5	144.7	145.4	146.4	146.9	148.9	149.1	149.4	150.8	151.8	152.5	153.3
TRANSPORTATION AND PUBLIC UTILITIES	139.0	141.6	141.5	142.3	143.5	144.3	145.5	146.0	146.3	146.9	148.2	149.0	149.0
WHOLESALE AND RETAIL TRADE	138.4	139.7	141.0	140.5	141.3	141.7	142.1	142.5	142.8	143.7	145.1	145.2	145.3
FINANCE, INSURANCE, AND REAL ESTATE	137.8	140.1	140.4	141.4	142.6	142.9	143.1	143.3	143.8	144.9	146.0	146.8	148.1
SERVICES	137.4	139.2	139.7	140.9	142.2	142.6	143.4	143.7	143.9	145.1	146.5	147.1	148.8
TOTAL PRIVATE (in 1977 dollars)[4]	92.2	92.5	92.1	92.1	92.3	92.3[r]	92.9	92.8	93.1	93.7	93.7	93.9	-
	Average hourly earnings												
TOTAL PRIVATE	$7.27	$7.34	$7.37	$7.40	$7.45	$7.46	$7.52	$7.53	$7.54	$7.59	$7.65	$7.66	$7.70
MINING	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
CONSTRUCTION	10.82	10.93	10.95	11.06	11.14	11.22	11.52	11.34	11.39	11.43	11.54	11.51	11.55
MANUFACTURING	8.03	8.09	8.14	8.16	8.20	8.20	8.38	8.34	8.37	8.44	8.48	8.52	8.56
TRANSPORTATION AND PUBLIC UTILITIES	9.66	9.84	9.86	9.89	9.97	10.02	10.09	10.13	10.15	10.18	10.24	10.29	10.25
WHOLESALE AND RETAIL TRADE	5.94	5.98	6.03	6.03	6.06	6.08	6.09	6.10	6.12	6.16	6.20	6.21	6.22
FINANCE, INSURANCE, AND REAL ESTATE	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
SERVICES	6.42	6.51	6.54	6.58	6.63	6.65	6.71	6.72	6.72	6.80	6.85	6.88	6.97
	Average weekly earnings												
TOTAL PRIVATE													
Current dollars	256.63	258.37	257.95	259.74	261.50	261.10	258.69	263.55	263.15	264.89	267.75	266.57	268.73
1977 dollars[4]	170.18	170.09	168.05	168.44	168.82	167.91	165.93	168.62	168.79	169.69	169.89	167.94	-

[1] For coverage of series, see footnote 1, table B-2.

[2] The index excludes effects of two types of changes that are unrelated to underlying wage-rate developments. Fluctuations in overtime premiums in manufacturing (the only sector for which overtime data are available) and the effects of changes in the proportion of workers in high-wage and low-wage industries.

[3] The unadjusted data are shown because the seasonal component is small relative to the trend-cycle and/or irregular components and consequently cannot be separated with sufficient precision.

[4] The deflator for these series is derived from the Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W).

[5] See footnote 2, table C-6.

[p] preliminary.

C-9. Hours of wage and salary workers[1] in nonagricultural establishments by industry division

Industry division	Millions of hours (Annual rate)[2]			Percent change		
	May 1982[r]	June 1982[r]	July 1982[p]	July 1981 to July 1982	May 1982 to June 1982	June 1982 to July 1982
TOTAL	167,989	166,497	166,792	-2.5	-0.9	0.2
PRIVATE SECTOR	136,787	135,792	135,971	-2.9	-0.7	0.1
MINING	2,582	2,494	2,488	-6.3	-3.4	-0.3
CONSTRUCTION	7,747	7,497	7,567	-5.4	-3.2	0.9
MANUFACTURING	39,057	38,809	38,656	-8.7	-0.6	-0.4
DURABLE GOODS	23,348	23,177	23,097	-10.3	-0.7	-0.3
NONDURABLE GOODS	15,709	15,632	15,559	-6.3	-0.5	-0.5
TRANSPORTATION AND PUBLIC UTILITIES	10,367	10,307	10,269	-3.6	-0.6	-0.4
WHOLESALE AND RETAIL TRADE	34,604	34,328	34,471	-0.6	-0.8	0.4
FINANCE, INSURANCE, AND REAL ESTATE	10,138	10,096	10,111	0.8	-0.4	0.1
SERVICES	32,292	32,261	32,410	2.6	-0.1	0.5
GOVERNMENT	31,202	30,705	30,821	-0.8	-1.6	0.4

[1] Data refer to hours of all employees—production workers, nonsupervisory workers and salaried workers—and are based largely on establishment data. See *BLS Handbook of Methods for Surveys and Studies*, BLS Bulletin 1910—Chapter 30, Productivity Measures: Private Economy and Major Sectors.

[2] "Annual rate" refers to total hours paid for 1 week in the month, expressed as a seasonally adjusted annual equivalent.

PRODUCTIVITY
SEASONALLY ADJUSTED

C-10. Indexes of output and compensation per hour, unit costs, and prices, private business sector, seasonally adjusted

(1977=100)

Item	Annual average		Quarterly indexes										
			1979	1980				1981				1982	
	1980	1981	IV	I	II	III	IV	I	II	III	IV	I	II
BUSINESS SECTOR													
Output per hour of all persons	r98.9	r100.7	99.1	r99.3	r98.2	r98.9	r99.3	r100.7	r100.7	r101.0	100.2	r100.6	p101.2
Output	r106.2	r108.9	r107.9	r107.9	r104.7	r105.3	r107.0	r109.1	r109.1	r109.6	r107.8	r106.3	p106.7
Hours	r107.4	r108.2	r108.8	r108.7	r106.6	r106.5	r107.7	r108.3	r108.3	108.5	r107.5	r105.8	p105.5
Compensation per hour	r131.4	r148.1	r123.0	r126.7	r130.0	133.1	r136.1	r140.0	r142.5	r145.6	r148.2	r151.7	p154.3
Real compensation per hour	96.7	r96.0	r97.8	r97.0	r96.4	96.9	r96.2	r96.2	r96.4	r95.7	r95.6	r97.1	p97.6
Unit labor costs	r132.9	r143.1	r124.1	r127.6	r132.3	r134.7	r137.0	r139.0	r141.5	r144.2	r147.9	r151.0	p152.5
Unit nonlabor payments	r119.3	r135.2	r113.2	r116.0	r116.2	r120.6	r124.6	r131.8	r133.4	r137.4	r138.3	r136.3	p139.7
Implicit price deflator	r128.3	r140.4	r120.4	r123.7	r126.9	r129.9	r132.8	r136.5	r138.8	r141.9	r144.6	r146.0	p147.8
NONFARM BUSINESS SECTOR													
Output per hour of all persons	r98.5	r99.9	98.8	r98.7	r97.6	r98.4	r99.2	r100.4	r100.0	r100.0	r99.1	r99.7	p100.3
Output	r106.3	r108.6	r108.0	r107.9	r104.6	r105.3	r107.3	r109.2	r109.0	r109.1	r107.1	r106.0	p106.4
Hours	r108.0	r108.7	r109.2	r109.3	r107.2	r107.0	r108.2	r108.8	109.0	109.1	r108.1	r106.3	p106.1
Compensation per hour	r130.9	r143.6	r122.7	r126.2	r129.3	r132.6	r135.7	r139.5	r142.0	r145.1	r147.7	r151.3	p153.5
Real compensation per hour	r96.3	r95.7	r97.6	r96.6	96.0	r 96.5	r95.9	r96.0	r96.0	r95.4	r95.3	r96.8	p97.2
Unit labor costs	r133.0	r143.8	r124.1	r127.8	r132.5	r134.7	136.8	r139.0	141.9	r145.1	r149.0	r151.7	p153.1
Unit nonlabor payments	r119.1	r134.8	r111.3	r115.2	r116.7	r120.3	r124.4	r131.5	r132.8	r136.7	r138.4	r136.6	p139.1
Implicit price deflator	r128.3	r140.8	r119.8	r123.6	r127.2	r129.9	r132.7	r136.5	r138.9	r142.3	r145.5	r146.8	p148.4
MANUFACTURING													
Output per hour of all persons	101.7	r104.5	r101.9	r102.6	r100.4	r100.3	r103.6	r105.2	r105.0	105.0	r102.8	r102.1	p102.3
Output	103.6	r105.9	r107.9	r107.8	r101.6	99.9	r105.0	106.7	r107.5	r107.4	r102.0	r98.2	p96.9
Hours	r101.8	r101.3	r105.9	r105.1	r101.1	r99.6	r101.3	r101.5	r102.4	r102.3	r99.2	r96.2	p94.8
Compensation per hour	r132.8	r146.4	r122.6	r127.1	r130.9	r135.2	r139.4	r142.6	r144.9	r147.3	r150.7	154.7	p157.5
Real compensation per hour	r97.7	r97.5	r97.4	r97.3	r97.1	r98.5	r97.8	r98.0	97.9	r96.8	r97.2	99.0	p99.7
Unit labor costs	r130.6	r140.0	r120.3	r123.9	r130.3	r134.9	r133.6	r135.5	r138.0	r140.3	r146.6	r151.5	p154.0
DURABLE GOODS													
Output per hour of all persons	r100.3	r103.4	r100.7	r101.2	r99.2	r98.3	r102.2	r104.2	r104.0	r103.7	r101.5	r100.2	p100.4
Output	r103.5	r106.1	r109.3	r108.9	r101.4	r98.8	r104.9	r107.0	r108.2	r107.8	r101.6	r96.8	p95.2
Hours	103.2	r102.6	r108.5	r107.6	r102.2	r100.4	r102.7	r102.7	r104.0	r103.9	100.0	r96.5	p94.8
Compensation per hour	r132.6	r146.5	r121.6	r126.6	r130.4	r135.0	r138.5	r142.7	r144.7	r147.2	r151.0	r154.8	p157.7
Real compensation per hour	r97.5	r97.6	96.6	r96.9	r96.8	r98.3	r97.9	r98.2	r97.9	r96.7	r97.4	r99.1	p99.8
Unit labor costs	r132.2	r141.6	r120.7	125.1	r131.4	r137.3	r135.6	r137.0	r139.2	r142.0	r148.7	r154.4	p157.0
NONDURABLE GOODS													
Output per hour of all persons	r104.0	r106.2	r103.7	r104.7	r102.3	r103.2	r105.8	106.7	r106.5	r107.0	r104.6	r104.9	p105.1
Output	r103.7	r105.6	r105.8	r106.2	r101.8	r101.5	r105.1	r106.4	r106.5	r106.9	r102.6	r100.4	p99.5
Hours	r99.7	r99.4	102.0	r101.5	99.5	98.4	r99.3	r99.7	r99.9	r99.8	r98.1	r95.7	p94.7
Compensation per hour	r132.8	r145.6	r123.6	r127.2	r131.3	r135.4	r137.6	r141.8	r144.4	r146.7	r149.6	r154.3	p157.3
Real compensation per hour	r97.7	r97.0	r98.3	r97.3	r97.4	r98.6	r97.2	r97.5	r97.7	r96.5	r96.5	r98.8	p99.6
Unit labor costs	r127.7	r137.1	r119.1	r121.5	r128.4	r131.2	r130.1	r132.9	r135.6	r137.1	r143.1	r147.2	p149.7
NONFINANCIAL CORPORATIONS													
Output per all-employee hour	r100.8	r102.7	r100.6	r100.8	r99.9	r101.2	r101.7	r102.9	r102.9	r102.9	r102.3	r103.1	N.A
Output	r108.1	r110.7	r109.9	r109.8	r106.5	r107.1	r109.0	r111.0	r111.1	r111.5	r109.4	r107.9	N.A
Hours	r107.2	r107.9	r109.2	r109.0	r106.6	r105.9	r107.1	r107.8	r108.0	r108.4	r107.0	r104.7	N.A
Compensation per hour	r131.6	r144.4	r123.1	r126.8	r130.0	r133.4	r136.5	r140.5	r142.9	r145.8	r148.7	r152.8	N.A
Real compensation per hour	r96.8	r96.2	r97.9	r97.1	r96.5	r97.2	r96.4	r96.6	r96.6	r95.8	r95.9	r97.8	N.A
Total unit costs	r131.0	r143.4	r121.4	r125.0	r130.4	r132.9	r135.8	r138.3	r141.7	r144.7	r149.1	r151.8	N.A
Unit labor costs	r130.5	r140.6	r122.4	r125.8	r130.2	r131.9	r134.1	r136.5	r138.9	r141.7	r145.4	r148.3	N.A
Unit nonlabor costs	r132.5	r151.4	r118.7	r122.7	r131.0	r135.7	r140.7	r143.4	r149.6	r153.1	r159.6	r161.8	N.A
Unit profits	r87.9	r101.6	r84.1	r91.1	r81.9	r87.8	r90.5	r104.7	r98.8	r105.2	r97.6	r86.1	N.A
Implicit price deflator	r126.1	r138.6	r117.1	r121.1	r124.8	r127.7	r130.6	r134.5	r136.8	r140.2	r143.2	r144.3	N.A

p=preliminary.
r=revised.

PRODUCTIVITY
SEASONALLY ADJUSTED

C-11. Percent changes from preceding quarter and year in productivity, hourly compensation, unit costs, and prices, private business sector, seasonally adjusted at annual rate

Item	Quarterly percent change						Annual percent change					
	1980 IV to 1981 I	1981 I to 1981 II	1981 II to 1981 III	1981 III to 1981 IV	1981 IV to 1982 I	1982 I to 1982 II	1980 I to 1981 I	1980 II to 1981 II	1980 III to 1981 III	1980 IV to 1981 IV	1981 I to 1982 I	1981 II to 1982 II
BUSINESS SECTOR												
Output per hour of all persons	r5.6	r0.0	r1.1	r-2.9	r0.8	p2.9	r1.4	r2.5	r2.2	r0.9	r-0.1	p0.5
Output	7.9	-0.1	r1.9	r-6.4	r-5.5	p1.7	r1.1	r4.1	r4.1	r0.7	r-1.6	p-7.7
Hours	r2.1	r-0.1	0.8	r-3.6	r-6.3	p-1.1	r-0.4	r1.6	r1.9	r-0.2	r-2.3	p-7.6
Compensation per hour	r11.7	r7.5	r9.0	r7.4	r9.6	p7.1	r10.5	r9.7	r9.4	r8.9	r8.4	p8.2
Real compensation per hour	r0.2	r0.5	r-2.6	r-0.4	r6.1	p2.4	r-0.7	r-0.1	r-1.3	r-0.6	r0.8	p1.1
Unit labor costs	r5.7	r7.5	r7.8	r10.6	8.6	p4.1	r8.9	r6.9	r7.1	r7.9	r8.6	p7.6
Unit nonlabor payments	r25.0	r4.9	r12.5	r2.9	r-5.9	p7.5	r13.7	r14.8	r13.9	r11.0	r3.4	p4.0
Implicit price deflator	r11.6	r6.6	r9.3	r8.0	r3.8	p6.2	r10.4	r9.4	r9.7	8.9	r6.9	p6.5
NONFARM BUSINESS SECTOR												
Output per hour of all persons	r4.9	r-1.3	r-0.3	r-3.5	r2.6	p2.3	r1.7	r2.5	r1.6	r-0.1	r-0.7	p0.2
Output	r7.2	r-0.8	r0.3	r-7.1	r-4.2	p1.8	r1.7	r4.7	r3.6	r-0.2	r-3.0	p-2.3
Hours	r2.2	r 0.5	r0.6	r-3.7	r-6.6	p-0.4	r-0.4	r1.6	r2.0	r-0.1	r-2.4	p-2.6
Compensation per hour	r11.8	r7.1	r9.0	r7.3	r10.1	p6.2	r10.6	r9.8	r9.4	r8.8	r8.4	p8.2
Real compensation per hour	r0.4	r0.1	r-2.6	r-0.5	r6.6	p1.5	r-0.6	r0.0	r-1.2	r-0.6	r0.9	p1.2
Unit labor costs	r6.6	r8.6	r9.3	r11.2	r7.4	p3.8	r8.8	r7.1	r7.1	r8.9	r9.1	p7.9
Unit nonlabor payments	r24.9	r4.0	r12.1	r5.1	r-5.1	p7.8	r14.1	r13.8	r13.6	r11.2	r3.8	p4.8
Implicit price deflator	r12.1	r7.1	r10.2	r9.2	r3.3	p5.0	r10.4	r9.2	r9.6	r9.6	r7.4	p6.9
MANUFACTURING												
Output per hour of all persons	r6.3	r-0.7	r-0.1	r-8.2	r-2.6	p0.9	r2.6	r4.5	r4.7	r-0.8	-3.0	p-2.6
Output	r6.9	2.8	-0.4	-18.7	r-14.0	p-5.0	r-1.0	r5.8	r7.5	-2.9	r-8.0	p-9.8
Hours	r0.5	r3.6	r0.3	r-11.4	r-11.7	p-5.9	r-3.5	r1.2	r2.7	r-2.1	-5.2	p-7.4
Compensation per hour	r12.7	r6.6	r6.8	r9.6	r11.1	p7.6	r12.2	r10.7	r8.9	r8.9	r8.5	p8.8
Real compensation per hour	r1.2	r-0.4	r-4.6	r1.6	r7.6	p2.9	r0.8	r0.9	r-1.7	r-0.6	r1.0	p1.8
Unit labor costs	r6.0	r7.3	r6.8	r19.4	r14.1	p6.7	r9.3	r5.9	r4.0	r9.8	r11.8	p11.6
DURABLE GOODS												
Output per hour of all persons	r8.2	r-0.7	r-1.3	r-8.0	r-5.1	p0.9	r3.0	r4.8	r5.4	r-0.6	-3.8	p-3.4
Output	r8.0	r4.5	r-1.6	-21.1	-17.6	p-6.2	r-1.7	r6.7	r9.1	r-3.2	-9.6	p-12.0
Hours	r-0.2	r5.3	r-0.3	r-14.2	r-13.2	p-7.0	r-4.6	r1.8	r3.5	r-2.6	r-6.0	p-9.0
Compensation per hour	r12.8	r5.7	r6.9	r10.9	r10.3	p7.7	r12.7	r11.0	r9.0	r9.1	r8.4	p8.9
Real compensation per hour	r1.3	r-1.2	r-4.5	r2.9	r6.8	p3.0	r1.3	r1.1	r-1.6	r-0.4	r0.9	p1.9
Unit labor costs	r4.3	r6.5	r8.3	r20.5	r16.1	p6.8	r9.5	r5.9	r3.4	r9.7	r12.7	p12.8
NONDURABLE GOODS												
Output per hour of all persons	r3.5	r-0.7	r1.8	r-8.8	r1.0	p0.9	r2.0	r4.2	r3.7	r-1.1	r-1.8	p-1.3
Output	r5.2	r0.3	r1.4	r-15.1	r-8.4	p-3.4	r0.1	r4.6	r5.3	r-2.4	-5.7	p-6.5
Hours	r1.6	r1.0	r-0.4	r-6.9	r-9.3	p-4.3	r-1.8	r0.4	r1.5	r-1.2	r-4.0	p-5.3
Compensation per hour	r12.8	r7.6	r6.5	r8.2	r13.2	p7.9	r11.5	r10.0	r8.4	r8.7	r8.8	p8.9
Real compensation per hour	r1.2	r0.6	r-4.8	r0.3	r9.6	p3.2	r0.2	r0.2	r-2.2	r-0.7	r1.3	p2.0
Unit labor costs	r9.0	r8.3	r4.6	r18.5	r12.1	p6.9	r9.4	r5.6	r4.5	r10.0	r10.8	p10.4
NONFINANCIAL CORPORATIONS												
Output per all-employee hour	r4.7	r-0.2	r0.1	r-2.5	r3.2	N.A	r2.1	r3.0	r1.7	r0.5	r0.1	N.A
Output	r7.4	r0.6	r1.5	r-7.5	r-5.2	N.A	r1.0	r4.4	r4.1	r0.3	r-2.7	N.A
Hours	r2.6	r0.8	r1.3	r-5.1	r-8.2	N.A	r-1.1	r1.3	r2.4	r-0.2	r-2.9	N.A
Compensation per hour	r12.4	r7.1	r8.4	r8.1	r11.6	N.A	10.8	r9.9	r9.3	r9.0	r8.8	N.A
Real compensation per hour	r0.9	r0.1	r-3.2	r0.3	r8.0	N.A	r-0.5	r0.2	r-1.4	r-0.5	r1.2	N.A
Total unit costs	r7.5	r10.2	r8.6	r12.8	r7.4	N.A	r10.6	r8.7	r8.9	r9.8	r9.7	N.A
Unit labor costs	r7.4	r7.3	r8.2	r10.9	r8.1	N.A	r8.5	r6.7	r7.5	r8.4	r8.6	N.A
Unit nonlabor costs	r8.0	r18.5	r9.8	r17.8	r6.7	N.A	r16.9	r14.2	r12.9	r13.4	r12.8	N.A
Unit profits	r79.5	r-20.8	r28.4	r-25.9	r-39.4	N.A	r14.9	r20.7	19.7	r7.9	r-17.8	N.A
Implicit price deflator	r12.3	r7.1	r10.2	r8.9	r3.0	N.A	r11.0	r9.6	r9.7	r9.6	r7.3	N.A

p=preliminary.
r=revised.

C-12. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	JUNE 1981	MAY 1982	JUNE 1982P	JUNE 1981	MAY 1982	JUNE 1982P	JUNE 1981	MAY 1982	JUNE 1982P
ALABAMA	$281.29	$283.75	$290.14	40.3	39.3	39.8	$6.98	$7.22	$7.29
Birmingham	312.48	312.42	318.37	40.0	38.1	39.5	7.81	8.20	8.06
Mobile	358.00	366.79	367.20	40.0	40.8	40.0	8.95	8.99	9.18
ALASKA	436.31	512.74	(*)	37.3	39.2	(*)	11.70	13.08	(*)
ARIZONA	316.01	340.65	346.92	39.7	39.2	39.2	7.96	8.69	8.85
ARKANSAS	250.22	256.74	262.40	40.1	38.9	39.4	6.24	6.60	6.66
Fayetteville—Springdale	225.68	234.08	234.30	40.3	38.5	38.6	5.60	6.08	6.07
Fort Smith	254.27	250.04	248.20	39.3	37.6	37.1	6.47	6.65	6.69
Little Rock—North Little Rock	283.61	303.76	303.00	40.6	39.5	39.3	7.02	7.69	7.71
Pine Bluff	320.02	357.86	359.53	41.4	42.2	42.1	7.73	8.48	8.54
CALIFORNIA	338.86	361.56	362.60	39.7	39.3	39.2	8.48	9.20	9.25
COLORADO	325.94	332.54	333.38	39.7	39.4	39.5	8.21	8.44	8.44
Denver—Boulder	323.11	333.20	338.12	39.5	39.2	39.5	8.18	8.50	8.56
CONNECTICUT	315.35	331.29	330.04	41.8	40.5	40.2	7.64	8.18	8.21
Bridgeport	340.49	344.87	346.92	43.1	41.5	41.3	7.90	8.31	8.40
Hartford	334.13	358.28	356.47	41.2	40.9	40.6	8.11	8.76	8.78
New Britain	335.20	325.01	338.15	42.7	39.3	40.4	7.85	8.27	8.37
New Haven—West Haven	299.95	311.20	311.08	40.1	38.9	38.5	7.48	8.00	8.08
Stamford	295.40	298.65	301.78	41.2	39.4	39.5	7.17	7.58	7.64
Waterbury	275.63	274.28	277.89	42.4	40.1	40.1	6.50	6.84	6.93
DELAWARE	357.18	344.96	336.49	43.4	39.2	38.9	8.23	8.80	8.65
Wilmington	400.78	406.53	405.30	42.5	39.7	38.6	9.43	10.24	10.50
DISTRICT OF COLUMBIA:									
Washington SMSA	347.88	366.17	361.68	39.0	39.5	38.6	8.92	9.27	9.37
FLORIDA	263.39	269.01	272.25	40.6	39.1	39.4	6.48	6.88	6.91
Fort Lauderdale—Hollywood	251.54	261.69	259.90	40.9	39.0	39.2	6.15	6.71	6.63
Jacksonville	315.42	310.46	317.60	42.0	39.6	39.8	7.51	7.84	7.98
Lakeland—Winter Haven	312.40	292.94	302.66	44.0	40.8	40.9	7.10	7.18	7.40
Miami	226.69	227.29	230.47	39.7	38.2	38.8	5.71	5.95	5.94
Orlando	281.93	307.19	307.09	41.4	41.4	41.0	6.81	7.42	7.49
Pensacola	332.90	326.40	326.63	42.9	40.0	39.4	7.76	8.16	8.29
Tampa—St. Petersburg	266.09	267.74	271.26	40.5	39.2	39.2	6.57	6.83	6.92
West Palm Beach—Boca Raton	291.21	288.21	292.93	41.9	39.0	39.8	6.95	7.39	7.36
GEORGIA	257.22	262.64	267.42	40.7	39.2	39.5	6.32	6.70	6.77
Atlanta	306.68	319.98	327.62	40.3	39.7	40.1	7.61	8.06	8.17
Savannah	367.36	366.79	381.50	44.8	43.0	43.6	8.20	8.53	8.75
HAWAII	276.36	296.35	288.10	37.6	37.8	36.7	7.35	7.84	7.85
Honolulu	270.42	291.78	283.14	37.3	37.6	36.3	7.25	7.76	7.80
IDAHO	304.79	314.34	324.01	36.9	37.6	37.2	8.26	8.36	8.71
Boise City	274.52	300.94	299.75	37.4	36.7	36.6	7.34	8.20	8.19
ILLINOIS	359.88	365.34	363.92	40.3	39.2	39.3	8.93	9.32	9.26
Bloomington—Normal	330.40	334.78	338.71	40.0	38.0	38.1	8.26	8.81	8.89
Champaign—Urbana—Rantoul	308.27	338.22	377.07	38.2	39.1	41.3	8.07	8.65	9.13
Chicago SMSA	331.20	343.88	350.95	40.0	38.9	39.3	8.28	8.84	8.93
Davenport—Rock Island—Moline	436.30	466.44	466.41	39.7	39.0	38.9	10.99	11.96	11.99
Decatur	421.34	450.04	450.04	39.9	39.1	39.1	10.56	11.51	11.51
Kankakee	285.38	307.88	319.17	36.4	37.5	38.5	7.84	8.21	8.29
Peoria	474.80	479.88	471.17	40.0	37.2	37.1	11.87	12.90	12.70
Rockford	356.00	354.88	365.38	40.0	38.7	39.5	8.90	9.17	9.25
Springfield	385.92	436.65	447.84	39.5	41.0	41.2	9.77	10.65	10.87
INDIANA	379.20	381.81	388.08	40.6	39.2	39.6	9.34	9.74	9.80
Gary—Hammond—East Chicago	502.25	488.42	(*)	40.8	37.6	(*)	12.31	12.99	(*)
Indianapolis	383.16	385.26	(*)	41.2	39.8	(*)	9.30	9.68	(*)
IOWA	377.55	386.54	388.32	39.7	38.5	38.6	9.51	10.04	10.06
Cedar Rapids	373.03	395.58	407.82	39.6	39.4	40.1	9.42	10.04	10.17
Des Moines	369.27	406.45	407.67	37.3	38.2	38.1	9.90	10.64	10.70

See footnotes at end of table.

C-12. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas—Continued

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	JUNE 1981	MAY 1982	JUNE 1982P	JUNE 1981	MAY 1982	JUNE 1982P	JUNE 1981	MAY 1982	JUNE 1982P
IOWA—Continued									
Dubuque	$415.34	$417.47	$412.92	38.9	38.3	37.2	$10.78	$10.90	$11.10
Sioux City	287.60	359.24	357.69	38.5	40.5	40.6	7.47	8.87	8.81
Waterloo—Cedar Falls	504.32	517.78	528.64	39.4	38.1	38.7	12.80	13.59	13.66
KANSAS	321.18	331.87	340.08	40.4	38.5	39.0	7.95	8.62	8.72
Topeka	342.86	313.17	314.64	40.1	36.8	36.8	8.55	8.51	8.55
Wichita	358.66	367.29	364.43	41.9	38.5	38.2	8.56	9.54	9.54
KENTUCKY	314.81	318.52	320.32	39.9	38.1	38.5	7.89	8.36	8.32
Lexington—Fayette	329.54	354.92	375.97	39.8	39.7	41.0	8.28	8.94	9.17
Louisville	366.02	374.42	384.35	39.7	38.8	40.5	9.27	9.65	9.49
LOUISIANA	361.25	373.06	378.55	42.4	40.2	40.4	8.52	9.28	9.37
Baton Rouge	454.30	458.49	472.06	42.3	40.9	41.3	10.74	11.21	11.43
New Orleans	348.91	362.40	364.31	41.0	40.0	39.3	8.51	9.06	9.27
Shreveport	300.11	327.60	342.79	40.5	40.0	41.3	7.41	8.19	8.30
MAINE	268.62	278.50	284.31	40.7	39.9	40.1	6.60	6.98	7.09
Lewiston—Auburn	218.44	229.98	232.16	39.5	38.2	38.5	5.53	6.02	6.03
Portland	245.87	273.39	274.77	38.5	39.0	38.7	6.49	7.01	7.10
MARYLAND	333.20	333.45	342.34	40.0	39.0	39.9	8.33	8.55	8.58
Baltimore	350.61	354.52	366.87	40.3	39.7	40.9	8.70	8.93	8.97
MASSACHUSETTS	284.72	295.81	296.21	40.5	39.6	39.6	7.03	7.47	7.48
Boston	305.78	318.78	319.60	40.5	39.6	39.9	7.55	8.05	8.01
Brockton	224.14	238.70	232.73	39.6	38.5	37.0	5.66	6.20	6.29
Fall River	214.45	204.26	220.58	38.5	35.4	37.9	5.57	5.77	5.82
Lawrence—Haverhill	292.63	297.83	299.34	40.7	39.5	39.7	7.19	7.54	7.54
Lowell	258.08	261.30	268.37	40.2	39.0	39.7	6.42	6.70	6.76
New Bedford	243.07	262.36	265.78	38.4	39.1	39.2	6.33	6.71	6.78
Springfield—Chicopee—Holyoke	286.90	301.59	303.96	41.4	40.7	40.8	6.93	7.41	7.45
Worcester	291.69	301.48	303.03	40.5	38.8	38.9	7.20	7.77	7.79
MICHIGAN	441.60	461.51	474.47	41.8	40.9	41.6	10.56	11.28	11.40
Ann Arbor	495.93	513.63	512.45	43.7	43.2	42.9	11.36	11.90	11.94
Battle Creek	424.90	447.42	463.18	41.4	38.5	39.3	10.26	11.61	11.80
Bay City	400.94	367.41	401.47	42.0	39.0	41.0	9.54	9.42	9.80
Detroit	475.44	506.24	515.79	42.4	42.4	42.9	11.21	11.94	12.01
Flint	529.85	531.26	578.06	43.3	40.4	42.3	12.25	13.15	13.66
Grand Rapids	356.29	367.04	374.76	40.5	38.9	39.8	8.79	9.44	9.42
Jackson	417.19	397.58	403.55	44.4	40.3	40.4	9.40	9.86	9.99
Kalamazoo—Portage	427.42	402.71	402.29	41.6	39.3	39.3	10.28	10.26	10.23
Lansing—East Lansing	479.54	473.58	494.51	39.3	39.3	40.5	12.19	12.05	12.20
Muskegon—Norton Shores—Muskegon Heights	368.33	361.95	369.61	41.2	38.1	38.6	8.94	9.50	9.59
Saginaw	538.10	517.21	574.84	42.6	40.6	43.7	12.63	12.75	13.16
MINNESOTA	330.62	354.76	356.57	39.5	39.2	39.4	8.37	9.05	9.05
Duluth—Superior	329.11	365.24	374.92	39.7	40.9	39.3	8.29	8.93	9.54
Minneapolis—St. Paul	348.88	373.67	375.41	39.6	39.5	39.6	8.81	9.46	9.48
St. Cloud	245.32	252.96	253.48	35.4	34.0	34.3	6.93	7.44	7.39
MISSISSIPPI	237.21	248.32	252.80	39.8	38.8	39.5	5.96	6.40	6.40
Jackson	258.73	276.71	289.07	40.3	39.7	40.6	6.42	6.97	7.12
MISSOURI	316.40	331.57	336.08	40.0	39.1	39.4	7.91	8.48	8.53
Kansas City	365.52	382.18	375.00	40.3	39.4	38.9	9.07	9.70	9.64
St. Joseph	281.64	299.92	295.91	39.5	38.6	37.6	7.13	7.77	7.87
St. Louis	356.31	376.14	383.50	39.9	39.1	39.7	8.93	9.62	9.66
Springfield	307.84	299.83	302.09	41.1	40.3	41.1	7.49	7.44	7.35
MONTANA	372.30	382.48	405.00	42.5	39.8	41.2	8.76	9.61	9.83
NEBRASKA	325.60	331.10	325.91	40.7	39.7	39.6	8.00	8.34	8.23
Lincoln	306.94	311.08	311.92	39.2	37.3	37.4	7.83	8.34	8.34
Omaha	325.44	335.34	329.99	39.4	38.5	37.8	8.26	8.71	8.73
NEVADA	343.18	322.45	318.45	38.1	36.6	36.9	8.22	8.81	8.63
Las Vegas	356.29	347.58	(*)	38.7	38.6	(*)	10.24	10.30	(*)

See footnotes at end of table.

C-12. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas—Continued

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	JUNE 1981	MAY 1982	JUNE 1982P	JUNE 1981	MAY 1982	JUNE 1982P	JUNE 1981	MAY 1982	JUNE 1982P
NEW HAMPSHIRE	$254.23	$272.05	$275.02	40.1	39.6	39.8	$6.34	$6.87	$6.91
Manchester	238.76	253.09	256.71	39.4	39.3	39.8	6.06	6.44	6.45
Nashua	276.59	303.81	310.08	39.4	39.1	39.5	7.02	7.77	7.85
NEW JERSEY	325.68	343.26	345.37	40.7	40.1	40.3	8.01	8.56	8.57
Atlantic City	245.23	251.60	(*)	37.1	37.0	(*)	6.61	6.80	(*)
Camden	331.67	341.82	(*)	40.3	39.7	(*)	8.23	8.61	(*)
Hackensack [1]	291.48	293.92	(*)	41.7	39.4	(*)	6.99	7.46	(*)
Jersey City [1]	308.56	328.03	(*)	40.6	40.2	(*)	7.60	8.16	(*)
New Brunswick—Perth Amboy—Sayreville [1]	375.48	404.86	(*)	42.0	42.0	(*)	8.94	9.64	(*)
Newark [1]	337.77	360.04	(*)	41.7	41.1	(*)	8.10	8.76	(*)
Paterson—Clifton—Passaic [1]	319.73	307.04	(*)	43.5	40.4	(*)	7.35	7.60	(*)
Trenton	321.75	362.91	(*)	39.2	40.1	(*)	8.23	9.05	(*)
NEW MEXICO	259.26	275.10	277.38	40.7	39.3	39.4	6.37	7.00	7.04
Albuquerque	264.04	296.77	294.78	41.0	39.1	39.2	6.44	7.59	7.52
NEW YORK	309.28	322.87	(*)	39.6	38.9	(*)	7.81	8.30	(*)
Albany—Schenectady—Troy	330.08	332.74	337.59	40.6	39.1	39.3	8.13	8.51	8.59
Binghamton	285.93	287.12	293.13	41.3	40.1	40.6	7.02	7.16	7.22
Buffalo	415.34	428.53	441.45	40.6	39.9	40.5	10.23	10.74	10.90
Elmira	316.20	336.40	341.54	40.8	40.0	39.9	7.75	8.41	8.56
Monroe County [1]	416.94	443.31	449.60	41.2	41.2	41.4	10.12	10.76	10.86
Nassau—Suffolk [1]	295.54	316.79	318.78	40.1	39.5	39.6	7.37	8.02	8.05
New York—Northeastern New Jersey	294.92	310.44	(*)	39.8	39.0	(*)	7.41	7.96	(*)
New York and Nassau—Suffolk [1]	268.48	283.88	284.24	38.3	37.6	37.4	7.01	7.55	7.60
New York SMSA [1]	261.20	274.91	274.16	37.8	37.1	36.8	6.91	7.41	7.45
New York City [1]	254.76	267.91	269.37	37.3	36.6	36.5	6.83	7.32	7.38
Poughkeepsie	327.24	321.07	321.88	43.4	40.9	40.9	7.54	7.85	7.87
Rochester	392.78	419.43	425.18	41.0	41.0	41.2	9.58	10.23	10.32
Rockland County [1]	300.70	317.75	322.76	40.2	38.1	38.7	7.48	8.34	8.34
Syracuse	341.11	357.54	352.84	40.9	40.4	39.6	8.34	8.85	8.91
Utica—Rome	301.02	304.98	301.85	40.9	39.0	39.1	7.36	7.82	7.72
Westchester County [1]	310.38	328.68	308.89	42.0	41.5	39.5	7.39	7.92	7.82
NORTH CAROLINA	231.66	235.75	239.78	39.6	37.6	38.0	5.85	6.27	6.31
Asheville	229.43	234.35	237.90	39.9	38.8	39.0	5.75	6.04	6.10
Charlotte—Gastonia	240.31	241.67	245.60	40.8	38.3	38.8	5.89	6.31	6.33
Greensboro—Winston-Salem—High Point	252.98	254.29	263.67	39.1	36.8	37.4	6.47	6.91	7.05
Raleigh—Durham	268.94	277.59	278.89	40.2	38.5	38.1	6.69	7.21	7.32
NORTH DAKOTA	271.60	280.09	280.50	38.2	37.0	37.3	7.11	7.57	7.52
Fargo—Moorhead	286.50	282.36	297.42	37.5	37.3	37.6	7.64	7.57	7.91
OHIO	397.44	403.61	412.09	41.4	40.2	40.6	9.60	10.04	10.15
Akron	404.07	400.98	405.15	42.4	41.0	41.3	9.53	9.78	9.81
Canton	354.30	394.06	405.34	40.4	38.9	39.7	9.76	10.13	10.21
Cincinnati	358.90	386.92	392.90	41.3	40.6	40.8	8.69	9.53	9.63
Cleveland	411.18	409.86	420.86	42.0	40.5	41.1	9.79	10.12	10.24
Columbus	345.14	368.02	373.86	39.9	39.7	40.2	8.65	9.27	9.30
Dayton	410.98	402.40	429.30	42.5	40.0	41.2	9.67	10.06	10.42
Toledo	411.76	447.31	457.87	41.3	41.0	41.7	9.97	10.91	10.98
Youngstown—Warren	484.38	459.81	467.60	41.4	39.3	40.0	11.70	11.70	11.69
OKLAHOMA	327.24	340.34	346.00	40.4	39.3	40.0	8.10	8.66	8.65
Oklahoma City	340.69	353.95	361.67	39.8	39.3	39.7	8.56	8.93	9.11
Tulsa	358.48	368.24	368.94	41.3	39.3	39.0	8.68	9.37	9.46
OREGON	357.95	381.90	394.98	37.6	38.0	38.8	9.52	10.05	10.18
Eugene—Springfield	366.00	389.88	(*)	38.6	38.0	(*)	10.00	10.26	(*)
Jackson County	347.63	356.57	(*)	37.1	38.8	(*)	9.37	9.19	(*)
Portland	360.75	377.63	(*)	38.5	37.5	(*)	9.37	10.07	(*)
Salem	311.75	326.55	361.90	34.6	35.0	35.0	8.98	9.33	10.34
PENNSYLVANIA	325.05	326.61	329.18	39.4	38.2	38.5	8.25	8.55	8.55
Allentown—Bethlehem—Easton	326.32	325.68	330.13	38.3	36.8	37.6	8.52	8.85	8.78
Altoona	284.71	287.96	286.83	40.1	39.5	39.4	7.10	7.29	7.28
Delaware Valley [1]	336.47	338.24	337.85	40.2	38.7	38.7	8.37	8.74	8.73
Erie	351.10	358.38	358.89	41.6	39.6	39.7	8.44	9.05	9.04
Harrisburg	304.07	321.48	319.99	39.8	38.5	38.6	7.64	8.35	8.29
Johnstown	329.88	312.02	316.09	37.7	35.7	36.5	8.75	8.74	8.66

See footnotes at end of table.

C-12. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas—Continued

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	JUNE 1981	MAY 1982	JUNE 1982P	JUNE 1981	MAY 1982	JUNE 1982P	JUNE 1981	MAY 1982	JUNE 1982P
PENNSYLVANIA—Continued									
Lancaster	$285.26	$294.53	$298.76	39.4	38.3	38.8	$7.24	$7.69	$7.70
Northeast Pennsylvania	231.23	254.45	257.74	36.3	37.2	37.3	6.37	6.84	6.91
Philadelphia SMSA	334.49	338.34	(*)	40.3	38.8	(*)	8.30	8.72	(*)
Pittsburgh	399.37	399.92	397.13	40.3	37.8	37.5	9.91	10.58	10.59
Reading	305.27	317.29	316.36	39.8	38.6	38.3	7.67	8.22	8.26
Williamsport	298.23	303.80	311.66	39.5	39.2	39.5	7.55	7.75	7.89
York	303.89	305.34	315.61	40.9	38.7	39.6	7.43	7.89	7.97
RHODE ISLAND	242.61	257.94	259.62	40.1	39.2	39.1	6.05	6.58	6.64
Providence—Warwick—Pawtucket	241.60	254.41	256.50	40.2	39.2	39.1	6.01	6.49	6.56
SOUTH CAROLINA	249.08	252.95	253.48	40.9	38.5	38.7	6.09	6.57	6.55
Charleston—North Charleston	263.74	273.26	281.94	38.9	37.6	38.1	6.78	7.21	7.40
Columbia	243.61	247.15	241.12	40.2	38.2	37.5	6.06	6.47	6.43
Greenville—Spartanburg	247.20	249.60	250.90	41.2	38.4	38.9	6.00	6.50	6.45
SOUTH DAKOTA	281.37	297.60	299.60	41.5	40.0	40.0	6.78	7.44	7.49
Sioux Falls	370.98	426.50	419.43	45.8	44.8	43.6	8.10	9.52	9.62
TENNESSEE	273.50	275.41	282.66	40.7	38.9	39.7	6.72	7.08	7.12
Chattanooga	270.58	267.42	274.40	41.5	38.7	39.2	6.52	6.91	7.00
Knoxville	293.09	316.34	319.90	39.5	39.2	39.3	7.42	8.07	8.14
Memphis	299.36	311.20	319.39	40.4	40.0	41.0	7.41	7.78	7.79
Nashville—Davidson	302.81	316.79	325.48	40.7	40.1	41.2	7.44	7.90	7.90
TEXAS	327.85	339.65	347.90	41.5	40.1	40.5	7.90	8.47	8.59
Dallas—Fort Worth	312.30	323.60	332.09	41.2	40.0	40.4	7.58	8.09	8.22
Houston	416.21	424.51	435.50	43.4	41.7	42.2	9.59	10.18	10.32
San Antonio	234.09	249.46	253.94	40.5	40.3	40.5	5.78	6.19	6.27
UTAH	303.64	320.32	323.33	39.9	38.5	38.4	7.61	8.32	8.42
Salt Lake City—Ogden	295.57	317.77	317.89	40.6	38.8	38.3	7.28	8.19	8.30
VERMONT	269.05	280.19	284.65	39.8	38.7	39.1	6.76	7.24	7.28
Burlington	303.60	317.02	314.81	42.7	40.8	39.9	7.11	7.77	7.89
Springfield	317.54	301.84	307.33	41.4	39.2	39.2	7.67	7.70	7.84
VIRGINIA	271.48	282.85	286.16	40.1	38.8	39.2	6.77	7.29	7.30
Bristol	222.64	242.41	248.18	36.8	37.7	38.3	6.05	6.43	6.48
Lynchburg	271.58	243.95	251.66	40.9	35.0	35.9	6.64	6.97	7.01
Norfolk—Virginia Beach—Portsmouth	288.93	313.74	318.17	41.1	41.5	41.7	7.03	7.56	7.63
Northern Virginia	288.80	301.07	308.11	39.4	39.1	39.3	7.33	7.70	7.84
Petersburg—Colonial Heights—Hopewell	352.87	378.63	386.88	40.7	39.4	40.3	8.67	9.61	9.60
Richmond	350.80	355.94	355.68	40.0	38.9	39.0	8.77	9.15	9.12
Roanoke	244.68	256.50	256.47	38.9	39.1	38.8	6.29	6.56	6.61
WASHINGTON	408.20	428.06	(*)	39.1	39.2	(*)	10.44	10.92	(*)
Seattle—Everett	422.14	(*)	(*)	39.9	(*)	(*)	10.58	(*)	(*)
WEST VIRGINIA	342.78	357.82	365.72	39.4	38.6	38.7	8.70	9.27	9.45
Charleston	419.44	433.42	435.34	42.8	41.2	41.5	9.80	10.52	10.49
Huntington—Ashland	395.57	399.81	407.74	40.2	37.4	36.8	9.84	10.69	11.08
Parkersburg—Marietta	393.30	411.28	413.50	42.2	40.6	40.9	9.32	10.13	10.11
Wheeling	384.35	373.00	406.21	39.1	37.3	39.4	9.83	10.00	10.31
WISCONSIN	354.48	368.94	369.12	40.5	39.4	39.5	8.76	9.36	9.34
Appleton—Oshkosh	351.62	359.76	359.92	42.3	40.3	40.3	8.32	8.94	8.93
Eau Claire	348.57	346.68	356.91	41.6	39.6	40.5	8.38	8.75	8.81
Green Bay	376.15	402.45	413.71	42.1	41.8	42.6	9.02	9.63	9.70
Janesville—Beloit	368.27	409.65	391.56	39.1	40.8	39.3	9.42	10.04	9.97
Kenosha	415.51	428.30	412.47	41.1	38.9	38.5	10.12	11.02	10.71
La Crosse	306.16	336.49	318.72	40.7	38.8	37.6	7.52	8.68	8.47
Madison	332.42	377.26	375.73	39.0	39.5	39.5	8.52	9.55	9.52
Milwaukee	386.62	407.17	409.32	40.2	39.4	39.5	9.62	10.34	10.38
Racine	379.67	392.96	390.78	40.2	39.1	39.1	9.44	10.05	10.00
WYOMING	312.03	332.99	313.12	39.8	38.1	38.0	7.84	8.74	8.24

See footnotes at end of table

C-12. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas—Continued

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	JUNE 1981	MAY 1982	JUNE 1982P	JUNE 1981	MAY 1982	JUNE 1982P	JUNE 1981	MAY 1982	JUNE 1982P
VIRGIN ISLANDS	$349.86	$406.16	$404.06	42.0	41.7	41.4	$8.33	$9.74	$9.76

[1] Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.
[2] Subarea of New York—Northeastern New Jersey.
[3] Subarea of Rochester Standard Metropolitan Statistical Area.
[4] Area included in New York and Nassau—Suffolk combined SMSA's.
[5] Subarea of New York Standard Metropolitan Statistical Area.
[6] Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pennsylvania.
[7] Subarea of Washington, D.C. Standard Metropolitan Statistical Area: Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park cities, and Arlington, Fairfax, Loudoun, and Prince William Counties, Virginia.
P = preliminary.
*Not available.

SOURCE: Cooperating State agencies listed on inside back cover.

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D-1. Labor force and unemployment by State and selected metropolitan areas

(Numbers in thousands)

State and area	Labor force			Unemployment					
				Number			Percent of labor force		
	JUN. 1981	MAY 1982	JUN. 1982P	JUN. 1981	MAY 1982	JUN. 1982P	JUN. 1981	MAY 1982	JUN. 1982P
ALABAMA	1,676.2	1,713.8	1,706.6	190.9	229.1	237.7	11.4	13.4	13.9
Birmingham	378.0	381.6	381.4	43.9	46.1	49.4	11.6	12.1	13.0
Huntsville	143.0	148.3	148.6	16.1	16.4	19.0	11.2	11.1	12.8
Mobile	193.3	193.7	194.9	20.1	25.8	26.5	10.4	13.3	13.6
Montgomery	122.9	123.6	124.6	12.7	14.4	15.8	10.3	11.6	12.7
Tuscaloosa	54.4	55.5	54.0	6.1	6.7	6.7	11.2	12.1	12.4
ALASKA	199.3	202.0	208.0	18.4	20.4	20.8	9.2	10.1	10.0
ARIZONA	1,257.3	1,308.8	1,310.0	78.0	120.8	137.9	6.2	9.2	10.5
Phoenix	767.7	796.7	794.2	38.8	58.1	63.4	5.1	7.3	8.0
Tucson	226.6	239.9	241.7	12.0	20.2	23.8	5.3	8.4	9.9
ARKANSAS	1,051.5	1,026.6	1,023.1	100.2	94.6	98.0	9.5	9.2	9.6
Fayetteville Springdale	81.1	81.0	79.8	4.6	5.2	5.7	5.6	6.4	7.1
Fort Smith[1]	92.4	87.0	87.3	8.0	9.7	10.1	8.6	11.2	11.6
Little Rock—North Little Rock	201.4	194.9	197.4	16.9	15.2	16.1	8.4	7.8	8.1
Pine Bluff	42.0	40.1	40.4	4.7	4.1	4.6	11.3	10.2	11.3
CALIFORNIA[1]	11,702.9	12,067.8	12,145.5	789.1	1,084.5	1,137.6	6.7	9.0	9.4
Anaheim—Santa Ana—Garden Grove	1,161.4	1,202.0	1,210.3	50.3	76.6	85.1	4.3	6.4	7.0
Bakersfield	199.5	202.8	208.3	14.2	21.7	21.6	7.1	10.7	10.4
Fresno	282.5	287.2	297.1	24.2	37.4	36.1	8.6	13.0	12.2
Los Angeles—Long Beach[1]	3,683.0	3,784.0	3,775.0	240.0	317.0	334.0	6.5	8.4	8.8
Modesto	133.8	141.0	142.9	19.3	26.6	27.2	14.4	18.8	19.0
Oxnard—Simi Valley—Ventura	245.7	259.9	262.7	17.3	23.9	26.6	7.0	9.2	10.1
Riverside—San Bernardino—Ontario	599.3	628.2	633.5	45.8	67.6	73.5	7.6	10.8	11.6
Sacramento	488.6	506.6	507.6	38.6	54.2	55.0	7.9	10.7	10.8
Salinas—Seaside—Monterey	138.2	142.1	144.5	10.4	12.3	12.2	7.6	8.7	8.4
San Diego	789.5	816.1	820.0	51.6	70.6	77.6	6.5	8.6	9.5
San Francisco—Oakland	1,671.6	1,722.9	1,736.5	94.4	123.5	131.2	5.6	7.2	7.6
San Jose	784.6	810.7	819.5	46.8	56.9	61.7	6.0	7.0	7.5
Santa Barbara—Santa Maria—Lompoc	153.4	158.7	159.2	8.0	10.8	11.9	5.2	6.8	7.5
Santa Rosa	140.2	146.3	148.0	10.1	14.2	14.9	7.2	9.7	10.0
Stockton	177.7	178.5	183.9	18.0	26.7	27.4	10.1	15.0	14.9
Vallejo—Fairfield—Napa	132.8	138.0	138.7	9.4	12.7	13.2	7.1	9.2	9.5
COLORADO	1,559.7	1,555.0	1,588.2	88.4	107.4	114.6	5.7	6.9	7.2
Denver—Boulder	925.6	926.5	941.0	49.0	55.1	59.4	5.3	5.9	6.3
CONNECTICUT	1,611.5	1,627.2	1,637.9	98.7	105.2	113.6	6.1	6.5	6.9
Bridgeport	193.9	196.6	197.2	11.9	14.0	15.1	6.1	7.1	7.7
Hartford	390.1	394.3	397.9	22.0	22.9	25.4	5.6	5.8	6.4
New Britain	75.1	75.9	75.6	5.1	6.2	7.3	6.8	8.1	9.6
New Haven—West Haven	201.0	202.8	204.5	14.0	13.3	14.9	7.0	6.6	7.3
Stamford	125.1	125.7	127.1	4.8	4.2	4.5	3.8	3.4	3.5
Waterbury	107.8	110.1	111.3	7.8	9.5	10.2	7.3	8.7	9.2
DELAWARE	295.1	305.9	309.5	22.4	21.9	27.9	7.6	7.2	9.0
Wilmington	258.7	268.1	269.3	19.7	20.0	26.3	7.6	7.5	9.8
DISTRICT OF COLUMBIA	312.2	308.7	313.8	29.2	32.9	35.6	9.3	10.6	11.3
Washington SMSA[1]	1,713.1	1,704.5	1,723.2	93.9	101.8	109.1	5.5	6.0	6.3
FLORIDA[1]	4,557.2	4,710.1	4,763.3	291.8	345.8	365.6	6.4	7.3	7.7
Daytona Beach	111.1	114.3	116.1	6.1	7.0	7.4	5.5	6.2	6.4
Fort Lauderdale—Hollywood	484.1	497.7	500.0	24.4	32.5	32.4	5.0	6.5	6.5
Fort Myers—Cape Coral	93.9	101.7	101.7	4.8	7.6	7.7	5.1	7.4	7.5
Gainsville	79.0	81.4	82.2	3.3	3.9	3.7	4.2	4.8	4.5
Jacksonville	340.6	355.6	363.2	21.2	23.7	25.7	6.2	6.7	7.1
Lakeland—Winter Haven	149.9	153.9	151.1	16.1	20.6	23.2	10.7	13.4	15.4
Melbourne—Titusville—Cocoa	126.0	126.0	127.1	10.3	9.5	10.3	8.2	7.5	8.1
Miami	826.1	842.3	853.7	52.5	66.8	66.6	6.4	7.9	7.8
Orlando	371.9	382.6	390.2	24.7	23.1	25.1	6.6	6.0	6.4
Pensacola	124.4	126.8	130.0	7.0	7.7	8.9	5.6	6.1	6.9
Sarasota	79.2	85.4	86.2	3.8	5.5	5.7	4.8	6.4	6.7
Tallahassee	88.5	87.7	89.2	4.4	3.8	4.0	4.9	4.3	4.5
Tampa—St. Petersburg	706.6	739.5	746.8	40.0	49.5	52.2	5.7	6.7	7.0
West Palm Beach—Boca Raton	269.9	282.0	282.1	18.7	21.5	23.7	6.9	7.6	8.4

See footnotes at end of table

STATE AND AREA UNEMPLOYMENT DATA

D-1. Labor force and unemployment by State and selected metropolitan areas—Continued

(Numbers in thousands)

State and area	Labor force			Unemployment					
				Number			Percent of labor force		
	JUN. 1981	MAY 1982	JUN. 1982P	JUN. 1981	MAY 1982	JUN. 1982P	JUN. 1981	MAY 1982	JUN. 1982P
GEORGIA	2,605.7	2,663.4	2,682.6	164.3	196.0	216.1	6.3	7.4	8.1
Albany	53.9	55.2	56.2	4.4	4.5	5.5	8.2	8.2	9.7
Atlanta	1,073.3	1,107.0	1,111.2	58.9	67.0	72.9	5.5	6.1	6.6
Augusta	130.9	137.3	138.1	9.8	11.8	12.8	7.5	8.6	9.2
Columbus[1]	90.7	89.2	91.0	7.1	8.3	10.5	8.1	9.4	11.5
Macon	107.0	109.6	110.1	7.3	6.9	7.3	6.8	6.3	6.6
Savannah	96.1	100.5	101.8	5.7	7.3	7.6	5.9	7.3	7.4
HAWAII	456.2	452.0	456.8	26.7	29.1	35.4	5.9	6.4	7.7
Honolulu	351.9	348.4	350.5	19.1	20.4	24.9	5.4	5.9	7.1
IDAHO	441.1	439.7	446.7	31.2	43.5	40.8	7.1	9.9	9.1
Boise City	92.0	91.2	92.2	5.6	6.7	6.5	6.1	7.4	7.1
ILLINOIS[2]	5,669.0	5,548.3	5,707.9	479.9	586.4	669.6	8.5	10.6	11.7
Bloomington—Normal	61.8	60.7	62.9	3.7	4.6	5.6	6.1	7.6	8.9
Champaign—Urbana—Rantoul	84.8	87.4	87.4	5.5	6.0	6.6	6.5	6.9	7.5
Chicago	3,547.0	3,464.4	3,568.0	284.4	343.8	391.4	8.0	9.9	11.0
Davenport—Rock Island—Moline[1]	191.7	N.A.	N.A.	15.6	N.A.	N.A.	8.1	N.A.	N.A.
Decatur	63.4	66.6	65.0	6.8	12.3	10.5	10.8	18.4	16.2
Kankakee	42.2	42.0	44.1	4.8	6.3	7.6	11.3	15.0	17.2
Peoria	177.3	172.7	182.7	14.4	20.5	29.0	8.1	11.9	15.9
Rockford	138.4	136.2	142.2	13.4	25.7	27.1	9.7	18.8	19.1
Springfield	99.8	98.3	101.1	6.6	6.6	7.5	6.7	6.7	7.4
INDIANA	2,648.4	2,568.1	2,570.9	263.4	290.2	296.1	9.9	11.3	11.5
Anderson	56.0	54.3	54.1	6.0	7.9	7.4	10.7	14.6	13.8
Elkhart	68.3	64.9	66.0	6.3	5.7	6.0	9.2	8.8	9.0
Evansville[1]	150.9	N.A.	N.A.	12.9	N.A.	N.A.	8.5	N.A.	N.A.
Fort Wayne	194.6	187.0	187.5	19.0	21.8	22.3	9.7	11.7	11.9
Gary—Hammond—East Chicago	299.3	288.6	290.8	34.2	43.7	45.4	11.4	15.2	15.6
Indianapolis	619.2	600.2	604.0	52.5	52.3	55.0	8.5	8.7	9.1
Lafayette—West Lafayette	60.2	61.7	59.5	4.6	4.9	5.2	7.6	7.9	8.8
Muncie	56.8	56.4	54.4	7.4	7.6	7.4	12.9	13.4	13.5
South Bend	137.9	133.7	134.1	12.9	13.0	12.9	9.3	9.7	9.6
Terre Haute	80.6	75.8	74.9	8.6	8.4	8.9	10.7	11.1	11.9
IOWA	1,479.4	N.A.	N.A.	106.2	N.A.	N.A.	7.2	N.A.	N.A.
Cedar Rapids	89.5	N.A.	N.A.	8.1	N.A.	N.A.	9.0	N.A.	N.A.
Des Moines	166.5	N.A.	N.A.	14.8	N.A.	N.A.	8.9	N.A.	N.A.
Dubuque	45.7	N.A.	N.A.	4.9	N.A.	N.A.	10.7	N.A.	N.A.
Sioux City[1]	56.2	N.A.	N.A.	4.9	N.A.	N.A.	8.7	N.A.	N.A.
Waterloo—Cedar Falls	69.1	N.A.	N.A.	6.2	N.A.	N.A.	9.0	N.A.	N.A.
KANSAS	1,216.8	1,166.5	1,185.2	50.0	63.6	73.2	4.1	5.5	6.2
Lawrence	33.7	34.3	37.8	1.7	1.6	1.9	5.1	4.7	5.0
Topeka	97.5	93.0	94.0	5.3	5.4	6.1	5.4	5.8	6.5
Wichita	231.6	221.0	225.5	9.4	16.7	19.8	4.1	7.5	8.8
KENTUCKY	1,685.1	N.A.	N.A.	141.6	N.A.	N.A.	8.4	N.A.	N.A.
Lexington—Fayette	178.8	N.A.	N.A.	9.2	N.A.	N.A.	5.1	N.A.	N.A.
Louisville[1]	436.7	N.A.	N.A.	38.1	N.A.	N.A.	8.7	N.A.	N.A.
Owensboro	44.6	N.A.	N.A.	3.4	N.A.	N.A.	7.6	N.A.	N.A.
LOUISIANA	1,885.9	1,866.5	1,893.8	172.1	196.4	218.3	9.1	10.5	11.5
Alexandria	74.3	72.6	73.1	8.8	8.0	8.9	11.8	11.0	12.2
Baton Rouge	231.3	224.2	226.3	22.0	21.4	23.7	9.5	9.5	10.5
Lafayette	92.5	96.0	98.0	4.7	5.3	6.2	5.1	5.6	6.4
Lake Charles	83.2	78.5	79.7	8.2	11.7	13.0	9.8	14.9	16.3
Monroe	57.8	55.3	55.5	6.0	6.8	7.6	10.4	12.2	13.6
New Orleans	522.7	507.0	513.3	43.6	49.5	54.3	8.3	9.8	10.6
Shreveport	170.7	160.8	162.2	15.3	14.9	16.8	8.9	9.2	10.3
MAINE	524.0	527.6	542.1	33.4	48.1	48.4	6.8	9.3	8.9
Lewiston—Auburn	38.9	39.2	39.3	2.8	4.0	4.0	7.3	10.3	10.1
Portland	94.1	96.7	98.4	6.3	6.3	6.8	6.8	6.6	6.7
MARYLAND	2,194.1	2,204.4	2,231.4	154.7	188.9	201.0	7.1	8.6	9.0
Baltimore	1,090.8	1,104.9	1,119.4	87.1	110.7	117.7	8.0	10.0	10.5

See footnotes at end of table.

D-1. Labor force and unemployment by State and selected metropolitan areas—Continued

(Numbers in thousands)

State and area	Labor force			Unemployment					
				Number			Percent of labor force		
	JUN. 1981	MAY 1982	JUN. 1982P	JUN. 1981	MAY 1982	JUN. 1982P	JUN. 1981	MAY 1982	JUN. 1982P
MASSACHUSETTS[1]	2,960.1	3,003.3	3,050.0	185.7	257.3	274.7	6.3	8.4	9.0
Boston[1]	1,426.3	1,448.1	1,461.0	81.8	108.3	115.2	5.7	7.5	7.9
Brockton	82.5	83.0	84.4	6.9	9.0	9.7	8.3	10.8	11.5
Fall River[1]	74.5	75.7	76.2	5.9	9.3	9.1	7.9	12.3	12.0
Lawrence—Haverhill[1]	148.5	147.6	149.6	9.2	13.3	14.7	6.2	9.0	9.8
Lowell	128.4	131.1	132.7	8.6	10.4	10.9	6.7	8.0	8.2
New Bedford	85.4	84.9	86.7	6.9	11.0	11.3	8.0	13.0	13.1
Springfield—Chicopee—Holyoke	275.2	293.6	292.1	16.7	25.2	26.6	6.1	8.6	9.1
Worcester	200.0	201.9	204.9	13.2	17.6	19.9	6.6	8.7	9.7
MICHIGAN[1]	4,401.9	4,322.8	4,337.9	486.5	616.1	620.2	11.1	14.3	14.3
Ann Arbor	144.7	141.9	143.4	11.0	13.1	14.3	7.6	9.2	10.0
Battle Creek	81.8	82.8	84.3	8.3	12.3	13.1	10.1	14.9	15.5
Bay City	53.7	55.6	55.6	5.6	8.3	8.3	10.5	15.0	14.9
Detroit	2,036.5	1,975.1	1,984.0	233.8	280.9	286.2	11.5	14.2	14.4
Flint	232.8	229.8	230.0	32.6	45.4	42.7	14.0	19.8	18.6
Grand Rapids	331.7	335.9	334.9	28.4	37.4	37.5	8.6	11.1	11.2
Jackson	68.3	68.0	67.9	7.3	10.3	10.0	10.7	15.1	14.7
Kalamazoo—Portage	141.7	140.6	141.7	11.8	14.2	15.8	8.3	10.1	11.1
Lansing—East Lansing	252.5	248.2	247.8	24.5	32.8	29.8	9.7	13.2	12.0
Muskegon—Norton Shores—Muskegon Heights	80.7	81.2	82.4	10.7	13.4	14.4	13.2	16.5	17.4
Saginaw	102.2	104.9	104.9	10.5	17.2	16.4	10.2	16.4	15.6
MINNESOTA	2,220.3	2,168.2	2,214.0	119.4	144.4	160.3	5.4	6.7	7.2
Duluth—Superior[1]	115.9	111.8	113.6	8.2	13.9	16.7	7.1	12.4	14.7
Minneapolis—St. Paul	1,177.7	1,163.1	1,174.9	54.8	65.9	74.5	4.6	5.7	6.3
Rochester	59.0	57.4	58.9	2.6	2.9	3.4	4.4	5.0	5.8
St. Cloud	77.4	77.2	78.8	5.4	6.6	7.0	6.9	8.6	8.9
MISSISSIPPI	1,065.8	1,075.6	1,059.2	96.5	107.2	123.1	9.1	10.0	11.6
Jackson	162.5	161.9	161.1	11.0	10.8	13.0	6.8	6.7	8.1
MISSOURI	2,353.1	2,357.8	2,395.4	184.1	186.3	208.0	7.8	7.9	8.7
Kansas City[1]	696.0	674.3	689.4	44.4	48.5	58.2	6.4	7.2	8.4
St. Joseph	44.9	44.6	44.9	3.9	4.2	4.1	8.7	9.4	9.2
St. Louis[1]	1,138.5	1,123.3	1,147.7	103.0	98.3	108.5	9.0	8.7	9.5
Springfield	106.9	108.6	109.8	6.4	6.4	6.7	5.9	5.9	6.1
MONTANA	395.7	389.3	396.0	28.4	33.1	35.9	7.2	8.5	9.1
Billings	58.3	59.5	59.9	2.9	3.8	4.4	4.9	6.4	7.3
Great Falls	35.5	36.0	36.9	3.4	2.8	3.4	9.6	7.7	9.1
NEBRASKA	788.5	794.0	804.6	31.8	43.3	46.8	4.0	5.4	5.8
Lincoln	109.9	111.1	112.6	4.3	5.0	5.9	3.9	4.5	5.2
Omaha[1]	282.6	N.A.	N.A.	16.4	N.A.	N.A.	5.8	N.A.	N.A.
NEVADA	469.6	487.0	490.3	32.3	42.3	45.4	6.9	8.7	9.3
Las Vegas	259.9	271.6	272.6	21.1	26.5	28.8	8.1	9.8	10.6
Reno	129.1	133.8	134.3	6.2	9.0	9.3	4.8	6.7	6.9
NEW HAMPSHIRE	490.4	487.3	494.7	24.4	36.8	37.7	5.0	7.6	7.6
Manchester	85.3	84.7	85.8	5.1	6.3	6.8	5.9	7.4	7.9
Nashua	84.3	84.0	85.5	4.3	5.9	6.7	5.1	7.0	7.9
NEW JERSEY	3,623.8	3,673.0	3,667.2	269.6	354.6	314.2	7.4	9.7	8.6
Atlantic City	119.4	123.0	124.5	9.7	13.6	11.4	8.1	11.3	9.2
Jersey City	244.9	255.1	248.8	27.8	39.7	33.1	11.4	15.6	13.3
Long Branch—Asbury Park	247.4	252.3	257.0	16.3	21.3	21.1	6.6	8.5	8.2
New Brunswick—Perth Amboy—Sayreville	332.1	336.1	334.2	22.9	29.2	27.4	6.9	8.7	8.2
Newark	964.7	990.4	985.9	72.2	91.3	80.9	7.5	9.2	8.2
Paterson—Clifton—Passaic	209.3	213.7	212.0	19.3	25.9	23.3	9.2	12.1	11.0
Trenton	159.8	161.1	160.3	9.1	13.8	12.6	5.7	8.6	7.9
Vineland—Millville—Bridgeton	60.2	60.7	59.7	7.9	10.7	9.7	13.1	17.7	16.2
NEW MEXICO	585.6	579.0	589.3	45.5	52.5	60.0	7.8	9.1	10.2
Albuquerque	214.8	211.4	215.2	16.4	16.8	19.0	7.6	8.0	8.8
Las Cruces	35.9	37.1	37.2	3.2	3.8	4.2	8.8	10.3	11.4

See footnotes at end of table.

STATE AND AREA UNEMPLOYMENT DATA

D-1. Labor force and unemployment by State and selected metropolitan areas—Continued

(Numbers in thousands)

State and area	Labor force			Unemployment					
				Number			Percent of labor force		
	JUN. 1981	MAY 1982	JUN. 1982P	JUN. 1981	MAY 1982	JUN. 1982P	JUN. 1981	MAY 1982	JUN. 1982P
NEW YORK[1]	8,095.1	8,027.4	8,128.5	616.8	632.5	694.6	7.6	7.9	8.5
Albany—Schenectady—Troy	379.1	376.9	381.5	24.8	23.7	26.4	6.5	6.3	6.9
Binghamton[1]	140.2	142.5	144.8	10.1	10.8	11.1	7.2	7.6	7.6
Buffalo	566.9	560.0	565.5	54.3	67.1	69.1	9.6	12.0	12.2
Elmira	40.0	39.5	39.8	3.7	4.9	4.9	9.4	12.4	12.4
Nassau-Suffolk	1,337.2	1,323.2	1,358.3	90.1	75.0	85.0	6.7	5.7	6.3
New York	3,704.0	3,667.4	3,688.0	284.4	297.9	334.9	7.7	8.1	9.1
New York City[2]	3,080.0	3,047.0	3,059.0	251.0	269.0	303.0	8.1	8.8	9.9
Poughkeepsie	110.9	113.4	114.1	7.1	6.3	7.1	6.4	5.6	6.2
Rochester	474.8	478.5	484.9	30.6	30.7	34.0	6.4	6.4	7.0
Syracuse	300.9	298.2	302.2	22.6	22.9	24.5	7.5	7.7	8.1
Utica—Rome	136.7	136.4	138.2	11.0	11.2	11.6	8.0	8.2	8.4
NORTH CAROLINA	2,978.5	2,951.0	2,985.9	190.9	255.8	274.4	6.4	8.7	9.2
Asheville	92.7	90.1	93.2	6.0	6.7	6.8	6.5	7.4	7.3
Charlotte—Gastonia	378.9	376.1	380.8	19.4	24.4	26.2	5.1	6.5	6.9
Greensboro—Winston-Salem—High Point	451.6	456.7	462.0	25.4	35.3	42.9	5.6	7.7	9.3
Raleigh—Durham	314.5	315.4	317.5	11.4	13.1	14.0	3.6	4.2	4.4
NORTH DAKOTA	324.2	326.8	327.0	17.2	14.2	15.3	5.3	4.3	4.7
Fargo—Moorehead[1]	73.2	74.0	73.4	4.3	3.6	3.6	5.9	4.8	4.9
OHIO[1]	5,143.7	5,092.3	5,250.9	436.7	566.4	643.5	8.5	11.1	12.3
Akron	302.9	301.5	307.9	25.9	31.1	35.6	8.6	10.3	11.5
Canton	190.1	190.3	195.8	16.3	23.3	25.7	8.6	12.2	13.1
Cincinnati[1]	684.9	N.A.	N.A.	55.0	N.A.	N.A.	8.0	N.A.	N.A.
Cleveland	942.1	921.3	952.7	72.6	86.5	103.2	7.7	9.4	10.8
Columbus	569.3	564.4	581.3	41.2	48.0	53.8	7.2	8.5	9.3
Dayton	393.2	390.3	402.5	29.8	40.3	46.1	7.6	10.3	11.4
Toledo[1]	373.9	365.1	374.1	34.7	39.8	44.4	9.3	10.9	11.9
Youngstown—Warren	234.5	236.5	244.6	22.1	40.7	44.7	9.4	17.2	18.3
OKLAHOMA	1,463.7	1,501.6	1,505.7	50.6	79.0	85.5	3.5	5.3	5.7
Enid	31.0	30.4	30.0	.8	1.7	1.4	2.5	5.6	4.7
Lawton	34.7	36.0	35.8	1.5	1.7	1.9	4.4	4.8	5.2
Oklahoma City	453.8	467.8	472.1	14.5	21.0	24.0	3.2	4.5	5.1
Tulsa	360.3	368.8	369.9	12.2	21.5	23.2	3.4	5.8	6.3
OREGON	1,363.8	1,313.9	1,327.7	127.5	145.5	144.9	9.4	11.1	10.9
Eugene—Springfield	142.2	135.6	136.3	15.5	15.8	16.0	10.9	11.7	11.7
Portland[1]	665.1	649.9	655.9	52.4	62.6	65.2	7.9	9.6	9.9
Salem	128.9	124.2	126.6	11.0	12.8	12.5	8.5	10.3	9.9
PENNSYLVANIA[1]	5,496.6	5,408.9	5,457.5	510.9	529.3	563.2	9.3	9.8	10.3
Allentown—Bethlehem—Easton[1]	314.8	308.8	309.6	28.4	30.6	29.1	9.0	9.9	9.4
Altoona	60.8	56.5	57.3	7.4	5.8	5.7	12.1	10.2	9.9
Erie	128.1	122.8	123.6	14.7	13.9	14.4	11.5	11.3	11.7
Harrisburg	235.7	236.8	237.6	16.1	13.3	13.0	6.8	5.6	5.5
Johnstown	108.8	103.4	105.5	15.2	14.7	16.0	14.0	14.2	15.1
Lancaster	184.5	184.5	186.3	11.6	13.0	12.6	6.3	7.0	6.8
Northeast Pennsylvania	290.1	282.0	283.2	30.8	28.3	27.9	10.6	10.0	9.8
Philadelphia[1]	2,168.2	2,170.8	2,173.6	185.0	184.2	184.7	8.5	8.5	8.5
Pittsburgh	1,039.5	1,017.1	1,033.8	82.8	106.9	124.5	8.0	10.5	12.0
Reading	160.3	157.9	159.2	16.7	14.6	14.9	10.4	9.2	9.4
Williamsport	54.6	52.0	51.4	7.2	6.3	5.5	13.3	12.1	10.5
York	180.0	179.9	184.3	16.1	18.0	22.2	9.0	10.0	12.0
RHODE ISLAND	484.6	471.6	479.3	35.8	43.6	44.7	7.4	9.2	9.3
Providence—Warwick—Pawtucket[1]	475.9	465.3	472.6	35.7	45.1	46.4	7.5	9.7	9.8
SOUTH CAROLINA	1,450.9	1,499.6	1,513.5	126.8	170.4	174.0	8.7	11.4	11.5
Charleston—North Charleston	176.2	183.7	190.1	15.0	15.2	18.1	8.5	8.3	9.5
Columbia	188.4	196.8	195.0	12.8	14.2	14.0	6.8	7.2	7.2
Greenville—Spartanburg	287.2	300.7	300.5	21.6	29.6	29.0	7.5	9.8	9.6
SOUTH DAKOTA	351.9	331.3	340.0	18.4	14.8	17.9	5.2	4.5	5.3
Sioux Falls	64.4	62.1	62.9	3.4	2.4	3.3	5.3	3.9	5.3
TENNESSEE	2,137.6	2,085.1	2,101.2	197.9	221.0	235.1	9.3	10.6	11.2
Chattanooga[1]	199.7	202.2	206.1	17.2	22.1	24.9	8.6	10.9	12.1
Knoxville	231.7	228.0	230.3	16.2	15.9	17.7	7.8	7.0	7.7
Memphis[1]	411.1	401.1	406.5	36.2	35.7	40.3	8.8	8.9	9.9
Nashville—Davidson	416.4	420.1	420.6	31.4	34.6	36.4	7.2	8.2	8.7

See footnotes at end of table.

STATE AND AREA UNEMPLOYMENT DATA

D-1. Labor force and unemployment by State and selected metropolitan areas—Continued

(Numbers in thousands)

State and area	Labor force			Unemployment					
				Number			Percent of labor force		
	JUN. 1981	MAY 1982	JUN. 1982P	JUN. 1981	MAY 1982	JUN. 1982P	JUN. 1981	MAY 1982	JUN. 1982P
TEXAS[1]	7,162.4	7,261.5	7,400.2	516.7	456.1	572.2	7.2	6.3	7.7
Dallas—Fort Worth	1,679.5	1,722.3	1,755.9	112.2	99.2	126.8	6.7	5.8	7.2
Houston	1,683.3	1,721.2	1,756.2	104.9	97.1	125.0	6.2	5.6	7.1
San Antonio	468.7	467.9	477.2	43.1	34.6	42.3	9.2	7.4	8.9
UTAH	659.1	665.7	673.8	45.6	46.7	49.5	6.9	7.0	7.3
Salt Lake City—Ogden	429.2	435.6	438.3	29.3	29.6	31.3	6.8	6.8	7.1
VERMONT	263.3	263.6	266.5	15.4	20.0	19.1	5.9	7.6	7.2
VIRGINIA	2,655.1	2,660.7	2,672.9	172.8	187.6	198.3	6.5	7.1	7.4
Lynchburg	75.5	76.2	76.3	5.0	6.5	6.3	6.6	8.5	8.2
Newport News—Hampton	171.4	170.1	173.9	12.4	10.9	11.5	7.3	6.4	6.6
Norfolk—Virginia Beach—Portsmouth[1]	341.9	340.3	345.1	24.7	24.2	24.7	7.2	7.1	7.1
Petersburg—Colonial Heights—Hopewell	59.6	59.8	60.7	5.0	5.1	5.3	8.4	8.4	8.7
Richmond	338.3	341.1	344.1	16.1	19.7	20.4	4.8	5.8	5.9
Roanoke	113.2	111.3	112.9	7.2	7.5	8.1	6.4	6.8	7.2
WASHINGTON	2,026.3	2,004.8	2,023.5	185.9	242.8	251.6	9.2	12.1	12.4
Seattle—Everett	880.2	875.4	881.1	71.9	92.1	97.4	8.2	10.5	11.0
Spokane	152.3	149.8	150.3	14.3	18.3	18.6	9.4	12.2	12.4
Tacoma	178.7	181.8	182.7	17.1	22.6	23.3	9.6	12.4	12.8
WEST VIRGINIA	792.7	767.1	781.7	85.8	83.8	96.4	10.8	10.9	12.3
Charleston	127.9	123.5	125.9	10.9	9.4	10.9	8.5	7.6	8.6
Huntington—Ashland[1]	127.7	N.A.	N.A.	14.7	N.A.	N.A.	11.5	N.A.	N.A.
Parkersburg—Marietta[1]	74.6	72.6	76.9	6.6	7.7	9.8	8.9	10.7	13.1
Wheeling[1]	83.8	82.7	83.6	7.2	10.1	10.2	8.6	12.2	12.2
WISCONSIN	2,408.8	2,417.7	2,459.1	185.1	235.2	249.5	7.7	9.7	10.1
Appleton—Oshkosh	150.8	151.3	154.2	11.4	15.4	16.2	7.5	10.2	10.5
Eau Claire	58.6	60.4	60.6	4.4	5.4	5.6	7.5	8.9	9.3
Green Bay	92.7	92.3	95.0	8.2	7.8	9.0	8.8	8.5	9.5
Janesville—Beloit	71.2	73.8	74.5	5.2	11.5	10.5	7.3	15.5	14.1
Kenosha	50.1	57.9	54.0	5.5	6.2	5.5	9.2	10.7	10.1
LaCrosse	48.5	50.0	50.6	3.4	3.8	4.0	7.0	7.5	7.9
Madison	183.8	188.3	189.9	10.6	11.6	12.9	5.8	6.2	6.8
Milwaukee	728.4	724.4	740.9	56.6	69.7	76.5	7.8	9.6	10.3
Racine	88.1	85.9	87.6	7.9	11.5	12.2	9.0	13.4	13.9
WYOMING	268.7	268.0	272.5	10.3	13.2	14.3	3.8	4.9	5.2

[1] Includes interstate portion of area located in adjacent State.

[2] Data are obtained directly from the Current Population Survey. (See "Explanatory Notes" for State and Area Unemployment Data in Employment and Earnings, monthly.)

NOTE: Estimates for 1981 have been benchmarked to 1981 Current Population Survey annual averages. Except in the 10 States and 2 areas designated by footnote 2, estimates for 1982 are provisional and will be revised when new benchmark information becomes available. Data refer to place of residence.

P = preliminary.

N.A. = not available.

SOURCE: Current Population Survey and Cooperating State Employment Security Agencies listed on inside back cover.

Labor force and unemployment estimates for counties, cities, and other small areas have been prepared for administration of various Federal economic assistance programs and may be ordered from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. The report "Employment and Unemployment in States and Local Areas" is published monthly through GPO and is available on microfiche only on a subscription basis.

Explanatory Notes

Introduction

The statistics in this periodical are compiled from two major sources: (1) Household interviews, and (2) reports from employers.

Data based on household interviews are obtained from a sample survey of the population 16 years of age and over. The survey is conducted each month by the Bureau of the Census for the Bureau of Labor Statistics and provides comprehensive data on the labor force, the employed, and the unemployed, including such characteristics as age, sex, race, family relationship, marital status, occupation, and industry attachment. The survey also provides data on the characteristics and past work experience of those not in the labor force. The information is collected by trained interviewers from a sample of about 60,000 households, representing 629 areas in 1,148 counties and independent cities, with coverage in 50 States and the District of Columbia. The data collected are based on the activity or status reported for the calendar week including the 12th of the month.

Data based on establishment records are compiled each month from mail questionnaires by the Bureau of Labor Statistics, in cooperation with State agencies. The establishment survey is designed to provide industry information on nonagricultural wage and salary employment, average weekly hours, average hourly earnings, and average weekly earnings for the Nation, States, and metropolitan areas. The employment, hours, and earnings series are based on payroll reports from a sample of establishments employing over 30 million nonagricultural wage and salary workers. The data relate to all workers, full- or part-time, who received pay during the payroll period which includes the 12th day of the month.

RELATION BETWEEN THE HOUSEHOLD AND ESTABLISHMENT SERIES

The household and establishment data supplement one another, each providing significant types of information that the otner cannot suitably supply. Population characteristics, for example, are readily obtained only from the household survey whereas detailed industrial classifications can be reliably derived only from establishment reports.

Data from these two sources differ from each other because of differences in definitions and coverage, sources of information, methods of collection, and estimating procedures. Sampling variability and response errors are additional reasons for discrepancies. The major factors which have a differential effect on levels and trends of the two series are as follows.

Employment

Coverage. The household survey definition of employment comprises wage and salary workers (including domestics and other private household workers), self-employed persons, and unpaid workers who worked 15 hours or more during the survey week in family-operated enterprises. Employment in both agricultural and nonagricultural industries is included. The payroll survey covers only wage and salary employees on the payrolls of nonagricultural establishments.

Multiple jobholding. The household approach provides information on the work status of the population without duplication, since each person is classified as employed, unemployed, or not in the labor force. Employed persons holding more than one job are counted only once and are classified according to the job at which they worked the greatest number of hours during the survey week. In the figures based on establishment reports, persons who worked in more than one establishment during the reporting period are counted each time their names appear on payrolls.

Unpaid absences from jobs. The household survey includes among the employed all persons who had jobs but were not at work during the survey week—that is, were not working but had jobs from which they were temporarily absent because of illness, bad weather, vacation, labor-management dispute, or because they were taking time off for various other reasons, even if they were not paid by their employers for the time off. In the figures based on payroll reports, persons on leave paid for by the company are included, but not those on leave without pay for the entire payroll period.

For a comprehensive discussion of the differences between household and establishment survey employment data, see Gloria P. Green's article "Comparing Employment Estimates from Household and Payroll Surveys," *Monthly Labor Review*, December 1969.

Hours of work

The household survey measures hours actually worked whereas the payroll survey measures hours paid for by employers. In the household survey data, all persons with a job but not at work are excluded from the hours distributions and the computations of average hours. In the payroll survey, production or nonsupervisory employees on paid vacation, paid holiday, or paid sick leave are included and assigned the number of hours for which they were paid during the reporting period.

Earnings

The household survey measures median earnings of wage and salary workers in all occupations and industries in both the private and public sectors. Data refer to the usual earnings received from the worker's sole or primary job. Data from the establishment survey generally refer to mean earnings of production and related workers in mining and manufacturing, construction workers in construction, and nonsupervisory employees in private service-producing industries. For a comprehensive discussion of the household survey earnings series, see "Technical Description of the Quarterly Data on Weekly Earnings from the Current Population Survey," BLS Bulletin 2113.

COMPARABILITY OF THE HOUSEHOLD DATA WITH OTHER SERIES

Unemployment insurance data. The unemployed total from the household survey includes all persons who did not have a job at all during the survey week and were looking for work or were waiting to be called back to a job from which they had been laid off, whether or not they were eligible for unemployment insurance. Figures on unemployment insurance claims, prepared by the Employment and Training Administration of the Department of Labor, exclude persons

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who have exhausted their benefit rights, new workers who have not earned rights to unemployment insurance, and persons losing jobs not covered by unemployment insurance systems (some workers in agriculture, domestic services, and religious organizations, and self employed and unpaid family workers). Beginning in January 1978, coverage was extended to include domestic workers whose employers paid $1,000 or more in wages in any calendar quarter, agricultural employees whose employers engaged 10 or more workers in 20 weeks or paid a total $20,000 or more in wages in any calendar quarter, and almost all State and local government employees.

In addition, the qualifications for drawing unemployment compensation differ from the definition of unemployment used in the household survey. For example, persons with a job but not at work and persons working only a few hours during the week are sometimes eligible for unemployment compensation but are classified as employed rather than unemployed in the household survey.

For an examination of the similarities and differences between State insured unemployment and total unemployment, see "Measuring Total and State Insured Unemployment" by Gloria P. Green in the June 1971 issue of the *Monthly Labor Review*.

Agricultural employment estimates of the Department of Agriculture. The principal differences in coverage are the inclusion of persons under 16 in the Statistical Research Service (SRS) series and the treatment of dual jobholders who are counted more than once if they work on more than one farm during the reporting period. There are also wide differences in sampling techniques and collecting and estimating methods, which cannot be readily measured in terms of impact on differences in level and trend of the two series.

COMPARABILITY OF THE PAYROLL EMPLOYMENT DATA WITH OTHER SERIES

Statistics on manufactures and business, Bureau of the Census. BLS establishment statistics on employment differ from employment counts derived by the Bureau of Census from its censuses or annual sample survey of manufacturing establishments and the censuses of business establishments. The major reasons for some noncomparability are different treatment of business units considered parts of an establishment, such as central administrative offices and auxiliary units, the industrial classification of establishments, and different reporting patterns by multiunit companies. There are also differences in the scope of the industries covered, e.g., the Census of Business excludes professional services, public utilities, and financial establishments, whereas these are included in the BLS statistics.

County Business Patterns. Data in County Business Patterns (CBP), published by the Bureau of the Census, U.S. Department of Commerce, differ from BLS establishment statistics in the treatment of central administrative offices and auxiliary units. Differences may also arise because of industrial classification and reporting practices. In addition, CBP excludes interstate railroads and government, and coverage is incomplete for some of the nonprofit activities.

Employment covered by State unemployment insurance programs. Most nonagricultural wage and salary workers are covered by the unemployment insurance programs. Beginning in January 1972, coverage was expanded to include employees of small firms and selected nonprofit activities who had not been covered previously. However, certain activities, such as interstate railroads, parochial schools, and churches are not covered by unemployment insurance whereas these are included in the BLS establishment statistics. Beginning in January 1978, coverage was extended to include domestic workers whose employers paid $1,000 or more in wages in any calendar quarter, agricultural employees whose employers engaged 10 or more workers in 20 weeks or paid a total of $20,000 or more in wages in any calendar quarter, and almost all State and local government employees.

Household Data (A tables)

COLLECTION AND COVERAGE

Statistics on the employment status of the population, the personal, occupational, and other characteristics of the employed, the unemployed, and persons not in the labor force, and related data are compiled for the BLS by the Bureau of the Census in its Current Population Survey (CPS). A detailed description of this survey appears in *Concepts and Methods Used in Labor Force Statistics Derived from the Current Population Survey*, BLS Report 463. This report is available from BLS upon request.

These monthly surveys of the population are conducted with a scientifically selected sample designed to represent the civilian noninstitutional population. Respondents are interviewed to obtain information about the employment status of each member of the household 16 years of age and over. Separate statistics are also collected and published for 14- and 15-year-olds. The inquiry relates to activity or status during the calendar week, Sunday through Saturday, which includes the 12th of the month. This is known as the survey week. Actual field interviewing is conducted in the following week.

Inmates of institutions, members of the Armed Forces, and persons under 14 years of age are not covered in the regular monthly enumerations and are excluded from the population and labor force statistics shown in this report. Data on members of the Armed Forces, who are included as part of the categories "total noninstitutional population" and "total labor force," are, however, obtained from the Department of Defense.

Each month about 60,000 occupied units are eligible for interview. About 2,500 of these households are visited but interviews are not obtained because the occupants are not at home after repeated calls or are unavailable for other reasons. This represents a noninterview rate for the survey of between 4 or 5 percent. In addition to the 60,000 occupied units, there are 11,000 sample units in an average month which are visited but found to be vacant or otherwise not to be enumerated. Part of the sample is changed each month. The rotation plan provides for three-fourths of the sample to be common from 1 month to the next and one-half to be common with the same month a year earlier.

Beginning in September 1975, the sample was enlarged by 9,000 households in order to provide greater reliability for smaller States and thus permit the publication of annual statistics for all 50 States and the District of Columbia. These supplementary households were added to the national 47,000 household sample in January 1978.

Over the period November 1978 to April 1979 the sample was again enlarged by 9,000 households. These supplementary households were added to the 56,000 household sample in January 1980.

Beginning in May 1981, the sample size was cut by about 6,000 occupied housing units. The reduction did not affect the ability to

publish reliable State and local estimates and had practically no effect on the reliability of national estimates.

Beginning in January 1982, the sample was expanded by about 100 households in 15 counties. The expanded sample provides sufficient coverage of counties added to 7 of the 30 largest SMSA's redefined in 1973. The additional sample had practically no effect on the reliability of national or State estimates.

CONCEPTS

Employed persons comprise (a) all those who during the survey week did any work at all as paid employees, in their own business, profession, or farm, or who worked 15 hours or more as unpaid workers in an enterprise operated by a member of the family, and (b) all those who were not working but who had jobs or businesses from which they were temporarily absent because of illness, bad weather, vacation, labor-management dispute, or personal reasons, whether or not they were paid by their employers for the time off, and whether or not they were seeking other jobs.

Each employed person is counted only once. Those who held more than one job are counted in the job at which they worked the greatest number of hours during the survey week.

Included in the total are employed citizens of foreign countries, temporarily in the United States, who are not living on the premises of an embassy.

Excluded are persons whose only activity consisted of work around the house (such as home housework, and painting or repairing own home) or volunteer work for religious, charitable, and similar organizations.

Unemployed persons comprise all persons who did not work during the survey week, who made specific efforts to find a job within the past 4 weeks, and who were available for work during the survey week (except for temporary illness). Also included as unemployed are those who did not work at all, were available for work, and (a) were waiting to be called back to a job from which they had been laid off; or (b) were waiting to report to a new wage or salary job within 30 days.

Duration of unemployment represents the length of time (through the current survey week) during which persons classified as unemployed had been continuously looking for work. For persons on layoff, duration of unemployment represents the number of full weeks since the termination of their most recent employment. A period of 2 weeks or more during which a person was employed or ceased looking for work is considered to break the continuity of the present period of seeking work. Measurements of mean and median duration are computed from a distribution of single weeks of unemployment.

Unemployed persons by reasons for unemployment are divided into four major groups. (1) Job losers are persons whose employment ended involuntarily who immediately began looking for work and persons on layoff. (2) Job leavers are persons who quit or otherwise terminated their employment voluntarily and immediately began looking for work. (3) Reentrants are persons who previously worked at a full-time job lasting 2 weeks or longer but were out of the labor force prior to beginning to look for work. (4) New entrants are persons who never worked at a full-time job lasting 2 weeks or longer.

Jobseekers are all unemployed persons who made specific efforts to find a job, sometime during the 4-week period preceding the survey week. Jobseekers do not include persons unemployed because they (a) were waiting to be called back to a job from which they had been laid off or (b) were waiting to report to a new wage or salary job within 30 days. Jobseekers are grouped by the methods used to seek work, including going to a public or private employment agency or to an employer directly, seeking assistance from friends or relatives, placing or answering ads, or utilizing some "other" method. Examples of the "other" category include being on a union or professional register, obtaining assistance from a community organization, or waiting at a designated pick-up point.

The *civilian labor force* comprises the total of all civilians classified as employed or unemployed in accordance with the criteria described above. The "total labor force" also includes members of the Armed Forces stationed either in the United States or abroad.

The unemployment rate represents the number unemployed as a percent of the civilian labor force. This measure can also be computed for groups within the labor force classified by sex, age, marital status, race, occupation, industry, etc. The job-loser, job-leaver, reentrant, and new entrant rates are each calculated as a percent of the civilian labor force; the sum of the rates for the four groups thus equals the total unemployment rate.

Participation rates represent the proportion of the noninstitutional population that is in the labor force. Two types of participation rates are published. The total labor force participation rate, which is the ratio of the total labor force and the total noninstitutional population; and the civilian labor force participation rate which is the ratio of the civilian labor force and the civilian noninstitutional population. Participation rates are usually published for sex-age groups, often cross-classified by other demographic characteristics such as race and educational attainment.

Employment-population ratios represent the proportion of the total noninstitutional population that is employed.

Not in labor force includes all civilians 16 years and over who are not classified as employed or unemployed. These persons are further classified as "engaged in own home housework," in school," "unable to work" because of long-term physical or mental illness, and "other." The "other" group includes for the most part retired persons, those reported as too old to work, the voluntarily idle, and seasonal workers for whom the survey week fell in an "off" season and who were not reported as unemployed. Persons doing only incidental unpaid family work (less than 15 hours) are also classified as not in the labor force.

For persons not in the labor force, data on previous work experience, intentions to seek work again, desire for a job at the time of interview, and reasons for not looking for work are compiled on a quarterly basis. As of January 1970, the detailed questions for persons not in the labor force are asked only in those households that are in the fourth and eighth months of the sample, i.e., the "outgoing" groups, those which had been in the sample for 3 previous months and would not be in for the subsequent month. Between 1967 and 1969, the detailed not-in-labor force questions were asked of persons in the first and fifth months in the sample, i.e., the "incoming" groups.

Occupation, industry, and class of worker for the employed apply to the job held in the survey week. Persons with two or more jobs are classified in the job at which they worked the greatest number of hours during the survey week. The unemployed are classified according to their last full-time civilian job lasting 2 weeks or more. The occupation and industry groups used in the CPS are defined as in the 1970 Census of Population. Information on the detailed categories included in these groups is available upon request.

The class-of-worker breakdown specifies "wage and salary workers," subdivided into private and government workers, "self-employed workers," and "unpaid family workers." Wage and salary workers receive wages, salary, commission, tips, or pay in kind from a private employer or from a government unit. Self-employed persons are those who work for profit or fees in their own business, profession, or trade, or operate a farm. Unpaid family workers are persons working without pay for 15 hours a week or more on a farm or in a business operated by a member of the household to whom they are related by blood or marriage.

Hours of work statistics relate to the actual number of hours worked during the survey week. For example, a person who normally works 40 hours a week but who was off on the Columbus Day holiday would be reported as working 32 hours even though he/she was paid for the holiday.

For persons working in more than one job, the figures relate to the number of hours worked in all jobs during the week. However, all the hours are credited to the major job.

The distribution of employment by hours worked relates to persons "at work" during the survey week. At work data differ from data on total employment because the latter include persons in the zero-hours worked category, "with a job but not at work." Included in this latter group are persons who were on vacation, ill, involved in a labor dispute, or otherwise absent from their jobs for voluntary, noneconomic reasons.

Persons who worked 35 hours or more in the survey week are designated as working "full time," correspondingly persons who worked between 1 and 34 hours are designated as working "part time." Part-time workers are classified by their usual status at their present job (either full or part time) and by their reason for working part time during the survey week (economic or other reasons). "Economic reasons" include: Slack work, material shortages, repairs to plant or equipment, start or termination of a job during the week, and inability to find full-time work. "Other reasons" include: Labor dispute, bad weather, own illness, vacation, demands of home, housework, school, no desire for full-time work, and full-time worker only during the peak season. Persons on full-time schedules include, in addition to those working 35 hours or more, those who worked from 1 to 34 hours for noneconomic reasons and usually work full time.

The *full-time labor force* consists of persons working on full-time schedules, persons involuntarily working part-time (part time for economic reasons), and unemployed persons seeking full-time jobs. The *part-time labor force* consists of persons working part time voluntarily and unemployed persons seeking part-time work. Persons with a job but not at work during the survey week are classified according to whether they usually work full or part-time.

Labor force time lost is a measure of aggregate hours lost to the economy through unemployment and involuntary part-time employment and is expressed as a percent of potentially available aggregate hours. It is computed by assuming: (1) That unemployed persons looking for full-time work lost an average of 37.5 hours (2) that those looking for part-time work lost the average number of hours actually worked by voluntary part-time workers during the survey week, and (3) that persons on part time for economic reasons lost the difference between 37.5 hours and the actual number of hours they worked.

White and black and other are terms used to describe the race of workers. The "black-and-other category," includes all persons who identified themselves in the enumeration process to be other than white. At the time of the 1980 Census of Population, 83 percent of the black-and-other civilian noninstitutional population 16 years and over were black; the remainder were primarily American Indians, Alaskan Natives, and Asians and Pacific Islanders. The term "black" is used in this volume when the relevant data are provided exclusively for the black population.

Hispanic origin refers to persons who identified themselves in the enumeration process as Mexican, Puerto Rican living on the mainland, Cuban, Central or South American, or of other Hispanic origin or descent.

Major activity: going to school and major activity: other are terms used to describe whether the activity of young persons during the reference week is primarily one of going to school or not. Statistics on major activity are published every month in table A-7 for 16- to 21-year-olds by employment status, race, and sex, and, if unemployed, whether seeking full- or part-time work.

Vietnam-era veterans are those who served in the Armed Forces of the United States between August 5, 1964, and May 7, 1975. Tables for veterans in this volume are limited to males in the civilian noninstitutional population, i.e., veterans in institutions and females are excluded.

Nonveterans are males who never served in the Armed Forces.

The *poverty areas* classification consists of all Census geographical divisions in which 20 percent or more of the residents were poor according to the 1970 Decennial Cenus. Persons were classified as poor or nonpoor by using income thresholds adopted by a Federal interagency committee in 1969. These thresholds vary by family size, composition, and residence (farm-nonfarm). While poverty areas have a substantial concentration of low-income residents, many poor persons live outside these areas and, conversely, the areas include many people who are not poor.

The *metropolitan areas* classification consists of the total of all areas encompassed by Standard Metropolitan Statistical Areas (SMSA's). The metropolitan area total is based on the number of SMSA's as defined in the 1970 Decennial Census and does not include any subsequent additions or changes. Nonmetropolitan areas refer to the total of all areas outside SMSA's. The nonmetropolitan total is disaggregated into farm and nonfarm components.

Usual weekly earnings data are provided from responses to the question "How much does . . .USUALLY earn per week at this job before deductions?" Included are any overtime pay, commissions, or tips usually received. Data refer to the sole or primary job of wage and salary workers. The term "usual" is as perceived by the respondent. If the respondent asks for a definition of "usual," interviewers are instructed to define the term as more than half the weeks worked during the past 4 or 5 months.

A *household* consists of all persons—related family members and all unrelated persons—who occupy a housing unit. A house, an apartment, a group of rooms, or a single room are regarded as a housing unit when occupied or intended for occupancy as separate living quarters.

A *householder* is the person (or one of the persons) in whose name the housing unit is owned or rented. The term is never applied to either husbands or wives in married-couple families but only to persons in families maintained by either men or women without a spouse.

Family refers to a group of two or more persons residing together who are related by blood, marriage, or adoption; all such persons are considered as members of one family even though they may include a "subfamily," that is, a married couple or a parent-child group related by blood or marriage to the householder and sharing the living quarters. The counts of families used in this volume refer to primary families only, that is, all persons in the household who are related to the householder. Families are classified either as married-couple families or as those maintained by women or men without spouses. Data on the earnings of families exclude all those in which there is no wage or salary earner or in which the husband, wife, or other persons maintaining the family is either self-employed or in the Armed Forces.

HISTORIC COMPARABILITY

Raised lower age limit

Beginning with data for 1967, the lower age limit for official statistics on persons in the labor force was raised from 14 to 16 years. A detailed discussion of this and other definitional changes introduced at that time including estimates of their effect on the various series, is contained in "New Definitions for Employment and Unemployment" by Robert L. Stein in the February 1967 issue of *Employment and Earnings and Monthly Report on the Labor Force*.

Noncomparability of labor force levels

Before the changes introduced in 1967, the labor force data were not comparable for three earlier periods: (1) Beginning in 1953, as a result of the introduction of data from the 1950 census into the estimation procedure, population levels were raised by about 600,000; labor force, total employment, and agricultural employment by about 350,000, primarily affecting the figures for totals and males; other categories were relatively unaffected; (2) beginning in 1960, the inclusion of Alaska and Hawaii resulted in an increase of about 500,000 in the population and about 300,000 in the labor force, four-fifths of this in nonagricultural employment; other labor force categories were not appreciably affected; (3) beginning in 1962, the introduction of figures from the 1960 census reduced the population by about 50,000, labor force and employment by about 200,000; unemployment totals were

virtually unchanged. In addition, beginning in 1972, information from the 1970 census was introduced into the estimation procedures, producing an increase in the civilian noninstitutional population of about 800,000; labor force and employment totals were raised by a little more than 300,000, and unemployment levels and rates were essentially unchanged. A subsequent population adjustment based on the 1970 census was introduced in March 1973. This adjustment affected the white and black and other groups but had little effect on totals. The adjustment resulted in the reduction of nearly 300,000 in the white population and an increase of the same magnitude in the black and other population. Civilian labor force and total employment figures were affected to a lesser degree; the white labor force was reduced by 150,000, and the black and other labor force rose by about 210,000. Unemployment levels and rates were not significantly affected.

Beginning in January 1974, the methodology used to prepare independent estimates of the civilian noninstitutional population was modified to an "inflation-deflation" approach. This change in the derivation of the population estimates had its greatest impact on estimates of 20- to 24-year-old males—particularly those of the black-and-other population—but had little effect on 16 and over totals. Additional information on the adjustment procedure appears in "CPS Population Controls Derived from Inflation-Deflation Method of Estimation" in the February 1974 issue of *Employment and Earnings*.

Effective July 1975, as a result of the immigration of Vietnamese refugees into the United States, the total and black-and-other independent population controls for persons 16 years and over were adjusted upward by 76,000—30,000 males and 46,000 females. The addition of the refugees increased the black-and-other population by less than 1 percent in any age-sex group, and all of the changes were in the "other" population.

Beginning in 1978, the introduction of an expansion of the sample and revisions in the estimation procedures resulted in an increase of roughly a quarter of a million in the overall civilian labor force and employment totals; unemployment levels and rates were essentially unchanged. An explanation of the procedural changes and an indication of the differences appear in "Revisions in the Current Population Survey in January 1978" in the February 1978 issue of *Employment and Earnings*.

Beginning in October 1978, the race of the individual was determined by the household respondent for the incoming rotation group households, rather than determined by the interviewer as before. The purpose of this change was to provide more accurate estimates of characteristics by race. Thus, in October 1978, one-eighth of the sample households had race determined by the household respondent and seven-eighths of the sample households had race determined by interviewer observation. It was not until January 1980 that the entire sample had race determined by the household respondent. The new procedure had no significant effect on the estimates.

Beginning in 1979, the first-stage ratio estimation method was changed in the CPS estimation procedure. The new procedure is described in the *Estimating Methods* section. The reasoning behind the change and an indication of the differences appear in "Change in the Estimation Procedure for the Current Population Survey beginning in January 1979" in the February 1979 issue of *Employment and Earnings*. Differences between the old and new procedures exist only for metropolitan and nonmetropolitan estimates, not for the total U.S.

Beginning in January 1982, the second-stage ratio adjustment methodology was changed in the CPS estimation procedure. The new procedure is described in the *Estimating Methods* section. The purpose of the change and an indication of its effect on national estimates of labor force characteristics appear in "Revisions in the Current Population Survey in January 1982" in the February 1982 issue of *Employment and Earnings*. In addition, current population estimates used in the second-stage estimation procedure are derived from information obtained from the 1980 census, rather than the 1970 census. This change caused substantial increases in total population and estimates of persons in all labor force categories. Rates on labor force characteristics, however, remained virtually unchanged. Some 30,000 labor force series were adjusted back to 1970 to avoid major breaks in series. The adjustment procedure used is also described in the February 1982 article referenced above. The revisions did not, however, smooth out the breaks in series occurring between 1972 and 1979 that are described above, and data users should make allowances for them in making certain data comparisons.

Changes in the occupational classification system

Beginning with 1971, the comparability of occupational employment data was affected as a result of changes in census occupational classifications introduced into the Current Population Survey (CPS). These changes stemmed from an exhaustive review of the classification system to be used for the 1970 Census of Population. The purpose of this review, the most comprehensive since the 1940 census, was to reduce the size of larger groups, to be more specific about general and "not elsewhere classified" groups, and to provide information on emerging significant occupations. Differences in March 1970 employment levels tabulated on both the 1960 and 1970 classification systems ranged from a drop 650,000 in operatives to an increase of 570,000 in service workers, much of which resulted from a shift between these two groups; the nonfarm laborers group increased by 420,000, and changes in other groups amounted to 220,000 or less.

An additional major group was created by splitting the operatives category into two: Operatives, except transport, and transport equipment operatives. Separate data for these two groups first became available in January 1972. At the same time, several changes in titles, as well as in order of presentation, were introduced; for example, the title of the managers, officials, and proprietors group was changed to "managers and administrators, except farm," since only proprietors performing managerial duties are included in the category.

Apart from the effects of revisions in the occupational classification system beginning in 1971, comparability of occupational employment data was further affected in December 1971, when a question eliciting information on major activities or duties was added to the monthly CPS questionnaire in order to determine more precisely the occupational classification of individuals. This change resulted in several dramatic occupational shifts, particularly from managers and administrators to other groups. Thus, meaningful comparisons of occupational levels cannot always be made for 1972 and subsequent years with earlier periods. However, revisions in the occupational classification system as well as in the CPS questionnaire are believed to have had but a negligible impact on unemployment rates.

Additional information on changes in the occupational classification system of the CPS appears in "Revisions in Occupational Classifications for 1971" and "Revisions in the Current Population Survey" in the February 1971 and February 1972 issues, respectively, of *Employment and Earnings*.

Changes in sample design

Since the inception of the survey, there have been various changes in the design of the CPS sample. Most of these changes were made in order to improve the efficiency of the sample design and/or to increase the reliability of the sample estimates.

One major change made after every decennial census is to change the sample design to make use of the recently collected census materials. Also, occasionally the sample is expanded in terms of number of sample areas and number of sample persons. In 1953, a rotation plan was introduced in which a sample unit would be interviewed for 4 months, leave the sample for 8 months, and then return to the sample for another 4 months. When Alaska and Hawaii achieved statehood, three more sample areas were added to the sample to account for the population in these States. After the 1960 census, selection of a major portion of the sample from census address lists was begun, though a portion of the sample is still collected using area

sampling. Following the 1970 census, the ultimate sampling unit was changed from a noncontiguous cluster of six housing units to a usually contiguous cluster of four housing units. In January 1978, a supplemental sample of 9,000 housing units, selected in 24 States and the District of Columbia and designed to provide more reliable annual average estimates for States, was incorporated with the existing design. A coverage improvement sample, composed of approximately 450 sample household units which represent 237,000 occupied mobile homes and 60,000 new construction house units, was included in computing the estimates beginning in October 1978 in order to provide coverage of mobile homes and new construction housing units that previously had no chance for selection in the CPS sample. In January 1980 another supplemental sample of 9,000 households selected in 32 States and the District of Columbia was added to the existing sample. A sample reduction of about 6,000 units was implemented in May 1981. In January 1982, about 100 occupied units were added to provide sufficient coverage in counties added to SMSA's which were redefined in 1973.

Table A provides a description of some aspects of the CPS sample design in use during the different data collection periods. For a more detailed account of the history of the CPS sample design, see *The Current Population Survey: Design and Methodology*, Technical Paper No. 40, Bureau of the Census, U.S. Department of Commerce, or *Concepts and Methods used in Labor Force Statistics Derived from the Current Population Survey*, BLS Report 463.

ESTIMATING METHODS

Under the estimating methods used in the CPS, all of the results for a given month become available simultaneously and are based on returns from the entire panel of respondents. The CPS estimation procedure involves weighting the data from each sample person. The basic weight, which is the inverse of the probability of the person being in the sample, is a rough measure of the number of actual persons that the sample person represents. In States supplemented in the 1978 and 1980 expansions, almost all sample persons within the sample area have the same basic weight, but the weight may differ across sample areas. The basic weight is the same for almost all sample persons in unsupplemented States. The basic weights are then adjusted for noninterview, and the ratio estimation procedure is applied.

1. Noninterview adjustment. The weights for all interviewed households are adjusted to the extent needed to account for occupied sample households for which no information was obtained because of absence, impassable roads, refusals, or unavailability of the respondent for other reasons. This adjustment is made separately by combinations of sample areas within each State and the District of Columbia, and within these, for six groups—two race categories (white, and black and other) within three residence categories. For sample areas which are Standard Metropolitan Statistical Areas (SMSA's), these residence categories are the central cities, and the urban and the rural balance of the SMSA's. For other sample areas, the residence categories are urban, rural nonfarm, and rural farm. The proportion of sample households not interviewed varies from 4 to 5 percent depending on weather, vacations, etc.

2. *Ratio estimates.* The distribution of the population selected for the sample may differ somewhat, by chance, from that of the population as a whole, in such characteristics as age, race, sex, and residence. Since these characteristics are closely correlated with labor force participation and other principal measurements made from the sample, the survey estimates can be substantially improved when weighted appropriately by the known distribution of these population characteristics. This is accomplished through two stages of ratio estimates as follows:

a. *First-stage ratio estimate.* In the CPS, a portion of the 629 sample areas is chosen to represent other areas not in the sample; the remainder of the sample areas represent only themselves. The first-stage ratio estimation procedure was designed to reduce the portion of the variance resulting from requiring sample areas to represent nonsample areas. Therefore, this procedure is not applied to sample areas which represent only themselves. The procedure is performed at two geographic levels: First, by the four census regions (Northeast, North Central, South, and West), and second, for each of the 46 States which contains nonsample areas. The procedure corrects for the differences that existed at the time of the 1980 census between the distribution by race and residence of the population in the sample areas and the known race-residence distribution in the portions of the census region or State represented by these areas. The regional adjustment is performed by metropolitan-nonmetropolitan residence and race, while the State adjustment is done by urban-rural status and race.

b. *Second-stage ratio estimate.* In this stage, the sample proportions in the categories described below are adjusted to the distribution of independent current estimates of the civilian noninstitutional population in the same categories. The second-stage ratio estimate is performed in order to increase the reliability of the estimates and is carried out in two steps. In the first step, the sample estimates are adjusted within each State and the District of Columbia to an independent control for the population 16 years and over, for the State. The second step of the adjustment is applied to all sample persons and is a weighting to nationwide independent population estimates of the civilian noninstitutional population within 68 age-sex-race groups. The entire second-stage ratio estimation procedure is iterated six times, each time beginning at the weights developed the previous time. This iteration ensures that the sample estimates both of the State population and of the national age-sex-race categories will be virtually equal to the independent population estimates. This second stage adjustment procedure incorporates changes instituted in January 1982. The nature of these changes is discussed in detail in "Revisions in the

Table A. Characteristics of the CPS sample

Time period	Number of sample areas	Households eligible		Households visited not eligible
		Interviewed	Not interviewed	
Aug. 1947 to Jan. 1954	68	21,000	500–1,000	3,000–3,500
Feb. 1954 to Apr. 1956	230	21,000	500–1,000	3,000–3,500
May 1956 to Dec. 1959	[1] 330	33,500	1,500	6,000
Jan. 1960 to Feb. 1963	[2] 333	33,500	1,500	6,000
Mar. 1963 to Dec. 1966	357	33,500	1,500	6,000
Jan. 1967 to July 1971	449	48,000	2,000	8,500
Aug. 1971 to July 1972	449	45,000	2,000	8,000
Aug. 1972 to Dec. 1977	461	45,000	2,000	8,000
Jan. 1978 to Dec. 1979	614	53,500	2,500	10,000
Jan. 1980 to Apr. 1981	629	62,200	2,800	12,000
May 1981 to present	629	57,800	2,500	11,000

[1] Beginning in May 1956, these areas were chosen to provide coverage in each State and the District of Columbia.

[2] Three sample areas were added in 1960 to represent Alaska and Hawaii after statehood.

Current Population Survey Beginning in January 1982" in the February 1982 issue of *Employment and Earnings*.

The controls by State for the civilian noninstitutional population 16 years and over are an arithmetic extrapolation of the trend in the growth of this segment of the population from the April 1, 1980 census through the lastest available July 1 estimate, adjusted as a last step to a current estimate of the U.S. population of this group. State estimates by age for July 1 are published annually in *Current Population Reports*, Series P-25. For a description of the methodology used in developing the State total, use Report 640 of that series. Descriptions of the age estimates methodology are available on request from the Chief of the Population Division, U.S. Bureau of the Census; Washington, D.C. 20233.

Beginning with the January 1982 estimates, the independent national controls used for the age-sex-race groups in the final step of the second-stage ratio adjustment are prepared by carrying forward the April 1, 1980, total population by age, race, and sex, taking account of the subsequent aging of the population, fertility, mortality, and net immigration, and then subtracting the estimate for the institutional population and Armed Forces. The April 1, 1980, total population was computed by adding together the resident population, consistent with that published for the 1980 census in *Advance Reports*, Series PHC80-V, and the Armed Forces overseas, as compiled from Department of Defense reports.

Data on births and deaths between April 1, 1980, and the estimate date are based on tabulation of vital statistics for the resident population made by the National Center for Health Statistics and data on deaths of military personnel overseas from the Department of Defense. Estimates of net civilian immigration are based on data provided by the Immigration and Naturalization Service, the Department of Defense, the Office of Personnel Management, and the Puerto Rico Planning Board. The civilian noninstitutional population for the estimate date is derived by subtracting the Armed Forces and the institutional population from the total population including Armed Forces overseas. The institutional population is computed by applying institutional proportions derived from the 1970 census to the total population, including Armed Forces overseas for the estimate date. All computations described above are performed in cells defined by single year of age, race, and sex. The independent national controls totals are then obtained by collapsing these cells into broader age groups for the population 16 years and older.

3. *Composite estimate procedure.* In deriving statistics for a given month, a composite estimating procedure is used which takes account of net changes from the previous month for continuing parts of the sample (75 percent) as well as the sample results for the current month. Almost all estimates of month-to-month change are improved by this procedure, and most estimates of levels are also improved, but to a lesser extent.

Rounding of estimates

The sums of individual items may not always equal the totals shown in the same tables because of independent rounding of totals and components to the nearest thousand. Differences, however, are insignificant.

Reliability of the estimates

There are two types of errors possible in an estimate based on a sample survey—sampling and nonsampling. The standard errors provided primarily indicate the magnitude of the sampling error. They also partially measure the effect of some nonsampling errors in response and enumeration but do not measure any systematic biases in the data.

Nonsampling errors. The full extent of nonsampling error is unknown, but special studies have been conducted to quantify some sources of nonsampling error in the CPS as discussed below. The effect of nonsampling error should be small on estimates of relative change, such as month-to-month change. Estimates of monthly levels would be more severely affected by the nonsampling error.

Nonsampling errors in surveys can be attributed to many sources, e.g., inability to obtain information about all cases in the sample, definitional difficulties, differences in the interpretation of questions, inability or unwillingness of respondents to provide correct information, inability to recall information, errors made in collection such as in recording or coding the data, errors made in processing the data, errors made in estimating values for missing data, and failure to represent all sample households and all persons within sample households (undercoverage).

Nonsampling errors occurring in the interview phase of the survey have been studied by means of a reinterview program. This program is used to estimate various sources of error as well as to evaluate and control the work of the interviewers. A random sample of each interviewer's work is inspected through reinterview at regular intervals. The results indicate, among other things, that the data published from the CPS are subject to moderate systematic biases. A description of the CPS reinterview program and some of the other results may be found in the *Current Population Survey Reinterview Program, January 1961 through December 1966*, Technical Paper No. 19, Bureau of the Census, U.S. Department of Commerce.

The effects of some components of nonsampling error in the CPS data can be examined as a result of the rotation plan used for the sample, since the level of the estimates varies by rotation group. A description of these effects appears in the article "The Effects of Rotation Group Bias on Estimates from Panel Surveys," by Barbara A. Bailar, *Journal of the American Statistical Association*, Volume 70, No. 349, March 1975.

Undercoverage in the CPS results from missed housing units and missed persons within sample households. Overall undercoverage as compared to the level of the decennial census, is about 5 percent. It is known that the CPS undercoverage varies with age, sex, and race. Generally, undercoverage is larger for males than for females, and larger for black and other races combined than for whites. Ratio estimation to independent age-sex-race population controls, as described previously, partially corrects for the biases due to survey undercoverage. However, biases exist in the estimates to the extent that missed persons in missed households or missed persons in interviewed households have different characteristics than interviewed persons in the same age-sex-race group. Further, the independent population controls used have not been adjusted for undercoverage in the 1980 census.

Additional information on nonsampling error in the CPS appears in the paper, "An Error Profile: Employment as Measured by the Current Population Survey," by Camilla Brooks and Barbara Bailar, Statistical Policy Working Paper 3, U.S. Department of Commerce, Office of Federal Statistical Policy and Standards; in the paper "The Current Population Survey: An Overview," by Marvin Thompson and Gary Shapiro, *Annals of Economic and Social Measurement, Vol. 2, April 1973;* and in the *The Current Population Survey, Design and Methodology*, Technical Paper No. 40, Bureau of the Census, U.S. Department of Commerce. This last document includes a comprehensive and up-to-date discussion of various sources of error, and describes attempts to measure them in the CPS.

Sampling error. The standard error is primarily a measure of sampling variability, that is, of the variation that occurs by chance because a sample rather than the entire population is surveyed. The sample estimate and its estimated standard error enable one to construct confidence intervals, ranges that would include the average of all possible samples with a known probability. For example, if all possible samples were selected, each of these surveyed under essentially the same general conditions and using the sample sample design, and an estimate and its estimated error were calculated from each sample, then:

same general conditions and using the same sample design, and an estimate and its estimated error were calculated from each sample, then:

1. Approximately 68 percent of the intervals from one standard error below the estimate to one standard error above the estimate would include the average result of all possible samples.

2. Approximately 90 percent of the intervals from 1.6 standard errors below the estmate to 1.6 standard errors above the estimate would include the average of all possible samples.

3. Approximately 95 percent of the intervals from 2 standard errors below the estimate to 2 standard errors above the estimate would include the average result of all possible samples.

In order to derive standard errors that would be applicable to a large number of estimates and could be prepared at a moderate cost, a number of approximations were required. First, the standard errors in this volume reflect the sample design and estimation procedures in effect prior to the expansions for State estimates. Thus, these standard errors may slightly overstate the standard errors applicable to the present design. Second, instead of computing an individual standard error for each estimate, generalized sets of standard errors were computed for various types of characteristics. This generalization yields more stable estimates of the standard errors. Consequently, the sets of standard errors provided give an indication of the order of magnitude of the standard error of an estimate rather than the precise standard error.

Tables B and C show approximate standard errors for major employment status characteristics for monthly estimates and for changes for consecutive months. These standard errors are applicable to the level of the estimates in recent months.

Tables D through H provide generalized standard errors for monthly level and month-to-month change for estimated totals, unemployment rates, and percentages. Table I contains factors for use with table H for computing standard errors, as described below, for monthly level and month-to-month change for percentages. Standard errors for intermediate values not shown in the tables may be approximated by linear interpolation. The standard error for estimated changes from one month to the next is more closely related to the monthly level for the characteristic than to the size of the specific month-to-month change itself. Thus, in order to use the generalized standard errors for month-to-month change as given in the tables of standard errors, it is necessary to obtain the monthly estimate for the characteristic. It should be noted that the tables of standard errors for month-to-month change apply only to estimates of change between two consecutive months. Estimates of change for nonconsecutive months are subject to higher standard errors. Table J contains factors for use with tables D,F,H,and I to compute approximate standard errors, as described below, for levels, labor force participation rates, and percentages as pertaining to year-to-year change of monthly estimates, quarterly averages, changes in quarterly averages, yearly averages and changes in yearly averages. Note that standard errors for changes in quarterly and yearly estimates apply only to consecutive quarters and years. For years prior to 1967, the standard errors must be adjusted due to the differences in the sample size. For years prior to 1956, the standard errors should be multiplied by 1.50 and for the 1956-66 period they should by multiplied by 1.22. Table K provides generalized standard errors for quarterly estimates of persons and families for use with the CPS earnings data.

Standard errors for estimated totals. Tables D and E provide generalized standard errors for monthly totals and for month-to-month change. The figures given in these tables are to used for the characteristics as indicated.

Illustration. Assume that in a given month the number of persons working a specific number of hours was 12,000,000, an increase of 400,000 over the previous month. Linear interpolation in the second column of table D shows that the standard error on an estimate of 12,000,000 is about 150,000. The 68 percent confidence interval as shown by these data is from 11,850,000 to 12,150,000. Therefore, a conclusion that the average estimate derived from all possible samples lies within a range computed in this way would be correct for roughly 68 percent of all possible samples. Recall that the standard error of a month-to-month change is primarily dependent on the size of the monthly estimate. Thus, using linear interpolation in the first column of table E the standard error on a month-to-month change of 400,000 when the monthly level is approximately 12,000,000 is about 111,000.

Standard errors for rates and percentages. The reliability of an estimated unemployment rate or an estimated percentage, computed using sample data for both numerator and denominator, depends on both the size of the rate or percentage and the total upon which the rate or percentage is based. Estimated rates and percentages are relatively more reliable than the corresponding estimates of the numerator of the rates or percentages; this is particularly true for percentages of 50 percent or more. As a general rule, percentages are not published when the monthly base is less than 75,000, the quarterly average base is less than 60,000, or the annual average base is less than 35,000.

Tables F and G show generalized standard errors for monthly level and month-to-month change for unemployment rates.

Generalized standard errors for estimated monthly percentages and estimated month-to-month change in percentages can be obtained through the use of the standard errors in table H and the factors in table I. First obtain the standard error from table H for the specific percentage and base. The generalized standard error is then calculated

Table B. Standard errors for major employment status categories

(In thousands)

Employment status, sex, age, and race	Standard error of-	
	Monthly level	Month-to-month change (consecutive months only)
Total, 16 years and over:		
Civilian labor force	208	161
Employed	229	175
Unemployed	122	123
Males, 20 years and over:		
Civilian labor force	113	95
Employed	131	114
Unemployed	84	85
Females, 20 years and over:		
Civilian labor force	167	124
Employed	168	128
Unemployed	71	74
Both sexes, 16-19 years:		
Civilian labor force	80	85
Employed	85	94
Unemployed	58	72
Black and other, 16 years and over:		
Civilian labor force	73	56
Employed	84	63
Unemployed	59	62
Males, 20 years and over:		
Civilian labor force	40	34
Employed	49	43
Unemployed	40	42
Females, 20 years and over:		
Civilian labor force	62	46
Employed	62	48
Unemployed	36	40
Both sexes, 16-19 years:		
Civilian labor force	33	37
Employed	31	36
Unemployed	28	30

by multiplying the standard error from table H by the appropriate factor from table I. When the numerator and denominator of the percentage are in different categories, use the factor indicated by the numerator of the percentage.

Illustration. For example, assume that in a given month 3.6 percent of a total of 90,771,000 employed persons are employed in agriculture. First the standard error on an estimate of 3.6 percent with a base of 90,771,000 is obtained from table H (0.09 percentage point). The appropriate factor from table I for the numerator of the percentage, agricultural employment, is 1.26. The generalized standard error on the estimated 3.6 percent is then approximately 0.09 x 1.26 = 0.1 percentage point.

Standard errors for year-to-year change of monthly estimates, quarterly averages, changes in quarterly averages, yearly averages and changes in yearly averages. The approximate standard errors of levels, rates and percentages involving year-to-year change of monthly estimates, quarterly averages, changes in quarterly averages, yearly averages and changes in yearly averages may be obtained by using table J in conjunction with the other tables. Standard errors for estimates of change are more closely related to the level of the estimate than to the size of the specific change. Thus, to obtain the standard error of an estimate of an average level, rate, or percentage, or an estimate of a change in level, rate, or percentage, it is first necessary to find the appropriate estimate of level. For an estimate of an average level, rate or percentage, find the standard error of this estimate. For an estimate of change in level, rate or percentage, find the standard error of the average of the two estimates affecting the change. Then, after computing the standard error by treating these estimates as monthly estimates and using the procedures above, multiply this result by a suitable factor from table J to obtain the approximate standard error for the average or change.

Illustration. For example, suppose that one is interested in the year-to-year change of a monthly unemployment rate. Let us assume that for a certain month the unemployment rate is 6.9 percent based on a total of 95,676,000 in the civilian labor force, and that a year prior to this the unemployment rate was 6.1 percent based on a total of 94,254,000 in the civilian labor force for the month. First, the standard error on the average of the two estimates, 6.5 percent with a base of 94,965,000, is obtained from table F (0.11 percentage point). The appropriate factor then from table J is 1.40. The approximate standard error on the change of 0.8 percent is then given by 0.11x1.40 = 0.15 percentage point.

The approximate standard error of levels involving year-to-year change of quarterly estimates pertaining to CPS earnings data for persons and families may be obtained by using table K in conjunction with the following formula:

$$\text{Standard error of year-to-year change} = \sqrt{\left(\text{Standard error}_X\right)^2 + \left(\text{Standard error}_Y\right)^2 - 2(P)\left(\text{Standard error}_X\right)\left(\text{Standard error}_Y\right)}$$

where X is the estimate for one quarter and Y is the estimate for another quarter. The coefficient, P, is a measure of the correlation between the estimates X and Y resulting from the presence of some of the same respondents in the sample for each estimate. For consecutive year-to-year changes of quarterly estimates, the values of P are .30 for persons (total, white, and black) and .35 for families (total, white, and black). The respective values for estimates of Hispanics are .45 and .55.

Illustration:

Assume that in a given quarter the number of women employed as full-time wage and salary workers was 27,000,000 and in the same quarter a year later their number had increased to 29,000,000. Using linear interpolation in the eighth column of table K, the standard error of an estimate of 27,000,000 is 216,000; for 29,000,000 it is 221,000. Using the above formula, the standard error of the 2,000,000, year-to-year change is:

$$\sqrt{(216{,}000)^2 + (221{,}000)^2 - 2\,(.30)\,(216{,}000)\,(221{,}000)},$$

or about 259,000.

Table C. Standard errors for unemployment rates by major characteristics

Selected categories	Standard error of-	
	Monthly level	Consecutive month change
Total (all civilian workers)	0.12	0.12
Males, 20 years and over	.15	.15
Females, 20 years and over	.17	.18
Both sexes, 16-19 years	.57	.67
White workers	.12	.12
Black (and other) workers	.46	.49
Married men, spouse present	.15	.16
Married women, spouse present	.21	.23
Full-time workers	.12	.13
Part-time workers	.32	.40
Unemployed 15 weeks and over	.06	.07
OCCUPATION		
White-collar workers	.12	.13
Professional and technical	.18	.20
Managers and administrators, except farm	.20	.23
Sales workers	.36	.41
Clerical workers	.23	.25
Blue-collar workers	.24	.26

Selected categories	Standard error of-	
	Monthly level	Consecutive month change
OCCUPATION		
Blue-collar workers—Continued		
Craft and kindred workers	0.33	0.37
Operatives, except transport	.44	.50
Transport equipment operatives	.70	.77
Nonfarm laborers	.71	.81
Service workers	.32	.36
Farm workers	.54	.62
INDUSTRY		
Nonagricultural private wage and salary workers	.13	.13
Construction	.59	.70
Manufacturing	.27	.30
Durable goods	.37	.41
Nondurable goods	.39	.45
Transportation and public utilities	.38	.42
Wholesale and retail trade	.26	.29
Finance and service industries	.17	.19
Government workers	.20	.23
Agricultural wage and salary workers	1.07	1.26

Table D. Standard errors for estimates of monthly level

(In thousands)

Estimated monthly level	Characteristic[1]								
	Agricultural employment	Labor force data other than unemployment and agricultural employment data						Unemployment	
		Total or white	Black and other	Total or white, 16-19 years	Black and other, 16-19 years	Total or white males only, or females only	Black and other males only, or females only	Total or white	Black and other
50	13	10	10	10	10	9	9	10	11
100	18	14	14	14	14	13	13	14	15
500	41	32	32	32	28	30	29	31	33
1,000	57	45	44	44	33	42	40	44	46
2,000	81	64	60	60	13	59	52	62	63
4,000	113	90	79	77	-	82	60	87	83
6,000	137	109	88	84	-	99	53	106	93
8,000	-	125	90	84	-	113	16	122	-
10,000	-	139	87	76	-	124	-	135	-
15,000	-	166	36	-	-	146	-	163	-
20,000	-	188	-	-	-	161	-	182	-
30,000	-	219	-	-	-	177	-	-	-
40,000	-	249	-	-	-	178	-	-	-
50,000	-	253	-	-	-	164	-	-	-
60,000	-	260	-	-	-	131	-	-	-
70,000	-	260	-	-	-	49	-	-	-
80,000	-	254	-	-	-	-	-	-	-
100,000	-	221	-	-	-	-	-	-	-
120,000	-	143	-	-	-	-	-	-	-

[1] When determining the standard error of an estimate for a group which is a subset of the age, sex, or race groups listed, use the standard error for the next larger group, e.g., when determining the standard error on the estimated number of employed persons age 20 to 54 years, use the column for total employed.

Table E. Standard errors for estimates of month-to-month change

(In thousands)

Estimated monthly level	Characteristic[1]							
	Labor force data other than unemployment and agricultural employment data				Unemployment			
	Total or white	Black and other	Total or white, 16-19 years	Black and other, 16-19 years	Total or white	Both sexes 16-19 years, or part-time labor force[2]	Black and other	Black and other, 16-19 years
50	8	8	12	12	11	12	12	12
100	11	11	17	17	16	17	16	17
500	24	23	37	33	35	39	36	34
1,000	34	33	52	37	48	55	49	39
2,000	47	45	70	-	68	77	65	-
4,000	66	58	89	-	93	107	80	-
6,000	81	65	96	-	110	129	-	-
8,000	93	68	93	-	123	147	-	-
10,000	103	65	78	-	132	162	-	-
15,000	123	33	-	-	145	191	-	-
20,000	130	-	-	-	146	211	-	-
30,000	163	-	-	-	-	-	-	-
40,000	179	-	-	-	-	-	-	-
50,000	189	-	-	-	-	-	-	-
60,000	194	-	-	-	-	-	-	-
70,000	195	-	-	-	-	-	-	-
80,000	191	-	-	-	-	-	-	-
100,000	179	-	-	-	-	-	-	-
120,000	119	-	-	-	-	-	-	-

[1] See footnote 1, table D.

[2] Part-time labor force for unemployment also includes persons reentering the labor force, persons who left their last job, and persons by duration of unemployment.

Table F. Standard errors for unemployment rates

Monthly base of unemployment rate (in thousands)	Monthly unemployment rate (percent)									
	1	2	5	10	15	20	25	30	35	50
50	2.05	2.88	4.49	6.18	7.36	8.25	8.93	9.46	9.85	10.36
100	1.45	2.04	3.18	4.37	5.20	5.83	6.32	6.69	6.97	7.33
500	.65	.91	1.42	1.96	2.33	2.61	2.82	2.99	3.12	3.28
1,000	.46	.65	1.01	1.38	1.65	1.84	2.00	2.12	2.21	2.32
2,000	.32	.46	.71	.98	1.17	1.31	1.42	1.50	1.56	1.64
4,000	.23	.32	.50	.69	.83	.92	1.00	1.06	1.10	1.16
6,000	.19	.26	.41	.57	.67	.75	.82	.86	.90	.94
10,000	.15	.21	.32	.44	.52	.59	.63	.67	.70	.73
20,000	.11	.15	.23	.31	.37	.41	.45	.47	.49	.51
60,000	.06	.08	.12	.17	.20	.23	.25	.26	.27	.28
100,000	.04	.06	.10	.13	.16	.18	.19	.20	.21	.22

Table G. Standard errors for month-to-month change in unemployment rates

Monthly base of unemployment rate (in thousands)	Monthly unemployment rate (percent)									
	1	2	5	10	15	20	25	30	35	50
50	2.32	3.28	5.12	7.10	8.52	9.64	10.05	11.39	11.97	12.55
100	1.64	2.32	3.62	5.02	6.02	6.81	7.11	8.05	8.39	8.87
500	.74	1.04	1.62	2.25	2.69	3.04	3.17	3.58	3.73	3.93
1,000	.52	.73	1.15	1.59	1.90	2.15	2.24	2.52	2.62	2.74
2,000	.37	.52	.81	1.12	1.34	1.51	1.57	1.76	1.83	1.89
4,000	.26	.37	.57	.79	.94	1.06	1.10	1.22	1.26	1.26
6,000	.21	.30	.47	.64	.76	.86	.89	.97	1.00	–
10,000	.16	.13	.36	.49	.59	.65	.67	.72	–	–
20,000	.11	.15	.24	.33	.39	.44	.48	.51	–	–
60,000	.06	.09	.13	.18	.21	.22	.23	–	–	–
100,000	.05	.07	.10	.13	.14	.14	–	–	–	–

Table H. Standard errors for estimated percentages and month-to-month change in percentages for labor force data

Monthly base of percentages (in thousands)	Percentage of monthly level									
	1 or 99	2 or 98	5 or 95	10 or 90	15 or 85	20 or 80	25 or 75	30 or 70	35 or 65	50
50	2.03	2.85	4.44	6.12	7.28	8.15	8.83	9.34	9.72	10.19
100	1.43	2.02	3.14	4.32	5.15	5.77	6.24	6.61	6.88	7.21
500	.64	.90	1.41	1.93	2.30	2.58	2.79	2.95	3.07	3.22
1,000	.45	.64	.99	1.37	1.63	1.82	1.97	2.09	2.17	2.28
2,000	.32	.45	.70	.97	1.15	1.29	1.40	1.48	1.54	1.61
4,000	.23	.32	.50	.68	.81	.91	.99	1.04	1.09	1.14
6,000	.19	.26	.41	.56	.66	.74	.81	.85	.89	.93
10,000	.14	.20	.31	.43	.51	.58	.62	.66	.69	.73
20,000	.10	.14	.22	.31	.36	.41	.44	.47	.49	.51
40,000	.07	.10	.16	.22	.26	.29	.31	.33	.34	.36
60,000	.06	.08	.13	.18	.21	.24	.25	.27	.28	.29
80,000	.05	.07	.11	.15	.18	.20	.22	.23	.24	.25
100,000	.05	.06	.10	.14	.16	.18	.20	.21	.22	.23
160,000	.04	.05	.08	.11	.13	.14	.16	.17	.17	.18

NOTE: The standard errors in this table must be multiplied by the factors in table I to obtain the approximate standard error for a specific characteristic.

Table I. Factors to be used with Table H to compute approximate standard errors for percentages and month-to-month change in percentages

Characteristic	Factor		Characteristic	Factor	
	Monthly level	Month-to-month change		Monthly level	Month-to-month change
Agricultural employment:			Unemployment:		
Total or full-time labor force	1.26	1.05	Part-time labor force, duration of unemployment, left last job, reentering labor force	1.01	1.21
Part-time labor force	1.26	1.50			
Labor force data other than agricultural employment data and unemployment data:			All other unemployment characteristics:		
Total	1.00	.74	Total or white:		
Males only	.93	.84	Total	.97	1.08
Females only	.86	.75	Both sexes, 16-19 years	.97	1.21
Both sexes, 16-19 years	1.00	1.18	Black and other:		
Part-time labor force	1.00	1.18	Total	1.04	1.13
			Both sexes, 16-19 years	1.04	1.24

Table J. Factors to be used with Tables, D, F, H, and I to compute the approximate standard errors for levels, rates, and percentages for year-to-year change of monthly estimates, quarterly averages, change in quarterly averages, yearly averages and change in yearly averages

Characteristic	Factors				
	Year-to-year change of monthly estimate	Quarterly averages	Change in quarterly averages	Yearly averages	Change in yearly averages
Agricultural employment:					
Total or males	1.30	0.89	0.80	0.72	0.70
Females or teenagers (16-19 years)	1.30	.83	.80	.58	.70
Part time	1.40	.74	.80	.46	.70
Labor force data other than agricultural employment data and unemployment data:					
Total or white	1.30	.88	.88	.67	.70
Black and other or teenagers (16-19 years)	1.30	.82	.88	.57	.70
Part time	1.40	.74	.88	.46	.60
Unemployment:					
Total	1.40	.76	.88	.50	.65
Part time	1.40	.69	.88	.39	.54

Table K. Standard errors for estimates of quarterly level

(In thousands)

Estimated quarterly level	Characteristic								
	Total			Males				Females	
	Part-time workers	Total or full-time workers		Part-time workers	Total or full-time workers			Total, full-time, or part-time workers	
		Total or white	Black		Total	White	Black	Total or white	Black
10	5	5	5	5	5	5	5	5	5
50	11	12	12	11	12	12	12	11	11
75	13	15	15	13	15	15	15	13	13
100	15	17	17	15	17	17	17	15	15
150	19	21	21	19	21	21	21	19	19
200	22	24	24	22	24	24	24	22	21
250	24	27	27	24	27	27	27	24	24
300	26	30	30	26	30	30	29	26	26
500	34	38	38	34	38	38	37	34	33
750	42	47	46	42	47	47	45	42	41
1,000	48	54	53	48	54	54	50	48	46
1,500	59	66	63	59	66	66	59	59	56
2,000	68	76	72	68	76	76	65	68	63
2,500	76	85	79	75	84	84	69	75	69
3,000	83	93	85	82	92	92	71	82	74
5,000	107	119	100	105	117	116	64	105	85
7,500	130	145	107	127	140	138	-	127	-
10,000	149	165	102	144	157	155	-	145	-
15,000	180	198	-	187	183	179	-	173	-
20,000	205	224	-	192	199	193	-	195	-
25,000	226	244	-	207	209	199	-	211	-
30,000	224	261	-	219	212	198	-	224	-
40,000	273	286	-	236	201	174	-	242	-
50,000	296	301	-	-	-	-	-	-	-
75,000	331	304	-	-	-	-	-	-	-
100,000	343	255	-	-	-	-	-	-	-

Establishment Data
(B and C tables)

COLLECTION

Payroll reports provide current information on wage and salary employment, hours, and earnings in nonagricultural establishments, by industry and geographic location.

Federal-State cooperation

Under cooperative arrangements, responding establishments report employment, hours, and earnings data to State agencies. State agencies mail the forms to the establishments and examine the returns for consistency, accuracy, and completeness. The States use the reported data to prepare State and area series and also send the reported data to the BLS (Washington Office) for use in preparing the national series. This avoids a duplicate reporting burden on establishments, and together with the use of similar estimating techniques at the national and State levels, promotes increased comparability between estimates.

Shuttle schedules

Form BLS 790—Report on Employment, Payroll, and Hours is the name of the data collection schedule. The collection agency returns the schedule to the respondent each month so that the next month's data can be entered on the space alotted for that month. This "shuttle" procedure assures maximum comparability and accuracy of reporting, since the respondent can see the figures that have been reported for previous months.

Form BLS 790 provides for entry of data on the total number of full- and part-time workers on the payrolls of nonagricultural establishments and, for most industries, employment, payroll, and hours of production and related workers or nonsupervisory workers for pay period which includes the 12th of the month.

CONCEPTS

Industrial classification

Establishments reporting on Form BLS 790 are classified into industries on the basis of their principal product or activity determined from information on annual sales volume. Since January 1980, this information is collected on a supplement to the quarterly unemployment insurance tax reports filed by employers. For an establishment making more than one product or engaging in more than one activity, the entire employment of the establishment is included under the industry indicated by the principal product or activity.

All data on employment, hours, and earnings for the Nation and for States and areas are classified in accordance with the 1972 *Standard Industrial Classification Manual* (SICM), Office of Management and Budget. The BLS tabulates and estimates statistics which distinguish between private and public establishments, thus maintaining continuity with previously published statistics for the private and government sector.

Industry employment

Employment data, except those for the Federal Government, refer to persons on establishment payrolls who received pay for any part of the pay period which includes the 12th of the month. For Federal Government establishments, employment figures represent the number of persons who occupied positions on the last day of the calendar month. Intermittent workers are counted if they performed any service during the month.

The data exclude proprietors, the self-employed, unpaid volunteer or family workers, farm workers, and domestic workers in households. Salaried officers of corporations are included. Government employment covers only civilian employees; military personnel are excluded. Employees of the Central Intelligence and National Security Agencies are also excluded.

Persons on establishment payrolls who are on paid sick leave (when pay is received directly from the firm), on paid holiday, on paid vacation, or who work during a part of the pay period even though they are unemployed or on strike during the rest of the period are counted as employed. Not counted as employed are persons who are on layoff, on leave without pay, on strike for the entire period, or who were hired but have not yet reported during the period.

Industry hours and earnings

Average hours and earnings data are derived from reports of payrolls and hours for production and related workers in manufacturing and mining, construction workers in construction, and nonsupervisory employees in private service-producing industries.

Production and related workers include working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, trucking, hauling, maintenance, repair, janitorial, guard services, product development, auxiliary production for plant's own use (e.g., power plant), recordkeeping, and other services closely associated with the above production operation.

Construction workers include the following employees in the construction division: Working supervisors, qualified craft workers, mechanics, apprentices, helpers, laborers, etc., engaged in new work, alterations, demolition, repair, maintenance, etc., whether working at the site of contruction or working in shops or yards at jobs (such as precutting and preassembling) ordinarily performed by members of the construction trades.

Nonsupervisory employees include employees (not above the working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, physicians, lawyers, accountants, nurses, social workers, research aides, teachers, drafters, photographers, beauticians, musicians, restaurant workers, custodial workers, attendants, line installers and repairers, laborers, janitors, guards, and other employees at similar occupational levels whose services are closely associated with those of the employees listed.

Payroll covers the payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of the pay period which includes the 12th of the month. The payroll is reported before deductions of any kind, e.g., for old-age and unemployment insurance, group insurance, withholding tax, bonds, or union dues; also included is pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period); other pay not earned in the pay period reported (e.g., retroactive pay); tips; and the value of free rent, fuel, meals, or other payment in kind are excluded. "Fringe benefits" (such as health and other types of insurance, contributions to retirement, etc., paid by the employer) are also excluded.

Hours cover the hours paid for during the pay period which includes the 12th of the month for production, construction, or nonsupervisory workers. Included are hours paid for holidays, vacations, and for sick leave when pay is received directly from the firm.

Overtime hours covers hours worked by production or related workers for which overtime premiums were paid because the hours were in excess of the number of hours of either the straight-time workday or the workweek during the pay period which includes the 12th of the month. Weekend and holiday hours are included only if overtime premiums were paid. Hours for which only shift differential, hazard, incentive, or other similar types of premiums were paid are excluded.

Gross average hourly and weekly earnings. Average hourly earnings are on a "gross" basis. They reflect not only changes in basic hourly and incentive wage rates but also such variable factors as premium pay for overtime and late-shift work and changes in output of workers.

paid on an incentive plan. They also reflect shifts in the number of employees between relatively high-paid and low-paid work and changes in workers' earnings in individual establishments. Averages for groups and divisions further reflect changes in average hourly earnings for individual industries.

Averages of hourly earnings differ from wage rates. Earnings are the actual return to the worker for a stated period of time; rates are the amount stipulated for a given unit of work or time. The earnings series do not measure the level of total labor costs on the part of the employer since the following are excluded: Irregular bonuses, retroactive items, payments of various welfare benefits, payroll taxes paid by employers, and earnings for those employees not covered under the production worker, construction worker, or nonsupervisory employee definitions.

Gross average weekly earnings estimates are derived by multiplying average weekly hours estimates by average hourly earnings estimates. Therefore, weekly earnings are affected not only by changes in gross average hourly earnings but also by changes in the length of the workweek. Monthly variations in such factors as proportion of part-time workers, stoppages for varying reasons, labor turnover during the survey period, and absenteeism for which employees are not paid may cause the average workweek to fluctuate.

Long-term trends of gross average weekly earnings can be affected by structual changes in the makeup of the work force. For example, persistent long-term increases in the proportion of part-time workers in retail trade and many of the services industries have reduced average workweeks in these industries and have affected the average weekly earnings series.

Average weekly hours. The workweek information relates to the average hours for which pay was received and is different from standard or scheduled hours. Such factors as unpaid absenteeism, labor turnover, part-time work, and stoppages cause average weekly hours to be lower than scheduled hours of work for an establishment. Group averages further reflect changes in the workweek of component industries.

Average overtime hours. The overtime hours represent that portion of the gross average weekly hours which exceeded regular hours and for which overtime premiums were paid. If an employee were to work on a paid holiday at regular rates, receiving as total compensation his or her holiday pay plus straight-time pay for hours worked that day, no overtime hours would be reported.

Since overtime hours are premium hours by definition, gross weekly hours and overtime hours do not necessarily move in the same direction from month to month; for example, overtime premiums may be paid for hours in excess of the straight-time workday although less than a full week is worked. Diverse trends at the industry-group level also may be caused by a marked change in hours for a component industry where little or no overtime was worked in both the previous and current months. In addition, such factors as stoppages, absenteeism, and labor turnover may not have the same influence on overtime hours as on gross hours.

Railroads hours and earnings. The figures for Class I railroads (excluding switching and terminal companies) are based on monthly data summarized in the M-300 report of the Interstate Commerce Commission and relate to all employees except executives, officials, and staff assistants (ICC group I) who received pay during the month. Gross average hourly earnings are computed by dividing total compensation by total hours paid for. Average weekly hours are obtained by dividing the total number of hours paid for, reduced to a weekly basis, by the number of employees, as defined above. Gross average weekly earnings are derived by multiplying average weekly hours by average hourly earnings.

"Real" earnings, or earnings in constant dollars, are calculated from the earnings averages for the current month using a deflator derived from the Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W).

Average hourly earnings excluding overtime. Average hourly earnings excluding overtime premium pay are computed by dividing the total production-worker payroll for the industry group by the sum of total production-worker hours and one-half of total overtime hours. Prior to January 1956, these data were based on the application of adjustment factors to gross average hourly earnings (as described in the *Monthly Labor Review*, May 1950, pp. 537-40). Both methods eliminate only the earnings due to overtime paid for at 1½ times the straight-time rates. No adjustment is made for other premium payment provisions, such as holiday work, late-shift work, and overtime rates other than time and one-half.

Indexes of aggregate weekly payrolls and hours. The indexes of aggregate weekly payrolls and hours are prepared by dividing the current month's aggregate by the average of the 12 monthly figures for 1977. For basic industries, the hour aggregates are the product of average weekly hours and production-worker or nonsupervisory-worker employment, and the payroll aggregates are the product of hour aggregates and average hourly earnings. At all higher levels of industry aggregation, hour and payroll aggregates are the sum of the component aggregates.

Indexes of diffusion of changes in number of employees on nonagricultural payrolls. These indexes measure the percent of industries which posted increases in employment over the specified time span. The indexes are calculated from 186 unpublished seasonally adjusted employment series (two-digit nonmanufacturing industries and three-digit manufacturing industries) covering all nonagricultural payroll employment in the private sector. A more detailed discussion of these indexes appears in "Introduction of Diffusion Indexes," in the December 1974 issue of *Employment and Earnings*.

ESTIMATING METHODS

The principal features of the procedure used to estimate employment for the establishment statistics are (1) the use of the "link relative" technique, which is a form of ratio estimation; (2) periodic adjustment of employment levels to new benchmarks; and (3) the use of size and regional stratification.

The "link relative" technique

From a sample composed of establishments reporting for both the previous and current months, the ratio of current month employment to that of the previous month is computed. This is called a "link relative." The estimates of employment (all employees, including production and nonproduction workers together) for the current month are obtained by multiplying the estimates for the previous month by these "link relatives." In addition, small bias correction factors are applied to selected employment estimates each month. The size of the bias correction factors is determined from past experience. Other features of the general procedures are described in table L.

Size and regional stratification

A number of industries are stratified by size of establishment and/or by region, and the stratified production or nonsupervisory worker data are used to weight the hours and earnings into broader industry groupings. Accordingly, the basic estimating cell for an employment, hours, or earnings series, as the term is used in the summary of computational methods in table L, may be a whole industry or a size stratum, a region stratum, or a size stratum of a region within an industry.

Benchmark adjustments

Employment estimates are compared periodically with comprehensive counts of employment which provide "benchmarks" for the

Table L. Summary of methods for computing industry statistics on employment, hours, and earnings

Item	Basic estimating cell (industry, region, size, or region/size cell)	Aggregate industry levels (divisions, groups and, where stratified, individual cells)
	Monthly data	
All employees	All-employee estimate for previous month multiplied by ratio of all employees in current month to all employees in previous month, for sample establishments which reported for both months.[1]	Sum of all-employee estimates for component cells.
Production or nonsupervisory workers, women employees	All-employee estimate for current month multiplied by (1) ratio of production or nonsupervisory workers to all employees in sample establishments for current month, (2) estimated ratio of women to all employees.[2]	Sum of production- or nonsupervisory-worker estimates, or estimates of women employees, for component cells.
Gross average weekly hours	Production- or nonsupervisory-worker hours divided by number of production or nonsupervisory workers.[2]	Average, weighted by production- or nonsupervisory-worker employment, of the average weekly hours for component cells.
Average weekly overtime hours	Production-worker overtime hours divided by number of production workers.[2]	Average, weighted by production-worker employment, of the average weekly overtime hours for component cells.
Gross average hourly earnings	Total production- or nonsupervisory-worker payroll divided by total production- or nonsupervisory-worker hours.[2]	Average, weighted by aggregate hours, of the average hourly earnings for component cells.
Gross average weekly earnings	Product of gross average weekly hours and average hourly earnings.	Product of gross average weekly hours and average hourly earnings.
	Annual average data	
All employees, women employees, and production or nonsupervisory workers	Sum of monthly estimates divided by 12.	Sum of monthly estimates divided by 12.
Gross average weekly hours	Annual total of aggregate hours (production- or nonsupervisory-worker employment multiplied by average weekly hours) divided by annual sum of employment.	Annual total of aggregate hours for production or nonsupervisory workers divided by annual sum of employment for these workers.
Average weekly overtime hours	Annual total of aggregate overtime hours (production-worker employment multiplied by average weekly overtime hours) divided by annual sum of employment.	Annual total of aggregate overtime hours for production workers divided by annual sum of employment for these workers.
Gross average hourly earnings	Annual total of aggregate payrolls (product of production- or nonsupervisory-worker employment by weekly hours and hourly earnings) divided by annual aggregate hours.	Annual total by aggregate payrolls divided by annual aggregate hours.
Gross average weekly earnings	Product of gross average weekly hours and average hourly earnings.	Product of gross average weekly hours and average hourly earnings.

[1] The estimates result from multiplying the product shown by bias adjustment factors to compensate for the underrepresentation of newly formed enterprises in the sample and other bias sources.

[2] The sample production-worker ratio, women-worker ratio, average weekly hours, average overtime hours, and average hourly earnings are modified by a wedging technique designed to compensate for changes in the sample arising mainly from the voluntary character of the reporting. The wedging procedure accepts the advantage of continuity from the use of the matched sample, and at the same time, tapers or wedges the estimate toward the level of the latest sample average.

various nonagricultural industries, and appropriate adjustments are made as indicated. The industry estimates are currently projected from March 1981 levels. Normally, benchmark adjustments are made annually.

The primary sources of benchmark information are employment data, by industry, compiled quarterly by States agencies from reports of establishments covered under State unemployment insurance laws. These tabulations cover about 98 percent of employees on nonagricultural payrolls in the United States. Benchmark data for the residual are obtained from the records of the Social Security Administration, the Interstate Commerce Commission, and a number of other agencies in private industry or government.

The estimates for the benchmark month are compared with new benchmark levels, industry by industry. If revisions are necessary, the monthly series of estimates between benchmark periods are adjusted between the new benchmark and the preceding one, and the new benchmark for each industry is then carried forward progressively to the current month by use of the sample trends. Thus, under this procedure, the benchmark is used to establish the level of employment; the sample is used to measure the month-to-month changes in the level. A comparison of the actual amounts of revisions made at the time of the March 1981 benchmark adjustment is shown in table M.

Data for all months since the last benchmark to which the series has been adjusted are subject to revision. Revised data are published as soon as possible after each benchmark revision.

THE SAMPLE

Design

The sampling plan used in the current employment statistics program is know as "sampling proportionate to average size of establishment." This design is an optimum allocation design among strata since the sampling variance is proportional to the average size of establishments. Under this type of design, large establishments fall into the sample with certainty. The size of the sample for the various industries is determined empirically on the basis of experience and of cost considerations. In a manufacturing industry in which a high proportion of total employment is concentrated in relatively few establishments, a large percent of total employment is included in the sample. Consequently, the sample design for such industries provides for a complete census of the large establishments with only a few chosen from among the smaller establishments or none at all if the concentration of employment is great enough. On the other hand, in an industry in which a large proportion of total employment is in small establishments, the sample design calls for inclusion of all large establishments and also for a substantial number of the small ones. Many industries in the trade and services divisions fall into this category. To keep the sample to a size which can be handled by available resources, it is necessary to design samples for these industries with a smaller proportion of universe employment than is the case for most manufacturing industries. Since individual establishments in these nonmanufacturing divisions generally show less fluctuation from regular cyclical or seasonal patterns than do establishments in manufacturing industries, these smaller samples (in terms of employment) generally produce reliable estimates.

In the context of the BLS employment statistics program, with its emphasis on producing timely data at minimum cost, a sample must be obtained which will provide coverage of a sufficiently large segment of the universe to provide reasonably reliable estimates that can be published promptly and regularly. The present sample meets these specifications for most industries. With its use, the BLS is able to produce preliminary estimates each month for many industries and for many geographic levels within a few weeks after the reference period, and, at a somewhat later date, statistics in considerably greater industrial detail.

Table M. Comparison of nonagricultural employment benchmarks and estimates for March 1981

Industry division	Benchmark, March 1981	Estimate, March 1981	Percent difference
Total	90,371,000	90,720,000	-0.4
Mining	1,107,000	1,084,000	2.1
Construction	3,934,000	4,048,000	-2.9
Manufacturing	20,085,000	20,016,000	.4
Transportation and public utilities	5,102,000	5,095,000	.1
Wholesale and retail trade	20,096,000	20,290,000	-1.0
Finance, insurance, and real estate	5,239,000	5,263,000	-.5
Services	18,340,000	18,287,000	.3
Government	16,468,000	16,493,000	-.2

Coverage

The BLS sample of establishment employment and payrolls is the largest monthly sampling operation in the field of social statistics. Table N shows the approximate proportion of total employment in each industry division covered by the group of establishments furnishing monthly employment data. The coverage for individual industries within the division may vary from the proportions shown.

Reliability of the employment estimates

Although the relatively large size of the BLS establishment sample assures a high degree of accuracy, the estimates derived from it may differ from the figures that would be obtained if it were possible to take a complete census using the same schedules and procedures. As discussed under the previous section, a "link relative" technique is used to estimate employment. This requires the use of the previous month's estimate as the base in computing the current month's estimate. Thus, small sampling and response errors may cumulate over several months. To remove this accumulated error, the estimates are usually adjusted annually to new benchmarks. In addition to taking account of sampling and response errors, the benchmark revision

Table N. Approximate size and coverage of BLS employment and payrolls sample, March 1981[1]

Industry division	Number of establishments in sample	Employees	
		Number reported	Percent of total
Total	177,500	35,740,500	40
Mining	2,400	387,000	35
Construction	17,300	677,000	17
Manufacturing	45,000	10,951,000	55
Transportation and public utilities:			
Railroad transportation (ICC)	37	459,500	92
Other transportation and public utilities	8,100	2,717,000	53
Wholesale and retail trade	43,900	3,398,000	17
Finance, insurance, and real estate	12,200	1,950,000	37
Services	28,700	3,787,000	21
Government:			
Federal[2]	4,900	2,769,000	100
State and local	15,000	8,645,000	63

[1] Since a few establishments do not report payroll and hours information, hours and earnings estimates may be based on a slightly smaller sample than employment estimates.

[2] National estimates of Federal employment by agency are provided to BLS by the Office of Personnel Management. Detailed industry estimates for the Executive Branch, as well as State and area estimates of Federal employment, are based on a sample of 4,900 reports covering about 60 percent of employment in Federal establishments.

adjusts the estimates for changes in the industrial classification of individual establishments (resulting from changes in their product which are not reflected in the levels of estimates until the data are adjusted to new benchmarks). In fact, at the more detailed industry levels, particularly within manufacturing, changes in classification are the major cause of benchmark adjustments. Another cause of differences arises from improvements in the quality of the benchmark data. Table O presents the average percent revisions of the six most recent benchmarks (excluding the March 1973 adjustment) for major industry divisions. Detailed descriptions of individual benchmark revisions are available from the Bureau upon request.

The hours and earnings estimates for basic estimating cells are not subject to benchmark revisions, although the broader groupings may be affected slightly by changes in employment weights. The hours and earnings estimates, however, are subject to sampling errors which may be expressed as relative errors of the estimates. (A relative error is a standard error expressed as a percent of the estimate.) Relative errors for major industries are presented in table O and for individual industries with the specified number of employees in table P. The chances are about 2 out of 3 that the hours and earnings estimates from the sample would differ by a smaller percentage than the relative error from the averages that would have been obtained from a complete census.

One measure of the reliability of the employment estimates for individual industries is the root-mean-square error (RMSE). The measure is the standard deviation adjusted for the bias in estimates:

$$\text{RMSE} = \sqrt{(\text{Standard Deviation})^2 + (\text{Bias})^2}$$

If the bias is small, the chances are about 2 out of 3 that an estimate from the sample would differ from its benchmark by less than the root-mean-square error. The chances are about 19 out of 20 that the difference would be less than twice the root-mean-square error.

Table O. Average benchmark revision in employment estimates and relative errors for average weekly hours and average hourly earnings by industry division

(In percent)

Industry division	Average benchmark revision in estimates of employment[1]	Relative errors[2]	
		Average weekly hours	Average hourly earnings
Total nonagricultural employment	0.3	–	–
Total private	.3	0.1	0.2
Mining	1.3	.5	.5
Construction	2.2	.2	.3
Manufacturing	.4	.1	.1
Durable goods	.4	.1	.1
Nondurable goods	.5	.1	.1
Transportation and public utilities	.4	.7	.4
Trade	.5	.1	.2
Wholesale	.7	.2	.3
Retail	.6	.2	.2
Finance, insurance, and real estate	.5	.2	.4
Services	.7	.4	.8
Government[3]	.5	–	–

[1] The average percent revision in employment for the following benchmarks: 1971, 1974, 1978, 1979, 1980 and 1981.

[2] Relative errors relate to March 1971 data.

[3] Estimates for government are based on a total count for Federal Government and, prior to the March 1979 revision,samples for State and local government benchmarked to a quinquennial census of government conducted by the Bureau of the Census.

Approximations of the root-mean-square errors (based on the most recent benchmark revisions) of differences between final estimates and benchmarks are presented in table P.

Table P. Root-mean-square errors of differences between benchmarks and estimates of employment and average relative errors for average weekly hours and average hourly earnings

Size of employment estimate	Root-mean-square error of employment estimates[1]	Relative errors[2] (in percent)	
		Average weekly hours	Average hourly earnings
50,000	2,100	0.9	1.5
100,000	4,400	.7	1.1
200,000	7,100	.5	.9
500,000	15,200	.4	.8
1,000,000	17,100	.3	.5
2,000,000	28,500	.3	.5

[1] Assuming 12-month intervals between benchmark revisions.

[2] Relative errors relate to March 1971 data.

For the two most recent months, estimates of employment, hours, and earnings are preliminary and are so footnoted in the tables. These figures are based on less than the total sample and are revised when all the reports in the sample have been received. Table Q presents root-mean-square errors of the amounts of revisions that may be expected between the preliminary and final levels of employment and preliminary and final month-to-month changes. Revisions of preliminary hours and earnings estimates are normally not greater than 0.1 of an hour for weekly hours and 1 cent for hourly earnings.

STATISTICS FOR STATES AND AREAS

State and area employment, hours, and earnings data are collected and prepared by State agencies in cooperation with BLS.

Table Q. Errors of preliminary employment estimates

Category	Root-mean-square error of—	
	Monthly level	Month-to-month change
INDUSTRY DIVISIONS		
Total nonagricultural employment	84,000	72,000
Mining	5,000	5,000
Construction	18,000	16,000
Manufacturing	31,000	28,000
Durable two-digit industries	3,700	3,500
Nondurable two-digit industries	2,500	2,500
Transportation and public utilities	13,000	14,000
Wholesale and retail trade	30,000	27,000
Finance, insurance, and real estate	8,000	7,000
Services	31,000	25,000
Government	50,000	38,000
DETAILED INDUSTRIES: SIZE OF EMPLOYMENT ESTIMATE		
50,000	300	400
100,000	700	700
200,000	1,100	1,100
500,000	3,900	4,100
1,000,000	3,800	3,900
2,000,000	6,000	6,100

NOTE: Division level data are based on differences from January 1976 through December 1981. Detailed industry data are based on differences from August 1978 through June 1979.

The area statistics relate to metropolitan areas. Definitions for all areas are published each year in the issue of *Employment and Earnings* that contains State and area annual averages (usually the May issue). Changes in definitions are noted as they occur. Additional industry detail may be obtained from the State agencies listed on the inside back cover of each issue. These statistics are based on the same establishment reports used by BLS for preparing national estimates. For employment, the sum of the State figures may differ slightly from the equivalent official U.S. totals on a national basis, because some States have more recent benchmarks than others and because of the effects of differing industrial and geographic stratification.

For the States and the areas shown in the B and C sections of this periodical, all the annual average data for the detailed industry statistics currently published by each cooperating State agency are presented in a summary volume published annually by the BLS.

PRODUCTIVITY DATA

Tables C-9, C-10, and C-11 are compiled by the Bureau of Labor Statistics from establishment data and from estimates of compensation and gross national product supplied by the U.S. Department of Commerce and the Federal Reserve Board.

Definitions

Hours of wage and salary workers in nonagricultural establishments refer to hours paid for all employees—production workers, nonsupervisory workers, and salaried workers.

Output is the constant-dollar market value of final goods and services produced in a given period. Indexes of *output per hour* of labor input, or labor productivity, measure changes in the volume of goods and services produced per unit of labor.

Compensation per hour includes wages and salaries of employees plus employers' contributions for social insurance and private benefit plans. The data also include an estimate of wages, salaries, and supplementary payments for the self-employed, except for nonfinancial corporations, in which there are no self-employed.

Real compensation per hour is compensation per hour adjusted to eliminate the effect of changes in the Consumer Price Index for All Urban Consumers (CPI-U).

Unit labor costs measure the labor compensation cost required to produce one unit of output and are derived by dviding compensation per hour by output per hour. *Unit nonlabor payments* include profits, depreciation, interest, and indirect taxes per unit of output. They are computed by subtracting compensation of all persons from the current-dollar gross national product and dividing by output. In these tables, unit nonlabor costs contain all the components of unit nonlabor payments except unit profits. *Unit profits* include corporate profits and inventory valuation adjustments per unit of output.

The *implicit price deflator* is derived by dividing the current-dollar estimate of gross product by the constant-dollar estimate, making the deflator, in effect, a price index for gross product of the sector reported.

Notes on the data

For the private business sector and the nonfarm business sector, these indexes relate to the gross domestic product less household and institutions, owner-occupied housing, and statistical discrepancy. For the nonfinancial corporate sector, the indexes refer to the gross domestic product of nonfinancial corporate business.

Manufacturing data have been revised to reflect the revisions in the Federal Reserve Board Index of Industrial Production. Output data are supplied by the Bureau of Economic Analysis, U.S. Department of Commerce, and the Federal Reserve Board. Quarterly measures have been adjusted by the Bureau of Labor Statistics to annual estimates of output (gross product originating) from the Bureau of Economic Analysis. Compensation and hours data are from the Bureau of Economic Analysis and the Bureau of Labor Statistics

State and Area Unemployment Data
(D table)

FEDERAL-STATE COOPERATIVE PROGRAM

Labor force and unemployment estimates for States, labor market areas (LMA's), and other areas covered under Federal assistance programs are developed by State employment security agencies under a Federal-State cooperative program. The local unemployment estimates which are derived from standardized procedures developed by BLS are the basis of determining eligibility of an areas for benefits under Federal programs such as the Comprehensive Employment and Training Act, the Public Works Employment Act, and the Public Workers and Economic Development Act.

ESTIMATING METHODS

Labor force and unemployment in 10 large States: New York, California, Illinois, Ohio, New Jersey, Pennsylvania, Michigan, Texas, Massachusetts, and Florida; and two areas: Los Angeles-Long Beach metropolitan areas and New York City, are sufficiently reliable to be used directly from the CPS. For a description of the CPS concepts see "Household Data," above.

Monthly employment and unemployment estimates in the remaining 40 States and 214 labor market areas are prepared in several stages.

1. *Preliminary estimate—employment:* The total employment estimate is based primarily on data from the survey of establishments which produces an estimate of payroll employment. This place-of-work estimate must be adjusted to refer to place of residences as used in the CPS. Factors for adjusting from place of work to place of residence have been developed for the major categories of employment by class of worker and industry on the basis of employment relationships which existed at the time of the 1970 Decennial Census. These factors are applied to the payroll employment estimates for the current period to obtain adjusted employment estimates.

2. *Preliminary estimate—unemployment:* In the current month, the estimate of unemployment is an aggregate of the estimates for each of three building block categories: (1) Persons who were previously employed in industires covered by State unemployment insurance (UI) laws; (2) those previously employed in industires not covered by these laws; and (3) those who were entering the labor force for the first time or reentering after a period of separation. This is referred to below as the UI-based estimate.

An estimate for those previously employed in covered industries is derived from a count of current employment insurance claimants, plus estimates of claimants whose benefits have been exhausted, those persons disqualified from receiving benefits for nonmonetary reasons (because they quit, were discharged for cause, etc., but would otherwise have been eligible), and persons who either filed claims late or not at all.

The estimate of those previously employed in industries not covered by UI is derived by applying to the employment estimate for each noncovered industry or class of worker subgroup in the State, the ratio of covered unemployment to covered employment weighted by factors reflecting national historical relationships.

For the third category, new entrants and reentrants into the labor force, a composite estimate is developed from equations that relate the total entrants into the labor force to the experienced unemployed and

the experienced labor force. For each month, the estimate of entrants into the labor force is a function of: (a) the month of the year; (b) the level of experienced unemployed; (c) the level of the experienced labor force; and (d) proportion of the working age population that is considered "youth." The composite estimate of total entrants is defined as :

U = A (X + E) + BX, where
U = total entrant unemployment
E = total employment
X = total experienced unemployment
A,B = synthetic factors incoporating seasonal variation and an assumed relationship between the proportion of youths in the working population and the historical relationship of entrants to the experienced unemployed (B factor) or the experienced labor force (A factor).

3. *Correction factors for employment and unemployment* are then applied at the State level of the Ui-based estimates obtained above for each of the 40 States and the District of Columbia. These correction factors are based on the ratio of the CPS to the UI-based estimates for the 6 month period ending in the current month (e.g. a 6-month moving average).

4. *Substate adjustment for additivity.* Independent estimates of employment and unemployment are prepared both for the State (obtained directly from the CPS in the 10 large States or by the UI-based method in the remaining States), and labor market areas (LMA's) withing the State. The total of the geographic areas in the LMA's exhausts the geographic boundries of the State. A proportional adjustment is applied to all substate LMA estimates to ensure that the substate estimates of employment and unemployment add to the independent State totals. In California and New York, which also have substate areas taken directly from the CPS, the additivity adjustment for the remaining areas is applied to the State total minus the direct CPS area.

5. *Benchmark correction procedures.* Once each year monthly estimates prepared by the State employment security agencies using UI-based estimating procedures are adjusted, or benchmarked, by BLS to the annual average CPS estimates for the 40 States for which monthly CPS estimates are not available. This adjustment is necessary because the State-prepared estimates are not as reliable as the CPS annual averages due to differences in State UI laws, the structual limitations of the UI-based estimating method, and errors in the UI data.

The benchmarked estimates are produced in three stages. First, the monthly UI-based estimates are adjusted by the ratio of the CPS to the UI-based annual averages, Second, the difference between the ratio of annual averages for two consecutive years is wedged into the monthly estimates in order to minimize the distrubance to the original series. Finally, the third-stage estimates are forced into agreement with CPS annual averages. In the 10 States which use CPS estimates monthly, no benchmark correction is required, as the average of the 12 monthly State CPS estimates will equal CPS annual averages.

Seasonal Adjustment

Over the course of a year, the size of the Nation's labor force, the levels of employment and unemployment, and other measures of labor market activity undergo sharp fluctuations due to such seasonal events as changes in weather, reduced or expanded production, harvests, major holidays, and the opening and closing of schools. Because these seasonal events follow a more or less regular pattern each year, their influence on statistical trends can be eliminated by adjusting these statistics from month to month. These adjustments make it easier to observe the cyclical and other nonseasonal movements in the series. In evaluating changes in a seasonally adjusted series, it is important to note that seasonal adjustment is merely an approximation based on past experience. Seasonally adjusted estimates have a broader margin of possible error than the original data on which they are based, since they are subject not only to sampling and other errors but are also affected by the uncertainties of the seasonal adjustment process itself. Seasonally adjusted series for selected labor force and establishment data are published regularly in *Employment and Earnings*.

The seasonal adjustment program used for these series are based on an *adaptation* of the standard ratio-to-moving average method. They provide for "moving" adjustment factors to take account of changing seasonal patterns. A detailed description of the method is given in the publication, *The X-11 Variant of the Census Method II Seasonal Adjustment Program*, Technical Paper No. 15, Bureau of the Census (1967).

Beginning in January 1980, the BLS introduced two major modifications in the seasonal adjustment methodology for data from the household survey. First, the data are being seasonally adjusted with a new procedure called X-11 ARIMA, which was developed at Statistics Canada as an extension of the existing standard X-11 method. A detailed description of the procedure appears in *The X-11 ARIMA Seasonal Adjustment Method*, by Estela Bee Dagum, Statistics Canada Catalouge No. 12-564-E, February 1980. The X-11 procedure was originally developed at the Bureau of the Census and had been used by the BLS to seasonally adjust labor force series since 1973. Tests have shown that use of the X-11 ARIMA procedure, which essentially place more emphasis on recent data, provides better seasonal adjustments than does the X-11 method alone.

The second change is that seasonal factors are now being calculated for use during the first 6 months of the year rather than for the entire year. In July of each year, the BLS will calculate and publish (in *Employment and Earnings*) a new set of seasonal factors for use in the second half, based on the experience through June. Revisions of historical data for the most recent 5 years will continued to be made once a year, at the beginning of each calendar year. However, as a result of the revisions to the estimates for 1970-81 based on 1980 census population counts, revisions to seasonally adjusted series in early 1982 were carried back to 1970.

All civilian labor force and unemployment rate statistics, as well as the major employment and unemployment estimates, are computed by aggregating independently adjusted series. For example, for each of the three major labor force components—agricultural employment, nonagricultural employment, and unemployment—data for four sex-age groups (males and females under and over 20 years of age) are separately adjusted for seasonal variation and are then added to derive seasonally adjusted total figures. In order to provide seasonally adjusted total employment and civilian labor force estimates, the appropriate series are aggregated. The official unemployment rate for all civilian workers is derived by dividing the estimate for total unemployment (the sum of 4 seasonally adjusted sex-age components) by the civilian labor force (the sum of 12 seasonally adjusted sex-age components).

Revised seasonally adjusted data for selected labor force series based on the experience through December 1981, new seasonal adjustment factors to be used to calculate the overall unemployment rate for the first 6 months of 1982, and a description of the current seasonal adjustment methodology are published in the February 1982 issue of *Employment and Earnings*. Revised seasonally adjusted data covering the 1970-81 revision period for a broader range of labor force series also appear in the February 1982 issue of this publication. Many additional series, which are either components or aggregates of the series presented, are available from the BLS upon request.

Beginning in July 1980, the BLS also uses the X-11 ARIMA methodology in seasonally adjusting the establishment data, which previously had been computed using the *BLS Seasonal Factor Method*. All series are seasonally adjusted using the multiplicative models under X-11 ARIMA. Seasonal adjustment factors used in calculating the current estimates are based on data through March of 1982. The ARIMA model options for projecting the data series for 1 year ahead have been used in seasonally adjusting the establishment series, introduced with June 1981 data.

Seasonal adjustment factors are directly applied to the component levels. Seasonally adjusted totals for most of these series are then obtained by taking a weighted average of the seasonally adjusted data for the component series. Seasonally adjusted average weekly earnings are the product of seasonally adjusted average hourly earnings and seasonally adjusted average weekly hours. Average weekly earnings in constant dollars, seasonally adjusted, are obtained by dividing average weekly earnings, seasonally adjusted, by the seasonally adjusted Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W), and multiplying by 100. Indexes of aggregate weekly hours, seasonally adjusted, are obtained by multiplying average weekly hours, seasonally adjusted, by production or nonsupervisory workers, seasonally adjusted, and dividing by the 1977 base. For total private, total goods-producing, total private service-producing, trade, manufacturing, and durable and nondurable goods industries, the indexes of aggregate weekly hours, seasonally adjusted, are obtained by summing the aggregate weekly hours, seasonally adjusted, for the appropriate component industries and dividing by the 1977 base.

Seasonally adjusted data are not published for a number of series characterized by small seasonal components relative to their trend-cycle and/or irregular components. Beginning with data for July 1981, these failed or unsatisfactory seasonally adjusted series are used in the aggregation to broader level seasonally adjusted series. In prior months, the unadjusted series were used in the aggregation process.

The seasonally adjusted establishment data for Federal Government are based on a series which excludes the Christmas temporary help employed by the Postal Service in December. The employment of these workers constitutes the only significant seasonal change in Federal Government employment during the winter months. Furthermore, the volume of such employment may change substantially from year to year because of administrative decisions by the Postal Service. Hence, it was considered desirable to exclude this group from the data upon which the seasonally adjusted series is based.

The revised seasonally adjusted series for the establishment data reflect experience through March 1982. Seasonal factors to be used for current adjustment appear in the June 1982 issue of *Employment and Earnings*.

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Calendar of Features

Employment and Earnings

Vol. 29 No. 9 September 1982

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Employment and Unemployment Developments, August 1982

Unemployment held steady in August and the number of nonagricultural payroll jobs declined. The Nation's jobless rate was 9.8 percent, the same as in July but higher than the rate of 9.5 percent in May and June.

Total employment—as measured by the monthly survey of households—was about unchanged in August at 99.8 million. Nonfarm payroll employment—as measured by the monthly survey of establishments—dropped by 210,000, with continued reductions in manufacturing. Since the pre-recession peak of July 1981, the proportion of the population employed has fallen from 58.5 to 57.1 percent.

Unemployment

Unemployment declined about in line with seasonal expectations in August, and, after adjustment for seasonal movements, the number of unemployed workers remained at 10.8 million. The overall unemployment rate of 9.8 percent was also unchanged from the prior month at a level substantially above last year's pre-recession low of 7.2 percent. Most worker groups experienced little or no change in unemployment over the month. Overall rates for white (8.6 percent), black (18.8 percent), and Hispanic (14.6 percent) workers were near their July levels. Similarly, teenage unemployment was about unchanged at 24.0 percent, as were rates for adult men (8.9 percent) and women (8.2 percent). (See tables A-33 and A-35.)

The number of unemployed persons who lost their last job rose in August. Job losers accounted for 58 percent of the unemployed; they had comprised 50 percent in July 1981. (See table A-39.)

The average duration of unemployment rose in August to 16.2 weeks, while the median duration was about unchanged at 8.2 weeks. Joblessness of 15 weeks or more continued to account for a third of the jobless total. (See table A-37.)

Total employment and the labor force

Total employment in August was 99.8 million, little changed from the prior month, after adjustment for seasonality. Since the onset of the recession, total employment has dropped by 1 million. Adult men have accounted for the bulk of this decline, as employment of adult women actually rose. (See table A-33.)

The number of persons employed as operatives (semiskilled blue-collar workers) continued to decline in August; since July 1981, their total has dropped by 1.7 million. In contrast, there was an over-the-month increase in the number of service workers, an occupational group that has grown by 400,000 during the recession. (See table A-42.)

The overall labor force was about unchanged in August at 110.6 million. Over the past year, the labor force has risen by 1.8 million, with both adult men and women contributing to the increase. During the same period, the teenage labor force has declined by 410,000, due largely to the decreasing number of persons in this age group.

Industry payroll employment

Nonagricultural payroll employment declined by 210,000 in August to 89.5 million, its lowest level since April 1979. Over-the-month cutbacks were concentrated in the durable goods manufacturing industries, which lost 130,000 jobs, and in wholesale and retail trade, which was down by 80,000. (See table B-4.)

Among the durable goods industries, transportation equipment, which had shown some stability in recent months, declined by 50,000 in August. Sizeable job losses also occurred in the primary metals, fabricated metals, machinery, and electrical equipment industries. Within nondurable goods, an increase in apparel employment offset a decline of the same magnitude in July. Overall, manufacturing employment was down by 115,000, its thirteenth consecutive monthly decline. Elsewhere, in addition to the job loss in trade, employment was down in both mining and construction over the month, while rising slightly in finance, insurance, and real estate.

Hours of work

The average workweek of production or nonsupervisory workers on private nonagricultural payrolls was 34.9 hours in August, seasonally adjusted, about the level that has generally prevailed since last September. The factory workweek, however, declined 0.3 hour over the month to 39.0 hours, erasing the small gains which had occurred over the April-July period. Factory overtime was unchanged at 2.4 hours. (See table C-6.)

The index of aggregate weekly hours of production or nonsupervisory workers on private nonfarm payrolls declined 0.5 percent in August to 104.5 (1977 = 100). The manufacturing index was down 1.4 percent over the month to 87.0 and has fallen by nearly 12 percent over the year. (See table C-7.)

Hourly and weekly earnings

Average hourly and weekly earnings both rose 0.4 percent in August, after seasonal adjustment. Before adjustment for seasonality, average hourly earnings were up 2 cents to $7.69, 39 cents above the year-earlier level. Average weekly earnings, at $271.46, were up $1.48 over the month and $11.58 over the year. (See tables C-1 and C-8.)

The Hourly Earnings Index

The Hourly Earnings Index (HEI) was 149.7 (1977 = 100) in August, seasonally adjusted, 0.6 percent higher than in July. For the 12 months ended in August, the increase (before seasonal adjustment) was 6.5 percent. The HEI excludes the effects of two types of changes unrelated to underlying wage rate movements—fluctuations in overtime in manufacturing and interindustry employment shifts. In dollars of constant purchasing power, the HEI increased 0.7 percent during the 12-month period ended in July. (See table C-8.)

HOUSEHOLD DATA
HISTORICAL

A-1. Employment status of the noninstitutional population 16 years and over, 1947 to date

(Numbers in thousands)

Year and month	Total noninstitutional population	Total labor force		Civilian labor force						Not in labor force
					Employed			Unemployed		
		Number	Percent of population	Total	Total	Agriculture	Nonagricultural industries	Number	Percent of labor force	
	Annual averages									
1947	103,418	60,941	58.9	59,350	57,038	7,890	49,148	2,311	3.9	42,477
1948	104,527	62,080	59.4	60,621	58,343	7,629	50,714	2,276	3.8	42,447
1949	105,611	62,903	59.5	61,286	57,651	7,658	49,993	3,637	5.9	42,708
1950	106,645	63,858	59.9	62,208	58,918	7,160	51,758	3,288	5.3	42,787
1951	107,721	65,117	60.4	62,017	59,961	6,726	53,235	2,055	3.3	42,604
1952	108,823	65,730	60.4	62,138	60,250	6,500	53,749	1,883	3.0	43,093
1953[1]	110,601	66,560	60.2	63,015	61,179	6,260	54,919	1,834	2.9	44,041
1954	111,671	66,993	60.0	63,643	60,109	6,205	53,904	3,532	5.5	44,678
1955	112,732	68,072	60.4	65,023	62,170	6,450	55,722	2,852	4.4	44,660
1956	113,811	69,409	61.0	66,552	63,799	6,283	57,516	2,750	4.1	44,402
1957	115,065	69,729	60.6	66,929	64,071	5,947	58,123	2,859	4.3	45,336
1958	116,363	70,275	60.4	67,639	63,036	5,586	57,450	4,602	6.8	46,088
1959	117,881	70,921	60.2	68,369	64,630	5,565	59,065	3,740	5.5	46,960
1960[1]	119,759	72,142	60.2	69,628	65,778	5,458	60,318	3,852	5.5	47,617
1961	121,343	73,031	60.2	70,459	65,746	5,200	60,546	4,714	6.7	48,312
1962	122,981	73,442	59.7	70,614	66,702	4,944	61,759	3,911	5.5	49,539
1963	125,154	74,571	59.6	71,833	67,762	4,687	63,076	4,070	5.7	50,583
1964	127,224	75,830	59.6	73,091	69,305	4,523	64,782	3,786	5.2	51,394
1965	129,236	77,178	59.7	74,455	71,088	4,361	66,726	3,366	4.5	52,058
1966	131,180	78,893	60.1	75,770	72,895	3,979	68,915	2,875	3.8	52,288
1967	133,319	80,793	60.6	77,347	74,372	3,844	70,527	2,975	3.8	52,527
1968	135,562	82,272	60.7	78,737	75,920	3,817	72,103	2,817	3.6	53,291
1969	137,841	84,240	61.1	80,734	77,902	3,606	74,296	2,832	3.5	53,602
1970	140,272	85,959	61.3	82,771	78,678	3,463	75,215	4,093	4.9	54,315
1971	143,033	87,198	61.0	84,382	79,367	3,394	75,972	5,016	5.9	55,834
1972[1]	146,574	89,484	61.1	87,034	82,153	3,484	78,669	4,882	5.6	57,091
1973[1]	149,423	91,756	61.4	89,429	85,064	3,470	81,594	4,365	4.9	57,667
1974	152,349	94,179	61.8	91,949	86,794	3,515	83,279	5,156	5.6	58,171
1975	155,333	95,955	61.8	93,775	85,846	3,408	82,438	7,929	8.5	59,377
1976	158,294	98,302	62.1	96,158	88,752	3,331	85,421	7,406	7.7	59,991
1977	161,166	101,142	62.8	99,009	92,017	3,283	88,734	6,991	7.1	60,025
1978[2]	164,027	104,368	63.6	102,251	96,048	3,387	92,661	6,202	6.1	59,659
1979	166,951	107,050	64.1	104,962	98,824	3,347	95,477	6,137	5.8	59,900
1980	169,848	109,042	64.2	106,940	99,303	3,364	95,938	7,637	7.1	60,806
1981	172,272	110,812	64.3	108,670	100,397	3,368	97,030	8,273	7.6	61,460
	Monthly data, seasonally adjusted[3]									
1981:										
August	172,559	110,978	64.3	108,818	100,840	3,404	97,436	7,978	7.3	61,581
September	172,758	110,659	64.1	108,494	100,258	3,358	96,900	8,236	7.6	62,099
October	172,966	111,170	64.3	109,012	100,343	3,378	96,965	8,669	8.0	61,797
November	173,155	111,430	64.4	109,272	100,172	3,372	96,800	9,100	8.3	61,724
December	173,330	111,348	64.2	109,184	99,613	3,209	96,404	9,571	8.8	61,982
1982:										
January	173,495	111,038	64.0	108,879	99,581	3,411	96,170	9,298	8.5	62,456
February	173,657	111,333	64.1	109,165	99,590	3,373	96,217	9,575	8.8	62,324
March	173,843	111,521	64.2	109,346	99,492	3,349	96,144	9,854	9.0	62,321
April	174,020	111,824	64.3	109,648	99,340	3,309	96,032	10,307	9.4	62,197
May	174,201	112,841	64.8	110,666	100,117	3,488	96,629	10,549	9.5	61,360
June	174,384	112,364	64.4	110,191	99,764	3,357	96,406	10,427	9.5	61,999
July	174,564	112,702	64.6	110,522	99,732	3,460	96,272	10,790	9.8	61,862
August	174,707	112,840	64.6	110,644	99,839	3,435	96,404	10,805	9.8	61,867

[1] Not strictly comparable with prior years. For an explanation, see "Historic Comparability" under Household Data section of Explanatory Notes.

[3] Because seasonality, by definition, does not exist in population figures, data for "total noninstitutional population" are not seasonally adjusted.

A-2. Employment status of the noninstitutional population 16 years and over by sex, 1972 to date

(Numbers in thousands)

Sex, year, and month	Total noninstitutional population	Total labor force		Civilian labor force						Not in labor force
					Employed			Unemployed		
		Number	Percent of population	Total	Total	Agriculture	Nonagricultural industries	Number	Percent of labor force	
MALES	**Annual averages**									
1972[1]	70,241	55,961	79.7	53,555	50,896	2,849	48,047	2,659	5.0	14,280
1973[1]	71,567	56,900	79.5	54,624	52,349	2,847	49,502	2,275	4.2	14,667
1974	72,971	57,902	79.3	55,739	53,024	2,919	50,105	2,714	4.9	15,069
1975	74,383	58,390	78.5	56,299	51,857	2,824	49,032	4,442	7.9	15,993
1976	75,798	59,212	78.1	57,174	53,138	2,744	50,394	4,036	7.1	16,585
1977	77,211	60,414	78.2	58,396	54,728	2,671	52,057	3,667	6.3	16,797
1978[1]	78,569	61,613	78.4	59,620	56,479	2,718	53,761	3,142	5.3	16,956
1979	79,968	62,676	78.4	60,726	57,607	2,686	54,921	3,120	5.1	17,293
1980	81,341	63,396	77.9	61,453	57,186	2,739	54,477	4,267	6.9	17,945
1981	82,476	63,939	77.5	61,974	57,397	2,700	54,697	4,577	7.4	18,537
	Monthly data, seasonally adjusted[2]									
1981:										
August	82,613	63,916	77.4	61,936	57,551	2,738	54,813	4,385	7.1	18,697
September	82,707	63,960	77.3	61,977	57,471	2,687	54,784	4,506	7.3	18,747
October	82,807	64,040	77.3	62,064	57,266	2,715	54,551	4,798	7.7	18,767
November	82,895	64,158	77.4	62,184	57,051	2,668	54,383	5,133	8.3	18,737
December	82,978	64,283	77.5	62,303	56,725	2,590	54,135	5,578	9.0	18,696
1982:										
January	83,054	63,941	77.0	61,966	56,629	2,698	53,931	5,338	8.6	19,113
February	83,129	64,025	77.0	62,042	56,658	2,693	53,965	5,384	8.7	19,104
March	83,218	64,069	77.0	62,082	56,472	2,667	53,805	5,610	9.0	19,149
April	83,303	64,234	77.1	62,247	56,401	2,661	53,739	5,846	9.4	19,068
May	83,389	64,835	77.8	62,849	56,820	2,797	54,023	6,029	9.6	18,553
June	83,464	64,270	77.0	62,287	56,223	2,724	53,498	6,065	9.7	19,193
July	83,550	64,343	77.0	62,353	56,192	2,796	53,396	6,161	9.9	19,207
August	83,627	64,464	77.1	62,460	56,210	2,781	53,429	6,250	10.0	19,162
FEMALES	**Annual averages**									
1972[1]	76,333	33,522	43.9	33,479	31,257	635	30,622	2,222	6.6	42,811
1973[1]	77,855	34,855	44.8	34,804	32,715	622	32,093	2,089	6.0	43,000
1974	79,379	36,278	45.7	36,211	33,769	596	33,173	2,441	6.7	43,101
1975	80,949	37,565	46.4	37,475	33,989	584	33,404	3,486	9.3	43,386
1976	82,496	39,089	47.4	38,983	35,615	588	35,027	3,369	8.6	43,406
1977	83,955	40,728	48.5	40,613	37,289	612	36,677	3,324	8.2	43,227
1978[1]	85,459	42,755	50.0	42,631	39,569	669	38,900	3,061	7.2	42,703
1979	86,983	44,375	51.0	44,235	41,217	661	40,556	3,018	6.8	42,608
1980	88,507	45,646	51.6	45,487	42,117	656	41,461	3,370	7.4	42,861
1981	89,796	46,873	52.2	46,696	43,000	667	42,333	3,696	7.9	42,922
	Monthly data, seasonally adjusted[2]									
1981:										
August	89,946	47,062	52.3	46,882	43,289	666	42,623	3,593	7.7	42,884
September	90,051	46,699	51.9	46,517	42,787	671	42,116	3,730	8.0	43,352
October	90,159	47,129	52.3	46,948	43,077	663	42,414	3,871	8.2	43,030
November	90,259	47,272	52.4	47,088	43,121	704	42,417	3,967	8.4	42,987
December	90,352	47,066	52.1	46,881	42,888	619	42,269	3,993	8.5	43,286
1982:										
January	90,441	47,097	52.1	46,913	42,952	713	42,239	3,960	8.4	43,343
February	90,528	47,308	52.3	47,123	42,932	680	42,251	4,191	8.9	43,220
March	90,625	47,452	52.4	47,264	43,020	682	42,339	4,243	9.0	43,173
April	90,718	47,589	52.5	47,401	42,940	647	42,292	4,461	9.4	43,128
May	90,813	48,005	52.9	47,817	43,297	691	42,606	4,520	9.5	42,807
June	90,900	48,094	52.9	47,904	43,541	633	42,908	4,362	9.1	42,805
July	90,995	48,360	53.1	48,169	43,540	664	42,875	4,629	9.6	42,635
August	91,081	48,377	53.1	48,185	43,630	655	42,975	4,555	9.5	42,704

[1] Not strictly comparable with prior years. For an explanation, see "Historic Comparability" under Household Data section of Explanatory Notes.

[2] Because seasonality, by definition, does not exist in population figures, data for "total noninstitutional population" are not seasonally adjusted.

HOUSEHOLD DATA

A-3. Employment status of the noninstitutional population by sex, age, and race

[Numbers in thousands]

Sex, age, and race	August 1982										
	Total labor force		Civilian labor force				Not in labor force				
					Unemployed						
	Number	Percent of population	Total	Employed	Number	Percent of labor force	Total	Keeping house	Going to school	Unable to work	Other reasons
MALES											
16 years and over	65,589	78.4	63,584	57,644	5,941	9.3	18,038	420	891	1,567	15,161
16 to 21 years	9,195	73.9	8,569	6,943	1,626	19.0	3,250	44	461	38	2,707
16 to 19 years	5,439	67.2	5,191	4,127	1,063	20.5	2,657	39	295	17	2,307
16 to 17 years	2,165	55.6	2,155	1,697	459	21.3	1,731	26	133	7	1,564
18 to 19 years	3,273	77.9	3,035	2,431	605	19.9	926	13	161	9	743
20 to 64 years	58,359	89.6	56,603	51,796	4,807	8.5	6,779	173	596	1,131	4,879
20 to 24 years	9,716	89.1	8,938	7,593	1,346	15.1	1,190	9	325	58	798
25 to 54 years	41,473	94.2	40,497	37,430	3,066	7.6	2,534	119	269	586	1,559
25 to 29 years	9,714	94.9	9,322	8,255	1,067	11.4	527	30	144	69	283
30 to 34 years	8,798	95.3	8,532	7,876	656	7.7	439	26	77	78	258
35 to 39 years	7,364	96.1	7,170	6,638	531	7.4	332	14	21	69	198
40 to 44 years	5,798	94.9	5,710	5,402	308	5.4	313	18	11	97	188
45 to 49 years	4,983	93.0	4,954	4,708	246	5.0	375	10	10	115	240
50 to 54 years	4,816	89.3	4,808	4,549	259	5.4	578	22	5	159	392
55 to 64 years	7,170	70.1	7,168	6,774	395	5.5	3,056	45	2	486	2,521
55 to 59 years	4,428	82.2	4,426	4,181	245	5.5	960	22	1	222	716
60 to 64 years	2,742	56.7	2,742	2,592	150	5.5	2,095	23	1	265	1,806
65 years and over	1,791	17.2	1,791	1,720	70	3.9	8,632	207	--	419	7,975
65 to 69 years	1,033	26.3	1,033	995	38	3.6	2,888	49	--	123	2,719
70 years and over	758	11.7	758	725	33	4.3	5,743	158	--	300	5,255
White											
16 years and over	57,607	79.1	56,067	51,457	4,610	8.2	15,223	381	608	1,218	13,056
16 to 21 years	7,893	76.2	7,411	6,171	1,241	16.7	2,461	31	327	24	2,079
16 to 19 years	4,698	69.9	4,501	3,690	811	18.0	2,022	30	206	8	1,778
16 to 17 years	1,906	59.0	1,897	1,528	369	19.4	1,322	21	86	1	1,214
18 to 19 years	2,792	80.0	2,604	2,162	442	17.0	700	9	120	6	564
20 to 64 years	51,273	90.4	49,929	46,191	3,738	7.5	5,429	139	401	869	4,020
20 to 24 years	8,312	90.5	7,737	6,706	1,030	13.3	861	2	227	42	593
25 to 54 years	36,451	95.1	35,685	33,313	2,372	6.6	1,890	98	172	422	1,198
25 to 34 years	16,097	95.9	15,598	14,314	1,284	8.2	687	46	149	93	399
35 to 44 years	11,583	96.1	11,348	10,691	657	5.8	465	27	15	124	299
45 to 54 years	8,771	92.2	8,739	8,308	431	4.9	738	24	8	206	500
55 to 64 years	6,509	70.3	6,508	6,171	336	5.2	2,679	40	2	405	2,232
55 to 59 years	4,008	83.0	4,007	3,797	210	5.2	819	21	1	183	615
60 to 64 years	2,501	57.3	2,500	2,374	126	5.0	1,860	19	1	223	1,617
65 years and over	1,637	17.4	1,637	1,577	61	3.7	7,771	172	--	341	7,258
Black and other											
16 years and over	7,981	73.9	7,517	6,186	1,331	17.7	2,815	78	283	348	2,106
16 to 21 years	1,302	62.3	1,158	772	386	33.3	789	13	134	14	628
16 to 19 years	741	53.8	690	437	252	36.6	635	9	89	9	529
16 to 17 years	260	38.8	259	168	90	34.9	409	5	48	6	350
18 to 19 years	481	68.0	431	269	162	37.6	226	4	41	3	179
20 to 64 years	7,088	84.0	6,674	5,606	1,069	16.0	1,349	34	195	262	860
20 to 24 years	1,404	81.3	1,202	886	316	26.3	330	7	98	16	209
25 to 54 years	5,023	88.6	4,812	4,116	695	14.4	645	21	96	164	362
25 to 34 years	2,415	89.7	2,256	1,818	439	19.4	278	9	73	54	142
35 to 44 years	1,579	91.3	1,531	1,349	182	11.9	151	4	17	42	87
45 to 54 years	1,029	82.7	1,024	950	74	7.2	215	9	6	68	133
55 to 64 years	661	63.8	661	602	58	8.8	375	5	--	81	289
55 to 59 years	419	74.9	419	385	34	8.2	140	1	--	39	101
60 to 64 years	241	50.7	241	218	24	9.8	235	4	--	42	188
65 years and over	153	15.6	153	143	10	6.5	831	35	--	78	717

A-3. Employment status of the noninstitutional population by sex, age, and race—Continued

[Numbers in thousands]

Sex, age, and race	August 1982										
	Total labor force		Civilian labor force				Not in labor force				
					Unemployed						
	Number	Percent of population	Total	Employed	Number	Percent of labor force	Total	Keeping house	Going to school	Unable to work	Other reasons
FEMALES											
16 years and over	48,495	53.2	48,302	43,533	4,769	9.9	42,586	31,936	774	1,069	8,808
16 to 21 years	7,755	63.8	7,687	6,296	1,391	18.1	4,398	1,491	487	18	2,402
16 to 19 years	4,680	59.4	4,654	3,703	951	20.4	3,200	792	290	10	2,108
16 to 17 years	1,832	48.5	1,832	1,443	389	21.2	1,947	316	121	6	1,504
18 to 19 years	2,848	69.5	2,822	2,260	562	19.9	1,252	476	168	4	605
20 to 64 years	42,653	62.6	42,486	38,710	3,777	8.9	25,488	21,167	483	475	3,363
20 to 24 years	7,850	72.7	7,757	6,684	1,073	13.8	2,949	2,332	249	20	648
25 to 54 years	29,940	65.6	29,866	27,403	2,464	8.3	15,695	13,559	227	238	1,672
25 to 29 years	7,162	69.1	7,113	6,370	744	10.5	3,209	2,755	93	34	327
30 to 34 years	6,248	66.2	6,231	5,639	592	9.5	3,191	2,790	66	31	304
35 to 39 years	5,221	66.0	5,216	4,814	402	7.7	2,694	2,341	32	32	289
40 to 44 years	4,307	67.5	4,305	4,003	302	7.0	2,076	1,802	16	31	226
45 to 49 years	3,615	63.7	3,614	3,412	203	5.6	2,061	1,767	12	47	234
50 to 54 years	3,387	57.9	3,387	3,165	222	6.5	2,465	2,104	8	62	291
55 to 64 years	4,863	41.5	4,863	4,623	240	4.9	6,844	5,576	7	217	1,044
55 to 59 years	3,003	49.6	3,003	2,852	151	5.0	3,051	2,574	6	104	366
60 to 64 years	1,860	32.9	1,863	1,771	89	4.8	3,793	3,002	1	112	678
65 years and over	1,162	7.7	1,162	1,121	41	3.5	13,898	9,977	1	584	3,336
65 to 69 years	708	14.4	708	681	28	3.9	4,197	3,163	--	99	936
70 years and over	453	4.5	453	440	13	2.9	9,701	6,814	2	485	2,399
White											
16 years and over	41,430	52.9	41,294	37,732	3,562	8.6	36,953	28,200	508	827	7,417
16 to 21 years	6,721	66.7	6,674	5,668	1,006	15.1	3,359	1,141	297	10	1,911
16 to 19 years	4,070	62.6	4,052	3,364	688	17.0	2,434	586	184	5	1,658
16 to 17 years	1,607	51.8	1,607	1,300	307	19.1	1,495	228	78	2	1,188
18 to 19 years	2,463	72.4	2,446	2,064	381	15.6	939	359	107	3	470
20 to 64 years	36,320	62.3	36,202	33,362	2,840	7.8	21,958	18,491	323	349	2,796
20 to 24 years	6,715	74.4	6,650	5,875	775	11.7	2,305	1,654	166	14	472
25 to 54 years	25,325	65.2	25,271	23,414	1,857	7.3	13,510	11,761	154	173	1,424
25 to 34 years	11,215	67.9	11,168	10,204	963	8.6	5,425	4,748	107	48	521
35 to 44 years	8,044	66.0	8,039	7,500	539	6.7	4,146	3,620	29	47	450
45 to 54 years	6,065	60.6	6,065	5,710	355	5.9	3,940	3,193	18	77	453
55 to 64 years	4,281	41.1	4,281	4,074	207	4.8	6,142	5,077	3	161	901
55 to 59 years	2,637	49.2	2,637	2,503	134	5.1	2,720	2,323	2	78	316
60 to 64 years	1,644	32.5	1,644	1,571	73	4.5	3,422	2,753	1	83	585
65 years and over	1,039	7.5	1,039	1,005	34	3.3	12,561	9,123	1	473	2,964
Black and other											
16 years and over	7,065	55.5	7,009	5,802	1,207	17.2	5,633	3,736	266	242	1,390
16 to 21 years	1,034	49.9	1,014	628	386	38.0	1,040	350	150	9	531
16 to 19 years	610	46.3	602	339	263	43.7	766	205	105	5	450
16 to 17 years	226	33.3	225	143	83	36.6	452	88	44	4	316
18 to 19 years	384	55.1	377	196	181	48.0	313	117	61	1	134
20 to 64 years	6,332	64.2	6,284	5,347	937	14.9	3,531	2,677	160	126	568
20 to 24 years	1,135	63.8	1,107	809	298	26.9	644	379	83	6	176
25 to 54 years	4,615	67.9	4,595	3,989	606	13.2	2,185	1,798	73	65	248
25 to 34 years	2,195	69.2	2,176	1,804	373	17.1	976	797	52	16	111
35 to 44 years	1,483	70.4	1,482	1,318	164	11.1	623	524	18	16	65
45 to 54 years	937	61.5	937	867	69	7.4	585	478	3	33	72
55 to 64 years	582	45.3	582	549	32	5.6	702	499	4	55	144
55 to 59 years	366	52.5	366	349	17	4.6	331	251	4	26	50
60 to 64 years	216	36.8	216	200	15	7.1	371	249	--	29	93
65 years and over	123	8.4	123	116	7	5.7	1,337	854	--	111	372

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A-4. Labor force by sex, age, and race

Sex, age, and race	Total labor force				Civilian labor force			
	Thousands of persons		Participation rates		Thousands of persons		Participation rates	
	Aug. 1981	Aug. 1982	Aug. 1981	Aug. 1982	Aug. 1981	Aug. 1982	Aug. 1981	Aug. 1982
MALES								
16 years and over	65,158	65,589	78.9	78.4	63,178	63,584	78.4	77.9
16 to 19 years	5,743	5,439	68.8	67.2	5,472	5,191	67.8	66.1
16 to 17 years	2,378	2,165	58.1	55.6	2,365	2,155	58.0	55.5
18 to 19 years	3,365	3,273	79.1	77.9	3,107	3,035	77.8	76.6
20 to 24 years	9,809	9,716	90.1	89.1	9,049	8,938	89.4	88.2
25 to 54 years	40,606	41,473	94.4	94.2	39,658	40,497	94.2	94.1
25 to 34 years	18,227	18,512	95.2	95.0	17,587	17,854	95.1	94.9
35 to 44 years	12,477	13,162	95.5	95.5	12,205	12,880	95.4	95.4
45 to 54 years	9,902	9,799	91.5	91.1	9,866	9,762	91.5	91.1
55 to 64 years	7,139	7,170	70.2	70.1	7,137	7,168	70.2	70.1
55 to 59 years	4,384	4,428	80.8	82.2	4,383	4,426	80.8	82.2
60 to 64 years	2,755	2,742	58.1	56.7	2,755	2,742	58.1	56.7
65 years and over	1,862	1,791	18.3	17.2	1,862	1,791	18.3	17.2
White								
16 years and over	57,438	57,607	79.6	79.1	55,911	56,067	79.2	78.6
16 to 19 years	5,001	4,698	71.9	69.9	4,790	4,501	71.0	69.0
16 to 17 years	2,083	1,906	61.1	59.0	2,072	1,897	61.0	58.9
18 to 19 years	2,917	2,792	82.2	80.0	2,718	2,604	81.1	78.8
20 to 24 years	8,417	8,312	91.3	90.6	7,856	7,737	90.7	90.0
25 to 54 years	35,830	36,451	95.3	95.1	35,076	35,685	95.2	95.0
25 to 34 years	15,940	16,097	96.2	95.9	15,445	15,598	96.1	95.8
35 to 44 years	11,006	11,583	96.3	96.1	10,779	11,348	96.2	96.1
45 to 54 years	8,884	8,771	92.6	92.2	8,852	8,739	92.6	92.2
55 to 64 years	6,485	6,509	70.9	70.8	6,483	6,508	70.9	70.8
55 to 59 years	3,982	4,008	82.0	83.0	3,981	4,007	82.0	83.0
60 to 64 years	2,502	2,501	58.4	57.3	2,502	2,500	58.4	57.3
65 years and over	1,706	1,637	18.5	17.4	1,706	1,637	18.5	17.4
Black and other								
16 years and over	7,720	7,981	73.8	73.9	7,267	7,517	72.6	72.8
16 to 19 years	742	741	53.5	53.8	682	690	51.4	52.1
16 to 17 years	295	260	43.0	38.8	293	259	42.9	38.7
18 to 19 years	448	481	63.7	68.0	389	431	60.4	65.6
20 to 24 years	1,391	1,404	83.6	81.0	1,193	1,202	81.4	78.5
25 to 54 years	4,776	5,023	87.9	88.6	4,582	4,812	87.4	88.2
25 to 34 years	2,286	2,415	89.0	89.7	2,142	2,256	88.3	89.0
35 to 44 years	1,471	1,579	89.9	91.3	1,426	1,531	89.6	91.0
45 to 54 years	1,018	1,029	82.9	82.7	1,014	1,024	82.9	82.6
55 to 64 years	654	661	64.2	63.8	654	661	64.2	63.8
55 to 59 years	402	419	71.0	74.9	402	419	71.0	74.9
60 to 64 years	252	241	55.6	50.7	252	241	55.6	50.7
65 years and over	156	153	16.3	15.6	156	153	16.3	15.6

A-4. Labor force by sex, age, and race—Continued

Sex, age, and race	Total labor force				Civilian labor force			
	Thousands of persons		Participation rates		Thousands of persons		Participation rates	
	Aug. 1981	Aug. 1982	Aug. 1981	Aug. 1982	Aug. 1981	Aug. 1982	Aug. 1981	Aug. 1982
FEMALES								
16 years and over	47,101	48,495	52.4	53.2	46,921	48,302	52.3	53.1
16 to 19 years	4,812	4,680	59.2	59.4	4,783	4,654	59.1	59.3
16 to 17 years	1,994	1,832	50.2	48.5	1,993	1,832	50.2	48.5
18 to 19 years	2,818	2,848	67.9	69.5	2,790	2,822	67.6	69.3
20 to 24 years	7,797	7,850	72.2	72.7	7,710	7,757	71.9	72.5
25 to 54 years	28,613	29,940	64.0	65.6	28,549	29,866	64.0	65.6
25 to 34 years	12,832	13,410	65.9	67.7	12,774	13,344	65.8	67.6
35 to 44 years	8,858	9,528	65.2	66.6	8,853	9,521	65.2	66.6
45 to 54 years	6,924	7,002	59.6	60.7	6,923	7,001	59.6	60.7
55 to 64 years	4,734	4,863	40.7	41.5	4,734	4,863	40.7	41.5
55 to 59 years	3,029	3,003	49.7	49.6	3,029	3,003	49.7	49.6
60 to 64 years	1,706	1,860	30.9	32.9	1,706	1,860	30.9	32.9
65 years and over	1,144	1,162	7.8	7.7	1,144	1,162	7.8	7.7
White								
16 years and over	40,406	41,430	52.0	52.9	40,276	41,294	52.0	52.8
16 to 19 years	4,272	4,070	63.4	62.6	4,252	4,052	63.3	62.5
16 to 17 years	1,764	1,607	53.8	51.8	1,764	1,607	53.8	51.8
18 to 19 years	2,508	2,463	72.5	72.4	2,488	2,446	72.4	72.3
20 to 24 years	6,665	6,715	73.8	74.4	6,603	6,650	73.6	74.3
25 to 54 years	24,279	25,325	63.5	65.2	24,231	25,271	63.5	65.2
25 to 34 years	10,721	11,215	65.2	67.4	10,679	11,168	65.1	67.3
35 to 44 years	7,548	8,044	64.7	66.0	7,544	8,039	64.7	66.0
45 to 54 years	6,010	6,065	59.5	60.6	6,009	6,065	59.5	60.6
55 to 64 years	4,178	4,281	40.3	41.1	4,178	4,281	40.3	41.1
55 to 59 years	2,684	2,637	49.7	49.2	2,684	2,637	49.7	49.2
60 to 64 years	1,494	1,644	30.1	32.5	1,494	1,644	30.1	32.5
65 years and over	1,012	1,039	7.6	7.6	1,012	1,039	7.6	7.6
Black and other								
16 years and over	6,695	7,065	54.5	55.6	6,645	7,009	54.3	55.4
16 to 19 years	540	610	38.9	44.3	531	602	38.5	44.0
16 to 17 years	229	226	33.1	33.3	229	225	33.1	33.3
18 to 19 years	311	384	44.7	55.1	302	377	44.0	54.6
20 to 24 years	1,132	1,135	63.8	63.8	1,107	1,107	63.3	63.2
25 to 54 years	4,334	4,615	67.0	67.9	4,318	4,595	66.9	67.8
25 to 34 years	2,111	2,195	69.5	69.2	2,095	2,176	69.4	69.0
35 to 44 years	1,310	1,483	68.2	70.4	1,309	1,482	68.2	70.4
45 to 54 years	914	937	60.4	61.5	914	937	60.4	61.5
55 to 64 years	557	582	44.2	45.3	556	582	44.2	45.3
55 to 59 years	345	366	49.8	52.5	345	366	49.8	52.5
60 to 64 years	212	216	37.3	36.8	212	216	37.3	36.8
65 years and over	132	123	9.4	8.4	132	123	9.4	8.4

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A-5. Employment status of black workers by sex and age

[Numbers in thousands]

Sex and age	August 1982						
	Civilian labor force						Not in labor force
	Total	Employed			Unemployed		
		Total	Agriculture	Nonagricultural industries	Number	Percent of labor force	
TOTAL							
16 years and over	11,639	9,441	189	9,252	2,197	18.9	6,988
16 to 19 years	1,046	594	24	570	452	43.2	1,199
16 to 17 years	386	240	12	228	146	37.9	725
18 to 19 years	660	354	11	342	306	46.3	475
20 to 24 years	1,911	1,358	30	1,328	553	28.9	792
25 to 54 years	7,424	6,322	94	6,229	1,102	14.8	2,198
25 to 34 years	3,509	2,815	26	2,789	694	19.8	943
35 to 44 years	2,326	2,033	30	2,003	292	12.6	580
45 to 54 years	1,590	1,473	38	1,436	116	7.3	675
55 to 64 years	1,027	949	24	925	78	7.6	909
55 to 59 years	643	596	17	579	47	7.3	397
60 to 64 years	384	353	8	345	32	8.3	512
65 years and over	231	219	18	201	12	5.2	1,890
Males							
16 years and over	5,931	4,796	163	4,633	1,134	19.1	2,371
16 to 19 years	548	325	21	304	223	40.7	546
16 to 17 years	205	127	12	115	78	38.0	347
18 to 19 years	343	198	8	189	145	42.3	201
20 to 24 years	978	704	27	677	274	28.0	250
25 to 54 years	3,753	3,172	76	3,098	581	15.5	530
25 to 34 years	1,775	1,409	22	1,387	366	20.6	214
35 to 44 years	1,167	1,008	21	986	158	13.5	124
45 to 54 years	811	755	32	724	56	6.9	192
55 to 64 years	532	481	24	456	51	9.6	316
55 to 59 years	337	305	17	287	32	9.5	120
60 to 64 years	195	176	8	168	20	10.3	196
65 years and over	121	115	17	98	6	5.0	728
Females							
16 years and over	5,708	4,645	26	4,619	1,063	18.6	4,617
16 to 19 years	498	269	3	266	229	46.0	653
18 to 17 years	181	113	--	113	68	37.5	378
18 to 19 years	317	156	3	153	161	50.8	274
20 to 24 years	933	654	3	651	279	29.9	542
25 to 54 years	3,671	3,150	18	3,131	521	14.2	1,668
25 to 34 years	1,734	1,406	4	1,402	328	18.9	729
35 to 44 years	1,159	1,025	9	1,017	134	11.5	456
45 to 54 years	779	718	6	712	60	7.8	483
55 to 64 years	495	468	--	469	27	5.4	593
55 to 59 years	306	291	--	292	15	4.8	277
60 to 64 years	189	177	--	177	12	6.5	316
65 years and over	110	104	1	103	6	5.5	1,162

A-6. Employment status of the noninstitutional population by race, sex, and age

(Numbers in thousands)

Employment status and race	Total		Males, 20 years and over		Females, 20 years and over		Both sexes, 16-19 years	
	Aug. 1981	Aug. 1982	Aug. 1981	Aug. 1982	Aug. 1981	Aug. 1982	Aug. 1981	Aug. 1982
TOTAL								
Total noninstitutional population	172,559	174,707	74,268	75,531	81,822	83,201	16,469	15,976
Total labor force	112,259	114,083	59,415	60,150	42,289	43,815	10,555	10,119
Percent of population	65.1	65.3	80.0	79.6	51.7	52.7	64.1	63.3
Civilian labor force	110,099	111,887	57,706	58,394	42,137	43,648	10,255	9,845
Employed	102,152	101,177	54,416	53,536	39,162	39,831	8,574	7,830
Agriculture	3,864	3,916	2,589	2,611	717	688	557	617
Nonagricultural industries	98,288	97,262	51,827	50,905	38,445	39,143	8,016	7,213
Unemployed	7,947	10,710	3,290	4,877	2,975	3,818	1,682	2,015
Percent of labor force	7.2	9.6	5.7	8.4	7.1	8.7	16.4	20.5
Not in labor force	60,300	60,624	14,853	15,381	39,533	39,386	5,913	5,857
White								
Total noninstitutional population	149,802	151,213	65,195	66,110	70,915	71,878	13,692	13,224
Total labor force	97,844	99,037	52,438	52,910	36,134	37,359	9,273	8,768
Percent of population	65.3	65.5	80.4	80.3	51.0	52.0	67.7	66.3
Civilian labor force	96,187	97,361	51,122	51,566	36,024	37,241	9,041	8,553
Employed	90,279	89,189	48,625	47,769	33,863	34,367	7,791	7,054
Agriculture	3,636	3,637	2,416	2,407	573	645	521	584
Nonagricultural industries	86,673	85,552	46,210	45,361	33,193	33,722	7,270	6,469
Unemployed	5,908	8,172	2,496	3,793	2,161	2,874	1,251	1,499
Percent of labor force	6.1	8.4	4.9	7.4	6.0	7.7	13.8	17.5
Not in labor force	51,958	52,175	12,757	13,200	34,781	34,519	4,419	4,456
Black and other								
Total noninstitutional population	22,757	23,495	9,073	9,421	10,907	11,323	2,776	2,751
Total labor force	14,415	15,046	6,978	7,241	6,155	6,455	1,282	1,350
Percent of population	63.3	64.0	76.9	76.9	56.4	57.0	46.2	49.1
Civilian labor force	13,913	14,526	6,585	6,827	6,114	6,407	1,214	1,292
Employed	11,873	11,988	5,790	5,749	5,300	5,463	783	776
Agriculture	257	279	173	204	48	42	37	32
Nonagricultural industries	11,616	11,709	5,618	5,544	5,252	5,421	746	744
Unemployed	2,040	2,538	794	1,079	814	944	431	516
Percent of labor force	14.7	17.5	12.1	15.8	13.3	14.7	35.5	39.9
Not in labor force	8,342	8,449	2,096	2,180	4,752	4,868	1,494	1,401

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A-7. Employment status of the noninstitutional population 16 to 21 years of age by major activity, sex, and race

(Numbers in thousands)

Employment status and major activity	August 1982								
	Total			White			Black and other		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
TOTAL									
Total noninstitutional population	24,599	12,446	12,153	20,434	10,354	10,080	4,165	2,091	2,074
Total labor force	16,950	9,195	7,755	14,614	7,893	6,721	2,336	1,302	1,034
Percent of population	68.9	73.9	63.8	71.5	76.2	66.7	56.1	62.3	49.9
Civilian labor force	16,256	8,569	7,687	14,085	7,411	6,674	2,171	1,158	1,014
Employed	13,239	6,943	6,296	11,839	6,171	5,668	1,400	772	628
Agriculture	858	700	158	808	657	152	50	44	6
Nonagricultural industries	12,380	6,242	6,138	11,030	5,514	5,516	1,350	728	622
Unemployed	3,017	1,626	1,391	2,246	1,241	1,006	771	386	386
Looking for full-time work	2,175	1,218	957	1,586	902	684	589	316	272
Looking for part-time work	843	408	435	660	339	321	183	69	113
Percent of labor force	18.6	19.0	18.1	15.9	16.7	15.1	35.5	33.3	38.0
Not in labor force	7,649	3,250	4,398	5,820	2,461	3,359	1,829	789	1,040
Major activity: going to school									
Civilian labor force	191	86	106	154	86	78	27	--	28
Employed	111	51	60	100	53	47	10	--	12
Agriculture	6	6	--	7	7	--	--	--	--
Nonagricultural industries	104	45	59	93	47	47	11	--	13
Unemployed	81	35	46	54	33	31	17	2	15
Looking for full-time work	21	8	12	14	9	5	7	--	7
Looking for part-time work	60	26	34	39	24	26	10	2	8
Percent of labor force	42.2	40.4	43.7	38.9	38.2	39.7	(1)	--	(1)
Not in labor force	908	461	447	623	327	297	284	134	150
Major activity: other									
Civilian labor force	16,065	8,483	7,581	13,921	7,325	6,595	2,144	1,158	986
Employed	13,128	6,891	6,236	11,738	6,117	5,621	1,390	774	616
Agriculture	852	694	157	802	650	151	50	44	5
Nonagricultural industries	12,276	6,197	6,079	10,937	5,467	5,470	1,339	730	609
Unemployed	2,937	1,592	1,345	2,182	1,208	974	754	384	371
Looking for full-time work	2,154	1,209	944	1,572	893	679	581	316	265
Looking for part-time work	783	382	401	610	315	295	173	68	106
Percent of labor force	18.3	18.8	17.7	15.7	16.5	14.8	35.2	33.2	37.6
Not in labor force	6,741	2,789	3,951	5,197	2,135	3,062	1,549	655	894

(1) Percent not shown where base is less than 75,000

A-8. Full- and part-time status of the civilian labor force by sex, age, and race

[Numbers in thousands]

Sex, age, and race	August 1982								
	Full-time labor force					Part-time labor force			
	Total	Employed		Unemployed (looking for full-time work)		Total	Employed on voluntary part time[1]	Unemployed (looking for part-time work)	
		Full-time schedules[1]	Part time for economic reasons	Number	Percent of full-time labor force			Number	Percent of part-time labor force
TOTAL									
Both sexes, 16 years and over	97,960	81,956	6,862	9,142	9.3	13,927	12,359	1,568	11.3
16 to 21 years	12,265	7,717	2,373	2,175	17.7	3,992	3,149	843	21.1
16 to 19 years	6,697	3,720	1,710	1,267	18.9	3,148	2,400	748	23.8
16 to 17 years	2,059	963	761	335	16.3	1,929	1,415	513	26.6
18 to 19 years	4,638	2,757	949	932	20.1	1,219	985	235	19.2
20 years and over	91,263	78,236	5,152	7,875	8.6	10,778	9,959	820	7.6
20 to 24 years	14,908	11,313	1,397	2,198	14.7	1,787	1,566	221	12.4
25 years and over	76,354	66,923	3,754	5,677	7.4	8,992	8,392	599	6.7
25 to 54 years	64,271	56,087	3,117	5,067	7.9	6,092	5,628	463	7.6
55 years and over	12,083	10,836	637	610	5.0	2,900	2,764	136	4.7
Males, 16 years and over	59,424	50,601	3,501	5,322	9.0	6,160	5,592	618	10.9
16 to 21 years	6,737	4,298	1,221	1,218	18.1	1,832	1,423	408	22.3
16 to 19 years	3,702	2,133	876	691	18.7	1,489	1,117	372	25.0
20 years and over	55,723	48,469	2,623	4,631	8.3	2,671	2,425	246	9.2
20 to 24 years	8,302	6,289	740	1,272	15.3	636	563	73	11.5
25 years and over	47,421	42,179	1,883	3,359	7.1	2,034	1,862	173	8.5
25 to 54 years	39,623	35,117	1,538	2,968	7.5	874	775	98	11.2
55 years and over	7,798	7,063	345	391	5.0	1,161	1,087	75	6.5
Females, 16 years and over	38,535	31,355	3,361	3,819	9.9	9,767	8,817	950	9.7
16 to 21 years	5,527	3,419	1,152	957	17.3	2,160	1,725	435	20.1
16 to 19 years	2,996	1,587	833	576	19.2	1,659	1,283	376	22.6
20 years and over	35,540	29,768	2,529	3,243	9.1	8,108	7,534	574	7.1
20 to 24 years	6,607	5,024	657	926	14.0	1,151	1,003	147	12.8
25 years and over	28,933	24,744	1,872	2,318	8.0	6,958	6,532	427	6.1
25 to 54 years	24,649	20,970	1,580	2,099	8.5	5,219	4,854	365	7.0
55 years and over	4,285	3,774	292	219	5.1	1,739	1,678	62	3.6
White									
Males, 16 years and over	52,419	45,370	2,940	4,119	7.9	5,648	5,157	491	13.5
16 to 21 years	5,796	3,875	1,019	902	15.6	1,615	1,276	339	21.0
16 to 19 years	3,190	1,941	744	505	15.8	1,310	1,004	306	23.4
20 years and over	49,229	43,429	2,186	3,614	7.3	2,338	2,153	185	7.9
20 to 24 years	7,177	5,606	598	974	13.6	560	504	56	10.0
25 years and over	42,051	37,823	1,589	2,639	6.3	1,778	1,649	129	7.3
25 to 54 years	34,951	31,349	1,295	2,306	6.6	734	669	65	8.9
55 years and over	7,101	6,474	294	333	4.7	1,044	980	64	6.1
Females, 16 years and over	32,400	26,832	2,304	2,803	8.7	8,894	8,135	759	8.5
16 to 21 years	4,755	3,042	1,029	684	14.4	1,918	1,597	321	16.8
16 to 19 years	2,594	1,437	745	413	15.9	1,458	1,183	276	18.9
20 years and over	29,806	25,395	2,020	2,381	8.0	7,436	6,952	483	6.5
20 to 24 years	5,620	4,409	353	657	11.7	1,030	912	118	11.5
25 years and over	24,186	20,986	1,666	1,724	7.2	6,405	6,041	365	5.7
25 to 54 years	20,428	17,647	1,289	1,542	7.5	4,843	4,528	315	6.5
55 years and over	3,758	3,339	227	192	5.1	1,562	1,513	49	3.1
Black and other									
Males, 16 years and over	7,005	5,231	571	1,204	17.2	512	385	127	24.8
16 to 21 years	941	423	202	316	33.6	217	147	69	32.0
16 to 19 years	511	191	133	186	36.5	179	113	66	36.9
20 years and over	6,494	5,039	437	1,017	15.7	333	272	61	18.3
20 to 24 years	1,125	683	144	298	26.5	76	59	17	22.8
25 years and over	5,368	4,356	293	719	13.4	256	213	43	16.8
25 to 54 years	4,672	3,767	244	661	14.1	139	106	33	23.7
55 years and over	696	590	50	57	8.2	117	107	10	8.5
Females, 16 years and over	6,136	4,523	597	1,016	16.6	873	682	191	21.9
16 to 21 years	772	377	123	272	35.3	241	128	113	46.9
16 to 19 years	402	150	88	163	40.7	200	100	100	49.9
20 years and over	5,734	4,372	509	853	14.9	673	582	91	13.5
20 to 24 years	987	615	103	269	27.2	120	91	29	24.5
25 years and over	4,746	3,757	405	583	12.3	553	491	62	11.2
25 to 54 years	4,220	3,322	340	557	13.2	376	326	50	13.3
55 years and over	527	435	65	27	5.1	178	165	13	7.3

1. Employed persons with a job but not at work are distributed proportionately among the full- and part-time employed categories.

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A-9. Employment status of the noninstitutional population by family relationship

[Numbers in thousands]

Family relationship	August 1982									
	Civilian labor force					Not in labor force				
	Total	Percent of population	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
				Number	Percent of labor force					
Total, 16 years and over	111,887	64.9	101,177	10,710	9.6	60,624	32,356	1,664	2,635	23,969
Husbands	39,970	80.1	37,551	2,419	6.1	9,953	159	127	890	8,777
With employed wife	21,507	92.1	20,339	1,168	5.4	1,857	56	63	300	1,439
With unemployed wife	1,793	93.3	1,469	325	18.1	129	11	4	14	99
With wife not in labor force	16,670	67.7	15,744	926	5.6	7,967	92	60	576	7,239
Wives	25,286	50.7	23,364	1,922	7.6	24,637	21,447	131	287	2,772
With employed husband	21,807	58.1	20,339	1,469	6.7	15,744	14,149	97	99	1,399
With unemployed husband	1,493	61.7	1,168	325	21.7	926	872	14	5	34
With husband not in labor force	1,986	20.0	1,857	129	6.5	7,967	6,427	19	182	1,339
Relatives in married-couple families	15,483	69.2	12,917	2,567	16.6	6,900	1,070	763	284	4,782
16 to 19 years	6,806	63.7	5,566	1,240	18.2	3,885	319	373	17	3,176
20 to 24 years	5,852	81.8	4,941	911	15.6	1,298	163	335	35	765
25 years and over	2,822	62.2	2,410	416	14.7	1,717	588	55	232	841
Females who maintain families	5,846	60.8	5,143	703	12.0	3,766	2,945	66	139	615
Relatives in families maintained by females	5,176	61.0	3,957	1,219	23.6	3,308	914	247	255	1,892
16 to 19 years	1,617	55.8	1,133	483	29.9	1,281	179	148	7	946
20 to 24 years	1,610	76.4	1,205	405	25.2	497	134	68	22	273
25 years and over	1,949	56.0	1,619	331	17.0	1,530	601	31	226	673
Males who maintain families	1,755	74.8	1,617	139	7.9	591	24	20	76	470
Relatives in families maintained by males	1,442	60.2	1,171	270	18.8	954	399	63	66	426
16 to 19 years	321	59.4	206	115	35.7	219	25	26	-	169
20 to 24 years	480	77.4	372	88	19.1	134	45	28	2	59
25 years and over	661	52.4	593	67	10.1	601	329	9	64	198
Persons living alone	10,342	53.6	9,635	707	6.8	8,963	4,864	106	521	3,473
Males	5,456	71.9	4,996	459	8.4	2,137	132	57	233	1,715
Females	4,886	41.7	4,639	247	5.1	6,826	4,731	49	288	1,758
All others[1]	6,587	80.9	5,822	764	11.6	1,552	334	141	112	964

[1] The majority of these persons are living with nonrelatives. Also included are persons in married couple families where the husband is in the Armed Forces, persons in secondary families, and some whose family status is unknown.

A-10. Unemployed persons by marital status, race, age, and sex

Marital status, race, and age	Males				Females			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	Aug. 1981	Aug. 1982	Aug. 1981	Aug. 1982	Aug. 1981	Aug. 1982	Aug. 1981	Aug. 1982
Total, 16 years and over	4,173	5,991	6.6	9.3	3,774	4,769	8.0	9.9
Married, spouse present	1,531	2,567	3.8	6.3	1,517	2,021	6.1	7.9
Widowed, divorced, or separated	480	609	8.7	11.0	788	916	8.7	9.9
Single (never married)	2,161	2,764	12.7	16.2	1,469	1,830	11.3	13.7
White, 16 years and over	3,137	4,610	5.9	8.2	2,771	3,562	6.9	8.6
Married, spouse present	1,251	2,135	3.4	5.8	1,288	1,729	5.8	7.6
Widowed, divorced, or separated	342	461	7.6	10.1	537	669	7.4	8.9
Single (never married)	1,544	2,013	10.7	13.9	946	1,164	8.7	10.5
Black and other, 16 years and over	1,036	1,381	14.3	17.7	1,003	1,207	15.1	17.2
Married, spouse present	280	432	7.5	10.9	229	292	8.6	10.2
Widowed, divorced, or separated	138	148	14.3	15.3	251	249	13.9	13.8
Single (never married)	618	751	24.3	29.3	523	665	20.1	28.5
Total, 20 to 64 years of age	3,248	4,807	5.8	8.5	2,933	3,777	7.2	8.9
Married, spouse present	1,486	2,502	3.9	6.4	1,447	1,932	6.0	7.8
Widowed, divorced, or separated	472	590	9.0	11.2	737	878	8.8	10.2
Single (never married)	1,290	1,714	11.1	14.3	749	968	8.8	10.8
White, 20 to 64 years of age	2,462	3,738	5.0	7.5	2,125	2,880	6.1	7.8
Married, spouse present	1,213	2,074	3.4	5.8	1,220	1,642	5.7	7.4
Widowed, divorced, or separated	336	447	7.9	10.2	495	637	7.5	9.3
Single (never married)	914	1,217	9.3	12.1	410	562	6.0	7.8
Black and other, 20 to 64 years of age	785	1,069	12.2	15.0	808	937	13.5	14.9
Married, spouse present	273	428	7.5	11.1	226	289	8.7	10.3
Widowed, divorced, or separated	137	143	14.9	15.5	243	241	14.1	14.0
Single (never married)	376	497	20.2	26.1	339	406	20.4	23.1

A-11. Unemployed persons by occupation and sex

Occupation	Thousands of persons		Unemployment rates					
			Total		Males		Females	
	Aug. 1981	Aug. 1982	Aug. 1981	Aug. 1982	Aug. 1981	Aug. 1982	Aug. 1981	Aug. 1982
Total, 16 years and over	7,947	10,710	7.2	9.6	6.6	9.3	8.0	9.9
White collar workers	2,296	2,851	4.2	5.1	2.7	3.7	5.4	6.2
Professional and technical	528	660	3.2	3.9	2.3	3.3	4.4	4.6
Managers and administrators, except farm	291	419	2.4	3.4	1.8	2.8	4.1	4.9
Sales workers	309	381	4.5	5.4	3.3	4.8	5.9	6.1
Clerical workers	1,169	1,391	5.9	7.0	5.0	5.7	6.1	7.3
Blue collar workers	3,148	4,593	8.8	13.1	8.2	12.4	11.2	16.0
Craft and kindred workers	846	1,296	6.1	9.3	6.1	9.3	6.2	9.5
Carpenters and other construction craft workers	457	559	10.3	12.6	10.1	12.6	17.2	15.7
All other	389	737	4.1	7.7	4.1	7.6	4.7	8.7
Operatives, except transport	1,344	1,949	11.3	17.1	10.2	16.7	12.1	17.7
Transport equipment operatives	305	462	7.9	12.3	7.8	12.3	9.8	12.6
Nonfarm laborers	654	885	11.1	14.7	11.1	14.5	11.5	16.2
Construction laborers	185	269	15.6	24.3	15.7	24.3	(1)	(1)
All other	469	616	10.0	12.5	9.7	12.0	11.5	16.0
Service workers	1,312	1,676	8.9	10.6	9.3	11.2	8.6	10.2
Private household	60	71	5.5	6.2	(1)	(1)	5.4	6.0
All other	1,252	1,605	9.1	11.0	9.3	11.2	9.0	10.8
Farm workers	148	189	4.5	5.8	3.7	4.9	7.6	9.2
No previous work experience	1,044	1,401	--	--	--	--	--	--
16 to 19 years	791	1,052	--	--	--	--	--	--
20 to 24 years	170	235	--	--	--	--	--	--
25 years and over	83	114	--	--	--	--	--	--

[1] Percent not shown where base is less than 75,000.

A-12. Unemployed persons by industry and sex

Industry	Percent distribution		Unemployment rates					
			Total		Males		Females	
	Aug. 1981	Aug. 1982	Aug. 1981	Aug. 1982	Aug. 1981	Aug. 1982	Aug. 1981	Aug. 1982
Total, 16 years and over	100.0	100.0	7.2	9.6	6.6	9.3	8.0	9.9
Nonagricultural private wage and salary workers	71.4	74.5	7.3	9.7	6.6	9.9	7.9	9.8
Mining	.8	1.5	5.3	14.7	5.5	16.1	6.4	6.5
Construction	5.5	7.8	12.4	16.0	12.7	16.4	8.7	11.0
Manufacturing	20.8	25.5	7.3	12.0	6.0	11.1	9.1	13.8
Durable goods	11.9	16.8	6.8	13.3	6.1	12.5	8.6	15.4
Lumber and wood products	.7	.9	7.3	14.5	6.4	12.5	12.5	24.9
Furniture and fixtures	.6	.7	8.1	13.7	6.8	13.7	11.5	13.5
Stone, clay, and glass products	.5	.6	6.3	10.3	6.8	10.2	4.3	10.6
Primary metal industries	1.1	2.4	7.1	21.8	6.9	21.0	8.2	28.5
Fabricated metal products	1.5	2.0	8.3	15.4	6.7	14.4	13.6	18.7
Machinery, except electrical equipment	2.2	3.4	5.7	12.8	4.9	12.8	8.5	12.6
Electrical equipment	1.8	2.4	5.8	9.7	4.1	5.9	7.8	14.5
Transportation equipment	2.6	3.1	8.8	15.6	8.4	14.0	10.7	23.2
Automobiles	1.9	2.0	12.8	21.8	11.5	19.1	19.4	35.2
Other transportation equipment	.7	1.1	4.3	10.3	5.2	9.4	2.8	10.3
Instruments and related products	.3	.6	3.7	8.7	4.3	8.1	2.9	9.5
Other durable goods industries	.6	.8	5.8	13.2	4.8	9.2	8.0	11.9
Nondurable goods	8.9	8.7	7.4	10.1	5.9	8.4	9.5	12.3
Food and kindred products	2.4	2.9	9.1	13.4	7.7	9.9	12.1	11.3
Textile mill products	.9	1.1	8.7	15.3	7.8	13.1	9.6	17.9
Apparel and other textile products	1.8	1.8	10.3	14.5	10.2	10.3	10.3	15.7
Paper and allied products	.3	.4	3.4	5.4	2.7	4.7	5.9	8.0
Printing and publishing	1.0	1.2	5.2	7.8	4.9	8.2	5.7	7.2
Chemicals and allied products	.9	.9	5.1	7.2	3.1	5.6	9.8	11.1
Rubber and plastics products	.9	.7	10.1	9.4	9.2	8.9	11.9	10.1
Other nondurable goods industries	.6	.7	6.4	11.7	5.0	6.8	8.7	16.0
Transportation and public utilities	3.5	3.7	4.6	5.8	5.0	7.0	3.7	6.1
Railroads and railway express	.3	.6	3.5	12.2	3.6	12.4	(1)	(1)
Other transportation	2.7	2.5	7.5	9.7	7.8	9.6	6.7	9.8
Communication and other public utilities	.5	.6	1.7	2.6	1.6	2.1	1.8	3.5
Wholesale and retail trade	19.6	18.9	7.7	9.5	6.9	8.5	9.0	10.6
Finance, insurance, and real estate	4.3	4.9	3.2	5.3	3.1	4.7	3.3	5.7
Service industries	15.9	14.2	8.5	7.4	6.2	8.0	6.7	7.1
Professional services	7.2	6.2	5.2	5.8	4.0	5.5	5.8	5.9
All other service industries	8.7	8.0	8.1	9.6	8.0	10.0	8.3	9.1
Agricultural wage and salary workers	2.5	2.3	9.9	11.9	8.5	10.4	14.9	17.2
All other classes of workers	13.0	10.1	4.1	4.2	3.2	3.4	5.2	5.3
No previous work experience	13.1	13.1	--	--	--	--	--	--

[1] Percent not shown where base is less than 75,000.

HOUSEHOLD DATA

A-13. Unemployed persons by reason for unemployment, sex, age, and race

Reason for unemployment	Total unemployed		Males, 20 years and over		Females, 20 years and over		Both sexes, 16 to 19 years		White		Black and other	
	Aug. 1981	Aug. 1982	Aug. 1981	Aug. 1982	Aug. 1981	Aug. 1982	Aug. 1981	Aug. 1982	Aug. 1981	Aug. 1982	Aug. 1981	Aug. 1982
NUMBER OF UNEMPLOYED												
Total unemployed, in thousands	7,947	10,710	3,290	4,877	2,975	3,818	1,682	2,015	5,908	8,172	2,040	2,53
Job losers	3,937	6,042	2,282	3,765	1,335	1,853	319	424	2,942	4,741	994	1,30
On layoff	1,192	2,010	730	1,272	419	629	73	109	963	1,675	229	33
Other job losers	2,745	4,032	1,582	2,493	916	1,224	246	315	1,979	3,066	765	96
Job leavers	995	912	374	340	441	445	180	127	820	742	174	16
Reentrants	1,975	2,364	538	635	1,044	1,310	392	419	1,444	1,774	531	58
New entrants	1,041	1,393	96	138	155	210	790	1,045	701	914	340	47
PERCENT DISTRIBUTION												
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
Job losers	49.5	56.4	69.4	77.2	44.9	48.6	18.9	21.0	49.8	58.0	48.7	51.
On layoff	15.0	18.8	21.3	26.1	14.1	16.5	4.3	5.4	16.3	20.5	11.2	13.
Other job losers	34.5	37.6	48.1	51.1	30.8	32.1	14.6	15.6	33.5	37.5	37.5	38.
Job leavers	12.5	8.5	11.4	7.0	14.8	11.7	10.7	6.3	13.9	9.1	8.5	6.
Reentrants	24.8	22.1	16.4	13.0	35.1	34.3	23.3	20.8	24.4	21.7	26.0	23.
New entrants	13.1	13.0	2.9	2.8	5.2	5.5	47.0	51.9	11.9	11.2	16.7	18.
UNEMPLOYMENT RATE												
Total unemployment rate	7.2	9.6	5.7	8.4	7.1	8.7	16.4	20.5	6.1	8.4	14.7	17.
Job loser rate[1]	3.6	5.4	3.9	6.5	3.2	4.2	3.1	4.3	3.1	4.8	7.1	9.
Job leaver rate[1]	.9	.8	.6	.6	1.0	1.0	1.8	1.3	.9	.8	1.3	1.
Reentrant rate[1]	1.8	2.1	.9	1.1	2.5	3.0	3.8	4.3	1.5	1.8	3.8	4.
New entrant rate[1]	.9	1.2	.2	.2	.4	.5	7.7	10.6	.7	.9	2.4	3.

1. Unemployment rates are calculated as a percent of the civilian labor force.

A-14. Unemployed persons by reason for unemployment, sex, age, and duration of unemployment

(Percent distribution)

Reason, sex, and age	August 1982						
	Total unemployed		Duration of unemployment				
					15 weeks and over		
	Thousands of persons	Percent	Less than 5 weeks	5 to 14 weeks	Total	15 to 26 weeks	27 weeks and over
Total, 16 years and over	10,710	100.0	35.3	33.8	30.9	13.5	17.4
Job losers	6,042	100.0	30.1	30.1	39.8	17.4	22.4
On layoff	2,010	100.0	38.8	30.1	31.0	14.6	16.5
Other job losers	4,032	100.0	25.7	30.1	44.2	18.8	25.4
Job leavers	912	100.0	44.2	31.0	24.8	10.3	14.6
Reentrants	2,364	100.0	45.0	34.9	20.1	8.7	11.4
New entrants	1,393	100.0	35.6	50.0	14.5	6.7	7.8
Males, 20 years and over	4,877	100.0	30.3	30.2	39.5	15.5	23.9
Job losers	3,765	100.0	29.0	28.4	42.6	17.5	25.2
On layoff	1,272	100.0	38.3	27.8	33.8	15.8	18.0
Other job losers	2,493	100.0	24.2	28.7	47.1	18.3	28.8
Job leavers	340	100.0	41.3	33.2	25.5	9.9	18.6
Reentrants	635	100.0	31.0	39.2	29.8	10.0	19.8
New entrants	138	100.0	38.0	37.1	24.9	2.4	22.5
Females, 20 years and over	3,818	100.0	29.8	31.5	38.8	13.9	24.9
Job losers	1,853	100.0	28.8	32.8	38.4	18.6	19.8
On layoff	629	100.0	47.7	33.9	28.4	14.2	14.2
Other job losers	1,224	100.0	24.3	32.2	43.5	20.9	22.7
Job leavers	445	100.0	42.6	32.2	25.2	12.6	12.6
Reentrants	1,310	100.0	54.0	29.9	17.1	7.9	9.2
New entrants	210	100.0	41.3	34.3	24.4	12.8	11.6
Both sexes, 16 to 19 years	2,015	100.0	38.7	47.2	14.1	7.7	6.3
Job losers	424	100.0	45.2	34.0	20.8	11.8	9.0
On layoff	109	100.0	50.9	35.5	13.6	2.8	10.8
Other job losers	315	100.0	43.2	33.5	23.3	14.9	8.4
Job leavers	127	100.0	57.6	28.8	13.6	3.1	10.5
Reentrants	419	100.0	38.0	47.2	14.8	9.3	5.5
New entrants	1,045	100.0	34.1	54.8	11.1	6.0	5.0

A-15. Unemployed jobseekers by sex, age, race, and jobsearch methods used

Sex, age, and race	August 1982								
	Thousands of persons		Methods used as a percent of total jobseekers						Average number of methods used
	Total unemployed	Total jobseekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives	Other	
Total, 16 years and over	10,710	8,524	24.0	5.9	79.0	35.0	16.0	4.4	1.64
16 to 19 years	2,015	1,880	15.6	4.3	83.2	29.4	14.1	2.3	1.49
20 to 24 years	2,419	2,043	26.5	6.1	80.4	38.0	14.2	3.7	1.69
25 to 34 years	3,059	2,282	27.0	6.5	77.8	36.2	18.9	4.6	1.71
35 to 44 years	1,543	1,126	26.6	6.7	76.6	37.0	16.6	5.6	1.69
45 to 54 years	929	673	27.2	8.1	76.4	35.1	14.9	6.7	1.68
55 to 64 years	636	454	20.0	4.8	79.2	35.5	17.0	9.5	1.61
65 years and over	111	70	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Males, 16 years and over	5,941	4,504	27.9	5.9	78.3	33.5	18.2	5.5	1.69
16 to 19 years	1,063	966	17.5	3.6	83.1	30.3	16.5	1.4	1.52
20 to 24 years	1,346	1,115	31.6	5.7	79.7	35.8	15.7	4.0	1.73
25 to 34 years	1,723	1,169	31.9	6.2	75.3	36.4	22.2	5.7	1.78
35 to 44 years	839	572	30.6	6.8	78.7	30.1	18.5	7.9	1.73
45 to 54 years	505	360	30.6	10.8	76.4	32.5	14.7	10.6	1.76
55 to 64 years	395	279	22.9	5.0	73.1	32.3	19.4	14.0	1.67
65 years and over	70	42	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Females, 16 years and over	4,769	4,021	19.5	6.0	79.7	36.8	13.6	3.2	1.59
16 to 19 years	951	914	13.8	4.9	83.3	28.2	11.7	3.2	1.45
20 to 24 years	1,073	928	20.5	6.5	81.1	40.7	12.4	3.3	1.65
25 to 34 years	1,336	1,113	21.7	6.8	80.4	36.2	15.3	3.3	1.64
35 to 44 years	704	554	22.4	6.3	74.4	44.2	14.4	3.2	1.65
45 to 54 years	424	310	23.2	4.8	76.5	38.1	15.2	1.9	1.60
55 to 64 years	240	175	15.4	5.1	76.0	40.6	13.1	2.3	1.53
65 years and over	41	27	(1)	(1)	(1)	(1)	(1)	(1)	(1)
White, 16 years and over	8,172	6,338	22.2	5.9	79.4	37.2	17.1	4.4	1.66
Males	4,610	3,388	26.4	5.9	78.3	36.0	19.6	6.1	1.72
Females	3,562	2,950	17.4	5.9	80.7	38.5	14.3	2.5	1.59
Black and other, 16 years and over	2,538	2,186	29.0	6.1	77.7	28.9	12.8	4.3	1.59
Males	1,331	1,115	32.6	5.8	78.4	25.7	14.0	3.9	1.60
Females	1,207	1,070	25.4	6.4	77.0	32.2	11.5	4.9	1.57

(1) Percent not shown where base is less than 75,000.

NOTE: The jobseekers total is less than the total unemployed because persons on layoff or waiting to begin a new wage and salary job within 30 days are not actually seeking jobs. It should also be noted that the percent using each method will always total more than 100 because many jobseekers use more than one method.

A-16. Unemployed jobseekers by sex, reason for unemployment, and jobsearch methods used

Sex and reason	August 1982								
	Thousands of persons		Methods used as a percent of total jobseekers						Average number of methods used
	Total unemployed	Total jobseekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives	Other	
Total, 16 years and over	10,710	8,524	24.0	5.9	79.0	35.0	16.0	4.4	1.64
Job losers	6,042	4,831	31.1	6.9	80.5	36.6	18.7	5.1	1.79
Job leavers	912	895	24.2	6.5	79.3	40.4	16.1	2.3	1.66
Reentrants	2,364	2,211	16.8	5.2	74.2	35.6	12.7	5.1	1.50
New entrants	1,393	1,386	16.3	4.0	82.0	26.3	13.3	2.7	1.45
Males, 16 years and over	5,941	4,504	27.9	5.9	78.3	33.5	18.2	5.5	1.69
Job losers	4,046	2,694	32.6	7.1	79.1	34.7	20.2	6.2	1.89
Job leavers	409	433	25.7	4.5	81.0	36.5	17.7	2.5	1.68
Reentrants	830	758	20.8	4.7	71.6	33.2	15.0	7.4	1.53
New entrants	656	652	18.4	3.2	81.3	26.4	14.0	2.3	1.46
Females, 16 years and over	4,769	4,021	19.5	6.0	79.7	36.8	13.6	3.2	1.59
Job losers	1,996	1,337	28.2	6.5	83.3	40.2	15.6	2.7	1.77
Job leavers	503	496	17.7	8.1	78.0	43.5	14.7	2.2	1.64
Reentrants	1,534	1,454	14.7	5.4	75.6	36.7	11.6	3.9	1.48
New entrants	737	733	14.5	4.8	82.7	26.1	12.6	3.1	1.44

NOTE: See note, table A-15.

HOUSEHOLD DATA

A-17. Unemployed persons by duration of unemployment

Duration of unemployment	Total				Full-time workers			
	Thousands of persons		Percent distribution		Thousands of persons		Percent distribution	
	Aug. 1981	Aug. 1982	Aug. 1981	Aug. 1982	Aug. 1981	Aug. 1982	Aug. 1981	Aug. 1982
Total, 16 years and over	7,947	10,710	100.0	100.0	6,511	9,142	100.0	100.0
Less than 5 weeks	3,222	3,778	40.5	35.3	2,402	3,004	36.9	32.9
5 to 14 weeks	2,716	3,624	34.2	33.8	2,231	3,018	34.3	33.0
5 to 10 weeks	1,981	2,563	24.9	23.9	1,615	2,110	24.8	23.1
11 to 14 weeks	735	1,062	9.2	9.9	615	908	9.4	9.9
15 weeks and over	2,010	3,308	25.3	30.9	1,878	3,120	28.8	34.1
15 to 26 weeks	845	1,445	10.6	13.5	790	1,342	12.1	14.7
27 weeks and over	1,166	1,863	14.7	17.4	1,088	1,779	16.7	19.5
27 to 51 weeks	587	1,014	7.4	9.5	550	982	8.4	10.7
52 weeks and over	578	849	7.3	7.9	538	796	8.3	8.7
Average (mean) duration, in weeks	13.9	15.7	--	--	15.2	16.8	--	--
Median duration, in weeks	7.3	8.7	--	--	8.2	9.5	--	--

A-18. Unemployed persons by sex, age, race, marital status, and duration of unemployment

Sex, age, race, and marital status	Thousands of persons					Average (mean) duration, in weeks	Median duration, in weeks	Less than 5 weeks as a percent of unemployed in group		15 weeks and over as a percent of unemployed in group	
	Total	Less than 5 weeks	5 to 14 weeks	15 to 26 weeks	27 weeks and over						
	August 1982							Aug. 1981	Aug. 1982	Aug. 1981	Aug. 1982
Total, 16 years and over	10,710	3,778	3,624	1,445	1,863	15.7	8.7	40.5	35.3	25.3	30.9
16 to 21 years	3,017	1,154	1,294	276	293	11.7	7.5	42.0	38.2	16.2	18.9
16 to 19 years	2,015	780	952	156	127	10.3	7.5	43.9	38.7	14.1	14.1
20 to 24 years	2,419	923	784	311	401	14.7	7.9	42.2	38.2	23.6	29.4
25 to 34 years	3,059	1,046	946	456	611	16.6	9.4	39.5	34.2	28.0	34.9
35 to 44 years	1,543	509	458	244	332	18.4	10.1	39.5	33.0	29.2	37.3
45 to 54 years	929	287	274	157	211	19.2	10.2	35.0	30.9	34.5	39.6
55 to 64 years	634	199	170	102	164	21.3	11.5	37.1	31.3	36.4	41.9
65 years and over	111	33	41	20	17	17.1	8.5	38.7	29.8	34.5	33.1
Males, 16 years and over	5,981	1,846	1,986	850	1,259	17.8	9.7	36.8	31.1	30.4	35.5
16 to 21 years	1,626	539	722	169	196	13.4	8.3	38.4	33.1	19.3	22.5
16 to 19 years	1,063	367	515	92	90	11.2	8.1	40.0	34.5	16.2	17.1
20 to 24 years	1,346	444	457	183	262	16.5	8.9	38.7	33.0	29.6	33.0
25 to 34 years	1,723	514	515	272	422	18.9	10.7	34.2	29.8	33.5	40.3
35 to 44 years	839	253	221	141	224	21.6	12.0	31.5	30.2	41.2	43.5
45 to 54 years	505	140	149	83	134	21.0	11.7	36.5	27.7	37.1	42.9
55 to 64 years	395	113	102	66	114	23.4	13.0	37.5	28.5	39.8	45.7
65 years and over	70	16	28	10	12	18.1	9.5	(1)	(1)	(1)	(1)
Females, 16 years and over	4,769	1,931	1,638	595	605	12.9	7.5	44.7	40.5	19.6	25.2
16 to 21 years	1,391	615	572	107	97	9.8	6.6	46.0	44.2	12.8	14.6
16 to 19 years	951	413	437	64	37	8.6	6.7	48.2	43.4	11.8	10.6
20 to 24 years	1,073	479	326	129	139	12.4	6.6	46.5	46.7	16.5	24.9
25 to 34 years	1,336	532	431	183	189	13.6	7.7	45.1	39.9	22.1	27.9
35 to 44 years	704	256	236	103	108	14.2	8.7	46.5	36.4	18.9	30.0
45 to 54 years	424	147	126	74	79	17.1	8.7	33.2	34.7	31.6	35.7
55 to 64 years	240	86	68	36	49	17.7	9.4	36.6	35.9	31.6	35.6
65 years and over	41	17	13	6	5	15.2	6.3	(1)	(1)	(1)	(1)
White, 16 years and over	8,172	2,960	2,733	1,088	1,391	15.2	8.4	42.7	36.2	23.9	30.3
Males	4,610	1,465	1,520	661	964	17.4	9.6	38.3	31.8	29.2	35.2
Females	3,562	1,495	1,213	428	427	12.3	6.9	47.8	42.0	18.0	24.3
Black and other, 16 years and over	2,538	818	891	357	472	17.2	9.6	34.1	32.2	29.3	32.7
Males	1,331	381	466	189	295	19.5	10.2	32.3	28.6	34.1	36.4
Females	1,207	437	425	167	177	14.7	8.9	36.0	36.2	24.3	28.6
Males, 16 years and over											
Married, spouse present	2,567	747	753	438	630	19.7	10.9	38.2	29.1	36.0	41.6
Widowed, divorced, or separated	609	192	175	70	173	21.1	10.6	30.5	31.5	38.3	39.8
Single (never married)	2,764	907	1,058	342	456	15.4	8.9	37.2	32.8	24.7	28.9
Females, 16 years and over											
Married, spouse present	2,021	676	624	259	262	12.5	6.6	47.0	43.4	19.9	25.8
Widowed, divorced, or separated	918	337	268	139	175	16.9	9.1	40.6	36.7	26.4	34.1
Single (never married)	1,830	718	746	197	168	11.4	7.7	48.5	39.2	15.7	20.0

(1) Percent not shown where base is less than 75,000.

A-19. Unemployed persons by occupation, industry, and duration of unemployment

Occupation and industry	Thousands of persons					Average (mean) duration, in weeks	Median duration, in weeks	Less than 5 weeks as a percent of unemployed in group		15 weeks and over as a percent of unemployed in group	
	Total	Less than 5 weeks	5 to 14 weeks	15 to 26 weeks	27 weeks and over						
	August 1982							Aug. 1981	Aug. 1982	Aug. 1981	Aug. 1982
OCCUPATION											
White-collar workers	2,851	1,070	942	397	442	14.4	8.3	40.0	37.5	22.2	29.4
Professional and managerial	1,079	403	383	125	169	14.2	7.8	33.5	37.3	24.1	27.2
Sales workers	381	126	106	60	89	18.7	9.3	42.3	33.1	20.5	39.1
Clerical workers	1,391	541	454	211	185	13.3	7.8	40.0	38.9	21.4	28.5
Blue-collar workers	4,593	1,467	1,347	737	1,041	18.3	10.3	39.4	31.9	31.4	38.7
Craft and kindred workers	1,296	418	394	198	285	17.4	9.9	39.2	32.3	31.9	37.3
Operatives, except transport	1,949	647	531	356	416	17.8	10.8	41.1	33.2	30.5	39.6
Transport equipment operatives	462	144	140	67	112	20.4	10.0	41.6	31.1	31.2	38.7
Nonfarm laborers	885	258	283	117	227	19.6	10.4	38.9	29.2	32.7	38.9
Service workers	1,676	646	588	201	241	14.2	8.0	44.2	38.5	24.5	26.4
INDUSTRY[1]											
Agriculture	250	119	75	23	36	13.5	5.8	52.5	47.6	13.3	22.6
Construction	868	327	252	109	181	15.7	8.2	41.1	37.6	32.5	33.4
Manufacturing	2,731	835	786	501	609	18.4	11.2	39.6	30.6	31.5	40.6
Durable goods	1,797	508	504	347	438	19.4	12.4	37.6	28.3	36.0	43.7
Nondurable goods	934	327	282	154	171	16.6	9.6	42.4	35.0	25.4	34.8
Transportation and public utilities	442	113	160	75	94	19.4	10.7	43.7	25.6	29.9	38.2
Wholesale and retail trade	2,028	734	660	279	355	15.4	8.4	44.1	36.2	23.0	31.2
Finance and service industries	2,391	941	806	285	359	14.3	7.6	39.4	39.4	23.4	26.9
Public administration	231	73	71	28	59	19.5	10.7	29.5	31.6	29.6	37.7
No previous work experience	1,401	502	698	93	108	11.5	7.8	39.1	35.8	16.6	19.4

[1] Includes wage and salary workers only.

A-20. Employed persons by industry, age, and sex

(In thousands)

Industry and age	Total		Males		Females	
	Aug. 1981	Aug. 1982	Aug. 1981	Aug. 1982	Aug. 1981	Aug. 1982
All industries	102,152	101,177	59,005	57,644	43,146	43,533
16 to 19 years	8,574	7,830	4,590	4,127	3,984	3,703
16 to 17 years	3,599	3,139	1,965	1,697	1,634	1,443
18 to 19 years	4,974	4,691	2,624	2,431	2,350	2,260
20 to 24 years	14,835	14,277	7,989	7,593	6,846	6,684
25 to 54 years	64,371	64,833	37,717	37,430	26,654	27,403
25 to 34 years	28,205	28,140	16,475	16,131	11,730	12,008
35 to 44 years	20,896	20,858	11,759	12,040	8,336	8,818
45 to 54 years	15,870	15,835	9,483	9,258	6,588	6,577
55 to 64 years	11,450	11,397	6,890	6,774	4,560	4,623
55 to 59 years	7,158	7,033	4,245	4,181	2,913	2,852
60 to 64 years	4,292	4,363	2,645	2,592	1,647	1,771
65 years and over	2,921	2,841	1,819	1,720	1,102	1,121
Nonagricultural industries	98,288	97,262	55,955	54,529	42,333	42,732
16 to 19 years	8,016	7,213	4,428	3,624	3,588	3,590
16 to 17 years	3,328	2,831	1,720	1,441	1,588	1,390
18 to 19 years	4,708	4,382	2,408	2,183	2,300	2,200
20 to 24 years	14,271	13,736	7,530	7,163	6,741	6,573
25 to 54 years	62,479	62,887	35,293	35,926	26,186	26,962
25 to 34 years	27,428	27,306	15,880	15,453	11,548	11,853
35 to 44 years	19,508	20,271	11,331	11,621	8,177	8,650
45 to 54 years	15,544	15,311	8,082	8,851	6,461	6,459
55 to 64 years	10,908	10,881	6,457	6,360	4,451	4,521
55 to 59 years	6,861	6,757	4,023	3,958	2,838	2,798
60 to 64 years	4,047	4,124	2,434	2,402	1,613	1,723
65 years and over	2,614	2,543	1,568	1,456	1,066	1,087
Agriculture	3,864	3,916	3,050	3,115	813	801
16 to 19 years	557	617	462	504	96	113
16 to 17 years	291	308	245	255	46	53
18 to 19 years	267	309	217	248	50	60
20 to 24 years	564	540	463	430	135	111
25 to 54 years	1,892	1,946	1,424	1,504	468	442
25 to 34 years	778	833	596	678	182	155
35 to 44 years	588	587	428	419	159	168
45 to 54 years	526	524	403	407	126	118
55 to 64 years	542	516	433	414	109	102
55 to 59 years	297	276	222	223	75	53
60 to 64 years	245	239	211	191	34	49
65 years and over	327	298	274	264	53	34

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A-21. Employed persons by occupation, sex, and age

[In thousands]

Occupation	Total		Males, 20 years and over		Females, 20 years and over		Males, 16-19 years		Females, 16-19 years	
	Aug. 1981	Aug. 1982	Aug. 1981	Aug. 1982	Aug. 1981	Aug. 1982	Aug. 1981	Aug. 1982	Aug. 1981	Aug. 1982
TOTAL	102,152	101,177	54,416	53,516	39,162	39,831	4,590	4,127	3,984	3,733
White-collar workers	52,799	53,418	23,957	24,168	26,076	26,735	737	694	2,029	1,822
Professional and technical	16,023	16,410	8,970	9,012	6,833	7,175	98	100	119	123
Health workers	3,198	3,299	1,046	1,055	2,126	2,220	2	8	16	16
Teachers, except college	2,656	2,701	753	749	1,886	1,924	4	5	14	22
Other professional and technical	10,174	10,410	7,171	7,208	2,821	3,031	92	87	89	85
Managers and administrators, except farm	11,702	11,857	8,453	8,385	3,127	3,317	64	79	59	75
Salaried workers	9,620	9,869	6,933	6,933	2,574	2,787	56	78	58	72
Self-employed workers in retail trade	962	887	624	570	332	313	7	2	--	1
Self-employed workers, except retail trade	1,119	1,101	896	882	221	217	1	--	1	2
Sales workers	6,486	6,677	3,235	3,433	2,551	2,538	251	266	450	434
Retail trade	3,370	3,395	1,046	1,128	1,719	1,689	199	189	406	389
Other industries	3,116	3,282	2,188	2,311	832	849	52	77	44	45
Clerical workers	18,590	18,474	3,299	3,332	13,565	13,704	324	249	1,401	1,189
Stenographers, typists, and secretaries	5,113	4,887	69	61	4,670	4,558	10	7	364	261
Other clerical workers	13,477	13,587	3,230	3,271	8,895	9,146	14	242	1,037	928
Blue-collar workers	32,738	30,541	24,324	22,670	5,547	5,330	2,455	1,988	412	352
Craft and kindred workers	13,064	12,651	11,802	11,304	736	893	490	417	36	37
Carpenters	1,173	1,074	1,084	1,006	24	14	62	54	3	1
Construction craft workers, except carpenters	2,809	2,794	2,684	2,575	45	59	148	147	12	13
Mechanics and repairers	3,485	3,416	3,257	3,197	57	75	166	139	4	6
Metal craft workers	1,291	1,215	1,211	1,153	51	48	29	13	--	--
Blue-collar worker supervisors, not elsewhere classified	1,865	1,728	1,669	1,500	185	225	10	8	2	--
All other	2,442	2,425	1,977	1,874	374	478	76	56	16	18
Operatives, except transport	10,896	9,470	5,986	5,178	4,109	3,710	613	391	229	193
Durable goods manufacturing	4,687	3,858	2,984	2,363	1,498	1,385	155	92	70	39
Nondurable goods manufacturing	3,522	3,147	1,293	1,253	1,949	1,745	155	60	125	90
Other industries	2,687	2,464	1,689	1,562	661	608	303	240	34	55
Transport equipment operatives	3,593	3,494	3,096	2,922	270	248	168	97	8	16
Drivers, motor vehicles	2,982	2,797	2,564	2,478	240	222	152	81	6	16
All other	577	487	533	445	30	26	16	16	2	--
Nonfarm laborers	5,239	5,136	3,482	3,466	433	472	1,184	1,083	139	116
Construction	1,004	838	758	649	22	18	214	160	9	11
Manufacturing	1,048	901	796	669	136	139	105	64	11	9
Other industries	3,186	3,397	1,929	2,128	274	315	864	859	119	95
Service workers	13,475	14,128	3,970	4,175	6,997	7,262	1,037	1,044	1,471	1,447
Private household workers	1,027	1,075	23	19	780	770	5	16	258	293
Service workers, except private household	12,448	13,053	3,947	4,156	6,216	6,492	1,032	1,028	1,213	1,177
Food service workers	4,675	4,919	898	1,101	2,354	2,415	642	631	780	792
Protective service workers	1,385	1,526	1,233	1,361	131	135	21	24	1	7
All other	6,388	6,588	1,816	1,694	3,731	3,942	369	373	432	378
Farm workers	3,141	3,091	2,166	2,103	542	504	361	402	72	82
Farmers and farm managers	1,592	1,510	1,365	1,326	206	166	18	16	3	3
Farm laborers and supervisors	1,549	1,581	801	777	336	338	342	386	69	79
Paid workers	1,244	1,280	756	745	158	146	277	329	53	60
Unpaid family workers	304	300	45	32	178	192	66	57	16	19

A-22. Employed persons by occupation, race, and sex

(Percent distribution)

Occupation and race	Total		Males		Females	
	Aug. 1981	Aug. 1982	Aug. 1981	Aug. 1982	Aug. 1981	Aug. 1982
TOTAL						
Total, 16 years and over (thousands)	102,152	101,177	59,005	57,644	43,146	43,533
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White collar workers	51.7	52.8	41.8	43.1	65.1	65.6
Professional and technical	15.7	16.2	15.4	15.8	16.1	16.8
Managers and administrators, except farm	11.5	11.7	10.4	10.7	7.4	7.8
Sales workers	6.3	6.6	5.9	6.4	7.0	6.8
Clerical workers	18.2	18.3	6.1	6.2	34.7	34.2
Blue collar workers	32.0	30.2	45.4	43.1	13.8	13.1
Craft and kindred workers	12.8	12.5	23.8	20.3	1.8	2.1
Operatives, except transport	10.7	9.4	11.1	9.7	10.1	9.0
Transport equipment operatives	3.5	3.2	5.5	5.2	.6	.6
Nonfarm laborers	5.1	5.1	7.9	7.9	1.3	1.3
Service workers	13.2	14.0	8.5	9.4	19.6	20.0
Private household workers	1.0	1.1	(1)	.1	2.3	2.4
Other service workers	12.2	12.9	8.4	9.3	17.3	17.6
Farm workers	3.1	3.1	4.3	4.3	1.4	1.3
Farmers and farm managers	1.6	1.5	2.3	2.3	.5	.4
Farm laborers and supervisors	1.5	1.6	1.9	2.0	.9	1.0
White						
Total, 16 years and over (thousands)	90,279	89,189	52,774	51,457	37,504	37,732
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White collar workers	53.1	54.4	43.1	44.6	67.1	67.7
Professional and technical	15.9	16.5	15.6	16.2	16.2	16.9
Managers and administrators, except farm	12.2	12.6	15.3	15.6	7.8	8.4
Sales workers	6.8	7.1	6.3	6.8	7.5	7.4
Clerical workers	18.2	18.3	5.9	6.0	35.6	35.0
Blue collar workers	31.5	29.7	44.7	42.4	12.9	12.3
Craft and kindred workers	13.3	13.0	21.9	20.9	1.8	2.2
Operatives, except transport	10.0	8.8	10.6	9.2	9.1	8.2
Transport equipment operatives	3.3	3.1	5.3	5.0	.7	.6
Nonfarm laborers	4.9	4.7	7.4	7.2	1.3	1.3
Service workers	12.1	12.7	7.6	8.4	18.4	18.5
Private household workers	.8	.8	(1)	(1)	2.2	1.9
Other service workers	11.3	11.9	7.6	8.4	16.2	16.6
Farm workers	3.3	3.3	4.5	4.6	1.5	1.4
Farmers and farm managers	1.7	1.6	2.6	2.5	.5	.4
Farm laborers and supervisors	1.5	1.6	1.9	2.0	1.0	1.0
Black and other						
Total, 16 years and over (thousands)	11,873	11,988	6,231	6,186	5,642	5,802
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White collar workers	41.0	40.9	31.2	30.5	52.0	52.1
Professional and technical	14.2	14.0	13.1	12.2	15.3	15.9
Managers and administrators, except farm	5.9	5.5	7.1	7.0	4.7	3.9
Sales workers	3.1	3.2	2.8	3.1	3.4	3.3
Clerical workers	17.8	18.3	8.1	8.2	28.5	29.0
Blue collar workers	36.0	34.1	59.8	59.6	19.6	17.7
Craft and kindred workers	8.9	9.0	15.6	15.8	1.5	1.7
Operatives, except transport	15.7	13.4	15.2	13.2	16.3	13.9
Transport equipment operatives	4.4	4.1	7.8	7.3	.6	.6
Nonfarm laborers	6.9	7.6	12.1	13.3	1.3	1.6
Service workers	21.4	23.3	15.7	17.5	27.6	29.6
Private household workers	2.8	2.7	.2	.2	5.7	5.4
Other service workers	18.6	20.7	15.6	17.3	21.9	24.2
Farm workers	1.6	1.6	2.3	2.4	.8	.7
Farmers and farm managers	.3	.3	.5	.5	.1	.1
Farm laborers and supervisors	1.3	1.3	1.9	1.9	.7	.5

[1] Less than 0.05 percent

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A-23. Employed persons by age, sex, and class of worker

[In thousands]

Age and sex	August 1982								
	Nonagricultural industries						Agriculture		
	Wage and salary workers				Self employed	Unpaid family workers	Wage and salary workers	Self employed	Unpaid family workers
	Total	Private household workers	Government	Other					
Total, 16 years and over	89,482	1,295	14,868	73,319	7,381	398	1,856	1,749	311
16 to 19 years	7,035	386	540	6,110	126	52	480	61	76
16 to 17 years	2,738	249	205	2,283	56	37	229	34	50
18 to 19 years	4,297	137	334	3,826	70	15	255	27	26
20 to 24 years	13,341	133	1,345	11,863	364	30	383	120	37
25 to 34 years	25,437	154	4,060	21,223	1,801	68	451	339	43
35 to 44 years	18,334	138	3,646	14,550	1,860	76	217	314	57
45 to 54 years	13,702	142	2,914	10,646	1,516	93	163	318	43
55 to 64 years	9,613	197	2,033	7,383	1,200	69	107	367	41
55 to 59 years	6,005	105	1,265	4,635	706	46	64	190	23
60 to 64 years	3,608	92	767	2,748	494	23	43	177	19
65 years and over	2,019	146	331	1,543	513	11	54	230	13
Males, 16 years and over	49,422	247	7,425	41,751	5,038	69	1,477	1,548	90
16 to 19 years	3,522	118	263	3,141	76	26	390	57	57
16 to 17 years	1,394	73	98	1,223	30	18	185	33	37
18 to 19 years	2,128	45	165	1,918	47	8	205	24	20
20 to 24 years	6,924	40	592	6,292	226	13	303	113	14
25 to 34 years	14,228	25	2,004	12,198	1,215	11	366	301	11
35 to 44 years	10,384	20	1,809	8,555	1,234	3	157	261	--
45 to 54 years	7,783	11	1,501	6,271	1,058	11	127	278	1
55 to 64 years	5,477	12	1,063	4,401	878	5	87	326	1
55 to 59 years	3,430	3	649	2,779	525	3	50	172	1
60 to 64 years	2,047	9	415	1,623	353	2	37	154	--
65 years and over	1,105	21	191	894	351	1	47	212	5
Females, 16 years and over	40,061	1,049	7,443	31,568	2,344	328	379	201	222
16 to 19 years	3,514	268	276	2,969	50	26	90	4	19
16 to 17 years	1,344	176	107	1,060	27	19	39	1	13
18 to 19 years	2,169	92	169	1,909	23	7	51	3	6
20 to 24 years	6,417	93	752	5,572	138	18	80	8	23
25 to 34 years	11,210	128	2,056	9,025	586	57	86	38	32
35 to 44 years	7,950	118	1,837	5,995	626	73	59	53	56
45 to 54 years	5,919	131	1,412	4,376	459	81	35	40	43
55 to 64 years	4,136	185	969	2,982	322	63	20	41	40
55 to 59 years	2,575	102	616	1,856	181	43	14	18	21
60 to 64 years	1,561	83	353	1,125	141	20	6	24	19
65 years and over	914	125	140	649	163	10	8	17	9

A-24. Employed persons by industry and occupation

[In thousands]

Industry	August 1982											
		White-collar workers				Blue-collar workers				Service workers		Farm workers
	Total employed	Professional and technical workers	Managers and administrators, except farm	Sales workers	Clerical workers	Craft and kindred workers	Operatives, except transport	Transport equipment operatives	Nonfarm laborers	Private household workers	Other service workers	
Agriculture	3,916	101	42	8	84	83	12	32	447	--	15	3,091
Mining	1,000	172	104	7	122	237	293	40	11	--	14	--
Construction	6,072	226	753	36	441	3,320	263	161	838	--	34	--
Manufacturing	20,474	2,680	1,688	523	2,615	3,944	7,005	710	901	--	406	--
Durable goods	11,972	1,875	992	179	1,511	2,521	3,858	305	508	--	223	--
Nondurable goods	8,501	805	696	344	1,104	1,423	3,147	405	393	--	183	--
Transportation and public utilities	6,665	725	805	76	1,456	1,393	149	1,357	503	--	199	--
Wholesale and retail trade	21,454	480	4,165	4,414	3,747	1,496	939	698	1,334	--	4,180	--
Wholesale trade	4,266	179	893	1,019	918	359	229	349	283	--	36	--
Retail trade	17,189	301	3,272	3,395	2,829	1,137	710	349	1,051	--	4,144	--
Finance, insurance, and real estate	6,303	433	1,205	1,370	2,761	125	3	20	128	--	258	--
Services	29,974	10,583	2,427	241	5,349	1,763	741	222	782	1,075	6,793	--
Private households	1,363	10	--	--	14	9	9	6	201	1,075	41	--
Other service industries	28,611	10,573	2,427	241	5,335	1,754	732	216	581	--	6,752	--
Public administration	5,320	1,010	666	1	1,899	290	64	44	192	--	1,154	--

A-25. Employed persons with a job but not at work by reason, sex, and pay status

[In thousands]

Reason not working and sex	All industries		Nonagricultural industries					
			Total		Wage and salary workers[1]			
					Paid absences[2]		Unpaid absences[2]	
	Aug. 1981	Aug. 1982	Aug. 1981	Aug. 1982	Aug. 1981	Aug. 1982	Aug. 1981	Aug. 1982
Total, 16 years and over	11,604	11,384	11,451	11,211	6,532	6,300	4,141	4,023
Vacation	9,187	9,067	9,099	8,981	5,738	5,574	2,893	2,908
Illness	1,342	1,300	1,319	1,255	588	531	622	599
Bad weather	54	38	41	25	--	--	--	--
Industrial dispute	37	35	37	35	--	--	--	--
All other reasons	984	944	955	915	207	195	626	516
Males, 16 years and over	5,414	5,195	5,292	5,069	3,523	3,306	1,341	1,257
Vacation	4,217	4,012	4,148	3,947	3,077	2,913	806	785
Illness	740	679	720	647	383	316	311	250
All other reasons[3]	458	504	425	475	131	77	223	222
Females, 16 years and over	6,190	6,189	6,159	6,141	3,012	2,995	2,799	2,767
Vacation	4,970	5,055	4,951	5,033	2,661	2,661	2,087	2,124
Illness	602	621	599	508	245	216	311	349
All other reasons[3]	618	513	609	500	106	119	401	294

[1] Excludes private household workers.

[2] Pay status not available separately for bad weather and industrial dispute; these categories are included in "all other reasons."

[3] Includes bad weather and industrial dispute, not shown separately.

NOTE: Estimates for "all other reasons" by pay status may be biased because of high response variance; data should be used with caution.

A-26. Persons at work by hours of work and industry

Hours of work	August 1982					
	Thousands of persons			Percent distribution		
	All industries	Nonagricultural industries	Agriculture	All industries	Nonagricultural industries	Agriculture
Total, 16 years and over	89,793	86,051	3,743	100.0	100.0	100.0
1-34 hours	22,111	21,022	1,089	24.6	24.4	29.1
1-4 hours	831	762	69	.9	.9	1.8
5-14 hours	3,515	3,263	253	3.9	3.8	6.8
15-29 hours	10,882	10,335	547	12.1	12.0	14.6
30-34 hours	6,883	6,662	220	7.7	7.7	5.9
35 hours and over	67,683	65,030	2,653	75.4	75.6	70.9
35-39 hours	6,797	6,595	202	7.6	7.7	5.4
40 hours	39,245	38,618	627	43.7	44.9	16.8
41 hours and over	21,641	19,817	1,824	24.1	23.0	48.7
41 to 48 hours	8,053	7,826	227	9.0	9.1	6.1
49 to 59 hours	7,282	6,810	472	8.1	7.9	12.6
60 hours and over	6,306	5,181	1,125	7.0	6.0	30.1
Average hours, total at work	38.7	38.4	45.4	--	--	--
Average hours, workers on full-time schedules	42.8	42.4	50.0	--	--	--

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A-27. Persons at work 1 to 34 hours by reason for working less than 35 hours and usual status

[Numbers in thousands]

Reason for working less than 35 hours	August 1982					
	All industries			Nonagricultural industries		
	Total	Usually work full time	Usually work part time	Total	Usually work full time	Usually work part time
Total, 16 years and over	22,111	7,497	14,611	21,022	7,185	13,836
Economic reasons	6,862	2,325	4,537	6,456	2,194	4,262
Slack work	3,240	1,976	1,264	3,014	1,860	1,154
Material shortages or repairs to plant and equipment	30	33	--	30	30	--
New job started during week	192	192	--	185	185	--
Job terminated during week	126	126	--	116	116	--
Could find only part-time work	3,273	--	3,273	3,108	--	3,108
Other reasons	15,250	5,174	10,076	14,566	4,992	9,574
Does not want, or unavailable for, full-time work	7,885	--	7,885	7,514	--	7,514
Vacation	2,060	2,060	--	1,998	1,998	--
Illness	1,443	1,288	155	1,393	1,263	130
Bad weather	239	239	--	189	189	--
Industrial dispute	8	8	--	8	8	--
Legal or religious holiday	133	133	--	131	131	--
Full time for this job	1,475	--	1,475	1,416	--	1,416
All other reasons	2,006	1,445	561	1,917	1,403	514
Average hours						
Economic reasons	21.7	24.9	20.1	21.9	25.0	20.3
Other reasons	21.7	25.5	19.8	21.8	25.6	19.9
Worked 30 to 34 hours						
Economic reasons	2,137	1,133	1,037	2,049	1,044	1,005
Other reasons	4,746	2,584	2,162	4,613	2,527	2,086

A-28. Nonagricultural workers by industry and full- or part-time status

[Numbers in thousands]

Industry	August 1982							
	Full- or part-time status						Average hours, total at work	Average hours, workers on full time schedules
	Total at work	On part time for economic reasons	On voluntary part time	On full time schedules				
				Total	40 hours or less	41 to 48 hours	49 hours or more	
Total, 16 years and over [1]	88,051	6,456	9,574	73,021	50,204	7,826	11,991	38.4	42.4
Wage and salary workers	79,661	5,850	8,337	64,874	47,779	7,256	9,839	38.2	42.0
Construction	4,603	486	164	3,953	2,929	403	621	39.3	41.9
Manufacturing	18,309	990	518	16,831	12,638	2,143	2,020	40.2	41.6
Durable goods	10,615	449	198	9,968	7,624	1,214	1,130	40.5	41.4
Nondurable goods	7,694	541	319	6,864	5,015	929	890	39.8	41.9
Transportation and public utilities	5,630	219	226	5,185	3,724	568	893	41.2	42.8
Wholesale and retail trade	17,404	2,109	3,137	12,558	8,374	1,721	2,463	36.5	42.7
Finance, insurance, and real estate	5,320	145	504	4,671	3,600	462	609	38.8	41.3
Service industries	21,672	1,738	3,532	16,402	12,479	1,429	2,499	36.3	41.7
Private households	1,198	325	492	381	232	36	113	24.3	46.9
All other industries	20,474	1,413	3,040	16,021	12,247	1,388	2,386	37.0	41.6
Public administration	4,843	118	249	4,476	3,534	433	509	39.6	41.1
Self-employed workers	6,592	581	1,083	4,928	2,296	541	2,091	40.3	47.9
Unpaid family workers	398	26	154	218	129	29	60	34.8	45.1

[1] Includes mining, not shown separately

A-29. Persons at work in nonagricultural industries by sex, age, race, marital status, and full- or part-time status

(Numbers in thousands)

Sex, age, race, and marital status	August 1982							
	Total at work	On part time for economic reasons	On voluntary part time	On full time schedules			Average hours, total at work	Average hours, workers on full time schedules
				Total	60 hours or less	61 hours or more		
TOTAL								
Both sexes, 16 years and over	86,051	6,456	9,574	70,021	50,204	19,817	38.4	42.4
16 to 21 years	11,653	2,214	2,606	6,833	5,348	1,485	32.4	41.0
16 to 19 years	6,820	1,584	1,987	3,229	2,571	658	29.5	40.6
16 to 17 years	2,632	695	1,163	774	631	143	24.6	39.9
18 to 19 years	4,187	889	824	2,456	1,939	515	32.7	40.8
20 years and over	74,251	4,871	7,587	66,793	47,634	19,159	39.1	42.5
20 to 24 years	12,833	1,321	1,296	10,216	7,848	2,368	37.8	41.7
25 years and over	66,419	3,551	6,290	56,578	39,988	16,590	39.4	42.6
25 to 44 years	41,872	2,289	3,182	36,401	25,335	11,066	39.9	42.7
45 to 64 years	22,336	1,150	2,070	19,116	13,879	5,237	39.4	42.5
65 years and over	4,209	112	1,039	1,058	772	286	29.4	42.5
Males, 16 years and over	49,460	3,168	2,717	43,575	28,557	15,018	41.0	43.6
16 to 21 years	5,898	1,090	1,128	3,680	2,708	972	33.7	41.7
16 to 19 years	2,931	774	887	1,770	1,360	410	30.6	41.0
16 to 17 years	1,347	348	537	462	368	94	25.7	40.1
18 to 19 years	2,984	425	350	1,309	993	316	33.8	41.2
20 years and over	43,928	2,394	1,830	41,924	27,196	14,638	41.7	43.7
20 to 24 years	6,799	678	464	5,657	3,865	1,792	39.5	42.9
25 years and over	37,232	1,716	1,367	36,167	23,331	12,816	42.2	43.9
25 to 44 years	24,567	1,092	827	23,048	14,499	8,549	42.8	44.1
45 to 64 years	13,398	571	391	12,406	8,341	4,065	42.0	43.5
65 years and over	1,268	52	549	693	490	203	31.2	42.8
Females, 16 years and over	36,591	3,289	6,857	26,445	21,646	4,799	34.8	40.3
16 to 21 years	5,755	1,124	1,478	3,153	2,640	513	31.1	40.2
16 to 19 years	3,888	811	1,100	1,457	1,210	247	28.4	40.2
16 to 17 years	1,285	347	627	311	262	49	23.2	39.5
18 to 19 years	4,083	464	474	1,145	945	200	31.7	40.3
20 years and over	30,823	2,477	5,757	24,989	20,438	4,551	35.5	40.3
20 to 24 years	6,034	643	832	4,559	3,782	777	35.8	40.3
25 years and over	24,789	1,834	4,924	20,431	16,656	3,775	35.4	40.3
25 to 44 years	17,306	1,197	2,755	13,854	11,335	2,519	35.8	40.3
45 to 64 years	6,957	578	1,978	4,710	5,538	1,172	35.4	40.4
65 years and over	525	58	490	367	283	84	26.9	41.8
RACE								
White	75,647	5,359	8,750	61,538	43,240	18,298	38.5	42.6
Males	43,999	2,660	2,810	38,529	24,970	13,959	41.2	43.8
Females	31,647	2,720	5,940	22,907	18,268	4,639	34.7	40.4
Black and other	10,404	1,097	824	8,483	6,964	1,519	37.3	41.1
Males	5,460	508	307	4,645	3,586	1,059	38.8	41.9
Females	4,944	588	517	3,839	3,379	460	35.6	40.0
MARITAL STATUS								
Males, 16 years and over								
Married, spouse present	32,740	1,293	1,039	30,409	19,291	11,173	42.5	44.0
Widowed, divorced, or separated	4,283	294	283	3,761	2,485	1,276	41.0	43.6
Single (never married)	12,446	1,581	1,396	9,349	6,782	2,567	37.0	42.3
Females, 16 years and over								
Married, spouse present	18,952	1,263	4,186	13,503	11,262	2,241	34.3	39.9
Widowed, divorced, or separated	7,307	575	883	5,852	4,556	1,296	37.0	41.0
Single (never married)	10,331	1,451	1,791	7,290	5,828	1,462	34.3	40.5

HOUSEHOLD DATA

A-30. Persons at work in nonfarm occupations by sex and full- or part-time status

(Numbers in thousands)

Occupation and sex	August 1982							
	Total at work	On part time for economic reasons	On voluntary part time	On full time schedules				Average hours, total at work	Average hours, workers on full time schedules
				Total	40 hours or less	41 to 48 hours	49 hours or more		
Total, 16 years and over	86,825	6,562	9,720	70,543	50,471	7,391	12,181	38.4	42.4
White-collar workers	46,272	2,052	5,428	38,792	27,229	4,364	7,499	39.0	42.5
Professional and technical	14,776	389	1,244	11,143	7,866	1,085	2,192	39.5	42.4
Managers and administrators, except farm	10,812	175	521	10,116	5,330	1,340	3,446	44.5	46.1
Sales workers	6,092	513	1,240	4,333	2,657	569	1,107	36.5	43.4
Clerical workers	14,592	975	2,417	11,200	11,375	1,071	754	35.8	39.6
Blue-collar workers	27,848	2,627	1,386	23,835	17,191	3,073	3,571	39.4	42.1
Craft and kindred workers	11,582	744	318	10,518	7,320	1,431	1,767	40.7	42.6
Operatives, except transport	8,581	844	347	7,390	5,765	851	774	39.3	41.4
Transport equipment operatives	2,869	238	80	2,538	1,534	393	641	42.4	45.0
Nonfarm laborers	4,818	802	641	3,388	2,031	898	389	34.9	41.5
Service workers	12,705	1,883	2,906	7,916	6,051	754	1,111	33.8	42.1
Private household	992	225	425	342	210	28	104	25.2	45.5
Other service workers	11,713	1,658	2,480	7,575	5,840	727	1,008	34.6	42.0
Males, 16 years and over	50,045	3,262	2,797	43,986	28,753	5,418	9,815	40.9	43.7
White-collar workers	22,183	661	1,150	20,372	12,375	2,420	5,877	42.8	44.7
Professional and technical	7,697	196	348	7,153	4,659	715	1,749	42.1	43.7
Managers and administrators, except farm	7,772	113	210	7,449	3,940	965	2,844	45.9	46.9
Sales workers	3,447	174	339	2,934	1,573	419	942	41.2	44.8
Clerical workers	3,267	178	252	2,837	2,175	320	342	38.8	41.5
Blue-collar workers	22,865	2,018	969	19,878	13,970	2,619	3,289	39.9	42.7
Craft and kindred workers	10,767	697	247	9,823	6,796	1,333	1,694	41.0	42.7
Operatives, except transport	5,115	379	124	4,608	3,441	554	613	40.2	42.3
Transport equipment operatives	2,699	218	71	2,410	1,417	371	622	42.7	45.2
Nonfarm laborers	4,283	724	523	3,036	2,316	361	359	35.1	41.5
Service workers	4,997	583	678	3,736	2,706	379	649	37.5	43.2
Private household	36	10	16	8	4	-	2	18.3	46.3
Other service workers	4,962	573	659	3,730	2,705	377	648	37.6	43.1
Females, 16 years and over	36,780	3,301	6,923	26,556	21,717	2,474	2,365	34.3	40.3
White-collar workers	24,089	1,391	4,278	18,420	15,153	1,945	1,622	35.5	40.1
Professional and technical	7,079	193	896	3,990	3,127	370	493	35.7	40.2
Managers and administrators, except farm	3,040	63	311	2,666	1,390	374	902	41.1	43.8
Sales workers	2,645	337	907	1,401	1,084	150	165	30.5	40.4
Clerical workers	11,325	797	2,164	10,364	9,201	751	412	35.1	39.1
Blue-collar workers	4,983	610	417	3,956	3,220	454	282	36.9	40.5
Craft and kindred workers	813	46	71	696	525	98	73	37.8	40.9
Operatives, except transport	3,465	466	218	2,781	2,323	297	161	37.1	40.1
Transport equipment operatives	167	20	14	128	88	22	18	37.1	41.5
Nonfarm laborers	538	78	114	352	285	37	30	33.8	40.4
Service workers	7,708	1,300	2,228	4,180	3,344	375	461	31.5	41.2
Private household	957	215	407	335	208	25	102	25.5	45.5
Other service workers	6,751	1,085	1,821	3,845	3,135	350	360	32.3	40.4

A-31. Employment status of 14- and 15-year-olds by sex and race

(Numbers in thousands)

Employment status	August 1982								
	Total			White			Black and other		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Civilian noninstitutional population	7,139	3,635	3,505	5,905	3,019	2,886	1,234	616	618
Civilian labor force	1,602	933	688	1,446	832	633	156	101	55
Employed	1,354	756	598	1,265	692	572	89	63	26
Agriculture	233	182	51	224	175	49	9	7	2
Nonagricultural industries	1,121	573	547	1,040	517	523	80	57	24
Unemployed	248	158	90	181	120	61	67	38	29
Unemployment rate	15.5	17.3	13.1	12.5	14.4	9.6	43.0	37.6	(1)
Not in labor force	5,538	2,722	2,816	4,459	2,207	2,253	1,078	515	563
Keeping house	247	40	207	178	31	147	69	9	60
Going to school	293	151	140	192	97	94	99	53	45
Unable to work	6	2	3	5	2	3	--	--	--
All other reasons	4,995	2,530	2,467	4,085	2,076	2,009	911	453	457

(1) Percent not shown where base is less than 75,000.

A-32. Employed 14- and 15-year-olds by class of worker, occupation, and sex

Class of worker and occupation	August 1982					
	Thousands of persons			Percent distribution		
	Both sexes	Males	Females	Both sexes	Males	Females
CLASS OF WORKER						
Total	1,354	756	598	100.0	100.0	100.0
Nonagricultural industries	1,121	573	547	82.8	75.8	91.3
Wage and salary workers	1,003	502	501	74.1	66.4	83.6
Private household workers	451	144	307	33.3	19.0	51.3
Government workers	96	48	39	4.9	6.3	3.2
Other wage and salary workers	456	311	175	35.9	41.1	29.2
Self-employed workers	99	59	40	7.3	7.8	6.7
Unpaid family workers	19	12	7	1.4	1.6	1.2
Agriculture	233	182	51	17.2	24.1	8.5
Wage and salary workers	140	106	34	10.3	14.0	5.7
Self-employed workers	31	30	1	2.3	4.0	.2
Unpaid family workers	62	46	16	4.6	6.1	2.7
OCCUPATION						
Total	1,354	756	598	100.0	100.0	100.0
White-collar workers	286	180	106	21.1	23.9	17.7
Professional and technical	22	9	13	1.6	1.2	2.2
Managers and administrators, except farm	3	3	--	.2	.4	--
Sales workers	197	148	49	14.5	19.6	8.2
Clerical workers	64	23	44	4.7	2.7	7.4
Blue-collar workers	317	305	12	23.4	40.5	2.0
Craft and kindred workers	25	25	--	1.8	3.3	--
Operatives, except transport	16	16	--	1.2	2.1	--
Transport equipment operatives	2	2	--	.1	.3	--
Nonfarm laborers	274	261	13	20.2	34.6	2.2
Service workers	568	132	437	41.9	17.5	73.1
Private household workers	332	18	313	24.5	2.4	52.3
Other service workers	237	113	124	17.5	15.0	20.6
Farm workers	182	139	43	13.4	18.4	7.2
Farmers and farm managers	6	6	--	.4	.8	--
Farm laborers and supervisors	176	133	43	13.0	17.6	7.2

HOUSEHOLD DATA
SEASONALLY ADJUSTED

A-33. Employment status of the noninstitutional population by sex and age, seasonally adjusted

(Numbers in thousands)

Employment status, sex, and age	1981					1982						
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
TOTAL												
Total noninstitutional population [1]	172,559	172,758	172,966	173,155	173,330	173,495	173,657	173,843	174,020	174,201	174,364	174,544
Armed Forces [1]	2,160	2,165	2,158	2,158	2,164	2,159	2,168	2,175	2,176	2,175	2,173	2,169
Civilian noninstitutional population [1]	170,399	170,593	170,809	170,996	171,166	171,335	171,489	171,667	171,844	172,026	172,190	172,364
Civilian labor force	108,818	108,494	109,012	109,272	109,184	108,879	109,165	109,346	109,648	110,466	110,191	110,522
Percent of civilian population	63.9	63.6	63.8	63.9	63.8	63.5	63.7	63.7	63.8	64.1	64.0	64.1
Employed	100,840	100,258	100,343	100,172	99,813	99,581	99,593	99,492	99,140	100,117	99,768	99,732
Percent of total population	58.4	58.0	58.0	57.9	57.5	57.4	57.3	57.2	57.1	57.5	57.2	57.1
Agriculture	3,404	3,358	3,378	3,372	3,209	3,411	3,373	3,369	3,109	3,488	3,357	3,460
Nonagricultural industries	97,436	96,900	96,965	96,800	96,604	96,170	96,217	96,123	96,032	96,629	96,406	96,272
Unemployed	7,978	8,236	8,669	9,100	9,371	9,298	9,575	9,854	10,307	10,349	10,427	10,790
Unemployment rate	7.3	7.6	8.0	8.3	8.6	8.5	8.8	9.0	9.4	9.5	9.5	9.8
Not in labor force	61,581	62,099	61,797	61,724	61,982	62,456	62,324	62,321	62,197	61,560	61,999	61,842
Males, 20 years and over												
Total noninstitutional population [1]	74,268	74,382	74,502	74,610	74,714	74,810	74,935	75,015	75,121	75,227	75,323	75,429
Civilian noninstitutional population [1]	72,559	72,670	72,795	72,921	73,020	73,120	73,209	73,287	73,392	73,499	73,585	73,685
Civilian labor force	57,250	57,262	57,355	57,459	57,665	57,368	57,449	57,554	57,730	58,164	58,016	58,084
Percent of civilian population	78.9	78.8	78.8	78.8	79.0	78.5	78.5	78.5	78.7	79.1	78.8	78.8
Employed	53,791	53,693	53,504	53,354	53,122	53,047	53,097	53,006	52,989	53,260	52,985	52,996
Percent of total population	72.4	72.2	71.8	71.5	71.1	70.9	70.9	70.7	70.5	70.8	70.3	70.3
Agriculture	2,422	2,383	2,413	2,382	2,311	2,390	2,386	2,377	2,382	2,464	2,424	2,474
Nonagricultural industries	51,369	51,310	51,091	50,972	50,811	50,657	50,711	50,629	50,606	50,796	50,561	50,522
Unemployed	3,459	3,569	3,851	4,105	4,543	4,322	4,351	4,548	4,742	4,904	5,031	5,088
Unemployment rate	6.0	6.2	6.7	7.1	7.9	7.5	7.6	7.9	8.2	8.4	8.7	8.8
Not in labor force	15,309	15,408	15,440	15,462	15,355	15,752	15,761	15,733	15,662	15,335	15,569	15,601
Females, 20 years and over												
Total noninstitutional population [1]	81,822	81,946	82,074	82,193	82,306	82,415	82,523	82,643	82,753	82,868	82,976	83,091
Civilian noninstitutional population [1]	81,671	81,792	81,920	82,038	82,151	82,260	82,367	82,478	82,591	82,707	82,811	82,926
Civilian labor force	42,666	42,344	42,831	42,987	42,888	42,868	43,031	43,243	43,301	43,683	43,904	44,076
Percent of civilian population	52.2	51.8	52.3	52.4	52.2	52.1	52.2	52.4	52.4	52.8	53.0	53.2
Employed	39,841	39,426	39,814	39,878	39,713	39,764	39,744	39,807	39,715	40,075	40,150	40,392
Percent of total population	48.7	48.1	48.5	48.5	48.3	48.2	48.2	48.2	48.0	48.4	48.6	48.6
Agriculture	609	608	598	635	572	649	629	636	601	634	581	600
Nonagricultural industries	39,232	38,818	39,218	39,243	39,141	39,115	39,116	39,172	39,114	39,441	39,569	39,791
Unemployed	2,825	2,918	3,017	3,109	3,175	3,104	3,286	3,435	3,586	3,608	3,554	3,684
Unemployment rate	6.6	6.9	7.0	7.2	7.4	7.2	7.6	7.9	8.3	8.3	8.1	8.4
Not in labor force	39,005	39,448	39,089	39,051	39,263	39,392	39,336	39,235	39,290	39,024	38,907	38,850
Both sexes, 16-19 years												
Total noninstitutional population [1]	16,469	16,429	16,390	16,351	16,310	16,269	16,228	16,185	16,146	16,106	16,065	16,024
Civilian noninstitutional population [1]	16,169	16,131	16,093	16,037	15,995	15,955	15,913	15,902	15,861	15,820	15,794	15,753
Civilian labor force	8,902	8,888	8,926	8,826	8,631	8,643	8,696	8,949	8,616	8,819	8,271	8,362
Percent of civilian population	55.1	55.1	55.8	55.0	54.0	54.2	54.6	53.8	54.3	55.7	52.4	53.1
Employed	7,208	7,139	7,025	6,940	6,778	6,771	6,748	6,679	6,617	6,782	6,429	6,344
Percent of total population	43.8	43.5	42.9	42.4	41.6	41.6	41.6	41.3	41.1	42.1	40.0	39.6
Agriculture	373	367	359	355	326	373	359	336	326	390	353	386
Nonagricultural industries	6,835	6,772	6,656	6,585	6,452	6,398	6,389	6,343	6,311	6,392	6,076	5,958
Unemployed	1,694	1,749	1,801	1,886	1,853	1,872	1,938	1,870	1,979	2,037	1,842	2,018
Unemployment rate	19.0	19.7	20.4	21.4	21.5	21.7	22.3	21.9	23.0	23.1	22.3	24.1
Not in labor force	7,267	7,243	7,267	7,211	7,364	7,312	7,227	7,353	7,245	7,001	7,523	7,391

[1] The population and Armed Forces figures are not adjusted for seasonal variations.

NOTE: Detail for the household data shown in tables A-33 through A-42 will sarily add to totals, because of the independent seasonal adjustment of the var

pages tightly bound

A-34. Full- and part-time status of the civilian labor force, seasonally adjusted

(Numbers in thousands)

Full- and part-time status	1981					1982							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.
FULL TIME													
Total, 16 years and over													
Civilian labor force	92,778	92,801	93,359	93,607	93,856	93,129	93,421	93,860	93,890	94,619	93,984	94,348	94,404
Employed	86,378	86,044	86,155	86,062	85,729	85,324	85,523	85,505	85,289	85,903	85,112	85,406	85,337
Unemployed	6,400	6,757	7,204	7,545	8,127	7,805	7,897	8,355	8,601	8,717	8,873	8,942	9,067
Unemployment rate	6.9	7.3	7.7	8.1	8.7	8.4	8.5	8.9	9.2	9.2	9.4	9.5	9.6
PART TIME													
Total, 16 years and over													
Civilian labor force	16,071	15,662	15,690	15,721	15,399	15,853	15,632	15,470	15,336	15,911	16,167	16,215	16,225
Employed	14,525	14,160	14,198	14,125	13,982	14,337	13,951	13,926	14,112	14,237	14,584	14,371	14,552
Unemployed	1,546	1,502	1,492	1,596	1,417	1,515	1,681	1,544	1,724	1,674	1,583	1,844	1,672
Unemployment rate	9.6	9.6	9.5	10.2	9.2	9.6	10.8	10.0	10.9	10.5	9.8	11.4	10.3

NOTE: Persons on part-time schedules for economic reasons are included in the full-time employed category; unemployed persons are allocated by whether seeking full- or part-time work.

A-35. Employment status by race, sex, and age, seasonally adjusted

(Numbers in thousands)

Race, sex, and age	1981					1982							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.
WHITE													
Total, 16 years and over													
Civilian labor force	95,163	94,884	95,365	95,535	95,329	95,120	95,333	95,508	96,015	96,641	96,223	96,493	96,414
Employed	89,221	88,628	88,734	88,498	88,010	87,955	87,990	87,956	87,988	88,450	88,173	88,137	88,133
Unemployed	5,942	6,256	6,631	7,037	7,319	7,165	7,344	7,552	8,026	8,191	8,050	8,356	8,281
Unemployment rate	6.2	6.6	7.0	7.4	7.7	7.5	7.7	7.9	8.4	8.5	8.4	8.7	8.6
Males, 20 years and over													
Civilian labor force	50,701	53,712	50,811	50,881	50,948	50,757	50,812	50,903	51,124	51,394	51,252	51,292	51,269
Employed	48,050	47,948	47,790	47,649	47,449	47,410	47,430	47,351	47,393	47,535	47,300	47,256	47,202
Unemployed	2,651	2,764	3,021	3,232	3,499	3,347	3,382	3,552	3,731	3,859	3,952	4,037	4,067
Unemployment rate	5.2	5.5	5.9	6.4	6.9	6.6	6.7	7.0	7.3	7.5	7.7	7.9	7.9
Females, 20 years and over													
Civilian labor force	38,554	38,294	38,742	38,832	38,733	38,698	38,860	38,038	37,179	37,428	37,619	37,845	37,715
Employed	34,534	34,155	34,517	34,513	34,368	34,380	34,427	34,475	34,489	34,682	34,944	35,067	35,033
Unemployed	2,020	2,139	2,225	2,319	2,365	2,319	2,433	2,564	2,690	2,746	2,675	2,777	2,683
Unemployment rate	5.5	5.9	6.1	6.3	6.4	6.3	6.6	6.9	7.2	7.3	7.1	7.3	7.1
Both sexes, 16 to 19 years													
Civilian labor force	7,908	7,878	7,812	7,822	7,648	7,665	7,662	7,567	7,712	7,819	7,352	7,356	7,429
Employed	6,637	6,525	6,427	6,336	6,193	6,166	6,133	6,130	6,106	6,233	5,929	5,814	5,899
Unemployed	1,271	1,353	1,385	1,486	1,455	1,499	1,529	1,437	1,606	1,586	1,423	1,542	1,530
Unemployment rate	16.1	17.2	17.7	19.0	19.0	19.6	20.0	19.0	20.8	20.3	19.4	21.0	20.6
BLACK AND OTHER													
Total, 16 years and over													
Civilian labor force	13,632	13,617	13,697	13,757	13,773	13,704	13,857	13,810	13,768	14,097	13,947	14,027	14,232
Employed	11,624	11,607	11,611	11,661	11,610	11,632	11,653	11,515	11,446	11,669	11,560	11,594	11,738
Unemployed	2,008	2,010	2,086	2,096	2,163	2,072	2,204	2,294	2,322	2,429	2,387	2,433	2,494
Unemployment rate	14.7	14.8	15.2	15.2	15.7	15.1	15.9	16.6	16.9	17.2	17.1	17.3	17.5
Males, 20 years and over													
Civilian labor force	6,556	6,551	6,573	6,595	6,614	6,563	6,649	6,620	6,704	6,759	6,762	6,784	6,797
Employed	5,745	5,715	5,711	5,694	5,647	5,630	5,688	5,622	5,667	5,709	5,688	5,720	5,703
Unemployed	811	836	862	901	967	933	961	998	1,037	1,050	1,075	1,063	1,093
Unemployment rate	12.4	12.8	13.1	13.7	14.6	14.2	14.5	15.1	15.5	15.5	15.9	15.7	16.1
Females, 20 years and over													
Civilian labor force	6,087	6,085	6,096	6,147	6,163	6,152	6,163	6,199	6,145	6,324	6,273	6,247	6,373
Employed	5,313	5,281	5,301	5,359	5,355	5,388	5,338	5,321	5,248	5,407	5,387	5,350	5,474
Unemployed	774	804	795	788	808	764	826	878	897	917	887	897	898
Unemployment rate	12.7	13.2	13.0	12.8	13.1	12.4	13.4	14.2	14.6	14.5	14.1	14.4	14.1
Both sexes, 16 to 19 years													
Civilian labor force	989	981	1,028	1,015	996	989	1,044	991	919	1,014	912	997	1,066
Employed	566	611	599	608	588	614	627	573	531	553	486	524	561
Unemployed	423	370	429	407	388	375	417	418	388	461	426	473	505
Unemployment rate	42.8	37.7	41.7	40.1	39.0	37.9	39.9	42.2	42.2	45.5	46.7	47.4	47.4

HOUSEHOLD DATA
SEASONALLY ADJUSTED

A-36. Major unemployment indicators, seasonally adjusted

(Unemployment rates)

Category	1981					1982							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.
CHARACTERISTIC													
Total (all civilian workers)	7.3	7.6	8.0	8.3	8.4	8.5	8.8	9.0	9.4	9.5	9.5	9.8	9.8
Males, 20 years and over	6.0	6.2	6.7	7.1	7.3	7.5	7.8	7.9	8.2	8.4	8.7	8.8	8.9
Females, 20 years and over	6.6	6.9	7.0	7.2	7.4	7.2	7.6	7.9	8.3	8.3	8.1	8.4	8.2
Both sexes, 16-19 years	19.0	19.7	20.4	21.4	21.5	21.7	22.3	21.9	23.0	23.1	22.3	24.1	24.9
White	6.2	6.6	7.0	7.4	7.7	7.5	7.7	7.9	8.4	8.5	8.4	8.7	8.5
Black and other	14.7	14.8	15.2	15.2	15.7	15.1	15.9	16.6	16.9	17.2	17.1	17.3	17.5
Married men, spouse present	4.8	4.9	4.8	5.2	5.7	5.3	5.3	5.5	6.0	6.1	6.5	6.6	6.7
Married women, spouse present	5.5	6.0	6.1	6.5	6.6	6.2	7.0	7.1	7.8	7.8	7.0	7.4	7.1
Women who maintain families	10.1	10.7	10.6	10.8	10.5	10.4	10.2	10.6	11.5	11.8	12.4	12.0	11.6
Full-time workers	6.9	7.3	7.7	8.1	8.7	8.4	8.5	8.9	9.2	9.2	9.4	9.5	9.5
Part-time workers	9.6	9.6	9.5	10.2	9.2	9.6	10.8	10.3	10.9	10.5	9.8	11.4	10.3
Unemployed 15 weeks and over[1]	2.3	2.1	2.1	2.2	2.2	2.2	2.5	2.7	2.7	3.0	3.3	3.2	3.3
Labor force time lost[2]	7.9	8.5	9.1	9.5	10.1	10.0	9.8	10.4	10.4	11.1	10.2	10.7	10.7
OCCUPATION													
White-collar workers	3.9	4.1	4.1	4.2	4.5	4.2	4.6	4.8	4.9	4.8	5.0	4.9	4.8
Professional and technical	2.5	2.6	2.6	2.7	3.4	2.9	3.1	3.2	3.2	3.3	3.3	3.3	3.1
Managers and administrators, except farm	2.7	2.7	2.8	3.0	3.1	2.7	3.1	3.0	3.3	3.5	3.8	3.7	3.9
Sales workers	4.7	5.0	4.9	5.0	4.9	4.5	4.8	5.8	5.6	5.2	5.8	5.4	5.3
Clerical workers	5.7	5.6	6.0	6.0	6.2	6.3	6.7	6.3	7.2	6.8	6.9	6.9	6.7
Blue-collar workers	9.5	10.2	10.9	11.8	12.7	12.5	12.5	12.9	13.7	13.5	13.9	14.4	14.2
Craft and kindred workers	7.0	7.7	8.3	8.5	9.3	9.0	8.4	9.1	9.6	9.4	10.3	10.9	10.4
Operatives, except transport	11.1	11.6	12.8	14.1	15.5	15.4	15.4	15.9	16.9	16.5	16.7	17.4	17.5
Transport equipment operatives	8.0	8.7	8.0	10.4	10.5	10.2	10.3	10.4	10.7	11.8	13.0	11.6	12.5
Nonfarm laborers	13.2	14.6	15.6	16.0	16.9	16.9	17.9	17.9	19.4	18.3	17.9	18.6	17.4
Service workers	8.9	9.0	9.3	9.7	9.6	9.2	9.8	10.2	11.1	11.3	9.9	10.5	10.6
Farm workers	5.4	4.0	6.2	6.2	6.4	6.9	4.9	5.4	5.8	6.3	7.2	6.1	6.9
INDUSTRY													
Nonagricultural private wage and salary workers[1]	7.3	7.7	8.1	8.4	8.1	8.6	9.0	9.5	9.9	9.9	10.0	10.2	10.1
Construction	16.2	16.3	17.6	17.8	18.1	18.7	18.1	17.9	19.4	18.8	19.2	20.3	20.3
Manufacturing	7.0	7.9	8.6	9.4	11.0	10.4	10.6	10.8	11.3	11.6	12.3	12.0	12.1
Durable goods	6.5	7.7	8.6	9.5	11.8	11.0	11.3	11.8	11.9	12.2	13.2	12.7	12.9
Nondurable goods	7.9	8.3	8.6	9.3	9.6	9.5	9.5	10.8	10.5	10.7	11.0	11.0	10.8
Transportation	4.8	4.2	4.8	5.5	6.3	6.4	5.9	5.6	7.0	6.5	6.9	6.1	7.0
Wholesale and retail trade	7.9	8.5	8.4	8.6	8.9	8.7	9.0	10.3	10.1	10.6	9.7	10.5	9.8
Finance and service industries	5.7	6.0	6.2	6.1	6.4	5.9	6.5	6.9	7.0	6.9	6.8	7.0	7.0
Government workers	4.5	4.7	4.7	5.2	5.0	4.8	5.2	4.9	5.3	5.0	4.6	4.6	4.5
Agricultural wage and salary workers	12.0	11.0	13.4	14.1	14.6	16.2	12.8	14.0	14.6	16.2	16.3	13.8	14.3

[1] Unemployment as a percent of the civilian labor force

[2] Aggregate hours lost by the unemployed and persons on part time for economic reasons as a percent of potentially available labor force hours

[3] Includes mining, not shown separately

A-37. Unemployed persons by duration of unemployment, seasonally adjusted

(Numbers in thousands)

Weeks of unemployment	1981					1982							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.
DURATION													
Less than 5 weeks	3,326	3,529	3,737	3,852	4,037	3,852	3,789	3,845	3,958	3,874	3,542	3,990	3,921
5 to 14 weeks	2,469	2,585	2,686	2,862	3,016	3,068	3,052	3,078	3,304	3,320	3,456	3,161	3,324
15 weeks and over	2,217	2,248	2,292	2,364	2,372	2,399	2,724	2,954	3,015	3,286	3,673	3,580	3,631
15 to 26 weeks	1,078	1,146	1,166	1,229	1,189	1,210	1,445	1,605	1,508	1,634	1,926	1,752	1,813
27 weeks and over	1,139	1,102	1,126	1,135	1,183	1,190	1,278	1,349	1,507	1,652	1,747	1,828	1,821
Average (mean) duration, in weeks	14.3	13.7	13.6	13.1	12.8	13.5	14.1	13.9	14.2	14.6	15.5	15.6	16.2
Median duration, in weeks	7.0	6.9	6.8	6.9	6.7	7.2	7.3	7.6	8.5	9.0	9.8	8.3	8.4
PERCENT DISTRIBUTION													
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5 weeks	41.5	42.2	42.7	42.3	42.8	41.3	39.6	38.8	38.5	37.0	33.2	37.2	36.1
5 to 14 weeks	30.8	30.9	30.9	31.7	32.0	32.9	31.9	31.2	32.1	31.7	32.4	29.5	30.6
15 weeks and over	27.7	26.9	26.4	26.0	25.2	25.7	28.5	30.0	29.3	31.4	34.4	33.4	33.4
15 to 26 weeks	13.5	13.7	13.4	13.5	12.6	13.0	15.1	16.3	14.7	15.6	18.1	16.3	16.7
27 weeks and over	14.2	13.2	13.0	12.5	12.6	12.8	13.4	13.7	14.7	15.8	17.3	17.1	16.7

A-38. Unemployment rates by sex and age, seasonally adjusted

Sex and age	1981					1982							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.
Total, 16 years and over	7.3	7.6	8.0	8.3	8.8	8.5	8.8	9.3	9.4	9.5	9.5	9.8	9.8
16 to 19 years	19.0	19.7	20.6	21.4	21.5	21.7	22.1	21.9	23.0	23.1	22.1	24.1	24.0
16 to 17 years	20.8	21.4	21.5	22.6	23.9	23.9	24.7	22.7	24.6	25.1	23.7	26.1	25.6
18 to 19 years	17.6	18.5	20.0	20.5	21.4	21.3	22.0	21.8	21.9	21.5	21.9	22.8	22.6
20 to 24 years	12.1	12.3	12.7	13.0	13.5	13.5	14.1	14.2	14.7	14.3	14.4	14.5	15.2
25 years and over	5.4	5.4	5.7	6.0	6.5	6.3	6.4	6.8	7.0	7.1	7.4	7.5	7.6
25 to 54 years	5.5	5.8	6.2	6.5	6.8	6.7	6.8	7.1	7.4	7.7	7.7	7.9	7.8
55 years and over	3.5	3.8	3.8	3.8	4.1	4.2	4.3	4.6	5.0	4.8	5.4	5.2	5.1
Men, 16 years and over	7.1	7.3	7.7	8.3	9.0	8.6	8.7	9.0	9.4	9.6	9.7	9.9	10.2
16 to 19 years	19.6	19.9	20.1	21.6	22.1	22.1	22.5	23.5	24.4	24.0	24.2	25.1	25.1
16 to 17 years	21.5	21.5	21.1	22.7	23.6	23.8	23.9	24.3	24.7	26.3	25.8	26.1	27.1
18 to 19 years	16.3	16.7	19.3	21.0	22.2	21.4	22.1	22.9	24.3	21.9	24.0	23.4	23.4
20 to 24 years	12.9	13.1	13.8	14.4	14.8	14.9	15.4	15.7	16.0	15.5	15.8	15.9	16.5
25 years and over	4.9	5.0	5.5	5.8	6.5	6.3	6.3	6.6	6.9	6.9	7.5	7.5	7.5
25 to 54 years	5.2	5.5	5.9	6.3	6.9	6.7	6.7	7.1	7.2	7.5	8.0	8.1	8.3
55 years and over	3.4	3.5	3.7	3.7	4.4	4.3	4.2	4.8	5.1	4.7	5.0	4.8	5.0
Women, 16 years and over	7.7	8.0	8.2	8.4	8.5	8.4	8.9	9.0	9.4	9.5	9.1	9.6	9.5
16 to 19 years	18.4	19.5	20.7	20.9	20.5	21.2	21.1	20.1	21.1	22.1	20.2	23.1	22.6
16 to 17 years	20.3	21.2	21.9	22.5	21.1	23.6	22.5	20.8	24.5	24.1	21.4	26.1	24.2
18 to 19 years	16.9	18.3	20.6	19.9	20.0	21.1	21.9	19.6	19.4	20.6	19.7	22.2	21.8
20 to 24 years	11.1	11.4	11.5	11.3	12.0	11.9	12.7	12.6	13.3	12.9	12.9	12.9	13.7
25 years and over	5.6	6.0	6.1	6.4	6.4	6.3	6.5	7.0	7.2	7.4	7.2	7.6	7.3
25 to 54 years	6.0	6.3	6.5	6.8	6.9	6.7	7.0	7.4	7.7	8.0	7.6	7.7	7.5
55 years and over	3.7	4.1	4.0	3.8	3.7	4.1	4.1	4.3	4.8	5.0	4.8	4.8	4.9

A-39. Unemployed persons by reason for unemployment, seasonally adjusted

(Numbers in thousands)

Reason for unemployment	1981					1982							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.
NUMBER OF UNEMPLOYED													
Both sexes, 16 years and over													
Job losers	4,100	4,436	4,221	4,980	5,383	5,295	5,153	5,622	5,906	5,901	6,102	6,127	6,161
On layoff	1,276	1,452	1,611	1,825	2,062	1,962	1,769	1,828	1,946	1,969	2,071	2,079	2,169
Other job losers	2,830	2,974	2,594	3,079	3,301	3,345	3,413	3,794	3,959	3,932	4,031	4,048	4,167
Job leavers	875	921	976	916	923	885	964	885	917	879	833	833	804
Reentrants	2,934	2,958	3,178	3,339	3,249	2,979	2,777	2,749	2,765	2,938	2,772	2,528	2,943
New entrants	971	927	1,092	996	1,021	1,035	1,190	1,048	1,081	1,154	1,088	1,049	1,128
PERCENT DISTRIBUTION													
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers	51.4	52.6	52.4	51.6	50.1	49.7	50.1	53.9	53.4	56.9	59.6	57.4	58.1
On layoff	16.0	17.2	18.7	18.9	19.4	18.5	16.1	16.7	16.3	19.0	19.6	16.1	20.2
Other job losers	35.4	35.5	33.7	33.6	34.6	35.5	35.9	36.2	35.5	37.5	40.0	38.1	38.2
Job leavers	11.0	11.0	11.4	10.0	9.7	9.4	8.8	9.0	9.1	8.6	7.7	7.5	7.4
Reentrants	25.5	24.6	25.0	25.5	23.5	22.7	24.0	22.9	23.0	23.5	22.4	23.5	22.1
New entrants	12.2	11.7	11.5	10.9	10.7	11.5	11.6	10.7	10.5	11.1	10.3	11.6	12.2
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE													
Job losers	3.8	4.1	4.0	4.5	4.9	4.8	4.7	5.1	5.4	5.3	5.7	5.6	5.7
Job leavers	.8	.8	.9	.8	.8	.8	.9	.8	.9	.8	.7	.7	.7
Reentrants	1.9	1.9	2.0	2.1	2.1	1.9	2.1	2.1	2.2	2.2	2.2	2.3	2.2
New entrants	.9	.9	.9	.9	.9	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.2

HOUSEHOLD DATA
SEASONALLY ADJUSTED

A-40 Employed persons by sex and age, seasonally adjusted

(In thousands)

Sex and age	1981					1982							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.
Total, 16 years and over	100,840	100,258	100,383	100,172	99,613	99,581	99,590	99,492	99,340	100,117	99,764	99,732	99,839
16 to 19 years	7,208	7,139	7,025	6,940	6,778	6,771	6,748	6,679	6,637	6,782	6,829	6,384	6,463
16 to 17 years	2,840	2,836	2,769	2,769	2,709	2,705	2,693	2,642	2,610	2,629	2,389	2,342	2,397
18 to 19 years	4,345	4,326	4,260	4,192	4,088	4,065	4,067	4,060	4,027	4,167	4,013	3,998	4,061
20 to 24 years	14,194	14,086	14,078	13,970	13,935	13,816	13,788	13,811	13,730	13,820	13,776	13,723	13,642
25 years and over	79,453	79,028	79,228	79,202	78,881	78,960	79,045	78,978	78,973	79,509	79,598	79,696	79,784
25 to 54 years	65,014	64,676	64,829	64,869	64,567	64,722	64,853	64,648	64,670	65,069	65,197	65,345	65,483
55 years and over	14,471	14,372	14,377	14,337	14,332	14,282	14,158	14,299	14,298	14,449	14,379	14,392	14,327
Males, 16 years and over	57,551	57,471	57,266	57,051	56,725	56,629	56,658	56,472	56,401	56,820	56,223	56,192	56,210
16 to 19 years	3,760	3,778	3,762	3,697	3,603	3,582	3,561	3,466	3,412	3,560	3,238	3,196	3,323
16 to 17 years	1,501	1,533	1,522	1,495	1,448	1,446	1,439	1,387	1,385	1,417	1,237	1,174	1,244
18 to 19 years	2,257	2,266	2,241	2,208	2,163	2,134	2,123	2,094	2,020	2,158	1,985	2,023	2,069
20 to 24 years	7,562	7,523	7,449	7,373	7,380	7,321	7,288	7,246	7,208	7,281	7,194	7,237	7,175
25 years and over	46,294	46,160	46,046	45,940	45,709	45,686	45,785	45,762	45,782	45,967	45,838	45,764	45,744
25 to 54 years	37,565	37,519	37,406	37,364	37,092	37,127	37,235	37,173	37,194	37,351	37,227	37,189	37,269
55 years and over	8,679	8,658	8,621	8,590	8,608	8,582	8,523	8,578	8,591	8,641	8,629	8,576	8,463
Females, 16 years and over	43,289	42,787	43,077	43,121	42,888	42,952	42,932	43,020	42,940	43,297	43,541	43,540	43,630
16 to 19 years	3,448	3,361	3,263	3,243	3,175	3,189	3,187	3,213	3,225	3,222	3,191	3,188	3,140
16 to 17 years	1,339	1,303	1,247	1,273	1,255	1,259	1,251	1,255	1,225	1,212	1,152	1,168	1,153
18 to 19 years	2,088	2,060	2,019	1,984	1,925	1,931	1,944	1,966	2,007	2,009	2,028	1,975	1,992
20 to 24 years	6,632	6,563	6,629	6,587	6,555	6,495	6,503	6,565	6,523	6,539	6,584	6,486	6,467
25 years and over	33,209	32,868	33,182	33,262	33,172	33,274	33,259	33,216	33,192	33,542	33,760	33,932	34,040
25 to 54 years	27,449	27,157	27,423	27,504	27,475	27,595	27,618	27,475	27,476	27,718	27,970	28,155	28,214
55 years and over	5,792	5,714	5,756	5,747	5,724	5,701	5,635	5,721	5,707	5,808	5,750	5,816	5,863

A-41 Unemployed persons by sex and age, seasonally adjusted

(In thousands)

Sex and age													
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.
Total, 16 years and over	7,978	8,236	8,669	9,100	9,571	9,298	9,575	9,854	10,307	10,549	10,427	10,790	10,805
16 to 19 years	1,694	1,749	1,801	1,886	1,853	1,872	1,938	1,870	1,979	2,037	1,842	2,018	2,040
16 to 17 years	746	772	757	808	759	760	792	775	851	891	742	829	834
18 to 19 years	931	983	1,062	1,080	1,098	1,098	1,149	1,099	1,130	1,126	1,126	1,182	1,184
20 to 24 years	1,949	1,972	2,054	2,088	2,168	2,161	2,271	2,293	2,379	2,303	2,321	2,335	2,454
25 years and over	4,328	4,540	4,828	5,091	5,481	5,282	5,401	5,748	5,962	6,095	6,326	6,428	6,288
25 to 54 years	3,819	4,010	4,255	4,536	4,804	4,649	4,756	5,066	5,186	5,428	5,474	5,625	5,543
55 years and over	526	572	574	562	620	624	630	691	752	732	824	797	770
Males, 16 years and over	4,385	4,506	4,738	5,133	5,578	5,338	5,384	5,610	5,846	6,029	6,065	6,161	6,250
16 to 19 years	926	937	947	1,028	1,035	1,016	1,033	1,062	1,104	1,125	1,034	1,073	1,111
16 to 17 years	411	421	408	438	424	433	429	445	454	506	429	458	466
18 to 19 years	505	521	537	587	616	581	604	621	647	606	628	618	633
20 to 24 years	1,120	1,131	1,194	1,245	1,278	1,284	1,324	1,346	1,377	1,333	1,367	1,371	1,426
25 years and over	2,361	2,455	2,670	2,834	3,199	3,055	3,071	3,267	3,383	3,422	3,726	3,698	3,726
25 to 54 years	2,067	2,173	2,346	2,522	2,762	2,662	2,675	2,820	2,895	3,031	3,225	3,265	3,259
55 years and over	303	317	333	333	397	383	377	431	461	428	457	428	485
Females, 16 years and over	3,593	3,730	3,871	3,967	3,993	3,960	4,191	4,243	4,461	4,520	4,362	4,629	4,555
16 to 19 years	768	812	854	858	818	856	905	808	875	912	808	945	929
16 to 17 years	335	351	349	370	335	327	363	330	397	385	313	371	368
18 to 19 years	426	462	505	493	482	517	545	478	483	520	498	564	551
20 to 24 years	829	841	860	843	890	877	947	947	998	969	974	964	1,029
25 years and over	1,967	2,085	2,158	2,257	2,282	2,228	2,330	2,561	2,578	2,673	2,600	2,730	2,562
25 to 54 years	1,752	1,837	1,909	2,014	2,042	1,987	2,081	2,246	2,291	2,397	2,249	2,360	2,284
55 years and over	223	255	241	229	223	241	253	263	291	304	367	369	285

A-42. Employed persons by selected social and economic categories, seasonally adjusted

(In thousands)

Category	1981					1982							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.
CHARACTERISTIC													
Total, 16 years and over	100840	100258	100343	100172	99,613	99,581	99,590	99,492	99,340	100117	99,764	99,732	99,839
Married men, spouse present	38,961	38,855	38,746	38,553	38,342	38,274	38,255	38,181	38,142	38,312	38,354	38,213	38,184
Married women, spouse present	24,043	23,826	23,874	23,820	23,691	23,744	23,727	23,900	23,831	24,213	24,401	24,223	24,300
OCCUPATION													
White-collar workers	53,141	52,908	53,199	53,086	53,084	52,836	52,841	52,763	53,177	53,705	53,586	53,685	53,750
Professional and technical	16,621	16,598	16,681	16,657	16,774	16,803	16,812	16,659	16,848	16,818	17,053	17,292	17,023
Managers and administrators, except farm	11,460	11,533	11,616	11,461	11,424	11,391	11,253	11,311	11,501	11,541	11,504	11,355	11,613
Sales workers	6,490	6,441	6,400	6,418	6,450	6,520	6,544	6,637	6,603	6,587	6,547	6,567	6,677
Clerical workers	18,570	18,336	18,502	18,550	18,436	18,423	18,432	18,155	18,229	18,759	18,482	18,471	18,437
Blue-collar workers	31,611	31,266	30,953	30,683	30,344	30,203	30,309	30,416	29,924	29,926	29,716	29,609	29,465
Craft and kindred workers	12,724	12,514	12,446	12,411	12,446	12,370	12,454	12,511	12,492	12,316	12,207	12,229	12,342
Operatives, except transport	10,658	10,524	10,410	10,220	10,169	9,966	9,955	9,860	9,688	9,585	9,655	9,453	9,257
Transport equipment operatives	3,530	3,506	3,580	3,438	3,368	3,415	3,503	3,397	3,400	3,419	3,414	3,439	3,268
Nonfarm laborers	4,699	4,722	4,517	4,614	4,361	4,451	4,397	4,648	4,343	4,607	4,441	4,488	4,598
Service workers	13,282	13,391	13,525	13,670	13,639	13,709	13,612	13,526	13,555	13,738	13,791	13,634	13,926
Farm workers	4,753	4,743	4,770	4,902	4,660	4,817	4,787	4,713	4,623	4,731	4,660	4,750	4,711
MAJOR INDUSTRY AND CLASS OF WORKER													
Agriculture													
Wage and salary workers	1,501	1,461	1,502	1,436	1,352	1,377	1,426	1,416	1,423	1,541	1,431	1,530	1,568
Self-employed workers	1,638	1,643	1,631	1,641	1,602	1,674	1,596	1,644	1,664	1,698	1,676	1,674	1,613
Unpaid family workers	256	256	261	321	228	380	359	277	270	236	251	250	254
Nonagricultural industries													
Wage and salary workers	89,995	89,376	89,460	89,238	88,991	88,759	88,586	88,526	88,322	89,051	88,606	88,541	88,737
Government	15,526	15,475	15,491	15,397	15,585	15,578	15,527	15,492	15,453	15,422	15,635	15,443	15,569
Private industries	74,469	73,901	73,969	73,841	73,406	73,181	73,059	73,034	72,869	73,629	72,970	73,098	73,168
Private households	1,259	1,102	1,162	1,204	1,291	1,248	1,161	1,225	1,192	1,202	1,201	1,200	1,242
Other industries	73,210	72,799	72,807	72,637	72,115	71,932	71,898	71,809	71,677	72,427	71,770	71,898	71,927
Self-employed workers	7,103	7,217	7,152	7,141	7,057	6,971	7,055	7,126	7,284	7,269	7,319	7,268	7,352
Unpaid family workers	387	399	451	425	410	410	408	436	413	382	397	390	409
PERSONS AT WORK[1]													
Nonagricultural industries	91,569	90,878	91,384	91,323	90,922	90,125	90,892	90,548	90,596	91,282	91,020	90,501	90,508
Full time schedules	74,467	73,794	73,886	73,915	73,363	72,803	73,028	72,649	72,335	73,036	72,662	72,430	72,112
Part time for economic reasons	4,250	4,656	5,009	5,026	5,288	5,071	5,563	5,717	5,834	5,763	5,444	5,492	5,648
Usually work full time	1,729	1,759	2,006	1,945	2,121	1,783	2,193	2,237	2,223	2,211	2,064	2,001	2,054
Usually work part time	2,621	2,897	3,003	3,081	3,167	3,287	3,370	3,480	3,611	3,552	3,380	3,491	3,594
Part time for noneconomic reasons	12,752	12,428	12,489	12,382	12,274	12,251	12,300	12,183	12,427	12,483	12,914	12,579	12,748

[1] Excludes persons "with a job but not at work" during the survey period for such reasons as vacation, illness, or industrial dispute.

HOUSEHOLD DATA

A-43. Employment status of male Vietnam-era veterans and nonveterans by age

(Numbers in thousands)

Veteran status and age	Not seasonally adjusted									
	Civilian noninstitutional population		Civilian labor force							
			Total		Employed		Unemployed			
							Number		Percent of labor force	
	Aug. 1981	Aug. 1982	Aug. 1981	Aug. 1982	Aug. 1981	Aug. 1982	Aug. 1981	Aug. 1982	Aug. 1981	Aug. 1982
VETERANS										
Total, 25 years and over	8,581	8,704	8,181	8,209	7,767	7,587	414	622	5.1	7.6
25 to 39 years	7,318	7,109	7,076	6,824	6,699	6,263	377	561	5.3	8.2
25 to 29 years	1,459	1,177	1,377	1,117	1,260	968	117	149	8.5	13.3
30 to 34 years	3,286	2,882	3,201	2,757	3,047	2,538	154	219	4.8	7.9
35 to 39 years	2,573	3,050	2,498	2,950	2,392	2,757	106	193	4.2	6.5
40 years and over	1,263	1,595	1,105	1,385	1,068	1,324	37	61	3.3	4.4
NONVETERANS										
Total, 25 to 39 years	17,331	18,337	16,378	17,384	15,454	15,837	924	1,577	5.6	9.1
25 to 29 years	7,899	8,204	7,474	7,759	6,970	6,924	504	835	6.7	10.8
30 to 34 years	5,561	6,031	5,259	5,720	4,948	5,287	311	433	5.9	7.6
35 to 39 years	3,871	4,102	3,645	3,905	3,536	3,596	109	309	3.0	7.9

NOTE: Vietnam-era veterans are males who served in the Armed Forces between August 5, 1964 and May 7, 1975. Nonveterans are males who have never served in the Armed Forces; published data are limited to those 25 to 39 years of age, the group that most closely corresponds to the bulk of the Vietnam-era veteran population.

B-1. Employees on nonagricultural payrolls by industry division, 1930 to date

(In thousands)

Year and month	Total	Goods producing				Service producing								
		Total	Mining	Construction	Manufacturing	Total	Transportation and public utilities	Wholesale and retail trade			Finance, insurance, and real estate	Services	Government		
								Total	Wholesale trade	Retail trade			Total	Federal	State and local
Annual averages															
1930	29,409	11,958	1,009	1,387	9,562	17,451	3,685	5,797	–	–	1,460	3,361	3,148	526	2,622
1931	26,835	10,272	873	1,229	8,170	16,363	3,254	5,284	–	–	1,392	3,169	3,264	560	2,704
1932	23,615	8,647	731	985	6,931	14,968	2,816	4,683	–	–	1,326	2,918	3,225	559	2,666
1933	23,699	8,965	744	824	7,397	14,734	2,672	4,755	–	–	1,280	2,861	3,166	565	2,601
1934	25,940	10,361	883	877	8,501	15,579	2,750	5,281	–	–	1,304	3,045	3,299	652	2,647
1935	27,039	10,893	897	927	9,069	16,146	2,786	5,431	–	–	1,320	3,128	3,481	753	2,728
1936	29,068	11,933	946	1,160	9,827	17,135	2,973	5,809	–	–	1,373	3,312	3,668	826	2,842
1937	31,011	12,936	1,015	1,127	10,794	18,075	3,134	6,265	–	–	1,417	3,503	3,756	833	2,923
1938	29,194	11,401	891	1,070	9,440	17,793	2,863	6,179	–	–	1,410	3,458	3,883	829	3,054
1939	30,603	12,297	854	1,165	10,278	18,306	2,936	6,426	1,762	4,664	1,447	3,502	3,995	905	3,090
1940	32,361	13,221	923	1,311	10,985	19,140	3,038	6,750	1,835	4,914	1,485	3,665	4,202	996	3,206
1941	36,539	15,963	957	1,814	13,192	20,574	3,274	7,210	1,960	5,251	1,525	3,905	4,660	1,340	3,320
1942	40,106	18,470	992	2,198	15,280	21,636	3,460	7,118	1,906	5,212	1,509	4,066	5,483	2,213	3,270
1943	42,434	20,114	923	1,587	17,602	22,320	3,647	6,982	1,822	5,160	1,481	4,130	6,080	2,905	3,175
1944	41,864	19,328	892	1,108	17,328	22,536	3,829	7,058	1,845	5,214	1,461	4,145	6,043	2,928	3,116
1945	40,374	17,507	836	1,147	15,524	22,867	3,906	7,314	1,949	5,365	1,481	4,222	5,944	2,808	3,137
1946	41,652	17,248	862	1,683	14,703	24,404	4,061	8,376	2,291	6,084	1,675	4,697	5,595	2,254	3,341
1947	43,857	18,509	955	2,009	15,545	25,348	4,166	8,955	2,471	6,485	1,728	5,025	5,474	1,892	3,582
1948	44,866	18,774	994	2,198	15,582	26,092	4,189	9,272	2,605	6,667	1,800	5,181	5,650	1,863	3,787
1949	43,754	17,565	930	2,194	14,441	26,189	4,001	9,264	2,602	6,662	1,828	5,240	5,856	1,908	3,948
1950	45,197	18,506	901	2,364	15,241	26,691	4,034	9,386	2,635	6,751	1,888	5,357	6,026	1,928	4,098
1951	47,819	19,959	929	2,637	16,393	27,860	4,226	9,742	2,727	7,015	1,956	5,547	6,389	2,302	4,087
1952	48,793	20,198	898	2,668	16,632	28,595	4,248	10,004	2,812	7,192	2,035	5,699	6,609	2,420	4,188
1953	50,202	21,074	866	2,659	17,549	29,128	4,290	10,247	2,854	7,393	2,111	5,835	6,645	2,305	4,340
1954	48,990	19,751	791	2,646	16,314	29,239	4,084	10,235	2,867	7,368	2,200	5,969	6,751	2,188	4,563
1955	50,641	20,513	792	2,839	16,882	30,128	4,141	10,535	2,926	7,610	2,298	6,240	6,914	2,187	4,727
1956	52,369	21,104	822	3,039	17,243	31,266	4,244	10,858	3,018	7,840	2,389	6,497	7,278	2,209	5,069
1957	52,853	20,966	828	2,962	17,174	31,889	4,241	10,886	3,028	7,858	2,438	6,708	7,616	2,217	5,399
1958	51,324	19,513	751	2,817	15,945	31,811	3,976	10,750	2,980	7,770	2,481	6,765	7,839	2,191	5,648
1959[1]	53,268	20,411	732	3,004	16,675	32,857	4,011	11,127	3,082	8,045	2,549	7,087	8,083	2,233	5,850
1960	54,189	20,434	712	2,926	16,796	33,755	4,004	11,391	3,143	8,248	2,629	7,378	8,353	2,270	6,083
1961	53,999	19,857	672	2,859	16,326	34,142	3,903	11,337	3,133	8,204	2,688	7,620	8,594	2,279	6,315
1962	55,549	20,451	650	2,968	16,853	35,098	3,906	11,566	3,198	8,368	2,754	7,982	8,890	2,340	6,550
1963	56,653	20,660	635	3,010	16,995	36,013	3,903	11,778	3,248	8,530	2,830	8,277	9,225	2,358	6,868
1964	58,283	21,005	634	3,097	17,274	37,278	3,951	12,140	3,337	8,823	2,911	8,660	9,596	2,348	7,248
1965	60,765	21,926	632	3,232	18,062	38,839	4,036	12,716	3,466	9,250	2,977	9,036	10,074	2,378	7,696
1966	63,901	23,138	627	3,317	19,214	40,763	4,158	13,245	3,597	9,648	3,058	9,498	10,784	2,564	8,220
1967	65,803	23,308	613	3,248	19,447	42,495	4,268	13,606	3,689	9,917	3,185	10,045	11,391	2,719	8,672
1968	67,897	23,737	606	3,350	19,781	44,160	4,318	14,099	3,779	10,320	3,337	10,567	11,839	2,737	9,102
1969	70,384	24,361	619	3,575	20,167	46,023	4,442	14,705	3,907	10,798	3,512	11,169	12,195	2,758	9,437
1970	70,880	23,578	623	3,588	19,367	47,302	4,513	15,040	3,993	11,047	3,645	11,548	12,554	2,731	9,823
1971	71,214	22,935	609	3,704	18,623	48,278	4,476	15,352	4,001	11,351	3,772	11,797	12,881	2,696	10,185
1972	73,675	23,668	628	3,888	19,151	50,007	4,541	15,949	4,113	11,836	3,908	12,276	13,334	2,684	10,649
1973	76,790	24,891	662	4,097	20,134	51,897	4,656	16,607	4,277	12,329	4,046	12,857	13,732	2,663	11,068
1974	78,265	24,784	697	4,020	20,027	53,471	4,725	16,987	4,433	12,554	4,148	13,441	14,170	2,724	11,446
1975	76,945	22,600	732	3,535	18,323	54,345	4,542	17,060	4,415	12,645	4,165	13,892	14,686	2,748	11,937
1976	79,382	23,352	779	3,576	18,997	56,030	4,582	17,755	4,546	13,209	4,271	14,551	14,871	2,733	12,138
1977	82,471	24,346	813	3,851	19,682	58,125	4,713	18,516	4,708	13,808	4,467	15,303	15,127	2,727	12,399
1978	86,697	25,585	851	4,229	20,505	61,113	4,923	19,542	4,969	14,573	4,724	16,252	15,672	2,753	12,919
1979	89,823	26,461	958	4,463	21,040	63,363	5,136	20,192	5,204	14,989	4,975	17,112	15,947	2,771	13,174
1980	90,406	25,658	1,027	4,346	20,285	64,748	5,146	20,310	5,275	15,035	5,160	17,890	16,241	2,866	13,375
1981	91,105	25,481	1,132	4,176	20,173	65,625	5,157	20,551	5,359	15,192	5,301	18,592	16,024	2,772	13,253
Monthly data, seasonally adjusted															
1981:															
August	91,322	25,637	1,140	4,146	20,311	65,685	5,168	20,650	5,387	15,263	5,319	18,654	15,894	2,769	13,125
September	91,363	25,583	1,192	4,124	20,267	65,780	5,181	20,660	5,383	15,277	5,328	18,737	15,904	2,764	13,140
October	91,224	25,393	1,195	4,101	20,097	65,831	5,162	20,654	5,386	15,274	5,325	18,773	15,917	2,757	13,160
November	90,996	25,176	1,202	4,071	19,903	65,820	5,150	20,623	5,375	15,248	5,324	18,815	15,938	2,749	13,189
December	90,642	24,908	1,206	4,026	19,676	65,734	5,128	20,524	5,359	15,167	5,331	18,834	15,917	2,756	13,161
1982:															
January	90,460	24,684	1,201	3,966	19,517	65,776	5,125	20,630	5,346	15,284	5,326	18,831	15,868	2,741	13,123
February	90,459	24,631	1,203	3,974	19,454	65,828	5,115	20,670	5,343	15,327	5,326	18,867	15,850	2,737	13,113
March	90,304	24,450	1,197	3,934	19,319	65,854	5,100	20,655	5,336	15,319	5,336	18,904	15,859	2,736	13,123
April	90,083	24,289	1,182	3,938	19,169	65,799	5,098	20,584	5,323	15,261	5,335	18,929	15,852	2,730	13,122
May	90,166	24,255	1,152	3,988	19,115	65,911	5,101	20,652	5,331	15,321	5,342	18,963	15,853	2,728	13,125
June	89,839	23,994	1,124	3,940	18,930	65,845	5,078	20,595	5,307	15,288	5,352	18,988	15,832	2,739	13,093
July-P	89,662	23,880	1,107	3,929	18,844	65,782	5,041	20,613	5,298	15,315	5,358	19,057	15,711	2,733	12,930
August-P	89,451	23,710	1,099	3,902	18,729	65,721	5,038	20,531	5,279	15,252	5,375	19,077	15,700	2,721	12,979

[1] Data include Alaska and Hawaii beginning 1959. This inclusion has resulted in an increase of 212,000 (0.4 percent) in the nonagricultural total for the March 1959 benchmark month.

P = preliminary.

NOTE: Data from April 1981 forward are subject to revision when more recent benchmark data are introduced. See "Benchmark adjustment" in the Explanatory Notes of this publication.

B-2. Employees on nonagricultural payrolls by industry

(In thousands)

1972 SIC Code	Industry	All employees					Production workers[1]				
		July 1981	Aug. 1981	June 1982	July 1982P	Aug. 1982P	July 1981	Aug. 1981	June 1982	July 1982P	Aug. 1982P
	TOTAL	91,137	91,087	90,570	89,162	89,195	-	-	-	-	-
	PRIVATE SECTOR	75,773	75,990	74,599	74,283	74,293	61,456	61,685	60,284	59,371	59,3
	MINING	1,184	1,200	1,145	1,126	1,118	872	884	821	834	8
10	METAL MINING	105.3	105.8	71.1	64.8	-	78.5	79.4	51.6	45.1	-
101	Iron ores	21.7	21.8	9.3	6.7	-	16.8	16.9	6.7	4.3	-
102	Copper ores	35.7	36.5	24.3	22.8	-	27.2	28.1	17.3	16.2	-
11, 12	COAL MINING	247.6	250.6	239.7	232.8	-	204.3	207.0	196.4	189.6	-
12	BITUMINOUS COAL AND LIGNITE MINING	246.1	247.0	236.3	229.5	-	201.2	203.8	193.4	185.7	-
13	OIL AND GAS EXTRACTION	706.6	719.6	717.4	710.6	-	493.0	501.7	482.9	477.3	-
131, 2	Crude petroleum, natural gas, and natural gas liquids	276.4	278.4	292.5	296.3	-	122.3	121.9	128.2	131.9	-
138	Oil and gas field services	430.2	441.2	424.9	414.3	-	370.7	379.8	354.6	345.1	-
14	NONMETALLIC MINERALS, EXCEPT FUELS	124.3	124.1	117.1	118.1	-	95.8	95.7	89.7	91.3	-
142	Crushed and broken stone	39.1	38.9	37.0	37.3	-	32.1	31.9	29.8	33.2	-
144	Sand and gravel	36.5	36.1	34.5	35.0	-	-	-	-	-	-
147	Chemical and fertilizer minerals	27.9	27.7	24.1	24.6	-	-	-	-	-	-
	CONSTRUCTION	4,415	4,431	4,090	4,149	4,167	3,469	3,489	3,168	3,228	3,2
15	GENERAL BUILDING CONTRACTORS	1,155.6	1,149.1	1,018.2	1,039.5	-	881.1	875.9	761.7	781.1	-
152	Residential building construction	558.6	549.0	495.0	511.0	-	412.5	403.8	359.7	371.7	-
153	Operative builders	62.3	61.8	51.1	50.6	-	35.2	34.6	26.2	25.2	-
154	Nonresidential building construction	534.7	538.3	472.1	477.9	-	433.4	437.9	375.8	384.2	-
16	HEAVY CONSTRUCTION CONTRACTORS	977.7	982.5	908.5	913.8	-	795.4	800.8	732.3	737.3	-
161	Highway and street construction	289.9	287.9	251.8	258.5	-	246.0	244.9	211.0	213.7	-
162	Heavy construction, except highway	687.8	694.6	656.7	655.3	-	548.5	555.9	519.3	523.1	-
17	SPECIAL TRADE CONTRACTORS	2,281.6	2,299.2	2,163.1	2,195.4	-	1,792.6	1,812.0	1,671.5	1,703.1	-
171	Plumbing, heating, air conditioning	532.2	534.9	500.6	503.7	-	393.7	397.1	362.1	367.2	-
172	Painting, paper hanging, decorating	150.7	150.2	140.5	146.4	-	126.2	126.1	117.2	121.1	-
173	Electrical work	416.9	422.8	400.9	403.2	-	321.1	327.4	305.0	307.3	-
174	Masonry, stonework, and plastering	339.9	345.4	310.3	319.3	-	291.1	295.9	262.2	270.4	-
175	Carpentering and flooring	126.7	127.3	115.6	115.5	-	95.7	96.7	85.9	85.8	-
176	Roofing and sheet metal work	163.3	166.4	157.9	162.3	-	132.6	135.7	125.3	129.4	-
	MANUFACTURING	20,246	20,370	19,031	18,725	18,793	14,043	14,153	12,931	12,553	12,7
24, 25, 32-39	DURABLE GOODS	12,179	12,164	11,267	11,077	10,971	8,330	8,302	7,497	7,327	7,2
20-23, 26-31	NONDURABLE GOODS	8,067	8,206	7,764	7,648	7,822	5,713	5,851	5,434	5,326	5,5
	DURABLE GOODS										
24	LUMBER AND WOOD PRODUCTS	696.9	691.2	627.7	630.8	636.1	582.7	576.9	518.1	521.7	52
241	Logging camps and logging contractors	87.6	86.9	80.2	84.6	-	69.8	69.0	62.8	67.3	-
242	Sawmills and planing mills	215.5	215.1	195.8	197.4	-	190.9	190.5	171.7	173.1	-
2421	Sawmills and planing mills, general	181.2	179.5	164.5	166.4	-	161.2	159.4	144.7	146.4	-
2426	Hardwood dimension and flooring	29.7	30.4	27.2	26.9	-	25.6	26.5	23.4	23.1	-
243	Millwork, plywood, and structural members	197.4	194.3	174.8	174.4	-	163.3	160.2	141.6	141.5	-
2431	Millwork	70.0	68.5	63.6	64.6	-	56.3	54.9	50.1	51.3	-
2434	Wood kitchen cabinets	47.3	47.0	40.8	39.5	-	38.2	38.0	31.9	30.9	-
2435	Hardwood veneer and plywood	24.7	25.4	21.6	21.5	-	21.7	22.3	18.7	18.7	-
2436	Softwood veneer and plywood	40.4	38.8	35.7	35.3	-	36.0	36.4	33.1	33.3	-
244	Wood containers	43.2	42.0	41.1	40.3	-	37.0	35.9	34.8	33.1	-
245	Wood buildings and mobile homes	71.4	70.6	61.9	62.4	-	53.2	52.2	46.0	46.5	-
2451	Mobile homes	50.4	49.9	47.7	47.9	-	39.0	38.5	37.2	37.4	-
249	Miscellaneous wood products	81.8	82.3	73.9	71.7	-	68.5	69.1	61.2	59.2	-
25	FURNITURE AND FIXTURES	462.3	470.6	439.2	429.1	439.8	371.9	379.1	346.5	337.2	34
251	Household furniture	298.4	298.1	271.0	261.8	-	246.1	249.0	222.9	215.3	-
2511	Wood household furniture	131.7	134.0	120.3	117.7	-	114.3	116.0	103.1	101.2	-
2512	Upholstered household furniture	88.6	89.6	82.8	79.9	-	72.5	73.2	66.4	63.1	-
2514	Metal household furniture	29.1	28.7	28.2	24.8	-	23.4	23.0	22.4	19.2	-
2515	Mattresses and bedsprings	30.6	31.5	28.3	28.3	-	23.6	24.3	21.2	21.3	-
252	Office furniture	54.2	54.7	54.3	53.6	-	41.5	42.8	41.6	41.1	-
253	Public building and related furniture	23.2	23.9	23.5	23.3	-	17.4	18.1	17.7	17.4	-
254	Partitions and fixtures	61.9	63.4	59.0	59.3	-	46.3	47.8	43.1	43.6	-
259	Miscellaneous furniture and fixtures	29.6	30.5	31.4	31.1	-	20.6	21.6	21.2	21.1	-

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry – Continued

[In thousands]

1972 SIC Code	Industry	All employees					Production workers[1]				
		July 1981	Aug. 1981	June 1982	July 1982P	Aug. 1982P	July 1981	Aug. 1981	June 1982	July 1982P	Aug. 1982P
32	**STONE, CLAY, AND GLASS PRODUCTS**	656.2	656.3	591.7	589.1	594.2	505.2	507.4	448.8	447.2	451.4
321	Flat glass	18.5	18.3	16.0	14.8	–	14.3	14.2	12.3	11.1	–
322	Glass and glassware, pressed or blown	122.9	124.1	111.9	112.9	–	104.1	105.1	93.5	93.7	–
3221	Glass containers	69.7	70.2	64.8	65.1	–	61.4	61.9	56.8	57.2	–
3229	Pressed and blown glass, nec	53.2	53.9	47.1	47.8	–	42.7	43.2	36.7	36.5	–
323	Products of purchased glass	44.8	45.3	41.5	41.9	–	29.9	30.3	27.5	28.0	–
324	Cement, hydraulic	31.7	31.4	29.3	29.2	–	25.4	25.1	23.1	22.9	–
325	Structural clay products	42.7	42.6	35.3	35.2	–	32.5	32.5	25.9	25.8	–
326	Pottery and related products	42.3	43.6	39.0	37.5	–	38.4	36.1	31.7	30.0	–
327	Concrete, gypsum, and plaster products	201.3	200.7	184.0	186.0	–	155.6	154.7	140.2	143.1	–
3271	Concrete block and brick	19.9	19.8	18.9	18.7	–	13.8	13.6	12.8	12.5	–
3272	Concrete products, nec	66.9	67.9	61.6	62.7	–	50.1	50.5	45.7	46.8	–
3273	Ready-mixed concrete	94.5	93.2	85.5	86.6	–	75.5	74.6	67.3	68.2	–
329	Misc. nonmetallic mineral products	137.9	138.0	122.5	119.8	–	99.1	99.1	84.9	81.0	–
3291	Abrasive products	27.8	27.9	25.0	24.4	–	18.8	18.9	15.9	15.1	–
3292	Asbestos products	15.9	15.9	14.0	13.6	–	12.2	12.2	10.4	10.1	–
3296	Mineral wool	30.5	30.7	27.2	27.0	–	–	–	–	–	–
33	**PRIMARY METAL INDUSTRIES**	1,128.4	1,132.6	935.0	909.1	888.8	866.0	867.7	693.9	670.9	652.0
331	Blast furnace and basic steel products	515.8	513.2	401.5	386.0	–	401.0	397.0	298.0	281.5	–
3312	Blast furnaces and steel mills	430.4	427.3	330.2	318.3	–	335.6	331.6	245.5	235.4	–
3317	Steel pipe and tubes	32.2	32.7	27.2	24.8	–	25.2	25.3	20.3	19.0	–
332	Iron and steel foundries	200.6	201.9	161.9	158.3	–	159.6	160.0	124.5	121.6	–
3321	Gray iron foundries	121.3	122.9	97.0	96.4	–	98.5	99.9	76.9	75.5	–
3322	Malleable iron foundries	15.8	16.3	13.3	12.6	–	12.2	12.5	9.9	9.3	–
3325	Steel foundries, nec	50.7	51.2	39.8	38.1	–	39.8	40.1	29.9	28.4	–
333	Primary nonferrous metals	70.5	70.1	58.8	57.5	–	53.2	52.5	42.1	41.3	–
3334	Primary aluminum	37.3	36.7	30.0	29.1	–	29.1	28.5	22.2	21.3	–
335	Nonferrous rolling and drawing	204.5	207.3	188.0	185.3	–	144.8	147.9	132.9	130.3	–
3351	Copper rolling and drawing	30.0	29.8	25.2	24.8	–	22.3	22.2	18.6	18.4	–
3353	Aluminum sheet, plate, and foil	33.7	35.5	30.6	30.4	–	25.3	27.3	21.5	23.3	–
3357	Nonferrous wire drawing and insulating	85.3	86.7	81.5	80.2	–	60.5	61.7	57.5	56.0	–
336	Nonferrous foundries	88.1	90.9	80.6	78.7	–	70.5	73.0	63.8	61.7	–
3361	Aluminum foundries	50.9	53.4	46.2	45.3	–	41.5	43.7	37.4	35.5	–
34	**FABRICATED METAL PRODUCTS**	1,593.6	1,599.9	1,458.2	1,426.9	1,423.6	1,172.5	1,177.9	1,051.5	1,025.5	1,024.0
341	Metal cans and shipping containers	72.1	72.9	68.3	67.4	–	61.7	62.4	57.8	57.1	–
3411	Metal cans	59.0	59.9	55.9	55.4	–	51.1	51.9	48.1	47.7	–
342	Cutlery, hand tools, and hardware	158.6	157.8	136.7	134.1	–	120.8	119.2	100.1	97.3	–
3423,5	Hand and edge tools, and hand saws and blades	54.2	55.0	45.0	44.0	–	41.1	41.6	33.3	32.4	–
3429	Hardware, nec	89.4	87.8	78.1	76.4	–	68.5	66.5	57.5	55.6	–
343	Plumbing and heating, except electric	68.2	69.7	65.6	64.3	–	48.9	50.4	45.2	43.2	–
3432	Plumbing fittings and brass goods	26.8	27.1	27.3	26.2	–	21.5	21.8	21.4	20.4	–
3433	Heating equipment, except electric	31.0	32.0	27.9	27.9	–	20.5	21.4	17.3	17.3	–
344	Fabricated structural metal products	511.7	513.6	464.5	460.9	–	348.7	351.7	310.1	308.2	–
3441	Fabricated structural metal	100.9	101.0	89.2	88.2	–	71.9	72.0	62.4	61.3	–
3442	Metal doors, sash, and trim	83.2	83.1	77.9	79.4	–	60.7	60.6	56.0	57.8	–
3443	Fabricated plate work (boiler shops)	148.6	150.0	132.3	131.0	–	89.7	91.7	77.4	76.7	–
3444	Sheet metal work	109.3	109.2	102.3	101.0	–	79.8	79.9	72.9	71.8	–
3446	Architectural metal work	30.6	30.8	28.1	27.7	–	21.5	21.7	19.2	18.7	–
345	Screw machine products, bolts, etc.	104.5	104.4	93.4	91.5	–	80.0	80.2	69.9	68.1	–
3451	Screw machine products	47.4	47.4	43.7	42.9	–	38.5	38.6	34.4	33.4	–
3452	Bolts, nuts, rivets, and washers	57.1	57.0	49.7	48.6	–	41.5	41.6	35.5	34.7	–
346	Metal forgings and stampings	258.0	258.7	232.0	221.7	–	200.5	201.0	182.5	173.1	–
3462	Iron and steel forgings	44.2	43.8	35.2	34.0	–	34.3	33.9	26.6	25.5	–
3465	Automotive stampings	93.0	92.1	90.0	86.2	–	76.7	75.7	76.0	72.4	–
3469	Metal stampings, nec	104.7	106.5	95.2	90.1	–	80.1	81.9	71.2	66.7	–
347	Metal services, nec	102.5	102.8	95.6	91.2	–	82.5	82.7	75.8	71.6	–
3471	Plating and polishing	69.7	70.4	65.5	61.5	–	57.0	57.7	53.2	49.4	–
3479	Metal coating and allied services	32.8	32.4	30.1	29.7	–	25.5	25.0	22.6	22.2	–
348	Ordnance and accessories, nec	69.3	69.6	72.2	72.0	–	44.5	44.4	46.3	46.8	–
3483	Ammunition, exc. for small arms, nec	26.4	26.7	27.1	27.6	–	17.0	17.1	17.7	18.2	–
349	Misc. fabricated metal products	252.7	254.4	229.9	223.8	–	184.9	185.9	161.8	159.1	–
3494	Valves and pipe fittings	105.1	104.6	95.7	92.4	–	71.9	71.0	63.3	60.9	–
3496	Misc. fabricated wire products	53.3	54.7	50.7	49.1	–	41.2	42.7	38.2	35.8	–
35	**MACHINERY, EXCEPT ELECTRICAL**	2,512.2	2,507.1	2,328.8	2,262.3	2,224.7	1,581.7	1,576.2	1,412.6	1,351.7	1,319.8
351	Engines and turbines	138.0	138.9	115.0	113.4	–	85.1	86.1	70.0	69.7	–
3511	Turbines and turbine generator sets	45.4	45.5	43.4	42.7	–	23.7	24.1	23.0	22.9	–
3519	Internal combustion engines, nec	88.6	89.4	71.6	70.7	–	61.4	62.0	47.0	46.9	–
352	Farm and garden machinery	158.8	149.5	136.1	121.3	–	104.1	99.0	89.5	79.2	–
3523	Farm machinery and equipment	137.6	130.8	115.9	104.6	–	92.4	85.9	75.9	69.1	–
353	Construction and related machinery	403.4	405.6	349.7	335.1	–	264.2	265.6	217.1	206.3	–
3531	Construction machinery	143.3	142.6	113.8	114.0	–	98.4	93.3	68.3	69.1	–

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry – Continued

(In thousands)

1972 SIC Code	Industry	All employees					Production workers				
		July 1981	Aug. 1981	June 1982	July 1982p	Aug. 1982p	July 1981	Aug. 1981	June 1982	July 1982p	Aug. 1982p
	MACHINERY, EXCEPT ELECTRICAL —Continued										
3532	Mining machinery	38.3	38.5	31.8	32.4	–	23.7	23.9	20.4	19.3	–
3533	Oil field machinery	121.2	123.0	113.6	103.8	–	84.9	85.6	77.1	69.5	–
3535	Conveyors and conveying equipment	35.2	35.9	32.3	31.2	–	19.9	20.6	17.1	16.1	–
3537	Industrial trucks and tractors	35.2	35.5	29.7	28.2	–	23.2	23.4	18.1	16.9	–
354	Metalworking machinery	363.0	362.3	329.8	311.2	–	260.9	260.2	227.6	211.1	–
3541	Machine tools, metal cutting types	79.2	79.2	63.9	59.3	–	51.5	50.9	38.7	35.4	–
3542	Machine tools, metal forming types	24.4	23.1	20.8	20.2	–	15.2	14.3	12.5	12.2	–
3544	Special dies, tools, jigs, and fixtures	136.2	136.2	129.7	126.7	–	107.5	107.1	101.5	98.2	–
3545	Machine tool accessories	68.4	68.3	61.6	59.3	–	47.9	47.8	41.5	39.4	–
3546	Power driven hand tools	30.5	30.6	26.2	23.9	–	21.4	21.6	14.0	11.3	–
355	Special industry machinery	199.4	197.9	180.8	178.0	–	126.1	125.4	110.1	109.1	–
3551	Food products machinery	43.7	43.2	41.8	41.0	–	27.8	27.4	26.9	26.5	–
3552	Textile machinery	26.6	26.0	22.3	21.9	–	17.6	16.9	14.7	14.3	–
3555	Printing trades machinery	39.2	38.7	38.0	38.1	–	24.1	24.2	23.0	23.1	–
356	General industrial machinery	320.4	320.0	289.7	278.5	–	206.6	206.9	182.4	171.1	–
3561	Pumps and pumping equipment	62.7	63.0	57.5	55.4	–	36.7	37.0	33.3	31.3	–
3562	Ball and roller bearings	55.2	55.7	48.7	46.8	–	42.7	42.4	36.3	34.3	–
3563	Air and gas compressors	31.2	31.4	29.8	29.2	–	19.4	19.5	16.5	15.8	–
3564	Blowers and fans	41.2	39.7	38.3	36.8	–	25.7	24.8	23.7	22.6	–
3566	Speed changers, drives, and gears	27.4	27.6	22.6	20.6	–	18.1	18.2	14.7	13.4	–
3568	Power transmission equipment, nec	22.8	23.1	20.2	19.0	–	16.1	16.1	13.8	12.7	–
357	Office and computing machines	468.5	470.2	494.2	498.1	–	197.9	198.3	196.9	199.8	–
3573	Electronic computing equipment	393.0	395.6	423.2	424.8	–	147.6	148.9	160.0	159.6	–
358	Refrigeration and service machinery	176.5	174.3	164.1	162.4	–	121.3	119.1	111.1	111.3	–
3585	Refrigeration and heating equipment	119.9	118.8	110.1	109.2	–	84.6	83.5	76.8	76.4	–
359	Misc. machinery, except electrical	292.4	292.4	274.4	268.3	–	223.5	223.6	204.2	203.7	–
3592	Carburetors, pistons, rings, valves	37.9	38.1	34.4	34.5	–	30.5	30.6	26.7	26.7	–
3599	Machinery, except electrical, nec	254.5	254.3	240.0	233.8	–	193.0	193.0	179.5	176.9	–
36	ELECTRIC AND ELECTRONIC EQUIPMENT	2,096.0	2,102.5	2,031.6	2,004.7	1,996.3	1,312.0	1,316.2	1,236.7	1,207.3	1,198.7
361	Electric distributing equipment	120.1	121.8	110.1	108.3	–	84.9	86.1	77.0	75.6	–
3612	Transformers	53.5	54.5	49.4	48.9	–	37.6	38.4	33.9	33.4	–
3613	Switchgear and switchboard apparatus	66.6	67.3	60.7	59.4	–	47.3	47.7	43.1	42.1	–
362	Electrical industrial apparatus	244.7	243.7	217.1	209.4	–	173.8	173.2	150.0	144.4	–
3621	Motors and generators	125.6	125.6	111.0	105.4	–	96.5	96.2	84.0	79.2	–
3622	Industrial controls	72.5	72.3	65.9	65.3	–	44.9	44.9	40.1	39.7	–
363	Household appliances	167.4	162.5	147.1	146.2	–	133.5	128.1	114.2	111.3	–
3632	Household refrigerators and freezers	33.5	32.6	31.6	30.0	–	30.9	29.3	29.2	28.3	–
3633	Household laundry equipment	22.6	22.5	18.8	20.4	–	18.1	17.9	14.0	15.8	–
3634	Electric housewares and fans	51.6	53.1	47.2	44.4	–	41.4	42.7	37.0	34.1	–
364	Electric lighting and wiring equipment	201.2	202.7	187.9	181.6	–	147.4	149.1	137.1	131.4	–
3641	Electric lamps	31.7	32.4	31.7	29.7	–	27.3	28.0	27.4	25.7	–
3643	Current carrying wiring devices	83.7	84.9	78.4	75.1	–	58.6	57.6	52.2	48.9	–
3644	Noncurrent carrying wiring devices	21.0	21.0	18.3	17.8	–	15.3	15.5	13.3	12.9	–
3645	Residential lighting fixtures	24.2	24.1	21.2	21.4	–	18.1	18.3	15.4	15.6	–
365	Radio and TV receiving equipment	107.7	109.1	97.0	92.2	–	74.2	77.1	64.9	62.4	–
3651	Radio and TV receiving sets	82.5	83.4	74.7	72.4	–	56.5	57.1	50.2	48.5	–
366	Communication equipment	551.6	552.3	555.4	557.2	–	267.2	268.5	259.9	259.7	–
3661	Telephone and telegraph apparatus	154.2	152.8	141.6	140.9	–	102.4	101.8	91.6	91.1	–
3662	Radio and TV communication equipment	397.4	399.5	413.8	416.3	–	164.8	166.2	168.3	168.6	–
367	Electronic components and accessories	558.7	562.5	576.6	573.3	–	324.6	326.3	329.8	323.4	–
3671,3	Electronic tubes	44.3	43.8	43.7	43.5	–	27.2	26.5	26.6	26.5	–
3674	Semiconductors and related devices	229.3	225.1	233.6	236.1	–	91.8	91.6	91.9	91.7	–
3679	Electronic components, nec	217.2	220.3	228.5	225.8	–	150.6	154.3	157.7	154.2	–
369	Misc. electrical equipment and supplies	145.6	147.9	142.4	139.5	–	104.4	106.1	101.8	98.5	–
3691	Storage batteries	27.6	29.4	27.8	26.7	–	21.2	22.9	21.5	21.4	–
3694	Engine electrical equipment	60.9	60.7	56.9	55.3	–	47.0	46.7	44.6	43.3	–
37	TRANSPORTATION EQUIPMENT	1,897.0	1,850.8	1,749.9	1,738.6	1,670.3	1,287.3	1,260.3	1,093.6	1,083.3	1,118.7
371	Motor vehicles and equipment	790.5	786.4	709.9	711.6	–	587.6	591.2	509.7	557.5	–
3711	Motor vehicles and car bodies	357.8	320.7	334.5	317.1	–	251.5	212.7	233.1	224.7	–
3713	Truck and bus bodies	37.9	36.7	33.3	33.3	–	28.5	27.4	24.2	24.3	–
3714	Motor vehicle parts and accessories	284.4	358.1	342.4	333.4	–	284.4	277.6	265.5	257.1	–
3715	Truck trailers	25.5	27.3	24.4	22.6	–	19.5	21.1	17.8	16.3	–
372	Aircraft and parts	647.3	642.5	611.6	607.4	–	335.9	337.3	309.7	285.1	–
3721	Aircraft	347.3	340.4	324.8	322.7	–	166.6	168.2	146.1	144.7	–
3724	Aircraft engines and engine parts	160.8	157.6	150.8	149.1	–	90.0	87.2	85.3	83.4	–
3728	Aircraft equipment, nec	139.2	138.5	136.2	135.6	–	83.8	81.6	76.1	77.3	–
373	Ship and boat building and repairing	228.5	230.1	208.5	201.5	–	131.7	134.7	110.7	103.4	–
3731	Ship building and repairing	183.6	185.5	169.9	165.0	–	106.1	107.4	127.1	124.3	–
3732	Boat building and repairing	44.9	44.6	38.6	36.5	–	37.6	37.3	31.6	29.4	–
374	Railroad equipment	53.0	52.1	48.5	47.1	–	35.0	34.4	24.8	25.5	–
376	Guided missiles, space vehicles, parts	122.9	123.7	127.6	126.1	–	34.3	36.4	38.6	38.2	–
3761	Guided missiles and space vehicles	96.4	97.1	100.9	101.3	–	26.7	26.7	29.0	28.1	–

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry – Continued

(In thousands)

1972 SIC Code	Industry	All employees					Production workers				
		July 1981	Aug. 1981	June 1982	July 1982P	Aug. 1982P	July 1981	Aug. 1981	June 1982	July 1982P	Aug. 1982P
	TRANSPORTATION EQUIPMENT — Continued										
379	Miscellaneous transportation equipment	38.0	38.1	40.9	40.2	–	23.8	24.0	26.4	25.7	–
3792	Travel trailers and campers	17.5	17.7	18.1	17.7	–	13.4	13.7	14.0	13.6	–
38	INSTRUMENTS AND RELATED PRODUCTS	731.2	735.8	719.6	708.3	705.7	430.0	430.5	411.3	401.1	397.0
381	Engineering and scientific instruments	78.7	76.6	76.5	76.1	–	37.5	37.5	35.9	34.9	–
382	Measuring and controlling devices	259.1	261.4	248.7	244.6	–	162.1	161.0	150.1	147.3	–
3822	Environmental controls	47.9	48.5	43.1	42.2	–	32.2	32.6	28.5	27.1	–
3823	Process control instruments	60.7	61.5	58.3	57.8	–	35.6	36.2	34.8	33.1	–
3825	Instruments to measure electricity	104.7	106.0	103.8	104.0	–	66.3	66.5	63.8	63.5	–
383	Optical instruments and lenses	33.4	33.1	32.8	32.3	–	18.8	18.6	18.0	17.7	–
384	Medical instruments and supplies	159.5	161.2	161.8	159.7	–	99.0	100.6	99.9	97.8	–
3841	Surgical and medical instruments	76.6	76.4	78.3	78.2	–	45.5	45.6	45.8	45.4	–
3842	Surgical appliances and supplies	67.2	68.7	67.9	66.0	–	43.4	45.1	44.7	43.1	–
385	Ophthalmic goods	41.1	41.1	37.1	36.4	–	28.8	28.6	25.7	25.1	–
386	Photographic equipment and supplies	139.8	139.9	141.8	142.3	–	69.6	67.1	69.7	73.5	–
387	Watches, clocks, and watchcases	19.6	20.5	17.9	17.0	–	14.2	15.1	12.5	11.3	–
39	MISCELLANEOUS MANUFACTURING INDUSTRIES	407.5	417.0	390.4	378.4	390.8	301.1	309.6	283.6	273.5	287.1
391	Jewelry, silverware, and plated ware	53.0	55.4	52.0	53.8	–	37.7	39.5	38.0	37.4	–
3911	Jewelry, precious metal	34.4	35.5	33.6	34.3	–	23.7	24.9	23.6	23.9	–
393	Musical instruments	21.8	21.6	18.8	18.8	–	17.4	17.3	14.5	14.7	–
394	Toys and sporting goods	120.5	122.8	110.3	108.4	–	91.4	93.5	82.1	81.1	–
3942, 3	Dolls, games, toys, and children's vehicles	62.3	65.9	56.9	54.2	–	47.6	49.7	39.6	38.3	–
3949	Sporting and athletic goods, nec	57.2	56.9	55.4	54.2	–	43.8	43.8	42.5	42.9	–
395	Pens, pencils, office and art supplies	37.7	37.8	35.5	34.3	–	26.8	27.1	24.7	24.3	–
396	Costume jewelry and notions	41.1	40.6	41.5	38.1	–	33.6	35.7	33.6	30.5	–
3961	Costume jewelry	21.3	24.2	21.9	19.3	–	16.3	18.8	16.8	14.7	–
399	Miscellaneous manufactures	131.4	132.8	127.3	125.0	–	94.2	96.5	90.7	85.1	–
3993	Signs and advertising displays	46.0	46.8	45.9	45.0	–	31.1	34.1	32.8	31.6	–
	NONDURABLE GOODS										
20	FOOD AND KINDRED PRODUCTS	1,703.0	1,759.6	1,627.0	1,672.9	1,733.7	1,172.4	1,230.9	1,108.5	1,151.2	1,211.1
201	Meat products	355.1	355.6	344.1	341.1	–	295.6	296.6	287.8	284.3	–
2011	Meat packing plants	154.0	155.3	146.2	143.8	–	126.0	127.4	120.2	117.7	–
2013	Sausages and other prepared meats	71.3	70.7	69.5	69.5	–	53.1	52.6	51.5	51.3	–
2016	Poultry dressing plants	116.9	116.3	114.5	113.5	–	105.6	105.3	104.0	103.3	–
202	Dairy products	174.7	173.3	172.1	172.3	–	97.6	96.7	97.3	98.3	–
2021	Creamery butter	38.3	35.8	35.8	35.9	–	27.7	27.2	27.0	27.1	–
2026	Fluid milk	98.1	97.5	95.2	94.8	–	44.1	44.0	43.4	43.3	–
203	Preserved fruits and vegetables	257.4	307.7	209.6	253.4	–	211.9	263.8	170.7	211.8	–
2033	Canned specialties	24.4	26.5	23.2	23.7	–	16.9	20.0	16.8	17.2	–
2034	Canned fruits and vegetables	109.8	151.9	67.1	101.5	–	92.4	135.3	52.6	94.1	–
2037	Frozen fruits and vegetables	46.9	50.3	47.3	51.6	–	40.3	41.8	41.1	40.3	–
204	Grain mill products	136.7	140.2	137.0	136.6	–	96.4	97.9	92.9	91.5	–
2043	Flour and other grain mill products	25.8	25.9	25.9	25.9	–	16.6	16.6	15.8	15.1	–
2045	Prepared feeds, nec	51.9	53.9	52.7	52.3	–	35.1	35.5	33.9	33.4	–
205	Bakery products	219.3	219.3	219.3	219.5	–	127.6	127.9	128.0	128.6	–
2051	Bread, cake, and related products	178.2	178.0	179.2	177.8	–	98.9	99.0	99.7	98.7	–
2052	Cookies and crackers	41.1	41.3	41.1	41.7	–	12.7	12.9	12.3	12.9	–
206	Sugar and confectionery products	100.9	100.5	98.9	98.8	–	74.8	75.2	74.4	74.3	–
2061, 3	Cane and beet sugar	29.4	29.6	28.0	27.3	–	20.1	20.4	20.4	20.1	–
2065	Confectionery products	54.5	56.2	50.9	50.6	–	41.8	45.3	40.6	41.1	–
207	Fats and oils	41.6	41.4	42.9	41.7	–	30.7	30.5	32.0	30.9	–
208	Beverages	239.7	239.9	230.1	237.9	–	101.7	105.4	102.5	101.3	–
2082	Malt beverages	51.2	50.6	49.4	48.1	–	33.2	33.8	33.7	33.3	–
2086	Bottled and canned soft drinks	142.4	142.2	143.3	144.5	–	47.8	47.6	47.1	47.3	–
209	Misc. foods and kindred products	176.5	177.3	165.0	172.5	–	132.1	133.3	122.9	121.9	–
21	TOBACCO MANUFACTURES	69.3	73.8	62.0	60.1	69.2	49.9	58.3	47.7	46.9	54.7
211	Cigarettes	42.9	47.3	40.7	40.1	–	36.4	35.7	36.1	35.4	–
22	TEXTILE MILL PRODUCTS	819.6	829.7	748.5	727.0	735.1	709.8	718.4	634.3	621.1	629.1
221	Weaving mills, cotton	139.7	140.3	122.0	118.0	–	129.2	129.6	106.8	101.1	–
222	Weaving mills, synthetic	111.6	111.7	89.9	92.8	–	100.3	100.2	78.6	81.0	–
223	Weaving and finishing mills, wool	18.1	18.8	17.0	15.6	–	15.0	15.6	14.2	13.7	–
224	Narrow fabric mills	23.2	24.1	22.9	20.7	–	20.8	21.3	19.9	17.7	–
225	Knitting mills	219.7	221.3	207.6	202.6	–	169.7	171.6	179.6	174.3	–
2251	Women's hosiery, except socks	33.3	32.0	31.1	30.6	–	28.1	28.7	27.9	27.2	–
2252	Hosiery, nec	33.5	33.4	31.6	31.7	–	30.4	30.4	28.5	28.7	–
2253	Knit outerwear mills	73.0	74.7	71.3	69.3	–	62.1	63.5	61.1	59.1	–
2254	Knit underwear mills	30.3	30.3	28.2	27.2	–	25.9	26.1	24.7	23.8	–

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls, by industry – Continued

(In thousands)

1972 SIC Code	Industry	All employees					Production workers				
		July 1981	Aug. 1981	June 1982	July 1982p	Aug. 1982p	July 1981	Aug. 1981	June 1982	July 1982p	Aug. 1982p
	TEXTILE MILL PRODUCTS – Continued										
2257	Circular knit fabric mills	29.7	29.5	25.3	24.5	-	25.0	25.0	21.4	20.3	-
226	Textile finishing, except wool	68.9	70.6	66.6	64.7	-	57.1	58.8	55.0	53.0	-
2261	Finishing plants, cotton	28.6	29.3	28.3	27.8	-	23.4	23.9	23.2	22.5	-
2262	Finishing plants, synthetics	26.5	27.2	24.8	23.8	-	22.2	22.7	20.6	19.7	-
227	Floor covering mills	52.6	53.4	49.1	47.6	-	42.3	42.9	38.5	37.1	-
228	Yarn and thread mills	120.2	123.0	109.7	106.2	-	100.3	103.9	96.9	94.2	-
2281	Yarn mills, except wool	82.0	83.3	75.3	73.4	-	75.1	76.3	67.5	66.2	-
2282	Throwing and winding mills	19.7	20.4	18.0	17.1	-	17.5	18.1	15.7	15.1	-
229	Miscellaneous textile goods	65.6	66.5	59.7	58.6	-	51.5	52.5	46.8	47.0	-
23	APPAREL AND OTHER TEXTILE PRODUCTS	1,218.4	1,260.3	1,181.2	1,095.9	1,167.9	1,036.6	1,073.0	1,000.8	923.7	9
231	Men's and boys' suits and coats	74.4	77.5	76.2	70.7	-	64.9	67.7	66.4	61.4	-
232	Men's and boys' furnishings	346.6	354.8	332.8	314.9	-	295.5	303.3	281.1	266.0	-
2321	Men's and boys' shirts and nightwear	97.5	99.1	98.5	89.6	-	88.0	89.5	81.0	76.4	-
2327	Men's and boys' separate trousers	70.4	72.3	68.4	65.1	-	61.2	63.2	59.6	56.3	-
2328	Men's and boys' work clothing	100.1	102.8	96.1	90.6	-	82.9	85.3	80.0	74.7	-
233	Women's and misses' outerwear	395.4	414.0	382.0	335.0	-	338.3	356.1	325.7	283.3	-
2331	Women's and misses' blouses and waists	61.8	62.9	60.0	49.1	-	53.8	54.8	51.8	45.3	-
2335	Women's and misses' dresses	128.4	138.6	128.4	114.2	-	112.1	121.9	111.3	98.7	-
2337	Women's and misses' suits and coats	62.9	67.0	57.2	52.1	-	53.6	57.5	48.8	43.7	-
2339	Women's and misses' outerwear, nec	142.3	145.5	136.4	119.6	-	119.8	121.9	113.8	99.7	-
234	Women's and children's undergarments	89.6	91.8	85.7	83.2	-	76.3	78.2	72.8	70.3	-
2341	Women's and children's underwear	71.3	73.3	69.8	67.4	-	61.9	63.8	60.7	58.3	-
2342	Brassieres and allied garments	18.3	18.5	15.9	15.8	-	14.4	14.4	12.1	12.0	-
236	Children's outerwear	64.5	63.3	62.3	60.5	-	54.5	53.4	52.8	51.1	-
2361	Children's dresses and blouses	27.2	26.7	26.3	25.4	-	24.2	23.7	23.4	22.7	-
238	Misc. apparel and accessories	55.9	59.3	53.0	48.5	-	46.6	50.2	44.4	41.1	-
239	Misc. fabricated textile products	186.9	176.1	166.5	161.7	-	138.2	143.7	136.0	131.1	-
2391	Curtains and draperies	26.0	27.9	25.1	24.4	-	21.7	23.3	20.9	19.5	-
2392	House furnishings, nec	46.9	49.5	46.1	45.4	-	38.7	40.9	38.1	37.3	-
2396	Automotive and apparel trimmings	27.0	28.8	27.5	26.7	-	22.0	23.0	22.4	21.7	-
26	PAPER AND ALLIED PRODUCTS	691.8	695.5	663.9	659.4	660.3	521.1	524.3	498.4	493.4	4
261, 263	Paper and pulp mills	207.3	206.1	198.4	197.1	-	156.0	156.8	149.3	147.4	-
262	Paper mills, except building paper	178.6	178.0	171.6	170.6	-	133.8	132.7	127.7	125.5	-
263	Paperboard mills	63.9	64.3	60.5	61.0	-	50.9	50.5	46.7	47.2	-
264	Misc. converted paper products	220.9	222.2	216.1	212.6	-	163.0	163.8	154.5	153.1	-
2641	Paper coating and glazing	55.6	56.1	55.6	55.4	-	36.7	36.4	34.9	34.3	-
2642	Envelopes	25.0	25.1	24.9	24.1	-	19.4	19.6	19.0	18.3	-
2643	Bags, except textile bags	49.1	49.9	48.4	48.1	-	38.1	39.0	37.2	36.9	-
265	Paperboard containers and boxes	199.7	202.9	190.9	188.9	-	152.1	155.2	143.9	142.1	-
2651	Folding paperboard boxes	42.6	43.7	41.9	41.1	-	33.1	34.2	32.4	31.9	-
2653	Corrugated and solid fiber boxes	102.7	103.6	96.8	95.6	-	75.1	76.3	70.6	69.8	-
2654	Sanitary food containers	25.3	25.4	24.6	24.5	-	20.9	20.7	19.7	19.7	-
27	PRINTING AND PUBLISHING	1,264.0	1,265.9	1,269.8	1,262.4	1,261.7	692.2	694.9	698.3	687.1	6
271	Newspapers	422.7	423.3	425.3	423.6	-	160.9	161.4	160.4	158.5	-
272	Periodicals	96.7	96.8	100.0	100.6	-	18.4	19.5	21.8	21.7	-
273	Books	99.4	98.9	98.2	97.5	-	50.3	49.6	49.7	49.3	-
2731	Book publishing	70.2	69.8	69.1	69.0	-	26.2	25.9	25.9	25.1	-
2732	Book printing	29.2	29.1	29.1	28.5	-	24.1	23.7	23.8	23.2	-
274	Miscellaneous publishing	48.5	47.6	49.2	48.5	-	25.2	24.9	25.9	24.7	-
275	Commercial printing	414.2	415.5	414.6	410.1	-	303.6	305.1	303.5	293.7	-
2751	Commercial printing, letterpress	153.6	153.9	150.4	149.1	-	112.9	113.2	110.8	109.1	-
2752	Commercial printing, lithographic	238.2	239.0	241.7	239.1	-	172.7	173.6	175.0	172.6	-
276	Manifold business forms	49.0	49.2	48.8	48.5	-	34.0	34.1	34.1	34.1	-
278	Blankbooks and bookbinding	63.7	64.4	63.0	62.8	-	52.0	52.9	51.0	51.1	-
279	Printing trade services	44.2	43.9	45.1	44.6	-	32.6	32.3	33.2	33.3	-
28	CHEMICALS AND ALLIED PRODUCTS	1,116.7	1,112.0	1,083.4	1,075.0	1,075.4	633.2	631.3	602.8	594.1	5
281	Industrial inorganic chemicals	161.1	160.2	154.9	153.7	-	88.0	87.5	82.8	80.9	-
2819	Industrial inorganic chemicals, nec	106.3	105.6	101.3	100.7	-	57.8	57.6	53.6	52.3	-
282	Plastics materials and synthetics	197.2	195.5	185.2	182.6	-	131.4	130.0	119.4	117.7	-
2821	Plastics materials and resins	79.4	78.6	74.5	74.0	-	47.2	46.7	41.5	43.2	-
2824	Organic fibers, noncellulosic	82.9	82.7	78.5	77.0	-	58.3	58.3	54.2	51.4	-
283	Drugs	200.8	200.0	201.1	201.2	-	99.9	99.6	98.6	97.3	-
2834	Pharmaceutical preparations	156.4	156.2	156.2	156.1	-	77.1	77.3	76.0	75.1	-
284	Soap, cleaners, and toilet goods	145.7	145.6	145.3	145.4	-	92.0	92.0	90.7	91.1	-
2841	Soap and other detergents	44.2	44.2	44.8	43.8	-	29.0	29.0	29.4	28.1	-
2844	Toilet preparations	62.9	62.7	62.9	62.9	-	42.1	41.8	40.7	41.9	-
2842, 3	Polishing, sanitation, and finishing preparations	38.6	38.7	38.5	38.7	-	20.9	21.2	20.6	21.2	-
285	Paints and allied products	64.5	64.5	61.0	60.8	-	32.1	32.3	29.9	29.8	-
286	Industrial organic chemicals	180.4	180.3	175.6	174.7	-	90.6	91.1	88.4	87.1	-

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry – Continued

(In thousands)

1972 SIC Code	Industry	All employees					Production workers				
		July 1981	Aug. 1981	June 1982	July 1982p	Aug. 1982p	July 1981	Aug. 1981	June 1982	July 1982p	Aug. 1982p
	CHEMICALS AND ALLIED PRODUCTS—Cont'd										
2865	Cyclic crudes and intermediates	37.6	38.1	36.7	35.5	–	23.0	23.5	22.2	21.3	–
2869.1	Gum, wood, and industrial organic chemicals, nec	142.6	142.2	139.5	139.2	–	67.6	67.6	66.2	65.6	–
287	Agricultural chemicals	71.2	70.3	67.8	65.2	–	48.2	47.5	43.9	43.8	–
289	Miscellaneous chemical products	95.8	95.6	92.5	90.9	–	55.8	55.1	52.1	50.5	–
29	PETROLEUM AND COAL PRODUCTS	221.1	220.7	207.9	209.1	210.6	139.1	138.8	130.4	131.6	132.2
291	Petroleum refining	176.6	177.1	168.4	168.8	–	106.9	106.6	99.4	99.3	–
295	Paving and roofing materials	31.0	31.1	27.7	28.7	–	24.1	23.7	20.9	22.3	–
30	RUBBER AND MISC. PLASTICS PRODUCTS	738.8	749.2	737.7	689.8	695.7	569.1	579.7	561.7	525.3	531.5
301	Tires and inner tubes	107.7	107.4	101.4	95.8	–	71.2	71.6	71.5	71.2	–
302	Rubber and plastics footwear	22.1	22.5	21.7	21.1	–	19.6	19.9	18.9	18.3	–
303.4	Reclaimed rubber, and rubber and plastics hose and belting	24.1	24.1	20.7	20.2	–	16.9	17.0	14.8	14.2	–
306	Fabricated rubber products, nec	104.7	106.8	96.6	93.9	–	81.7	83.4	71.4	73.7	–
307	Miscellaneous plastics products	480.2	488.2	465.3	454.9	–	377.7	385.8	363.1	357.0	–
31	LEATHER AND LEATHER PRODUCTS	228.4	239.1	216.9	155.7	213.6	192.8	202.6	181.7	162.1	177.2
311	Leather tanning and finishing	20.4	21.3	19.1	17.2	–	17.0	18.0	15.9	13.3	–
314	Footwear, except rubber	140.1	146.5	133.0	118.4	–	120.7	126.5	113.1	103.6	–
3143	Men's footwear, except athletic	56.4	58.7	51.9	46.4	–	46.6	50.4	42.7	36.4	–
3144	Women's footwear, except athletic	54.3	54.5	49.8	45.6	–	46.9	47.1	43.4	39.8	–
316	Luggage	10.3	11.3	11.9	11.3	–	11.5	11.9	10.6	9.1	–
317	Handbags and personal leather goods	29.5	30.6	27.9	24.9	–	24.3	25.2	22.8	19.7	–
	TRANSPORTATION AND PUBLIC UTILITIES	5,181	5,180	5,114	5,051	5,048	4,296	4,292	4,228	4,151	4,167
40	RAILROAD TRANSPORTATION	504.8	500.6	447.9	439.7	–	–	–	–	–	–
4011	Class I railroads	465.3	461.9	411.5	401.7	–	–	–	–	–	–
41	LOCAL AND INTERURBAN PASSENGER TRANSIT	241.3	228.4	231.6	230.3	–	202.6	201.0	204.1	203.1	–
411	Local and suburban transportation	79.9	80.5	81.3	81.4	–	71.0	71.2	70.8	71.1	–
412	Taxicabs	45.4	45.4	45.2	45.3	–	–	–	–	–	–
413	Intercity highway transportation	40.3	40.4	37.7	38.5	–	37.0	37.1	34.6	35.3	–
415	School buses	35.2	37.2	46.0	47.0	–	–	–	–	–	–
42	TRUCKING AND WAREHOUSING	1,263.3	1,268.8	1,216.3	1,209.6	–	1,102.5	1,107.8	1,057.0	1,051.1	–
421.3	Trucking and trucking terminals	1,178.4	1,186.5	1,134.0	1,129.6	–	1,033.7	1,038.2	988.5	984.0	–
422	Public warehousing	84.9	82.3	82.3	80.1	–	70.8	71.6	68.5	66.7	–
44	WATER TRANSPORTATION	226.7	223.2	201.8	199.6	–	–	–	–	–	–
45	TRANSPORTATION BY AIR	466.4	463.4	437.1	443.9	–	–	–	–	–	–
451.2	Air transportation	410.8	410.9	385.4	392.4	–	–	–	–	–	–
46	PIPE LINES, EXCEPT NATURAL GAS	22.9	22.8	22.8	22.9	–	16.2	16.1	15.6	15.7	–
47	TRANSPORTATION SERVICES	226.7	225.4	225.7	226.9	–	–	–	–	–	–
48	COMMUNICATION	1,194.1	1,192.4	1,081.0	1,097.0	–	1,061.4	1,061.1	1,043.2	1,061.1	–
481	Telephone communication	1,083.1	1,082.1	1,031.4	1,069.5	–	788.7	787.6	790.8	803.1	–
483	Radio and television broadcasting	208.2	207.8	217.3	217.1	–	168.4	168.1	172.2	172.1	–
49	ELECTRIC, GAS, AND SANITARY SERVICES	868.6	867.4	875.3	881.1	–	712.3	711.2	724.9	731.2	–
491	Electric services	410.6	410.0	417.1	420.2	–	332.7	332.2	332.8	334.7	–
492	Gas production and distribution	180.7	180.5	182.6	183.0	–	148.2	148.0	147.5	149.3	–
493	Combination utility services	202.4	202.2	199.6	200.1	–	166.5	166.6	162.6	163.8	–
495	Sanitary services	51.2	50.8	53.3	54.1	–	44.6	44.5	45.9	47.5	–
	WHOLESALE AND RETAIL TRADE	20,608	20,669	20,673	20,558	20,547	12,953	13,052	13,071	12,935	12,937
50-51	WHOLESALE TRADE	5,391	5,402	5,239	5,314	5,295	4,392	4,395	4,317	4,297	4,276
50	WHOLESALE TRADE, DURABLE GOODS	3,199	3,201	3,149	3,126	–	2,609	2,598	2,537	2,512	–
501	Motor vehicles and automotive equipment	413.7	414.7	416.5	416.9	–	333.2	334.2	336.5	336.3	–
502	Furniture and home furnishing	115.4	116.7	117.5	116.5	–	93.8	95.1	96.5	95.6	–
503	Lumber and construction materials	194.7	193.5	182.2	182.3	–	159.4	159.3	148.9	149.7	–
504	Sporting goods, toys, and hobby goods	71.1	71.4	72.4	72.1	–	57.2	57.2	58.1	58.3	–
505	Metals and minerals, except petroleum	153.6	153.0	140.9	137.7	–	124.2	123.3	113.4	110.8	–
506	Electrical goods	434.9	434.6	436.7	434.3	–	349.2	350.5	349.1	348.1	–
507	Hardware, plumbing, and heating equipment	246.5	245.5	237.5	237.6	–	201.9	200.2	192.0	192.1	–

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls, by industry – Continued

(In thousands)

1972 SIC Code	Industry	All employees					Production workers				
		July 1981	Aug. 1981	June 1982	July 1982p	Aug. 1982p	July 1981	Aug. 1981	June 1982	July 1982p	Aug. 1982p
	WHOLESALE TRADE DURABLE GOODS—Continued										
508	Machinery, equipment, and supplies	1,366.2	1,365.6	1,361.4	1,351.4	-	1,107.1	1,104.9	1,098.5	1,087.1	-
509	Miscellaneous durable goods	206.1	206.2	183.5	177.6	-	174.8	174.2	153.6	147.7	-
51	WHOLESALE TRADE NONDURABLE GOODS	2,192	2,201	2,190	2,184	-	1,792	1,797	1,789	1,785	-
511	Paper and paper products	155.2	155.0	156.7	157.2	-	124.2	125.6	125.9	126.4	-
512	Drugs, proprietaries, and sundries	150.6	150.8	154.2	155.1	-	127.6	127.1	129.7	131.3	-
513	Apparel, piece goods, and notions	168.9	170.1	171.3	169.4	-	132.8	133.1	133.9	131.1	-
514	Groceries and related products	672.7	674.9	665.9	666.7	-	578.5	579.7	573.5	574.2	-
516	Chemicals and allied products	134.6	134.1	137.6	136.9	-	96.7	96.9	97.8	98.3	-
517	Petroleum and petroleum products	235.6	235.3	234.3	231.9	-	176.8	177.3	176.2	174.7	-
518	Beer, wine, and distilled beverages	145.2	145.0	146.9	148.8	-	122.9	121.6	122.6	124.4	-
519	Miscellaneous nondurable goods	197.2	194.0	197.9	195.7	-	322.4	320.7	323.7	321.7	-
52-59	RETAIL TRADE	15,409	15,262	15,334	15,284	15,252	11,601	11,657	11,704	11,651	11,6
52	BUILDING MATERIALS AND GARDEN SUPPLIES	618.8	613.1	602.3	598.6	-	523.1	519.0	508.5	504.3	-
521	Lumber and other building materials	325.0	324.3	313.5	314.2	-	275.3	274.7	264.3	264.5	-
525	Hardware stores	152.2	150.0	148.0	147.9	-	129.9	128.1	126.3	125.6	-
53	GENERAL MERCHANDISE STORES	2,195.5	2,210.8	2,193.6	2,193.8	-	1,977.0	1,999.4	2,032.1	2,034.7	-
531	Department stores	1,838.6	1,851.9	1,838.9	1,840.1	-	1,655.1	1,675.5	1,711.5	1,711.1	-
533	Variety stores	226.6	230.2	221.3	221.2	-	211.6	213.6	205.2	204.3	-
539	Miscellaneous merchandising stores	128.3	128.7	133.4	132.5	-	110.3	110.1	115.4	117.3	-
54	FOOD STORES	2,422.1	2,421.2	2,465.6	2,463.2	-	2,246.1	2,249.9	2,295.9	2,285.1	-
541	Grocery stores	2,148.6	2,147.2	2,163.5	2,164.4	-	1,979.7	1,982.1	2,018.7	2,014.1	-
542	Meat markets and freezer provisioners	55.3	58.9	55.4	56.0	-	-	-	-	-	-
546	Retail bakeries	124.8	125.1	128.8	124.4	-	114.4	115.7	114.1	111.1	-
55	AUTOMOTIVE DEALERS AND SERVICE STATIONS	1,661.7	1,660.2	1,658.2	1,659.8	-	1,404.5	1,407.5	1,398.7	1,407.3	-
551,2	New and used car dealers	750.2	748.2	736.8	737.9	-	633.9	632.9	621.7	625.7	-
553	Auto and home supply stores	268.0	268.9	276.7	277.4	-	232.4	233.2	238.2	237.1	-
554	Gasoline service stations	561.5	562.2	557.2	557.2	-	492.1	491.7	485.5	485.7	-
56	APPAREL AND ACCESSORY STORES	943.7	949.2	959.6	988.6	-	806.6	812.1	816.1	801.1	-
561	Men's and boys' clothing and furnishings	125.9	124.6	126.4	124.9	-	106.7	105.4	107.3	105.9	-
562	Women's ready-to-wear stores	339.1	340.1	345.6	341.1	-	293.9	298.7	297.8	293.3	-
565	Family clothing stores	176.1	177.2	175.0	175.2	-	153.6	155.9	152.7	151.1	-
566	Shoe stores	201.6	206.1	211.4	206.9	-	166.2	169.9	171.9	167.5	-
57	FURNITURE AND HOME FURNISHINGS STORES	598.1	595.7	588.8	586.5	-	493.9	491.7	486.0	484.1	-
572	Furniture and home furnishings stores	373.4	371.8	364.2	362.1	-	309.5	307.6	303.0	299.6	-
572	Household appliance stores	79.7	78.6	80.0	80.2	-	68.1	67.1	67.1	67.7	-
573	Radio, television, and music stores	145.0	145.3	144.6	144.2	-	116.3	116.9	115.9	116.8	-
58	EATING AND DRINKING PLACES	4,852.8	4,878.0	4,906.9	4,883.2	-	4,476.3	4,492.6	4,523.6	4,494.5	-
59	MISCELLANEOUS RETAIL	1,916.4	1,933.7	1,958.5	1,950.1	-	1,668.9	1,685.8	1,702.7	1,691.9	-
591	Drug stores and proprietary stores	497.7	500.7	495.4	495.1	-	449.5	452.2	448.3	447.8	-
592	Liquor stores	136.0	136.1	134.6	135.8	-	-	-	-	-	-
596	Miscellaneous shopping goods stores	598.4	607.9	630.0	628.6	-	509.4	519.2	537.8	530.1	-
598	Nonstore retailers	255.2	258.9	264.9	264.8	-	235.1	238.7	244.2	244.1	-
599	Fuel and ice dealers	100.5	99.8	101.2	99.8	-	83.5	82.9	81.8	82.3	-
599	Retail stores, nec	266.0	267.5	269.5	262.4	-	222.7	223.8	226.7	219.7	-
	FINANCE, INSURANCE, AND REAL ESTATE [1]	5,370	5,374	5,406	5,422	5,429	4,071	4,070	4,060	4,073	4,1
60	BANKING	1,645.6	1,644.9	1,664.4	1,667.8	-	1,258.6	1,258.0	1,250.4	1,251.3	-
602	Commercial and stock savings banks	1,497.3	1,499.0	1,518.3	1,520.6	-	1,140.6	1,140.2	1,133.4	1,134.4	-
61	CREDIT AGENCIES OTHER THAN BANKS	587.8	585.7	587.2	587.7	-	447.0	448.6	443.6	443.0	-
612	Savings and loan associations	265.8	264.3	273.1	274.1	-	201.4	200.1	204.4	203.5	-
614	Personal credit institutions	204.2	203.2	194.6	193.2	-	158.0	157.4	149.1	147.3	-
62	SECURITY, COMMODITY BROKERS, AND SERVICES	266.9	268.5	279.6	281.0	-	-	-	-	-	-
621	Security brokers and dealers	218.6	221.0	231.7	234.1	-	-	-	-	-	-
63	INSURANCE CARRIERS	1,240.4	1,236.8	1,230.5	1,230.5	-	855.0	855.7	841.9	843.1	-
631	Life insurance	542.8	541.4	542.2	543.0	-	338.1	337.1	334.7	334.2	-

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry – Continued

(In thousands)

1972 SIC Code	Industry	All employees					Production workers				
		July 1981	Aug. 1981	June 1982	July 1982P	Aug. 1982P	July 1981	Aug. 1981	June 1982	July 1982P	Aug. 1982P
	INSURANCE CARRIERS—Continued										
632	Medical service and health insurance	141.1	142.5	142.1	142.0	-	111.3	112.8	112.9	111.3	-
633	Fire, marine, and casualty insurance	478.2	477.5	474.6	473.9	-	367.9	367.4	339.5	339.1	-
64	INSURANCE AGENTS, BROKERS, AND SERVICE	466.3	468.1	480.2	479.1	-	-	-	-	-	-
65	REAL ESTATE	1,027.5	1,028.1	1,025.5	1,025.5	-	-	-	-	-	-
651	Real estate operators and lessors	481.7	482.0	487.6	494.4	-	-	-	-	-	-
653	Real estate agents and managers	387.5	388.3	380.8	383.9	-	-	-	-	-	-
655	Subdividers and developers	137.8	137.2	129.2	129.4	-	-	-	-	-	-
66	COMBINED REAL ESTATE, INSURANCE, ETC.	19.5	19.3	19.4	19.3	-	-	-	-	-	-
67	HOLDING AND OTHER INVESTMENT OFFICES	122.4	123.1	129.5	131.3	-	-	-	-	-	-
	SERVICES	18,771	18,771	19,140	19,209	19,191	16,712	16,705	17,035	17,108	17,110
70	HOTELS AND OTHER LODGING PLACES	1,230.6	1,243.1	1,156.0	1,202.5	-	-	-	-	-	-
701	Hotels, motels, and tourist courts	1,149.9	1,158.4	1,109.6	1,126.6	-	1,055.1	1,061.8	1,020.7	1,031.7	-
72	PERSONAL SERVICES	897.0	892.0	915.4	908.0	-	-	-	-	-	-
721	Laundry, cleaning, and garment services	352.2	349.5	351.6	348.7	-	315.2	312.8	314.1	311.4	-
723	Beauty shops	281.9	282.2	295.1	293.7	-	261.6	262.0	272.0	271.1	-
726	Funeral service and crematories	71.7	71.9	74.1	74.6	-	-	-	-	-	-
73	BUSINESS SERVICES	3,273.8	3,307.6	3,297.5	3,306.1	-	2,863.3	2,892.0	2,873.3	2,877.3	-
731	Advertising	156.5	156.0	160.0	159.9	-	120.5	120.0	123.4	123.1	-
732	Credit reporting and collection	75.8	76.0	75.7	76.3	-	-	-	-	-	-
733	Mailing, reproduction, stenographic	127.4	128.1	131.4	129.7	-	-	-	-	-	-
734	Services to buildings	515.0	521.5	538.0	541.2	-	467.3	473.4	489.9	491.2	-
736	Personnel supply services	617.5	634.5	551.3	551.3	-	-	-	-	-	-
737	Computer and data processing services	336.9	339.0	355.6	356.6	-	281.5	278.3	291.2	291.9	-
75	AUTO REPAIR, SERVICES, AND GARAGES	573.2	573.5	581.5	582.0	-	488.5	488.8	491.7	491.7	-
753	Automotive repair shops	356.8	357.3	362.2	363.8	-	301.3	302.5	302.2	303.8	-
76	MISCELLANEOUS REPAIR SERVICES	295.8	298.1	296.6	296.1	-	248.3	251.4	250.9	253.1	-
78	MOTION PICTURES	217.7	221.5	221.5	228.6	-	189.5	192.1	190.8	196.2	-
781	Motion picture production and services	70.4	75.1	78.7	79.3	-	57.5	60.7	62.7	64.3	-
783	Motion picture theaters	136.2	135.1	132.2	136.0	-	-	-	-	-	-
79	AMUSEMENT AND RECREATION SERVICES	875.7	872.9	945.4	976.1	-	799.8	797.5	862.5	893.5	-
80	HEALTH SERVICES	5,601.8	5,609.4	5,800.5	5,820.9	-	5,015.8	5,021.9	5,198.2	5,215.7	-
801	Offices of physicians	793.6	794.6	822.0	822.1	-	655.3	655.9	675.6	671.4	-
802	Offices of dentists	362.9	362.1	385.8	389.0	-	320.9	319.6	341.0	343.9	-
805	Nursing and personal care facilities	1,037.3	1,039.9	1,071.2	1,073.3	-	939.2	941.5	970.0	972.8	-
806	Hospitals	2,927.6	2,929.8	3,019.7	3,032.9	-	2,684.9	2,686.5	2,771.0	2,781.7	-
81	LEGAL SERVICES	567.3	564.6	576.7	583.6	-	471.2	466.9	488.6	495.3	-
82	EDUCATIONAL SERVICES	1,001.6	987.0	1,043.1	991.6	-	-	-	-	-	-
821	Elementary and secondary schools	271.6	261.6	334.5	272.3	-	-	-	-	-	-
822	Colleges and universities	616.1	610.9	656.8	601.0	-	-	-	-	-	-
83	SOCIAL SERVICES	1,166.6	1,153.2	1,170.1	1,211.5	-	-	-	-	-	-
86	MEMBERSHIP ORGANIZATIONS	1,538.0	1,523.6	1,538.9	1,547.0	-	-	-	-	-	-
89	MISCELLANEOUS SERVICES	1,060.9	1,058.5	1,065.6	1,069.0	-	888.7	882.5	872.8	871.1	-
891	Engineering and architectural services	584.7	582.4	578.0	576.0	-	500.1	494.0	475.8	475.0	-
893	Accounting, auditing, and bookkeeping	333.8	333.9	345.6	348.8	-	268.1	268.5	278.6	279.3	-
	GOVERNMENT	15,334	15,097	15,971	15,082	14,902	-	-	-	-	-
-	FEDERAL GOVERNMENT	2,833	2,803	2,786	2,750	2,754	-	-	-	-	-
	Executive, by agency[4]	2,776.7	2,748.1	2,730.0	2,733.2	-	-	-	-	-	-
	Department of Defense	940.6	930.7	961.0	964.5	-	-	-	-	-	-
	Postal Service	663.8	663.3	664.9	665.5	-	-	-	-	-	-
-	Other executive agencies	1,172.3	1,154.1	1,104.1	1,103.2	-	-	-	-	-	-
	Legislative	40.9	39.7	40.5	40.9	-	-	-	-	-	-
	Judicial	15.4	15.3	15.6	15.7	-	-	-	-	-	-

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry – Continued

(In thousands)

1972 SIC Code	Industry	All employees					Production workers[1]				
		July 1981	Aug. 1981	June 1982	July 1982[p]	Aug. 1982[p]	July 1981	Aug. 1981	June 1982	July 1982[p]	Aug. 1982[p]
	FEDERAL GOVERNMENT, Continued										
	Federal Government, by industry										
	Manufacturing activities	134.1	133.2	139.2	135.6	-	-	-	-	-	-
3731	Shipbuilding and repairing	78.5	78.4	82.4	82.7	-	-	-	-	-	-
	Transportation and public utilities, except Postal Service	42.6	42.8	42.8	42.5	-	-	-	-	-	-
	Services	399.1	400.4	400.7	405.0	-	-	-	-	-	-
808	Federal government hospitals	233.0	232.7	235.9	238.6	-	-	-	-	-	-
	STATE AND LOCAL GOVERNMENT	12,501	12,298	13,185	12,292	12,148	-	-	-	-	-
	State government	3,436.0	3,421.4	3,503.8	3,417.1	-	-	-	-	-	-
808	State government hospitals	521.7	520.6	517.5	518.6	-	-	-	-	-	-
82	State education	1,183.7	1,166.7	1,282.5	1,178.0	-	-	-	-	-	-
	General administration including executive, legislative, and judicial functions	1,066.9	1,070.7	1,064.4	1,076.6	-	-	-	-	-	-
	Local government	9,064.6	8,872.1	9,681.1	8,874.4	-	-	-	-	-	-
	Transportation and public utilities	583.1	581.2	582.2	585.9	-	-	-	-	-	-
808	Local government hospitals	631.6	630.1	648.2	651.2	-	-	-	-	-	-
82	Local education	4,352.3	4,250.8	5,259.0	4,241.0	-	-	-	-	-	-
	General administration including executive, legislative, and judicial functions	3,088.3	3,017.3	2,878.8	3,043.6	-	-	-	-	-	-

Data relate to production and related workers in mining and manufacturing, to construction workers in construction, and to nonsupervisory workers in transportation and public utilities, wholesale and retail trade, finance, insurance, and real estate, and services.

[1] Beginning January 1978, data relate to line haul railroads with operating revenues of $50,000,000 or more.

* Data for nonoffice sales agents excluded from nonsupervisory count for all series in this division.

[2] Prepared by the Office of Personnel Management. Data relate to civilian employment only and exclude Central Intelligence and National Security Agencies.

- Data not available.
p = preliminary.

NOTE: Data from April 1981 forward are subject to revision when more benchmark data are introduced. See "Benchmark adjustment" in the Explanatory of this publication.

B-3. Women employees on nonagricultural payrolls, by industry

(In thousands)

1972 SIC Code	Industry	May 1981	June 1981	April 1982	May 1982	June 1982
	TOTAL	39,174	39,216	39,233	39,366	39,358
	PRIVATE SECTOR	31,165	31,410	31,356	31,499	31,570
	MINING	120	131	141	140	141
10	METAL MINING	9.5	10.4	7.2	6.9	6.9
11,12	COAL MINING	9.4	10.6	11.7	11.7	11.5
13	OIL AND GAS EXTRACTION	98.1	100.2	112.3	111.7	113.0
131,2	Crude petroleum, natural gas, and natural gas liquids	60.9	64.0	69.2	69.4	71.1
138	Oil and gas field services	35.2	36.2	43.1	42.3	41.9
14	NONMETALLIC MINERALS, EXCEPT FUELS	10.1	10.1	9.4	9.5	9.7
142	Crushed and broken stone	2.9	2.8	2.6	2.7	2.8
144	Sand and gravel	3.2	3.3	2.9	3.0	3.1
	CONSTRUCTION	379	387	379	381	386
15	GENERAL BUILDING CONTRACTORS	127.3	130.2	128.3	128.7	131.9
152	Residential building construction	71.4	74.0	68.0	68.6	70.8
153	Operative builders	15.1	14.9	13.8	13.5	13.4
154	Nonresidential building construction	40.8	41.3	38.5	38.6	38.7
16	HEAVY CONSTRUCTION CONTRACTORS	62.9	65.8	63.3	63.6	66.3
161	Highway and street construction	18.1	19.1	14.3	14.1	15.4
162	Heavy construction, except highway	44.8	46.7	49.0	49.1	51.1
17	SPECIAL TRADE CONTRACTORS	188.2	191.2	185.7	186.5	187.2
171	Plumbing, heating, air conditioning	51.2	52.1	52.3	52.1	52.9
172	Painting, paper hanging, decorating	12.0	12.1	12.0	11.9	11.9
173	Electrical work	36.5	36.5	37.4	37.7	38.3
174	Masonry, stonework, and plastering	20.8	21.4	20.7	21.6	21.3
175	Carpentering and flooring	14.1	14.5	14.0	13.6	13.7
176	Roofing and sheet metal work	12.4	12.5	12.4	12.6	12.7
	MANUFACTURING	6,342	6,416	6,039	6,080	6,049
24, 25, 32-39	DURABLE GOODS	3,050	3,083	2,894	2,886	2,880
20-23, 26-31	NONDURABLE GOODS	3,292	3,333	3,145	3,194	3,118
	DURABLE GOODS					
24	LUMBER AND WOOD PRODUCTS	105.2	105.2	98.0	97.7	97.2
241	Logging camps and logging contractors	5.4	5.5	5.2	5.4	5.7
242	Sawmills and planing mills	20.2	20.4	17.1	17.3	17.1
2421	Sawmills and planing mills, general	14.2	14.4	12.0	12.2	12.4
243	Millwork, plywood, and structural members	42.5	41.7	38.3	35.8	35.7
244	Wood containers	7.2	7.1	6.8	6.9	6.9
245	Wood buildings and mobile homes	9.0	9.2	7.2	7.5	7.1
249	Miscellaneous wood products	20.9	21.1	19.8	19.7	18.9
25	FURNITURE AND FIXTURES	141.1	141.8	133.8	132.6	133.2
251	Household furniture	100.1	99.9	92.7	91.4	93.5
2511	Wood household furniture	61.9	62.1	59.0	58.7	59.7
2512	Upholstered household furniture	32.1	32.3	29.1	29.3	29.1
2515	Mattresses and bedsprings	6.6	6.7	7.9	8.0	7.8
252	Office furniture	13.8	14.1	13.6	13.9	13.7
253	Public building and related furniture	5.1	5.1	5.4	5.2	5.1
254	Partitions and fixtures	10.6	10.7	10.2	10.1	10.2
259	Miscellaneous furniture and fixtures	11.7	12.0	11.9	12.1	12.4
32	STONE, CLAY, AND GLASS PRODUCTS	129.2	128.2	116.2	116.1	115.7
322	Glass and glassware, pressed or blown	40.7	41.3	36.9	36.5	35.7
3221	Glass containers	23.1	23.4	21.5	21.6	21.8
3229	Pressed and blown glass, nec	17.6	17.9	15.4	14.9	14.9
323	Products of purchased glass	12.7	13.1	11.9	12.3	12.1
324	Cement, hydraulic	1.8	1.9	1.7	1.7	1.7
325	Structural clay products	6.2	6.5	5.5	5.7	5.7
326	Pottery and related products	14.6	14.6	11.6	11.7	11.5
327	Concrete, gypsum, and plaster products	15.2	15.5	14.3	14.5	14.3
329	Misc. nonmetallic mineral products	11.1	11.6	29.1	29.0	28.6
33	PRIMARY METAL INDUSTRIES	126.8	126.0	117.7	116.5	116.6
331	Blast furnaces and basic steel products	42.2	42.8	32.6	33.9	33.8
3312	Blast furnaces and steel mills	31.8	32.4	23.5	22.7	23.4
332	Iron and steel foundries	16.5	16.2	16.4	15.9	15.9

B 3. Women employees on nonagricultural payrolls by industry – Continued

(In thousands)

1972 SIC Code	Industry	May 1981	June 1981	Sept. 1981	May 1982	Jan. 1982
	PRIMARY METAL INDUSTRIES — Continued					
3321	Gray iron foundries	6.7	6.8	7.1	6.9	7.
3322	Malleable iron foundries	1.1	1.2	1.0	.9	1.
3325	Steel foundries, nec	4.7	4.5	4.2	4.0	4.
333	Primary nonferrous metals	5.0	5.0	4.5	4.4	4.
3334	Primary aluminum	2.1	2.1	1.9	1.9	1.
336	Nonferrous rolling and drawing	35.8	40.1	34.5	34.8	33.
3351	Copper rolling and drawing	3.5	3.6	3.0	3.0	3.
3353	Aluminum sheet, plate, and foil	4.1	4.2	3.8	3.9	3.
3357	Nonferrous wire drawing and insulating	24.2	28.1	23.5	23.5	23.
338	Nonferrous foundries	15.6	15.7	14.1	14.0	13.
3361	Aluminum foundries	8.2	8.2	7.3	7.3	7.
34	FABRICATED METAL PRODUCTS	140.9	143.3	109.9	107.1	117.
341	Metal cans and shipping containers	12.9	13.1	11.7	11.7	12.
3411	Metal cans	11.0	11.2	9.9	9.9	10.
342	Cutlery, hand tools, and hardware	55.2	55.7	47.8	46.9	46.
3423	Hand and edge tools, and hand saws and blades	15.5	15.8	14.2	13.4	13.
3429	Hardware, nec	32.8	33.1	27.2	26.9	27.
343	Plumbing and heating, except electric	16.8	16.9	16.6	16.6	16.
344	Fabricated structural metal products	73.2	74.0	67.6	67.5	67.
3441	Fabricated structural steel	7.4	7.8	7.5	7.3	7.
3442	Metal doors, sash, and trim	21.0	21.5	19.0	19.5	20.
3443	Fabricated plate work (boiler shops)	18.9	19.0	17.8	17.3	17.
3444	Sheet metal work	15.6	15.7	14.8	14.5	14.
345	Screw machine products, bolts, etc.	24.0	23.9	21.2	20.9	21.
3451	Screw machine products	11.9	11.6	10.5	10.4	10.
3452	Bolts, nuts, rivets, and washers	12.1	12.1	10.7	10.5	11.
346	Metal forgings and stampings	58.8	55.1	46.4	46.3	48.
3462	Iron and steel forgings	4.1	4.3	3.6	3.5	3.
3465	Automotive stampings	15.1	15.3	12.0	12.6	13.
3469	Metal stampings, nec	32.7	32.8	28.8	27.8	27.
347	Metal services, nec	23.9	24.1	22.8	22.5	23.
3471	Plating and polishing	17.2	17.3	16.5	16.5	16.
3479	Metal coating and allied services	6.7	6.8	5.9	5.9	5.
348	Ordnance and accessories, nec	19.6	19.8	19.4	20.0	20.
349	Misc. fabricated metal products	60.0	60.8	56.2	56.8	58.
3494	Valves and pipe fittings	23.1	23.4	21.9	21.3	23.
3496	Misc. fabricated wire products	14.2	14.3	13.8	13.4	13.
35	MACHINERY, EXCEPT ELECTRICAL	505.9	511.9	502.5	499.0	493.
351	Engines and turbines	22.8	23.3	21.6	21.7	20.
3511	Turbines and turbine generator sets	6.5	6.5	6.5	6.4	6.
3519	Internal combustion engines, nec	16.1	16.7	15.1	15.1	14.
352	Farm and garden machinery	25.0	24.1	24.8	24.2	27.
3523	Farm machinery and equipment	19.8	19.3	16.9	16.7	16.
353	Construction and related machinery	51.7	52.9	52.6	51.1	47.
3531	Construction machinery	14.9	15.5	14.5	14.8	13.
3533	Oil field machinery	16.7	17.1	19.5	18.7	17.
354	Metalworking machinery	59.4	59.8	52.9	51.9	51.
3541	Machine tools, metal cutting types	10.6	10.7	9.3	9.0	8.
3544	Special dies, tools, jigs, and fixtures	16.7	16.8	14.9	14.8	13.
3545	Machine tool accessories	14.0	14.1	12.5	12.2	12.
355	Special industry machinery	29.7	30.6	27.9	27.6	27.
3551	Food products machinery	5.8	5.8	5.4	5.6	5.
3552	Textile machinery	5.1	5.1	4.6	4.5	4.
3555	Printing trades machinery	6.6	6.8	6.9	7.0	7.
356	General industrial machinery	64.1	64.6	59.3	58.5	59.
3561	Pumps and pumping equipment	11.5	11.6	11.1	10.9	11.
3562	Ball and roller bearings	14.3	14.1	12.7	12.4	13.
357	Office and computing machines	169.2	167.2	180.4	181.4	181.
3573	Electronic computing equipment	137.7	140.5	154.8	155.0	156.
358	Refrigeration and service machinery	39.1	39.7	36.1	35.6	35.
3585	Refrigeration and heating equipment	26.5	26.7	24.2	23.7	23.
359	Misc. machinery, except electrical	49.4	49.5	46.7	46.8	47.
3599	Machinery, except electrical, nec	38.8	39.2	37.5	37.5	37.
36	ELECTRIC AND ELECTRONIC EQUIPMENT	895.5	903.7	866.3	866.2	874.
361	Electric distributing equipment	46.6	47.5	43.5	42.5	43.
3612	Transformers	19.2	19.6	18.1	17.8	17.
3613	Switchgear and switchboard apparatus	27.4	27.9	25.4	24.7	25.
362	Electrical industrial apparatus	92.7	93.1	82.0	82.3	81.
3621	Motors and generators	51.8	51.8	44.0	43.4	43.
3622	Industrial controls	29.0	29.2	27.3	27.3	27.
363	Household appliances	60.7	61.2	52.1	52.1	51.
3632	Household refrigerators and freezers	10.7	10.9	8.2	8.3	9.
3633	Household laundry equipment	4.6	4.9	3.5	3.6	3.
3634	Electric housewares and fans	27.9	28.1	25.3	25.4	25.
364	Electric lighting and wiring equipment	92.4	94.2	86.5	84.9	91.
3641	Electric lamps	19.6	20.5	20.4	20.1	17.

B-3. Women employees on nonagricultural payrolls by industry – Continued

(In thousands)

1972 SIC Code	Industry	May 1981	June 1981	Sept. 1982	May 1982	June 1982
	ELECTRIC AND ELECTRONIC EQUIPMENT — Continued					
3641	Illumination and ignition devices	40.7	41.5	37.8	36.8	37.1
365	Radio and TV receiving equipment	57.0	57.0	50.4	50.9	51.3
3651	Radio and TV receiving sets	42.1	42.6	37.8	37.7	38.2
366	Communication equipment	210.6	212.7	211.6	211.1	211.8
3661	Telephone and telegraph apparatus	76.1	75.0	70.4	69.7	69.1
3662	Radio and TV communication equipment	134.7	137.7	141.2	141.4	142.7
367	Electronic components and accessories	282.6	285.0	265.2	287.1	288.8
3671,3	Electronic tubes	16.6	16.6	15.7	16.0	16.2
3674	Semiconductors and related devices	102.7	102.8	103.7	105.5	111.3
3675	Electronic components, nec	115.6	116.8	119.8	119.5	119.3
369	Misc. electrical equipment and supplies	52.7	53.0	54.9	55.1	55.1
3694	Engine electrical equipment	22.9	22.9	24.8	24.8	24.9
37	TRANSPORTATION EQUIPMENT	309.1	314.7	286.2	285.9	286.2
371	Motor vehicles and equipment	113.7	117.7	97.8	100.7	101.6
3711	Motor vehicles and car bodies	42.2	43.9	32.3	34.1	33.5
3713	Truck and bus bodies	3.9	4.2	3.3	3.4	3.3
3714	Motor vehicle parts and accessories	66.2	66.2	58.8	59.7	59.4
372	Aircraft and parts	123.6	124.2	119.9	111.5	111.5
3721	Aircraft	66.9	67.7	66.1	64.8	64.9
3724	Aircraft engines and engine parts	29.2	29.0	26.1	25.8	25.9
3728	Aircraft equipment, nec	27.5	27.5	27.2	26.9	27.0
373	Ship and boat building and repairing	24.0	24.9	23.1	23.5	23.2
3731	Ship building and repairing	17.7	18.6	17.0	17.3	17.0
374	Railroad equipment	6.0	5.9	4.2	4.1	4.1
376	Guided missiles, space vehicles, parts	27.1	27.3	29.0	29.2	29.8
3761	Guided missiles and space vehicles	22.0	22.2	23.6	23.9	24.3
379	Miscellaneous transportation equipment	7.8	7.8	7.1	7.1	7.2
38	INSTRUMENTS AND RELATED PRODUCTS	109.2	112.3	103.1	103.2	104.1
381	Engineering and scientific instruments	24.5	24.6	24.2	24.2	24.1
382	Measuring and controlling devices	111.2	111.3	105.7	105.6	105.2
3822	Environmental controls	24.1	23.9	20.9	21.1	21.1
3823	Process control instruments	20.3	21.0	19.7	19.6	19.6
3825	Instruments to measure electricity	48.1	48.9	48.1	47.9	47.8
383	Optical instruments and lenses	11.4	11.6	11.6	11.6	11.7
384	Medical instruments and supplies	86.6	87.1	88.5	88.1	88.4
3841	Surgical and medical instruments	42.8	43.1	43.1	43.3	44.0
3842	Surgical appliances and supplies	15.7	16.0	17.4	17.0	16.7
385	Ophthalmic goods	24.9	24.5	22.1	22.1	22.4
386	Photographic equipment and supplies	39.1	40.6	40.2	40.5	41.5
387	Watches, clocks, and watchbands	11.5	11.4	10.8	10.7	11.0
39	MISCELLANEOUS MANUFACTURING INDUSTRIES	191.6	194.1	178.9	177.9	178.4
391	Jewelry, silverware, and plated ware	25.8	25.9	25.4	25.1	25.3
393	Musical instruments	9.9	10.0	9.1	9.0	8.6
394	Toys and sporting goods	62.1	63.2	55.7	56.0	56.3
3942, 4	Dolls, games, toys, and children's vehicles	33.3	34.5	28.7	29.1	30.0
3949	Sporting and athletic goods, nec	28.8	28.6	27.0	26.9	26.3
395	Pens, pencils, office and art supplies	20.6	20.2	19.2	18.8	18.9
396	Costume jewelry and notions	26.8	26.9	23.0	23.1	23.7
399	Miscellaneous manufactures	47.0	47.9	46.5	45.5	45.9
	NONDURABLE GOODS					
20	FOOD AND KINDRED PRODUCTS	479.8	489.8	479.7	469.5	479.3
201	Meat products	116.2	117.0	110.7	111.1	113.4
2011	Meat packing plants	27.9	28.4	26.6	27.1	26.6
2013	Sausages and other prepared meats	20.9	21.4	20.4	21.0	21.2
2016	Poultry dressing plants	59.9	60.5	57.2	58.1	59.6
202	Dairy products	36.9	36.2	35.5	36.2	37.1
2026	Fluid milk	16.9	17.1	15.9	16.1	16.4
203	Preserved fruits and vegetables	86.5	88.1	79.8	81.1	86.2
2032	Canned specialties	8.3	8.1	7.8	8.0	8.0
2033	Canned fruits and vegetables	28.6	29.5	26.8	27.1	31.0
2037	Frozen fruits and vegetables	21.2	22.4	18.8	20.6	21.5
204	Grain mill products	28.9	28.3	28.1	28.2	28.7
205	Bakery products	57.0	57.7	57.4	57.7	58.6
2051	Bread, cake, and related products	38.9	38.6	38.2	38.9	39.1
2052	Cookies and crackers	19.0	19.1	19.2	18.8	19.3
206	Sugar and confectionery products	38.5	38.6	37.3	37.7	38.3
207	Fats and oils	5.8	5.7	5.7	5.9	5.8
208	Beverages	41.1	41.6	41.1	41.5	42.0
2082	Malt beverages	7.5	7.6	8.2	8.5	9.4
2086	Bottled and canned soft drinks	18.5	18.6	15.5	15.7	15.9
209	Misc. foods and kindred products	68.9	73.6	61.9	64.1	66.3
21	TOBACCO MANUFACTURES	22.9	23.0	21.0	21.0	21.4
211	Cigarettes	14.8	15.3	11.9	11.7	12.4

B-3. Women employees on nonagricultural payrolls by industry – Continued

(In thousands)

1972 SIC Code	Industry	May 1981	June 1981	Apr. 1982	May 1982	June 1982
22	TEXTILE MILL PRODUCTS	353.1	396.6	366.7	361.4	395
221	Weaving mills, cotton	61.3	61.6	57.0	55.7	61
222	Weaving mills, synthetics	46.6	46.5	42.8	39.8	46
223	Weaving and finishing mills, wool	7.4	7.5	6.9	6.7	6
224	Narrow fabric mills	14.3	14.4	13.6	13.6	13
225	Knitting mills	140.9	142.6	130.9	132.5	138
2251	Women's hosiery, except socks	28.6	28.8	23.1	23.9	28
2252	Hosiery, nec	23.8	24.1	22.1	22.1	23
2253	Knit outerwear mills	50.4	51.3	48.1	49.3	50
2254	Knit underwear mills	22.7	23.0	20.2	20.3	23
2257	Circular knit fabric mills	11.4	11.3	10.0	9.9	9
226	Textile finishing, except wool	21.2	21.5	20.1	20.5	21
2261	Finishing plants, cotton	9.2	9.6	9.1	9.8	9
2262	Finishing plants, synthetics	6.1	6.1	5.6	5.8	6
227	Floor covering mills	22.4	22.3	20.9	20.9	23
228	Yarn and thread mills	59.9	60.5	56.3	55.2	59
2281	Yarn mills, except wool	38.4	38.5	36.7	35.6	37
2282	Throwing and winding mills	11.7	12.0	10.5	10.4	11
229	Miscellaneous textile goods	19.3	19.7	17.9	17.4	18
23	APPAREL AND OTHER TEXTILE PRODUCTS	1,019.7	1,026.9	982.8	984.1	1,017
231	Men's and boys' suits and coats	59.2	60.3	58.0	57.9	58
232	Men's and boys' furnishings	296.8	300.7	275.3	278.1	283
2321	Men's and boys' shirts and lightwear	84.7	86.1	80.8	80.7	81
2327	Men's and boys' separate trousers	60.6	61.0	57.0	57.7	57
2328	Men's and boys' work clothing	65.1	66.3	77.3	78.3	77
233	Women's and misses' outerwear	353.3	355.4	322.4	320.7	323
2331	Women's and misses' blouses and waists	56.0	55.7	52.2	52.7	53
2335	Women's and misses' dresses	120.7	122.0	115.2	110.5	113
2337	Women's and misses' suits and coats	51.1	52.8	38.4	43.0	45
2339	Women's and misses' outerwear, nec	125.5	124.9	116.6	114.5	111
234	Women's and children's undergarments	78.1	79.0	75.8	76.3	77
2341	Women's and children's underwear	63.1	63.7	62.0	61.5	61
2342	Brassieres and allied garments	15.0	15.3	13.9	12.8	15
236	Children's outerwear	56.9	56.9	53.7	53.0	53
2361	Children's dresses and blouses	23.6	24.2	22.4	23.1	23
238	Misc. apparel and accessories	40.6	40.6	40.6	39.5	42
239	Misc. fabricated textile products	112.3	114.0	103.7	104.2	110
2391	Curtains and draperies	21.0	21.3	18.4	18.8	19
2392	House furnishings, nec	30.1	30.5	29.8	29.5	29
2396	Automotive and apparel trimmings	16.8	17.0	13.0	13.7	14
26	PAPER AND ALLIED PRODUCTS	160.9	162.4	154.0	154.0	157
261, 2	Paper and pulp mills	27.8	28.7	26.8	26.8	27
262	Paper mills, except building paper	24.9	25.7	24.2	24.1	24
263	Paperboard mills	5.9	6.1	5.6	5.6	5
264	Misc. converted paper products	78.4	78.8	76.5	76.3	79
265	Paperboard containers and boxes	44.8	45.8	45.1	45.3	47
27	PRINTING AND PUBLISHING	503.6	505.3	516.3	517.6	516
271	Newspapers	159.2	161.0	164.6	165.2	166
272	Periodicals	55.6	56.1	59.3	59.0	58
273	Books	54.8	53.9	54.8	54.1	53
274	Miscellaneous publishing	26.8	26.8	27.5	27.2	27
275	Commercial printing	132.4	132.0	135.0	134.9	133
2751	Commercial printing, letterpress	52.3	52.5	51.9	51.7	51
2752	Commercial printing, lithographic	73.7	73.1	76.3	76.6	75
276	Manifold business forms	15.7	15.9	15.7	15.7	15
278	Blankbooks and bookbinding	33.3	33.4	34.0	33.8	33
279	Printing trade services	11.3	11.9	12.6	12.7	12
28	CHEMICALS AND ALLIED PRODUCTS	261.7	267.7	280.3	280.7	281
281	Industrial inorganic chemicals	24.1	24.5	24.1	24.1	24
2819	Industrial inorganic chemicals, nec	16.3	16.4	16.1	16.1	16
282	Plastics materials and synthetics	42.7	43.3	41.3	41.2	43
2821	Plastics materials and resins	11.3	11.5	11.1	11.0	11
2824	Organic fibers, noncellulosic	21.9	22.1	21.9	21.8	21
283	Drugs	85.5	90.6	85.7	86.2	86
2834	Pharmaceutical preparations	71.8	72.7	72.1	72.1	72
284	Soap, cleaners, and toilet goods	59.2	60.2	57.3	57.2	59
2841	Soap and other detergents	9.9	10.1	9.6	9.5	11
2844	Toilet preparations	36.7	37.5	35.7	35.6	36
285	Paints and allied products	12.3	12.5	11.5	11.7	11
286	Industrial organic chemicals	27.3	27.8	28.2	28.0	27
2861-9	Gum, wood, and industrial organic chemicals, nec	22.6	23.1	23.7	23.5	23
287	Agricultural chemicals	10.9	11.0	10.9	10.9	11
289	Miscellaneous chemical products	21.7	21.8	21.3	21.4	21

B-3. Women employees on nonagricultural payrolls by industry – Continued

(In thousands)

1972 SIC Code	Industry	May 1981	June 1981	Apr. 1982	May 1982	June 1982
29	PETROLEUM AND COAL PRODUCTS	30.8	31.7	31.6	32.1	32.5
291	Petroleum refining	25.6	26.3	26.2	26.9	27.1
30	RUBBER AND MISC. PLASTICS PRODUCTS	260.9	266.3	244.1	245.6	247.2
301	Tires and inner tubes	10.1	10.5	9.3	9.2	9.3
302	Rubber and plastics footwear	13.8	14.0	12.9	12.9	13.1
3014	Reclaimed rubber and rubber and plastics hose and belting	6.1	7.5	5.1	5.2	5.1
306	Fabricated rubber products, nec	36.6	37.2	33.5	33.3	33.9
307	Miscellaneous plastics products	194.1	197.1	183.3	185.0	185.7
31	LEATHER AND LEATHER PRODUCTS	141.1	141.4	126.9	127.5	129.6
311	Leather tanning and finishing	2.9	3.0	2.8	2.8	2.7
314	Footwear, except rubber	95.9	97.4	85.9	85.9	88.0
3143	Men's footwear, except athletic	36.2	36.8	32.2	31.1	32.1
3144	Women's footwear, except athletic	37.1	38.3	32.6	33.7	34.5
316	Luggage	8.1	8.5	7.3	7.8	7.8
317	Handbags and personal leather goods	20.8	20.9	18.1	18.4	18.5
	TRANSPORTATION AND PUBLIC UTILITIES	1,332	1,346	1,335	1,347	1,348
41	LOCAL AND INTERURBAN PASSENGER TRANSIT	73.1	68.6	78.1	85.0	79.1
411	Local and suburban transportation	15.2	15.3	16.7	16.9	15.8
412	Taxicabs	6.7	6.7	6.7	6.8	6.5
413	Intercity highway transportation	4.8	5.0	4.7	4.8	4.9
415	School buses	43.2	38.3	46.6	52.7	47.2
42	TRUCKING AND WAREHOUSING	151.9	154.1	151.7	152.2	153.6
421,3	Trucking and trucking terminals	136.6	138.8	135.1	135.7	137.3
422	Public warehousing	15.3	15.5	16.6	16.5	16.6
44	WATER TRANSPORTATION	23.1	24.2	25.0	25.4	26.0
45	TRANSPORTATION BY AIR	149.7	151.2	149.4	148.6	149.0
451,2	Air transportation	141.0	142.1	139.9	137.9	138.1
46	PIPE LINES, EXCEPT NATURAL GAS	3.1	3.2	3.1	3.1	3.3
47	TRANSPORTATION SERVICES	97.6	101.4	112.2	111.6	111.2
48	COMMUNICATION	645.1	650.8	627.8	628.7	630.2
481	Telephone communication	552.3	555.9	525.8	524.7	525.0
483	Radio and television broadcasting	66.6	67.8	71.5	73.0	73.9
49	ELECTRIC, GAS, AND SANITARY SERVICES	161.1	165.0	160.8	160.6	172.9
491	Electric services	75.8	76.9	79.8	80.2	81.2
492	Gas production and distribution	38.0	39.4	39.6	39.8	41.0
493	Combination utility services	16.4	17.3	17.3	16.7	17.9
496	Sanitary services	6.0	6.3	6.7	6.5	6.8
	WHOLESALE AND RETAIL TRADE	8,903	8,979	9,000	9,106	9,117
50,51	WHOLESALE TRADE	1,387	1,396	1,401	1,406	1,417
50	WHOLESALE TRADE DURABLE GOODS	771	775	780	778	779
501	Motor vehicles and automotive equipment	87.5	88.4	90.7	90.8	91.9
502	Furniture and home furnishings	44.0	43.6	45.8	45.5	45.5
503	Lumber and construction materials	36.3	36.6	36.5	36.5	37.0
504	Sporting goods, toys, and hobby goods	28.2	28.2	28.1	27.9	28.5
505	Metals and minerals, except petroleum	29.3	29.6	28.2	27.9	27.6
506	Electrical goods	126.3	127.4	129.3	128.3	128.9
507	Hardware, plumbing, and heating equipment	65.8	65.8	68.7	68.5	68.7
508	Machinery, equipment, and supplies	308.9	309.5	314.8	314.5	314.8
509	Miscellaneous durable goods	46.1	46.2	46.0	46.0	45.1
51	WHOLESALE TRADE NONDURABLE GOODS	616	621	621	628	626
511	Paper and paper products	48.7	49.0	50.2	50.4	49.4
512	Drugs, proprietaries, and sundries	65.4	65.5	67.1	67.1	67.0
513	Apparel, piece goods, and notions	82.5	83.4	83.8	83.3	85.2
514	Groceries and related products	155.3	157.9	149.1	156.8	158.1
516	Chemicals and allied products	35.4	35.9	37.7	37.6	37.3
517	Petroleum and petroleum products	54.0	54.8	55.3	55.7	54.0
518	Beer, wine, and distilled beverages	22.0	22.2	21.9	21.9	22.1
519	Miscellaneous nondurable goods	118.7	118.8	122.8	121.9	121.4

B-3. Women employees on nonagricultural payrolls by industry – Continued

(In thousands)

1972 SIC Code	Industry	May 1981	June 1981	Apr. 1982	May 1982	June 1982
52-59	RETAIL TRADE	7,516	7,585	7,599	7,700	7,7
52	BUILDING MATERIALS AND GARDEN SUPPLIES	166.8	164.2	157.9	160.7	15
521	Lumber and other building materials	65.3	66.0	61.9	63.3	6
525	Hardware stores	55.7	56.0	54.5	54.9	5
53	GENERAL MERCHANDISE STORES	1,400.5	1,413.0	1,456.1	1,467.6	1,476
531	Department stores	1,141.0	1,151.7	1,200.8	1,210.0	1,219
533	Variety stores	179.5	179.1	170.2	171.3	169
539	Misc. general merchandise stores	80.0	82.2	85.1	86.3	33
54	FOOD STORES	1,035.8	1,047.4	1,054.5	1,067.1	1,081
541	Grocery stores	866.2	876.8	884.7	893.7	905
542	Meat markets and freezer provisioners	16.9	17.4	16.8	17.2	15
546	Retail bakeries	81.6	81.5	80.9	82.4	83
55	AUTOMOTIVE DEALERS AND SERVICE STATIONS	304.4	307.0	310.2	312.7	313
551,2	New and used car dealers	111.7	112.0	107.8	108.4	109
553	Auto and home supply stores	48.1	48.3	49.7	50.4	51
554	Gasoline service stations	128.8	130.6	137.5	138.6	141
56	APPAREL AND ACCESSORY STORES	663.0	663.7	662.4	664.6	667
561	Men's and boys' clothing and furnishings	55.8	56.0	55.3	55.6	56
562	Women's ready-to-wear stores	311.3	309.5	304.6	308.8	309
565	Family clothing stores	132.4	133.7	132.7	132.2	133
566	Shoe stores	84.7	86.8	89.6	88.3	33
57	FURNITURE AND HOME FURNISHING STORES	203.1	201.1	203.4	203.7	203
571	Furniture and home furnishings stores	135.7	135.5	134.8	135.0	133
572	Household appliance stores	21.6	21.8	22.9	22.4	22
573	Radio, television, and music stores	45.8	43.8	45.7	46.3	46
58	EATING AND DRINKING PLACES	2,692.7	2,742.1	2,678.7	2,741.6	2,739
59	MISCELLANEOUS RETAIL	1,049.3	1,046.1	1,075.7	1,082.4	1,078
591	Drug stores and proprietary stores	309.4	311.7	314.2	313.0	313
592	Liquor stores	35.1	36.2	35.9	36.1	35
594	Miscellaneous shopping goods stores	363.8	364.0	379.9	384.3	384
598	Nonstore retailers	156.3	157.5	165.0	163.4	162
598	Fuel oil dealers	23.1	22.9	24.4	24.3	24
599	Retail stores, nec	140.4	132.3	135.5	140.1	133
	FINANCE, INSURANCE, AND REAL ESTATE	3,147	3,176	3,188	3,196	3,2
60	BANKING	1,152.3	1,162.9	1,166.5	1,168.4	1,179
602	Commercial and stock savings banks	1,059.7	1,069.4	1,072.6	1,074.5	1,084
61	CREDIT AGENCIES OTHER THAN BANKS	400.7	402.5	406.2	407.0	409
612	Savings and loan associations	196.6	196.9	203.4	204.1	205
614	Personal credit institutions	132.1	132.7	128.5	128.4	129
62	SECURITY, COMMODITY BROKERS AND SERVICES	107.6	109.6	120.7	121.5	123
621	Security brokers and dealers	87.8	89.7	100.4	100.9	102
63	INSURANCE CARRIERS	753.8	755.9	746.6	745.5	747
631	Life insurance	303.4	305.2	301.0	301.2	302
632	Medical service and health insurance	103.3	103.4	101.8	102.0	102
633	Fire, marine, and casualty insurance	296.8	297.1	296.3	295.1	295
64	INSURANCE AGENTS, BROKERS, AND SERVICE	290.0	293.3	300.1	302.3	305
65	REAL ESTATE	367.8	376.7	368.2	370.9	382
651	Real estate operators and lessors	146.6	150.8	153.9	154.2	159
653	Real estate agents and managers	171.6	175.6	167.9	170.2	175
655	Subdividers and developers	35.3	35.8	33.9	34.0	35
66	COMBINED REAL ESTATE, INSURANCE, ETC.	11.8	11.8	11.8	11.7	11
67	HOLDING AND OTHER INVESTMENT OFFICES	63.4	63.4	67.7	68.4	59
	SERVICES	10,943	10,975	11,274	11,289	11,3
70	HOTELS AND OTHER LODGING PLACES	612.5	638.7	593.6	607.6	633
701	Hotels, motels, and tourist courts	592.8	612.4	576.6	588.8	607

B-3. Women employees on nonagricultural payrolls by industry – Continued

[In thousands]

1972 SIC Code	Industry	May 1981	June 1981	Apr. 1982	May 1982	June 1982
72	PERSONAL SERVICES	623.1	621.7	657.1	634.6	635.2
721	Laundry, cleaning, and garment services	225.1	225.8	220.1	222.5	222.7
723	Beauty shops	251.1	250.3	263.8	263.1	259.1
726	Funeral service and crematories	18.8	19.5	20.4	20.6	20.8
73	BUSINESS SERVICES	1,404.8	1,415.6	1,424.8	1,426.0	1,429.0
731	Advertising	74.1	74.3	77.5	78.3	78.8
732	Credit reporting and collection	54.4	54.2	53.1	53.6	54.2
733	Mailing, reproduction, stenographic	61.9	62.8	66.2	64.7	64.3
734	Services to buildings	195.7	197.5	202.5	204.9	206.6
736	Personnel supply services	366.4	367.0	349.8	345.5	341.9
737	Computer and data processing services	152.6	156.2	170.6	169.6	169.7
75	AUTO REPAIR, SERVICES, AND GARAGES	96.0	96.0	98.1	99.0	99.8
753	Automotive repair shops	43.5	43.7	48.3	48.4	49.0
76	MISCELLANEOUS REPAIR SERVICES	58.2	57.8	59.1	58.7	58.4
78	MOTION PICTURES	85.5	87.7	81.7	81.7	87.6
781	Motion picture production and services	25.4	25.2	25.8	24.7	26.8
783	Motion picture theaters	53.8	56.3	49.7	50.8	54.8
79	AMUSEMENT AND RECREATION SERVICES	313.6	338.4	325.7	345.3	375.3
80	HEALTH SERVICES	4,474.4	4,524.2	4,661.9	4,674.2	4,723.4
801	Offices of physicians	604.9	612.7	636.0	636.3	644.9
802	Offices of dentists	307.0	308.2	324.7	326.1	329.7
805	Nursing and personal care facilities	907.6	916.1	932.2	938.7	948.3
806	Hospitals	2,318.9	2,348.5	2,414.0	2,415.3	2,439.9
81	LEGAL SERVICES	370.1	380.7	390.0	392.5	401.3
82	EDUCATIONAL SERVICES	638.5	576.9	676.6	661.4	588.3
821	Elementary and secondary schools	211.0	200.4	204.7	207.1	194.2
822	Colleges and universities	359.8	309.9	401.6	384.0	321.7
83	SOCIAL SERVICES	864.9	848.8	879.4	885.2	866.5
89	MISCELLANEOUS SERVICES	342.7	347.3	367.6	358.0	362.2
891	Engineering and architectural services	123.9	127.7	127.1	127.5	130.0
893	Accounting, auditing, and bookkeeping	157.6	158.4	178.4	169.2	170.2
	GOVERNMENT	8,009	7,806	7,877	7,867	7,730
	FEDERAL GOVERNMENT	881	895	878	880	1,036
	STATE AND LOCAL GOVERNMENT	7,128	6,911	6,999	6,987	6,734
	State government	1,685.5	1,597.7	1,677.3	1,648.9	1,552.8
	Hospitals	325.7	327.0	322.1	320.4	323.4
	State education	699.2	605.9	702.9	677.0	593.1
	General administration including executive, legislative, and judicial functions	440.8	442.3	440.2	435.4	433.8
	Local government	5,442.7	5,313.5	5,321.3	5,342.4	5,191.0
	Transportation and public utilities	92.8	93.1	96.5	96.6	97.2
	Hospitals	505.3	510.8	523.5	523.9	528.1
	Local education	3,647.4	3,478.3	3,557.8	3,574.1	3,378.3
	General administration including executive, legislative, and judicial functions	974.9	1,006.1	953.7	957.9	935.5

ESTABLISHMENT DATA
SEASONALLY ADJUSTED EMPLOYMENT

B-4. Employees on nonagricultural payrolls by industry division and major manufacturing group, seasonally adjusted

(In thousands)

Industry division and group	1981					1982							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July p	Aug. p
TOTAL	91,322	91,363	91,224	90,996	90,642	90,460	90,459	90,304	90,083	90,166	89,839	89,662	89,451
GOODS PRODUCING	25,637	25,583	25,393	25,176	24,906	24,684	24,631	24,450	24,285	24,255	23,998	23,840	23,739
MINING	1,180	1,192	1,195	1,202	1,206	1,201	1,203	1,197	1,182	1,162	1,134	1,137	1,099
* CONSTRUCTION	4,146	4,124	4,101	4,071	4,026	3,966	3,976	3,934	3,938	3,986	3,943	3,923	3,877
MANUFACTURING	20,311	20,267	20,097	19,903	19,676	19,517	19,454	19,319	19,169	19,115	18,933	18,784	18,739
DURABLE GOODS	12,226	12,184	12,059	11,901	11,724	11,622	11,575	11,496	11,375	11,332	11,201	11,117	11,127
Lumber and wood products	671	661	643	628	615	607	611	607	615	617	615	618	619
Furniture and fixtures	475	473	469	462	457	452	449	446	443	443	442	442	443
Stone, clay, and glass products	643	633	629	620	610	596	596	590	584	586	581	583	582
Primary metal industries	1,134	1,125	1,104	1,082	1,053	1,038	1,024	1,007	976	945	928	913	885
Fabricated metal products	1,610	1,604	1,577	1,553	1,529	1,515	1,501	1,496	1,481	1,472	1,452	1,447	1,437
Machinery, except electrical	2,532	2,539	2,532	2,511	2,486	2,459	2,446	2,419	2,389	2,377	2,322	2,276	2,247
Electric and electronic equipment	2,116	2,113	2,101	2,077	2,049	2,055	2,044	2,038	2,034	2,034	2,025	2,021	2,030
Transportation equipment	1,901	1,884	1,861	1,830	1,791	1,777	1,776	1,774	1,748	1,755	1,745	1,763	1,795
Instruments and related products	734	734	731	727	725	720	718	716	713	713	708	708	708
Miscellaneous manufacturing ind.	412	413	412	411	409	403	400	397	392	390	383	333	387
NONDURABLE GOODS	8,085	8,083	8,038	8,002	7,952	7,895	7,879	7,829	7,794	7,783	7,727	7,667	7,702
Food and kindred products	1,659	1,658	1,662	1,669	1,661	1,657	1,663	1,658	1,693	1,652	1,632	1,648	1,678
Tobacco manufactures	70	69	69	69	68	69	68	68	67	67	67	65	64
Textile mill products	829	827	814	804	794	780	777	760	773	759	741	741	736
Apparel and other textile products	1,253	1,253	1,243	1,235	1,222	1,201	1,201	1,186	1,165	1,165	1,161	1,159	1,161
Paper and allied products	691	695	685	681	677	674	670	669	664	661	659	659	659
Printing and publishing	1,271	1,274	1,276	1,276	1,276	1,275	1,276	1,278	1,274	1,274	1,269	1,256	1,267
Chemicals and allied products	1,107	1,110	1,107	1,103	1,100	1,095	1,093	1,088	1,082	1,079	1,071	1,069	1,071
Petroleum and coal products	216	216	215	215	214	210	208	207	206	207	205	205	207
Rubber and misc. plastics products	752	745	734	725	716	712	708	703	706	706	704	703	698
Leather and leather products	235	235	233	230	224	222	215	211	214	211	212	235	206
SERVICE PRODUCING	65,685	65,780	65,831	65,820	65,736	65,776	65,828	65,854	65,798	65,911	65,841	65,822	65,721
TRANSPORTATION AND PUBLIC UTILITIES	5,168	5,181	5,162	5,150	5,128	5,125	5,115	5,100	5,084	5,101	5,078	5,081	5,078
WHOLESALE AND RETAIL TRADE	20,650	20,663	20,654	20,623	20,524	20,630	20,670	20,655	20,584	20,652	20,596	20,613	20,511
WHOLESALE TRADE	5,387	5,383	5,380	5,375	5,357	5,386	5,393	5,336	5,323	5,331	5,307	5,338	5,339
RETAIL TRADE	15,263	15,277	15,274	15,248	15,167	15,284	15,327	15,319	15,261	15,321	15,289	15,315	15,252
FINANCE, INSURANCE, AND REAL ESTATE	5,319	5,328	5,325	5,324	5,331	5,326	5,326	5,336	5,335	5,342	5,352	5,359	5,370
SERVICES	18,654	18,707	18,773	18,815	18,834	18,831	18,867	18,904	18,929	18,963	18,988	19,057	19,077
GOVERNMENT	15,894	15,904	15,917	15,908	15,917	15,864	15,850	15,859	15,852	15,853	15,832	15,713	15,765
FEDERAL	2,769	2,764	2,757	2,749	2,756	2,741	2,737	2,736	2,730	2,728	2,719	2,733	2,721
STATE AND LOCAL	13,125	13,140	13,160	13,159	13,161	13,123	13,113	13,123	13,122	13,125	13,093	12,980	13,044

p = preliminary

B-5. Women employees on nonagricultural payrolls by industry division and major manufacturing group, seasonally adjusted

(In thousands)

Industry division and group	1981							1982					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
TOTAL	39,039	39,101	39,199	39,167	39,198	39,139	39,098	39,089	39,147	39,150	39,093	39,101	39,195
GOODS PRODUCING	6,890	6,930	6,927	6,909	6,871	6,814	6,759	6,712	6,692	6,653	6,601	6,593	6,638
MINING	128	131	133	135	137	138	141	140	141	142	141	141	138
CONSTRUCTION	381	383	383	382	381	381	381	384	382	382	384	381	381
MANUFACTURING	6,381	6,416	6,411	6,392	6,353	6,295	6,237	6,188	6,169	6,126	6,076	6,359	6,311
DURABLE GOODS	3,066	3,087	3,087	3,074	3,050	3,008	2,972	2,957	2,942	2,922	2,894	2,881	2,865
Lumber and wood products	104	104	103	100	98	95	94	93	92	91	91	91	91
Furniture and fixtures	143	145	144	142	142	139	137	136	135	135	133	134	133
Stone, clay, and glass products	127	127	128	126	126	123	122	120	120	119	117	117	115
Primary metal industries	127	126	126	125	122	119	116	113	112	110	107	107	105
Fabricated metal products	342	344	342	340	333	326	320	317	315	313	309	308	307
Machinery, except electrical	512	514	519	520	520	517	511	507	505	503	503	499	493
Electric and electronic equipment	893	904	905	905	898	884	874	860	876	870	867	859	860
Transportation equipment	312	314	314	312	308	304	298	296	295	293	287	286	288
Instruments and related products	308	311	313	312	311	310	309	307	306	304	301	303	301
Miscellaneous manufacturing, nec	192	198	193	192	192	191	191	188	186	184	183	178	176
NONDURABLE GOODS	3,315	3,337	3,324	3,318	3,303	3,287	3,265	3,231	3,227	3,204	3,180	3,178	3,172
Food and kindred products	500	503	497	492	499	501	500	496	493	499	491	495	490
Tobacco manufactures	26	26	26	25	25	25	25	25	24	24	24	24	24
Textile mill products	394	398	394	394	388	383	378	370	368	362	367	354	353
Apparel and other textile products	1,010	1,014	1,012	1,012	1,004	998	988	971	971	958	939	938	935
Paper and allied products	160	162	162	163	160	158	158	157	157	156	155	154	151
Printing and publishing	505	508	510	512	513	513	515	516	518	518	518	519	517
Chemicals and allied products	285	285	284	285	285	285	285	284	284	283	282	281	280
Petroleum and coal products	31	31	31	32	32	32	32	32	33	33	32	32	31
Rubber and misc. plastics products	264	267	267	263	258	254	250	247	245	244	245	247	245
Leather and leather products	140	143	141	140	139	138	134	133	128	127	127	125	126
SERVICE PRODUCING	32,149	32,243	32,272	32,278	32,327	32,325	32,339	32,377	32,455	32,500	32,492	32,586	32,659
TRANSPORTATION AND PUBLIC UTILITIES	1,339	1,342	1,348	1,355	1,355	1,351	1,358	1,338	1,339	1,339	1,342	1,348	1,341
WHOLESALE AND RETAIL TRADE	8,984	9,021	9,043	9,057	9,066	9,049	9,022	9,084	9,129	9,130	9,119	9,156	9,179
WHOLESALE TRADE	1,393	1,396	1,403	1,406	1,407	1,412	1,408	1,405	1,408	1,409	1,411	1,410	1,409
RETAIL TRADE	7,591	7,625	7,640	7,651	7,659	7,637	7,614	7,679	7,721	7,721	7,707	7,746	7,770
FINANCE, INSURANCE, AND REAL ESTATE	3,159	3,169	3,172	3,182	3,183	3,186	3,189	3,195	3,185	3,190	3,194	3,232	3,231
SERVICES	10,927	10,972	10,989	11,028	11,086	11,113	11,135	11,151	11,192	11,216	11,229	11,235	11,265
GOVERNMENT	7,740	7,739	7,720	7,656	7,637	7,626	7,635	7,619	7,610	7,625	7,609	7,627	7,710
FEDERAL	875	878	879	880	876	874	881	877	875	876	873	876	1,319
STATE AND LOCAL	6,865	6,861	6,841	6,776	6,761	6,752	6,754	6,742	6,735	6,749	6,736	6,751	6,709

ESTABLISHMENT DATA
SEASONALLY ADJUSTED EMPLOYMENT

B-6. Production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division and major manufacturing group, seasonally adjusted

(In thousands)

Industry division and group	1981					1982							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July p	Aug. p
TOTAL PRIVATE	61,168	61,180	61,017	60,775	60,401	60,248	60,282	60,132	59,923	60,025	59,756	59,713	59,391
GOODS PRODUCING	18,224	18,164	17,972	17,758	17,478	17,251	17,225	17,073	16,922	16,917	16,688	16,639	16,397
MINING	889	876	877	882	883	875	876	871	863	835	805	789	787
CONSTRUCTION	3,219	3,201	3,180	3,155	3,107	3,035	3,059	3,023	3,017	3,074	3,020	3,022	3,031
MANUFACTURING	14,136	14,087	13,915	13,717	13,488	13,341	13,290	13,179	13,042	13,008	12,863	12,828	12,579
DURABLE GOODS	8,389	8,345	8,218	8,061	7,885	7,793	7,759	7,685	7,576	7,553	7,441	7,413	7,330
Lumber and wood products	558	549	531	516	503	497	502	497	507	507	506	510	509
Furniture and fixtures	383	381	376	369	368	359	356	353	350	350	349	350	351
Stone, clay, and glass products	496	492	484	475	465	452	452	446	441	444	439	443	447
Primary metal industries	871	865	843	821	795	780	770	756	727	702	698	675	655
Fabricated metal products	1,188	1,182	1,156	1,133	1,110	1,096	1,089	1,091	1,069	1,063	1,046	1,045	1,032
Machinery, except electrical	1,607	1,606	1,598	1,576	1,552	1,526	1,514	1,490	1,460	1,454	1,409	1,373	1,368
Electric and electronic equipment	1,331	1,327	1,314	1,285	1,257	1,266	1,258	1,248	1,241	1,240	1,233	1,224	1,221
Transportation equipment	1,219	1,206	1,184	1,159	1,115	1,102	1,108	1,109	1,096	1,098	1,089	1,116	1,069
Instruments and related products	431	431	428	424	423	420	418	415	411	412	407	407	407
Miscellaneous manufacturing, nec	305	306	304	303	301	295	292	290	284	283	281	281	281
NONDURABLE GOODS	5,747	5,742	5,697	5,656	5,603	5,548	5,531	5,494	5,466	5,455	5,409	5,378	5,249
Food and kindred products	1,139	1,137	1,142	1,144	1,140	1,135	1,142	1,136	1,125	1,133	1,121	1,133	1,121
Tobacco manufactures	55	54	54	54	53	54	53	53	52	52	52	51	51
Textile mill products	718	717	704	693	683	670	667	651	662	650	633	614	620
Apparel and other textile products	1,066	1,066	1,056	1,049	1,036	1,018	1,018	1,006	987	995	980	951	882
Paper and allied products	520	525	515	511	506	504	501	499	496	493	483	480	489
Printing and publishing	699	701	702	700	700	699	699	701	698	699	696	694	692
Chemicals and allied products	630	629	625	621	616	612	609	609	602	600	595	592	595
Petroleum and coal products	134	134	133	132	131	125	124	124	123	123	122	122	124
Rubber and misc. plastics products	586	583	598	557	548	584	538	534	541	543	542	541	539
Leather and leather products	200	199	198	195	190	187	180	179	180	177	177	170	174
SERVICE PRODUCING	42,944	43,016	43,045	43,021	42,923	42,997	43,057	43,059	43,001	43,108	43,073	43,074	42,994
TRANSPORTATION AND PUBLIC UTILITIES	4,285	4,295	4,275	4,261	4,241	4,241	4,232	4,217	4,209	4,212	4,196	4,153	4,155
WHOLESALE AND RETAIL TRADE	18,049	18,059	18,053	18,016	17,920	18,011	18,061	18,051	17,996	18,065	18,014	18,038	17,928
WHOLESALE TRADE	4,381	4,376	4,373	4,367	4,348	4,332	4,327	4,317	4,301	4,309	4,287	4,280	4,267
RETAIL TRADE	13,668	13,683	13,680	13,649	13,572	13,679	13,734	13,734	13,695	13,756	13,727	13,758	13,661
FINANCE, INSURANCE, AND REAL ESTATE	4,018	4,023	4,019	4,013	4,014	4,007	4,003	4,004	3,999	3,998	4,012	4,010	4,015
SERVICES	16,592	16,639	16,698	16,731	16,748	16,738	16,761	16,787	16,797	16,833	16,853	16,896	16,896

[1] For coverage of series, see footnote 1, table B-2.

p = preliminary.

B-7. Indexes of diffusion: Percent of industries in which employment[1] increased

Year and month	Over 1-month span	Over 3-month span	Over 6-month span	Over 12-month span
1979				
January	64.2	66.5	72.3	73.7
February	61.6	68.3	71.0	73.4
March	63.5	65.1	68.8	69.3
April	51.6	65.9	63.7	69.5
May	61.5	62.1	69.4	68.7
June	62.4	63.4	63.9	67.3
July	54.3	58.1	58.1	57.3
August	53.5	46.4	49.2	51.9
September	48.9	53.8	49.7	50.2
October	61.8	51.6	53.6	49.1
November	50.1	54.0	51.6	48.6
December	51.1	51.1	47.8	51.9
1980				
January	53.6	50.1	49.3	51.9
February	48.9	47.3	54.1	52.3
March	49.2	53.7	49.1	51.9
April	29.3	28.4	43.1	43.9
May	32.8	29.1	36.5	41.3
June	29.6	29.3	38.8	41.3
July	35.2	34.1	35.8	41.7
August	64.9	51.9	44.1	41.8
September	61.0	69.3	59.1	41.8
October	62.8	60.1	71.7	49.5
November	59.4	64.1	64.0	50.9
December	54.6	58.9	63.0	60.6
1981				
January	56.7	51.5	64.5	73.9
February	48.7	53.3	61.9	74.0
March	51.1	61.0	57.2	71.4
April	65.3	57.4	63.7	62.1
May	65.3	71.4	60.2	64.0
June	54.0	63.8	67.9	63.1
July	59.9	59.4	61.9	65.2
August	50.1	57.0	59.0	58.5
September	50.3	41.1	53.9	51.5
October	34.7	40.5	44.1	41.2
November	28.1	26.3	27.7	27.7
December	31.2	23.4	29.2	33.9
1982				
January	32.5	28.0	21.8	23.4p
February	42.5	31.2	27.4	24.3p
March	35.8	33.0	27.4	
April	40.9	37.4	31.2p	
May	51.1	35.8	32.8p	
June	32.0	38.4p		
July	45.2p	34.4p		
August	44.8p			
September				
October				
November				
December				

[1] Number of employees, seasonally adjusted for 1, 3, and 6 month spans, on payrolls of 186 private nonagricultural industries.
p = preliminary.

NOTE: Figures are the percent of industries with employment rising. (Half of the unchanged components are counted as rising.) Data are centered within the spans.

ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT

B-6. Employees on nonagricultural payrolls for States and selected areas by industry division

(In thousands)

	State and areas	Total			Mining			Construction			Manufacturing		
		JULY 1981	JUNE 1982	JULY 1982P	JULY 1981	JUNE 1982	JULY 1982P	JULY 1981	JUNE 1982	JULY 1982P	JULY 1981	JUNE 1982	JULY 1982P
1	ALABAMA	1,354.0	1,335.0	1,320.4	16.0	16.5	16.3	67.1	65.8	63.5	384.9	383.3	374.9
2	Birmingham	363.3	357.4	357.0	8.3	8.5	8.4	19.4	18.9	19.0	59.3	59.2	58.7
3	Huntsville	123.4	124.2	123.6	(1)	(1)	(1)	4.1	4.0	4.1	36.8	37.0	36.1
4	Mobile	155.5	150.3	148.0	(1)	(1)	(1)	11.5	9.3	9.5	32.0	29.0	28.1
5	Montgomery	107.5	104.4	104.3	(1)	(1)	(1)	6.1	5.8	5.8	16.5	15.3	15.2
6	Tuscaloosa	93.7	90.9	90.0	2.9	2.8	2.7	2.6	2.0	2.1	8.2	7.7	7.9
7	ALASKA	192.2	190.2	189.4	7.9	8.6	9.0	14.8	16.2	17.5	19.9	19.1	17.5
8	ARIZONA	1,021.9	1,018.2	1,002.5	25.1	25.7	27.3	71.2	61.7	63.1	161.6	153.0	151.7
9	Phoenix	649.9	648.5	638.9	.9	.9	.9	48.2	41.7	40.2	118.1	111.2	113.3
10	Tucson	184.9	186.3	181.9	7.9	6.9	6.2	12.9	11.5	11.4	24.2	25.5	25.2
11	ARKANSAS	736.2	721.9	719.6	6.1	6.2	6.1	36.7	31.3	32.1	219.5	197.2	195.6
12	Fayetteville—Springdale	64.8	63.4	63.3	(1)	(1)	(1)	2.8	2.6	2.7	28.6	18.9	18.4
13	Fort Smith	80.1	84.6	84.2	1.1	1.3	1.3	2.9	2.2	2.3	24.1	20.3	19.7
14	Little Rock—North Little Rock	179.3	178.5	176.7	(1)	(1)	(1)	9.5	9.5	9.5	29.8	27.2	26.5
15	Pine Bluff	30.9	30.4	30.1	(1)	(1)	(1)	1.8	2.0	2.1	6.4	5.6	5.5
16	CALIFORNIA	10,017.9	10,042.9	9,940.4	69.2	68.3	68.7	434.0	379.7	376.9	2,044.1	1,933.2	1,932.8
17	Anaheim—Santa Ana—Garden Grove	861.2	869.7	856.7	2.7	3.0	3.0	50.3	43.8	43.2	229.7	218.4	217.9
18	Bakersfield	138.3	138.5	133.9	14.6	14.2	14.4	7.2	6.2	6.2	10.5	9.8	9.5
19	Fresno	181.3	182.0	179.1	1.0	1.1	1.1	10.4	9.2	9.1	24.3	21.7	22.6
20	Los Angeles—Long Beach	3,029.9	3,013.1	3,005.3	14.5	14.4	14.5	118.1	106.6	105.0	921.5	868.0	857.3
21	Modesto	90.7	87.6	89.9	.1	.1	.1	5.5	5.1	5.1	22.0	18.5	22.0
22	Oxnard—Simi Valley—Ventura	158.1	162.5	159.8	3.0	3.0	3.0	7.3	6.6	6.5	25.0	25.8	25.8
23	Riverside—San Bernardino—Ontario	431.8	437.8	428.2	2.2	1.7	1.6	23.9	21.7	21.9	65.0	60.5	60.2
24	Sacramento	401.9	406.5	399.0	.7	.7	.7	18.1	17.2	17.2	27.9	26.9	27.4
25	Salinas—Seaside—Monterey	90.4	92.5	91.8	.4	.4	.4	3.4	3.4	3.4	8.8	9.9	10.0
26	San Diego	657.9	659.9	643.5	.6	.5	.6	35.6	30.5	29.7	109.2	105.8	105.2
27	San Francisco—Oakland	1,570.5	1,586.5	1,565.9	4.1	4.4	4.5	26.8	23.9	24.4	199.4	192.5	191.7
28	San Jose	689.6	703.3	696.5	.1	.1	.1	25.6	22.5	23.0	249.8	250.8	254.5
29	Santa Barbara—Santa Maria—Lompoc	129.1	129.9	123.0	1.6	1.5	1.4	5.3	4.6	4.5	18.2	18.2	18.5
30	Santa Rosa	93.1	97.2	93.5	.5	.5	.5	6.3	5.0	5.0	15.3	15.8	15.7
31	Stockton	122.1	118.6	118.1	.4	.4	.4	6.0	5.7	5.7	23.8	19.8	22.1
32	Vallejo—Fairfield—Napa	101.9	103.1	101.1	.5	.5	.5	5.3	4.7	4.7	12.0	11.1	11.6
33	COLORADO	1,282.5	1,292.0	1,279.1	43.7	41.7	39.6	75.6	76.3	78.4	180.2	180.4	179.6
34	Denver—Boulder	820.7	831.6	823.2	28.5	28.1	28.0	43.3	46.2	46.3	128.8	128.4	125.9
35	CONNECTICUT	1,436.7	1,429.4	1,408.4	(2)	(2)	(2)	55.1	52.8	54.6	434.0	412.2	400.1
36	Bridgeport	169.2	168.0	166.8	(2)	(2)	(2)	6.7	6.6	6.8	65.2	62.6	62.6
37	Hartford	399.3	398.7	393.0	(2)	(2)	(2)	13.1	12.8	12.9	95.3	90.5	89.2
38	New Britain	61.5	60.8	58.6	(2)	(2)	(2)	2.5	2.5	2.6	28.4	25.8	25.0
39	New Haven—West Haven	186.0	188.5	186.9	(2)	(2)	(2)	6.8	6.7	7.0	41.3	38.8	39.0
40	Stamford	112.8	114.5	113.2	(2)	(2)	(2)	6.1	6.0	6.0	32.0	31.3	31.0
41	Waterbury	87.5	86.2	87.5	(2)	(2)	(2)	3.1	3.2	3.3	31.2	30.5	29.7
42	DELAWARE	269.6	259.2	261.4	(1)	(1)	(1)	14.2	15.4	15.6	72.5	66.7	69.6
43	Wilmington	230.3	225.5	226.7	(1)	(1)	(1)	14.5	15.2	15.7	66.0	59.8	62.2
44	DISTRICT OF COLUMBIA	629.3	608.5	625.6	(1)	(1)	(1)	12.1	12.0	11.9	15.1	14.5	14.5
45	Washington SMSA	1,628.7	1,605.2	1,617.4	(1)	(1)	(1)	80.4	69.4	71.4	59.4	60.9	61.1
46	FLORIDA	1,660.5	1,701.0	1,732.1	11.9	9.3	8.9	289.7	298.6	295.8	459.8	451.4	446.8
47	Daytona Beach	86.1	89.2	93.5				9.2	9.4	9.1	8.7	8.6	8.5
48	Fort Lauderdale—Hollywood	358.5	363.8	373.1	(1)	(1)	(1)	30.8	33.8	35.2	41.1	39.7	39.0
49	Fort Myers—Cape Coral	69.1	71.1	73.9	(1)	(1)	(1)	9.4	8.8	8.6	3.8	4.3	4.3
50	Gainesville	67.3	67.8	67.0	(1)	(1)	(1)	3.5	3.0	3.2	4.5	4.4	4.4
51	Jacksonville	296.3	302.5	296.7	(1)	(1)	(1)	18.4	17.8	17.7	34.7	33.0	32.9
52	Lakeland—Winter Haven	117.6	111.2	105.6	6.2	3.3	3.6	10.2	8.6	8.0	21.4	17.9	17.0
53	Melbourne—Titusville—Cocoa	107.6	104.3	105.0	(1)	(1)	(1)	6.7	5.7	5.6	23.8	24.2	23.9
54	Miami	740.3	725.0	719.5	(1)	(1)	(1)	40.3	34.4	34.2	98.9	96.8	96.4
55	Orlando	302.6	301.5	292.1	(1)	(1)	(1)	22.1	19.5	19.7	38.2	37.2	36.2
56	Pensacola	98.1	100.1	100.2	(1)	(1)	(1)	7.3	6.3	6.3	12.7	12.1	12.1
57	Sarasota	72.9	72.7	71.3	(1)	(1)	(1)	7.7	6.5	6.4	6.3	6.0	5.9
58	Tallahassee	74.6	73.7	71.8	(1)	(1)	(1)	3.8	3.5	3.9	2.8	2.8	2.8
59	Tampa—St. Petersburg	557.0	568.0	561.1	(1)	(1)	(1)	44.0	37.0	36.3	76.1	76.5	75.6
60	West Palm Beach—Boca Raton	213.8	214.7	208.3	(1)	(1)	(1)	20.5	18.1	17.6	28.1	28.2	27.7

See footnotes at end of table.

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
JULY 1981	JUNE 1982	JULY 1982P	JULY 1981	JUNE 1982	JULY 1982P	JULY 1981	JUNE 1982	JULY 1982P	JULY 1981	JUNE 1982	JULY 1982P	JULY 1981	JUNE 1982	JULY 1982P	
72.3	71.0	71.1	272.0	271.9	271.7	59.7	59.4	59.6	211.4	213.1	213.6	291.2	294.0	295.7	1
29.8	29.7	29.8	81.4	81.2	81.2	23.2	23.0	22.9	69.3	70.8	70.8	52.6	51.0	53.2	2
2.7	2.6	2.6	21.9	22.5	22.4	3.7	3.6	3.6	19.1	19.6	19.6	35.1	34.9	35.2	3
10.6	10.3	10.4	37.5	35.8	35.9	7.3	7.3	7.3	30.0	30.8	30.8	26.6	27.6	26.0	4
4.6	4.4	4.4	23.4	23.0	23.0	6.3	6.3	6.3	20.7	20.8	20.8	29.9	29.3	29.0	5
1.8	1.7	1.7	10.1	9.6	9.6	1.7	1.7	1.7	6.3	6.5	6.5	16.6	17.0	16.8	6
19.5	19.7	20.3	32.2	33.9	34.7	8.7	9.5	9.7	32.0	34.3	34.5	56.5	58.9	56.2	7
54.4	55.2	55.0	250.3	257.9	255.0	61.5	61.8	61.8	217.0	222.4	221.8	180.3	190.5	179.8	8
33.2	34.2	34.1	167.3	171.7	169.2	47.4	47.7	47.7	140.2	146.2	145.4	89.6	93.4	89.6	9
9.1	9.0	8.9	41.6	43.4	43.3	8.9	8.9	8.9	40.6	42.3	41.9	34.7	42.8	38.1	10
43.6	43.8	43.7	161.0	162.0	161.4	32.4	33.2	33.4	118.2	119.5	119.3	123.5	128.7	123.0	11
4.0	4.2	4.2	16.0	16.5	16.5	2.3	2.3	2.4	9.1	9.3	9.3	10.0	10.1	9.8	12
3.7	3.3	3.4	14.6	14.0	13.9	2.6	2.6	2.6	12.2	12.2	12.2	8.9	9.0	8.8	13
14.0	13.3	13.3	42.2	41.7	42.0	12.9	13.0	13.1	35.9	37.3	37.2	35.0	36.5	35.1	14
4.0	3.8	3.8	6.4	6.2	6.3	1.3	1.4	1.4	5.2	5.4	5.4	5.8	6.0	5.6	15
560.8	551.0	553.2	2,318.4	2,344.6	2,342.7	645.9	657.2	659.2	2,207.0	2,349.3	2,353.1	1,696.9	1,784.6	1,673.8	16
29.8	29.6	29.2	212.5	217.1	217.3	61.7	62.0	61.8	184.8	186.7	189.3	94.7	107.3	93.3	17
8.0	7.7	7.5	35.1	34.7	34.5	5.3	5.3	5.3	25.1	25.5	25.6	32.5	33.1	30.9	18
11.1	10.7	10.8	49.6	48.7	48.8	11.6	11.7	11.7	37.1	37.7	38.1	38.2	41.2	36.7	19
204.6	196.3	199.4	819.6	830.6	829.7	241.4	242.5	240.9	852.5	888.5	881.1	457.7	466.2	437.4	20
3.9	3.7	3.8	21.3	21.5	21.6	3.6	3.6	3.6	17.8	18.2	18.2	16.5	16.9	15.5	21
7.0	7.3	7.1	38.7	40.1	39.9	8.3	8.5	8.5	32.0	32.7	32.5	36.8	38.5	36.5	22
26.3	26.0	25.9	108.2	109.8	109.4	19.8	19.9	19.9	92.5	95.8	96.4	93.9	102.4	94.9	23
22.7	22.3	22.3	95.0	94.0	94.8	22.6	22.5	22.5	78.0	78.5	77.8	136.9	144.4	136.3	24
5.4	5.1	4.9	23.7	24.1	24.1	4.4	4.4	4.4	20.5	20.5	20.6	23.8	24.7	24.3	25
29.9	29.6	29.6	152.0	150.6	149.0	41.1	41.1	41.0	157.1	159.4	160.1	132.4	142.3	128.3	26
133.0	127.9	128.5	361.6	363.8	363.7	150.8	153.0	152.7	369.6	382.1	380.0	275.2	288.9	270.4	27
22.8	22.4	22.2	128.6	132.9	133.1	29.0	28.4	28.3	159.9	164.9	163.7	73.8	81.3	71.4	28
5.5	5.4	5.4	29.7	29.7	29.4	5.9	6.0	6.0	34.3	34.8	34.9	23.9	24.7	22.9	29
5.1	4.9	4.9	23.5	23.8	23.7	6.0	6.0	6.0	20.5	20.6	20.6	16.2	20.6	17.1	30
8.6	8.0	8.2	29.0	27.5	27.7	5.3	5.4	5.4	24.8	25.0	24.9	24.5	27.1	24.0	31
4.9	4.6	4.6	22.7	23.0	23.0	3.5	3.4	3.4	19.5	20.2	20.0	33.5	35.6	33.3	32
82.8	80.8	81.5	313.3	315.2	315.7	80.1	82.2	82.6	269.3	276.5	276.7	231.9	239.0	225.0	33
57.8	56.1	56.5	195.6	196.3	196.1	56.9	58.8	59.1	180.6	184.7	184.8	131.2	135.0	126.5	34
59.6	61.6	59.4	303.6	307.8	306.1	112.0	116.0	117.2	293.3	300.6	302.2	175.1	178.4	166.8	35
6.1	6.1	6.0	34.6	34.8	34.5	7.7	7.7	7.8	35.3	35.1	35.7	15.6	17.1	15.4	36
13.7	14.6	13.7	83.8	85.4	85.0	61.8	64.2	64.5	75.5	77.4	76.9	51.1	53.8	50.8	37
3.2	3.4	3.3	10.2	10.5	10.2	1.9	1.9	1.9	9.9	10.4	10.1	5.4	6.3	5.5	38
15.2	15.9	15.2	40.2	40.8	40.6	11.3	11.6	11.7	48.7	50.4	50.5	22.5	24.3	22.9	39
4.7	4.7	4.7	25.9	26.6	26.4	8.5	8.7	8.6	26.5	26.8	27.0	9.1	10.4	9.5	40
2.9	3.2	3.0	15.8	16.1	16.4	3.8	3.9	3.9	19.8	19.8	20.0	10.9	11.5	11.2	41
11.7	12.0	11.7	58.0	57.6	57.6	13.2	13.1	13.1	50.7	50.5	50.9	44.2	43.8	42.9	42
11.5	11.6	11.3	47.2	47.1	46.4	12.2	12.4	12.3	45.2	44.6	44.9	33.7	34.7	33.8	43
26.9	26.4	26.7	64.0	64.2	64.0	34.7	34.0	34.1	183.6	185.7	185.8	292.6	271.7	268.0	44
73.1	73.7	73.8	309.2	315.8	315.1	93.2	93.2	93.4	448.6	454.4	454.0	564.8	537.8	548.6	45
228.6	231.3	229.6	969.9	1,012.0	1,010.4	274.2	279.0	277.9	855.0	906.8	904.3	579.9	614.9	576.6	46
3.3	3.3	3.3	22.9	23.0	23.2	4.7	4.7	4.8	21.8	21.7	21.9	13.7	14.8	11.8	47
17.3	17.6	17.6	103.4	100.5	99.7	31.6	31.7	31.3	85.5	85.1	85.5	48.8	49.4	44.8	48
4.3	4.4	4.5	20.1	20.0	19.9	6.6	6.7	6.7	16.2	16.3	16.3	8.6	12.0	9.2	49
1.7	1.7	1.7	14.1	13.8	13.8	3.1	3.2	3.2	14.1	13.8	13.8	26.3	27.9	26.9	50
24.6	25.2	25.0	78.0	78.2	78.3	28.2	28.0	28.0	63.8	65.6	65.0	48.6	54.7	49.8	51
5.3	5.1	5.1	29.9	28.1	27.5	6.7	6.9	6.9	23.9	23.8	23.4	14.0	17.8	14.1	52
4.7	4.5	4.6	22.7	21.7	21.8	4.3	4.2	4.2	26.1	25.8	25.7	19.3	18.2	19.2	53
73.8	70.5	70.8	196.6	190.9	190.8	58.4	58.0	58.0	181.7	179.3	178.7	90.3	97.1	92.6	54
15.1	15.7	15.7	82.3	80.2	80.5	20.5	20.5	20.2	83.1	83.7	83.6	41.3	44.7	36.2	55
5.0	4.9	4.8	24.4	24.9	25.4	4.5	4.5	4.6	20.9	21.9	21.8	23.3	25.5	25.2	56
3.3	3.2	3.1	21.3	22.0	21.2	6.0	6.0	5.9	18.6	18.5	18.3	9.7	10.5	10.5	57
3.1	3.0	3.1	15.0	15.4	15.5	3.5	3.5	3.5	13.9	13.9	14.0	32.7	31.6	29.0	58
32.3	32.8	32.8	157.2	158.1	156.1	41.8	42.5	42.7	136.2	137.1	136.5	67.4	84.0	81.1	59
9.4	10.0	10.2	55.9	56.3	55.0	18.1	18.0	17.6	52.0	52.1	50.6	29.8	32.0	29.6	60

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

	State and areas	Total			Mining			Construction			Manufacturing		
		JULY 1981	JUNE 1982	JULY 1982P	JULY 1981	JUNE 1982	JULY 1982P	JULY 1981	JUNE 1982	JULY 1982P	JULY 1981	JUNE 1982	JULY 1982P
1	**GEORGIA**	2,172.8	2,155.6	2,145.9	7.8	7.9	7.9	103.9	99.8	100.2	520.3	494.0	491.1
2	Albany	44.9	44.6	44.2	(1)	(1)	(1)	2.2	2.1	2.2	12.3	11.8	12.0
3	Atlanta	980.8	993.3	991.8	(1)	(1)	(1)	45.9	45.0	44.7	142.3	140.6	140.0
4	Augusta	121.2	121.2	122.2	(1)	(1)	(1)	5.5	5.2	5.3	35.4	33.9	33.9
5	Columbus	83.3	78.2	78.1	(1)	(1)	(1)	4.9	5.1	4.9	21.6	18.1	18.6
6	Macon	98.4	98.4	97.9	(1)	(1)	(1)	3.6	3.9	3.8	17.5	17.0	16.9
7	Savannah	86.5	86.1	86.4	(1)	(1)	(1)	4.7	4.6	4.7	17.3	16.4	16.2
8	**HAWAII**	408.9	402.8	404.6	-	-	-	22.7	18.8	18.4	25.9	23.8	24.1
9	Honolulu	338.2	333.2	334.2	-	-	-	18.6	15.1	15.0	19.4	17.7	18.0
10	**IDAHO**	325.5	317.1	311.1	5.4	3.3	2.9	17.8	16.5	16.8	53.5	49.1	48.4
11	Boise City	77.1	75.8	75.5	(1)	(1)	(1)	5.5	5.0	5.3	8.9	8.9	9.1
12	**ILLINOIS**	4,794.8	4,640.8	4,625.5	29.2	28.3	28.7	183.4	165.6	173.7	1,140.1	1,032.4	1,019.1
13	Bloomington—Normal	69.4	67.5	66.9	(2)	(2)	(2)	2.0	1.9	1.9	6.9	5.9	5.8
14	Champaign—Urbana—Rantoul	71.3	71.6	72.0	(2)	(2)	(2)	1.8	1.5	1.4	7.7	7.3	7.4
15	Chicago—Gary	(3)	3,418.3	3,417.6	(3)	4.3	4.2	(3)	118.5	121.7	(3)	792.3	782.1
16	Chicago SMSA	3,498.5	3,383.7	3,380.9	3.9	4.2	4.1	106.8	104.8	107.9	774.8	714.0	704.1
17	Davenport—Rock Island—Moline	169.5	159.7	159.9	(2)	(2)	(2)	7.9	7.6	7.7	50.8	42.7	43.5
18	Decatur	56.2	53.7	52.9	(2)	(2)	(2)	2.4	2.4	2.3	20.5	18.3	18.1
19	Kankakee	33.8	33.2	33.0	(2)	(2)	(2)	1.9	1.6	1.7	8.8	8.1	8.0
20	Peoria	148.8	138.1	137.9	(2)	(2)	(2)	7.4	7.0	7.7	48.4	38.3	37.1
21	Rockford	117.7	106.6	105.9	(2)	(2)	(2)	4.0	3.7	3.8	49.8	39.5	39.6
22	Springfield	88.3	87.4	88.2	(2)	(2)	(2)	4.2	3.9	4.3	6.2	6.2	6.2
23	**INDIANA**	2,109.3	2,027.7	2,012.0	9.8	9.2	9.1	93.2	79.4	86.2	658.7	602.0	592.9
24	Anderson	45.6	43.4	42.8	(1)	(1)	(1)	1.1	1.1	1.1	19.8	17.9	17.6
25	Elkhart	68.6	67.1	66.1	-	-	-	2.3	1.9	2.0	34.9	34.3	33.8
26	Evansville	128.3	126.2	124.6	2.8	2.5	2.4	7.3	6.5	6.7	37.1	34.9	33.7
27	Fort Wayne	173.3	162.7	161.9	(1)	(1)	(1)	8.3	7.4	7.4	54.8	48.4	47.5
28	Gary—Hammond—East Chicago	251.1	234.6	236.7	(1)	(1)	(1)	15.0	13.7	13.8	91.3	78.3	77.8
29	Indianapolis	531.6	519.5	516.4	(1)	(1)	(1)	23.9	21.6	22.6	122.8	113.4	112.0
30	Lafayette—West Lafayette	54.1	52.7	52.9	(1)	(1)	(1)	3.0	2.5	2.6	11.3	10.5	10.5
31	Muncie	46.7	45.0	45.7	(1)	(1)	(1)	1.5	1.2	1.2	12.5	10.7	10.6
32	South Bend	106.0	104.0	100.6	(1)	(1)	(1)	4.4	3.7	3.8	30.6	29.8	27.9
33	Terre Haute	60.6	55.8	55.7	1.4	1.4	1.4	3.6	2.6	2.5	15.4	13.8	13.9
34	**IOWA**	1,078.4	1,051.7	1,030.7	2.1	2.0	2.0	50.2	43.4	44.7	236.7	208.8	206.6
35	Cedar Rapids	80.7	76.3	74.7	(1)	(1)	(1)	3.6	3.0	3.1	26.0	22.1	22.0
36	Des Moines	174.9	171.6	168.9	(1)	(1)	(1)	6.8	5.4	5.5	23.4	20.3	20.2
37	Dubuque	41.7	38.9	37.6	(1)	(1)	(1)	1.4	1.2	1.2	14.6	11.4	10.7
38	Sioux City	47.5	46.2	45.3	(1)	(1)	(1)	2.2	1.6	1.6	7.9	6.5	6.2
39	Waterloo—Cedar Falls	63.5	59.4	58.9	(1)	(1)	(1)	2.1	2.2	2.2	22.7	19.0	18.8
40	**KANSAS**	941.3	936.7	913.1	19.6	18.8	18.1	44.7	39.7	39.2	188.9	172.1	166.9
41	Lawrence	26.3	26.5	25.3	(2)	(2)	(2)	1.0	.8	.8	4.8	4.3	4.3
42	Topeka	85.8	84.6	83.1	.2	.1	.2	3.6	3.0	3.0	10.2	9.5	9.2
43	Wichita	208.1	197.7	193.4	3.6	3.8	3.7	10.4	9.2	9.1	64.4	54.1	52.0
44	**KENTUCKY**	1,165.4	1,159.8	1,127.9	51.7	52.3	52.5	54.4	45.7	45.4	274.6	249.5	246.5
45	Lexington—Fayette	142.5	140.8	139.5	(1)	(1)	(1)	6.8	4.8	4.8	29.4	27.4	26.6
46	Louisville	382.5	371.2	368.8	(1)	(1)	(1)	18.7	17.2	17.1	95.1	85.6	83.2
47	Owensboro	31.4	27.8	27.8	1.2	.9	.9	1.9	1.3	1.3	6.8	5.7	5.7
48	**LOUISIANA**	1,638.9	1,622.1	1,616.9	99.8	99.5	99.8	143.3	134.4	135.3	222.7	200.7	198.7
49	Alexandria	53.1	53.4	53.4	(1)	(1)	(1)	4.2	4.0	4.0	5.2	5.3	5.3
50	Baton Rouge	205.0	201.9	201.3	1.3	1.3	1.3	25.5	19.4	19.4	26.8	25.3	25.4
51	Lafayette	90.2	96.6	97.6	18.6	19.9	19.8	5.8	5.9	5.0	4.8	5.2	5.3
52	Lake Charles	71.4	64.6	64.9	2.5	2.4	2.3	10.8	5.6	6.2	13.7	11.0	11.0
53	Monroe	51.5	48.7	48.7	.7	.7	.7	3.6	3.0	3.2	8.0	6.9	6.9
54	New Orleans	521.5	513.6	511.4	20.7	22.0	21.9	31.2	30.4	30.4	53.7	48.3	47.7
55	Shreveport	152.3	151.1	146.7	7.7	6.1	5.4	9.5	8.7	8.6	28.0	26.8	26.5
56	**MAINE**	427.5	421.0	413.6	(1)	(1)	(1)	19.7	17.8	18.7	110.5	108.8	100.9
57	Lewiston—Auburn	33.5	34.1	32.1	(1)	(1)	(1)	1.4	1.3	1.3	10.6	10.9	9.2
58	Portland	93.4	97.1	95.0	(1)	(1)	(1)	4.2	4.2	4.2	17.9	17.6	16.3
59	**MARYLAND**	1,720.8	1,697.2	1,688.4	(1)	(1)	(1)	100.2	83.6	85.5	230.5	215.8	209.7
60	Baltimore SMSA	958.8	950.3	941.9	(1)	(1)	(1)	47.6	37.9	38.2	152.5	141.4	137.7
61	Baltimore City [4]	451.9	439.7	437.7	(1)	(1)	(1)	17.6	14.4	14.5	62.0	58.6	56.4

See footnotes at end of table.

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
JULY 1981	JUNE 1982	JULY 1982P	JULY 1981	JUNE 1982	JULY 1982P	JULY 1981	JUNE 1982	JULY 1982P	JULY 1981	JUNE 1982	JULY 1982P	JULY 1981	JUNE 1982	JULY 1982P	
139.9	142.4	142.9	502.2	496.5	496.8	114.4	116.2	116.6	381.6	386.6	387.5	422.8	432.1	424.2	1
2.3	2.2	2.2	9.7	9.5	9.4	2.0	2.1	2.1	6.4	6.2	6.0	10.4	10.7	10.3	2
88.2	89.7	90.7	269.3	273.4	273.1	67.7	68.6	69.0	209.7	218.1	218.4	157.7	158.0	156.0	3
4.3	4.4	4.5	22.2	23.1	23.4	4.5	4.6	4.7	18.1	18.3	18.4	31.3	31.5	32.0	4
3.3	3.2	3.2	15.9	15.6	15.7	5.4	5.5	5.5	11.7	11.6	11.3	20.2	19.0	18.8	5
4.4	4.5	4.4	20.3	20.2	20.6	6.2	6.2	6.1	17.3	16.9	16.9	29.1	29.7	29.1	6
8.4	7.8	7.9	21.6	21.9	21.7	4.1	4.1	4.2	15.8	16.4	16.2	16.9	16.9	15.4	7
31.6	30.6	30.2	106.0	105.3	106.2	32.5	32.1	32.2	100.7	101.9	101.6	89.5	90.1	90.6	8
26.5	25.5	25.2	87.7	87.1	87.8	27.8	27.7	27.8	80.9	80.6	80.4	75.3	76.5	76.4	9
19.6	19.6	19.7	79.0	78.9	78.7	23.2	23.3	23.0	60.7	58.2	58.3	66.1	68.2	63.3	10
5.1	4.9	4.9	19.6	19.2	19.2	8.2	7.7	7.7	14.3	14.1	14.1	15.7	15.7	15.1	11
283.5	273.2	271.1	1,089.2	1,079.6	1,071.6	322.6	320.6	322.3	969.6	979.9	977.0	777.2	761.2	773.0	12
3.1	3.1	3.1	12.2	11.8	11.8	7.6	7.9	7.8	8.5	8.5	8.5	9.3	8.4	8.0	13
2.6	2.6	2.5	19.1	19.0	19.0	2.5	2.4	2.4	11.7	12.0	12.0	25.9	26.8	27.3	14
(*)	205.7	203.6	(*)	806.2	800.5	(*)	253.0	254.1	(*)	750.0	750.1	(*)	488.3	501.3	15
197.7	191.9	189.7	759.5	755.1	749.3	248.0	244.0	245.1	706.4	712.9	712.3	461.4	457.3	468.2	16
7.0	6.8	6.7	40.8	39.6	39.3	7.2	7.2	7.2	24.3	26.5	24.1	26.5	26.3	26.4	17
5.4	5.1	5.1	11.4	11.5	11.3	2.7	2.7	2.7	8.8	8.6	8.7	5.0	5.1	4.7	18
1.4	1.4	1.4	6.9	6.8	6.9	1.1	1.1	1.1	6.4	6.5	6.3	7.3	7.7	7.6	19
7.9	7.8	7.8	34.5	34.3	33.8	7.2	7.0	7.0	26.3	26.0	26.2	17.1	17.7	17.7	20
4.5	4.4	4.2	24.8	23.6	23.5	4.2	4.2	4.2	18.6	18.9	18.7	11.8	12.3	11.7	21
4.7	4.6	4.6	19.0	18.7	18.8	6.8	6.7	6.7	17.7	18.3	18.5	27.7	29.0	29.1	22
104.0	99.4	100.2	466.9	463.8	460.1	102.6	100.6	100.8	342.3	348.3	346.5	331.6	325.0	316.2	23
1.3	1.2	1.2	9.3	9.0	9.0	1.6	1.6	1.6	7.1	7.2	7.2	5.4	5.4	5.1	24
2.2	2.1	2.0	13.1	12.8	12.8	2.2	2.1	2.1	9.0	8.9	8.9	4.9	4.9	4.5	25
7.1	7.1	7.1	30.7	31.6	31.4	4.6	4.7	4.7	25.9	25.7	25.9	12.8	13.2	12.7	26
10.9	10.4	10.5	42.2	40.8	40.8	10.7	10.5	10.5	29.0	28.8	28.7	17.4	16.9	16.1	27
14.9	13.8	13.9	51.7	51.1	51.2	9.2	9.0	9.0	37.0	37.7	37.9	32.0	31.0	33.1	28
31.3	30.0	30.1	132.7	131.0	130.9	39.2	38.6	38.5	97.8	99.4	99.2	83.9	85.5	83.1	29
1.4	1.4	1.4	10.7	11.0	10.8	2.6	2.5	2.5	9.3	9.5	9.4	15.8	15.3	15.7	30
2.0	2.0	2.0	12.3	12.1	12.1	1.5	1.4	1.4	8.4	8.4	8.4	8.5	9.2	8.0	31
4.6	4.4	4.4	25.6	24.8	24.6	5.3	5.2	5.2	22.9	23.9	22.9	12.6	12.2	12.2	32
3.4	3.2	3.2	15.2	13.6	13.5	2.1	1.9	1.9	9.1	8.9	8.9	10.4	10.4	10.4	33
54.7	51.4	51.1	275.0	267.1	266.9	60.0	60.0	60.2	204.2	206.5	204.8	195.5	212.4	194.5	34
3.8	3.7	3.7	19.0	17.9	17.8	4.4	4.2	4.2	15.6	15.9	15.5	8.4	9.4	8.3	35
11.1	11.1	11.1	45.5	44.6	44.3	22.4	23.0	23.1	39.4	39.6	39.1	26.4	27.7	25.6	36
1.6	1.6	1.4	9.3	8.8	8.8	1.3	1.3	1.3	10.2	10.9	10.8	3.2	3.7	3.3	37
3.9	3.8	3.8	12.9	12.9	12.8	2.9	2.7	2.7	12.1	12.6	12.5	5.5	6.1	5.6	38
2.4	2.3	2.3	13.6	13.3	13.3	2.1	2.0	2.0	11.0	10.9	10.9	9.5	9.7	9.5	39
63.8	62.5	62.4	227.5	226.3	226.3	48.4	48.4	48.4	179.9	180.7	179.8	173.5	188.2	172.0	40
1.5	1.4	1.4	5.3	5.4	5.3	.8	.9	.9	4.0	4.0	4.0	8.9	9.7	8.6	41
8.4	8.1	8.1	18.6	18.4	18.2	6.1	5.9	5.9	17.7	17.7	17.6	21.0	21.9	20.9	42
10.4	10.5	10.8	47.3	45.5	45.3	9.8	9.8	9.9	40.2	40.8	40.7	22.0	24.0	21.9	43
67.6	66.1	65.6	258.0	251.4	248.6	52.4	51.6	51.8	212.7	216.6	212.9	194.0	226.6	204.6	44
7.6	7.5	7.5	31.4	32.1	31.8	7.1	6.7	6.7	28.5	30.1	30.1	31.7	32.2	32.0	45
23.4	22.7	22.5	86.7	87.4	86.8	24.6	24.0	24.2	76.5	79.0	78.4	57.4	55.3	56.6	46
2.3	2.3	2.3	7.1	6.2	6.3	1.3	1.3	1.3	6.2	5.5	5.5	4.6	4.6	4.5	47
134.3	132.0	132.3	371.6	369.9	369.4	74.9	76.5	76.7	290.3	295.7	296.5	302.3	312.3	308.2	48
2.4	2.4	2.4	11.5	11.9	11.9	3.0	3.0	3.0	11.0	11.2	11.2	15.8	15.6	15.6	49
10.9	11.0	10.8	46.3	47.5	47.1	12.3	12.5	12.7	35.6	37.3	37.2	46.3	47.6	47.4	50
6.9	7.6	7.8	23.4	25.2	25.3	3.1	3.5	3.5	18.1	18.8	19.4	9.5	10.5	10.5	51
4.3	4.9	5.0	15.1	15.5	15.3	2.9	3.0	3.0	10.7	11.2	11.1	11.4	11.2	11.0	52
2.7	2.6	2.6	13.2	12.6	12.4	4.0	3.9	3.9	9.0	8.9	8.9	10.3	10.1	10.1	53
56.4	55.3	55.0	131.0	129.2	128.6	31.5	31.2	31.1	115.4	113.2	112.5	81.6	84.0	84.2	54
9.4	9.3	9.3	36.1	34.7	34.2	7.3	7.1	7.0	29.4	31.3	31.3	23.9	27.1	24.4	55
19.4	19.2	19.0	94.6	92.2	92.8	17.5	18.2	18.1	87.7	82.6	86.5	78.1	82.2	77.6	56
1.2	1.2	1.2	8.0	8.3	8.2	1.7	1.8	1.7	7.6	7.7	7.7	3.0	2.9	2.8	57
5.9	6.1	6.1	25.7	26.6	26.5	7.6	8.3	8.3	21.1	22.4	22.4	11.3	11.9	11.2	58
85.5	85.4	82.8	407.0	413.6	411.0	94.9	95.9	96.3	380.5	388.0	387.6	422.2	414.9	414.9	59
57.5	56.4	54.6	222.0	230.4	228.6	58.4	59.4	59.5	197.6	205.0	200.5	223.2	219.8	222.8	60
39.4	39.4	38.2	97.2	97.6	96.6	39.0	39.6	39.7	104.7	107.5	105.5	92.0	82.6	86.8	61

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

	State and area	Total			Mining			Construction			Manufacturing		
		JULY 1981	JUNE 1982	JULY 1982P	JULY 1981	JUNE 1982	JULY 1982P	JULY 1981	JUNE 1982	JULY 1982P	JULY 1981	JUNE 1982	JULY 1982P
1	**MASSACHUSETTS**	2,631.4	2,642.6	2,596.1	(1)	(1)	(1)	79.4	85.0	86.3	654.9	640.2	617.2
2	Boston	1,451.1	1,480.8	1,453.2	(1)	(1)	(1)	41.4	45.2	45.8	290.0	288.5	284.3
3	Brockton	56.9	57.3	55.3	(1)	(1)	(1)	1.6	1.5	1.6	12.0	12.3	11.5
4	Fall River	51.8	53.1	48.6	(1)	(1)	(1)	1.4	1.3	1.3	18.5	19.4	15.4
5	Lawrence—Haverhill	113.9	113.7	110.5	(1)	(1)	(1)	3.1	2.9	3.0	45.1	43.5	41.6
6	Lowell	78.6	80.0	78.0	(1)	(1)	(1)	3.0	3.0	3.0	28.8	29.9	29.8
7	New Bedford	63.0	63.2	62.2	(1)	(1)	(1)	1.7	1.6	1.6	24.6	25.0	24.1
8	Springfield—Chicopee—Holyoke	230.7	228.6	224.6	(1)	(1)	(1)	6.2	6.2	6.3	63.1	60.0	58.0
9	Worcester	162.4	163.3	159.0	(1)	(1)	(1)	5.5	5.1	5.3	47.3	44.0	42.6
10	**MICHIGAN**	3,366.2	3,230.7	3,145.6	12.3	9.3	9.3	110.9	79.2	94.7	981.6	899.3	875.7
11	Ann Arbor	130.8	130.1	129.0	(1)	(1)	(1)	2.3	1.7	1.8	38.3	36.4	36.3
12	Battle Creek	62.3	60.5	59.2	(1)	(1)	(1)	1.6	1.6	1.7	19.9	18.4	16.4
13	Bay City	34.3	34.1	34.2	(1)	(1)	(1)	1.1	.8	1.0	9.0	8.4	8.5
14	Benton Harbor	60.4	57.8	57.1	(1)	(1)	(1)	2.0	1.7	1.7	22.0	19.6	19.9
15	Detroit	1,628.8	1,555.9	1,542.9	1.1	1.0	1.0	48.3	32.0	44.3	471.2	425.6	412.6
16	Flint	186.9	180.3	178.1	(1)	(1)	(1)	6.5	4.2	4.3	70.7	64.6	63.7
17	Grand Rapids	266.7	267.0	262.6	(1)	(1)	(1)	11.9	10.8	11.0	89.9	87.6	85.4
18	Jackson	50.3	48.7	46.7	(1)	(1)	(1)	1.3	1.0	1.0	13.8	13.2	12.4
19	Kalamazoo—Portage	108.0	106.7	105.5	(1)	(1)	(1)	4.7	4.0	4.0	32.6	31.2	30.5
20	Lansing—East Lansing	190.2	189.0	178.1	(1)	(1)	(1)	5.9	3.9	3.4	41.5	37.5	36.7
21	Muskegon—Norton Shores—Musk. Hts	60.5	58.3	58.1	(1)	(1)	(1)	2.2	2.0	2.0	20.1	19.3	18.7
22	Saginaw	83.8	81.5	80.4	(1)	(1)	(1)	2.4	2.2	2.4	29.5	26.4	25.4
23	**MINNESOTA**	1,758.8	1,736.4	1,703.6	16.8	10.3	7.3	74.1	69.6	70.9	366.5	347.7	348.0
24	Duluth—Superior	59.9	55.6	55.0	(1)	(1)	(1)	1.7	1.7	1.7	7.3	5.5	5.5
25	Minneapolis—St. Paul	1,082.4	1,075.4	1,058.6	(1)	(1)	(1)	41.0	37.1	38.0	242.9	234.2	233.3
26	Rochester	52.1	51.3	51.7	(2)	(2)	(2)	1.9	2.4	2.4	10.9	10.3	10.4
27	St. Cloud	52.9	53.2	51.6	(1)	(1)	(1)	3.6	3.3	3.3	12.2	11.6	11.4
28	**MISSISSIPPI**	818.9	793.5	789.6	13.0	12.9	12.8	44.1	39.2	39.5	223.0	210.4	206.5
29	Jackson	146.2	144.6	142.9	2.1	2.1	2.1	6.8	5.6	5.7	18.8	17.5	16.9
30	**MISSOURI**	1,972.9	1,970.6	1,953.9	6.8	7.3	7.3	95.2	93.5	96.8	424.5	409.9	407.3
31	Kansas City	623.0	602.8	599.0	.5	.4	.4	24.0	20.6	21.4	116.1	109.8	111.6
32	St. Joseph	35.4	34.8	34.8	(2)	(2)	(2)	2.0	1.5	1.7	8.5	8.3	8.2
33	St. Louis	994.1	983.9	976.9	3.5	2.7	2.8	47.4	44.9	46.4	229.7	220.9	219.6
34	Springfield	85.9	85.4	83.9	(2)	(2)	(2)	3.6	3.7	3.7	18.3	17.8	16.5
35	**MONTANA**	288.7	289.2	281.8	12.1	10.3	10.0	15.7	14.6	14.7	24.5	21.7	21.9
36	Billings	48.6	49.1	48.2	(1)	(1)	(1)	2.4	2.6	2.5	4.2	4.0	4.0
37	Great Falls	29.2	30.9	30.4	(1)	(1)	(1)	1.6	1.9	1.9	1.4	1.3	1.3
38	**NEBRASKA**	624.3	617.2	605.7	1.8	1.5	1.6	28.9	24.8	25.8	95.0	84.8	83.5
39	Lincoln	97.3	98.1	94.6	(2)	(2)	(2)	3.6	2.9	3.1	13.2	12.1	12.2
40	Omaha	265.2	261.2	256.7	(2)	(2)	(2)	10.8	9.4	9.9	36.0	33.4	33.0
41	**NEVADA**	418.3	418.3	417.4	8.1	7.4	7.2	26.6	23.6	23.7	20.9	20.3	20.1
42	Las Vegas	229.5	230.7	229.7	.6	.5	.5	15.5	13.9	14.0	7.6	7.3	7.2
43	Reno	117.1	117.3	117.5	.8	.8	.8	6.3	5.9	5.9	8.6	8.3	8.3
44	**NEW HAMPSHIRE**	401.8	400.4	397.5	(2)	(2)	(2)	22.5	24.2	24.8	115.5	113.3	109.3
45	Manchester	74.4	76.2	74.0	(2)	(2)	(2)	3.4	3.1	3.1	16.8	17.2	16.5
46	Nashua	67.2	66.8	67.8	(2)	(2)	(2)	2.9	2.8	2.9	31.2	30.6	30.3
47	**NEW JERSEY**	3,130.8	3,112.4	3,100.0	2.5	2.4	2.4	119.5	115.5	118.7	770.2	732.5	716.4
48	Atlantic City	106.1	106.3	108.7	–	–	–	5.8	5.8	5.9	8.0	7.2	6.9
49	Camden [3]	345.3	346.8	344.8	.1	.1	.1	13.9	13.8	13.7	70.8	67.1	66.1
50	Hackensack [3]	359.4	346.3	390.0	(1)	(1)	(1)	16.4	15.0	15.5	109.1	105.0	103.9
51	Jersey City [3]	223.9	221.7	220.7	–	–	–	5.2	5.9	5.9	66.9	64.3	62.1
52	Long Branch—Asbury Park	175.1	175.4	176.4	(1)	(1)	(1)	7.7	6.7	7.0	25.6	24.5	24.3
53	New Bruns.—Perth Amboy—Sayreville [3]	292.9	288.2	287.4	(1)	(1)	(1)	11.8	11.1	11.3	92.1	85.3	84.8
54	Newark [3]	950.4	945.2	938.7	.9	.9	.8	34.5	32.6	33.4	245.0	233.8	225.7
55	Paterson—Clifton—Passaic [3]	191.1	188.0	186.1	(1)	(1)	(1)	7.2	6.3	6.5	66.3	65.2	63.7
56	Trenton	162.9	159.2	156.9	(1)	(1)	(1)	3.6	3.9	3.9	34.2	29.6	29.2
57	Vineland—Millville—Bridgeton	53.6	50.8	50.3	(1)	(1)	(1)	2.0	1.8	1.8	17.3	15.2	14.9
58	**NEW MEXICO**	475.9	474.5	471.8	31.7	27.6	27.3	34.2	32.2	32.3	34.4	33.0	32.6
59	Albuquerque	188.7	189.7	188.7	(1)	(1)	(1)	12.6	11.8	12.1	18.1	16.9	16.7
60	Las Cruces	28.6	30.1	29.6	–	–	–	1.8	1.7	1.7	2.5	2.8	2.6

See footnotes at end of table.

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
JULY 1981	JUNE 1982	JULY 1982P	JULY 1981	JUNE 1982	JULY 1982P	JULY 1981	JUNE 1982	JULY 1982P	JULY 1981	JUNE 1982	JULY 1982P	JULY 1981	JUNE 1982	JULY 1982P	
118.4	119.8	115.6	575.0	588.5	580.5	168.1	170.5	172.1	663.9	669.7	667.2	372.3	368.9	357.2	1
70.3	70.7	68.6	313.7	327.3	317.4	113.9	117.6	118.1	427.7	446.4	439.5	199.4	185.1	179.5	2
3.3	3.6	3.4	15.3	15.4	15.2	2.3	2.3	2.3	10.2	10.8	10.5	11.7	11.4	10.8	3
1.8	1.8	1.9	11.5	11.6	11.6	2.8	2.9	2.9	9.4	9.4	9.5	6.4	6.7	6.0	4
4.7	5.0	4.7	22.0	22.9	22.3	4.4	4.5	4.5	18.9	19.2	19.5	15.7	15.7	14.9	5
3.0	3.5	3.0	16.1	16.7	16.4	2.2	2.2	2.3	12.4	13.6	13.2	11.3	11.1	10.3	6
2.3	2.3	2.2	12.7	12.8	12.8	2.1	2.0	2.0	10.6	10.9	11.0	9.0	8.6	8.5	7
8.7	9.3	8.7	47.2	48.6	47.6	13.9	13.7	13.8	47.8	49.0	49.1	43.8	41.8	41.1	8
7.2	7.8	7.4	36.0	36.5	35.6	10.5	10.7	11.2	33.4	35.8	34.8	22.5	23.4	22.1	9
145.4	140.0	137.6	714.6	688.0	681.5	155.1	153.6	153.3	662.4	666.1	666.2	583.9	595.6	577.2	10
3.4	3.4	3.4	19.8	19.1	19.1	4.1	3.8	3.8	24.1	24.9	24.8	39.0	40.8	39.8	11
2.3	2.2	2.2	10.7	10.5	10.6	4.3	4.2	4.3	11.7	12.1	12.1	11.8	11.4	12.0	12
1.7	1.7	1.7	8.8	9.0	9.0	1.4	1.3	1.4	7.0	7.6	7.6	5.2	5.2	5.0	13
2.2	2.1	2.1	11.7	11.5	11.5	2.0	1.9	1.9	12.6	12.5	12.3	7.9	8.5	7.7	14
77.3	74.4	72.7	356.5	349.3	345.8	88.8	89.3	88.9	352.1	348.3	348.1	233.5	235.9	229.4	15
5.8	6.4	5.4	39.8	38.6	38.9	6.5	6.4	6.4	29.5	29.6	29.2	28.1	30.6	30.3	16
11.2	11.0	11.0	64.0	65.3	64.6	11.0	10.9	10.9	49.7	50.5	49.9	29.2	30.9	30.0	17
5.1	5.1	4.6	10.4	10.0	9.7	1.6	1.6	1.6	9.6	9.7	9.7	8.4	8.0	7.6	18
4.2	4.3	4.3	22.2	22.1	22.4	4.1	4.0	4.0	22.4	22.3	22.4	17.8	16.8	17.8	19
5.5	5.6	5.6	35.1	35.6	34.8	9.5	9.2	9.1	30.6	31.5	30.7	62.1	65.7	57.8	20
3.2	3.1	3.1	12.2	11.9	11.9	1.4	1.4	1.4	11.0	10.5	10.8	10.4	10.2	10.2	21
4.8	4.8	4.8	17.9	18.4	18.7	4.1	3.9	3.9	14.2	15.5	15.3	10.9	10.3	9.9	22
98.0	92.1	92.2	442.4	435.5	430.4	98.1	98.6	98.6	383.3	390.8	391.3	279.5	291.9	284.8	23
6.5	5.6	5.6	15.1	15.0	15.0	2.3	2.2	2.2	14.3	13.6	13.7	12.1	12.0	11.4	24
62.1	58.2	58.9	269.1	265.9	262.9	73.6	73.2	73.1	244.7	249.6	249.1	149.1	157.4	143.3	25
2.0	1.9	1.9	10.0	10.1	10.1	1.5	1.5	1.5	19.9	20.2	20.6	5.9	5.2	4.7	26
3.4	3.2	3.1	13.5	13.3	13.3	1.9	1.9	1.9	9.9	10.2	9.8	8.3	9.8	8.6	27
40.8	40.4	40.4	164.6	162.8	163.1	33.3	33.1	33.1	119.7	118.6	120.6	180.4	176.1	173.5	28
10.1	10.1	10.1	34.9	34.7	34.7	11.3	11.1	11.1	29.2	29.5	29.4	32.9	34.0	32.8	29
138.3	134.5	133.8	471.8	467.4	466.0	110.8	110.2	110.3	411.4	420.9	421.0	314.1	326.9	311.4	30
52.6	49.8	48.8	160.3	153.3	152.9	45.0	44.6	44.7	134.4	133.4	133.6	90.1	90.9	85.6	31
2.2	2.2	2.2	8.7	8.4	8.7	1.9	2.0	2.0	6.7	6.5	6.5	5.4	5.9	5.5	32
73.0	70.3	69.7	228.9	226.3	225.7	58.5	57.6	57.5	224.9	227.4	227.0	128.1	133.8	128.2	33
7.1	7.1	7.2	24.3	23.3	23.5	3.6	3.5	3.5	18.7	19.1	19.0	10.3	10.9	10.5	34
23.2	23.0	23.0	74.9	77.1	76.7	13.3	12.7	12.9	57.3	58.1	58.1	67.7	71.7	64.5	35
4.7	4.5	4.5	16.0	16.5	16.4	2.5	2.5	2.5	11.5	11.5	11.5	7.2	7.7	6.7	36
2.0	2.1	2.1	9.7	10.3	10.3	2.1	2.1	2.1	7.0	7.4	7.5	5.4	5.7	5.2	37
47.9	43.7	43.9	163.3	161.6	161.1	41.6	41.8	41.8	120.2	124.1	123.2	125.6	134.8	124.8	38
7.4	7.1	7.0	22.3	22.1	21.9	7.0	7.0	7.0	16.8	17.0	16.7	26.9	29.8	26.8	39
24.6	23.1	23.1	67.4	66.1	66.1	24.0	24.2	24.2	61.7	61.6	61.5	40.5	43.5	39.0	40
25.3	25.4	25.5	86.2	86.3	86.6	18.6	18.2	18.2	179.2	179.3	181.4	53.4	57.8	54.7	41
14.0	14.0	14.0	49.2	48.7	48.9	10.6	10.5	10.4	107.5	108.6	109.2	24.6	27.2	25.5	42
8.1	8.1	8.1	25.9	26.5	26.5	6.2	5.9	5.9	46.3	45.7	46.7	14.9	16.1	15.3	43
14.2	14.6	14.0	92.6	91.5	92.4	20.9	20.9	21.0	82.6	79.1	83.7	53.5	56.8	52.3	44
4.8	4.8	4.7	19.8	20.3	19.9	6.3	6.4	6.4	15.3	16.0	15.7	8.0	8.4	7.7	45
2.0	2.3	2.1	13.5	14.5	14.3	2.0	2.1	2.1	10.2	10.9	10.8	5.4	5.6	5.3	46
190.7	192.7	189.4	701.6	706.6	704.7	164.6	165.5	166.1	658.5	666.6	675.6	523.2	530.6	526.7	47
4.0	4.0	3.9	22.7	20.4	21.8	5.1	4.8	4.8	44.4	47.8	49.2	16.0	16.3	16.2	48
15.3	15.3	15.3	88.4	89.6	88.9	17.7	17.6	17.8	72.5	75.1	76.2	66.6	68.2	66.7	49
20.4	20.5	20.2	115.6	111.4	111.4	18.0	18.7	18.5	77.7	81.3	81.2	42.2	42.4	39.3	50
23.9	24.0	23.9	44.3	44.7	44.3	8.5	8.7	8.7	31.4	32.8	32.1	43.8	41.3	43.7	51
6.4	7.1	7.1	44.1	45.2	45.8	8.2	8.0	8.1	46.6	46.5	47.5	36.6	37.4	36.6	52
23.5	24.0	23.8	66.7	66.4	65.6	11.9	11.8	11.9	44.1	45.2	46.4	42.7	44.4	43.6	53
73.6	75.7	76.3	179.8	181.3	178.5	66.3	66.8	66.7	203.4	208.3	208.7	147.0	145.8	148.6	54
6.5	6.2	6.1	40.4	39.4	38.5	9.1	9.1	9.1	34.6	35.4	35.1	27.0	26.4	27.1	55
5.2	5.4	5.1	24.1	24.0	23.5	8.5	8.7	8.8	41.3	41.5	40.4	45.9	46.1	46.0	56
3.1	2.9	2.8	8.9	8.7	8.7	2.5	2.5	2.5	8.7	8.8	8.7	11.0	10.9	10.9	57
28.6	28.4	28.2	107.7	110.4	110.7	22.0	22.3	22.5	97.2	97.9	98.6	120.1	122.7	119.6	58
11.7	11.3	11.2	47.9	49.3	49.3	11.1	11.0	11.1	46.1	47.9	47.7	41.2	41.5	40.6	59
1.1	1.1	1.2	5.5	5.7	5.7	1.3	1.2	1.2	4.0	4.0	4.0	12.4	13.6	13.2	60

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

State and area	Total			Mining			Construction			Manufacturing		
	JULY 1981	JUNE 1982	JULY 1982P	JULY 1981	JUNE 1982	JULY 1982P	JULY 1981	JUNE 1982	JULY 1982P	JULY 1981	JUNE 1982	JULY 1982P
NEW YORK	7,331.2	7,340.7	7,272.2	6.6	6.5	6.4	227.8	219.6	218.3	1,432.4	1,396.2	1,368.9
Albany—Schenectady—Troy	337.5	339.0	335.9	(1)	(1)	(1)	10.3	9.7	10.0	56.0	52.7	51.8
Binghamton	116.1	119.6	116.8	(1)	(1)	(1)	4.2	3.9	4.0	42.7	43.2	42.8
Buffalo	499.1	482.1	473.9	(1)	(1)	(1)	17.7	15.4	15.9	130.4	117.6	114.4
Elmira	36.9	34.8	34.3	(1)	(1)	(1)	1.1	1.0	1.1	11.3	9.0	8.8
Monroe County	341.5	342.3	343.3	(1)	(1)	(1)	10.5	9.7	9.7	141.2	141.9	141.4
Nassau—Suffolk	934.7	946.4	937.7	(1)	(1)	(1)	37.4	35.8	35.8	167.1	167.4	164.6
New York—Northeastern New Jersey	6,762.7	6,824.1	(2)	2.9	2.5	(2)	208.3	211.4	(2)	1,304.1	1,284.0	(2)
New York and Nassau—Suffolk	4,761.5	4,792.9	4,755.7	1.9	1.8	1.8	142.2	141.1	138.1	735.0	731.5	714.5
New York SMSA	3,826.9	3,846.5	3,818.1	1.7	1.5	1.6	104.7	105.3	102.2	567.9	564.1	549.9
New York City	3,369.6	3,388.5	3,360.7	1.4	1.3	1.3	84.4	84.8	81.8	475.6	474.1	460.2
Poughkeepsie	100.3	102.7	102.9	(1)	(1)	(1)	2.8	2.8	2.8	33.2	34.4	34.6
Rochester	418.0	423.9	419.7	(1)	(1)	(1)	12.7	11.7	11.9	161.9	160.8	161.0
Rockland County	83.3	83.3	83.7	(1)	(1)	(1)	2.9	3.1	3.0	15.3	15.5	15.4
Syracuse	255.9	256.4	252.3	(1)	(1)	(1)	10.0	9.8	10.1	59.5	56.9	55.9
Utica—Rome	114.1	114.5	112.5	(1)	(1)	(1)	2.9	2.9	2.7	29.3	28.2	27.1
Westchester County	361.3	362.0	360.9	(1)	(1)	(1)	16.6	16.6	16.6	75.7	73.2	73.1
NORTH CAROLINA	2,347.4	2,350.0	2,289.1	4.9	4.9	4.7	118.8	106.7	106.4	818.8	773.8	764.5
Asheville	73.3	73.0	71.9	(1)	(1)	(1)	3.3	2.8	2.8	21.8	21.0	20.8
Charlotte—Gastonia	336.2	334.8	327.9	(1)	(1)	(1)	18.9	17.6	17.7	94.6	92.3	90.0
Greensboro—Winston-Salem—High Pt	385.5	382.3	376.1	(1)	(1)	(1)	17.6	16.1	15.9	150.3	140.4	142.2
Raleigh—Durham	268.1	274.4	267.5	(1)	(1)	(1)	14.2	12.9	12.9	45.9	45.2	44.7
NORTH DAKOTA	249.5	253.4	251.4	11.5	9.4	9.5	16.5	17.5	18.8	15.7	15.2	15.0
Fargo—Moorhead	60.3	61.6	60.0	(2)	(2)	(2)	3.5	3.3	3.5	4.8	4.7	4.6
OHIO	4,326.3	4,256.2	4,203.1	32.4	33.1	33.0	166.7	149.0	152.6	1,241.7	1,133.5	1,123.1
Akron	257.1	252.1	251.6	(2)	(2)	(2)	8.6	7.3	7.9	75.8	70.8	70.1
Canton	158.9	155.9	155.1	(2)	(2)	(2)	5.6	5.3	5.8	56.1	52.1	51.7
Cincinnati	590.5	592.5	582.3	(2)	(2)	(2)	23.9	21.9	21.5	158.4	151.7	149.9
Cleveland	887.2	870.1	863.0	(2)	(2)	(2)	29.2	27.1	27.6	250.0	232.8	230.2
Columbus	504.0	509.2	502.5	(2)	(2)	(2)	19.3	16.6	17.7	93.0	88.5	88.5
Dayton	349.9	347.8	343.1	(2)	(2)	(2)	12.7	11.2	11.5	97.9	90.7	90.8
Toledo	289.2	288.1	281.1	(2)	(2)	(2)	12.4	10.5	9.7	74.3	69.2	68.3
Youngstown—Warren	200.9	191.4	188.2	(2)	(2)	(2)	7.0	6.1	6.2	69.0	57.6	56.8
OKLAHOMA	1,186.4	1,218.0	1,202.2	97.5	100.3	98.0	56.0	57.6	58.1	201.2	185.4	181.0
Enid	27.3	28.4	28.0	3.0	2.9	2.8	1.6	1.3	1.3	3.2	2.6	2.4
Lawton	29.2	30.4	30.2	(1)	(1)	(1)	1.4	1.4	1.4	3.2	3.0	3.1
Oklahoma City	419.8	441.1	437.0	27.1	29.9	29.4	22.2	23.0	23.5	56.2	52.6	52.3
Tulsa	321.6	326.7	325.1	26.8	28.7	28.7	16.4	16.9	17.4	68.3	63.5	62.3
OREGON	1,016.9	985.5	964.8	2.5	2.3	2.3	40.5	32.0	32.1	210.9	189.8	194.4
Eugene—Springfield	98.2	96.1	92.4	(1)	(1)	(1)	3.9	2.9	2.9	19.4	16.6	16.6
Jackson County	–	–	–	–	–	–	–	–	–	7.9	6.6	6.6
Portland	544.0	527.3	519.3	(1)	(1)	(1)	22.4	19.0	19.8	108.8	101.5	101.7
Salem	86.8	84.2	(2)	(1)	(1)	(2)	3.5	2.7	(2)	15.8	11.4	(2)
PENNSYLVANIA	4,749.7	4,587.6	4,497.2	49.5	45.0	43.2	198.2	167.6	171.9	1,310.6	1,186.5	1,148.9
Allentown—Bethlehem—Easton	266.0	257.8	249.1	(1)	(1)	(1)	8.7	8.0	7.7	105.0	96.9	90.8
Altoona	51.0	49.7	49.4	(1)	(1)	(1)	2.1	2.0	2.1	13.1	12.2	11.9
Delaware Valley	1,587.9	1,550.5	1,536.1	(1)	(1)	(1)	65.5	57.9	57.7	359.1	336.5	333.4
Erie	109.7	106.1	105.2	(1)	(1)	(1)	3.3	3.0	3.3	40.6	39.0	38.6
Harrisburg	227.6	228.2	225.6	(1)	(1)	(1)	8.3	7.4	7.7	42.6	41.1	40.4
Johnstown	82.8	79.1	76.7	8.2	7.1	6.1	2.9	2.1	2.2	16.8	15.0	14.6
Lancaster	154.9	153.0	148.8	(1)	(1)	(1)	6.8	6.3	6.6	59.9	56.8	55.0
Northeast Pennsylvania	240.8	234.2	227.3	1.2	1.0	1.0	11.5	9.5	10.1	68.6	64.7	57.2
Philadelphia SMSA	1,934.5	1,897.5	1,881.4	(1)	(1)	(1)	80.1	71.7	71.3	430.4	403.8	399.5
Philadelphia City	779.0	753.7	750.4	(1)	(1)	(1)	20.5	18.8	19.0	129.0	121.6	120.8
Pittsburgh	949.9	889.8	878.5	10.1	9.4	9.1	49.0	38.6	41.3	241.1	196.4	190.8
Reading	137.6	137.1	132.2	(1)	(1)	(1)	5.4	4.3	4.3	53.0	51.7	48.9
Williamsport	46.1	45.9	44.1	(1)	(1)	(1)	1.4	1.3	1.4	15.5	16.0	14.4
York	155.8	150.2	149.0	(1)	(1)	(1)	7.0	6.7	7.2	65.2	58.7	59.8
RHODE ISLAND	394.0	394.4	384.7	(1)	(1)	(1)	12.7	12.1	12.6	119.0	117.7	109.8
Providence—Warwick—Pawtucket	398.0	397.9	386.7	(1)	(1)	(1)	12.9	12.0	12.5	131.1	130.1	121.1
SOUTH CAROLINA	1,194.6	1,180.2	1,160.1	(1)	(1)	(1)	74.6	66.3	66.8	388.2	358.1	354.5
Charleston—North Charleston	154.9	156.6	155.1	(1)	(1)	(1)	10.1	10.0	10.0	21.2	18.7	18.9
Columbia	177.5	176.6	175.0	(1)	(1)	(1)	8.7	8.6	8.6	27.3	25.5	24.1
Greenville—Spartanburg	268.2	261.8	259.7	(1)	(1)	(1)	16.8	15.7	15.7	102.6	95.6	95.0

See footnotes at end of table.

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
JULY 1981	JUNE 1982	JULY 1982P	JULY 1981	JUNE 1982	JULY 1982P	JULY 1981	JUNE 1982	JULY 1982P	JULY 1981	JUNE 1982	JULY 1982P	JULY 1981	JUNE 1982	JULY 1982P	
427.3	429.6	421.1	1,484.7	1,479.9	1,484.5	664.9	673.1	678.9	1,891.4	1,822.7	1,830.3	1,306.1	1,319.2	1,283.7	1
15.6	15.4	15.3	68.1	68.3	67.6	16.2	16.3	16.4	73.9	75.5	75.6	97.5	101.0	97.2	2
4.7	4.7	4.7	21.2	21.6	21.5	4.2	4.2	4.2	18.4	19.2	19.6	20.6	22.7	19.9	3
26.1	25.7	24.5	110.3	109.1	108.5	22.7	22.6	22.6	105.3	107.2	104.3	86.7	84.6	83.0	4
1.3	1.3	1.3	8.6	8.9	8.7	1.2	1.2	1.2	6.8	7.1	7.0	6.0	6.4	6.3	5
10.4	10.3	10.4	59.5	60.4	59.6	14.7	14.8	15.0	68.7	70.0	70.2	38.9	40.2	37.0	6
39.0	43.8	41.2	242.2	243.7	242.4	53.3	53.6	53.5	223.7	226.0	229.2	172.0	176.1	170.9	7
467.7	468.6	(*)	1,389.7	1,403.6	(*)	647.9	677.2	(*)	1,634.5	1,705.6	(*)	1,107.6	1,071.4	(*)	8
317.6	319.6	313.5	949.6	961.3	949.1	555.6	563.6	568.0	1,270.8	1,301.8	1,303.9	785.9	772.2	766.8	9
278.6	275.8	272.4	707.4	717.6	706.6	502.3	510.0	514.6	1,047.4	1,076.0	1,074.9	617.0	598.2	595.8	10
255.1	252.2	249.1	603.6	612.2	602.1	479.2	486.9	491.5	931.5	963.5	956.1	538.7	516.3	518.5	11
2.9	2.9	2.9	16.6	16.9	16.8	3.0	3.0	3.1	19.3	19.1	19.5	22.5	23.7	23.1	12
12.9	12.7	12.6	77.0	78.5	77.8	16.2	16.4	16.5	80.9	82.3	82.9	56.5	61.5	56.8	13
3.4	3.4	3.5	17.9	18.2	18.2	2.7	2.8	2.8	20.0	18.5	19.5	21.2	21.8	21.3	14
14.4	14.5	14.5	57.1	57.2	57.1	10.6	10.8	10.8	50.8	51.5	50.2	47.4	49.7	47.5	15
3.9	4.0	4.0	22.8	23.0	23.1	5.6	5.7	5.7	21.0	21.4	21.4	28.5	29.4	28.6	16
19.5	19.5	19.2	82.8	84.1	83.2	19.8	19.8	19.8	92.8	94.1	96.1	54.1	54.7	52.9	17
116.3	116.0	115.8	471.9	468.0	468.6	99.5	99.4	99.5	359.2	362.2	366.7	357.9	419.0	362.9	18
3.6	3.6	3.6	16.0	15.9	16.1	2.3	2.4	2.4	15.2	14.7	14.8	11.1	12.6	11.4	19
31.7	31.2	31.3	82.5	79.7	79.4	21.7	21.7	21.8	54.8	54.9	54.7	32.0	37.4	33.0	20
21.2	21.2	21.1	77.1	77.3	76.9	19.1	19.0	19.0	60.0	61.3	61.3	40.2	47.0	39.7	21
13.5	14.2	14.3	52.4	52.4	52.1	16.0	16.0	16.0	58.5	59.8	59.5	67.6	73.9	68.0	22
17.2	16.8	16.7	66.9	67.9	67.6	11.8	12.0	12.0	52.2	54.4	54.5	57.8	60.2	57.3	23
4.0	3.8	3.7	18.7	18.9	18.9	3.9	3.9	4.0	13.8	14.4	14.3	11.6	12.6	11.0	24
229.3	216.2	216.8	949.4	941.7	937.2	207.0	207.7	208.9	864.7	900.1	896.5	644.0	674.7	635.1	25
13.9	13.7	13.6	57.6	58.0	57.8	9.3	9.3	9.3	53.6	54.8	55.0	37.6	37.6	37.1	26
7.0	7.1	7.1	33.4	33.6	33.6	6.4	6.5	6.5	30.3	31.0	30.9	18.2	18.8	18.1	27
33.2	33.0	32.9	139.0	138.4	137.6	32.6	32.3	32.5	126.3	130.9	130.7	76.8	83.9	76.9	28
45.7	44.7	44.8	199.5	197.3	195.6	48.5	48.3	48.4	192.0	198.4	197.3	121.0	120.2	118.0	29
24.3	23.9	23.8	118.8	121.2	120.2	39.6	41.2	41.5	109.4	114.1	113.6	98.7	102.8	96.3	30
13.5	13.3	13.2	72.7	72.5	71.9	13.7	14.1	14.2	73.4	76.8	76.5	65.2	68.9	64.5	31
19.3	19.2	19.2	66.4	66.1	65.3	10.6	10.8	10.7	64.2	66.6	67.0	41.4	45.3	40.3	32
9.3	9.1	9.2	44.4	44.1	43.9	7.3	7.4	7.4	39.6	40.2	40.3	23.6	26.1	23.4	33
70.1	68.7	68.4	279.0	289.7	288.3	59.4	61.6	62.2	205.0	216.0	216.6	218.2	238.5	229.6	34
2.7	2.8	2.8	7.2	7.4	7.3	1.1	1.2	1.2	4.6	4.6	4.6	3.9	3.6	3.6	35
1.4	1.4	1.4	7.4	7.5	7.4	1.2	1.3	1.3	4.6	4.7	4.6	10.0	11.1	11.0	36
24.0	25.1	25.2	104.7	109.2	109.4	26.8	27.7	28.1	74.1	80.0	79.8	84.7	93.6	89.3	37
24.5	24.4	24.4	73.1	74.9	74.7	15.9	16.2	16.4	63.8	66.6	66.5	32.8	35.5	34.7	38
60.0	56.9	56.7	255.3	245.2	246.5	69.5	65.5	66.0	193.6	189.0	186.6	184.6	204.8	180.2	39
5.0	4.6	4.7	25.2	24.4	24.0	5.5	5.2	5.4	19.0	19.8	19.8	20.2	23.2	19.0	40
–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	41
36.7	35.8	35.4	142.3	138.1	139.0	46.2	44.8	44.4	111.8	107.5	105.8	75.8	80.6	73.2	42
2.8	2.8	(*)	19.3	18.5	(*)	5.6	5.7	(*)	15.1	15.6	(*)	24.7	27.5	(*)	43
253.7	244.5	236.0	985.7	977.3	965.0	244.3	244.7	245.1	1,013.3	1,023.4	1,018.9	694.4	698.6	668.2	44
14.2	13.8	13.9	52.3	51.4	50.8	9.9	9.7	9.7	48.7	47.8	47.9	29.2	30.2	28.3	45
6.3	6.0	5.9	11.0	10.7	10.7	1.6	1.6	1.6	9.1	8.9	9.0	7.8	8.3	8.2	46
81.3	78.3	76.3	327.1	325.1	322.3	112.4	113.9	113.7	404.7	408.7	407.0	238.1	230.0	225.7	47
5.1	4.6	4.6	22.0	21.7	21.4	4.8	4.9	4.9	22.7	22.2	21.9	11.2	10.7	10.5	48
17.0	16.4	16.2	45.0	45.7	45.2	12.8	13.1	13.0	42.1	44.1	43.8	59.8	60.4	59.3	49
4.8	4.5	4.4	15.8	15.3	15.1	4.0	4.1	4.2	15.7	16.2	16.0	14.6	14.8	14.1	50
6.5	6.2	6.2	34.9	34.7	34.2	5.8	6.1	6.1	27.2	28.4	27.9	13.8	14.5	12.8	51
12.6	12.6	12.3	50.1	48.5	47.5	10.1	10.5	10.7	48.3	50.2	51.2	38.4	37.2	37.3	52
95.7	93.6	91.6	415.5	414.8	411.3	130.1	131.5	131.4	476.2	484.0	483.3	306.5	298.1	293.0	53
51.5	48.9	49.2	140.7	139.9	137.7	66.7	65.8	65.8	214.7	216.4	213.0	155.9	142.3	144.9	54
55.5	52.0	50.7	213.6	210.9	209.7	47.7	47.6	47.7	217.0	219.4	218.3	115.9	115.5	110.9	55
6.2	6.7	6.4	27.8	27.1	27.0	6.5	6.5	6.6	23.7	24.3	24.0	15.0	16.5	15.0	56
2.3	2.1	2.0	9.6	9.4	9.5	2.2	2.2	2.2	8.4	8.5	8.6	6.7	6.4	6.0	57
7.6	7.4	7.1	33.0	32.9	32.5	4.1	4.1	4.1	22.1	22.5	22.1	16.8	17.9	16.2	58
12.9	13.8	12.9	81.7	80.8	79.2	21.2	21.3	21.3	88.8	91.2	91.0	57.7	57.5	57.9	59
12.7	13.5	12.5	80.9	79.6	78.0	21.1	21.1	21.2	84.3	86.9	86.5	55.3	54.7	54.9	60
54.0	54.6	54.6	235.8	239.0	239.0	50.9	52.4	52.7	171.5	176.7	176.7	219.6	233.1	215.8	61
9.1	8.8	8.7	33.5	33.9	33.8	7.0	7.2	7.3	25.9	29.5	29.2	48.1	48.5	47.2	62
9.7	9.7	9.8	37.3	37.2	37.2	14.3	14.9	15.0	27.8	27.7	27.5	52.4	53.0	52.8	63
10.1	9.2	9.2	54.3	55.2	55.2	10.2	10.5	10.5	38.5	40.1	39.9	35.7	35.5	34.2	64

ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

	State and area	Total			Mining			Contract Construction			Manufacturing		
		JULY 1981	JUNE 1982	JULY 1982P	JULY 1981	JUNE 1982	JULY 1982P	JULY 1981	JUNE 1982	JULY 1982P	JULY 1981	JUNE 1982	JUL 198
1	SOUTH DAKOTA	238.2	237.8	231.3	3.1	1.6	1.6	12.3	9.9	10.0	26.2	25.1	2
2	Sioux Falls	55.4	56.3	55.5	(2)	(2)	(2)	2.7	2.6	2.6	7.3	7.4	
3	TENNESSEE	1,737.7	1,726.9	1,711.9	10.2	11.1	11.2	81.6	84.0	82.6	503.7	481.9	47
4	Chattanooga	167.9	167.5	165.2	1.1	1.3	1.4	6.0	5.6	5.8	48.8	47.5	4
5	Knoxville	198.3	206.4	204.3	1.6	1.6	1.6	10.4	9.6	9.4	47.7	48.5	4
6	Memphis	356.7	350.9	348.4	.2	.2	.2	14.7	13.8	13.6	60.3	55.0	5
7	Nashville—Davidson	362.1	368.6	366.6	(1)	(1)	(1)	17.3	16.4	16.2	81.2	77.1	7
8	TEXAS	6,466.3	6,287.6	6,257.1	297.7	299.6	298.4	438.9	448.1	446.8	1,111.4	1,070.9	1,05
9	Dallas—Fort Worth	1,514.5	1,551.9	1,544.9	30.6	32.6	33.3	83.6	84.2	85.3	329.1	319.1	31
10	Houston	1,556.6	1,570.3	1,556.7	102.7	100.9	97.4	149.1	145.0	145.4	264.5	257.0	25
11	San Antonio	409.2	412.4	409.4	3.2	3.6	3.6	28.2	27.1	27.5	52.8	50.2	4
12	UTAH	556.5	563.5	559.5	21.0	19.5	19.1	29.9	28.2	28.2	90.4	88.6	8
13	Salt Lake City—Ogden	392.9	396.9	394.7	8.3	6.8	6.8	19.8	18.0	17.9	61.6	61.1	6
14	VERMONT	202.7	200.9	201.3	.5	.6	.6	12.4	10.8	11.6	51.0	49.3	4
15	Burlington [1]	59.3	59.0	59.1	–	–	–	–	–	–	16.1	16.0	1
16	Springfield [1]	14.7	13.9	13.7	–	–	–	–	–	–	6.1	5.2	
17	VIRGINIA	2,171.9	2,180.9	2,167.5	22.7	23.0	22.5	121.4	108.6	110.0	410.5	397.8	39
18	Bristol	26.7	26.8	26.5	(1)	(1)	(1)	1.1	.7	.7	9.6	9.0	
19	Lynchburg	68.3	69.2	68.6	(1)	(1)	(1)	2.9	2.5	2.7	27.1	27.0	2
20	Newport News—Hampton	152.8	155.8	155.4	(1)	(1)	(1)	7.0	6.4	6.8	34.5	34.9	3
21	Norfolk—Virginia Beach—Portsmouth	292.8	294.2	293.8	(1)	(1)	(1)	17.6	17.1	17.1	30.0	28.6	2
22	Northern Virginia [2]	469.7	478.1	476.6	.4	.4	.4	30.2	26.5	27.3	20.2	21.5	2
23	Petersburg—Colonial Hgts.—Hopewell	43.7	45.9	44.7	(1)	(1)	(1)	2.1	1.9	1.9	10.0	10.1	
24	Richmond	326.5	329.9	326.1	.3	.3	.3	18.1	17.5	17.5	56.8	54.4	5
25	Roanoke	103.4	102.9	101.7	.2	.2	.1	4.8	4.5	4.5	21.1	19.8	1
26	WASHINGTON	1,595.5	1,581.0	1,550.8	3.3	3.1	3.2	94.7	76.1	77.1	306.1	290.6	29
27	Seattle—Everett	770.7	762.7	(*)	(1)	(1)	(*)	38.7	33.5	(*)	169.0	162.2	
28	Spokane	123.3	(*)	(*)	(1)	(*)	(*)	6.4	(*)	(*)	16.6	(*)	
29	Tacoma	140.3	(*)	(*)	(1)	(*)	(*)	7.3	(*)	(*)	22.2	(*)	
30	WEST VIRGINIA	642.5	605.3	605.1	67.0	62.1	60.8	31.6	21.9	22.5	112.4	99.8	9
31	Charleston	113.3	110.0	110.0	6.8	6.5	6.4	6.3	4.6	4.7	16.7	16.5	1
32	Huntington—Ashland	103.8	98.7	98.1	1.2	1.2	1.3	5.3	3.7	3.9	25.0	23.0	2
33	Parkersburg—Marietta	59.1	55.5	55.3	1.4	1.4	1.4	3.4	1.5	1.5	16.6	15.4	1
34	Wheeling	65.3	62.0	61.7	4.7	4.6	4.6	3.0	2.2	2.2	12.0	9.7	
35	WISCONSIN	1,929.7	1,882.4	1,870.7	2.5	2.3	2.3	64.7	55.1	52.8	559.1	494.1	50
36	Appleton—Oshkosh	125.7	121.7	120.5	(1)	(1)	(1)	5.3	4.5	4.6	48.0	43.3	4
37	Eau Claire	47.8	47.3	46.9	(1)	(1)	(1)	1.6	1.1	1.1	9.3	9.0	
38	Green Bay	79.0	78.4	77.8	(1)	(1)	(1)	3.5	3.1	3.1	22.9	21.1	2
39	Janesville—Beloit	51.7	50.1	49.2	(1)	(1)	(1)	1.4	1.1	1.1	20.7	17.8	1
40	Kenosha	42.2	37.8	41.6	(1)	(1)	(1)	1.5	1.6	1.6	16.6	12.1	1
41	La Crosse	45.3	45.0	44.2	(1)	(1)	(1)	1.5	1.2	1.2	10.6	10.2	1
42	Madison	168.6	168.7	167.3	(1)	(1)	(1)	6.4	5.5	5.5	20.7	19.8	1
43	Milwaukee	657.3	638.0	627.4	(1)	(1)	(1)	18.2	15.5	13.1	196.9	172.4	16
44	Racine	67.2	62.6	62.0	(1)	(1)	(1)	1.7	1.5	1.7	27.8	23.6	2
45	WYOMING	223.2	222.2	214.7	39.2	40.1	39.3	21.3	17.2	17.3	10.3	10.3	1
46	Casper	41.3	41.0	38.9	8.2	7.2	7.1	3.6	3.9	4.1	2.0	1.6	
47	Cheyenne	31.7	30.4	28.6	(1)	(1)	(1)	2.1	1.6	1.7	1.5	1.3	
48	PUERTO RICO	(*)	(*)	(*)	.8	.7	.7	33.8	22.8	21.9	(*)	(*)	
49	Caguas	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
50	Mayaguez	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
51	Ponce	(*)	(*)	(*)	(*)	(*)	(*)	2.6	1.6	1.7	(*)	(*)	
52	San Juan	(*)	(*)	(*)	(1)	(1)	(1)	23.7	16.8	15.9	(*)	(*)	
53	VIRGIN ISLANDS	36.4	34.8	35.9	(2)	(2)	(2)	3.8	2.8	2.9	3.1	2.7	

[1] Combined with services.
[2] Combined with construction.
[3] Area included in Chicago—Gary Standard Consolidated Statistical Area.
[4] Subarea Baltimore Standard Metropolitan Statistical Area.
[5] Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.
[6] Subarea of New York—Northeastern New Jersey.
[7] Subarea of Rochester Standard Metropolitan Statistical Area.
[8] Area included in New York and Nassau—Suffolk combined SMSA's.
[9] Subarea of New York Standard Metropolitan Statistical Area.
[10] Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Bucks, Chester, Delaware, Montgomery, Philadelphia Counties, Pennsylvania.
[11] Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Philadelphia County.
[12] Total includes data for industry divisions not shown separately.
[13] Subarea of Washington, D.C. Standard Metropolitan Statistical Area: Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park cities, and Arlington, Fairfax, Loudoun, and Prince William Counties, Virginia.
p = preliminary.
* Not available.

SOURCE: Cooperating State agencies listed on inside back cover.

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
JULY 1981	JUNE 1982	JULY 1982P	JULY 1981	JUNE 1982	JULY 1982P	JULY 1981	JUNE 1982	JULY 1982P	JULY 1981	JUNE 1982	JULY 1982P	JULY 1981	JUNE 1982	JULY 1982P	
12.7	12.7	12.6	65.7	64.3	63.8	11.5	11.6	11.8	52.4	51.7	51.5	54.6	60.9	54.3	1
4.5	4.5	4.6	15.7	16.2	16.0	3.5	3.4	3.4	13.6	14.9	14.7	6.1	7.3	6.2	2
85.2	82.6	82.7	372.7	365.9	367.5	78.6	77.1	77.0	313.3	334.0	333.0	292.4	290.3	283.6	3
7.7	7.6	7.5	34.3	33.7	33.6	9.8	9.9	9.8	29.2	29.4	29.0	31.0	32.5	32.3	4
8.4	7.9	7.9	43.0	45.7	45.6	8.6	9.0	9.0	33.5	36.5	36.4	44.8	47.6	48.2	5
27.5	26.3	26.2	96.9	95.8	95.6	20.2	20.1	20.1	75.2	77.6	78.0	61.7	62.1	59.7	6
19.9	19.4	19.5	83.3	77.9	78.7	24.9	23.9	24.1	76.5	75.3	74.8	59.0	58.6	57.7	7
389.6	389.0	388.3	1,511.2	1,583.1	1,580.1	349.9	361.6	360.2	1,094.1	1,135.6	1,137.2	973.2	999.7	995.4	8
99.8	96.4	96.5	400.6	416.4	417.7	116.1	121.1	121.2	280.9	301.3	302.9	173.8	180.2	172.6	9
109.5	108.0	107.5	374.5	379.3	376.5	93.9	98.5	99.0	302.8	312.6	312.0	159.6	169.0	165.2	10
19.3	19.1	19.2	103.8	103.5	103.6	27.4	28.3	28.3	83.9	85.1	85.3	90.6	95.5	92.5	11
35.1	36.9	37.0	129.9	130.1	129.7	26.5	27.1	27.1	103.2	108.1	108.2	120.5	125.2	121.9	12
27.3	28.4	28.6	96.7	96.3	95.9	21.3	22.0	22.0	71.8	75.0	75.3	86.2	89.2	87.1	13
8.7	8.7	8.7	42.6	43.3	43.5	8.4	8.4	8.5	44.2	43.6	44.6	34.9	36.2	34.4	14
2.4	2.3	2.4	12.1	12.2	12.3	–	–	–	12.2	12.1	12.5	–	–	–	15
.6	.7	.7	2.3	2.2	2.2	–	–	–	2.7	2.6	2.7	–	–	–	16
118.6	118.4	117.5	465.1	477.3	477.2	108.1	107.2	107.6	427.7	432.0	433.3	497.8	516.5	503.1	17
1.1	1.1	1.2	6.2	6.9	7.0	.9	.9	.9	3.4	3.4	3.5	4.6	4.7	4.3	18
2.7	2.7	2.7	11.9	12.2	12.2	3.3	3.3	3.4	10.6	11.4	11.5	9.3	10.0	9.4	19
5.1	5.4	5.3	29.0	29.7	29.7	4.9	5.2	5.1	32.9	32.7	33.1	39.4	41.6	39.6	20
20.1	20.4	20.1	71.3	71.7	72.0	15.2	15.4	15.3	60.2	61.6	61.9	78.5	79.4	78.8	21
32.5	32.5	32.6	112.1	115.3	114.9	29.8	29.7	29.9	126.3	129.0	128.5	118.2	123.2	121.3	22
1.3	1.2	1.2	8.8	9.4	9.3	1.2	1.2	1.3	6.7	7.1	7.2	13.6	14.9	13.9	23
19.9	19.8	19.8	76.2	77.6	77.7	26.6	26.4	26.5	61.3	62.4	63.1	67.4	71.5	66.8	24
9.9	9.9	9.3	25.1	25.6	25.6	6.2	6.1	6.1	20.9	21.2	21.1	15.2	15.7	15.1	25
90.9	86.6	86.7	385.0	384.8	382.4	92.0	92.3	92.6	318.2	320.6	320.9	305.3	326.9	297.4	26
51.8	50.8	(*)	185.8	187.7	(*)	57.4	58.3	(*)	155.2	156.2	(*)	112.8	116.0	(*)	27
8.5	(*)	(*)	35.0	(*)	(*)	8.0	(*)	(*)	29.9	(*)	(*)	18.9	(*)	(*)	28
6.6	(*)	(*)	33.3	(*)	(*)	7.0	(*)	(*)	31.6	(*)	(*)	32.0	(*)	(*)	29
42.6	42.0	42.0	131.8	129.5	129.6	22.2	22.1	22.1	102.3	101.6	101.6	132.6	126.4	128.9	30
9.6	9.4	9.4	26.3	26.2	26.2	5.2	5.2	5.2	21.3	21.2	21.2	20.8	20.3	20.5	31
9.8	8.9	8.5	24.3	24.1	24.1	3.7	3.6	3.6	15.7	16.0	16.1	18.6	18.1	18.8	32
2.4	2.4	2.4	13.1	13.1	13.1	2.1	2.0	2.0	10.0	9.9	9.8	10.0	9.8	9.8	33
3.6	3.6	3.6	15.3	15.3	15.4	2.8	2.8	2.8	14.0	14.2	14.2	9.9	9.6	9.5	34
88.2	86.1	85.0	435.8	435.0	434.2	97.8	98.3	98.8	381.3	387.8	389.0	300.3	322.1	305.6	35
4.0	4.3	4.1	25.5	25.4	24.8	5.6	5.8	5.7	21.6	22.2	22.1	15.7	16.3	15.5	36
2.7	2.7	2.6	12.7	12.6	12.6	1.7	1.7	1.7	10.2	10.0	10.1	9.6	10.3	9.9	37
5.9	6.2	6.1	19.7	19.6	19.5	2.6	2.6	2.6	14.7	15.3	15.1	9.7	10.5	9.6	38
2.1	2.5	2.4	11.1	11.0	10.8	1.4	1.4	1.4	8.8	9.1	8.8	6.3	7.1	6.9	39
1.3	1.3	1.2	8.4	8.2	8.1	1.0	1.0	1.0	7.7	7.5	7.5	5.7	6.2	6.0	40
2.3	1.9	1.9	11.6	11.8	11.7	1.2	1.1	1.1	11.1	11.7	11.8	6.6	6.9	6.3	41
6.2	6.3	6.2	35.9	36.6	36.7	13.9	14.0	14.0	32.2	33.4	33.1	53.3	53.0	52.3	42
33.0	33.1	31.9	141.5	139.8	139.2	41.0	41.4	41.4	146.4	148.9	149.8	80.1	86.9	82.1	43
2.3	2.3	2.3	13.4	13.0	13.0	2.3	2.3	2.3	11.2	11.1	11.2	8.4	8.8	8.2	44
18.4	17.8	17.7	52.0	50.9	51.3	7.5	7.5	7.4	36.2	34.9	34.3	38.6	43.5	37.1	45
2.9	2.5	2.5	11.1	11.0	10.7	1.8	1.8	1.8	5.9	5.9	5.9	5.5	7.1	5.2	46
4.8	4.2	3.7	7.5	7.2	7.4	1.6	1.5	1.5	5.9	5.5	5.4	8.3	9.1	7.6	47
16.7	13.7	13.8	111.1	103.9	102.7	28.2	28.1	28.0	82.7	82.4	81.4	242.6	239.0	236.6	48
(*)	(*)	(*)	5.7	4.5	4.4	(*)	(*)	(*)	(*)	(*)	(*)	13.5	9.8	9.8	49
(*)	(*)	(*)	5.6	5.4	5.4	(*)	(*)	(*)	(*)	(*)	(*)	13.1	13.0	13.9	50
(*)	(*)	(*)	7.7	6.8	6.8	(*)	(*)	(*)	6.7	6.6	6.4	17.8	17.9	17.9	51
14.5	10.7	10.8	69.6	65.9	65.2	21.3	21.4	21.5	56.3	57.7	56.5	122.0	123.8	122.1	52
2.1	1.9	2.0	7.5	7.0	6.9	1.7	1.6	1.6	5.6	5.5	5.3	14.6	13.3	14.6	53

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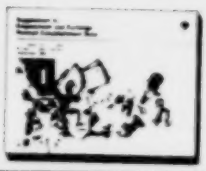

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C-1. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division, 1961 to date

Year and month	Average												
	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Hourly earnings excl overtime
	Total private			Mining			Construction			Manufacturing			
1961	[illegible]	38.4	[illegible]	80.94	42.5	2.64	116.08	35.9	3.23	92.34	39.8	2.32	2.25
1962	95.91	38.7	2.42	119.70	41.3	2.79	122.47	37.0	3.31	96.56	40.4	2.39	2.31
1963	86.46	38.8	2.28	114.43	41.6	2.75	127.19	37.3	3.41	93.23	40.5	2.45	2.37
1964	91.33	38.7	2.36	117.76	41.9	2.81	134.36	37.2	3.55	102.97	40.7	2.53	2.43
1965	95.45	38.8	2.46	123.32	42.3	2.94	138.38	37.4	3.73	107.53	41.2	2.61	2.52
1966	98.82	38.6	2.56	130.24	42.7	3.05	146.26	37.6	3.89	112.19	41.4	2.71	2.59
1967	101.84	38.0	2.68	135.89	42.6	3.19	154.95	37.7	4.11	114.49	40.6	2.82	2.71
1968	107.73	37.8	2.85	142.71	42.6	3.35	164.49	37.3	4.41	122.51	40.7	3.01	2.88
1969	114.61	37.7	3.04	154.30	43.3	3.56	181.59	37.9	4.79	129.51	40.6	3.19	3.05
1970	119.83	37.1	3.23	164.40	42.7	3.85	195.45	37.3	5.24	133.33	39.8	3.35	3.23
1971	127.31	36.9	3.45	172.14	42.4	4.06	211.67	37.2	5.69	142.44	39.9	3.57	3.45
1972	136.90	37.0	3.70	189.14	42.6	4.44	228.19	36.5	6.25	154.71	40.5	3.82	3.66
1973	145.39	36.9	3.94	201.62	42.4	4.75	235.89	36.8	6.41	165.48	40.7	4.07	3.91
1974	154.76	36.5	4.24	219.14	41.9	5.23	249.25	35.6	6.81	178.80	40.0	4.42	4.25
1975	163.53	36.1	4.53	249.31	41.9	5.95	266.08	35.4	7.31	192.79	39.5	4.83	4.67
1976	175.45	36.1	4.86	273.90	42.4	6.46	283.73	35.8	7.71	209.32	40.1	5.22	5.02
1977	189.00	36.0	5.25	301.23	43.0	6.94	295.65	36.5	8.14	228.93	40.8	5.68	5.44
1978	203.73	35.8	5.69	332.98	43.4	7.67	319.69	36.8	8.66	249.27	40.9	6.17	5.91
1979	219.91	35.7	6.16	365.07	43.2	8.49	342.99	37.0	9.27	269.34	40.2	6.70	6.43
1980	235.10	35.3	6.66	397.06	43.3	9.17	367.78	37.0	9.94	288.62	39.7	7.27	7.02
1981	255.20	35.2	7.25	439.19	43.7	10.05	398.52	36.9	10.80	318.00	39.8	7.99	7.72
1981:													
August	259.88	35.6	7.30	447.39	44.2	10.12	408.41	37.4	10.92	320.40	39.9	8.03	7.74
September	259.74	35.1	7.40	456.85	43.9	10.27	396.21	35.8	11.07	322.32	39.5	8.16	7.87
October	261.18	35.2	7.42	458.13	44.5	10.25	419.62	37.6	11.16	323.95	39.7	8.16	7.88
November	262.20	35.1	7.47	461.32	44.4	10.39	414.78	37.1	11.18	325.58	39.7	8.20	7.94
December	262.24	35.2	7.45	466.37	44.8	10.41	417.75	37.1	11.26	329.97	39.9	8.27	8.00
1982:													
January	255.95	33.9	7.55	456.89	42.9	10.65	385.95	33.3	11.59	312.38	37.1	8.42	8.17
February	262.39	34.8	7.54	463.03	43.6	10.62	406.39	35.9	11.32	326.93	39.2	8.34	8.13
March	261.99	34.7	7.55	465.16	43.8	10.62	419.21	37.0	11.33	327.27	39.1	8.37	8.14
April	262.27	34.6	7.58	454.76	42.7	10.65	415.44	36.7	11.32	325.85	38.7	8.42	8.19
May	265.52	34.8	7.63	454.12	42.6	10.66	429.75	37.5	11.46	329.55	39.0	8.45	8.22
June	267.40	35.0	7.64	463.10	42.8	10.82	427.88	37.5	11.41	334.05	39.3	8.50	8.25
July p	269.98	35.2	7.67	465.86	42.7	10.91	433.29	38.1	11.53	333.45	39.0	8.55	8.31
August p	271.46	35.3	7.69	458.81	41.9	10.95	417.70	37.7	11.61	331.89	39.0	8.51	8.25

Year and month	Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			
1961	[illegible]	[illegible]	[illegible]	67.41	38.4	1.76	77.12	36.9	2.09	[illegible]	[illegible]	[illegible]	
1962	[illegible]	[illegible]	[illegible]	69.21	38.6	1.80	80.94	37.3	2.17	[illegible]	[illegible]	[illegible]	
1963	[illegible]	[illegible]	[illegible]	72.21	38.7	1.87	84.38	37.5	2.25	[illegible]	[illegible]	[illegible]	
1964	[illegible]	[illegible]	[illegible]	74.93	38.9	1.93	87.79	37.8	2.32	[illegible]	[illegible]	[illegible]	
1965	[illegible]	[illegible]	[illegible]	76.91	38.7	[illegible]	89.61	37.7	[illegible]	[illegible]	[illegible]	[illegible]	
1966	126.13	41.2	3.11	79.59	38.1	2.14	92.63	37.3	2.47	72.04	35.5	2.17	
1967	130.84	40.5	3.23	82.33	38.0	2.23	95.72	37.1	2.58	80.38	38.1	2.28	
1968	138.85	42.6	3.42	87.33	38.3	2.41	101.75	37.9	2.75	83.97	38.7	2.46	
1969	147.76	43.7	3.63	91.19	38.7	2.56	108.76	38.1	2.93	89.57	38.7	2.61	
1970	155.93	40.5	3.85	95.22	38.3	2.74	112.67	38.7	3.07	95.65	38.4	2.81	
1971	166.82	42.1	4.21	101.39	38.1	2.88	117.65	39.6	3.22	103.06	38.9	3.04	
1972	187.86	43.4	4.65	108.41	38.4	3.05	122.98	39.6	3.42	113.85	39.9	3.27	
1973	203.31	43.5	5.02	111.78	38.6	3.23	126.20	39.6	3.63	112.29	39.8	3.47	
1974	217.48	40.2	5.41	116.32	38.2	3.48	137.61	39.5	3.77	125.03	39.6	3.75	
1975	233.44	39.7	5.88	122.45	38.2	3.73	143.19	39.5	4.02	134.67	39.5	4.02	
1976	256.71	39.8	6.45	131.79	38.7	3.97	155.42	39.4	4.27	143.52	39.3	4.31	
1977	278.20	39.7	6.99	142.52	39.1	4.26	169.26	39.4	4.54	153.85	39.2	4.65	
1978	302.80	40.0	7.57	155.04	39.9	4.57	176.30	39.4	4.89	163.67	39.8	4.99	
1979	325.58	39.9	8.16	164.96	39.8	5.06	190.77	39.2	5.27	175.27	39.7	5.36	
1980	351.25	39.6	8.87	176.46	39.4	5.48	209.66	39.2	5.79	190.71	39.6	5.85	
1981	382.18	39.4	9.70	190.95	39.2	5.93	229.05	39.3	6.31	208.97	39.6	6.41	
1981:													
August	389.87	39.5	9.87	194.83	39.8	5.98	232.23	39.4	6.38	210.89	39.9	6.41	
September	390.04	39.2	9.95	194.49	39.4	6.04	230.04	39.0	6.39	211.25	39.8	6.52	
October	388.65	39.1	9.94	192.32	39.0	6.01	232.77	39.2	6.43	213.85	39.5	6.58	
November	393.96	39.2	10.05	194.68	39.1	6.04	236.02	39.2	6.52	216.78	39.5	6.67	
December	395.36	39.3	10.06	198.45	39.3	6.02	239.21	39.2	6.47	217.12	39.6	6.66	
1982:													
January	388.85	38.5	10.10	191.89	38.1	6.17	237.47	39.2	6.56	219.12	39.3	6.79	
February	397.10	39.2	10.13	194.66	38.6	6.16	239.64	39.2	6.62	220.68	39.5	6.79	
March	392.73	39.0	10.07	194.46	38.6	6.16	239.22	39.3	6.59	220.03	39.5	6.77	
April	393.43	38.8	10.14	195.91	38.7	6.18	240.37	39.2	6.64	221.33	39.5	6.81	
May	398.60	38.8	10.17	197.78	38.9	6.20	245.75	39.3	6.77	222.63	39.5	6.85	
June	399.84	39.2	10.20	199.02	39.1	6.20	242.23	39.1	6.71	224.35	39.8	6.89	
July p	404.24	39.4	10.26	202.12	39.6	6.20	245.75	39.3	6.77	227.07	39.1	6.86	
August p	410.15	39.4	10.41	203.07	39.7	6.21	248.98	39.4	6.84	228.39	39.1	6.90	

[1] For coverage of series, see footnote 1, table B-2.

p = preliminary.

NOTE: Data from April 1981 forward are subject to revision when more recent benchmark data are introduced. See "Benchmark adjustment" in the Explanatory Notes of this publication.

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C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		July 1981	Aug. 1981	June 1982	July 1982p	Aug. 1982p	July 1981	Aug. 1981	June 1982	July 1982p	Aug. 1982p
	TOTAL PRIVATE	$257.74	$259.88	$267.40	$269.98	$271.46	$7.24	$7.30	$7.64	$7.72	$7.69
	MINING	439.92	447.30	463.10	465.86	458.81	10.09	10.12	10.82	10.91	10.85
10	METAL MINING	468.64	477.15	489.17	473.69	-	11.60	11.84	12.26	12.24	-
101	Iron ores	495.46	518.75	547.37	482.41	-	11.91	12.47	12.70	12.93	-
102	Copper ores	495.97	485.60	463.23	466.82	-	11.98	11.99	12.32	12.85	-
11, 12	COAL MINING	484.01	507.78	511.20	508.69	-	-	12.09	12.78	-	-
12	BITUMINOUS COAL AND LIGNITE MINING	486.31	509.46	512.80	510.26	-	-	12.13	12.82	-	-
13	OIL AND GAS EXTRACTION	431.30	432.81	454.67	462.05	-	9.49	9.45	10.31	10.43	-
131,2	Crude petroleum, natural gas, and natural gas liquids	490.01	445.54	484.98	490.77	-	10.74	10.71	11.80	11.87	-
138	Oil and gas field services	426.82	429.52	443.86	451.90	-	9.12	9.10	9.82	9.91	-
14	NONMETALLIC MINERALS EXCEPT FUELS	362.32	366.68	384.09	392.47	-	8.31	8.41	8.85	8.94	-
142	Crushed and broken stone	350.32	353.90	378.79	391.05	-	7.98	8.08	8.57	8.91	-
	CONSTRUCTION	407.86	408.41	427.88	439.29	437.70	10.79	10.92	11.41	11.71	11.61
15	GENERAL BUILDING CONTRACTORS	360.39	359.63	379.04	389.31	-	9.82	9.88	10.30	10.61	-
152	Residential building construction	327.25	322.73	349.02	358.67	-	9.04	9.09	9.58	9.89	-
153	Operative builders	314.71	305.28	306.12	330.18	-	8.46	8.41	8.32	8.93	-
154	Nonresidential building construction	396.55	398.83	412.16	424.10	-	10.66	10.75	11.23	11.37	-
16	HEAVY CONSTRUCTION CONTRACTORS	425.60	432.37	462.07	481.74	-	10.33	10.52	11.27	11.67	-
161	Highway and street construction	417.73	419.76	422.68	441.70	-	9.76	9.90	10.04	10.32	-
162	Heavy construction, except highway	429.71	437.81	477.50	499.15	-	10.61	10.81	11.74	11.97	-
17	SPECIAL TRADE CONTRACTORS	423.20	421.81	435.20	443.38	-	11.50	11.62	11.99	12.28	-
171	Plumbing, heating, air conditioning	441.18	436.73	448.07	466.71	-	11.61	11.78	12.11	12.18	-
172	Painting, paper hanging, decorating	372.40	373.11	380.41	381.59	-	10.49	10.51	10.90	10.91	-
173	Electrical work	498.35	496.31	521.29	523.64	-	13.08	13.13	13.56	13.65	-
174	Masonry, stonework, and plastering	381.35	380.65	404.56	413.35	-	10.99	11.13	11.76	11.11	-
175	Carpentering and flooring	357.74	355.01	375.42	380.30	-	10.28	10.35	11.14	11.12	-
176	Roofing and sheet metal work	354.58	360.65	353.14	366.74	-	10.16	10.31	10.51	10.61	-
	MANUFACTURING	317.59	320.40	334.05	333.65	331.89	8.02	8.03	8.53	8.55	8.51
24, 25, 32-39	DURABLE GOODS	342.80	345.32	363.59	357.11	357.20	8.57	8.59	9.06	8.11	9.09
20-23, 26-31	NONDURABLE GOODS	282.30	284.86	297.99	299.92	298.38	7.22	7.23	7.78	7.77	7.71
	DURABLE GOODS										
24	LUMBER AND WOOD PRODUCTS	276.71	278.07	297.53	292.59	293.75	7.15	7.13	7.59	7.61	7.61
241	Logging camps and logging contractors	370.60	366.03	418.15	398.87	-	9.43	9.29	10.64	10.54	-
242	Sawmills and planing mills	289.30	298.92	309.23	303.78	-	7.38	7.61	7.95	7.87	-
2421	Sawmills and planing mills, general	304.97	312.00	326.82	322.09	-	7.76	7.80	8.15	8.14	-
2426	Hardwood dimension and flooring	200.55	201.96	206.17	202.92	-	5.09	5.10	5.30	5.34	-
243	Millwork, plywood, and structural members	266.42	267.19	288.17	284.13	-	6.99	6.94	7.37	7.38	-
2431	Millwork	270.72	268.48	301.10	297.40	-	7.05	7.01	7.49	7.51	-
2434	Wood kitchen cabinets	227.79	235.99	251.17	248.05	-	6.19	6.31	6.68	6.67	-
2435	Hardwood veneer and plywood	215.99	224.54	220.80	215.50	-	5.51	5.49	5.75	5.84	-
2436	Softwood veneer and plywood	336.72	328.80	356.18	347.14	-	8.73	8.63	9.09	9.24	-
244	Wood containers	202.75	205.25	214.27	213.60	-	5.28	5.29	5.58	5.67	-
245	Wood buildings and mobile homes	241.24	239.65	249.46	248.25	-	6.52	6.53	6.67	6.62	-
2451	Mobile homes	245.70	242.08	249.48	246.28	-	6.50	6.49	6.60	6.53	-
249	Miscellaneous wood products	231.43	237.79	247.59	248.92	-	5.98	6.02	6.30	6.28	-
25	FURNITURE AND FIXTURES	223.76	231.21	238.77	234.21	240.61	5.92	5.99	6.30	6.11	6.16
251	Household furniture	204.76	210.35	215.10	208.22	-	5.49	5.55	5.80	5.83	-
2511	Wood household furniture	192.76	196.48	194.71	190.66	-	5.10	5.13	5.32	5.16	-
2512	Upholstered household furniture	212.07	218.15	227.65	214.72	-	5.81	5.88	6.22	6.17	-
2514	Metal household furniture	221.54	226.14	238.23	241.18	-	5.83	5.92	6.14	6.25	-
2515	Mattresses and bedsprings	220.93	232.61	243.81	240.41	-	6.02	6.17	6.45	6.34	-
252	Office furniture	247.11	260.65	265.28	261.71	-	6.32	6.50	6.75	6.71	-
253	Public building and related furniture	264.26	273.65	285.82	278.20	-	6.59	6.61	7.11	6.93	-
254	Partitions and fixtures	273.96	279.63	298.75	299.93	-	7.21	7.17	7.60	7.75	-
259	Miscellaneous furniture and fixtures	261.32	267.60	272.25	272.69	-	6.77	6.69	6.91	7.31	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		July 1981	Aug. 1981	June 1982	July 1982P	Aug. 1982P	July 1981	Aug. 1981	June 1982	July 1982P	Aug. 1982P
	TOTAL PRIVATE	35.6	35.6	35.0	35.2	35.3	-	-	-	-	-
	MINING	43.6	44.2	42.8	42.7	41.9	-	-	-	-	-
10	METAL MINING	40.4	40.3	39.9	38.7	-	-	-	-	-	-
101	Iron ores	41.6	41.6	43.1	38.5	-	-	-	-	-	-
102	Copper ores	41.4	40.5	37.6	36.3	-	-	-	-	-	-
11, 12	COAL MINING	-	42.0	40.0	-	-	-	-	-	-	-
12	BITUMINOUS COAL AND LIGNITE MINING	-	42.0	40.0	-	-	-	-	-	-	-
13	OIL AND GAS EXTRACTION	45.5	45.8	44.1	44.3	-	-	-	-	-	-
131, 2	Crude petroleum, natural gas, and natural gas liquids	41.9	41.6	41.1	41.0	-	-	-	-	-	-
138	Oil and gas field services	46.6	47.2	45.2	45.6	-	-	-	-	-	-
14	NONMETALLIC MINERALS, EXCEPT FUELS	43.6	43.6	43.4	43.9	-	-	-	-	-	-
142	Crushed and broken stone	43.9	43.8	44.2	45.0	-	-	-	-	-	-
	CONSTRUCTION	37.8	37.4	37.5	38.1	37.7	-	-	-	-	-
15	GENERAL BUILDING CONTRACTORS	36.7	36.4	36.8	37.4	-	-	-	-	-	-
152	Residential building construction	36.2	35.7	36.7	37.4	-	-	-	-	-	-
153	Operative builders	37.2	36.3	37.7	38.2	-	-	-	-	-	-
154	Nonresidential building construction	37.2	37.1	36.8	37.3	-	-	-	-	-	-
16	HEAVY CONSTRUCTION CONTRACTORS	41.2	41.1	41.0	42.0	-	-	-	-	-	-
161	Highway and street construction	42.8	42.4	42.1	42.8	-	-	-	-	-	-
162	Heavy construction, except highway	40.5	40.5	40.5	41.7	-	-	-	-	-	-
17	SPECIAL TRADE CONTRACTORS	36.8	36.3	36.3	36.7	-	-	-	-	-	-
171	Plumbing, heating, air conditioning	38.4	37.2	37.0	37.7	-	-	-	-	-	-
172	Painting, paper hanging, decorating	35.5	35.5	34.9	35.3	-	-	-	-	-	-
173	Electrical work	38.1	37.8	38.5	38.5	-	-	-	-	-	-
174	Masonry, stonework, and plastering	34.7	34.2	34.4	35.0	-	-	-	-	-	-
175	Carpentering and flooring	34.8	34.3	33.7	34.2	-	-	-	-	-	-
176	Roofing and sheet metal work	34.9	35.0	33.6	34.5	-	-	-	-	-	-
	MANUFACTURING	39.6	39.9	39.3	39.0	39.0	2.8	3.0	2.4	2.3	2.4
24, 25, 32, 39	DURABLE GOODS	40.0	40.2	39.8	39.2	39.1	2.8	2.9	2.3	2.1	2.1
20-23, 26, 27	NONDURABLE GOODS	39.1	39.4	38.7	38.6	38.6	2.8	3.0	2.5	2.4	2.7
	DURABLE GOODS										
24	LUMBER AND WOOD PRODUCTS	38.7	39.0	39.2	38.4	38.6	2.7	2.8	2.6	2.5	-
241	Logging camps and logging contractors	39.3	39.4	39.3	37.7	-	3.9	4.4	3.8	3.3	-
242	Sawmills and planing mills	39.2	39.4	39.9	38.6	-	3.2	3.3	3.1	3.3	-
2421	Sawmills and planing mills, general	39.3	40.3	40.1	38.9	-	3.4	3.6	3.3	3.2	-
2426	Hardwood dimension and flooring	39.6	39.6	38.9	38.0	-	2.2	2.3	2.1	2.3	-
243	Millwork, plywood, and structural members	38.4	38.5	39.1	38.5	-	2.0	2.2	2.2	2.1	-
2431	Millwork	38.4	38.3	40.2	39.6	-	1.3	1.8	2.1	2.1	-
2434	Wood kitchen cabinets	36.8	37.4	37.6	37.3	-	1.2	1.6	2.1	1.5	-
2435	Hardwood veneer and plywood	39.2	40.9	39.4	36.9	-	1.0	1.3	2.2	1.9	-
2436	Softwood veneer and plywood	38.6	38.1	39.6	38.4	-	1.1	1.9	3.0	3.1	-
244	Wood containers	38.4	38.8	38.4	38.5	-	2.1	2.2	1.9	1.8	-
245	Wood buildings and mobile homes	37.0	36.7	37.4	37.5	-	1.6	1.6	1.6	1.7	-
2451	Mobile homes	37.8	37.3	37.8	37.6	-	1.4	1.2	1.7	1.7	-
249	Miscellaneous wood products	38.7	39.5	39.3	39.0	-	2.5	2.6	2.1	2.1	-
25	FURNITURE AND FIXTURES	37.6	38.6	37.9	37.0	37.6	1.7	2.0	1.5	1.4	-
251	Household furniture	37.3	37.9	37.1	35.9	-	1.5	1.6	1.2	.9	-
2511	Wood household furniture	37.8	38.1	38.6	35.7	-	1.7	1.8	1.3	1.0	-
2512	Upholstered household furniture	36.5	37.1	36.6	34.8	-	1.0	1.1	.8	.5	-
2514	Metal household furniture	38.0	38.2	38.6	38.9	-	2.1	1.9	1.9	1.5	-
2515	Mattresses and bedsprings	36.7	37.7	37.8	37.1	-	1.8	2.1	1.5	1.5	-
252	Office furniture	39.1	40.1	39.3	38.6	-	2.2	2.9	2.0	1.8	-
253	Public building and related furniture	40.1	41.4	40.2	39.6	-	2.3	2.9	2.4	2.3	-
254	Partitions and fixtures	38.0	39.0	38.9	38.7	-	2.4	2.8	2.2	2.4	-
259	Miscellaneous furniture and fixtures	38.6	40.0	39.4	38.9	-	1.6	2.3	1.8	1.7	-

[1] See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry – Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		July 1981	Aug. 1981	June 1982	July 1982P	Aug. 1982P	July 1981	Aug. 1981	June 1982	July 1982P	Aug. 1982P
32	STONE, CLAY, AND GLASS PRODUCTS	$362.72	$368.81	$361.49	$362.56	$367.94	$8.40	$8.41	$8.86	$8.91	$8.97
321	Flat glass	482.57	488.33	529.69	496.35	-	10.69	10.70	11.93	11.57	-
322	Glass and glassware, pressed or blown	356.17	361.97	388.61	388.87	-	8.66	8.85	9.52	9.51	-
3221	Glass containers	376.30	384.81	406.96	408.18	-	9.33	9.36	9.95	9.93	-
3229	Pressed and blown glass, nec	327.62	329.67	350.95	348.98	-	8.17	8.14	8.84	8.77	-
323	Products of purchased glass	293.88	289.09	319.56	312.03	-	7.44	7.47	7.91	7.86	-
324	Cement, hydraulic	499.56	502.25	513.76	511.19	-	11.81	11.93	12.47	12.54	-
325	Structural clay products	273.76	276.74	282.27	282.35	-	6.81	6.85	7.11	7.13	-
326	Pottery and related products	284.50	281.50	286.30	283.49	-	6.87	6.81	7.36	7.40	-
327	Concrete, gypsum, and plaster products	351.10	352.80	364.61	373.15	-	8.32	8.38	8.68	8.77	-
3271	Concrete block and brick	319.60	322.18	336.78	333.50	-	7.52	7.51	7.76	7.72	-
3272	Concrete products, nec	313.11	314.49	327.33	328.60	-	7.35	7.47	7.72	7.88	-
3273	Ready-mixed concrete	381.20	383.88	394.83	411.40	-	9.23	9.25	9.56	9.68	-
329	Misc. nonmetallic mineral products	337.81	338.22	343.47	342.22	-	8.30	8.33	8.63	8.71	-
3291	Abrasive products	321.99	320.00	324.14	321.77	-	8.07	7.98	8.53	8.72	-
3292	Asbestos products	348.14	351.37	344.04	355.51	-	8.45	8.57	8.89	9.11	-
33	PRIMARY METAL INDUSTRIES	439.43	442.90	439.96	438.13	443.12	10.78	10.99	11.31	11.30	11.47
331	Blast furnaces and basic steel products	498.68	516.80	505.94	502.36	-	12.19	12.92	13.23	13.28	-
3312	Blast furnaces and steel mills	514.30	535.16	524.40	522.26	-	12.65	13.48	13.80	13.93	-
3317	Steel pipe and tubes	422.30	425.18	419.61	405.85	-	10.30	10.27	10.65	10.46	-
332	Iron and steel foundries	357.63	354.88	362.09	367.88	-	9.30	9.03	9.63	9.81	-
3321	Gray iron foundries	366.67	355.41	366.22	382.28	-	9.33	9.16	9.74	10.14	-
3322	Malleable iron foundries	374.02	376.94	381.02	374.17	-	9.74	9.69	10.27	10.14	-
3325	Steel foundries, nec	337.79	352.29	350.25	338.26	-	9.53	8.72	9.39	9.37	-
333	Primary nonferrous metals	511.60	502.15	522.86	523.67	-	12.29	12.10	12.91	12.93	-
3334	Primary aluminum	542.41	536.26	555.66	556.37	-	13.09	12.86	13.72	14.17	-
335	Nonferrous rolling and drawing	401.88	406.16	414.53	408.98	-	9.66	9.74	10.21	10.25	-
3351	Copper rolling and drawing	355.66	367.65	356.21	366.13	-	8.57	8.61	8.85	8.93	-
3353	Aluminum sheet, plate, and foil	527.86	522.50	555.67	549.69	-	12.45	12.56	13.52	13.54	-
3357	Nonferrous wire drawing and insulating	363.26	368.87	383.95	369.03	-	8.86	8.93	9.36	9.39	-
336	Nonferrous foundries	335.20	317.60	336.60	336.02	-	8.00	7.96	8.50	8.53	-
3361	Aluminum foundries	323.53	322.78	348.47	347.77	-	8.17	8.11	8.69	8.75	-
34	FABRICATED METAL PRODUCTS	327.58	332.80	339.67	344.27	347.21	8.21	8.26	8.83	8.95	8.98
341	Metal cans and shipping containers	479.83	491.51	516.22	503.53	-	10.93	11.07	11.84	11.62	-
3411	Metal cans	500.59	512.76	541.20	527.14	-	11.33	11.42	12.30	12.26	-
342	Cutlery, hand tools, and hardware	311.66	308.85	328.18	324.40	-	7.89	7.76	8.48	8.47	-
3423, 5	Hand and edge tools, and hand saws and blades	290.55	297.60	293.63	292.43	-	7.45	7.48	7.83	7.74	-
3429	Hardware, nec	317.69	319.97	352.02	348.66	-	8.12	8.08	8.98	8.94	-
343	Plumbing and heating, except electric	280.62	284.40	301.47	302.91	-	7.27	7.33	7.81	7.83	-
3432	Plumbing fittings and brass goods	275.52	279.71	285.64	290.68	-	6.98	6.99	7.40	7.53	-
3433	Heating equipment, except electric	273.35	284.79	308.44	305.18	-	7.27	7.34	7.97	8.01	-
344	Fabricated structural metal products	320.00	326.43	338.18	335.40	-	8.00	8.08	8.58	8.63	-
3441	Fabricated structural metal	384.81	352.38	356.98	359.90	-	8.41	8.49	8.88	9.32	-
3442	Metal doors, sash, and trim	251.02	249.99	264.88	256.14	-	6.42	6.41	6.74	6.74	-
3443	Fabricated plate work (boiler shops)	351.48	362.50	381.20	372.84	-	8.70	8.82	9.53	9.56	-
3444	Sheet metal work	320.23	326.33	339.89	344.76	-	8.19	8.22	8.76	8.89	-
3446	Architectural metal work	295.66	302.71	314.73	327.89	-	7.41	7.53	8.07	8.21	-
345	Screw machine products, bolts, etc.	309.31	316.71	319.45	313.78	-	7.69	7.82	8.17	8.13	-
3451	Screw machine products	283.77	287.68	291.94	288.03	-	7.13	7.21	7.56	7.54	-
3452	Bolts, nuts, rivets, and washers	334.56	343.17	346.90	339.21	-	8.20	8.37	8.76	8.73	-
346	Metal forgings and stampings	377.06	382.32	407.84	393.82	-	9.45	9.48	10.12	10.15	-
3462	Iron and steel forgings	393.57	406.82	426.02	408.34	-	10.08	10.12	10.98	10.96	-
3465	Automotive stampings	464.02	467.71	500.23	473.89	-	11.29	11.27	11.77	11.73	-
3469	Metal stampings, nec	286.94	292.93	303.80	301.18	-	7.32	7.36	7.85	8.01	-
347	Metal services, nec	262.35	261.35	270.05	273.47	-	6.51	6.55	6.96	7.03	-
3471	Plating and polishing	254.87	256.36	265.30	269.97	-	6.42	6.49	6.82	6.94	-
3479	Metal coating and allied services	279.39	272.14	280.28	281.97	-	6.70	6.67	7.24	7.23	-
348	Ordnance and accessories, nec	316.37	328.35	360.50	357.63	-	8.05	8.25	8.99	9.13	-
3483	Ammunition, excl. for small arms, nec	280.48	290.97	334.36	326.24	-	7.42	7.49	8.38	8.43	-
349	Misc. fabricated metal products	301.84	308.50	320.05	315.02	-	7.74	7.81	8.27	8.29	-
3494	Valves and pipe fittings	320.15	330.74	337.04	334.15	-	8.21	8.31	8.80	8.84	-
3496	Misc. fabricated wire products	264.10	264.88	277.61	277.49	-	6.72	6.74	7.10	7.17	-
35	MACHINERY, EXCEPT ELECTRICAL	357.62	359.79	367.09	368.95	366.93	8.83	8.88	9.27	9.33	9.34
351	Engines and turbines	445.94	441.54	438.40	447.63	-	10.93	11.15	11.27	11.33	-
3511	Turbines and turbine generator sets	390.39	412.48	419.69	422.28	-	10.01	10.39	10.44	10.83	-
3519	Internal combustion engines, nec	467.71	451.86	447.73	459.80	-	11.27	11.44	11.69	11.67	-
352	Farm and garden machinery	402.38	389.37	431.73	412.12	-	9.96	9.71	10.45	10.46	-
3523	Farm machinery and equipment	413.91	403.81	433.40	430.06	-	10.22	10.02	11.00	10.86	-
353	Construction and related machinery	392.76	397.99	387.54	384.39	-	9.85	9.66	10.04	10.17	-

[1] See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		July 1981	Aug. 1981	June 1982	July 1982P	Aug. 1982P	July 1981	Aug. 1981	June 1982	July 1982P	Aug. 1982P
32	STONE, CLAY, AND GLASS PRODUCTS	40.8	41.0	40.8	40.6	40.8	4.1	4.1	3.7	3.7	-
321	Flat glass	41.4	41.9	44.4	42.9	-	4.0	4.0	4.7	3.5	-
322	Glass and glassware, pressed or blown	40.2	40.9	40.4	40.3	-	4.3	4.3	3.9	4.1	-
3221	Glass containers	40.3	41.2	40.9	40.9	-	4.7	4.8	4.5	4.3	-
3229	Pressed and blown glass, nec	40.1	40.5	39.7	39.3	-	3.7	3.6	3.0	3.1	-
323	Products of purchased glass	39.5	38.7	40.4	39.2	-	3.1	3.0	2.8	2.6	-
324	Cement, hydraulic	42.3	42.1	41.2	40.7	-	3.3	3.3	2.4	2.2	-
325	Structural clay products	40.2	40.4	39.7	39.6	-	3.1	3.3	2.5	2.5	-
326	Pottery and related products	38.5	38.4	38.9	37.9	-	1.6	1.7	1.6	1.4	-
327	Concrete, gypsum, and plaster products	42.2	42.1	42.2	42.5	-	5.4	5.3	5.3	5.5	-
3271	Concrete block and brick	42.5	42.9	43.4	43.2	-	5.0	4.7	5.1	5.2	-
3272	Concrete products, nec	42.6	42.1	42.4	41.7	-	4.8	4.7	4.8	4.8	-
3273	Ready-mixed concrete	41.3	41.5	41.3	42.5	-	5.6	5.6	5.7	6.2	-
329	Misc. nonmetallic mineral products	40.7	40.7	39.8	39.2	-	3.6	3.6	2.4	2.4	-
3291	Abrasive products	39.9	40.1	36.0	36.9	-	2.7	2.8	1.2	1.3	-
3292	Asbestos products	41.2	41.0	38.7	39.9	-	3.4	3.1	2.0	2.3	-
33	PRIMARY METAL INDUSTRIES	40.3	40.3	38.9	38.5	38.7	3.1	3.1	2.0	2.1	-
331	Blast furnace and basic steel products	40.2	40.0	38.3	37.8	-	2.8	2.9	1.4	1.5	-
3312	Blast furnaces and steel mills	40.0	39.7	38.0	37.6	-	2.7	2.8	1.3	1.5	-
3317	Steel pipe and tubes	41.0	41.4	39.4	38.8	-	4.2	3.6	1.7	2.2	-
332	Iron and steel foundries	39.3	39.3	37.6	37.5	-	2.8	2.9	2.0	2.3	-
3321	Gray iron foundries	39.3	38.8	37.6	38.0	-	3.2	2.9	2.4	2.5	-
3322	Malleable iron foundries	38.4	38.9	37.1	36.9	-	2.4	2.5	2.0	1.8	-
3325	Steel foundries, nec	39.6	40.4	37.3	36.1	-	2.2	3.1	1.3	1.3	-
333	Primary nonferrous metals	41.9	41.5	40.5	40.5	-	3.6	3.2	2.9	2.7	-
3334	Primary aluminum	41.5	41.7	40.5	40.7	-	3.8	3.7	3.6	3.4	-
335	Nonferrous rolling and drawing	41.6	41.7	40.6	39.9	-	4.3	4.5	3.2	3.0	-
3351	Copper rolling and drawing	41.5	42.7	39.8	41.0	-	4.5	4.7	2.7	2.8	-
3353	Aluminum sheet, plate and foil	42.4	41.6	41.1	40.3	-	5.5	5.1	4.5	4.1	-
3357	Nonferrous wire drawing and insulating	41.0	41.4	40.7	39.3	-	4.4	4.7	3.2	2.6	-
336	Nonferrous foundries	39.4	39.9	39.6	39.1	-	2.3	2.4	2.0	2.0	-
3361	Aluminum foundries	39.6	39.8	40.1	39.7	-	2.8	2.5	2.0	2.3	-
34	FABRICATED METAL PRODUCTS	39.9	40.3	39.6	38.9	39.1	2.7	2.9	2.2	2.3	-
341	Metal cans and shipping containers	43.9	44.4	43.6	42.6	-	4.7	5.3	4.5	4.4	-
3411	Metal cans	44.3	44.9	44.0	43.0	-	4.6	5.3	4.6	4.5	-
342	Cutlery, hand tools, and hardware	39.5	39.8	38.7	38.3	-	2.0	2.4	1.8	1.4	-
3423, 5	Hand and edge tools, and hand saws and blades	39.0	40.0	37.5	37.3	-	2.2	2.4	.9	1.3	-
3429	Hardware, nec	39.1	39.6	39.2	39.0	-	2.0	2.4	1.6	1.6	-
343	Plumbing and heating, except electric	38.6	38.8	38.6	38.2	-	1.7	1.7	1.1	.9	-
3432	Plumbing fittings and brass goods	39.7	39.3	38.6	38.5	-	2.2	2.0	1.1	1.3	-
3433	Heating equipment, except electric	37.6	38.8	38.7	38.1	-	1.3	1.6	1.1	.8	-
344	Fabricated structural metal products	40.0	40.4	39.6	39.0	-	2.6	2.9	2.2	2.0	-
3441	Fabricated structural metal	41.0	41.5	40.2	39.9	-	3.1	3.5	2.6	2.7	-
3442	Metal doors, sash, and trim	39.1	39.0	39.3	38.3	-	2.2	2.2	2.1	1.9	-
3443	Fabricated plate work (boiler shops)	40.4	41.1	40.0	39.0	-	2.9	3.3	2.2	1.8	-
3444	Sheet metal work	39.1	39.7	38.8	39.0	-	2.3	2.5	1.9	1.8	-
3446	Architectural metal work	39.9	40.2	39.0	39.6	-	1.8	2.4	1.6	2.2	-
345	Screw machine products, bolts, etc.	40.3	40.5	39.1	38.5	-	2.7	3.0	1.9	1.6	-
3451	Screw machine products	39.6	39.9	38.6	38.2	-	2.6	2.7	1.7	1.4	-
3452	Bolts, nuts, rivets, and washers	40.8	41.0	39.6	38.9	-	2.7	3.3	2.0	1.9	-
346	Metal forgings and stampings	39.9	40.5	40.3	38.8	-	3.1	3.1	3.0	2.3	-
3462	Iron and steel forgings	39.2	40.2	38.8	37.6	-	2.8	3.1	2.3	1.7	-
3465	Automotive stampings	41.1	41.5	42.5	40.4	-	4.0	3.8	4.3	3.1	-
3469	Metal stampings, nec	39.2	39.8	38.7	37.6	-	2.3	2.5	1.9	1.7	-
347	Metal services, nec	40.3	39.9	38.8	38.9	-	2.9	2.7	2.3	2.3	-
3471	Plating and polishing	39.7	39.5	38.9	38.9	-	2.9	2.8	2.2	2.1	-
3479	Metal coating and allied services	41.7	40.8	38.5	39.0	-	2.8	2.5	2.4	2.2	-
348	Ordnance and accessories, nec	39.3	39.8	40.1	39.3	-	2.1	2.5	2.2	1.7	-
3483	Ammunition, exc. for small arms, nec	37.8	38.9	39.9	38.6	-	1.1	2.0	1.8	1.0	-
349	Misc. fabricated metal products	39.0	39.5	38.7	38.0	-	2.5	2.7	1.6	1.8	-
3494	Valves and pipe fittings	38.9	39.8	38.3	37.8	-	2.7	2.7	1.4	1.2	-
3496	Misc. fabricated wire products	39.3	39.3	39.1	38.7	-	2.4	2.6	1.5	1.4	-
35	MACHINERY, EXCEPT ELECTRICAL	40.5	40.7	39.6	39.2	39.2	3.1	3.3	2.1	1.9	-
351	Engines and turbines	40.8	39.6	38.9	39.3	-	3.0	3.1	1.5	1.3	-
3511	Turbines and turbine generator sets	39.3	39.7	40.2	39.1	-	3.1	3.6	2.7	2.7	-
3519	Internal combustion engines, nec	41.5	39.5	38.3	39.4	-	3.0	2.9	.9	.6	-
352	Farm and garden machinery	40.4	40.1	39.4	39.4	-	3.3	3.2	2.1	1.7	-
3523	Farm machinery and equipment	40.5	40.3	39.4	39.6	-	3.7	3.6	2.3	1.9	-
353	Construction and related machinery	40.7	41.2	38.6	37.6	-	3.3	3.6	1.6	1.4	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		July 1981	Aug. 1981	June 1982	July 1982P	Aug. 1982P	July 1981	Aug. 1981	June 1982	July 1982P	Aug. 1982P
	MACHINERY, EXCEPT ELECTRICAL—Continued										
3531	Construction machinery	$428.76	$434.00	$392.99	$399.28	-	$10.91	$10.85	$11.07	$11.11	-
3532	Mining machinery	374.23	375.77	397.06	383.02	-	9.67	9.66	10.34	10.13	-
3533	Oil field machinery	402.19	409.87	407.88	396.69	-	9.12	9.19	9.90	9.93	-
3535	Conveyors and conveying equipment	340.95	350.86	338.37	340.96	-	8.72	8.86	8.61	8.69	-
3537	Industrial trucks and tractors	314.86	318.59	330.85	320.42	-	8.20	8.38	8.87	8.65	-
354	Metalworking machinery	364.08	367.98	379.69	377.62	-	8.88	8.91	9.54	9.53	-
3541	Machine tools, metal cutting types	376.24	379.22	379.65	383.55	-	9.11	9.16	9.81	9.85	-
3542	Machine tools, metal forming types	348.55	357.17	379.38	374.12	-	9.27	9.35	10.01	10.03	-
3544	Special dies, tools, jigs, and fixtures	390.21	393.30	414.65	407.62	-	9.38	9.32	10.04	10.04	-
3545	Machine tool accessories	328.45	336.20	325.01	332.76	-	8.07	8.22	8.69	8.73	-
3546	Power driven hand tools	282.63	289.35	299.52	300.23	-	7.21	7.27	7.68	7.62	-
355	Special industry machinery	330.86	336.60	356.80	351.39	-	8.21	8.25	8.92	8.89	-
3551	Food products machinery	349.00	352.51	367.48	367.35	-	8.66	8.64	9.21	9.13	-
3552	Textile machinery	260.04	266.53	275.41	274.18	-	6.55	6.63	7.08	7.14	-
3555	Printing trades machinery	352.37	357.44	378.68	367.22	-	8.43	8.45	9.35	9.44	-
356	General industrial machinery	352.20	353.36	357.35	354.82	-	8.80	8.79	9.21	9.24	-
3561	Pumps and pumping equipment	337.18	350.73	367.09	358.53	-	8.92	8.97	9.51	9.41	-
3562	Ball and roller bearings	364.27	358.80	351.51	345.22	-	8.82	8.73	8.99	8.93	-
3563	Air and gas compressors	385.56	395.93	395.00	388.32	-	9.18	9.36	10.00	10.06	-
3564	Blowers and fans	316.40	319.19	383.48	345.72	-	7.99	8.08	8.46	8.52	-
3566	Speed changers, drives, and gears	395.20	403.09	357.46	366.55	-	9.71	9.76	9.74	9.48	-
3568	Power transmission equipment, nec	347.36	333.33	323.69	327.36	-	8.31	8.21	8.82	8.83	-
357	Office and computing machines	300.92	310.75	325.86	326.36	-	7.43	7.47	7.89	7.92	-
3573	Electronic computing equipment	300.37	313.74	325.26	324.24	-	7.38	7.47	7.90	7.87	-
358	Refrigeration and service machinery	316.31	318.77	344.27	343.41	-	7.96	8.07	8.65	8.65	-
3585	Refrigeration and heating equipment	327.23	329.57	353.30	356.40	-	8.14	8.26	8.96	8.93	-
359	Misc. machinery, except electrical	343.40	345.51	352.63	352.68	-	8.50	8.51	8.95	8.92	-
3592	Carburetors, pistons, rings, valves	398.40	401.60	421.63	408.10	-	10.01	9.99	10.46	10.47	-
3599	Machinery, except electrical, nec	334.94	337.00	341.82	343.30	-	8.27	8.28	8.92	8.90	-
36	**ELECTRIC AND ELECTRONIC EQUIPMENT**										
361	Electric distributing equipment	303.71	309.20	319.56	319.84	$323.40	7.65	7.73	8.09	8.13	8.23
3612	Transformers	304.07	303.34	307.28	301.31	-	7.64	7.66	7.94	7.91	-
3613	Switchgear and switchboard apparatus	305.93	305.86	306.54	296.81	-	7.68	7.66	7.88	7.77	-
362	Electrical industrial apparatus	302.25	301.06	307.97	304.94	-	7.77	7.84	8.02	8.01	-
3621	Motors and generators	318.71	317.20	320.93	319.49	-	7.85	7.91	8.25	8.32	-
3622	Industrial controls	319.46	312.83	330.37	332.69	-	7.83	7.86	8.28	8.38	-
363	Household appliances	303.76	310.08	299.17	295.32	-	7.69	7.87	7.93	7.84	-
3632	Household refrigerators and freezers	300.31	306.50	309.24	308.74	-	7.72	7.74	7.97	8.04	-
3633	Household laundry equipment	362.07	387.82	363.92	374.14	-	8.98	9.19	9.19	9.37	-
3634	Electric housewares and fans	352.69	351.92	360.02	359.48	-	9.09	9.31	9.40	9.51	-
364	Electric lighting and wiring equipment	227.46	235.61	237.46	230.88	-	5.97	5.98	6.20	6.24	-
3641	Electric lamps	283.06	281.24	293.14	301.47	-	7.13	7.12	7.69	7.91	-
3643	Current carrying wiring devices	329.64	334.97	329.09	331.74	-	8.04	8.15	8.46	8.50	-
3644	Noncurrent-carrying wiring devices	271.08	267.85	283.68	292.80	-	6.71	6.73	7.20	7.33	-
3645	Residential lighting fixtures	295.20	283.97	286.71	303.42	-	7.38	7.30	7.77	7.91	-
365	Radio and TV receiving equipment	208.88	218.68	227.90	223.63	-	5.69	5.62	6.11	6.11	-
3651	Radio and TV receiving sets	283.68	282.27	312.40	310.45	-	7.20	7.11	7.81	7.94	-
366	Communication equipment	289.77	285.99	322.80	317.52	-	7.43	7.24	8.01	8.03	-
3661	Telephone and telegraph apparatus	348.60	364.99	381.24	380.09	-	8.65	8.99	9.46	9.53	-
3662	Radio and TV communication equipment	358.97	397.16	381.68	380.03	-	8.82	9.57	9.59	9.67	-
367	Electronic components and accessories	342.86	345.66	381.64	380.15	-	8.55	8.62	9.40	9.31	-
3671,3	Electronic tubes	257.24	265.99	279.97	283.61	-	6.63	6.70	7.07	7.11	-
3674	Semiconductors and related devices	332.29	330.96	366.06	367.28	-	8.37	8.40	8.95	9.08	-
3675	Electronic components, nec	287.25	310.31	317.20	321.53	-	7.50	7.70	8.01	8.14	-
369	Misc. electrical equipment and supplies	245.46	249.38	263.74	264.80	-	6.23	6.25	6.61	6.67	-
3691	Storage batteries	348.33	350.83	343.14	339.95	-	8.73	8.62	8.60	8.53	-
3694	Engine electrical equipment	335.29	361.92	357.11	353.05	-	8.51	8.70	9.11	9.17	-
37	**TRANSPORTATION EQUIPMENT**	397.37	388.27	356.72	342.40	-	10.06	9.78	9.10	8.94	-
371	Motor vehicles and equipment	425.95	421.02	466.34	457.16	452.88	10.44	10.37	11.21	11.26	11.27
3711	Motor vehicles and car bodies	459.67	444.99	508.46	489.04	-	11.13	10.88	11.88	11.87	-
3713	Truck and bus bodies	517.07	501.43	574.56	547.94	-	12.37	12.23	13.33	13.24	-
3714	Motor vehicle parts and accessories	349.92	351.01	380.78	359.33	-	8.77	8.71	9.31	9.12	-
3715	Truck trailers	434.48	426.01	485.04	464.74	-	10.52	10.34	11.28	11.28	-
372	Aircraft and parts	273.40	283.86	302.13	294.03	-	7.47	7.47	7.93	8.03	-
3721	Aircraft	416.96	423.63	455.22	454.41	-	10.27	10.46	11.13	11.22	-
3724	Aircraft engines and engine parts	435.34	434.22	472.32	474.30	-	10.67	10.91	11.72	11.74	-
3728	Aircraft equipment, nec	411.34	427.43	448.11	447.28	-	10.44	10.58	11.01	11.01	-
373	Ship and boat building and repairing	385.43	395.96	430.44	424.98	-	9.31	9.45	10.20	10.21	-
3731	Shipbuilding and repairing	359.39	366.33	382.08	388.06	-	8.98	9.09	9.60	9.83	-
3732	Boat building and repairing	375.87	383.66	401.60	-	-	9.35	9.52	10.04	-	-
374	Railroad equipment	299.83	301.90	304.20	313.19	-	7.44	7.51	7.78	8.11	-
		426.73	431.04	424.13	-	-	10.57	10.98	11.25	-	-

See footnotes at end of table.

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C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		July 1981	Aug. 1981	June 1982	July 1982[p]	Aug. 1982[p]	July 1981	Aug. 1981	June 1982	July 1982[p]	Aug. 1982[p]
	MACHINERY, EXCEPT ELECTRICAL—Continued										
3531	Construction machinery	39.3	40.0	35.5	35.3	-	1.6	2.2	0.9	0.9	-
3532	Mining machinery	38.7	38.9	38.4	36.9	-	2.1	1.8	1.0	.4	-
3533	Oil field machinery	44.1	44.6	41.2	39.7	-	6.0	6.1	2.4	2.3	-
3535	Conveyors and conveying equipment	39.1	39.6	39.3	39.6	-	3.0	3.9	1.9	2.0	-
3537	Industrial trucks and tractors	38.4	38.2	37.3	37.0	-	2.5	2.6	.9	1.3	-
354	Metalworking machinery	41.0	41.3	39.8	39.5	-	3.7	4.0	2.6	2.8	-
3541	Machine tools, metal cutting types	41.3	41.4	38.7	38.9	-	4.0	4.2	1.9	1.9	-
3542	Machine tools, metal forming types	37.6	38.2	37.9	37.3	-	2.0	2.5	1.3	1.1	-
3544	Special dies, tools, jigs, and fixtures	41.6	42.2	41.3	40.6	-	4.6	4.9	4.1	1.3	-
3545	Machine tool accessories	40.7	40.9	37.4	37.9	-	3.0	3.1	1.2	1.4	-
3546	Power driven hand tools	39.2	39.8	39.0	39.4	-	2.0	2.7	1.1	1.5	-
355	Special industry machinery	40.3	40.8	40.0	39.0	-	2.7	2.8	2.2	2.9	-
3551	Food products machinery	40.3	40.8	39.9	39.5	-	1.9	2.2	2.2	2.3	-
3552	Textile machinery	39.7	40.2	38.9	38.4	-	1.8	2.1	1.1	.9	-
3555	Printing trades machinery	41.8	42.3	40.5	38.9	-	3.7	3.8	2.7	2.1	-
356	General industrial machinery	40.0	40.2	38.8	38.4	-	2.8	3.0	1.7	1.7	-
3561	Pumps and pumping equipment	37.8	38.1	38.6	37.7	-	2.2	2.7	1.5	1.2	-
3562	Ball and roller bearings	41.3	41.1	39.1	38.4	-	3.5	3.3	1.8	2.1	-
3563	Air and gas compressors	42.0	42.3	39.5	38.6	-	2.9	3.6	2.3	2.4	-
3564	Blowers and fans	39.6	39.7	40.6	40.2	-	3.0	3.2	2.4	2.2	-
3566	Speed changers, drives, and gears	40.7	41.3	36.7	37.1	-	3.7	4.3	1.0	.9	-
3568	Power transmission equipment, nec	41.6	40.6	36.7	37.2	-	3.5	2.9	1.1	1.4	-
357	Office and computing machines	40.5	41.6	41.3	41.0	-	2.2	2.8	2.3	2.1	-
3573	Electronic computing equipment	40.7	42.0	41.7	41.2	-	2.8	3.2	2.5	2.2	-
358	Refrigeration and service machinery	39.7	39.5	39.8	39.7	-	2.4	2.3	2.3	2.3	-
3585	Refrigeration and heating equipment	40.2	39.9	40.1	40.0	-	2.5	2.4	2.4	2.3	-
359	Misc. machinery, except electrical	40.4	40.6	39.4	39.1	-	3.6	3.7	2.5	2.2	-
3592	Carburetors, pistons, rings, valves	39.8	40.2	40.5	38.5	-	3.0	2.7	2.7	1.4	-
3599	Machinery, except electrical, nec	40.5	40.7	39.2	39.1	-	3.6	3.8	2.5	2.3	-
35	**ELECTRIC AND ELECTRONIC EQUIPMENT**										
361	Electric distributing equipment	39.7	40.0	39.5	39.1	39.2	2.1	2.3	1.9	1.7	-
3612	Transformers	39.8	39.6	38.7	37.9	-	2.7	2.8	1.7	1.5	-
3613	Switchgear and switchboard apparatus	40.9	41.0	39.1	38.2	-	3.4	3.8	2.1	1.7	-
362	Electrical industrial apparatus	38.9	38.4	38.4	37.6	-	2.3	2.7	1.4	1.4	-
3621	Motors and generators	40.6	40.0	38.9	38.4	-	2.8	2.7	1.7	1.8	-
3622	Industrial controls	40.8	39.8	39.9	39.7	-	2.9	2.6	1.9	2.2	-
363	Household appliances	39.5	39.4	37.6	37.1	-	2.8	2.5	1.4	1.3	-
3632	Household refrigerators and freezers	38.9	39.6	38.8	36.4	-	1.8	2.2	1.4	1.4	-
3633	Household laundry equipment	40.5	42.2	39.6	40.8	-	2.7	2.1	1.6	1.8	-
3634	Electric housewares and fans	38.6	37.8	38.3	37.8	-	1.1	1.4	.6	.5	-
364	Electric lighting and wiring equipment	38.1	39.4	38.3	37.0	-	1.5	2.4	1.1	1.3	-
3641	Electric lamps	39.7	39.5	38.9	39.0	-	2.0	2.1	1.6	1.6	-
3643	Current carrying wiring devices	41.0	41.1	38.9	38.8	-	1.6	2.0	1.5	1.3	-
3644	Noncurrent carrying wiring devices	40.4	39.8	39.4	40.0	-	2.5	2.5	1.8	2.2	-
3645	Residential lighting fixtures	40.0	38.9	38.9	39.1	-	2.1	2.4	1.0	1.3	-
365	Radio and TV receiving equipment	37.3	38.2	37.3	36.6	-	.9	1.3	1.0	.7	-
3651	Radio and TV receiving sets	39.4	39.7	40.0	39.1	-	1.7	1.6	1.8	1.5	-
366	Communication equipment	39.0	39.5	40.3	39.2	-	1.8	1.5	2.0	1.5	-
3661	Telephone and telegraph apparatus	40.3	40.6	40.3	39.8	-	2.1	2.3	2.0	1.3	-
3662	Radio and TV communication equipment	40.7	41.5	39.8	39.3	-	2.2	2.6	1.6	1.1	-
367	Electronic components and accessories	40.1	40.1	40.6	40.1	-	2.0	2.2	2.2	2.1	-
3671,3	Electronic tubes	38.8	39.7	39.6	39.5	-	2.0	2.3	2.3	2.1	-
3674	Semiconductors and related devices	39.7	39.4	40.9	40.9	-	1.7	1.7	2.1	1.7	-
3679	Electronic components, nec	38.3	40.3	39.6	39.5	-	1.7	2.4	2.5	2.4	-
369	Misc. electrical equipment and supplies	39.4	39.9	39.9	39.7	-	2.4	2.4	2.1	2.1	-
3691	Storage batteries	39.9	40.7	39.9	39.3	-	2.1	2.3	1.9	1.4	-
3694	Engine electrical equipment	39.4	41.6	39.2	38.5	-	2.1	2.5	1.6	1.3	-
		39.5	39.7	39.2	38.3	-	2.1	2.1	1.9	1.2	-
37	**TRANSPORTATION EQUIPMENT**										
371	Motor vehicles and equipment	40.6	40.6	41.6	40.6	40.4	3.5	3.3	3.3	3.0	-
3711	Motor vehicles and car bodies	41.3	40.9	42.8	41.2	-	3.7	3.1	4.0	3.2	-
3713	Truck and bus bodies	41.8	41.0	43.2	41.7	-	4.1	3.2	3.9	3.5	-
3714	Motor vehicle parts and accessories	39.9	40.3	40.9	39.4	-	2.9	2.9	2.6	1.9	-
3715	Truck trailers	41.3	41.2	43.0	41.2	-	3.6	3.2	4.4	3.1	-
372	Aircraft and parts	36.6	38.0	38.1	36.3	-	1.4	1.8	1.0	.8	-
3721	Aircraft	40.6	40.5	40.9	40.5	-	3.7	3.4	3.0	2.3	-
3724	Aircraft engines and engine parts	40.8	39.8	40.3	40.4	-	2.9	3.1	2.8	2.2	-
3728	Aircraft equipment, nec	39.4	40.4	40.7	39.9	-	3.2	3.3	3.5	1.2	-
373	Ship and boat building and repairing	41.4	41.9	42.2	41.3	-	4.1	4.2	3.5	1.7	-
3731	Ship building and repairing	40.2	40.3	39.8	39.6	-	3.6	3.8	2.4	2.7	-
3732	Boat building and repairing	40.2	40.3	40.0	-	-	3.6	3.9	2.7	-	-
374	Railroad equipment	40.3	40.2	39.1	39.1	-	3.7	3.7	1.5	2.1	-
		38.9	39.4	37.7	-	-	2.2	2.1	1.2	-	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		July 1981	Aug. 1981	June 1982	July 1982p	Aug. 1982p	July 1981	Aug. 1981	June 1982	July 1982p	Aug. 1982p
	TRANSPORTATION EQUIPMENT—Continued										
376	Guided missiles, space vehicles, parts										
3761	Guided missiles and space vehicles	$406.00	$408.22	$439.55	$438.99	-	$10.00	$10.03	$10.99	$11.11	-
379	Miscellaneous transportation equipment	415.67	416.07	469.84	466.61	-	10.38	10.35	11.11	11.15	-
3792	Travel trailers and campers	300.93	311.52	364.15	358.35	-	7.58	7.77	8.86	8.87	-
		264.3.	268.52	294.12	293.38	-	6.76	6.85	7.60	7.68	-
38	INSTRUMENTS AND RELATED PRODUCTS	296.46	305.02	330.85	327.85	$332.71	7.43	7.55	8.23	8.13	8.27
381	Engineering and scientific instruments	322.29	318.33	338.99	343.85	-	7.88	7.86	8.37	8.43	-
382	Measuring and controlling devices	292.40	312.36	334.76	332.98	-	7.31	7.60	8.39	8.56	-
3822	Environmental controls	272.83	277.03	289.17	284.60	-	7.06	7.14	7.65	7.63	-
3823	Process control instruments	315.13	312.60	332.52	333.30	-	7.38	7.39	8.17	8.23	-
3825	Instruments to measure electricity	292.82	339.39	372.30	367.99	-	7.47	8.10	9.17	9.46	-
383	Optical instruments and lenses	322.40	329.11	343.13	332.48	-	8.06	8.29	8.41	8.35	-
384	Medical instruments and supplies	252.70	256.10	277.60	271.21	-	6.43	6.50	7.31	6.93	-
3841	Surgical and medical instruments	252.41	256.64	282.80	270.51	-	6.39	6.40	7.07	6.99	-
3842	Surgical appliances and supplies	254.27	256.47	274.62	271.13	-	6.47	6.61	6.97	6.97	-
385	Ophthalmic goods	221.99	224.47	238.99	230.95	-	5.62	5.68	6.02	6.01	-
386	Photographic equipment and supplies	392.85	398.62	438.01	435.97	-	9.73	9.77	10.59	10.63	-
387	Watches, clocks, and watchcases	221.56	225.74	243.14	239.12	-	5.80	5.73	6.14	6.13	-
39	MISCELLANEOUS MANUFACTURING INDUSTRIES										
391	Jewelry, silverware, and plated ware	229.85	231.84	247.43	244.48	245.88	5.97	5.96	6.41	6.42	6.37
3911	Jewelry, precious metal	241.16	240.06	256.31	253.82	-	6.38	6.36	6.89	6.96	-
393	Musical instruments	235.26	247.03	252.98	248.17	-	5.48	6.57	6.95	6.83	-
394	Toys and sporting goods	223.67	232.62	243.46	249.02	-	5.88	5.98	6.34	6.21	-
3942, 4	Dolls, games, toys, and children's vehicles	215.51	216.58	236.77	231.43	-	5.58	5.51	6.04	5.98	-
3949	Sporting and athletic goods, nec	201.40	206.70	221.91	219.79	-	5.10	5.30	5.69	5.65	-
395	Pens, pencils, office and art supplies	231.60	227.83	251.62	241.15	-	5.79	5.75	6.37	6.28	-
396	Costume jewelry and notions	203.58	208.47	266.64	264.92	-	6.12	6.12	6.63	6.73	-
3961	Costume jewelry	192.51	195.83	209.88	203.67	-	5.12	5.18	5.49	5.54	-
399	Miscellaneous manufactures	177.14	180.42	194.40	187.88	-	4.88	4.85	5.13	5.19	-
3993	Signs and advertising displays	248.30	249.23	261.59	260.60	-	6.50	6.48	6.83	6.81	-
		264.34	267.42	289.06	277.86	-	6.92	6.91	7.37	7.19	-
	NONDURABLE GOODS										
20	FOOD AND KINDRED PRODUCTS	295.02	298.45	312.05	314.80	312.82	7.45	7.48	7.90	7.87	7.79
201	Meat products	288.25	295.71	297.11	298.19	-	7.41	7.43	7.56	7.53	-
2011	Meat packing plants	357.30	369.00	367.93	370.12	-	9.00	9.00	9.09	9.34	-
2013	Sausages and other prepared meats	349.27	354.56	365.82	366.62	-	8.82	8.82	9.10	9.12	-
2016	Poultry dressing plants	184.30	187.39	189.21	192.38	-	4.65	4.68	5.30	5.33	-
202	Dairy products	313.17	311.82	336.10	338.97	-	7.51	7.55	8.06	8.03	-
2022	Cheese, natural and processed	286.31	284.80	308.30	311.29	-	7.14	7.12	7.65	7.65	-
2026	Fluid milk	330.00	327.76	351.96	356.15	-	7.82	7.78	8.38	8.33	-
203	Preserved fruits and vegetables	248.62	271.32	266.32	266.17	-	6.56	6.80	6.99	6.86	-
2032	Canned specialties	292.73	304.30	323.21	326.82	-	7.21	7.28	8.02	8.01	-
2033	Canned fruits and vegetables	250.75	285.42	294.49	265.28	-	6.67	7.10	7.11	6.71	-
2037	Frozen fruits and vegetables	229.65	244.38	243.57	253.06	-	6.28	6.25	6.53	6.59	-
204	Grain mill products	353.15	357.84	374.27	393.07	-	8.29	8.40	8.89	9.12	-
2041	Flour and other grain mill products	371.54	381.49	376.70	421.36	-	8.22	8.48	8.72	9.15	-
2048	Prepared feeds, nec	285.78	284.14	302.40	306.24	-	6.60	6.67	7.00	7.04	-
205	Bakery products	303.01	300.99	319.26	320.12	-	7.85	7.90	8.38	8.39	-
2051	Bread, cake, and related products	306.43	305.90	322.43	322.43	-	7.98	8.05	8.53	8.53	-
2052	Cookies and crackers	292.04	288.37	310.44	314.82	-	7.45	7.49	7.96	7.97	-
206	Sugar and confectionery products	294.12	288.68	312.45	320.00	-	7.39	7.29	7.91	7.98	-
2061, 3	Cane and beet sugar	379.73	368.94	374.22	380.42	-	8.79	8.58	9.24	9.37	-
2065	Confectionery products	244.72	240.38	268.27	276.19	-	6.44	6.41	6.95	7.01	-
207	Fats and oils	334.05	331.80	354.96	355.58	-	7.96	7.90	8.16	8.20	-
208	Beverages	376.20	368.51	397.85	397.58	-	9.00	9.01	9.68	9.65	-
2082	Malt beverages	519.97	519.78	573.31	579.48	-	12.30	12.23	13.21	13.17	-
2086	Bottled and canned soft drinks	284.13	278.39	296.06	301.43	-	6.83	6.84	7.19	7.37	-
209	Misc. foods and kindred products	246.65	246.51	257.56	270.36	-	6.44	6.47	6.85	6.95	-
21	TOBACCO MANUFACTURES	365.16	354.09	397.44	385.97	365.50	9.46	8.70	10.35	10.33	9.42
211	Cigarettes	423.84	447.69	491.22	435.41	-	10.84	10.84	11.72	11.58	-
22	TEXTILE MILL PRODUCTS	217.50	225.44	220.60	216.71	220.58	5.50	5.65	5.79	5.81	5.82
221	Weaving mills, cotton	228.50	241.57	223.43	215.04	-	5.67	5.95	5.99	5.91	-
222	Weaving mills, synthetics	241.86	249.60	233.35	228.29	-	5.80	6.00	6.11	6.17	-
223	Weaving and finishing mills, wool	228.90	241.12	246.98	238.13	-	5.68	5.81	6.19	6.25	-
224	Narrow fabric mills	196.28	201.68	215.36	214.11	-	5.02	5.08	5.48	5.47	-
225	Knitting mills	193.16	199.16	200.46	200.67	-	5.11	5.20	5.36	5.38	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		July 1981	Aug. 1981	June 1982	July 1982P	Aug. 1982P	July 1981	Aug. 1981	June 1982	July 1982P	Aug. 1982P
	TRANSPORTATION EQUIPMENT—Continued										
376	Guided missiles, space vehicles, parts	40.6	40.7	40.4	39.8	-	3.5	3.4	2.7	2.7	-
3761	Guided missiles and space vehicles	40.2	40.2	40.4	39.7	-	3.5	3.1	2.6	2.6	-
379	Miscellaneous transportation equipment	39.7	40.3	41.1	40.4	-	1.9	2.2	3.6	3.1	-
3792	Travel trailers and campers	39.1	39.2	38.7	38.2	-	2.1	2.1	1.6	1.9	-
38	**INSTRUMENTS AND RELATED PRODUCTS**	39.9	40.4	40.2	39.5	39.8	2.0	2.2	1.7	1.7	-
381	Engineering and scientific instruments	40.9	40.5	40.5	40.5	-	1.9	2.7	2.0	1.9	-
382	Measuring and controlling devices	40.0	41.1	39.9	38.9	-	1.9	2.1	1.2	1.3	-
3822	Environmental controls	38.6	38.8	37.8	37.3	-	1.6	1.7	.7	.8	-
3823	Process control instruments	42.7	42.3	40.7	40.4	-	2.7	2.5	1.3	1.2	-
3825	Instruments to measure electricity	39.2	41.9	40.6	38.9	-	1.5	2.0	1.1	.9	-
383	Optical instruments and lenses	40.0	39.7	40.8	39.3	-	2.8	2.4	2.1	1.7	-
384	Medical instruments and supplies	39.3	39.4	39.6	38.8	-	2.0	2.1	2.2	1.7	-
3841	Surgical and medical instruments	39.5	40.1	40.0	38.7	-	2.0	2.4	2.6	2.3	-
3842	Surgical appliances and supplies	39.3	38.8	39.4	38.9	-	2.1	2.4	2.0	1.7	-
385	Ophthalmic goods	39.5	39.8	39.7	38.3	-	1.3	1.3	1.4	1.1	-
386	Photographic equipment and supplies	40.5	40.8	41.4	41.6	-	2.1	2.3	1.9	2.0	-
387	Watches, clocks, and watchcases	38.2	39.4	39.6	39.2	-	1.3	2.0	1.5	1.5	-
39	**MISCELLANEOUS MANUFACTURING INDUSTRIES**	38.5	38.9	38.6	38.2	38.6	1.5	1.9	1.6	1.2	-
391	Jewelry, silverware, and plated ware	37.8	38.4	37.2	37.0	-	1.0	1.9	1.2	.8	-
3911	Jewelry, precious metal	36.5	37.6	36.4	36.1	-	.8	2.0	1.2	.5	-
393	Musical instruments	38.3	38.9	38.4	40.1	-	.6	1.2	.9	.2	-
394	Toys and sporting goods	38.9	39.3	39.2	38.7	-	1.8	2.1	1.5	1.1	-
3942, 4	Dolls, games, toys, and children's vehicles	38.0	39.0	39.0	38.9	-	1.4	2.1	1.2	.9	-
3949	Sporting and athletic goods, nec	40.0	39.5	39.5	38.4	-	2.2	2.1	1.9	1.2	-
395	Pens, pencils, office and art supplies	39.8	40.6	40.4	40.2	-	2.0	2.4	1.8	1.8	-
396	Costume jewelry and notions	37.6	38.1	38.3	38.8	-	1.0	1.8	2.2	1.6	-
3961	Costume jewelry	36.6	37.2	38.6	36.2	-	.7	1.5	2.8	1.4	-
399	Miscellaneous manufactures	38.4	38.7	38.3	38.1	-	1.8	1.9	1.6	1.4	-
3993	Signs and advertising displays	38.2	38.7	38.0	37.6	-	2.1	2.3	1.8	1.5	-
	NONDURABLE GOODS										
20	**FOOD AND KINDRED PRODUCTS**	39.6	39.9	39.5	40.0	39.9	3.7	4.0	3.3	3.8	-
201	Meat products	38.9	39.8	39.3	39.6	-	3.1	3.7	3.3	3.8	-
2011	Meat packing plants	39.7	41.0	40.7	41.4	-	3.3	4.4	4.0	4.2	-
2013	Sausages and other prepared meats	39.6	40.2	40.2	40.2	-	3.5	3.7	3.6	3.6	-
2016	Poultry dressing plants	38.0	38.4	37.1	37.5	-	2.7	3.0	2.3	2.5	-
202	Dairy products	41.7	41.3	41.7	41.9	-	4.1	3.9	4.1	4.4	-
2022	Cheese, natural and processed	40.1	40.0	40.3	40.9	-	3.2	3.2	3.3	3.5	-
2026	Fluid milk	42.2	41.7	42.0	42.5	-	4.9	4.3	4.3	4.9	-
203	Preserved fruits and vegetables	37.9	39.9	38.1	38.8	-	3.8	4.6	2.5	4.2	-
2032	Canned specialties	40.6	41.8	40.3	40.7	-	2.9	4.9	2.4	3.9	-
2033	Canned fruits and vegetables	37.6	40.2	37.2	39.3	-	3.6	5.2	2.3	3.3	-
2037	Frozen fruits and vegetables	36.6	39.1	37.3	38.4	-	3.3	4.8	2.1	4.2	-
204	Grain mill products	42.6	42.6	42.1	41.1	-	5.5	5.8	4.7	5.1	-
2041	Flour and other grain mill products	45.2	45.2	43.2	46.0	-	6.3	5.8	5.2	6.1	-
2048	Prepared feeds, nec	43.3	42.6	43.2	43.5	-	6.2	5.8	5.6	5.7	-
205	Bakery products	38.6	38.1	38.1	38.2	-	3.3	3.1	2.9	3.3	-
2051	Bread, cake, and related products	38.9	38.0	37.8	37.8	-	3.6	3.1	3.1	3.2	-
2052	Cookies and crackers	39.2	38.5	39.0	39.5	-	2.4	2.8	1.8	2.1	-
206	Sugar and confectionery products	39.8	39.6	39.5	40.1	-	2.6	2.7	2.5	2.6	-
2061,3	Cane and beet sugar	43.4	43.0	40.5	40.6	-	4.4	3.8	1.9	1.9	-
2065	Confectionery products	38.0	37.5	38.6	39.4	-	1.7	2.1	2.0	2.1	-
207	Fats and oils	42.5	42.0	43.5	43.1	-	5.4	5.1	5.3	5.3	-
208	Beverages	41.8	40.9	41.1	41.2	-	5.0	4.4	4.2	4.1	-
2082	Malt beverages	43.9	42.5	43.4	44.0	-	7.1	6.4	6.1	6.9	-
2086	Bottled and canned soft drinks	41.6	40.7	40.5	40.9	-	4.7	4.4	3.9	3.9	-
209	Misc. foods and kindred products	38.3	38.1	37.6	38.9	-	3.4	3.8	2.8	3.3	-
21	**TOBACCO MANUFACTURES**	38.6	40.7	38.4	37.4	38.8	2.1	2.5	1.5	1.4	-
211	Cigarettes	39.1	41.3	38.5	37.6	-	2.4	2.8	1.7	1.3	-
22	**TEXTILE MILL PRODUCTS**	39.6	39.9	38.1	37.3	37.9	1.0	3.2	2.1	1.3	-
221	Weaving mills, cotton	40.3	40.6	37.3	35.9	-	1.5	3.6	2.0	1.3	-
222	Weaving mills, synthetics	41.7	41.6	37.7	37.0	-	3.7	3.9	1.9	1.8	-
223	Weaving and finishing mills, wool	40.3	41.5	39.9	38.1	-	2.9	4.5	3.5	2.7	-
224	Narrow fabric mills	39.1	39.7	39.3	39.0	-	1.8	2.7	2.0	1.8	-
225	Knitting mills	37.8	38.3	37.4	37.3	-	2.1	2.8	1.9	1.3	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		July 1981	Aug. 1981	June 1982	July 1982p	Aug. 1982p	July 1981	Aug. 1981	June 1982	July 1982p	Aug. 1982p
	TEXTILE MILL PRODUCTS—Continued										
2251	Women's hosiery, except socks	$178.23	$186.48	$189.81	$196.70	-	$4.83	$4.96	$5.13	$5.33	-
2252	Hosiery, nec	187.02	185.17	191.29	191.94	-	4.82	4.86	5.17	5.22	-
2253	Knit outerwear mills	187.99	194.46	194.11	194.18	-	5.08	5.09	5.19	5.22	-
2254	Knit underwear mills	175.78	182.77	179.87	178.52	-	4.91	4.98	5.11	5.11	-
2257	Circular knit fabric mills	227.94	230.29	235.20	231.27	-	5.80	5.92	6.00	5.98	-
226	Textile finishing, except wool	233.38	241.79	248.03	233.12	-	5.92	5.97	6.17	6.23	-
2261	Finishing plants, cotton	229.72	243.61	252.38	238.08	-	5.93	6.06	6.20	6.22	-
2262	Finishing plants, synthetics	247.85	253.59	251.27	227.98	-	6.06	6.17	6.31	6.11	-
227	Floor covering mills	222.51	230.62	227.29	227.02	-	5.72	5.78	5.95	6.07	-
228	Yarn and thread mills	205.92	210.40	209.34	203.29	-	5.20	5.38	5.48	5.45	-
2281	Yarn mills, except wool	207.88	212.12	207.97	202.71	-	5.21	5.37	5.43	5.43	-
2282	Throwing and winding mills	190.08	196.86	196.89	194.35	-	4.95	5.10	5.32	5.31	-
229	Miscellaneous textile goods	249.69	255.85	259.75	255.84	-	6.09	6.18	6.51	6.51	-
23	**APPAREL AND OTHER TEXTILE PRODUCTS**	177.12	180.05	183.89	183.37	$184.25	4.92	4.96	5.18	5.18	$5.19
231	Men's and boys' suits and coats	206.79	206.96	210.27	214.68	-	5.65	5.67	5.89	5.98	-
232	Men's and boys' furnishings	166.05	168.52	174.95	172.90	-	4.50	4.53	4.79	4.73	-
2321	Men's and boys' shirts and nightwear	156.40	164.72	171.77	166.52	-	4.40	4.48	4.63	4.69	-
2327	Men's and boys' separate trousers	169.34	168.18	179.85	174.96	-	4.58	4.57	4.84	4.86	-
2328	Men's and boys' work clothing	168.02	169.67	174.94	171.92	-	4.41	4.43	4.69	4.71	-
233	Women's and misses' outerwear	168.30	171.00	173.67	172.68	-	4.95	5.00	5.11	5.13	-
2331	Women's and misses' blouses and waists	160.65	161.24	165.90	162.05	-	4.67	4.66	4.74	4.53	-
2335	Women's and misses' dresses	165.14	169.44	168.53	175.15	-	5.05	5.15	5.25	5.38	-
2337	Women's and misses' suits and coats	189.69	190.71	186.15	193.87	-	5.52	5.56	5.59	5.77	-
2339	Women's and misses' outerwear, nec	165.55	167.20	167.81	168.07	-	4.73	4.75	4.95	4.89	-
234	Women's and children's undergarments	162.93	167.61	163.10	160.89	-	4.50	4.53	4.66	4.55	-
2341	Women's and children's underwear	161.98	165.84	162.03	159.04	-	4.45	4.47	4.59	4.49	-
2342	Brassieres and allied garments	166.73	170.24	170.02	169.16	-	4.71	4.80	5.06	5.08	-
236	Children's outerwear	162.17	165.53	174.33	170.39	-	4.53	4.56	4.75	4.72	-
2361	Children's dresses and blouses	161.17	163.35	169.20	169.22	-	4.58	4.55	4.70	4.74	-
238	Misc. apparel and accessories	161.02	164.26	166.48	163.04	-	4.84	4.94	5.18	5.23	-
239	Misc. fabricated textile products	218.12	223.68	234.09	227.66	-	5.71	5.75	6.16	6.15	-
2391	Curtains and draperies	160.75	170.69	166.61	158.81	-	4.34	4.48	4.68	4.61	-
2392	House furnishing, nec	186.24	191.95	192.65	191.51	-	4.85	4.96	5.11	5.13	-
2396	Automotive and apparel trimmings	402.21	398.67	443.47	425.86	-	9.81	9.70	10.79	10.42	-
24	**PAPER AND ALLIED PRODUCTS**	370.15	367.61	389.76	392.92	390.90	8.73	8.67	9.28	9.43	9.40
261 2 pt	Paper and pulp mills	459.33	451.42	477.60	487.51	-	10.23	10.19	10.83	10.98	-
262	Paper mills, except building paper	463.65	452.93	480.34	492.75	-	10.19	10.11	10.77	10.91	-
263	Paperboard mills	456.57	446.61	474.57	470.90	-	10.52	10.22	10.96	11.03	-
264	Misc. converted paper products	310.13	314.00	332.11	332.05	-	7.62	7.64	8.16	8.23	-
2641	Paper coating and glazing	360.81	365.08	386.56	392.08	-	8.66	8.59	9.27	9.33	-
2642	Envelopes	277.11	288.05	298.15	298.84	-	6.98	7.06	7.51	7.56	-
2643	Bags, except textile bags	290.80	296.70	312.94	311.84	-	7.27	7.29	7.67	7.72	-
265	Paperboard containers and boxes	313.86	316.58	333.34	332.09	-	7.60	7.61	8.15	8.22	-
2651	Folding paperboard boxes	324.73	321.68	339.89	337.39	-	7.75	7.77	8.29	8.39	-
2653	Corrugated and solid fiber boxes	328.34	338.40	352.31	350.38	-	7.95	8.00	8.51	8.63	-
2654	Sanitary food containers	302.87	298.50	316.65	326.04	-	7.06	7.04	7.79	7.93	-
27	**PRINTING AND PUBLISHING**	305.39	309.38	319.55	321.77	324.12	8.20	8.25	8.66	8.72	8.76
271	Newspapers	278.22	282.74	291.61	292.69	-	8.33	8.39	8.81	8.84	-
272	Periodicals	285.67	290.63	323.47	322.34	-	7.70	7.75	8.79	8.88	-
273	Books	280.49	294.52	293.97	295.89	-	7.58	7.63	8.01	8.04	-
2731	Book publishing	269.35	284.93	285.07	288.77	-	7.26	7.42	7.81	7.89	-
2732	Book printing	293.59	305.75	303.69	303.62	-	7.85	7.96	8.23	8.21	-
274	Miscellaneous publishing	257.40	274.54	292.47	293.63	-	7.15	7.40	7.87	7.93	-
275	Commercial printing	329.56	333.68	341.00	345.85	-	8.56	8.60	8.95	9.01	-
2751	Commercial printing, letterpress	306.32	308.77	318.85	325.56	-	8.04	8.02	8.48	8.58	-
2752	Commercial printing, lithographic	340.17	345.15	350.21	353.28	-	8.79	8.95	9.12	9.20	-
276	Manifold business forms	337.42	330.89	344.92	344.57	-	8.17	8.17	8.71	8.73	-
278	Blankbooks and bookbinding	241.84	240.14	258.62	256.28	-	6.26	6.27	6.79	6.78	-
279	Printing trade services	381.38	392.43	403.39	405.96	-	10.17	10.30	10.56	10.69	-
28	**CHEMICALS AND ALLIED PRODUCTS**	380.14	380.47	406.96	407.41	403.40	9.16	9.19	9.95	10.01	10.01
281	Industrial inorganic chemicals	426.40	425.60	446.07	446.93	-	10.25	10.33	10.96	11.02	-
2819	Industrial inorganic chemicals, nec	422.71	424.73	447.63	450.72	-	10.26	10.41	11.08	11.24	-
282	Plastics materials and synthetics	382.33	379.61	398.69	400.27	-	9.06	9.06	9.82	9.92	-
2821	Plastics materials and resins	413.28	415.36	440.32	440.28	-	9.84	9.89	10.61	10.66	-
2824	Organic fibers, noncellulosic	368.07	360.32	377.34	379.75	-	8.62	8.62	9.41	9.37	-
283	Drugs	334.56	340.30	369.45	366.33	-	8.24	8.30	9.06	9.13	-
2834	Pharmaceutical preparations	314.03	322.40	351.35	348.48	-	7.93	8.04	8.74	8.80	-

See footnotes at end of table

C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		July 1981	Aug. 1981	June 1982	July 1982P	Aug. 1982P	July 1981	Aug. 1981	June 1982	July 1982P	Aug. 1982P
	TEXTILE MILL PRODUCTS—Continued										
2251	Women's hosiery, except socks	36.9	38.0	37.0	37.9	-	2.3	2.3	2.0	1.9	-
2252	Hosiery, nec	38.6	38.1	37.0	36.7	-	2.6	2.2	1.9	1.3	-
2253	Knit outerwear mills	37.3	38.2	37.4	37.2	-	1.8	2.0	1.6	1.3	-
2254	Knit underwear mills	35.8	36.7	35.2	34.8	-	.7	1.4	.7	.7	-
2257	Circular knit fabric mills	39.3	38.9	39.2	39.0	-	2.5	2.4	2.9	2.5	-
226	Textile finishing, except wool	40.1	40.5	40.2	37.6	-	3.2	3.6	2.7	1.3	-
2261	Finishing plants, cotton	39.3	40.2	40.7	38.4	-	2.9	3.3	2.3	1.3	-
2262	Finishing plants, synthetics	40.9	41.1	39.2	35.4	-	3.9	4.0	3.2	1.1	-
227	Floor covering mills	38.9	39.9	38.2	37.4	-	3.7	3.7	1.6	1.3	-
228	Yarn and thread mills	39.6	39.4	38.2	37.3	-	3.2	2.9	2.4	2.1	-
2281	Yarn mills, except wool	39.9	39.5	38.3	37.4	-	3.5	3.1	2.4	2.1	-
2282	Throwing and winding mills	38.4	38.6	37.0	36.6	-	2.5	2.7	1.9	1.0	-
229	Miscellaneous textile goods	41.0	41.4	39.9	39.3	-	3.1	3.8	2.8	2.1	-
23	APPAREL AND OTHER TEXTILE PRODUCTS	36.0	36.3	35.5	35.4	35.5	1.0	1.3	1.1	.8	-
231	Men's and boys' suits and coats	36.8	36.5	35.7	35.9	-	.6	.8	.9	.4	-
232	Men's and boys' furnishings	36.9	37.2	36.6	36.4	-	.9	1.1	1.0	.9	-
2321	Men's and boys' shirts and nightwear	36.0	37.1	37.1	36.2	-	.8	1.0	1.3	.8	-
2327	Men's and boys' separate trousers	37.3	36.8	35.3	36.0	-	1.0	1.1	.8	1.1	-
2329	Men's and boys' work clothing	38.1	38.3	37.3	36.5	-	1.1	1.2	1.2	1.1	-
233	Women's and misses' outerwear	34.0	34.2	33.4	33.7	-	.9	1.1	.9	.8	-
2331	Women's and misses' blouses and waists	34.4	34.6	35.0	35.0	-	.8	1.1	1.0	1.0	-
2335	Women's and misses' dresses	32.7	32.9	32.1	32.8	-	.9	1.0	.7	1.3	-
2337	Women's and misses' suits and coats	34.4	34.3	33.3	33.6	-	.9	1.0	.6	1.3	-
2339	Women's and misses' outerwear, nec	35.0	35.2	33.9	34.1	-	.9	1.2	1.0	.8	-
234	Women's and children's undergarments	36.2	37.0	35.0	34.6	-	1.3	1.5	.9	.7	-
2341	Women's and children's underwear	36.4	37.1	35.3	34.9	-	1.3	1.5	1.0	.7	-
2342	Brassieres and allied garments	35.9	36.3	33.6	33.3	-	1.1	1.5	.6	.5	-
236	Children's outerwear	35.8	36.3	36.7	36.1	-	1.0	1.0	1.3	1.0	-
2361	Children's dresses and blouses	35.5	35.9	36.0	35.7	-	1.1	1.3	.9	1.1	-
238	Misc. apparel and accessories	37.4	37.3	36.0	35.2	-	1.4	1.6	.9	.9	-
239	Misc. fabricated textile products	38.2	38.9	38.0	37.2	-	1.8	2.1	2.0	1.1	-
2391	Curtains and draperies	36.7	38.1	35.6	34.3	-	.6	1.4	1.4	.7	-
2392	House furnishings, nec	38.8	38.7	37.7	36.9	-	2.0	2.1	1.5	1.1	-
2396	Automotive and apparel trimmings	41.0	41.1	41.1	40.1	-	3.2	3.8	4.2	2.5	-
24	PAPER AND ALLIED PRODUCTS	42.4	42.4	42.0	41.8	41.5	4.6	4.5	3.9	4.0	-
261, 2, 6	Paper and pulp mills	44.9	44.3	44.1	44.4	-	6.9	6.2	5.7	6.3	-
262	Paper mills, except building paper	45.5	44.8	44.6	45.0	-	7.2	6.4	5.8	6.1	-
263	Paperboard mills	43.4	43.7	43.3	42.5	-	7.4	6.8	6.3	6.0	-
264	Misc. converted paper products	40.7	41.1	40.7	40.2	-	2.7	2.9	2.4	2.4	-
2641	Paper coating and glazing	42.2	42.5	41.7	41.8	-	3.0	3.2	2.3	2.4	-
2642	Envelopes	39.7	40.8	39.7	39.0	-	1.9	2.8	1.8	1.7	-
2643	Bags, except textile bags	40.9	40.7	40.8	40.4	-	2.5	3.0	2.6	2.5	-
265	Paperboard containers and boxes	41.3	41.6	40.9	40.4	-	3.4	3.8	3.0	3.1	-
2651	Folding paperboard boxes	41.9	41.4	41.0	40.6	-	3.9	3.8	2.8	3.0	-
2653	Corrugated and solid fiber boxes	41.3	42.3	41.4	40.6	-	3.5	4.1	3.5	3.5	-
2654	Sanitary food containers	42.9	42.4	40.7	41.8	-	3.4	3.5	2.9	3.4	-
27	PRINTING AND PUBLISHING	37.2	37.5	36.9	36.9	37.0	2.3	2.6	2.0	2.3	-
271	Newspapers	33.4	33.7	33.1	33.1	-	1.1	1.6	1.1	1.2	-
272	Periodicals	37.1	37.5	36.8	36.3	-	1.8	2.3	2.3	1.8	-
273	Books	37.2	38.6	36.7	37.3	-	1.9	2.5	1.2	1.7	-
2731	Book publishing	37.1	38.4	36.5	36.6	-	.9	1.7	.9	1.3	-
2732	Book printing	37.4	38.9	36.9	38.2	-	2.9	3.4	1.6	2.1	-
274	Miscellaneous publishing	36.8	37.1	37.4	37.5	-	.7	2.0	1.4	1.2	-
275	Commercial printing	38.5	38.8	38.1	38.3	-	2.9	3.1	2.4	2.3	-
2751	Commercial printing, letterpress	38.1	38.5	37.6	37.9	-	2.4	2.3	2.0	1.8	-
2752	Commercial printing, lithographic	38.7	39.0	38.4	38.4	-	3.1	3.5	2.5	2.5	-
276	Manifold business forms	41.3	40.5	39.6	39.2	-	3.7	3.2	2.2	2.4	-
278	Blankbooks and bookbinding	38.6	38.3	38.6	37.8	-	1.7	1.6	1.1	1.3	-
279	Printing trade service	37.5	38.1	38.2	38.7	-	3.6	3.8	3.1	3.7	-
28	CHEMICALS AND ALLIED PRODUCTS	41.5	41.4	40.9	40.7	40.3	3.2	3.3	2.8	2.7	-
281	Industrial inorganic chemicals	41.6	41.2	40.7	40.3	-	3.4	3.3	3.0	2.7	-
2819	Industrial inorganic chemicals, nec	41.2	40.8	40.4	40.1	-	3.2	3.1	3.0	2.3	-
282	Plastics materials and synthetics	42.2	41.9	40.6	40.4	-	3.7	3.6	2.6	2.7	-
2821	Plastics materials and resins	42.0	42.0	41.5	41.3	-	4.1	4.4	3.4	3.4	-
2824	Organic fibers, noncellulosic	42.7	41.8	40.1	40.1	-	3.5	3.2	2.1	2.2	-
283	Drugs	40.6	41.0	40.8	40.3	-	2.5	2.7	2.6	2.9	-
2834	Pharmaceutical preparations	39.6	40.0	40.2	39.6	-	2.4	2.7	2.5	2.3	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		July 1981	Aug. 1981	June 1982	July 1982P	Aug. 1982P	July 1981	Aug. 1981	June 1982	July 1982P	Aug. 1982P
	CHEMICALS AND ALLIED PRODUCTS—Cont'd										
284	Soap, cleaners, and toilet goods	$330.07	$339.76	$377.71	$368.53	-	$8.36	$8.41	$9.19	$9.39	-
2841	Soap and other detergents	457.87	461.49	515.91	496.78	-	10.98	10.91	11.86	11.83	-
2844	Toilet preparations	253.76	251.55	287.17	283.02	-	6.49	6.50	7.27	7.25	-
2842, 3	Polishing, sanitation, and finishing preparations	334.94	347.30	358.36	356.13	-	8.27	8.45	8.80	8.75	-
285	Paints and allied products	325.99	324.81	358.35	354.40	-	7.99	8.10	8.87	8.85	-
286	Industrial organic chemicals	464.83	457.69	497.70	499.45	-	10.81	10.82	11.85	11.82	-
2865	Cyclic crudes and intermediates	431.38	421.82	467.87	476.21	-	10.15	10.14	11.22	11.42	-
2861, 9	Gum, wood, and industrial organic chemicals, nec	476.50	470.73	507.73	507.36	-	11.03	11.05	12.06	12.08	-
287	Agricultural chemicals	378.84	383.66	398.94	411.16	-	9.02	9.07	9.59	9.85	-
289	Miscellaneous chemical products	349.25	346.42	372.78	377.46	-	8.56	8.47	9.25	9.32	-
29	PETROLEUM AND COAL PRODUCTS	499.49	486.76	553.93	545.60	$550.12	11.43	11.32	12.53	12.43	$12.39
291	Petroleum refining	539.00	520.99	600.32	588.74	-	12.25	12.06	13.46	13.35	-
295	Paving and roofing materials	382.37	387.10	409.03	424.80	-	8.77	8.98	9.36	9.44	-
30	RUBBER AND MISC. PLASTICS PRODUCTS	286.48	292.09	306.36	302.97	302.15	7.18	7.23	7.64	7.67	7.67
301	Tires and inner tubes	460.91	474.24	478.88	471.47	-	11.16	11.40	11.68	11.57	-
302	Rubber and plastics footwear	184.51	175.96	200.46	183.87	-	4.78	4.73	5.14	5.01	-
303, 4	Reclaimed rubber, and rubber and plastics hose and belting	324.06	327.54	335.79	323.95	-	7.79	7.95	8.19	8.14	-
306	Fabricated rubber products, nec	264.37	271.88	291.85	286.60	-	6.71	6.78	7.26	7.33	-
307	Miscellaneous plastics products	261.88	265.58	278.50	277.69	-	6.58	6.59	6.98	7.03	-
31	LEATHER AND LEATHER PRODUCTS	181.41	183.39	196.71	190.83	193.18	4.97	4.97	5.36	5.31	5.38
311	Leather tanning and finishing	253.89	261.62	287.43	273.67	-	6.51	6.59	7.15	7.03	-
314	Footwear, except rubber	172.44	174.36	186.56	179.32	-	4.79	4.79	5.18	5.16	-
3143	Men's footwear, except athletic	183.63	185.87	196.74	185.50	-	4.99	5.01	5.33	5.27	-
3144	Women's footwear, except athletic	165.67	167.08	183.32	177.56	-	4.68	4.68	5.05	5.03	-
316	Luggage	191.44	197.84	205.92	201.35	-	5.16	5.22	5.72	5.54	-
317	Handbags and personal leather goods	173.59	173.43	181.06	185.10	-	4.73	4.70	4.92	5.03	-
	TRANSPORTATION AND PUBLIC UTILITIES	383.90	389.87	399.84	404.24	410.15	9.67	9.87	10.20	10.26	10.47
	RAILROAD TRANSPORTATION										
4011	Class I railroads	468.86	447.72	491.12	-	-	10.56	10.66	11.29	-	-
41	LOCAL AND INTERURBAN PASSENGER TRANSIT										
411	Local and suburban transportation	260.81	268.05	283.85	270.45	-	7.03	7.11	7.13	7.03	-
413	Intercity highway transportation	292.13	295.32	303.34	309.20	-	7.38	7.31	7.66	7.73	-
		408.81	429.75	416.88	442.50	-	10.96	11.28	11.58	11.93	-
42	TRUCKING AND WAREHOUSING	391.04	393.61	399.38	395.01	-	9.95	9.99	10.32	10.23	-
421, 3	Trucking and trucking terminals	399.91	403.30	407.12	402.33	-	10.15	10.21	10.52	10.45	-
422	Public warehousing	267.19	269.40	285.18	290.61	-	6.94	6.89	7.35	7.39	-
46	PIPE LINES, EXCEPT NATURAL GAS	490.75	482.72	529.91	529.13	-	11.23	11.20	12.41	12.43	-
48	COMMUNICATION	366.16	393.20	395.40	396.40	-	9.20	9.83	10.01	10.01	-
481	Telephone communication	377.88	413.70	414.16	416.40	-	9.40	10.24	10.38	10.41	-
4817	Switchboard operating employees*	261.17	284.97	293.72	301.88	-	7.57	8.26	8.69	8.75	-
4818	Line construction employees*	480.27	524.92	514.03	512.74	-	10.94	11.93	12.01	11.98	-
483	Radio and television broadcasting	314.80	314.12	331.51	322.61	-	8.35	8.31	8.77	8.58	-
49	ELECTRIC, GAS, AND SANITARY SERVICES	408.62	410.18	440.50	442.98	-	9.87	9.98	10.64	10.73	-
491	Electric services	422.52	418.74	453.18	455.62	-	10.06	10.09	10.79	10.83	-
492	Gas production and distribution	368.34	369.77	391.53	394.79	-	9.05	9.13	9.62	9.73	-
493	Combination utility services	451.96	462.89	498.95	498.08	-	10.97	11.29	12.14	12.03	-
496	Sanitary services	319.09	323.14	347.21	353.05	-	7.84	7.92	8.51	8.59	-
	WHOLESALE AND RETAIL TRADE	193.85	194.83	199.02	202.12	203.07	5.91	5.98	6.20	6.23	6.25
50, 51	WHOLESALE TRADE	294.10	296.06	309.19	311.92	313.08	7.58	7.65	8.01	8.05	8.08
50	WHOLESALE TRADE DURABLE GOODS	294.84	298.72	310.05	311.61	-	7.56	7.64	7.95	7.99	-
501	Motor vehicles and automotive equipment	273.00	272.69	279.31	279.75	-	7.00	7.01	7.21	7.21	-
502	Furniture and home furnishings	259.61	261.85	273.79	273.06	-	6.96	7.02	7.36	7.36	-
503	Lumber and construction materials	307.74	312.84	308.10	313.21	-	7.83	7.94	7.90	7.99	-
504	Sporting goods, toys, and hobby goods	297.33	299.30	317.81	323.76	-	7.95	7.96	8.43	8.52	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		July 1981	Aug. 1981	June 1982	July 1982P	Aug. 1982P	July 1981	Aug. 1981	June 1982	July 1982P	Aug. 1982P
	CHEMICALS AND ALLIED PRODUCTS—Cont'd										
284	Soap, cleaners, and toilet goods	40.2	40.4	41.1	40.5	-	2.4	3.2	2.8	2.4	-
2841	Soap and other detergents	41.7	42.3	43.5	42.1	-	3.8	4.4	4.1	3.7	-
2844	Toilet preparations	39.1	38.7	39.5	39.2	-	1.5	2.3	2.9	1.8	-
2842, 3	Polishing, sanitation, and finishing preparations	40.5	41.1	40.7	40.7	-	2.3	3.2	2.6	2.3	-
285	Paints and allied products	40.8	40.1	40.4	40.9	-	2.9	2.7	2.6	2.5	-
286	Industrial organic chemicals	43.0	42.3	42.0	41.9	-	4.0	3.8	3.0	3.2	-
2865	Cyclic crudes and intermediates	42.5	41.6	41.7	41.7	-	3.8	3.4	2.5	2.4	-
2861, 9	Gum, wood, and industrial organic chemicals, nec	43.2	42.6	42.1	42.0	-	4.1	3.9	3.2	3.4	-
287	Agricultural chemicals	42.0	42.3	41.6	41.7	-	4.0	4.0	3.4	3.5	-
289	Miscellaneous chemical products	40.6	40.9	40.3	40.5	-	2.8	3.0	2.4	2.4	-
29	PETROLEUM AND COAL PRODUCTS	43.7	43.0	44.2	44.0	44.4	3.9	3.8	4.1	4.1	-
291	Petroleum refining	44.0	43.2	44.6	44.1	-	3.6	3.4	3.7	3.8	-
295	Paving and roofing materials	43.6	43.3	43.7	45.0	-	5.6	5.9	6.4	7.5	-
30	RUBBER AND MISC. PLASTICS PRODUCTS	39.9	40.4	40.1	39.5	39.6	3.0	3.2	2.8	2.5	-
301	Tires and inner tubes	41.3	41.6	41.0	40.4	-	2.9	3.7	2.6	2.3	-
302	Rubber and plastics footwear	38.6	37.2	39.0	36.7	-	2.5	2.0	1.9	1.3	-
303, 4	Reclaimed rubber, and rubber and plastics hose and belting	41.6	41.2	41.0	39.7	-	3.1	3.1	2.2	2.9	-
306	Fabricated rubber products, nec	39.4	40.1	40.2	39.1	-	2.5	2.7	2.5	2.3	-
307	Miscellaneous plastics products	39.8	40.3	39.9	39.5	-	3.2	3.2	2.9	2.7	-
31	LEATHER AND LEATHER PRODUCTS	36.5	36.9	36.7	35.9	35.9	1.3	1.5	1.6	1.2	-
311	Leather tanning and finishing	39.0	39.7	40.2	38.6	-	2.3	2.9	3.1	2.2	-
314	Footwear, except rubber	36.0	36.4	36.3	35.4	-	1.1	1.2	1.5	1.1	-
3143	Men's footwear, except athletic	36.8	37.1	36.5	35.2	-	1.1	1.3	1.3	.8	-
3144	Women's footwear, except athletic	35.4	35.7	36.3	35.3	-	1.3	1.2	2.0	1.4	-
316	Luggage	37.1	37.9	36.0	35.7	-	1.1	1.3	2.2	1.9	-
317	Handbags and personal leather goods	36.7	36.9	36.8	36.8	-	1.6	1.9	1.0	1.4	-
	TRANSPORTATION AND PUBLIC UTILITIES	39.7	39.5	39.2	39.4	39.4	-	-	-	-	-
	RAILROAD TRANSPORTATION										
4011	Class I railroads[1]	44.4	42.0	43.5	-	-	-	-	-	-	-
41	LOCAL AND INTERURBAN PASSENGER TRANSIT	37.1	37.7	34.2	36.4	-	-	-	-	-	-
411	Local and suburban transportation	39.6	40.4	39.6	40.0	-	-	-	-	-	-
413	Intercity highway transportation	37.3	38.2	36.0	37.5	-	-	-	-	-	-
42	TRUCKING AND WAREHOUSING	39.3	39.4	38.7	38.5	-	-	-	-	-	-
421, 3	Trucking and trucking terminals	39.4	39.5	38.7	38.5	-	-	-	-	-	-
422	Public warehousing	38.5	39.1	38.8	38.8	-	-	-	-	-	-
46	PIPE LINES, EXCEPT NATURAL GAS	43.7	43.1	42.7	42.5	-	-	-	-	-	-
48	COMMUNICATION	39.8	40.0	39.5	39.6	-	-	-	-	-	-
481	Telephone communication	40.2	40.4	39.9	40.0	-	-	-	-	-	-
4817	Switchboard operating employees	34.5	34.5	33.8	34.5	-	-	-	-	-	-
4818	Line construction employees[4]	43.9	44.0	42.8	42.8	-	-	-	-	-	-
483	Radio and television broadcasting	37.7	37.8	37.8	37.6	-	-	-	-	-	-
49	ELECTRIC, GAS, AND SANITARY SERVICES	41.4	41.1	41.4	41.4	-	-	-	-	-	-
491	Electric services	42.0	41.5	42.0	41.8	-	-	-	-	-	-
492	Gas production and distribution	40.7	40.5	40.7	40.7	-	-	-	-	-	-
493	Combination utility services	41.2	41.0	41.1	41.3	-	-	-	-	-	-
495	Sanitary services	40.7	40.8	40.8	41.1	-	-	-	-	-	-
	WHOLESALE AND RETAIL TRADE	32.8	32.8	32.1	32.6	32.7	-	-	-	-	-
50, 51	WHOLESALE TRADE	38.8	38.7	38.6	38.7	38.7	-	-	-	-	-
50	WHOLESALE TRADE-DURABLE GOODS	39.0	39.1	39.0	39.0	-	-	-	-	-	-
501	Motor vehicles and automotive equipment	39.0	38.9	38.6	38.8	-	-	-	-	-	-
502	Furniture and home furnishings	37.3	37.3	37.2	37.1	-	-	-	-	-	-
503	Lumber and construction materials	39.3	39.4	39.0	39.2	-	-	-	-	-	-
504	Sporting goods, toys, and hobby goods	37.4	37.6	37.7	38.0	-	-	-	-	-	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry – Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		July 1981	Aug. 1981	June 1982	July 1982[p]	Aug. 1982[p]	July 1981	Aug. 1981	June 1982	July 1982[p]	Aug. 1982[p]
	WHOLESALE TRADE DURABLE GOODS—Continued										
505	Metals and minerals, except petroleum	$346.81	$350.06	$351.92	$352.69	-	$8.78	$8.84	$9.07	$9.11	-
506	Electrical goods	306.92	316.61	334.62	338.58	-	7.89	8.16	8.45	8.55	-
507	Hardware, plumbing, and heating equipment	272.38	276.83	287.90	289.48	-	7.02	7.09	7.42	7.43	-
508	Machinery, equipment, and supplies	306.96	309.68	322.65	323.87	-	7.77	7.84	8.21	8.27	-
509	Miscellaneous durable goods	236.38	243.04	249.48	249.75	-	6.27	6.26	6.60	6.66	-
51	WHOLESALE TRADE NONDURABLE GOODS	291.84	291.46	307.82	312.09	-	7.60	7.67	8.04	8.17	-
511	Paper and paper products	313.76	314.50	327.25	329.87	-	8.48	8.50	8.75	8.83	-
512	Drugs, proprietaries, and sundries	300.47	306.90	330.48	332.76	-	7.97	8.25	8.86	8.84	-
513	Apparel, piece goods, and notions	250.61	252.59	265.72	266.79	-	6.81	6.79	7.32	7.37	-
514	Groceries and related products	293.33	292.61	306.75	313.43	-	7.56	7.66	8.03	8.12	-
516	Chemicals and allied products	345.32	350.24	369.97	376.74	-	8.90	9.05	9.56	9.64	-
517	Petroleum and petroleum products	353.89	362.46	386.97	386.40	-	9.12	9.13	9.65	9.65	-
518	Beer, wine, and distilled beverages	337.27	333.37	352.91	357.19	-	8.97	9.01	9.59	9.68	-
519	Miscellaneous nondurable goods	239.94	239.23	251.25	253.75	-	6.20	6.23	6.56	6.61	-
5259	RETAIL TRADE	161.92	162.23	164.65	167.93	$168.48	5.29	5.25	5.47	5.47	$5.47
52	BUILDING MATERIALS AND GARDEN SUPPLIES	213.38	216.00	217.18	223.94	-	5.69	5.76	5.95	6.07	-
521	Lumber and other building materials	236.04	235.59	236.22	240.66	-	5.98	6.01	6.20	6.24	-
525	Hardware stores	174.38	175.58	180.60	185.15	-	5.04	5.06	5.25	5.29	-
53	GENERAL MERCHANDISE STORES	154.80	154.28	157.63	162.00	-	5.16	5.18	5.38	5.43	-
531	Department stores	159.67	159.13	162.64	168.00	-	5.34	5.34	5.57	5.63	-
533	Variety stores	125.50	125.04	129.21	130.80	-	4.24	4.21	4.39	4.43	-
539	Misc. general merchandise stores	131.94	132.25	131.81	136.16	-	4.27	4.28	4.35	4.45	-
54	FOOD STORES	219.52	219.74	226.61	230.55	-	6.86	6.91	7.28	7.35	-
541	Grocery stores	228.30	229.12	236.25	240.64	-	7.09	7.16	7.50	7.62	-
546	Retail bakeries	144.83	145.53	146.58	147.41	-	4.96	4.90	5.02	4.98	-
55	AUTOMOTIVE DEALERS AND SERVICE STATIONS	233.55	234.46	235.99	236.76	-	6.11	6.17	6.31	6.23	-
551, 2	New and used car dealers	273.74	277.59	279.65	278.13	-	7.11	7.21	7.34	7.33	-
553	Auto and home supply stores	236.57	231.74	239.57	246.85	-	5.77	5.68	5.93	6.08	-
554	Gasoline service stations	175.69	175.21	178.11	179.86	-	4.84	4.84	5.06	5.01	-
56	APPAREL AND ACCESSORY STORES	136.00	136.16	138.51	141.14	-	4.61	4.60	4.86	4.85	-
561	Men's and boys' clothing and furnishings	176.04	169.68	174.49	177.65	-	5.40	5.19	5.47	5.59	-
562	Women's ready-to-wear stores	121.26	122.82	123.40	127.29	-	4.30	4.38	4.52	4.58	-
565	Family clothing stores	131.24	132.73	140.92	144.85	-	4.51	4.53	4.91	4.91	-
566	Shoe stores	138.95	138.82	141.15	140.91	-	4.71	4.69	4.97	4.93	-
57	FURNITURE AND HOME FURNISHINGS STORES	209.21	210.14	213.62	215.14	-	5.91	5.97	6.21	6.23	-
571	Furniture and home furnishings stores	209.09	210.70	212.48	213.28	-	5.94	6.02	6.23	6.29	-
572	Household appliance stores	224.90	221.08	233.69	233.89	-	6.23	6.21	6.62	6.57	-
573	Radio, television, and music stores	199.09	202.00	203.55	209.40	-	5.69	5.69	5.90	5.89	-
58	EATING AND DRINKING PLACES[7]	106.11	107.29	107.71	109.62	-	3.93	3.93	4.08	4.14	-
59	MISCELLANEOUS RETAIL	163.07	163.01	167.23	169.38	-	5.08	5.11	5.36	5.35	-
591	Drug stores and proprietary stores	141.47	142.03	147.75	151.59	-	4.70	4.75	5.06	5.07	-
594	Miscellaneous shopping goods stores	152.00	150.10	151.39	155.19	-	4.78	4.75	4.98	4.99	-
596	Nonstore retailers	197.57	198.58	205.13	204.89	-	5.88	5.91	6.16	6.19	-
598	Fuel and ice dealers	256.99	259.46	265.88	268.71	-	6.71	6.81	7.09	7.19	-
599	Retail stores, nec	170.65	170.17	180.94	178.95	-	5.14	5.22	5.45	5.39	-
	FINANCE, INSURANCE, AND REAL ESTATE[8]	227.96	232.23	242.23	245.75	248.98	6.29	6.39	6.71	6.77	6.84
60	BANKING	195.28	200.75	209.30	212.86	-	5.35	5.47	5.75	5.83	-
602	Commercial and stock savings banks	192.36	197.98	206.02	209.39	-	5.27	5.38	5.66	5.69	-
61	CREDIT AGENCIES OTHER THAN BANKS	205.53	210.73	218.73	221.03	-	5.57	5.68	5.96	5.93	-
612	Savings and loan associations	191.46	193.98	198.55	201.10	-	5.26	5.30	5.59	5.54	-
614	Personal credit institutions	204.95	211.86	222.60	224.92	-	5.48	5.68	6.00	6.03	-
63	INSURANCE CARRIERS	262.92	266.70	282.68	285.67	-	7.03	7.15	7.64	7.73	-
631	Life insurance	280.12	284.26	291.24	293.46	-	7.45	7.56	7.85	7.91	-
632	Medical service and health insurance	243.65	247.03	269.35	270.44	-	6.48	6.57	7.26	7.27	-
633	Fire, marine, and casualty insurance	252.71	255.39	277.82	281.92	-	6.83	6.94	7.57	7.64	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry – Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		July 1981	Aug. 1981	June 1982	July 1982p	Aug. 1982p	July 1981	Aug. 1981	June 1982	July 1982p	Aug. 1982p
	WHOLESALE TRADE DURABLE GOODS – Continued										
505	Metals and minerals, except petroleum	39.5	39.6	38.8	38.8	-	-	-	-	-	-
506	Electrical goods	38.9	38.8	39.6	39.6	-	-	-	-	-	-
507	Hardware, plumbing, and heating equipment	38.8	39.1	38.8	38.7	-	-	-	-	-	-
508	Machinery, equipment, and supplies	39.5	39.5	39.3	39.4	-	-	-	-	-	-
509	Miscellaneous durable goods	37.7	38.7	37.5	37.5	-	-	-	-	-	-
51	WHOLESALE TRADE NONDURABLE GOODS										
511	Paper and paper products	38.4	38.0	38.0	38.2	-	-	-	-	-	-
512	Drugs, proprietaries, and sundries	37.0	37.0	37.4	37.4	-	-	-	-	-	-
513	Apparel, piece goods, and notions	37.7	37.2	37.3	37.6	-	-	-	-	-	-
514	Groceries and related products	36.8	37.2	36.3	36.2	-	-	-	-	-	-
516	Chemicals and allied products	38.8	38.2	38.2	38.6	-	-	-	-	-	-
517	Petroleum and petroleum products	38.8	38.7	38.7	39.0	-	-	-	-	-	-
518	Beer, wine, and distilled beverages	39.9	39.7	40.1	40.0	-	-	-	-	-	-
519	Miscellaneous nondurable goods	37.6	37.0	36.8	36.9	-	-	-	-	-	-
52-59	RETAIL TRADE	30.7	30.9	30.1	30.7	30.8	-	-	-	-	-
52	BUILDING MATERIALS AND GARDEN SUPPLIES										
521	Lumber and other building materials	37.5	37.5	36.5	37.2	-	-	-	-	-	-
525	Hardware stores	39.4	39.2	38.1	38.6	-	-	-	-	-	-
53	GENERAL MERCHANDISE STORES	34.6	34.7	34.4	35.2	-	-	-	-	-	-
531	Department stores	30.0	29.9	29.3	30.0	-	-	-	-	-	-
533	Variety stores	29.9	29.8	29.2	30.0	-	-	-	-	-	-
539	Miscellaneous merchandise stores	29.6	29.7	29.5	30.0	-	-	-	-	-	-
54	FOOD STORES	30.9	30.9	30.3	31.3	-	-	-	-	-	-
541	Grocery stores	32.0	31.8	31.3	31.8	-	-	-	-	-	-
546	Retail bakeries	32.2	32.0	31.5	32.0	-	-	-	-	-	-
55	AUTOMOTIVE DEALERS AND SERVICE STATIONS	29.2	29.7	29.2	29.6	-	-	-	-	-	-
551, 2	New and used car dealers	38.1	38.0	37.6	37.7	-	-	-	-	-	-
553	Auto and home supply stores	38.5	38.5	38.1	38.1	-	-	-	-	-	-
554	Gasoline service stations	41.0	40.8	40.4	40.6	-	-	-	-	-	-
56	APPAREL AND ACCESSORY STORES	36.3	36.2	35.2	35.9	-	-	-	-	-	-
561	Men's and boys' clothing and furnishings	29.5	29.6	28.5	29.1	-	-	-	-	-	-
562	Women's ready-to-wear stores	32.6	32.5	31.9	32.4	-	-	-	-	-	-
565	Family clothing stores	28.2	28.3	27.3	28.1	-	-	-	-	-	-
566	Shoe stores	29.1	29.3	28.7	29.5	-	-	-	-	-	-
57	FURNITURE AND HOME FURNISHINGS STORES	29.5	29.6	28.4	28.4	-	-	-	-	-	-
571	Furniture and home furnishings stores	35.4	35.2	34.4	34.7	-	-	-	-	-	-
572	Household appliance stores	35.2	35.0	34.1	34.4	-	-	-	-	-	-
573	Radio, television, and music stores	36.1	35.6	35.3	35.6	-	-	-	-	-	-
58	EATING AND DRINKING PLACES	35.3	35.5	34.5	34.9	-	-	-	-	-	-
59	MISCELLANEOUS RETAIL	27.0	27.3	26.4	27.0	-	-	-	-	-	-
591	Drug stores and proprietary stores	32.1	31.9	31.2	31.6	-	-	-	-	-	-
594	Miscellaneous shopping goods stores	30.1	29.9	29.2	29.9	-	-	-	-	-	-
596	Nonstore retailers	31.8	31.6	30.4	31.1	-	-	-	-	-	-
598	Fuel and ice dealers	33.6	33.6	33.3	33.1	-	-	-	-	-	-
599	Retail stores, nec	38.3	38.1	37.5	37.9	-	-	-	-	-	-
	FINANCE, INSURANCE, AND REAL ESTATE	33.2	32.6	33.2	33.2	-	-	-	-	-	-
60	BANKING	36.3	36.4	36.1	36.3	36.4	-	-	-	-	-
602	Commercial and stock savings banks	36.5	36.7	36.4	36.7	-	-	-	-	-	-
61	CREDIT AGENCIES OTHER THAN BANKS	36.5	36.8	36.4	36.8	-	-	-	-	-	-
612	Savings and loan associations	36.9	37.1	36.7	36.9	-	-	-	-	-	-
614	Personal credit institutions	36.4	36.6	36.1	36.3	-	-	-	-	-	-
63	INSURANCE CARRIERS	37.4	37.3	37.1	37.3	-	-	-	-	-	-
631	Life insurance	37.4	37.3	37.0	37.1	-	-	-	-	-	-
632	Medical service and health insurance	37.6	37.6	37.1	37.1	-	-	-	-	-	-
633	Fire, marine, and casualty insurance	37.6	37.6	37.1	37.2	-	-	-	-	-	-
		37.0	36.8	36.7	36.9	-	-	-	-	-	-

See footnotes at end of table

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry – Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		July 1981	Aug. 1981	June 1982	July 1982p	Aug. 1982p	July 1981	Aug. 1981	June 1982	July 1982p	Aug. 1982p
	SERVICES	$209.85	$210.89	$224.35	$227.07	$228.39	$6.38	$6.41	$6.84	$6.95	$6.99
	HOTELS AND OTHER LODGING PLACES										
701	Hotels, motels, and tourist courts[2]	150.55	151.05	152.30	153.50	-	4.81	4.75	5.01	4.92	-
	PERSONAL SERVICES										
721	Laundry, cleaning, and garment services	162.81	162.32	171.52	171.83	-	4.86	4.86	5.12	5.15	-
723	Beauty shops[3]	137.77	140.87	157.86	160.20	-	4.67	4.68	5.21	5.34	-
73	**BUSINESS SERVICES**										
731	Advertising	215.16	216.48	227.63	231.99	-	6.52	6.58	6.94	7.03	-
734	Services to buildings	308.16	319.97	327.96	335.73	-	8.78	9.09	9.11	9.33	-
737	Computer and data processing services	149.60	147.15	151.99	154.06	-	5.48	5.43	5.65	5.77	-
		297.75	304.94	310.85	317.58	-	7.94	8.11	8.47	8.59	-
75	**AUTO REPAIR, SERVICES, AND GARAGES**										
753	Automotive repair shops	249.74	250.64	253.26	258.51	-	6.47	6.51	6.70	6.68	-
		275.62	276.01	280.47	280.35	-	6.96	6.97	7.21	7.17	-
76	**MISCELLANEOUS REPAIR SERVICES**	305.63	302.22	308.41	312.80	-	7.66	7.69	7.99	8.03	-
78	**MOTION PICTURES**										
781	Motion picture production and services	201.37	205.34	224.09	233.45	-	7.08	7.36	8.09	8.22	-
		412.72	419.10	457.93	481.50	-	10.72	11.00	12.31	12.91	-
79	**AMUSEMENT AND RECREATION SERVICES**	181.64	185.15	184.20	187.84	-	5.73	5.75	6.00	5.87	-
80	**HEALTH SERVICES**										
801	Offices of physicians	211.46	211.86	228.39	234.13	-	6.35	6.42	6.90	7.01	-
802	Offices of dentists	208.98	211.88	218.05	217.92	-	6.47	6.58	6.73	6.71	-
805	Nursing and personal care facilities	180.24	183.74	188.94	192.16	-	6.28	6.38	6.70	6.79	-
806	Hospitals	143.78	142.87	151.83	156.49	-	4.55	4.55	4.82	4.95	-
		237.35	237.01	256.97	265.18	-	6.84	6.91	7.47	7.62	-
81	**LEGAL SERVICES**	276.58	284.20	296.87	303.63	-	8.04	8.31	8.58	8.75	-
89	**MISCELLANEOUS SERVICES**										
891	Engineering and architectural services	355.30	363.47	395.37	397.56	-	9.35	9.58	10.19	10.32	-
893	Accounting, auditing, and bookkeeping	387.44	396.47	429.66	430.85	-	9.96	10.18	10.85	10.83	-
		298.88	305.25	319.41	327.28	-	7.97	8.25	8.45	8.59	-

[1] For coverage of series, see footnote 1, table B-2.
[2] Beginning January 1978, data relate to line haul railroads with operating revenues of $50,000,000 or more.
[3] Data relate to employees in such occupations in the telephone industry as switchboard operators; service assistants; operating room instructors; and pay-station attendants. In 1977, such employees made up 20 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.
[4] Data relate to employees in such occupations in the telphone industry as central office craft persons; installation and exchange repair craft persons; line, cable and conduit craft persons; and laborers. In 1977, such employees made up 37 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.
[5] Money payments only; tips, not included.
[6] Data for nonoffice sales agents excluded from all series in this division.
- Data not available.
p = preliminary.

NOTE: Data from April 1981 forward are subject to revision when more recent benchmark data are introduced. See "Benchmark adjustment" in the Explanatory Notes of this publication.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry – Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		July 1981	Aug. 1981	June 1982	July 1982P	Aug. 1982P	July 1981	Aug. 1981	June 1982	July 1982P	Aug. 1982P
	SERVICES	33.1	32.9	32.8	33.1	33.1	-	-	-	-	-
	HOTELS AND OTHER LODGING PLACES										
701	Hotels, motels, and tourist courts	31.3	31.8	30.4	31.2	-	-	-	-	-	-
	PERSONAL SERVICES										
721	Laundry, cleaning, and garment services	33.5	33.4	33.5	33.3	-	-	-	-	-	-
723	Beauty shops	29.5	30.1	30.3	30.0	-	-	-	-	-	-
73	**BUSINESS SERVICES**	33.0	32.9	32.8	33.0	-	-	-	-	-	-
731	Advertising	35.1	35.2	36.0	36.1	-	-	-	-	-	-
734	Services to buildings	27.3	27.1	26.9	26.7	-	-	-	-	-	-
737	Computer and data processing services	37.5	37.6	36.7	37.1	-	-	-	-	-	-
75	**AUTO REPAIR, SERVICES, AND GARAGES**	38.6	38.5	37.8	38.1	-	-	-	-	-	-
753	Automotive repair shops	39.6	39.6	38.9	39.1	-	-	-	-	-	-
76	**MISCELLANEOUS REPAIR SERVICES**	39.9	39.3	38.6	39.1	-	-	-	-	-	-
78	**MOTION PICTURES**	28.4	27.9	27.7	28.4	-	-	-	-	-	-
781	Motion picture production and services	36.5	38.1	37.2	37.3	-	-	-	-	-	-
79	**AMUSEMENT AND RECREATION SERVICES**	31.7	32.2	30.7	32.0	-	-	-	-	-	-
80	**HEALTH SERVICES**	33.3	33.0	33.1	33.4	-	-	-	-	-	-
801	Offices of physicians	32.3	32.2	32.4	32.0	-	-	-	-	-	-
802	Offices of dentists	28.7	28.8	28.2	28.3	-	-	-	-	-	-
805	Nursing and personal care facilities	31.6	31.4	31.5	32.2	-	-	-	-	-	-
806	Hospitals	34.7	34.3	34.4	34.8	-	-	-	-	-	-
81	**LEGAL SERVICES**	34.4	34.2	34.6	34.7	-	-	-	-	-	-
89	**MISCELLANEOUS SERVICES**	38.0	38.1	38.8	38.9	-	-	-	-	-	-
891	Engineering and architectural services	38.9	39.1	39.6	39.6	-	-	-	-	-	-
893	Accounting, auditing, and bookkeeping	37.5	37.0	37.8	38.1	-	-	-	-	-	-

C-3. Average hourly earnings excluding overtime of production workers on manufacturing payrolls by industry

Major industry group	Average hourly earnings excluding overtime[1]				
	July 1981	Aug. 1981	June 1982	July 1982P	Aug. 1982P
MANUFACTURING	$7.75	$7.74	$8.25	$8.31	$8.25
DURABLE GOODS					
Lumber and wood products	8.28	8.29	8.81	8.87	8.84
Furniture and fixtures	6.91	6.88	7.35	7.39	-
Stone, clay, and glass products	5.79	5.84	6.18	6.22	-
Primary metal industries	8.00	8.02	8.48	8.54	-
Fabricated metal products	10.39	10.58	11.02	11.08	-
Machinery, except electrical	7.94	7.97	8.59	8.63	-
Electric and electronic equipment	8.51	8.50	9.02	9.09	-
Transportation equipment	7.45	7.51	7.91	8.00	-
Instruments and related products	10.02	9.97	10.78	10.86	-
Miscellaneous manufacturing industries	7.24	7.35	8.06	8.15	-
NONDURABLE GOODS	5.85	5.81	6.28	6.29	-
Food and kindred products	6.97	6.96	7.46	7.52	7.47
Tobacco manufactures	7.12	7.12	7.58	7.51	-
Textile mill products	9.21	9.44	10.14	10.13	-
Apparel and other textile products	5.30	5.43	5.64	5.67	-
Paper and allied products	4.85	4.88	5.10	5.11	-
Printing and publishing	8.28	8.23	8.86	8.97	-
Chemicals and allied products	7.95	7.97	8.44	8.48	-
Petroleum and coal products	8.82	8.83	9.62	9.69	-
Rubber and misc. plastics products	10.95	10.85	11.98	11.85	-
Leather and leather products	6.92	6.96	7.39	7.43	-
	4.88	4.88	5.24	5.22	-

[1] Derived by assuming that overtime hours are paid at the rate of time and one-half.

P preliminary

C-4. Gross average weekly earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division, in current and constant (1977) dollars

Industry	July 1981	Aug. 1981	June 1982	July 1982P	Aug. 1982P
TOTAL PRIVATE:					
Current dollars	$257.74	$259.88	$267.40	$269.98	$271.46
Constant (1977) dollars	170.35	170.64	167.33	167.90	-
MINING:					
Current dollars	439.92	447.30	463.10	465.86	$458.81
Constant (1977) dollars	290.76	293.70	289.80	289.71	-
CONSTRUCTION:					
Current dollars	407.86	408.41	427.88	435.29	$437.70
Constant (1977) dollars	269.57	268.16	267.76	273.19	-
MANUFACTURING:					
Current dollars	317.59	320.40	334.05	333.45	$331.69
Constant (1977) dollars	209.91	210.37	209.04	207.37	-
TRANSPORTATION AND PUBLIC UTILITIES:					
Current dollars	383.90	389.87	399.84	404.24	$410.15
Constant (1977) dollars	253.73	255.99	250.21	251.39	-
WHOLESALE AND RETAIL TRADE:					
Current dollars	193.85	194.83	199.02	202.12	$203.07
Constant (1977) dollars	128.12	127.93	124.56	125.70	-
FINANCE, INSURANCE, AND REAL ESTATE:					
Current dollars	227.96	232.23	242.23	245.75	$248.98
Constant (1977) dollars	150.67	152.48	151.58	152.83	-
SERVICES:					
Current dollars	209.85	210.89	224.35	227.07	$228.39
Constant (1977) dollars	138.70	138.47	140.39	141.21	-

[1] For coverage of series, see footnote 1, table B-2.

P preliminary.

C-5. Indexes of aggregate weekly hours and payrolls of production or nonsupervisory workers' on private nonagricultural payrolls by industry division and major manufacturing group

(1977=100)

Industry division and group	July 1981	Aug. 1981	June 1982	July 1982P	Aug. 1982P
	Hours				
TOTAL PRIVATE	110.1	110.4	106.9	106.8	106.9
GOODS PRODUCING	102.6	103.7	93.6	91.9	92.3
MINING	141.6	145.6	130.9	128.1	125.3
CONSTRUCTION	118.8	118.4	107.6	111.4	110.9
MANUFACTURING	97.6	98.9	89.2	86.8	87.2
DURABLE GOODS	97.8	99.0	87.5	84.1	85.5
	91.8	91.7	82.7	81.6	82.5
	98.6	99.2	88.1	83.9	89.3
	93.8	94.5	83.3	82.5	84.1
	91.8	91.8	70.9	67.8	66.3
	95.4	96.7	84.8	81.3	81.5
	108.4	108.7	98.7	89.8	87.6
	104.3	105.5	98.0	98.8	93.9
	89.7	85.8	82.9	80.2	75.0
	112.4	110.0	108.3	109.8	108.9
	89.2	92.8	84.3	80.6	85.4
NONDURABLE GOODS	97.4	100.3	91.6	89.6	92.6
	100.0	105.9	94.4	99.1	103.2
	89.3	139.5	88.8	80.8	98.5
	87.8	89.7	75.8	72.4	71.6
	92.7	96.9	88.4	81.2	87.1
	99.4	103.2	93.5	92.2	92.0
	105.6	106.8	105.0	104.1	104.4
	102.2	101.5	96.0	94.0	93.9
	108.3	105.8	98.0	98.5	100.7
	99.3	102.2	95.1	90.9	92.2
	87.4	92.8	82.6	72.2	78.9
SERVICE PRODUCING	114.4	114.1	113.4	113.4	113.3
TRANSPORTATION AND PUBLIC UTILITIES	106.7	105.9	103.6	102.6	102.6
WHOLESALE AND RETAIL TRADE	108.6	108.9	106.9	106.0	107.9
WHOLESALE TRADE	113.2	113.0	110.7	110.5	110.1
RETAIL TRADE	106.9	107.4	105.5	103.8	107.0
FINANCE, INSURANCE AND REAL ESTATE	119.5	119.6	118.5	119.3	119.6
SERVICES	122.4	121.7	123.2	124.9	124.6

C-5. Indexes of aggregate weekly hours and payrolls of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division and major manufacturing group—Continued

(1977=100)

Industry division and group	July 1981	Aug. 1981	June 1982	July 1982P	Aug. 1982P
	Payrolls				
TOTAL PRIVATE	151.9	153.6	154.8	155.4	155.0
GOODS PRODUCING	145.1	147.1	140.3	139.1	139.1
MINING	205.9	212.4	203.9	201.3	199.2
CONSTRUCTION	158.2	159.5	151.6	150.5	150.9
MANUFACTURING	138.0	139.9	133.5	130.2	130.6
DURABLE GOODS	138.2	138.8	130.8	126.7	125.2
Lumber and wood products	128.8	128.3	123.3	122.2	123.3
Furniture and fixtures	128.8	135.5	127.9	127.4	128.4
Stone, clay, and glass products	135.5	136.9	126.9	126.8	129.0
Primary metal industries	133.7	136.3	108.4	104.2	102.6
Fabricated metal products	132.6	135.3	126.8	121.8	122.5
Machinery, except electrical	153.0	153.7	140.2	133.7	130.7
Electric and electronic equipment	148.0	151.2	147.2	144.8	144.2
Transportation equipment	128.6	122.2	127.5	124.0	125.4
Instruments and related products	157.8	162.6	168.3	168.8	165.7
Miscellaneous manufacturing industries	122.2	126.8	123.9	118.1	124.7
NONDURABLE GOODS	137.6	141.9	138.2	136.2	141.0
Food and kindred products	138.6	147.4	138.8	145.2	152.1
Tobacco manufactures	152.5	171.8	158.4	149.7	147.4
Textile mill products	121.3	127.2	110.2	105.6	109.9
Apparel and other textile products	125.9	132.6	126.4	115.9	125.3
Paper and allied products	145.6	145.7	145.6	145.3	145.5
Printing and publishing	141.5	143.9	148.5	148.2	148.3
Chemicals and allied products	145.5	145.0	148.5	146.3	145.2
Petroleum and coal products	156.2	153.0	156.9	156.1	159.2
Rubber and misc. plastics products	137.8	142.8	140.6	134.9	138.1
Leather and leather products	120.3	127.9	122.7	106.3	117.8
SERVICE PRODUCING	156.7	158.2	165.1	167.0	167.8
TRANSPORTATION AND PUBLIC UTILITIES	147.6	149.6	151.3	150.6	150.9
WHOLESALE AND RETAIL TRADE	150.1	151.3	156.9	156.6	156.6
WHOLESALE TRADE	159.0	161.8	164.4	165.3	165.2
RETAIL TRADE	145.4	146.4	149.9	152.0	152.0
FINANCE, INSURANCE, AND REAL ESTATE	165.3	168.0	175.2	177.8	180.2
SERVICES	166.6	167.8	181.1	184.3	185.0

C-6. Average weekly hours of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division and major manufacturing group, seasonally adjusted

Industry	1981					1982							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July p	Aug. p
TOTAL PRIVATE	35.2	35.2	35.1	35.1	35.0	34.9	35.0	34.9	34.9	35.0	34.9	34.9	34.9
MINING	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
CONSTRUCTION	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
MANUFACTURING	39.9	39.4	39.5	39.3	39.1	37.6	39.4	39.8	39.0	39.1	39.2	39.3	39.0
Overtime hours	3.0	2.7	2.7	2.5	2.4	2.3	2.4	2.3	2.4	2.3	2.4	2.4	2.4
DURABLE GOODS	40.4	39.7	40.0	39.7	39.5	38.2	39.8	39.5	39.5	39.6	39.7	39.7	39.5
Overtime hours	3.0	2.7	2.6	2.4	2.3	2.2	2.2	2.2	2.2	2.2	2.3	2.2	2.3
Lumber and wood products	38.4	37.6	37.8	37.7	37.7	35.0	37.9	37.6	37.6	38.5	38.7	37.4	38.0
Furniture and fixtures	38.4	37.4	38.0	37.6	37.9	33.6	37.7	37.3	37.4	37.5	37.8	37.8	37.6
Stone, clay, and glass products	40.7	40.3	40.1	40.1	39.7	38.6	40.1	40.0	40.0	40.2	40.4	41.6	41.4
Primary metal industries	40.8	40.6	40.0	39.6	39.2	38.3	39.4	38.8	38.5	38.5	38.9	38.9	39.2
Fabricated metal products	40.4	39.6	40.0	39.7	39.5	38.1	39.7	39.5	39.4	39.5	39.4	39.5	39.2
Machinery, except electrical	41.1	40.3	40.8	40.7	40.4	39.3	40.7	40.2	40.1	39.8	39.5	39.9	39.6
Electric and electronic equipment	40.3	39.7	39.8	39.4	39.5	38.3	39.8	39.4	39.3	39.4	39.5	39.8	39.4
Transportation equipment	41.2	40.1	40.6	40.4	39.7	39.0	40.5	40.4	41.1	41.1	41.5	41.3	40.9
Instruments and related products	40.6	40.4	40.3	40.2	39.9	39.0	39.9	39.9	39.9	40.2	40.2	40.1	40.0
Miscellaneous manufacturing ind.	38.9	38.4	38.9	39.0	38.5	37.3	38.6	38.6	38.5	38.7	38.8	38.7	38.6
NONDURABLE GOODS	39.2	38.9	38.9	38.7	38.6	36.8	38.9	38.5	38.4	38.5	38.6	38.7	38.4
Overtime hours	2.9	2.8	2.8	2.7	2.6	2.5	2.6	2.5	2.6	2.5	2.5	2.5	2.4
Food and kindred products	39.4	39.3	39.5	39.5	39.8	39.1	40.2	39.5	39.4	39.4	39.5	39.9	39.8
Tobacco manufactures	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Textile mill products	39.8	38.8	39.0	38.7	37.8	32.3	38.3	37.6	37.7	37.9	37.9	37.8	37.8
Apparel and other textile products	35.3	35.2	35.5	35.5	35.1	31.4	35.5	35.0	34.7	34.8	35.1	35.2	35.1
Paper and allied products	42.5	43.0	42.4	42.0	41.8	41.3	42.3	41.8	42.1	41.8	42.0	42.1	41.8
Printing and publishing	37.3	37.1	37.1	37.1	37.1	36.9	37.4	37.1	37.1	36.8	37.1	37.3	36.7
Chemicals and allied products	41.7	42.2	41.5	41.2	41.3	41.0	41.2	40.7	40.7	41.0	41.0	41.3	41.1
Petroleum and coal products	42.9	43.1	42.2	42.5	42.7	44.3	43.5	43.5	44.0	44.1	44.1	43.6	43.9
Rubber and misc. plastics products	40.5	39.7	39.9	39.6	39.4	37.9	40.0	39.6	39.8	39.9	40.1	40.1	39.6
Leather and leather products	36.7	36.2	36.7	36.5	36.1	34.1	35.6	35.8	35.6	35.6	35.7	35.9	35.7
TRANSPORTATION AND PUBLIC UTILITIES	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
WHOLESALE AND RETAIL TRADE	32.2	32.1	32.0	32.1	32.0	31.7	32.0	31.9	31.8	32.0	31.9	31.9	31.8
WHOLESALE TRADE	38.6	38.5	38.4	38.5	38.4	38.1	38.5	38.4	38.3	38.5	38.4	38.5	38.4
RETAIL TRADE	30.1	30.1	29.9	30.0	29.9	29.7	29.9	29.8	29.8	30.0	29.8	29.9	29.8
FINANCE, INSURANCE, AND REAL ESTATE	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
SERVICES	32.5	32.5	32.6	32.6	32.6	32.5	32.6	32.6	32.7	32.7	32.7	32.6	32.7

[1] For coverage of series, see footnote 1, table B-2.

[2] This series is not published seasonally adjusted since the seasonal component is small relative to the trend-cycle and/or irregular components and consequently cannot be separated with sufficient precision.

ESTABLISHMENT DATA
SEASONALLY ADJUSTED

C-7. Indexes of aggregate weekly hours of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division and major manufacturing group, seasonally adjusted

(1977=100)

Industry division and group	1981					1982							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July[p]	Aug.[p]
TOTAL PRIVATE	108.5	107.8	107.7	107.3	106.3	104.3	106.2	105.6	105.2	105.7	104.4	105.3	104.5
GOODS PRODUCING	102.0	99.8	99.7	98.4	96.3	91.4	95.6	93.9	93.0	93.3	91.9	91.8	90.5
MINING	142.9	142.7	143.9	145.0	145.5	141.6	143.7	142.6	138.4	133.6	128.2	126.8	122.9
CONSTRUCTION	107.4	107.4	106.1	106.9	106.2	96.8	102.9	101.1	100.9	104.5	101.0	103.2	100.9
MANUFACTURING	99.0	97.3	96.4	94.6	92.5	88.0	91.9	90.3	89.3	89.2	88.3	87.2	87.0
DURABLE GOODS	99.6	97.4	96.4	94.0	91.4	87.3	90.6	89.1	87.8	87.8	86.7	86.5	86.8
Lumber and wood products	87.3	84.1	81.8	79.2	77.2	70.9	77.5	76.1	77.6	79.5	79.3	79.8	79.6
Furniture and fixtures	96.7	95.6	95.9	93.1	92.6	90.9	90.0	88.3	87.8	88.1	88.6	88.8	88.5
Stone, clay, and glass products	91.8	90.1	88.2	86.6	83.9	79.3	82.4	81.1	80.2	81.1	80.8	81.2	81.6
Primary metal industries	93.4	92.3	88.6	85.4	81.9	78.5	79.7	77.1	73.6	71.0	70.1	69.0	67.9
Fabricated metal products	97.8	95.4	94.2	91.6	89.3	85.1	88.1	87.0	85.8	85.5	84.3	83.1	82.8
Machinery, except electrical	111.9	109.6	110.4	108.7	106.2	101.6	104.4	101.5	99.2	98.0	94.8	93.6	93.7
Electric and electronic equipment	107.6	105.7	104.9	101.5	99.6	97.2	100.4	98.6	97.8	98.0	97.7	97.7	96.5
Transportation equipment	91.6	88.2	87.6	85.4	80.7	78.3	81.8	81.7	81.4	82.3	82.6	83.4	79.7
Instruments and related products	114.7	114.1	113.0	111.7	110.6	107.3	109.3	108.5	107.4	108.5	107.3	106.9	105.6
Miscellaneous manufacturing ind.	91.4	90.5	91.1	91.0	89.3	84.8	86.8	86.2	84.2	84.4	83.6	84.4	83.1
NONDURABLE GOODS	98.1	97.2	96.5	95.4	94.1	89.0	93.8	92.0	91.5	91.4	91.0	91.7	91.7
Food and kindred products	96.7	96.3	97.2	97.3	97.7	95.6	98.9	96.8	95.5	96.2	95.8	97.4	95.1
Tobacco manufactures	104.8	98.3	98.1	94.6	92.1	93.6	94.6	93.6	89.6	88.7	91.5	91.2	93.8
Textile mill products	89.3	87.0	85.8	83.9	80.7	67.7	79.9	76.5	78.0	77.0	74.8	74.3	74.3
Apparel and other textile products	95.3	93.4	93.3	92.7	90.5	75.6	90.0	87.7	85.3	85.3	85.8	83.3	85.8
Paper and allied products	99.5	101.6	98.3	96.6	95.2	93.7	95.4	93.9	94.0	92.8	92.5	92.9	91.6
Printing and publishing	107.0	106.7	106.8	106.5	106.5	105.8	107.2	106.7	106.2	105.5	105.9	105.3	104.5
Chemicals and allied products	102.2	103.2	100.9	99.5	98.9	97.6	97.6	96.4	95.3	95.7	94.9	94.2	94.0
Petroleum and coal products	102.5	102.9	100.1	100.0	99.7	98.7	96.1	96.1	96.5	96.7	95.9	94.2	97.0
Rubber and misc. plastics products	103.6	100.6	99.0	96.3	94.3	90.0	94.0	92.3	94.0	94.6	94.3	94.7	91.2
Leather and leather products	91.0	89.3	90.1	88.3	85.1	79.1	79.5	79.5	79.5	78.1	78.8	75.7	77.0
SERVICE PRODUCING	112.1	112.2	112.1	112.2	111.8	111.4	112.1	112.0	111.9	112.5	112.1	112.2	112.2
TRANSPORTATION AND PUBLIC UTILITIES	105.2	105.2	104.2	104.8	103.6	102.8	103.7	103.3	102.8	102.6	102.2	101.9	101.8
WHOLESALE AND RETAIL TRADE	106.9	106.8	106.2	106.3	105.4	105.2	106.3	105.9	105.5	106.5	105.8	106.1	105.7
WHOLESALE TRADE	112.4	112.0	111.6	111.8	111.0	109.7	110.7	110.2	109.5	110.3	110.0	110.3	109.4
RETAIL TRADE	104.8	104.9	104.1	104.3	103.3	103.4	104.6	104.2	103.8	105.1	104.2	104.7	104.3
FINANCE, INSURANCE, AND REAL ESTATE	117.9	117.4	117.6	117.4	117.4	116.9	116.8	117.1	117.0	117.9	117.4	117.6	117.8
SERVICES	119.3	119.6	120.4	120.6	120.8	120.3	120.9	121.1	121.5	121.8	121.3	121.8	122.0

[1] For coverage of series, see footnote 1, table B-2.

[p] = preliminary

C-8. Hourly Earnings Index and average hourly and weekly earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls, seasonally adjusted

Industry	1981					1982							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July[p]	Aug.[p]
	Hourly Earnings Index[2] (1977=100)												
TOTAL PRIVATE (In current dollars)	140.5	141.4	142.0	143.0	143.5	144.9	145.0	145.4	146.3	147.7	148.1	148.9	149.7
MINING[3]	149.5	151.7	151.4	153.4	153.4	156.2	156.0	156.0	156.5	156.8	159.6	161.5	162.3
CONSTRUCTION	132.8	133.5	134.7	135.7	136.6	139.9	137.9	138.1	138.7	139.9	139.7	140.5	140.7
MANUFACTURING	143.5	144.7	145.4	146.4	146.9	148.9	149.1	149.9	150.8	151.8	152.5	153.3	154.3
TRANSPORTATION AND PUBLIC UTILITIES	141.6	141.5	142.3	143.5	144.3	145.5	146.0	146.3	146.9	148.2	149.1	148.3	149.3
WHOLESALE AND RETAIL TRADE	139.7	141.0	140.5	141.3	141.7	142.1	142.5	142.8	143.7	145.1	145.2	145.4	145.3
FINANCE, INSURANCE, AND REAL ESTATE	140.1	140.4	141.4	142.6	142.0	143.1	143.3	143.8	144.9	146.0	147.2	148.5	150.3
SERVICES	139.2	139.7	140.9	142.2	142.6	143.4	143.7	143.9	145.1	146.5	147.3	148.5	149.7
TOTAL PRIVATE (In 1977 dollars)[4]	92.5	92.1	92.1	92.3	92.3	92.9[r]	92.8	93.3	93.7	93.7	93.1	92.9	-
	Average hourly earnings												
TOTAL PRIVATE	$7.34	$7.37	$7.40	$7.45	$7.46	$7.52	$7.53	$7.54	$7.59	$7.65	$7.67	$7.70	$7.73
MINING	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
CONSTRUCTION	10.90	10.95	11.06	11.14	11.22	11.52	11.34	11.39	11.43	11.54	11.51	11.55	11.53
MANUFACTURING	8.09	8.14	8.16	8.20	8.20	8.38	8.34	8.37	8.40	8.48	8.52	8.56	8.59
TRANSPORTATION AND PUBLIC UTILITIES	9.84	9.86	9.89	9.97	10.02	10.09	10.13	10.15	10.18	10.24	10.30	10.27	10.33
WHOLESALE AND RETAIL TRADE	5.98	6.03	6.03	6.06	6.08	6.09	6.10	6.12	6.16	6.20	6.22	6.22	6.25
FINANCE, INSURANCE, AND REAL ESTATE	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
SERVICES	6.51	6.54	6.58	6.63	6.65	6.71	6.72	6.72	6.80	6.85	6.90	6.95	7.03
	Average weekly earnings												
TOTAL PRIVATE:													
Current dollars	258.37	257.95	259.74	261.50	261.10	258.69	263.55	263.15	264.89	267.75	267.68	268.73	269.73
1977 dollars[4]	170.09	168.05	168.44	168.82	167.91	165.93	168.62	168.90	169.69	169.89	168.14	167.75	-

[1] For coverage of series, see footnote 1, table B-2.

[2] The index excludes effects of two types of changes that are unrelated to underlying wage rate developments. Fluctuations in overtime premiums in manufacturing (the only sector for which overtime data are available) and the effects of changes in the proportion of workers in high-wage and low-wage industries.

[3] The unadjusted data are shown because the seasonal component is small relative to the trend-cycle and/or irregular components and consequently cannot be separated with sufficient precision.

[4] The deflator for these series is derived from the Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W).

[5] See footnote 2, table C-6.

[r] = preliminary.

C-9. Hours of wage and salary workers[1] in nonagricultural establishments by industry division

Industry division	Millions of hours (Annual rate)[2]			Percent change		
	June 1982[r]	July 1982[r]	August 1982[p]	Aug. 1981 to Aug. 1982	June 1982 to July 1982	July 1982 to Aug. 1982
TOTAL	166,516	166,542	166,119	-2.8	0.0	-0.3
PRIVATE SECTOR	135,782	135,989	135,601	-3.0	0.2	-0.3
MINING	2,507	2,475	2,387	-11.9	-1.3	-3.6
CONSTRUCTION	7,494	7,582	7,493	-5.2	1.2	-1.2
MANUFACTURING	38,792	38,682	38,380	-9.2	-0.3	-0.8
DURABLE GOODS	23,161	23,088	22,905	-11.2	-0.3	-1.2
NONDURABLE GOODS	15,630	15,593	15,575	-6.0	-0.2	-0.1
TRANSPORTATION AND PUBLIC UTILITIES	10,342	10,306	10,270	-2.7	-0.4	-0.3
WHOLESALE AND RETAIL TRADE	34,317	34,474	34,458	-0.9	0.5	0.0
FINANCE, INSURANCE, AND REAL ESTATE	10,092	10,104	10,165	1.1	0.1	0.6
SERVICES	32,238	32,367	32,447	2.7	0.4	0.2
GOVERNMENT	30,734	30,554	30,518	-2.0	-0.6	-0.1

[1] Data refer to hours of all employees—production workers, nonsupervisory workers and salaried workers—and are based largely on establishment data. See *BLS Handbook of Methods for Surveys and Studies*, BLS Bulletin 1910—Chapter 30, Productivity Measures: Private Economy and Major Sectors.

[2] "Annual rate" refers to total hours paid for 1 week in the month, expressed as a seasonally adjusted annual equivalent.

PRODUCTIVITY
SEASONALLY ADJUSTED

C-10. Indexes of output and compensation per hour, unit costs, and prices, private business sector, seasonally adjusted

(1977 = 100)

Item	Annual average		Quarterly indexes										
			1979	1980				1981				1982	
	1980	1981	IV	I	II	III	IV	I	II	III	IV	I	II
BUSINESS SECTOR:													
Output per hour of all persons	98.9	100.7	99.1	99.3	98.2	98.9	99.3	100.7	100.7	101.0	100.2	r100.0	r101.3
Output	106.2	108.9	107.9	107.9	104.7	105.3	107.0	109.1	109.1	109.6	107.8	106.3	r106.4
Hours	107.4	108.2	108.8	108.7	106.6	106.5	107.7	108.3	108.3	108.5	107.5	r106.3	r106.1
Compensation per hour	131.4	144.1	123.0	126.7	130.0	133.1	136.1	140.0	142.5	145.6	148.2	r150.9	r153.0
Real compensation per hour	96.7	96.0	97.8	97.0	96.4	96.9	96.2	96.2	96.4	96.7	95.6	r96.5	r97.1
Unit labor costs	132.9	143.1	124.1	127.6	132.3	134.7	137.0	139.0	141.5	144.2	147.9	r150.9	r153.0
Unit nonlabor payments	119.3	135.2	113.2	116.0	116.2	120.6	124.6	131.8	133.4	137.4	138.3	r136.4	r137.3
Implicit price deflator	128.3	140.4	120.4	123.7	126.9	129.9	132.8	136.5	138.8	141.9	144.6	146.0	r147.7
NONFARM BUSINESS SECTOR:													
Output per hour of all persons	98.5	99.9	98.8	98.7	97.6	98.4	99.2	100.4	100.0	100.0	99.1	r99.2	r99.3
Output	106.3	108.6	108.0	107.9	104.6	105.3	107.3	109.2	109.0	109.1	107.1	106.0	r106.0
Hours	108.0	108.7	109.2	109.3	107.2	107.0	108.2	108.8	109.0	109.1	108.1	r106.8	r106.7
Compensation per hour	130.9	143.6	122.7	126.2	129.3	132.6	135.7	139.5	142.0	145.1	147.7	r150.4	r152.6
Real compensation per hour	96.3	95.7	97.6	96.6	96.0	96.5	95.9	96.0	96.0	95.4	95.3	r96.3	r96.6
Unit labor costs	133.0	143.8	124.1	127.8	132.5	134.7	136.8	139.0	141.8	145.1	149.0	r151.6	r153.7
Unit nonlabor payments	119.1	134.8	111.3	115.2	116.7	120.3	124.4	131.5	132.8	136.7	138.4	r136.7	r137.4
Implicit price deflator	128.3	140.8	119.8	123.6	127.2	129.9	132.7	136.5	138.9	142.3	145.5	146.6	r148.2
MANUFACTURING:													
Output per hour of all persons	101.7	104.5	101.9	102.6	100.4	100.3	103.6	105.2	105.0	105.0	102.8	102.1	r102.2
Output	103.6	105.9	107.9	107.8	101.6	99.9	105.0	106.7	107.5	107.4	102.0	98.2	r96.8
Hours	101.8	101.3	105.9	105.1	101.1	99.6	101.3	101.5	102.4	102.3	99.2	96.2	94.8
Compensation per hour	132.8	146.4	122.6	127.1	130.9	135.2	138.4	142.6	144.9	147.3	150.7	154.7	r157.6
Real compensation per hour	97.7	97.5	97.4	97.3	97.1	98.5	97.8	98.0	97.9	96.8	97.2	99.0	99.7
Unit labor costs	130.6	140.0	120.3	123.9	130.3	134.9	133.6	135.5	138.0	140.3	146.6	151.5	r154.3
DURABLE GOODS													
Output per hour of all persons	100.3	103.4	100.7	101.2	99.2	98.3	102.2	104.2	104.0	103.7	101.5	r100.3	100.4
Output	103.5	106.1	109.3	108.9	101.4	98.8	104.9	107.0	108.2	107.8	101.6	96.8	r95.1
Hours	103.2	102.6	108.5	107.6	102.2	100.4	102.7	102.7	104.0	103.9	100.0	96.5	94.8
Compensation per hour	132.6	146.5	121.6	126.6	130.4	135.0	138.5	142.7	144.7	147.2	151.0	154.8	157.7
Real compensation per hour	97.5	97.6	96.6	96.9	96.8	98.3	97.9	98.2	97.9	96.7	97.4	99.1	99.8
Unit labor costs	132.2	141.6	120.7	125.1	131.4	137.3	135.6	137.0	139.2	142.0	148.7	r154.3	157.0
NONDURABLE GOODS													
Output per hour of all persons	104.0	106.2	103.7	104.7	102.3	103.2	105.8	106.7	106.5	107.0	104.6	104.9	r104.8
Output	103.7	105.6	105.8	106.2	101.8	101.5	105.1	106.4	106.5	106.9	102.6	100.4	r99.3
Hours	99.7	99.4	102.0	101.5	r99.5	98.4	99.3	99.7	99.9	99.8	98.1	95.7	r94.8
Compensation per hour	132.8	145.6	123.6	127.2	131.3	135.4	137.6	141.8	144.4	146.7	149.6	154.3	r157.6
Real compensation per hour	97.7	97.0	98.3	97.3	97.4	98.6	97.2	97.5	97.7	96.5	96.5	98.8	r99.7
Unit labor costs	127.7	137.1	119.1	121.5	128.4	131.2	130.1	132.9	135.6	137.1	143.1	147.2	r150.4
NONFINANCIAL CORPORATIONS:													
Output per all-employee hour	100.8	102.7	100.6	100.8	r99.8	r101.1	101.7	r102.8	r102.7	r102.8	r102.2	r102.3	p102.9
Output	108.1	110.7	109.9	109.8	106.5	107.1	109.0	111.0	111.1	111.5	109.4	107.9	p107.6
Hours	107.2	107.9	r109.3	109.0	106.6	105.9	r107.2	r107.9	r108.1	r108.5	107.0	r105.4	p104.6
Compensation per hour	131.6	144.4	123.1	126.8	130.0	133.4	r136.3	r140.4	r142.7	r145.7	r148.6	r151.7	p154.1
Real compensation per hour	96.8	96.2	97.9	r97.0	r96.4	r97.1	r96.3	r96.5	r96.5	95.8	95.9	r97.1	p97.5
Total unit costs	131.0	143.4	121.4	125.0	130.4	132.9	135.8	138.3	141.7	144.7	149.1	151.8	p154.0
Unit labor costs	130.5	140.6	122.4	125.8	130.2	131.9	134.1	136.5	138.9	141.7	145.4	148.3	p149.7
Unit nonlabor costs	132.5	151.4	118.7	122.7	131.0	135.7	140.7	143.4	149.6	153.1	159.6	161.8	p166.2
Unit profits	87.9	101.6	84.1	91.1	81.9	87.8	90.5	104.7	98.8	105.2	97.6	86.1	p82.4
Implicit price deflator	126.1	138.6	117.1	121.1	124.8	127.7	130.6	134.5	136.8	140.2	143.2	144.3	p145.8

p=preliminary.
r=revised.

PRODUCTIVITY
SEASONALLY ADJUSTED

C-11. Percent changes from preceding quarter and year in productivity, hourly compensation, unit costs, and prices, private business sector, seasonally adjusted at annual rate

Item	Quarterly percent change						Annual percent change					
	1980 IV to 1981 I	1981 I to 1981 II	1981 II to 1981 III	1981 III to 1981 IV	1981 IV to 1982 I	1982 I to 1982 II	1980 I to 1981 I	1980 II to 1981 II	1980 III to 1981 III	1980 IV to 1981 IV	1981 I to 1982 I	1981 II to 1982 II
BUSINESS SECTOR:												
Output per hour of all persons	5.6	0.0	1.1	-2.9	r-1.0	r1.2	1.4	2.5	2.2	0.9	r-0.7	r-0.4
Output	7.9	-0.1	1.9	-6.4	-5.5	r0.4	1.1	4.1	4.1	0.7	-2.6	r-2.5
Hours	2.1	-0.1	0.8	-3.6	r-4.5	r-0.8	-0.4	1.6	1.9	-0.2	r-1.9	r-2.1
Compensation per hour	11.7	7.5	9.0	7.4	r7.3	r6.9	10.5	9.7	9.4	8.9	r7.8	r7.6
Real compensation per hour	0.2	0.5	-2.6	-0.4	r3.9	r2.2	-0.7	-0.1	-1.3	-0.6	r0.3	r0.7
Unit labor costs	5.7	7.5	7.8	10.6	r8.4	r5.6	8.9	6.9	7.1	7.9	8.6	r8.1
Unit nonlabor payments	25.0	4.9	12.5	2.9	r-5.4	r2.7	13.7	14.8	13.9	11.0	r3.5	r3.0
Implicit price deflator	11.6	6.6	9.3	8.0	3.8	r4.7	10.4	9.4	9.2	8.9	6.9	r6.4
NONFARM BUSINESS SECTOR:												
Output per hour of all persons	4.9	-1.3	-0.3	-3.5	r0.6	r0.5	1.7	2.5	1.6	-0.1	r-1.1	r-0.7
Output	7.2	-0.8	0.3	-7.1	-4.2	r0.3	1.2	4.2	3.6	-0.2	-3.0	r-2.7
Hours	2.2	0.5	0.6	-3.7	r-4.7	r-0.1	-0.4	1.6	2.0	-0.1	r-1.9	r-2.0
Compensation per hour	11.8	7.1	9.0	7.3	r7.7	r6.0	10.6	9.8	9.4	8.8	r7.8	r7.5
Real compensation per hour	0.4	0.1	-2.6	-0.5	r4.3	r1.4	-0.6	0.0	-1.2	-0.6	r0.3	r0.6
Unit labor costs	6.6	8.6	9.3	11.2	r7.1	r5.5	8.8	7.1	7.7	8.9	r9.0	r8.3
Unit nonlabor payments	24.9	4.0	12.1	5.1	r-4.6	r2.0	14.1	13.8	13.6	11.2	r4.0	r3.5
Implicit price deflator	12.1	7.1	10.2	9.2	3.3	r4.4	10.4	9.2	9.6	9.6	7.4	r6.7
MANUFACTURING:												
Output per hour of all persons	6.3	-0.7	-0.1	-8.2	r-2.4	r0.2	2.6	4.5	4.7	-0.8	r-2.9	r-2.7
Output	6.9	2.8	-0.4	-18.7	r-13.8	r-5.7	-1.0	5.8	7.5	-2.9	-8.0	r-9.9
Hours	0.5	3.6	r-0.3	-11.4	-11.7	r-5.8	-3.5	1.2	2.7	-2.1	-5.2	-7.4
Compensation per hour	12.7	6.6	6.8	9.6	11.1	r7.8	12.2	10.7	8.9	8.9	8.5	8.8
Real compensation per hour	1.2	-0.4	-4.6	1.6	7.6	r3.1	0.8	0.9	-1.7	-0.6	1.0	1.8
Unit labor costs	6.0	7.3	6.8	19.4	r13.9	r7.7	9.3	5.9	4.0	9.8	r11.7	r11.8
DURABLE GOODS												
Output per hour of all persons	8.2	-0.7	-1.3	-8.0	r-4.9	r0.5	3.0	4.8	5.4	-0.6	-3.8	r-3.5
Output	8.0	4.5	-1.6	-21.1	r-17.5	r-6.7	-1.7	6.7	9.1	-3.2	r-9.5	-12.0
Hours	-0.2	5.3	-0.3	-14.2	-13.2	r-7.1	-4.6	1.8	3.5	-2.6	-6.0	r-8.9
Compensation per hour	12.8	5.7	6.9	10.9	10.3	7.7	12.7	11.0	9.0	9.1	8.4	8.9
Real compensation per hour	1.3	-1.2	-4.5	2.9	6.8	r2.9	1.3	1.1	-1.6	-0.4	0.9	1.9
Unit labor costs	4.3	6.5	8.3	20.5	r15.9	r7.1	9.5	5.9	3.4	9.7	12.7	12.8
NONDURABLE GOODS												
Output per hour of all persons	3.5	-0.7	1.8	-8.8	r1.1	r0.4	2.0	4.2	3.7	-1.1	r-1.7	r-1.6
Output	5.2	0.3	1.4	-15.1	r-8.3	r-4.2	0.1	4.6	5.3	-2.4	r-5.6	r-6.7
Hours	1.6	1.0	-0.4	-6.9	-9.3	r-3.8	-1.8	0.4	1.5	-1.2	-4.0	r-5.2
Compensation per hour	12.8	7.6	6.5	8.2	13.2	r8.6	11.5	10.0	8.4	8.7	8.8	r9.1
Real compensation per hour	1.2	0.6	-4.8	0.3	9.6	r3.8	0.2	0.2	-2.2	-0.7	1.3	r2.1
Unit labor costs	9.0	8.3	4.6	18.5	r12.0	r9.0	9.4	5.6	4.5	10.0	10.8	r10.9
NONFINANCIAL CORPORATIONS:												
Output per all-employee hour	4.7	r-0.4	r0.3	r-2.3	r0.5	p2.3	2.1	r2.9	1.7	r0.6	r-0.5	p0.2
Output	7.4	0.6	1.5	-7.5	-5.2	p-1.0	1.0	4.4	4.1	0.3	-2.7	p-3.1
Hours	2.6	r0.9	r1.2	r-5.3	r-5.7	p-3.2	r-1.0	r1.4	2.4	-0.2	r-2.3	p-3.3
Compensation per hour	12.4	r6.9	r8.5	r8.3	r8.6	p6.4	r10.7	r9.8	r9.2	9.0	r8.1	p 8.0
Real compensation per hour	0.9	r-0.1	r-3.0	r0.5	r5.2	p1.7	-0.5	r0.1	-1.4	-0.5	r0.6	p1.0
Total unit costs	7.5	10.2	8.6	12.8	7.4	p6.0	10.6	8.7	8.9	9.8	9.7	p8.7
Unit labor costs	7.4	7.3	8.2	10.9	8.1	p4.0	8.5	6.7	7.5	8.4	8.6	p7.8
Unit nonlabor costs	8.0	18.5	9.8	17.8	5.7	p11.4	16.9	14.2	12.9	13.4	12.8	p11.1
Unit profits	79.5	-20.8	28.4	-25.9	-39.4	p-16.0	14.9	20.7	19.7	7.9	-17.8	p-16.6
Implicit price deflator	12.3	7.1	10.2	8.9	3.0	p4.4	11.0	9.6	9.7	9.6	7.3	p6.6

p=preliminary.
r=revised.

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C-12. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	JULY 1981	JUNE 1982	JULY 1982P	JULY 1981	JUNE 1982	JULY 1982P	JULY 1981	JUNE 1982	JULY 1982P
ALABAMA	$279.79	$289.02	$280.96	39.8	39.7	38.7	$7.03	$7.28	$7.26
Birmingham	310.45	319.57	294.62	39.2	39.6	37.2	7.92	8.07	7.92
Mobile	374.11	367.83	387.30	41.8	40.2	41.6	8.95	9.15	9.31
ALASKA	500.16	481.95	(*)	48.0	40.5	(*)	10.42	11.90	(*)
ARIZONA	311.48	344.18	341.22	38.5	39.2	38.6	8.09	8.78	8.84
ARKANSAS	246.18	262.80	261.58	39.2	39.4	39.1	6.28	6.67	6.69
Fayetteville—Springdale	215.25	233.70	231.99	38.3	38.5	38.6	5.62	6.07	6.01
Fort Smith	248.82	251.33	257.47	37.7	37.4	38.2	6.60	6.72	6.74
Little Rock—North Little Rock	276.59	298.76	303.64	39.4	38.7	39.9	7.02	7.72	7.61
Pine Bluff	322.28	356.07	358.48	41.8	41.5	41.3	7.71	8.58	8.68
CALIFORNIA	337.82	362.60	362.16	39.1	39.2	38.9	8.64	9.25	9.31
COLORADO	326.33	334.57	333.13	39.7	39.5	39.1	8.22	8.47	8.52
Denver—Boulder	323.51	340.16	337.35	39.5	39.6	39.0	8.19	8.59	8.65
CONNECTICUT	317.95	330.04	331.60	41.4	40.2	40.0	7.68	8.21	8.29
Bridgeport	341.91	348.92	352.77	42.9	41.3	41.6	7.97	8.40	8.48
Hartford	328.85	356.47	351.43	40.5	40.6	39.8	8.12	8.78	8.83
New Britain	331.57	338.15	339.73	42.4	40.4	40.3	7.82	8.37	8.43
New Haven—West Haven	303.75	311.08	320.30	40.5	38.5	39.3	7.50	8.08	8.15
Stamford	298.19	301.78	300.06	41.3	39.5	39.8	7.22	7.64	7.69
Waterbury	267.73	277.89	271.47	41.0	40.1	39.4	6.53	6.93	6.89
DELAWARE	360.82	336.96	350.83	42.7	39.0	40.7	8.45	8.64	8.62
Wilmington	391.82	407.12	391.13	39.9	38.7	37.9	9.82	10.52	10.32
DISTRICT OF COLUMBIA:									
Washington SMSA	346.48	361.68	355.70	38.8	38.6	37.6	8.93	9.37	9.46
FLORIDA	267.96	269.99	270.46	40.6	39.3	38.2	6.60	6.87	7.08
Fort Lauderdale—Hollywood	248.84	265.44	256.30	40.2	39.5	38.6	6.19	6.72	6.64
Jacksonville	319.27	295.95	303.89	42.4	37.7	37.8	7.53	7.85	7.96
Lakeland—Winter Haven	305.60	305.93	314.36	43.0	40.9	41.2	7.20	7.48	7.63
Miami	229.54	233.04	225.75	40.2	39.1	37.5	5.71	5.96	6.02
Orlando	297.73	301.60	308.66	42.9	40.0	40.4	6.94	7.54	7.64
Pensacola	335.12	324.66	356.33	42.8	39.4	40.4	7.83	8.24	8.82
Tampa—St. Petersburg	265.93	273.04	270.36	40.6	39.4	40.4	6.55	6.93	6.89
West Palm Beach—Boca Raton	293.41	294.80	282.70	41.5	40.0	38.1	7.07	7.37	7.42
GEORGIA	250.17	266.23	263.06	39.9	39.5	38.8	6.27	6.74	6.78
Atlanta	292.87	326.02	316.61	39.9	40.2	38.8	7.34	8.11	8.16
Savannah	356.53	383.24	353.96	43.8	43.6	41.5	8.14	8.79	8.77
HAWAII	261.30	288.10	296.45	36.7	36.7	38.6	7.12	7.85	7.68
Honolulu	249.12	285.50	292.23	36.0	36.3	38.1	6.92	7.81	7.67
IDAHO	325.18	322.06	329.40	37.9	37.8	36.9	8.58	8.52	9.00
Boise City	278.21	293.66	308.73	37.8	37.6	39.8	7.36	7.81	7.76
ILLINOIS	356.90	362.60	361.14	39.7	39.2	39.0	8.99	9.25	9.26
Bloomington—Normal	335.38	333.25	328.25	39.5	37.7	37.6	8.49	8.76	8.73
Champaign—Urbana—Rantoul	324.69	350.78	327.85	39.5	40.6	38.3	8.22	8.64	8.56
Chicago SMSA	325.35	350.16	349.07	39.2	39.3	38.7	8.30	8.91	9.02
Davenport—Rock Island—Moline	449.35	460.88	466.76	40.3	38.6	38.8	11.15	11.94	12.03
Decatur	410.19	459.20	449.69	38.3	40.0	38.8	10.71	11.48	11.59
Kankakee	301.54	323.65	318.40	37.8	38.9	38.5	7.98	8.32	8.27
Peoria	470.37	467.98	456.77	39.1	37.2	36.6	12.03	12.58	12.48
Rockford	372.60	369.34	370.66	40.5	39.8	39.6	9.20	9.28	9.36
Springfield	392.40	455.36	457.33	40.0	41.7	41.5	9.81	10.92	11.02
INDIANA	376.57	388.65	386.51	40.2	39.7	39.4	9.37	9.79	9.81
Gary—Hammond—East Chicago	493.25	(*)	(*)	43.2	(*)	(*)	12.27	(*)	(*)
Indianapolis	374.10	(*)	(*)	40.4	(*)	(*)	9.26	(*)	(*)
IOWA	376.36	386.00	381.76	38.8	38.6	38.1	9.70	10.00	10.02
Cedar Rapids	355.50	399.96	396.21	37.5	39.6	39.7	9.48	10.10	9.98
Des Moines	390.90	406.73	416.48	38.2	37.8	38.0	10.22	10.76	10.96

See footnotes at end of table.

C-12. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas—Continued

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	JULY 1981	JUNE 1982	JULY 1982P	JULY 1981	JUNE 1982	JULY 1982P	JULY 1981	JUNE 1982	JULY 1982P
IOWA—Continued									
Dubuque	$416.70	$406.85	$394.71	38.3	36.1	35.4	$10.88	$11.27	$11.15
Sioux City	293.73	358.75	342.42	38.7	40.4	39.0	7.59	8.88	8.78
Waterloo—Cedar Falls	515.20	528.05	505.13	40.0	38.6	37.5	12.88	13.69	13.47
KANSAS									
Topeka	319.55	341.34	348.00	39.5	39.1	39.5	8.09	8.73	8.81
Wichita	332.09	320.29	320.07	39.3	37.2	37.7	8.45	8.61	8.49
	361.57	363.76	380.95	41.8	38.1	39.6	8.65	9.60	9.62
KENTUCKY									
Lexington—Fayette	310.47	325.65	319.35	39.4	39.0	38.2	7.88	8.35	8.36
Louisville	318.97	373.82	362.87	38.2	40.5	39.4	8.35	9.23	9.21
	366.00	386.07	377.67	40.0	40.3	39.3	9.15	9.58	9.61
LOUISIANA									
Baton Rouge	361.53	376.27	375.34	41.9	40.2	40.1	8.63	9.35	9.36
New Orleans	459.11	473.88	465.16	43.6	41.1	40.1	10.53	11.53	11.60
Shreveport	344.61	364.26	359.12	40.4	39.0	38.6	8.53	9.34	9.20
	314.84	340.31	334.43	41.7	41.2	40.1	7.55	8.26	8.34
MAINE									
Lewiston—Auburn	271.35	284.31	296.40	40.2	40.1	40.0	6.75	7.09	7.41
Portland	221.63	232.15	237.08	39.5	38.5	38.3	5.61	6.03	6.19
	251.16	274.77	286.77	38.7	38.7	38.7	6.49	7.10	7.41
MARYLAND									
Baltimore	336.31	341.48	344.18	39.8	39.8	39.2	8.45	8.58	8.78
	353.28	367.28	368.80	40.1	40.9	40.0	8.81	8.98	9.22
MASSACHUSETTS									
Boston	280.50	296.60	294.88	39.9	39.6	38.8	7.03	7.49	7.60
Brockton	300.80	319.60	318.72	40.0	39.9	39.3	7.52	8.01	8.11
Fall River	224.37	232.73	229.15	38.5	37.0	36.2	5.82	6.29	6.33
Lawrence—Haverhill	209.36	220.58	208.74	38.5	37.9	35.5	5.43	5.82	5.88
Lowell	287.36	299.34	299.88	39.8	39.7	39.2	7.22	7.54	7.65
New Bedford	245.25	268.37	250.22	37.5	39.7	35.9	6.54	6.76	6.97
Springfield—Chicopee—Holyoke	234.42	265.78	266.88	37.6	39.2	38.4	6.24	6.78	6.95
Worcester	280.	303.96	305.56	40.6	40.8	40.1	6.91	7.45	7.62
	262.56	303.03	297.99	39.7	38.9	38.5	7.12	7.79	7.74
MICHIGAN									
Ann Arbor	423.64	474.85	464.14	40.3	41.6	40.7	10.52	11.42	11.41
Battle Creek	481.44	510.87	481.89	42.4	42.7	40.9	11.35	11.97	11.79
Bay City	432.08	463.22	466.28	41.0	39.1	39.1	10.53	11.83	11.91
Detroit	372.33	401.83	392.69	40.0	41.0	40.1	9.32	9.80	9.79
Flint	453.58	515.00	491.16	43.9	42.8	41.2	11.09	12.03	11.91
Grand Rapids	500.70	578.62	565.08	41.4	42.5	42.0	12.09	13.61	13.45
Jackson	345.70	374.37	367.64	39.3	32.8	38.6	8.80	9.41	9.53
Kalamazoo—Portage	405.55	404.70	399.16	43.4	40.6	40.8	9.34	9.98	9.78
Lansing—East Lansing	395.23	401.52	412.19	39.3	39.3	39.5	10.05	10.20	10.45
Muskegon—Norton Shores—Muskegon Heights	465.20	494.88	537.92	38.8	40.5	42.8	12.00	12.20	12.58
Saginaw	350.94	367.89	353.73	39.2	38.4	36.6	8.95	9.57	9.65
	511.98	545.26	548.17	41.5	41.6	41.2	12.33	13.42	13.30
MINNESOTA									
Duluth—Superior	327.27	357.50	356.46	39.1	39.2	39.0	8.37	9.12	9.14
Minneapolis—St. Paul	340.23	361.78	350.62	39.7	39.8	38.7	8.57	9.09	9.06
St. Cloud	343.88	375.09	375.36	38.9	39.4	39.1	8.84	9.52	9.60
	247.81	249.33	250.99	35.2	33.2	33.6	7.04	7.51	7.47
MISSISSIPPI									
Jackson	231.25	252.01	244.22	38.8	39.5	38.4	5.96	6.38	6.36
	260.25	290.19	273.62	40.1	40.7	39.2	6.49	7.13	6.98
MISSOURI									
Kansas City	309.67	334.17	329.09	39.1	39.5	38.9	7.92	8.46	8.46
St. Joseph	353.81	375.18	365.94	39.4	39.0	38.0	8.98	9.62	9.63
St. Louis	283.29	298.68	306.15	39.4	38.0	39.0	7.19	7.86	7.85
Springfield	355.90	382.48	380.78	39.5	39.8	39.5	9.01	9.61	9.64
	313.92	302.09	290.60	41.8	41.1	39.7	7.51	7.35	7.32
MONTANA	369.80	404.74	391.61	42.9	40.8	39.2	8.62	9.92	9.99
NEBRASKA									
Lincoln	314.02	331.10	333.96	39.4	39.7	39.9	7.97	8.34	8.37
Omaha	305.74	317.06	314.26	38.8	38.2	38.0	7.88	8.30	8.27
	328.64	335.13	345.32	39.5	38.3	38.8	8.32	8.75	8.90
NEVADA									
Las Vegas	321.09	325.23	329.73	38.5	37.0	37.3	8.34	8.79	8.84
	391.79	409.37	(*)	38.6	39.4	(*)	10.15	10.39	(*)

See footnotes at end of table.

C-12. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas—Continued

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	JULY 1981	JUNE 1982	JULY 1982P	JULY 1981	JUNE 1982	JULY 1982P	JULY 1981	JUNE 1982	JULY 1982P
NEW HAMPSHIRE									
Manchester	$254.52	$275.71	$275.64	37.9	38.9	38.9	$6.96	$6.91	$7.00
Nashua	233.17	254.27	256.13	38.1	40.2	39.9	6.12	6.43	6.50
	278.87	310.08	308.88	39.9	39.5	39.3	7.06	7.55	7.92
NEW JERSEY									
Atlantic City	323.00	345.77	341.46	42.1	42.5	39.8	8.05	8.58	8.53
Camden	266.83	293.02	286.87	39.4	39.1	39.2	6.81	6.82	7.04
Hackensack	313.80	335.43	339.63	40.5	39.0	38.4	8.14	8.69	8.76
Jersey City	284.32	292.53	293.33	40.1	39.9	38.8	7.08	7.52	7.56
New Brunswick—Perth Amboy—Sayreville	307.85	322.34	320.63	39.7	39.6	39.1	7.76	8.14	8.19
Newark	268.33	290.96	290.73	41.2	41.2	41.3	6.54	7.40	7.53
Paterson—Clifton—Passaic	330.91	369.62	352.81	40.6	41.5	40.6	8.14	8.81	8.67
Trenton	312.56	310.04	310.40	41.0	39.0	39.5	7.62	7.84	7.84
	320.12	344.16	336.24	40.7	39.8	38.7	8.23	8.87	8.74
NEW MEXICO									
Albuquerque	260.92	281.87	278.91	40.0	39.7	38.9	6.51	7.10	7.17
	282.38	296.29	291.83	40.5	39.3	37.9	6.97	7.54	7.70
NEW YORK									
Albany—Schenectady—Troy	306.74	(*)	(*)	39.1	(*)	(*)	7.85	(*)	(*)
Binghamton	325.91	337.59	(*)	39.3	39.3	(*)	8.27	8.58	(*)
Buffalo	285.73	293.13	(*)	40.5	40.6	(*)	7.06	7.22	(*)
Elmira	403.23	441.45	(*)	40.0	41.5	(*)	10.08	10.63	(*)
Monroe County	308.87	341.54	(*)	39.7	39.9	(*)	7.78	8.56	(*)
Nassau—Suffolk	409.59	447.60	(*)	40.6	41.4	(*)	9.99	10.86	(*)
New York—Northeastern New Jersey	295.32	310.78	(*)	39.8	39.6	(*)	7.42	8.05	(*)
New York and Nassau—Suffolk	293.61	(*)	(*)	39.2	(*)	(*)	7.49	(*)	(*)
New York SMSA	267.29	289.29	(*)	37.7	37.9	(*)	7.09	7.60	(*)
New York City	259.33	279.16	(*)	37.1	36.8	(*)	6.99	7.45	(*)
Poughkeepsie	253.70	269.37	(*)	38.7	38.5	(*)	6.92	7.38	(*)
Rochester	317.98	326.88	(*)	42.5	42.9	(*)	7.47	7.87	(*)
Rockland County	379.39	425.18	(*)	40.9	41.2	(*)	9.39	10.32	(*)
Syracuse	293.97	322.76	(*)	39.3	38.7	(*)	7.47	8.34	(*)
Utica—Rome	340.61	352.84	(*)	40.3	39.6	(*)	8.41	8.91	(*)
Westchester County	296.80	308.85	(*)	39.9	39.1	(*)	7.44	7.72	(*)
	302.40	308.89	(*)	41.7	39.5	(*)	7.43	7.82	(*)
NORTH CAROLINA									
Asheville	233.84	240.16	236.48	39.3	38.0	37.3	5.95	6.32	6.34
Charlotte—Gastonia	233.96	237.29	228.38	40.2	38.9	38.5	5.82	6.10	6.09
Greensboro—Winston-Salem—High Point	245.81	247.50	247.02	40.9	39.1	38.9	6.01	6.33	6.35
Raleigh—Durham	253.82	261.53	254.83	38.9	37.1	36.3	6.64	7.06	7.02
	268.09	268.01	271.50	39.6	38.2	37.5	6.77	7.33	7.40
NORTH DAKOTA									
Fargo—Moorhead	273.26	278.75	284.58	37.9	38.1	37.2	7.21	7.51	7.65
	294.93	302.59	307.20	38.2	38.9	38.7	7.72	7.88	7.95
OHIO									
Akron	388.14	413.92	408.83	40.6	40.7	40.2	9.56	10.17	10.17
Canton	400.95	437.12	401.02	41.9	41.5	41.3	9.57	9.81	9.71
Cincinnati	387.65	403.40	399.84	39.8	39.9	39.2	9.73	10.29	10.23
Cleveland	357.30	399.42	390.11	40.9	41.0	40.0	8.73	9.82	9.81
Columbus	391.79	423.25	410.00	40.6	41.0	40.3	9.65	10.25	10.19
Dayton	339.31	373.33	371.80	39.5	40.1	39.7	8.59	9.31	9.36
Toledo	400.61	429.30	424.50	41.6	41.2	41.1	9.63	10.42	10.33
Youngstown—Warren	400.56	456.96	460.64	40.4	41.8	41.8	9.91	10.96	11.02
	470.60	469.57	460.50	40.7	40.1	39.5	11.95	11.71	11.61
OKLAHOMA									
Oklahoma City	332.08	350.61	348.98	40.3	40.3	39.3	8.23	8.72	8.88
Tulsa	361.75	369.91	358.68	40.6	40.1	39.2	8.91	9.09	9.15
	355.37	371.62	377.13	40.8	39.2	39.0	8.71	9.48	9.67
OREGON									
Eugene—Springfield	357.54	394.98	(*)	37.9	38.8	(*)	9.56	10.18	(*)
Jackson County	386.91	415.84	(*)	37.9	38.9	(*)	10.09	10.69	(*)
Portland	351.69	364.56	(*)	36.9	37.2	(*)	9.52	9.80	(*)
Salem	358.16	390.33	(*)	37.9	38.6	(*)	9.45	10.06	(*)
	303.63	361.90	(*)	34.7	32.9	(*)	8.66	10.34	(*)
PENNSYLVANIA									
Allentown—Bethlehem—Easton	323.31	328.79	330.91	37.0	38.5	38.3	8.29	8.54	8.64
Altoona	330.15	330.25	343.20	38.3	37.1	38.1	8.62	8.75	9.01
Delaware Valley	275.16	289.08	302.33	38.7	39.6	40.8	7.11	7.30	7.41
Erie	323.30	338.72	340.09	39.7	38.8	38.6	8.39	8.73	8.83
Harrisburg	344.25	359.50	360.64	40.3	39.9	39.2	8.50	9.01	9.20
Johnstown	302.54	320.44	319.76	39.9	38.7	38.9	7.68	8.28	8.22
	330.13	342.91	339.69	39.6	39.3	39.3	8.32	8.62	8.63

See footnotes at end of table

C-12. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas—Continued

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	JULY 1981	JUNE 1982	JULY 1982P	JULY 1981	JUNE 1982	JULY 1982P	JULY 1981	JUNE 1982	JULY 1982P
PENNSYLVANIA—Continued									
Lancaster	$285.42	$297.55	$296.78	38.2	38.4	38.0	$7.21	$7.69	$7.61
Northeast Pennsylvania	235.54	257.10	263.95	37.1	37.1	37.6	6.35	6.93	7.02
Philadelphia SMSA	330.30	338.44	339.57	39.7	38.8	38.9	8.32	8.73	8.82
Pittsburgh	344.73	389.17	396.80	40.3	37.8	37.7	9.96	10.56	10.52
Reading	301.09	317.57	316.61	38.8	38.4	38.1	7.76	8.27	8.31
Williamsport	295.56	312.05	309.28	38.5	39.4	39.1	7.68	7.92	7.91
York	306.68	311.22	317.98	41.3	39.9	40.2	7.48	7.80	7.91
RHODE ISLAND									
Providence—Warwick—Pawtucket	237.98	259.62	252.45	38.9	39.1	37.4	6.11	6.64	6.75
	237.39	256.50	248.34	39.1	39.1	37.4	6.07	6.56	6.64
SOUTH CAROLINA									
Charleston—North Charleston	247.82	257.13	259.78	40.1	38.9	38.6	6.18	6.61	6.73
Columbia	265.59	275.12	279.36	38.9	38.0	37.7	6.83	7.24	7.41
Greenville—Spartanburg	242.52	248.65	244.61	39.9	38.3	37.0	6.38	6.49	6.55
	249.62	250.90	249.10	40.3	38.9	38.8	6.07	6.45	6.42
SOUTH DAKOTA									
Sioux Falls	289.01	306.16	314.00	40.6	40.5	41.7	7.12	7.56	7.53
	406.99	415.94	451.97	47.1	43.8	45.7	8.64	9.54	9.89
TENNESSEE									
Chattanooga	268.82	281.71	281.06	40.0	39.4	39.2	6.72	7.15	7.17
Knoxville	263.41	277.11	266.04	40.4	39.7	38.5	6.52	6.98	6.91
Memphis	298.95	317.52	320.30	40.4	39.2	39.6	7.40	8.10	8.24
Nashville—Davidson	306.80	313.50	313.10	40.0	40.4	40.4	7.67	7.76	7.75
	297.43	323.76	310.76	40.2	40.5	40.3	7.40	7.92	7.86
TEXAS									
Dallas—Fort Worth	323.45	347.09	349.16	40.8	40.5	40.6	7.94	8.57	8.60
Houston	303.36	332.10	335.36	40.3	40.5	40.6	7.52	8.20	8.26
San Antonio	413.34	431.57	430.45	42.7	41.9	41.9	9.68	10.33	10.39
	239.60	249.56	243.66	40.0	39.3	38.8	5.98	6.35	6.28
UTAH									
Salt Lake City—Ogden	308.88	322.37	323.71	39.6	38.7	38.4	7.80	8.33	8.43
	298.75	318.11	323.59	40.1	38.7	38.0	7.45	8.22	8.34
VERMONT									
Burlington	285.16	282.85	284.13	39.4	38.8	38.5	6.73	7.29	7.38
Springfield	287.33	317.96	319.60	40.2	40.2	40.1	7.14	7.91	7.97
	305.21	308.90	311.16	41.3	39.2	38.8	7.39	7.88	8.02
VIRGINIA									
Bristol	270.58	286.55	284.96	39.4	39.2	38.6	6.87	7.31	7.37
Lynchburg	265.17	296.08	295.97	38.1	37.8	37.4	6.91	6.51	6.63
Norfolk—Virginia Beach—Portsmouth	271.88	292.56	299.78	40.1	38.3	38.6	6.78	7.01	6.93
Northern Virginia	292.94	316.58	309.20	40.8	41.6	40.4	7.18	7.61	7.56
Petersburg—Colonial Heights—Hopewell	292.74	306.15	301.86	39.3	39.3	38.7	7.45	7.79	7.80
Richmond	343.03	342.78	339.77	43.5	41.3	40.7	8.93	9.58	9.70
Roanoke	345.69	359.68	364.62	39.1	39.0	38.0	8.84	9.12	9.32
	263.31	250.47	252.78	40.2	38.8	38.3	6.55	6.61	6.60
WASHINGTON									
Seattle—Everett	409.75	446.06	(*)	38.8	39.9	(*)	10.56	11.18	(*)
	419.93	(*)	(*)	39.1	(*)	(*)	10.74	(*)	(*)
WEST VIRGINIA									
Charleston	349.57	368.32	357.21	39.2	39.1	37.8	8.79	9.42	9.45
Huntington—Ashland	422.29	435.39	430.13	42.0	41.5	41.2	10.07	10.49	10.44
Parkersburg—Marietta	390.17	408.48	389.36	38.9	37.0	35.5	10.03	11.04	11.03
Wheeling	371.62	421.40	407.23	41.2	40.8	40.2	9.02	10.33	10.13
	379.05	397.56	376.54	39.2	38.9	36.9	9.67	10.22	10.15
WISCONSIN									
Appleton—Oshkosh	350.95	369.04	372.82	43.2	39.5	40.0	8.74	9.34	9.31
Eau Claire	354.34	359.54	361.72	42.0	43.3	40.6	8.45	8.93	8.87
Green Bay	343.21	357.36	357.83	40.0	40.7	40.6	8.39	8.79	8.81
Janesville—Beloit	369.04	408.43	411.97	41.8	42.3	43.3	8.82	9.65	9.59
Kenosha	371.65	394.31	397.25	39.0	39.6	40.1	9.53	9.95	9.90
La Crosse	425.94	431.43	498.77	40.9	39.1	42.2	10.39	11.04	11.82
Madison	305.11	316.51	322.94	40.4	37.6	37.6	7.47	8.47	8.59
Milwaukee	345.12	380.06	374.76	40.0	39.7	40.8	8.63	9.58	9.18
Racine	367.10	409.50	417.47	40.0	37.4	39.9	9.67	10.38	10.46
	374.90	390.69	398.71	39.1	39.1	39.3	9.58	9.99	10.16
WYOMING	332.86	322.10	331.30	41.4	38.3	38.3	8.04	8.41	8.65

See footnotes at end of table

C-12. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas—Continued

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	JULY 1981	JUNE 1982	JULY 1982P	JULY 1981	JUNE 1982	JULY 1982P	JULY 1981	JUNE 1982	JULY 1982P
VIRGIN ISLANDS	$366.37	$404.89	$408.77	42.7	41.4	41.5	$8.58	$9.78	$9.85

[1] Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.
[2] Subarea of New York—Northeastern New Jersey.
[3] Subarea of Rochester Standard Metropolitan Statistical Area.
[4] Area included in New York and Nassau—Suffolk combined SMSA's.
[5] Subarea of New York Standard Metropolitan Statistical Area.
[6] Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pennsylvania.
[7] Subarea of Washington, D.C. Standard Metropolitan Statistical Area: Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park cities; and Arlington, Fairfax, Loudoun, and Prince William Counties, Virginia.

p = preliminary
* Not available

SOURCE: Cooperating State agencies listed on inside back cover.

D-1. Labor force and unemployment by State and selected metropolitan areas

(Numbers in thousands)

State and area	Labor force			Unemployment					
				Number			Percent of labor force		
	JUL. 1981	JUN. 1982	JUL. 1982P	JUL. 1981	JUN. 1982	JUL. 1982P	JUL. 1981	JUN. 1982	JUL. 1982P
ALABAMA	1,673.1	1,707.4	1,704.8	183.7	238.9	247.9	11.0	14.0	14.5
Birmingham	376.8	381.7	383.8	43.1	49.6	52.3	11.4	13.0	13.6
Huntsville	143.1	149.1	149.4	14.8	19.2	19.3	10.3	12.9	13.1
Mobile	192.6	195.2	193.3	19.4	26.7	27.4	10.1	13.7	14.2
Montgomery	122.7	124.2	122.4	12.0	13.9	14.3	9.8	12.8	11.8
Tuscaloosa	53.9	54.1	54.0	5.8	6.7	6.6	10.8	12.4	12.1
ALASKA	206.2	210.0	211.9	17.4	20.9	18.7	8.4	10.0	8.8
ARIZONA	1,250.3	1,310.0	1,309.2	79.0	136.4	149.3	6.3	10.4	10.9
Phoenix	766.1	793.7	791.8	38.8	63.2	65.3	5.1	8.0	8.2
Tucson	225.6	242.0	236.9	11.6	24.1	23.7	5.2	9.9	10.0
ARKANSAS	1,046.4	1,026.7	1,024.5	93.8	98.8	96.9	9.0	9.6	9.5
Fayetteville-Springdale	81.2	79.6	N.A.	4.7	5.6	N.A.	5.8	7.1	N.A.
Fort Smith[1]	91.4	87.4	N.A.	7.5	10.1	N.A.	8.2	11.5	N.A.
Little Rock-North Little Rock	201.1	197.3	N.A.	16.0	16.1	N.A.	8.0	8.2	N.A.
Pine Bluff	41.5	40.4	N.A.	4.5	4.6	N.A.	10.9	11.3	N.A.
CALIFORNIA[2]	11,876.5	12,145.5	12,336.3	882.3	1,137.6	1,316.3	7.4	9.4	10.7
Anaheim-Santa Ana-Garden Grove	1,161.1	1,210.3	1,218.0	54.6	85.1	95.5	4.7	7.0	7.8
Bakersfield	200.5	208.3	210.1	16.0	21.8	26.1	8.0	10.4	12.4
Fresno	284.1	297.1	304.1	25.6	36.1	38.7	9.0	12.2	12.7
Los Angeles-Long Beach[3]	3,807.0	3,775.0	3,850.0	265.0	334.0	399.0	7.0	8.8	10.4
Modesto	140.7	142.9	149.3	18.4	27.2	26.5	13.1	19.0	17.7
Oxnard-Simi Valley-Ventura	249.4	262.7	266.2	21.3	26.6	31.0	8.6	10.1	11.6
Riverside-San Bernardino-Ontario	603.2	633.5	643.3	55.3	73.5	87.4	9.2	11.6	13.6
Sacramento	493.0	507.6	516.7	43.3	55.0	61.8	8.8	10.8	12.0
Salinas-Seaside-Monterey	140.5	144.5	148.1	12.1	12.2	14.0	8.6	8.4	9.5
San Diego	793.1	820.0	828.6	58.0	77.6	91.2	7.3	9.5	11.0
San Francisco-Oakland	1,685.2	1,736.5	1,766.9	108.6	131.2	156.1	6.4	7.6	8.8
San Jose	791.4	819.5	831.6	51.9	61.7	67.2	6.6	7.5	8.1
Santa Barbara-Santa Maria-Lompoc	155.6	159.2	162.2	9.5	11.9	13.5	6.1	7.5	8.3
Santa Rosa	140.1	148.0	146.8	11.3	14.9	16.1	8.0	10.0	11.0
Stockton	172.5	183.9	185.8	18.5	27.4	29.2	10.7	14.9	15.7
Vallejo-Fairfield-Napa	135.1	138.7	142.1	10.8	13.2	15.6	8.0	9.5	11.0
COLORADO	1,549.2	1,590.3	1,586.7	79.4	115.0	114.9	5.1	7.2	7.2
Denver-Boulder	914.4	941.0	935.6	43.6	59.7	58.8	4.8	6.3	6.3
CONNECTICUT	1,599.0	1,637.9	1,625.7	102.0	113.6	114.9	6.4	6.9	7.1
Bridgeport	193.0	197.2	195.4	12.2	15.1	15.3	6.3	7.7	7.8
Hartford	386.3	397.9	394.6	22.3	25.4	26.5	5.8	6.4	6.7
New Britain	73.5	75.6	73.5	5.3	7.3	7.1	7.3	9.6	9.7
New Haven-West Haven	198.4	204.5	202.0	14.0	14.9	13.9	7.0	7.3	6.9
Stamford	124.5	127.1	126.8	4.9	4.5	4.8	3.9	3.5	3.8
Waterbury	107.7	111.3	111.0	9.2	10.2	10.0	8.6	9.2	9.0
DELAWARE	286.7	310.7	306.0	22.3	27.9	25.1	7.5	9.0	8.2
Wilmington[1]	257.4	269.9	264.8	19.1	26.3	21.9	7.4	9.8	8.3
DISTRICT OF COLUMBIA	320.7	319.2	336.3	32.2	35.9	38.5	10.0	11.4	11.4
Washington SMSA[1]	1,725.9	1,727.9	1,748.5	93.8	109.7	109.8	5.4	6.3	6.3
FLORIDA[2]	4,621.9	4,763.3	4,853.6	300.7	365.6	364.9	6.5	7.7	7.5
Daytona Beach	112.5	113.3	115.9	6.0	6.9	6.6	5.3	5.9	5.7
Fort Lauderdale-Hollywood	496.0	501.6	509.1	23.8	33.2	30.7	4.8	6.6	6.0
Fort Myers-Cape Coral	92.4	101.4	98.9	4.7	7.8	6.9	5.1	7.7	6.1
Gainsville	79.5	82.7	83.9	3.2	3.9	3.7	4.0	4.8	4.4
Jacksonville	346.2	362.4	371.2	20.2	24.5	26.6	5.8	6.7	7.2
Lakeland-Winter Haven	148.4	152.3	146.2	21.3	24.5	24.6	14.3	16.1	16.8
Melbourne-Titusville-Cocoa	128.8	127.7	133.3	9.9	10.5	10.9	7.7	8.3	8.2
Miami	839.9	854.9	873.1	51.7	68.3	61.9	6.2	8.0	7.1
Orlando	384.9	389.8	392.0	25.9	24.6	25.4	6.7	6.3	6.5
Pensacola	121.6	129.3	130.9	6.7	8.0	8.6	5.4	6.2	6.4
Sarasota	81.7	85.1	87.4	3.7	5.7	6.3	4.5	6.7	7.2
Tallahassee	88.7	89.5	90.4	4.0	4.3	4.2	4.5	4.8	4.7
Tampa-St. Petersburg	707.9	744.4	765.0	40.5	51.2	53.0	5.7	6.9	6.9
West Palm Beach-Boca Raton	273.6	282.6	283.3	20.3	23.5	22.6	7.4	8.3	8.0

See footnotes at end of table.

STATE AND AREA UNEMPLOYMENT DATA

D-1. Labor force and unemployment by State and selected metropolitan areas – Continued

(Numbers in thousands)

State and area	Labor force			Unemployment					
				Number			Percent of labor force		
	JUL. 1981	JUN. 1982	JUL. 1982P	JUL. 1981	JUN. 1982	JUL. 1982P	JUL. 1981	JUN. 1982	JUL. 1982P
GEORGIA	2,603.2	2,684.3	2,687.3	164.4	217.2	217.1	6.3	8.1	8.1
Albany	55.2	56.0	56.9	5.5	5.5	6.4	10.0	9.8	11.3
Atlanta	1,063.2	1,112.0	1,113.5	58.9	73.5	70.5	5.5	6.6	6.3
Augusta	130.4	137.7	138.4	9.2	12.7	12.3	7.1	9.2	8.9
Columbus	91.0	91.3	90.1	7.1	10.6	9.0	7.8	11.6	10.0
Macon	106.8	110.1	110.6	6.3	7.3	7.5	5.9	6.7	6.8
Savannah	96.6	101.1	99.1	5.5	7.6	7.5	5.8	7.5	7.6
HAWAII	438.7	456.8	458.3	25.2	35.4	34.9	5.5	7.7	7.6
Honolulu	352.4	350.5	350.4	17.8	24.9	24.6	5.1	7.1	7.0
IDAHO	435.5	444.9	442.0	29.6	40.8	39.7	6.8	9.2	9.0
Boise City	90.1	91.5	90.9	4.9	6.5	5.9	5.4	7.1	6.5
ILLINOIS[1]	5,881.6	5,707.9	5,758.8	436.4	669.6	701.8	7.7	11.7	12.2
Bloomington – Normal	62.5	61.6	62.0	3.7	5.6	5.1	6.0	9.1	8.2
Champaign – Urbana – Rantoul	83.4	84.3	86.8	4.7	6.6	6.9	5.7	7.8	8.0
Chicago	3,367.9	3,376.7	3,413.8	266.2	390.9	410.9	7.5	10.9	11.4
Davenport – Rock Island – Moline[1]	191.4	193.7	204.9	14.3	27.6	30.0	7.5	14.2	14.7
Decatur	63.2	63.0	63.6	6.4	10.5	10.9	10.1	16.1	16.7
Kankakee	42.4	44.1	43.9	4.7	7.5	7.8	11.1	17.1	17.7
Peoria	177.1	179.8	183.3	12.1	29.0	29.2	6.8	16.1	16.0
Rockford	137.6	140.6	140.6	11.5	22.2	22.2	8.3	15.3	15.3
Springfield	100.0	101.3	104.4	6.2	7.5	7.7	6.2	7.4	7.3
INDIANA	2,610.7	2,564.8	2,568.8	249.5	293.4	292.1	9.6	11.5	11.4
Anderson	55.8	54.0	53.9	6.4	7.4	7.3	11.5	13.7	13.4
Elkhart	67.5	66.1	66.3	3.9	6.0	6.5	5.7	9.0	9.9
Evansville	146.8	N.A.	N.A.	11.4	N.A.	N.A.	7.6	N.A.	N.A.
Fort Wayne	193.9	187.0	187.9	17.6	22.2	22.0	9.1	11.9	11.7
Gary – Hammond – East Chicago	297.2	290.0	295.6	33.2	43.3	41.7	11.2	15.0	14.1
Indianapolis	613.6	602.6	606.3	52.4	56.9	54.8	8.5	9.4	9.0
Lafayette – West Lafayette	60.1	59.4	60.1	4.1	5.2	5.1	6.9	8.8	8.5
Muncie	59.7	54.3	53.6	6.3	7.4	7.2	11.3	13.5	13.3
South Bend	135.4	133.6	133.7	11.6	12.9	13.8	8.6	9.6	10.3
Terre Haute	79.1	74.7	75.2	7.3	8.9	8.7	9.2	11.9	11.5
IOWA	1,453.9	1,447.7	1,410.5	99.5	126.4	121.7	6.8	8.7	8.6
Cedar Rapids	87.4	84.9	82.6	7.2	9.5	9.5	8.2	11.2	11.5
Des Moines	183.1	180.3	175.6	13.8	13.1	14.5	7.6	8.4	8.3
Dubuque	45.0	44.1	42.6	4.6	6.4	6.6	10.2	14.5	15.0
Sioux City[1]	53.7	53.5	51.9	4.2	5.2	4.9	7.8	9.8	9.1
Waterloo – Cedar Falls	66.3	66.1	64.5	6.0	7.9	7.7	8.7	12.0	11.9
KANSAS	1,201.0	1,185.2	1,167.1	68.1	73.2	74.9	5.0	6.2	6.4
Lawrence	33.3	32.8	31.5	1.7	1.9	1.8	5.0	5.9	5.8
Topeka	98.7	98.0	92.9	5.2	6.1	6.1	5.4	6.3	6.6
Wichita	230.5	225.5	222.0	9.1	19.8	20.5	3.9	8.8	9.2
KENTUCKY	1,634.7	1,659.6	1,647.6	132.9	178.1	184.0	8.1	10.7	11.2
Lexington – Fayette	177.2	174.5	180.0	8.8	12.1	13.1	5.0	6.8	7.3
Louisville[1]	431.5	431.0	430.8	36.6	50.3	48.8	8.5	11.7	11.3
Owensboro	43.8	40.3	40.1	3.2	3.8	3.7	7.4	9.5	9.3
LOUISIANA	1,881.1	1,902.8	1,897.1	164.8	225.5	208.9	8.8	11.8	11.0
Alexandria	73.9	73.6	73.5	8.3	9.1	8.4	11.2	12.4	11.4
Baton Rouge	230.8	226.6	225.6	20.1	24.6	21.5	8.7	10.9	9.5
Lafayette	92.8	98.0	99.3	4.1	6.3	5.6	4.5	6.4	5.6
Lake Charles	82.7	80.0	79.2	7.3	13.3	11.7	8.8	16.6	14.8
Monroe	58.2	55.6	55.6	6.3	7.8	7.4	10.9	14.0	13.2
New Orleans	522.8	516.6	512.8	42.3	56.3	49.7	8.1	10.9	9.7
Shreveport	166.4	165.0	160.1	14.4	17.5	15.4	8.7	10.6	9.6
MAINE	532.6	542.1	540.9	43.7	48.4	52.6	8.2	8.9	9.7
Lewiston – Auburn	38.3	39.3	38.9	4.0	4.0	5.8	10.6	10.1	14.9
Portland	92.9	96.4	96.1	6.0	6.6	6.8	6.5	6.7	7.1
MARYLAND	2,186.8	2,228.8	2,226.8	136.6	200.4	182.0	7.2	9.0	8.6
Baltimore	1,081.0	1,114.9	1,108.7	89.1	117.3	111.0	8.2	10.5	10.0

See footnotes at end of table.

D-1. Labor force and unemployment by State and selected metropolitan areas—Continued

(Numbers in thousands)

State and area	Labor force			Unemployment					
				Number			Percent of labor force		
	JUL. 1981	JUN. 1982	JUL. 1982P	JUL. 1981	JUN. 1982	JUL. 1982P	JUL. 1981	JUN. 1982	JUL. 1982P
MASSACHUSETTS[1]	3,003.4	3,050.0	3,108.1	198.0	274.7	299.2	6.6	9.0	9.6
Boston	1,446.3	1,461.0	1,485.5	88.7	115.2	120.9	6.1	7.9	8.1
Brockton	83.2	84.4	84.4	7.1	9.7	9.8	8.6	11.5	11.6
Fall River[1]	74.0	76.2	74.4	6.5	9.1	10.4	8.8	12.0	14.0
Lawrence—Haverhill[1]	148.9	149.8	153.1	10.1	14.8	18.2	6.8	9.9	11.9
Lowell	130.2	132.7	134.6	8.5	10.9	11.5	6.5	8.2	8.5
New Bedford	87.8	86.7	90.3	7.9	11.3	14.0	9.0	13.1	15.5
Springfield—Chicopee—Holyoke	282.3	292.1	299.7	18.5	26.6	28.3	6.5	9.1	9.4
Worcester	202.1	204.9	213.1	12.6	19.9	24.1	6.3	9.7	11.3
MICHIGAN[1]	4,402.0	4,337.9	4,405.6	527.2	620.2	648.3	12.0	14.3	14.7
Ann Arbor	143.2	143.3	146.0	12.8	14.3	15.7	8.9	10.0	10.7
Battle Creek	82.3	86.2	86.8	9.1	13.1	15.4	11.1	15.5	17.8
Bay City	53.9	55.6	55.8	5.9	8.3	7.3	10.9	14.9	13.1
Detroit	2,038.1	1,985.0	2,015.2	252.0	286.2	306.8	12.6	14.8	15.2
Flint	227.1	229.9	230.8	33.0	42.7	41.0	14.5	18.6	17.8
Grand Rapids	329.6	334.8	339.1	30.3	37.5	39.1	9.2	11.2	11.5
Jackson	68.2	67.9	68.8	8.0	10.0	11.2	11.8	14.7	16.3
Kalamazoo—Portage	141.0	141.6	142.3	12.3	15.8	14.9	8.8	11.1	10.5
Lansing—East Lansing	251.9	247.7	249.0	28.6	29.4	30.8	11.4	12.0	12.4
Muskegon—Norton Shores—Muskegon Heights	81.3	82.4	83.2	10.4	14.4	14.2	12.8	17.6	17.0
Saginaw	104.2	104.8	105.0	12.8	16.4	15.9	12.3	15.6	15.2
MINNESOTA	2,189.1	2,208.5	2,182.2	106.3	160.3	160.7	4.9	7.3	7.4
Duluth—Superior[1]	114.2	113.7	115.0	7.8	17.2	21.9	6.9	15.1	19.1
Minneapolis—St. Paul	1,155.9	1,171.4	1,147.9	48.8	74.6	72.1	4.2	6.4	6.3
Rochester	58.6	58.8	58.4	2.1	3.4	3.0	3.7	5.8	5.2
St. Cloud	76.2	78.7	77.8	4.7	7.0	6.7	6.1	8.9	8.7
MISSISSIPPI	1,064.4	1,059.2	1,063.6	91.8	123.1	130.8	8.6	11.6	12.3
Jackson	140.9	140.8	139.0	10.4	13.0	13.8	6.5	8.1	8.7
MISSOURI	2,337.7	2,390.6	2,373.2	179.0	209.1	210.9	7.7	8.7	8.9
Kansas City[1]	690.2	688.8	681.7	43.6	58.4	52.3	6.3	8.5	7.7
St. Joseph	44.7	44.9	45.3	3.9	4.2	4.3	8.6	9.3	9.5
St. Louis[1]	1,133.7	1,147.9	1,149.7	94.8	109.5	110.3	8.4	9.5	9.6
Springfield	107.8	108.9	115.0	6.6	6.7	8.3	6.1	6.1	7.2
MONTANA	397.4	396.5	390.6	25.8	35.9	32.9	6.5	9.1	8.4
Billings	58.9	N.A.	59.9	3.0	N.A.	4.1	5.2	N.A.	6.8
Great Falls	34.8	N.A.	36.3	2.8	N.A.	3.0	8.0	N.A.	8.2
NEBRASKA	796.5	803.9	795.9	31.3	46.9	46.7	3.9	5.8	5.9
Lincoln	107.9	112.8	108.7	4.1	6.1	5.6	3.8	5.4	5.1
Omaha[1]	281.2	288.2	282.2	15.6	21.2	20.7	5.5	7.3	7.3
NEVADA	470.4	490.9	490.0	31.6	43.4	48.2	6.7	8.8	9.8
Las Vegas	259.2	272.8	271.3	20.2	28.8	30.1	7.8	10.6	11.1
Reno	129.6	134.7	135.2	8.5	9.3	10.4	6.6	6.9	7.7
NEW HAMPSHIRE	496.7	493.1	502.1	29.6	36.0	45.6	6.0	7.3	9.1
Manchester	85.6	85.5	87.7	6.2	6.5	10.3	7.3	7.6	12.0
Nashua	84.0	85.3	86.4	4.5	6.5	6.3	5.4	7.6	7.3
NEW JERSEY	3,635.8	3,667.2	3,711.1	248.7	314.2	341.9	6.8	8.6	9.2
Atlantic City	121.4	124.5	129.1	8.4	11.4	10.1	6.9	9.2	7.9
Jersey City	241.6	248.2	249.2	23.1	33.1	31.3	10.4	13.3	12.6
Long Branch—Asbury Park	252.2	257.5	262.8	13.6	21.1	20.2	5.2	8.2	7.7
New Brunswick—Perth Amboy—Sayreville	331.1	334.7	340.5	20.3	27.4	28.6	6.1	8.2	8.4
Newark	968.0	985.8	996.2	65.1	80.9	80.7	6.7	8.2	8.1
Paterson—Clifton—Passaic	209.7	212.3	214.5	18.8	23.3	24.2	9.0	11.0	11.3
Trenton	159.1	159.9	161.3	9.1	12.6	13.1	5.7	7.9	8.1
Vineland—Millville—Bridgeton	59.5	59.9	60.3	6.9	9.7	9.7	11.6	16.2	16.1
NEW MEXICO	580.7	589.4	596.4	41.2	59.7	60.0	7.1	10.1	10.1
Albuquerque	213.2	215.5	218.2	15.4	19.0	19.3	7.2	8.8	8.8
Las Cruces	34.5	37.1	37.1	2.9	4.2	4.2	8.1	11.1	11.2

See footnotes at end of table.

STATE AND AREA UNEMPLOYMENT DATA

D-1. Labor force and unemployment by State and selected metropolitan areas—Continued

(Numbers in thousands)

State and area	Labor force			Unemployment					
				Number			Percent of labor force		
	JUL. 1981	JUN. 1982	JUL. 1982P	JUL. 1981	JUN. 1982	JUL. 1982P	JUL. 1981	JUN. 1982	JUL. 1982P
NEW YORK[2]	8,191.7	8,128.5	8,243.9	637.0	694.6	699.8	7.8	8.5	8.5
Albany—Schenectady—Troy	379.3	382.0	385.0	22.2	26.3	26.3	5.9	6.9	6.8
Binghamton[1]	139.3	144.9	144.6	9.3	11.3	11.1	6.7	7.8	7.7
Buffalo	569.6	565.6	568.4	52.6	68.8	70.9	9.2	12.2	12.5
Elmira	39.6	39.7	39.9	3.0	5.0	4.9	7.5	12.6	12.3
Nassau-Suffolk	1,347.4	1,356.2	1,383.7	83.4	84.9	89.6	6.2	6.3	6.5
New York	3,771.0	3,689.1	3,738.0	333.2	334.8	333.5	8.8	9.1	8.9
New York City[2]	3,140.0	3,059.0	3,095.0	302.0	303.0	301.0	9.6	9.9	9.7
Poughkeepsie	112.4	114.7	116.2	6.5	7.1	6.4	5.7	6.2	5.5
Rochester	476.4	485.0	492.3	28.0	34.0	34.6	5.9	7.0	7.0
Syracuse	300.8	302.0	304.3	19.9	24.5	24.4	6.6	8.1	8.0
Utica—Rome	137.4	138.5	141.8	10.0	11.8	12.9	7.3	8.5	9.1
NORTH CAROLINA	2,954.8	2,985.3	2,991.1	187.3	274.4	292.4	6.3	9.2	9.8
Asheville	93.2	93.1	93.9	5.6	6.8	7.0	6.0	7.3	7.5
Charlotte—Gastonia	374.8	381.2	381.9	18.4	26.2	29.1	4.9	6.9	7.6
Greensboro—Winston-Salem—High Point	450.9	461.6	456.2	26.6	42.8	36.4	5.9	9.3	8.0
Raleigh—Durham	309.8	317.1	313.4	12.0	14.0	13.7	3.9	4.4	4.3
NORTH DAKOTA	335.6	325.6	333.4	16.0	15.3	15.4	4.8	4.7	4.6
Fargo—Moorehead[1]	72.4	73.2	72.1	4.0	3.6	3.4	5.5	4.9	4.8
OHIO[2]	5,221.1	5,250.9	5,260.3	495.4	643.5	646.0	9.5	12.3	12.2
Akron	308.2	305.4	311.1	29.4	35.4	37.6	9.6	11.6	12.1
Canton	193.8	196.5	201.6	18.3	25.7	29.1	9.5	13.1	14.4
Cincinnati[1]	691.1	N.A.	N.A.	63.0	N.A.	N.A.	9.1	N.A.	N.A.
Cleveland	960.4	953.0	959.0	82.6	103.2	102.9	8.6	10.8	10.7
Columbus	573.9	582.0	581.8	45.8	53.8	52.9	8.0	9.2	9.1
Dayton	397.4	402.2	401.3	35.2	46.1	44.6	8.9	11.5	11.1
Toledo[1]	374.6	374.5	374.6	40.3	44.7	47.0	10.8	11.9	12.5
Youngstown—Warren	237.6	244.2	243.7	25.3	44.6	44.3	10.7	18.2	18.2
OKLAHOMA	1,449.7	1,510.3	1,492.2	49.3	86.1	89.0	3.4	5.7	6.0
Enid	31.0	30.0	29.6	.9	1.4	1.6	3.0	4.8	5.5
Lawton	34.3	35.5	35.0	1.4	1.9	1.9	4.0	5.3	5.4
Oklahoma City	446.5	473.5	464.9	13.5	24.0	22.8	3.0	5.1	4.9
Tulsa	358.8	371.3	368.8	12.0	23.5	24.6	3.4	6.3	6.7
OREGON	1,347.7	1,329.9	1,312.1	121.4	145.1	135.8	9.0	10.9	10.3
Eugene—Springfield	137.2	136.0	130.7	14.2	15.9	15.1	10.3	11.7	11.5
Portland[1]	665.5	657.8	653.1	52.1	65.2	62.0	7.8	9.9	9.5
Salem	128.8	128.0	130.5	9.8	12.4	10.8	7.6	9.7	8.3
PENNSYLVANIA[2]	5,597.0	5,457.5	5,585.0	454.7	563.2	596.2	8.1	10.3	10.7
Allentown—Bethlehem—Easton[1]	320.3	309.7	313.2	25.8	29.0	31.6	8.0	9.4	10.1
Altoona	60.5	57.2	58.5	6.9	5.7	5.5	11.3	9.9	9.4
Erie	128.4	123.5	127.1	13.8	14.4	15.2	10.7	11.7	11.9
Harrisburg	242.7	238.3	246.6	14.2	13.0	13.9	5.8	5.5	6.4
Johnstown	108.9	105.5	109.0	12.2	15.9	18.9	11.2	15.0	17.3
Lancaster	188.4	186.2	189.3	9.8	12.7	14.1	5.2	6.8	7.4
Northeast Pennsylvania	295.0	283.4	290.4	28.3	28.1	33.4	9.6	9.9	11.5
Philadelphia[1]	2,228.1	2,174.7	2,221.5	170.6	185.3	186.6	7.7	8.5	8.4
Pittsburgh	1,061.4	1,033.9	1,058.8	73.7	123.8	130.8	6.9	12.0	12.4
Reading	161.2	159.2	159.9	13.8	14.9	15.8	8.6	9.4	9.9
Williamsport	55.6	52.4	52.8	7.3	5.5	6.4	13.1	10.5	12.1
York	183.6	182.5	185.5	14.7	22.2	20.9	8.0	12.2	11.3
RHODE ISLAND	477.6	479.3	478.3	41.1	44.7	49.9	8.6	9.3	10.4
Providence—Warwick—Pawtucket[1]	469.3	472.6	470.6	40.8	46.4	52.2	8.7	9.8	11.1
SOUTH CAROLINA	1,443.2	1,513.5	1,492.2	125.5	174.0	175.2	8.7	11.5	11.7
Charleston—North Charleston	174.8	189.7	184.3	14.6	17.7	17.4	8.3	9.3	9.4
Columbia	185.2	194.6	193.9	11.9	13.6	16.6	6.4	7.0	8.5
Greenville—Spartanburg	285.0	303.8	295.8	21.8	32.2	30.7	7.7	10.6	10.4
SOUTH DAKOTA	348.3	341.8	335.4	17.0	18.1	15.3	4.9	5.3	4.5
Sioux Falls	62.3	62.4	61.0	3.1	3.3	2.3	5.0	5.3	3.8
TENNESSEE	2,108.7	2,103.2	2,121.2	188.9	234.8	246.7	9.0	11.2	11.6
Chattanooga[1]	197.7	206.2	206.1	16.6	24.9	25.1	8.4	12.1	12.2
Knoxville	224.5	230.8	231.8	16.5	17.7	18.3	7.3	7.7	7.9
Memphis[1]	409.1	407.0	N.A.	35.1	40.4	N.A.	8.6	9.9	N.A.
Nashville—Davidson	431.6	421.0	423.9	29.3	36.3	36.2	6.8	8.6	8.5

See footnotes at end of table

STATE AND AREA UNEMPLOYMENT DATA

D-1. Labor force and unemployment by State and selected metropolitan areas—Continued

(Numbers in thousands)

State and area	Labor force			Unemployment					
				Number			Percent of labor force		
	JUL. 1981	JUN. 1982	JUL. 1982P	JUL. 1981	JUN. 1982	JUL. 1982P	JUL. 1981	JUN. 1982	JUL. 1982P
TEXAS[1]	7,141.6	7,400.2	7,393.7	391.3	572.2	542.4	5.5	7.7	7.3
Dallas—Fort Worth	1,677.5	1,757.9	1,752.9	87.7	126.9	110.2	5.2	7.2	6.3
Houston	1,687.2	1,753.7	1,756.4	77.5	125.1	125.3	4.6	7.1	7.1
San Antonio	463.1	478.0	475.8	31.8	42.3	38.1	6.9	8.9	8.0
UTAH	646.6	672.7	669.8	40.7	49.7	49.9	6.3	7.4	7.5
Salt Lake City—Ogden	426.6	437.4	436.7	27.0	31.3	31.2	6.3	7.2	7.1
VERMONT	263.8	266.5	272.5	15.0	19.1	18.9	5.7	7.2	6.9
VIRGINIA	2,638.7	2,673.3	2,662.5	163.1	197.9	202.9	6.2	7.4	7.6
Lynchburg	73.8	76.4	76.1	4.8	6.3	6.3	6.5	8.2	8.3
Newport News—Hampton	170.5	173.6	173.1	11.4	11.5	11.0	6.7	6.6	6.4
Norfolk—Virginia Beach—Portsmouth[1]	341.2	345.3	346.0	22.0	24.7	24.7	6.4	7.2	7.1
Petersburg—Colonial Heights—Hopewell	57.7	60.6	59.3	4.8	5.2	5.2	8.3	8.6	8.8
Richmond	336.3	344.1	340.8	15.1	20.5	20.0	4.5	6.0	5.9
Roanoke	112.6	112.7	112.9	7.0	8.0	9.1	6.2	7.1	8.1
WASHINGTON	2,001.4	2,019.8	2,002.6	185.2	246.6	244.6	9.3	12.2	12.2
Seattle—Everett	867.6	880.2	876.4	68.9	95.5	96.7	7.9	10.9	11.0
Spokane	148.6	149.8	148.3	14.2	18.3	18.7	9.6	12.2	12.6
Tacoma	177.8	182.1	183.9	16.8	23.0	23.3	9.4	12.6	12.7
WEST VIRGINIA	796.2	781.7	793.3	77.0	96.4	108.7	9.7	12.3	13.7
Charleston	126.4	125.9	127.2	9.9	10.9	11.9	7.7	8.6	9.4
Huntington—Ashland[1]	129.1	125.5	N.A.	13.7	16.5	N.A.	10.6	13.2	N.A.
Parkersburg—Marietta[1]	76.8	74.9	76.0	6.4	9.8	10.3	8.6	13.1	13.5
Wheeling[1]	83.9	83.6	84.2	6.8	10.2	11.0	8.1	12.2	13.1
WISCONSIN	2,396.6	2,462.8	2,470.3	171.9	230.9	249.2	7.2	10.2	10.1
Appleton—Oshkosh	149.5	154.6	153.4	10.1	16.3	14.9	6.7	10.5	9.7
Eau Claire	58.1	60.4	60.1	4.3	5.6	5.2	7.4	9.3	8.6
Green Bay	91.4	95.1	95.2	6.8	9.0	8.9	7.4	9.5	9.4
Janesville—Beloit	72.5	75.9	74.4	7.6	11.3	10.4	10.5	14.9	14.0
Kenosha	58.9	54.9	60.4	5.0	5.5	5.4	8.5	10.0	9.0
LaCrosse	48.4	50.4	50.2	3.2	4.0	4.2	6.6	7.9	8.4
Madison	183.5	191.3	193.7	9.7	13.1	12.3	5.3	6.8	6.3
Milwaukee	719.3	743.2	739.1	50.4	76.8	75.7	7.0	10.3	10.2
Racine	87.0	87.8	87.7	7.5	12.2	12.1	8.6	13.9	13.8
WYOMING	261.3	268.4	262.4	9.3	14.2	14.7	3.5	5.3	5.6

[1] Includes interstate portion of area located in adjacent State.

[2] Data are obtained directly from the Current Population Survey. (See "Explanatory Notes" for State and Area Unemployment Data in Employment and Earnings, monthly.)

NOTE: Estimates for 1981 have been benchmarked to 1981 Current Population Survey annual averages. Except in the 10 States and 2 areas designated by footnote 2, estimates for 1982 are provisional and will be revised when new benchmark information becomes available. Data refer to place of residence.

p = preliminary.

N.A. = not available.

SOURCE: Current Population Survey and Cooperating State Employment Security Agencies listed on inside back cover.

Labor force and unemployment estimates for counties, cities, and other small areas have been prepared for administration of various Federal economic assistance programs and may be ordered from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. The report "Employment and Unemployment in States and Local Areas" is published monthly through GPO and is available on microfiche only on a subscription basis.

Explanatory Notes

Introduction

The statistics in this periodical are compiled from two major sources: (1) Household interviews, and (2) reports from employers.

Data based on household interviews are obtained from a sample survey of the population 16 years of age and over. The survey is conducted each month by the Bureau of the Census for the Bureau of Labor Statistics and provides comprehensive data on the labor force, the employed, and the unemployed, including such characteristics as age, sex, race, family relationship, marital status, occupation, and industry attachment. The survey also provides data on the characteristics and past work experience of those not in the labor force. The information is collected by trained interviewers from a sample of about 60,000 households, representing 629 areas in 1,148 counties and independent cities, with coverage in 50 States and the District of Columbia. The data collected are based on the activity or status reported for the calendar week including the 12th of the month.

Data based on establishment records are compiled each month from mail questionnaires by the Bureau of Labor Statistics, in cooperation with State agencies. The establishment survey is designed to provide industry information on nonagricultural wage and salary employment, average weekly hours, average hourly earnings, and average weekly earnings for the Nation, States, and metropolitan areas. The employment, hours, and earnings series are based on payroll reports from a sample of establishments employing over 30 million nonagriculhural wage and salary workers. The data relate to all workers, full- or part-time, who received pay during the payroll period which includes the 12th day of the month.

RELATION BETWEEN THE HOUSEHOLD AND ESTABLISHMENT SERIES

The household and establishment data supplement one another, each providing significant types of information that the other cannot suitably supply. Population characteristics, for example, are readily obtained only from the household survey whereas detailed industrial classifications can be reliably derived only from establishment reports.

Data from these two sources differ from each other because of differences in definitions and coverage, sources of information, methods of collection, and estimating procedures. Sampling variability and response errors are additional reasons for discrepancies. The major factors which have a differential effect on levels and trends of the two series are as follows.

Employment

Coverage. The household survey definition of employment comprises wage and salary workers (including domestics and other private household workers), self-employed persons, and unpaid workers who worked 15 hours or more during the survey week in family-operated enterprises. Employment in both agricultural and nonagricultural industries is included. The payroll survey covers only wage and salary employees on the payrolls of nonagricultural establishments.

Multiple jobholding. The household approach provides information on the work status of the population without duplication, since each person is classified as employed, unemployed, or not in the labor force. Employed persons holding more than one job are counted only once and are classified according to the job at which they worked the greatest number of hours during the survey week. In the figures based on establishment reports, persons who worked in more than one establishment during the reporting period are counted each time their names appear on payrolls.

Unpaid absences from jobs. The household survey includes among the employed all persons who had jobs but were not at work during the survey week—that is, were not working but had jobs from which they were temporarily absent because of illness, bad weather, vacation, labor-management dispute, or because they were taking time off for various other reasons, even if they were not paid by their employers for the time off. In the figures based on payroll reports, persons on leave paid for by the company are included, but not those on leave without pay for the entire payroll period.

For a comprehensive discussion of the differences between household and establishment survey employment data, see Gloria P. Green's article "Comparing Employment Estimates from Household and Payroll Surveys," *Monthly Labor Review*, December 1969.

Hours of work

The household survey measures hours actually worked whereas the payroll survey measures hours paid for by employers. In the household survey data, all persons with a job but not at work are excluded from the hours distributions and the computations of average hours. In the payroll survey, production or nonsupervisory employees on paid vacation, paid holiday, or paid sick leave are included and assigned the number of hours for which they were paid during the reporting period.

Earnings

The household survey measures median earnings of wage and salary workers in all occupations and industries in both the private and public sectors. Data refer to the usual earnings received from the worker's sole or primary job. Data from the establishment survey generally refer to mean earnings of production and related workers in mining and manufacturing, construction workers in construction, and nonsupervisory employees in private service-producing industries. For a comprehensive discussion of the household survey earnings series, see "Technical Description of the Quarterly Data on Weekly Earnings from the Current Population Survey," BLS Bulletin 2113.

COMPARABILITY OF THE HOUSEHOLD DATA WITH OTHER SERIES

Unemployment insurance data. The unemployed total from the household survey includes all persons who did not have a job at all during the survey week and were looking for work or were waiting to be called back to a job from which they had been laid off, whether or not they were eligible for unemployment insurance. Figures on unemployment insurance claims, prepared by the Employment and Training Administration of the Department of Labor, exclude persons

who have exhausted their benefit rights, new workers who have not earned rights to unemployment insurance, and persons losing jobs not covered by unemployment insurance systems (some workers in agriculture, domestic services, and religious organizations, and self employed and unpaid family workers). Beginning in January 1978, coverage was extended to include domestic workers whose employers paid $1,000 or more in wages in any calendar quarter, agricultural employees whose employers engaged 10 or more workers in 20 weeks or paid a total $20,000 or more in wages in any calendar quarter, and almost all State and local government employees.

In addition, the qualifications for drawing unemployment compensation differ from the definition of unemployment used in the household survey. For example, persons with a job but not at work and persons working only a few hours during the week are sometimes eligible for unemployment compensation but are classified as employed rather than unemployed in the household survey.

For an examination of the similarities and differences between State insured unemployment and total unemployment, see "Measuring Total and State Insured Unemployment" by Gloria P. Green in the June 1971 issue of the *Monthly Labor Review*.

Agricultural employment estimates of the Department of Agriculture. The principal differences in coverage are the inclusion of persons under 16 in the Statistical Research Service (SRS) series and the treatment of dual jobholders who are counted more than once if they work on more than one farm during the reporting period. There are also wide differences in sampling techniques and collecting and estimating methods, which cannot be readily measured in terms of impact on differences in level and trend of the two series.

COMPARABILITY OF THE PAYROLL EMPLOYMENT DATA WITH OTHER SERIES

Statistics on manufactures and business, Bureau of the Census. BLS establishment statistics on employment differ from employment counts derived by the Bureau of Census from its censuses or annual sample survey of manufacturing establishments and the censuses of business establishments. The major reasons for some noncomparability are different treatment of business units considered parts of an establishment, such as central administrative offices and auxiliary units, the industrial classification of establishments, and different reporting patterns by multiunit companies. There are also differences in the scope of the industries covered, e.g., the Census of Business excludes professional services, public utilities, and financial establishments, whereas these are included in the BLS statistics.

County Business Patterns. Data in County Business Patterns (CBP), published by the Bureau of the Census, U.S. Department of Commerce, differ from BLS establishment statistics in the treatment of central administrative offices and auxiliary units. Differences may also arise because of industrial classification and reporting practices. In addition, CBP excludes interstate railroads and government, and coverage is incomplete for some of the nonprofit activities.

Employment covered by State unemployment insurance programs. Most nonagricultural wage and salary workers are covered by the unemployment insurance programs. Beginning in January 1972, coverage was expanded to include employees of small firms and selected nonprofit activities who had not been covered previously. However, certain activities, such as interstate railroads, parochial schools, and churches are not covered by unemployment insurance whereas these are included in the BLS establishment statistics. Beginning in January 1978, coverage was extended to include domestic workers whose employers paid $1,000 or more in wages in any calendar quarter, agricultural employees whose employers engaged 10 or more workers in 20 weeks or paid a total of $20,000 or more in wages in any calendar quarter, and almost all State and local government employees.

Household Data (A tables)

COLLECTION AND COVERAGE

Statistics on the employment status of the population, the personal, occupational, and other characteristics of the employed, the unemployed, and persons not in the labor force, and related data are compiled for the BLS by the Bureau of the Census in its Current Population Survey (CPS). A detailed description of this survey appears in *Concepts and Methods Used in Labor Force Statistics Derived from the Current Population Survey*, BLS Report 463. This report is available from BLS upon request.

These monthly surveys of the population are conducted with a scientifically selected sample designed to represent the civilian noninstitutional population. Respondents are interviewed to obtain information about the employment status of each member of the household 16 years of age and over. Separate statistics are also collected and published for 14- and 15-year-olds. The inquiry relates to activity or status during the calendar week, Sunday through Saturday, which includes the 12th of the month. This is known as the survey week. Actual field interviewing is conducted in the following week.

Inmates of institutions, members of the Armed Forces, and persons under 14 years of age are not covered in the regular monthly enumerations and are excluded from the population and labor force statistics shown in this report. Data on members of the Armed Forces, who are included as part of the categories "total noninstitutional population" and "total labor force," are, however, obtained from the Department of Defense.

Each month about 60,000 occupied units are eligible for interview. About 2,500 of these households are visited but interviews are not obtained because the occupants are not at home after repeated calls or are unavailable for other reasons. This represents a noninterview rate for the survey of between 4 or 5 percent. In addition to the 60,000 occupied units, there are 11,000 sample units in an average month which are visited but found to be vacant or otherwise not to be enumerated. Part of the sample is changed each month. The rotation plan provides for three-fourths of the sample to be common from 1 month to the next and one-half to be common with the same month a year earlier.

Beginning in September 1975, the sample was enlarged by 9,000 households in order to provide greater reliability for smaller States and thus permit the publication of annual statistics for all 50 States and the District of Columbia. These supplementary households were added to the national 47,000 household sample in January 1978.

Over the period November 1978 to April 1979 the sample was again enlarged by 9,000 households. These supplementary households were added to the 56,000 household sample in January 1980.

Beginning in May 1981, the sample size was cut by about 6,000 occupied housing units. The reduction did not affect the ability to

publish reliable State and local estimates and had practically no effect on the reliability of national estimates.

Beginning in January 1982, the sample was expanded by about 100 households in 15 counties. The expanded sample provides sufficient coverage of counties added to 7 of the 30 largest SMSA's redefined in 1973. The additional sample had practically no effect on the reliability of national or State estimates.

CONCEPTS

Employed persons comprise (a) all those who during the survey week did any work at all as paid employees, in their own business, profession, or farm, or who worked 15 hours or more as unpaid workers in an enterprise operated by a member of the family, and (b) all those who were not working but who had jobs or businesses from which they were temporarily absent because of illness, bad weather, vacation, labor-management dispute, or personal reasons, whether or not they were paid by their employers for the time off, and whether or not they were seeking other jobs.

Each employed person is counted only once. Those who held more than one job are counted in the job at which they worked the greatest number of hours during the survey week.

Included in the total are employed citizens of foreign countries, temporarily in the United States, who are not living on the premises of an embassy.

Excluded are persons whose only activity consisted of work around the house (such as home housework, and painting or repairing own home) or volunteer work for religious, charitable, and similar organizations.

Unemployed persons comprise all persons who did not work during the survey week, who made specific efforts to find a job within the past 4 weeks, and who were available for work during the survey week (except for temporary illness). Also included as unemployed are those who did not work at all, were available for work, and (a) were waiting to be called back to a job from which they had been laid off; or (b) were waiting to report to a new wage or salary job within 30 days.

Duration of unemployment represents the length of time (through the current survey week) during which persons classified as unemployed had been continuously looking for work. For persons on layoff, duration of unemployment represents the number of full weeks since the termination of their most recent employment. A period of 2 weeks or more during which a person was employed or ceased looking for work is considered to break the continuity of the present period of seeking work. Measurements of mean and median duration are computed from a distribution of single weeks of unemployment.

Unemployed persons by reasons for unemployment are divided into four major groups. (1) Job losers are persons whose employment ended involuntarily who immediately began looking for work and persons on layoff. (2) Job leavers are persons who quit or otherwise terminated their employment voluntarily and immediately began looking for work. (3) Reentrants are persons who previously worked at a full-time job lasting 2 weeks or longer but were out of the labor force prior to beginning to look for work. (4) New entrants are persons who never worked at a full-time job lasting 2 weeks or longer.

Jobseekers are all unemployed persons who made specific efforts to find a job, sometime during the 4-week period preceding the survey week. Jobseekers do not include persons unemployed because they (a) were waiting to be called back to a job from which they had been laid off or (b) were waiting to report to a new wage or salary job within 30 days. Jobseekers are grouped by the methods used to seek work, including going to a public or private employment agency or to an employer directly, seeking assistance from friends or relatives, placing or answering ads, or utilizing some "other" method. Examples of the "other" category include being on a union or professional register, obtaining assistance from a community organization, or waiting at a designated pick-up point.

The *civilian labor force* comprises the total of all civilians classified as employed or unemployed in accordance with the criteria described above. The "total labor force" also includes members of the Armed Forces stationed either in the United States or abroad.

The unemployment rate represents the number unemployed as a percent of the civilian labor force. This measure can also be computed for groups within the labor force classified by sex, age, marital status, race, occupation, industry, etc. The job-loser, job-leaver, reentrant, and new entrant rates are each calculated as a percent of the civilian labor force; the sum of the rates for the four groups thus equals the total unemployment rate.

Participation rates represent the proportion of the noninstitutional population that is in the labor force. Two types of participation rates are published. The total labor force participation rate, which is the ratio of the total labor force and the total noninstitutional population; and the civilian labor force participation rate which is the ratio of the civilian labor force and the civilian noninstitutional population. Participation rates are usually published for sex-age groups, often cross-classified by other demographic characteristics such as race and educational attainment.

Employment-population ratios represent the proportion of the total noninstitutional population that is employed.

Not in labor force includes all civilians 16 years and over who are not classified as employed or unemployed. These persons are further classified as "engaged in own home housework," in school," "unable to work" because of long-term physical or mental illness, and "other." The "other" group includes for the most part retired persons, those reported as too old to work, the voluntarily idle, and seasonal workers for whom the survey week fell in an "off" season and who were not reported as unemployed. Persons doing only incidental unpaid family work (less than 15 hours) are also classified as not in the labor force.

For persons not in the labor force, data on previous work experience, intentions to seek work again, desire for a job at the time of interview, and reasons for not looking for work are compiled on a quarterly basis. As of January 1970, the detailed questions for persons not in the labor force are asked only in those households that are in the fourth and eighth months of the sample, i.e., the "outgoing" groups, those which had been in the sample for 3 previous months and would not be in for the subsequent month. Between 1967 and 1969, the detailed not-in-labor force questions were asked of persons in the first and fifth months in the sample, i.e., the "incoming" groups.

Occupation, industry, and class of worker for the employed apply to the job held in the survey week. Persons with two or more jobs are classified in the job at which they worked the greatest number of hours during the survey week. The unemployed are classified according to their last full-time civilian job lasting 2 weeks or more. The occupation and industry groups used in the CPS are defined as in the 1970 Census of Population. Information on the detailed categories included in these groups is available upon request.

The class-of-worker breakdown specifies "wage and salary workers," subdivided into private and government workers, "self-employed workers," and "unpaid family workers." Wage and salary workers receive wages, salary, commission, tips, or pay in kind from a private employer or from a government unit. Self-employed persons are those who work for profit or fees in their own business, profession, or trade, or operate a farm. Unpaid family workers are persons working without pay for 15 hours a week or more on a farm or in a business operated by a member of the household to whom they are related by blood or marriage.

Hours of work statistics relate to the actual number of hours worked during the survey week. For example, a person who normally works 40 hours a week but who was off on the Columbus Day holiday would be reported as working 32 hours even though he/she was paid for the holiday.

For persons working in more than one job, the figures relate to the number of hours worked in all jobs during the week. However, all the hours are credited to the major job.

The distribution of employment by hours worked relates to persons "at work" during the survey week. At work data differ from data on total employment because the latter include persons in the zero-hours worked category, "with a job but not at work." Included in this latter group are persons who were on vacation, ill, involved in a labor dispute, or otherwise absent from their jobs for voluntary, noneconomic reasons.

Persons who worked 35 hours or more in the survey week are designated as working "full time," correspondingly persons who worked between 1 and 34 hours are designated as working "part time." Part-time workers are classified by their usual status at their present job (either full or part time) and by their reason for working part time during the survey week (economic or other reasons). "Economic reasons" include: Slack work, material shortages, repairs to plant or equipment, start or termination of a job during the week, and inability to find full-time work. "Other reasons" include: Labor dispute, bad weather, own illness, vacation, demands of home, housework, school, no desire for full-time work, and full-time worker only during the peak season. Persons on full-time schedules include, in addition to those working 35 hours or more, those who worked from 1 to 34 hours for noneconomic reasons and usually work full time.

The *full-time labor force* consists of persons working on full-time schedules, persons involuntarily working part-time (part time for economic reasons), and unemployed persons seeking full-time jobs. The *part-time labor force* consists of persons working part time voluntarily and unemployed persons seeking part-time work. Persons with a job but not at work during the survey week are classified according to whether they usually work full or part-time.

Labor force time lost is a measure of aggregate hours lost to the economy through unemployment and involuntary part-time employment and is expressed as a percent of potentially available aggregate hours. It is computed by assuming: (1) That unemployed persons looking for full-time work lost an average of 37.5 hours (2) that those looking for part-time work lost the average number of hours actually worked by voluntary part-time workers during the survey week, and (3) that persons on part time for economic reasons lost the difference between 37.5 hours and the actual number of hours they worked.

White and black and other are terms used to describe the race of workers. The "black-and-other category," includes all persons who identified themselves in the enumeration process to be other than white. At the time of the 1980 Census of Population, 83 percent of the black-and-other civilian noninstitutional population 16 years and over were black; the remainder were primarily American Indians, Alaskan Natives, and Asians and Pacific Islanders. The term "black" is used in this volume when the relevant data are provided exclusively for the black population.

Hispanic origin refers to persons who identified themselves in the enumeration process as Mexican, Puerto Rican living on the mainland, Cuban, Central or South American, or of other Hispanic origin or descent.

Major activity: going to school and major activity: other are terms used to describe whether the activity of young persons during the reference week is primarily one of going to school or not. Statistics on major activity are published every month in table A-7 for 16- to 21-year-olds by employment status, race, and sex, and, if unemployed, whether seeking full- or part-time work.

Vietnam-era veterans are those who served in the Armed Forces of the United States between August 5, 1964, and May 7, 1975. Tables for veterans in this volume are limited to males in the civilian noninstitutional population, i.e., veterans in institutions and females are excluded.

Nonveterans are males who never served in the Armed Forces.

The *poverty areas* classification consists of all Census geographical divisions in which 20 percent or more of the residents were poor according to the 1970 Decennial Cenus. Persons were classified as poor or nonpoor by using income thresholds adopted by a Federal interagency committee in 1969. These thresholds vary by family size, composition, and residence (farm-nonfarm). While poverty areas have a substantial concentration of low-income residents, many poor persons live outside these areas and, conversely, the areas include many people who are not poor.

The *metropolitan areas* classification consists of the total of all areas encompassed by Standard Metropolitan Statistical Areas (SMSA's). The metropolitan area total is based on the number of SMSA's as defined in the 1970 Decennial Census and does not include any subsequent additions or changes. Nonmetropolitan areas refer to the total of all areas outside SMSA's. The nonmetropolitan total is disaggregated into farm and nonfarm components.

Usual weekly earnings data are provided from responses to the question "How much does . . .USUALLY earn per week at this job before deductions?" Included are any overtime pay, commissions, or tips usually received. Data refer to the sole or primary job of wage and salary workers. The term "usual" is as perceived by the respondent. If the respondent asks for a definition of "usual," interviewers are instructed to define the term as more than half the weeks worked during the past 4 or 5 months.

A *household* consists of all persons—related family members and all unrelated persons—who occupy a housing unit. A house, an apartment, a group of rooms, or a single room are regarded as a housing unit when occupied or intended for occupancy as separate living quarters.

A *householder* is the person (or one of the persons) in whose name the housing unit is owned or rented. The term is never applied to either husbands or wives in married-couple families but only to persons in families maintained by either men or women without a spouse.

Family refers to a group of two or more persons residing together who are related by blood, marriage, or adoption; all such persons are considered as members of one family even though they may include a "subfamily," that is, a married couple or a parent-child group related by blood or marriage to the householder and sharing the living quarters. The counts of families used in this volume refer to primary families only, that is, all persons in the household who are related to the householder. Families are classified either as married-couple families or as those maintained by women or men without spouses. Data on the earnings of families exclude all those in which there is no wage or salary earner or in which the husband, wife, or other persons maintaining the family is either self-employed or in the Armed Forces.

HISTORIC COMPARABILITY

Raised lower age limit

Beginning with data for 1967, the lower age limit for official statistics on persons in the labor force was raised from 14 to 16 years. A detailed discussion of this and other definitional changes introduced at that time including estimates of their effect on the various series, is contained in "New Definitions for Employment and Unemployment" by Robert L. Stein in the February 1967 issue of *Employment and Earnings and Monthly Report on the Labor Force.*

Noncomparability of labor force levels

Before the changes introduced in 1967, the labor force data were not comparable for three earlier periods: (1) Beginning in 1953, as a result of the introduction of data from the 1950 census into the estimation procedure, population levels were raised by about 600,000; labor force, total employment, and agricultural employment by about 350,000, primarily affecting the figures for totals and males; other categories were relatively unaffected; (2) beginning in 1960, the inclusion of Alaska and Hawaii resulted in an increase of about 500,000 in the population and about 300,000 in the labor force, four-fifths of this in nonagricultural employment; other labor force categories were not appreciably affected; (3) beginning in 1962, the introduction of figures from the 1960 census reduced the population by about 50,000, labor force and employment by about 200,000; unemployment totals were

virtually unchanged. In addition, beginning in 1972, information from the 1970 census was introduced into the estimation procedures, producing an increase in the civilian noninstitutional population of about 800,000; labor force and employment totals were raised by a little more than 300,000, and unemployment levels and rates were essentially unchanged. A subsequent population adjustment based on the 1970 census was introduced in March 1973. This adjustment affected the white and black and other groups but had little effect on totals. The adjustment resulted in the reduction of nearly 300,000 in the white population and an increase of the same magnitude in the black and other population. Civilian labor force and total employment figures were affected to a lesser degree; the white labor force was reduced by 150,000, and the black and other labor force rose by about 210,000. Unemployment levels and rates were not significantly affected.

Beginning in January 1974, the methodology used to prepare independent estimates of the civilian noninstitutional population was modified to an "inflation-deflation" approach. This change in the derivation of the population estimates had its greatest impact on estimates of 20- to 24-year-old males—particularly those of the black-and-other population—but had little effect on 16 and over totals. Additional information on the adjustment procedure appears in "CPS Population Controls Derived from Inflation-Deflation Method of Estimation" in the February 1974 issue of *Employment and Earnings*.

Effective July 1975, as a result of the immigration of Vietnamese refugees into the United States, the total and black-and-other independent population controls for persons 16 years and over were adjusted upward by 76,000—30,000 males and 46,000 females. The addition of the refugees increased the black-and-other population by less than 1 percent in any age-sex group, and all of the changes were in the "other" population.

Beginning in 1978, the introduction of an expansion of the sample and revisions in the estimation procedures resulted in an increase of roughly a quarter of a million in the overall civilian labor force and employment totals; unemployment levels and rates were essentially unchanged. An explanation of the procedural changes and an indication of the differences appear in "Revisions in the Current Population Survey in January 1978" in the February 1978 issue of *Employment and Earnings*.

Beginning in October 1978, the race of the individual was determined by the household respondent for the incoming rotation group households, rather than determined by the interviewer as before. The purpose of this change was to provide more accurate estimates of characteristics by race. Thus, in October 1978, one-eighth of the sample households had race determined by the household respondent and seven-eighths of the sample households had race determined by interviewer observation. It was not until January 1980 that the entire sample had race determined by the household respondent. The new procedure had no significant effect on the estimates.

Beginning in 1979, the first-stage ratio estimation method was changed in the CPS estimation procedure. The new procedure is described in the *Estimating Methods* section. The reasoning behind the change and an indication of the differences appear in "Change in the Estimation Procedure for the Current Population Survey beginning in January 1979" in the February 1979 issue of *Employment and Earnings*. Differences between the old and new procedures exist only for metropolitan and nonmetropolitan estimates, not for the total U.S.

Beginning in January 1982, the second-stage ratio adjustment methodology was changed in the CPS estimation procedure. The new procedure is described in the *Estimating Methods* section. The purpose of the change and an indication of its effect on national estimates of labor force characteristics appear in "Revisions in the Current Population Survey in January 1982" in the February 1982 issue of *Employment and Earnings*. In addition, current population estimates used in the second-stage estimation procedure are derived from information obtained from the 1980 census, rather than the 1970 census. This change caused substantial increases in total population and estimates of persons in all labor force categories. Rates on labor force characteristics, however, remained virtually unchanged. Some 30,000 labor force series were adjusted back to 1970 to avoid major breaks in series. The adjustment procedure used is also described in the February 1982 article referenced above. The revisions did not, however, smooth out the breaks in series occurring between 1972 and 1979 that are described above, and data users should make allowances for them in making certain data comparisons.

Changes in the occupational classification system

Beginning with 1971, the comparability of occupational employment data was affected as a result of changes in census occupational classifications introduced into the Current Population Survey (CPS). These changes stemmed from an exhaustive review of the classification system to be used for the 1970 Census of Population. The purpose of this review, the most comprehensive since the 1940 census, was to reduce the size of larger groups, to be more specific about general and "not elsewhere classified" groups, and to provide information on emerging significant occupations. Differences in March 1970 employment levels tabulated on both the 1960 and 1970 classification systems ranged from a drop 650,000 in operatives to an increase of 570,000 in service workers, much of which resulted from a shift between these two groups; the nonfarm laborers group increased by 420,000, and changes in other groups amounted to 220,000 or less.

An additional major group was created by splitting the operatives category into two: Operatives, except transport, and transport equipment operatives. Separate data for these two groups first became available in January 1972. At the same time, several changes in titles, as well as in order of presentation, were introduced; for example, the title of the managers, officials, and proprietors group was changed to "managers and administrators, except farm," since only proprietors performing managerial duties are included in the category.

Apart from the effects of revisions in the occupational classification system beginning in 1971, comparability of occupational employment data was further affected in December 1971, when a question eliciting information on major activities or duties was added to the monthly CPS questionnaire in order to determine more precisely the occupational classification of individuals. This change resulted in several dramatic occupational shifts, particularly from managers and administrators to other groups. thus, meaningful comparisons of occupational levels cannot always be made for 1972 and subsequent years with earlier periods. However, revisions in the occupational classification system as well as in the CPS questionnaire are believed to have had but a negligible impact on unemployment rates.

Additional information on changes in the occupational classification system of the CPS appears in "Revisions in Occupational Classifications for 1971" and "Revisions in the Current Population Survey" in the February 1971 and February 1972 issues, respectively, of *Employment and Earnings*.

Changes in sample design

Since the inception of the survey, there have been various changes in the design of the CPS sample. Most of these changes were made in order to improve the efficiency of the sample design and/or to increase the reliability of the sample estimates.

One major change made after every decennial census is to change the sample design to make use of the recently collected census materials. Also, occasionally the sample is expanded in terms of number of sample areas and number of sample persons. In 1953, a rotation plan was introduced in which a sample unit would be interviewed for 4 months, leave the sample for 8 months, and then return to the sample for another 4 months. When Alaska and Hawaii achieved statehood, three more sample areas were added to the sample to account for the population in these States. After the 1960 census, selection of a major portion of the sample from census address lists was begun, though a portion of the sample is still collected using area

sampling. Following the 1970 census, the ultimate sampling unit was changed from a noncontiguous cluster of six housing units to a usually contiguous cluster of four housing units. In January 1978, a supplemental sample of 9,000 housing units, selected in 24 States and the District of Columbia and designed to provide more reliable annual average estimates for States, was incorporated with the existing design. A coverage improvement sample, composed of approximately 450 sample household units which represent 237,000 occupied mobile homes and 60,000 new construction house units, was included in computing the estimates beginning in October 1978 in order to provide coverage of mobile homes and new construction housing units that previously had no chance for selection in the CPS sample. In January 1980 another supplemental sample of 9,000 households selected in 32 States and the District of Columbia was added to the existing sample. A sample reduction of about 6,000 units was implemented in May 1981. In January 1982, about 100 occupied units were added to provide sufficient coverage in counties added to SMSA's which were redefined in 1973.

Table A provides a description of some aspects of the CPS sample design in use during the different data collection periods. For a more detailed account of the history of the CPS sample design, see *The Current Population Survey: Design and Methodology*, Technical Paper No. 40, Bureau of the Census, U.S. Department of Commerce, or *Concepts and Methods used in Labor Force Statistics Derived from the Current Population Survey*, BLS Report 463.

ESTIMATING METHODS

Under the estimating methods used in the CPS, all of the results for a given month become available simultaneously and are based on returns from the entire panel of respondents. The CPS estimation procedure involves weighting the data from each sample person. The basic weight, which is the inverse of the probability of the person being in the sample, is a rough measure of the number of actual persons that the sample person represents. In States supplemented in the 1978 and 1980 expansions, almost all sample persons within the sample area have the same basic weight, but the weight may differ across sample areas. The basic weight is the same for almost all sample persons in unsupplemented States. The basic weights are then adjusted for noninterview, and the ratio estimation procedure is applied.

1. Noninterview adjustment. The weights for all interviewed households are adjusted to the extent needed to account for occupied sample households for which no information was obtained because of absence, impassable roads, refusals, or unavailability of the respondent for other reasons. This adjustment is made separately by combinations of sample areas within each State and the District of Columbia, and within these, for six groups—two race categories (white, and black and other) within three residence categories. For sample areas which are Standard Metropolitan Statistical Areas (SMSA's), these residence categories are the central cities, and the urban and the rural balance of the SMSA's. For other sample areas, the residence categories are urban, rural nonfarm, and rural farm. The proportion of sample households not interviewed varies from 4 to 5 percent depending on weather, vacations, etc.

2. *Ratio estimates.* The distribution of the population selected for the sample may differ somewhat, by chance, from that of the population as a whole, in such characteristics as age, race, sex, and residence. Since these characteristics are closely correlated with labor force participation and other principal measurements made from the sample, the survey estimates can be substantially improved when weighted appropriately by the known distribution of these population characteristics. This is accomplished through two stages of ratio estimates as follows:

a. *First-stage ratio estimate.* In the CPS, a portion of the 629 sample areas is chosen to represent other areas not in the sample; the remainder of the sample areas represent only themselves. The first-stage ratio estimation procedure was designed to reduce the portion of the variance resulting from requiring sample areas to represent nonsample areas. Therefore, this procedure is not applied to sample areas which represent only themselves. The procedure is performed at two geographic levels: First, by the four census regions (Northeast, North Central, South, and West), and second, for each of the 46 States which contains nonsample areas. The procedure corrects for the differences that existed at the time of the 1970 census between the distribution by race and residence of the population in the sample areas and the known race-residence distribution in the portions of the census region or State represented by these areas. The regional adjustment is performed by metropolitan-nonmetropolitan residence and race, while the State adjustment is done by urban-rural status and race.

b. *Second-stage ratio estimate.* In this stage, the sample proportions in the categories described below are adjusted to the distribution of independent current estimates of the civilian noninstitutional population in the same categories. The second-stage ratio estimate is performed in order to increase the reliability of the estimates and is carried out in two steps. In the first step, the sample estimates are adjusted within each State and the District of Columbia to an independent control for the population 16 years and over, for the State. The second step of the adjustment is applied to all sample persons and is a weighting to nationwide independent population estimates of the civilian noninstitutional population within 68 age-sex-race groups. The entire second-stage ratio estimation procedure is iterated six times, each time beginning at the weights developed the previous time. This iteration ensures that the sample estimates both of the State population and of the national age-sex-race categories will be virtually equal to the independent population estimates. This second stage adjustment procedure incorporates changes instituted in January 1982. The nature of these changes is discussed in detail in "Revisions in the

Table A. Characteristics of the CPS sample

Time period	Number of sample areas	Households eligible		Households visited not eligible
		Interviewed	Not interviewed	
Aug. 1947 to Jan. 1954	68	21,000	500–1,000	3,000–3,500
Feb. 1954 to Apr. 1956	230	21,000	500–1,000	3,000–3,500
May 1956 to Dec. 1959	[1] 330	33,500	1,500	6,000
Jan. 1960 to Feb. 1963	[2] 333	33,500	1,500	6,000
Mar. 1963 to Dec. 1966	357	33,500	1,500	6,000
Jan. 1967 to July 1971	449	48,000	2,000	8,500
Aug. 1971 to July 1972	449	45,000	2,000	8,000
Aug. 1972 to Dec. 1977	461	45,000	2,000	8,000
Jan. 1978 to Dec. 1979	614	53,500	2,500	10,000
Jan. 1980 to Apr. 1981	629	62,200	2 800	12,000
May 1981 to present	629	57,800	2,500	11,000

[1] Beginning in May 1956, these areas were chosen to provide coverage in each State and the District of Columbia.

[2] Three sample areas were added in 1960 to represent Alaska and Hawaii after statehood.

Current Population Survey Beginning in January 1982" in the February 1982 issue of *Employment and Earnings*.

The controls by State for the civilian noninstitutional population 16 years and over are an arithmetic extrapolation of the trend in the growth of this segment of the population from the April 1, 1980 census through the lastest available July 1 estimate, adjusted as a last step to a current estimate of the U.S. population of this group. State estimates by age for July 1 are published annually in *Current Population Reports*, Series P-25. For a description of the methodology used in developing the State total, use Report 640 of that series. Descriptions of the age estimates methodology are available on request from the Chief of the Population Division, U.S. Bureau of the Census; Washington, D.C. 20233.

Beginning with the January 1982 estimates, the independent national controls used for the age-sex-race groups in the final step of the second-stage ratio adjustment are prepared by carrying forward the April 1, 1980, total population by age, race, and sex, taking account of the subsequent aging of the population, fertility, mortality, and net immigration, and then subtracting the estimate for the institutional population and Armed Forces. The April 1, 1980, total population was computed by adding together the resident population, consistent with that published for the 1980 census in *Advance Reports*, Series PHC80-V, and the Armed Forces overseas, as compiled from Department of Defense reports.

Data on births and deaths between April 1, 1980, and the estimate date are based on tabulation of vital statistics for the resident population made by the National Center for Health Statistics and data on deaths of military personnel overseas from the Department of Defense. Estimates of net civilian immigration are based on data provided by the Immigration and Naturalization Service, the Department of Defense, the Office of Personnel Management, and the Puerto Rico Planning Board. The civilian noninstitutional population for the estimate date is derived by subtracting the Armed Forces and the institutional population from the total population including Armed Forces overseas. The institutional population is computed by applying institutional proportions derived from the 1970 census to the total population, including Armed Forces overseas for the estimate date. All computations described above are performed in cells defined by single year of age, race, and sex. The independent national controls totals are then obtained by collapsing these cells into broader age groups for the population 16 years and older.

3. *Composite estimate procedure.* In deriving statistics for a given month, a composite estimating procedure is used which takes account of net changes from the previous month for continuing parts of the sample (75 percent) as well as the sample results for the current month. Almost all estimates of month-to-month change are improved by this procedure, and most estimates of levels are also improved, but to a lesser extent.

Rounding of estimates

The sums of individual items may not always equal the totals shown in the same tables because of independent rounding of totals and components to the nearest thousand. Differences, however, are insignificant.

Reliability of the estimates

There are two types of errors possible in an estimate based on a sample survey—sampling and nonsampling. The standard errors provided primarily indicate the magnitude of the sampling error. They also partially measure the effect of some nonsampling errors in response and enumeration but do not measure any systematic biases in the data.

Nonsampling errors. The full extent of nonsampling error is unknown, but special studies have been conducted to quantify some sources of nonsampling error in the CPS as discussed below. The effect of nonsampling error should be small on estimates of relative change, such as month-to-month change. Estimates of monthly levels would be more severely affected by the nonsampling error.

Nonsampling errors in surveys can be attributed to many sources, e.g., inability to obtain information about all cases in the sample, definitional difficulties, differences in the interpretation of questions, inability or unwillingness of respondents to provide correct information, inability to recall information, errors made in collection such as in recording or coding the data, errors made in processing the data, errors made in estimating values for missing data, and failure to represent all sample households and all persons within sample households (undercoverage).

Nonsampling errors occurring in the interview phase of the survey have been studied by means of a reinterview program. This program is used to estimate various sources of error as well as to evaluate and control the work of the interviewers. A random sample of each interviewer's work is inspected through reinterview at regular intervals. The results indicate, among other things, that the data published from the CPS are subject to moderate systematic biases. A description of the CPS reinterview program and some of the other results may be found in the *Current Population Survey Reinterview Program, January 1961 through December 1966*, Technical Paper No. 19, Bureau of the Census, U.S. Department of Commerce.

The effects of some components of nonsampling error in the CPS data can be examined as a result of the rotation plan used for the sample, since the level of the estimates varies by rotation group. A description of these effects appears in the article "The Effects of Rotation Group Bias on Estimates from Panel Surveys," by Barbara A. Bailar, *Journal of the American Statistical Association*, Volume 70, No. 349, March 1975.

Undercoverage in the CPS results from missed housing units and missed persons within sample households. Overall undercoverage as compared to the level of the decennial census, is about 5 percent. It is known that the CPS undercoverage varies with age, sex, and race. Generally, undercoverage is larger for males than for females, and larger for black and other races combined than for whites. Ratio estimation to independent age-sex-race population controls, as described previously, partially corrects for the biases due to survey undercoverage. However, biases exist in the estimates to the extent that missed persons in missed households or missed persons in interviewed households have different characteristics than interviewed persons in the same age-sex-race group. Further, the independent population controls used have not been adjusted for undercoverage in the 1980 census.

Additional information on nonsampling error in the CPS appears in the paper, "An Error Profile: Employment as Measured by the Current Population Survey," by Camilla Brooks and Barbara Bailar, Statistical Policy Working Paper 3, U.S. Department of Commerce, Office of Federal Statistical Policy and Standards; in the paper "The Current Population Survey: An Overview," by Marvin Thompson and Gary Shapiro, *Annals of Economic and Social Measurement, Vol. 2, April 1973;* and in the *The Current Population Survey, Design and Methodology*, Technical Paper No. 40, Bureau of the Census, U.S. Department of Commerce. This last document includes a comprehensive and up-to-date discussion of various sources of error, and describes attempts to measure them in the CPS.

Sampling error. The standard error is primarily a measure of sampling variability, that is, of the variation that occurs by chance because a sample rather than the entire population is surveyed. The sample estimate and its estimated standard error enable one to construct confidence intervals, ranges that would include the average of all possible samples with a known probability. For example, if all possible samples were selected, each of these surveyed under essentially the same general conditions and using the sample sample design, and an estimate and its estimated error were calculated from each sample, then:

same general conditions and using the same sample design, and an estimate and its estimated error were calculated from each sample, then:

1. Approximately 68 percent of the intervals from one standard error below the estimate to one standard error above the estimate would include the average result of all possible samples.

2. Approximately 90 percent of the intervals from 1.6 standard errors below the estmate to 1.6 standard errors above the estimate would include the average of all possible samples.

3. Approximately 95 percent of the intervals from 2 standard errors below the estimate to 2 standard errors above the estimate would include the average result of all possible samples.

In order to derive standard errors that would be applicable to a large number of estimates and could be prepared at a moderate cost, a number of approximations were required. First, the standard errors in this volume reflect the sample design and estimation procedures in effect prior to the expansions for State estimates. Thus, these standard errors may slightly overstate the standard errors applicable to the present design. Second, instead of computing an individual standard error for each estimate, generalized sets of standard errors were computed for various types of characteristics. This generalization yields more stable estimates of the standard errors. Consequently, the sets of standard errors provided give an indication of the order of magnitude of the standard error of an estimate rather than the precise standard error.

Tables B and C show approximate standard errors for major employment status characteristics for monthly estimates and for changes for consecutive months. These standard errors are applicable to the level of the estimates in recent months.

Tables D through H provide generalized standard errors for monthly level and month-to-month change for estimated totals, unemployment rates, and percentages. Table I contains factors for use with table H for computing standard errors, as described below, for monthly level and month-to-month change for percentages. Standard errors for intermediate values not shown in the tables may be approximated by linear interpolation. The standard error for estimated changes from one month to the next is more closely related to the monthly level for the characteristic than to the size of the specific month-to-month change itself. Thus, in order to use the generalized standard errors for month-to-month change as given in the tables of standard errors, it is necessary to obtain the monthly estimate for the characteristic. It should be noted that the tables of standard errors for month-to-month change apply only to estimates of change between two consecutive months. Estimates of change for nonconsecutive months are subject to higher standard errors. Table J contains factors for use with tables D,F,H,and I to compute approximate standard errors, as described below, for levels, labor force participation rates, and percentages as pertaining to year-to-year change of monthly estimates, quarterly averages, changes in quarterly averages, yearly averages and changes in yearly averages. Note that standard errors for changes in quarterly and yearly estimates apply only to consecutive quarters and years. For years prior to 1967, the standard errors must be adjusted due to the differences in the sample size. For years prior to 1956, the standard errors should be multiplied by 1.50 and for the 1956-66 period they should by multiplied by 1.22. Table K provides generalized standard errors for quarterly estimates of persons and families for use with the CPS earnings data.

Standard errors for estimated totals. Tables D and E provide generalized standard errors for monthly totals and for month-to-month change. The figures given in these tables are to used for the characteristics as indicated.

Illustration. Assume that in a given month the number of persons working a specific number of hours was 12,000,000, an increase of 400,000 over the previous month. Linear interpolation in the second column of table D shows that the standard error on an estimate of 12,000,000 is about 150,000. The 68 percent confidence interval as shown by these data is from 11,850,000 to 12,150,000. Therefore, a conclusion that the average estimate derived from all possible samples lies within a range computed in this way would be correct for roughly 68 percent of all possible samples. Recall that the standard error of a month-to-month change is primarily dependent on the size of the monthly estimate. Thus, using linear interpolation in the first column of table E the standard error on a month-to-month change of 400,000 when the monthly level is approximately 12,000,000 is about 111,000.

Standard errors for rates and percentages. The reliability of an estimated unemployment rate or an estimated percentage, computed using sample data for both numerator and denominator, depends on both the size of the rate or percentage and the total upon which the rate or percentage is based. Estimated rates and percentages are relatively more reliable than the corresponding estimates of the numerator of the rates or percentages; this is particularly true for percentages of 50 percent or more. As a general rule, percentages are not published when the monthly base is less than 75,000, the quarterly average base is less than 60,000, or the annual average base is less than 35,000.

Tables F and G show generalized standard errors for monthly level and month-to-month change for unemployment rates.

Generalized standard errors for estimated monthly percentages and estimated month-to-month change in percentages can be obtained through the use of the standard errors in table H and the factors in table I. First obtain the standard error from table H for the specific percentage and base. The generalized standard error is then calculated

Table B. Standard errors for major employment status categories

(In thousands)

Employment status, sex, age, and race	Standard error of—	
	Monthly level	Month-to-month change (consecutive months only)
Total, 16 years and over		
Civilian labor force	208	161
Employed	229	175
Unemployed	122	123
Males, 20 years and over		
Civilian labor force	113	95
Employed	131	114
Unemployed	84	85
Females, 20 years and over		
Civilian labor force	167	124
Employed	168	128
Unemployed	71	74
Both sexes, 16-19 years		
Civilian labor force	80	85
Employed	85	94
Unemployed	58	72
Black and other, 16 years and over		
Civilian labor force	73	56
Employed	84	63
Unemployed	59	62
Males, 20 years and over		
Civilian labor force	40	34
Employed	49	43
Unemployed	40	42
Females, 20 years and over		
Civilian labor force	62	46
Employed	62	48
Unemployed	36	40
Both sexes, 16-19 years		
Civilian labor force	33	37
Employed	31	36
Unemployed	28	30

by multiplying the standard error from table H by the appropriate factor from table I. When the numerator and denominator of the percentage are in different categories, use the factor indicated by the numerator of the percentage.

Illustration. For example, assume that in a given month 3.6 percent of a total of 90,771,000 employed persons are employed in agriculture. First the standard error on an estimate of 3.6 percent with a base of 90,771,000 is obtained from table H (0.09 percentage point). The appropriate factor from table I for the numerator of the percentage, agricultural employment, is 1.26. The generalized standard error on the estimated 3.6 percent is then approximately 0.09 x 1.26 = 0.1 percentage point.

Standard errors for year-to-year change of monthly estimates, quarterly averages, changes in quarterly averages, yearly averages and changes in yearly averages. The approximate standard errors of levels, rates and percentages involving year-to-year change of monthly estimates, quarterly averages, changes in quarterly averages, yearly averages and changes in yearly averages may be obtained by using table J in conjunction with the other tables. Standard errors for estimates of change are more closely related to the level of the estimate than to the size of the specific change. Thus, to obtain the standard error of an estimate of an average level, rate, or percentage, or an estimate of a change in level, rate, or percentage, it is first necessary to find the appropriate estimate of level. For an estimate of an average level, rate or percentage, find the standard error of this estimate. For an estimate of change in level, rate or percentage, find the standard error of the average of the two estimates affecting the change. Then, after computing the standard error by treating these estimates as monthly estimates and using the procedures above, multiply this result by a suitable factor from table J to obtain the approximate standard error for the average or change.

Illustration. For example, suppose that one is interested in the year-to-year change of a monthly unemployment rate. Let us assume that for a certain month the unemployment rate is 6.9 percent based on a total of 95,676,000 in the civilian labor force, and that a year prior to this the unemployment rate was 6.1 percent based on a total of 94,254,000 in the civilian labor force for the month. First, the standard error on the average of the two estimates, 6.5 percent with a base of 94,965,000, is obtained from table F (0.11 percentage point). The appropriate factor then from table J is 1.40. The approximate standard error on the change of 0.8 percent is then given by 0.11x1.40 = 0.15 percentage point.

The approximate standard error of levels involving year-to-year change of quarterly estimates pertaining to CPS earnings data for persons and families may be obtained by using table K in conjunction with the following formula:

$$\text{Standard error of year-to-year change} = \sqrt{\left(\begin{matrix}\text{Standard}\\ \text{error}\\ X\end{matrix}\right)^2 + \left(\begin{matrix}\text{Standard}\\ \text{error}\\ Y\end{matrix}\right)^2 - 2(P)\left(\begin{matrix}\text{Standard}\\ \text{error}\\ X\end{matrix}\right)\left(\begin{matrix}\text{Standard}\\ \text{error}\\ Y\end{matrix}\right)}$$

where X is the estimate for one quarter and Y is the estimate for another quarter. The coefficient, P, is a measure of the correlation between the estimates X and Y resulting from the presence of some of the same respondents in the sample for each estimate. For consecutive year-to-year changes of quarterly estimates, the values of P are .30 for persons (total, white, and black) and .35 for families (total, white, and black). The respective values for estimates of Hispanics are .45 and .55.

Illustration.

Assume that in a given quarter the number of women employed as full-time wage and salary workers was 27,000,000 and in the same quarter a year later their number had increased to 29,000,000. Using linear interpolation in the eighth column of table K, the standard error of an estimate of 27,000,000 is 216,000; for 29,000,000 it is 221,000. Using the above formula, the standard error of the 2,000,000, year-to-year change is:

$$\sqrt{(216{,}000)^2 + (221{,}000)^2 - 2\,(.30)\,(216{,}000)\,(221{,}000)},$$

or about 259,000.

Table C. Standard errors for unemployment rates by major characteristics

Selected categories	Standard error of-	
	Monthly level	Consecutive month change
Total (all civilian workers)	0.12	0.12
Males, 20 years and over	.15	.15
Females, 20 years and over	.17	.18
Both sexes, 16-19 years	.57	.67
White workers	.12	.12
Black (and other) workers	.46	.49
Married men, spouse present	.15	.16
Married women, spouse present	.21	.23
Full-time workers	.12	.13
Part-time workers	.32	.40
Unemployed 15 weeks and over	.06	.07
OCCUPATION		
White-collar workers	.12	.13
Professional and technical	.18	.20
Managers and administrators, except farm	.20	.23
Sales workers	.36	.41
Clerical workers	.23	.25
Blue-collar workers	.24	.26
Craft and kindred workers	0.33	0.37
Operatives, except transport	.44	.50
Transport equipment operatives	.70	.77
Nonfarm laborers	.71	.81
Service workers	.32	.36
Farm workers	.54	.62
INDUSTRY		
Nonagricultural private wage and salary workers	.13	.13
Construction	.59	.70
Manufacturing	.27	.30
Durable goods	.37	.41
Nondurable goods	.39	.45
Transportation and public utilities	.38	.42
Wholesale and retail trade	.26	.29
Finance and service industries	.17	.19
Government workers	.20	.23
Agricultural wage and salary workers	1.07	1.26

Table D. Standard errors for estimates of monthly level

(In thousands)

Estimated monthly level	Characteristic[1]								
	Agricultural employment	Labor force data other than unemployment and agricultural employment data						Unemployment	
		Total or white	Black and other	Total or white, 16-19 years	Black and other, 16-19 years	Total or white males only, or females only	Black and other males only, or females only	Total or white	Black and other
50	13	10	10	10	10	9	9	10	11
100	18	14	14	14	14	13	13	14	15
500	41	32	32	32	28	30	29	31	33
1,000	57	45	44	44	33	42	40	44	46
2,000	81	64	60	60	13	59	52	62	63
4,000	113	90	79	77	-	82	60	87	83
6,000	137	109	88	84	-	99	53	106	93
8,000	-	125	90	84	-	113	16	122	-
10,000	-	139	87	76	-	124	-	135	-
15,000	-	166	36	-	-	146	-	163	-
20,000	-	188	-	-	-	161	-	182	-
30,000	-	219	-	-	-	177	-	-	-
40,000	-	249	-	-	-	178	-	-	-
50,000	-	253	-	-	-	164	-	-	-
60,000	-	260	-	-	-	131	-	-	-
70,000	-	260	-	-	-	49	-	-	-
80,000	-	254	-	-	-	-	-	-	-
100,000	-	221	-	-	-	-	-	-	-
120,000	-	143	-	-	-	-	-	-	-

[1] When determining the standard error of an estimate for a group which is a subset of the age, sex, or race groups listed, use the standard error for the next larger group, e.g., when determining the standard error on the estimated number of employed persons age 20 to 54 years, use the column for total employed.

Table E. Standard errors for estimates of month-to-month change

(In thousands)

Estimated monthly level	Characteristic[1]							
	Labor force data other than unemployment and agricultural employment data				Unemployment			
	Total or white	Black and other	Total or white, 16-19 years	Black and other, 16-19 years	Total or white	Both sexes 16-19 years, or part-time labor force[2]	Black and other	Black and other, 16-19 years
50	8	8	12	12	11	12	12	12
100	11	11	17	17	16	17	16	17
500	24	23	37	33	35	39	36	34
1,000	34	33	52	37	48	55	49	39
2,000	47	45	70	-	68	77	65	-
4,000	66	58	89	-	93	107	80	-
6,000	81	65	96	-	110	129	-	-
8,000	93	68	93	-	123	147	-	-
10,000	103	65	78	-	132	162	-	-
15,000	123	33	-	-	145	191	-	-
20,000	130	-	-	-	146	211	-	-
30,000	163	-	-	-	-	-	-	-
40,000	179	-	-	-	-	-	-	-
50,000	189	-	-	-	-	-	-	-
60,000	194	-	-	-	-	-	-	-
70,000	195	-	-	-	-	-	-	-
80,000	191	-	-	-	-	-	-	-
100,000	179	-	-	-	-	-	-	-
120,000	119	-	-	-	-	-	-	-

[1] See footnote 1, table D.

[2] Part-time labor force for unemployment also includes persons reentering the labor force, persons who left their last job, and persons by duration of unemployment.

Table F. Standard errors for unemployment rates

Monthly base of unemployment rate (in thousands)	Monthly unemployment rate (percent)									
	1	2	5	10	15	20	25	30	35	50
50	2.05	2.88	4.49	6.18	7.36	8.25	8.93	9.46	9.85	10.36
100	1.45	2.04	3.18	4.37	5.20	5.83	6.32	6.69	6.97	7.33
500	.65	.91	1.42	1.96	2.33	2.61	2.82	2.99	3.12	3.28
1,000	.46	.65	1.01	1.38	1.65	1.84	2.00	2.12	2.21	2.32
2,000	.32	.46	.71	.98	1.17	1.31	1.42	1.50	1.56	1.64
4,000	.23	.32	.50	.69	.83	.92	1.00	1.06	1.10	1.16
6,000	.19	.26	.41	.57	.67	.75	.82	.86	.90	.94
10,000	.15	.21	.32	.44	.52	.59	.63	.67	.70	.73
20,000	.11	.15	.23	.31	.37	.41	.45	.47	.49	.51
60,000	.06	.08	.12	.17	.20	.23	.25	.26	.27	.28
100,000	.04	.06	.10	.13	.16	.18	.19	.20	.21	.22

Table G. Standard errors for month-to-month change in unemployment rates

Monthly base of unemployment rate (in thousands)	Monthly unemployment rate (percent)									
	1	2	5	10	15	20	25	30	35	50
50	2.32	3.28	5.12	7.10	8.52	9.64	10.05	11.39	11.97	12.55
100	1.64	2.32	3.62	5.02	6.02	6.81	7.11	8.05	8.39	8.87
500	.74	1.04	1.62	2.25	2.69	3.04	3.17	3.58	3.73	3.93
1,000	.52	.73	1.15	1.59	1.90	2.15	2.24	2.52	2.62	2.74
2,000	.37	.52	.81	1.12	1.34	1.51	1.57	1.76	1.83	1.89
4,000	.26	.37	.57	.79	.94	1.06	1.10	1.22	1.26	1.26
6,000	.21	.30	.47	.64	.76	.86	.89	.97	1.00	–
10,000	.16	.13	.36	.49	.59	.65	.67	.72	–	–
20,000	.11	.15	.24	.33	.39	.44	.48	.51	–	–
60,000	.06	.09	.13	.18	.21	.22	.23	–	–	–
100,000	.05	.07	.10	.13	.14	.14	–	–	–	–

Table H. Standard errors for estimated percentages and month-to-month change in percentages for labor force data

Monthly base of percentages (in thousands)	Percentage of monthly level									
	1 or 99	2 or 98	5 or 95	10 or 90	15 or 85	20 or 80	25 or 75	30 or 70	35 or 65	50
50	2.03	2.85	4.44	6.12	7.28	8.15	8.83	9.34	9.72	10.19
100	1.43	2.02	3.14	4.32	5.15	5.77	6.24	6.61	6.88	7.21
500	.64	.90	1.41	1.93	2.30	2.58	2.79	2.95	3.07	3.22
1,000	.45	.64	.99	1.37	1.63	1.82	1.97	2.09	2.17	2.28
2,000	.32	.45	.70	.97	1.15	1.29	1.40	1.48	1.54	1.61
4,000	.23	.32	.50	.68	.81	.91	.99	1.04	1.09	1.14
6,000	.19	.26	.41	.56	.66	.74	.81	.85	.89	.93
10,000	.14	.20	.31	.43	.51	.58	.62	.66	.69	.73
20,000	.10	.14	.22	.31	.36	.41	.44	.47	.49	.51
40,000	.07	.10	.16	.22	.26	.29	.31	.33	.34	.36
60,000	.06	.08	.13	.18	.21	.24	.25	.27	.28	.29
80,000	.05	.07	.11	.15	.18	.20	.22	.23	.24	.25
100,000	.05	.06	.10	.14	.16	.18	.20	.21	.22	.23
160,000	.04	.05	.08	.11	.13	.14	.16	.17	.17	.18

NOTE: The standard errors in this table must be multiplied by the factors in table I to obtain the approximate standard error for a specific characteristic.

Table I. Factors to be used with Table H to compute approximate standard errors for percentages and month-to-month change in percentages

Characteristic	Factor		Characteristic	Factor	
	Monthly level	Month-to-month change		Monthly level	Month-to-month change
Agricultural employment:			Unemployment:		
Total or full-time labor force	1.26	1.05	Part-time labor force, duration of unemployment, left last job, reentering labor force	1.01	1.21
Part-time labor force	1.26	1.50	All other unemployment characteristics:		
Labor force data other than agricultural employment data and unemployment data:			Total or white:		
Total	1.00	.74	Total	.97	1.08
Males only	.93	.84	Both sexes, 16-19 years	.97	1.21
Females only	.86	.75	Black and other:		
Both sexes, 16-19 years	1.00	1.18	Total	1.04	1.13
Part-time labor force	1.00	1.18	Both sexes, 16-19 years	1.04	1.24

Table J. Factors to be used with Tables, D, F, H, and I to compute the approximate standard errors for levels, rates, and percentages for year-to-year change of monthly estimates, quarterly averages, change in quarterly averages, yearly averages and change in yearly averages

Characteristic	Factors				
	Year-to-year change of monthly estimate	Quarterly averages	Change in quarterly averages	Yearly averages	Change in yearly averages
Agricultural employment:					
Total or males	1.30	0.89	0.80	0.72	0.70
Females or teenagers (16-19 years)	1.30	.83	.80	.58	.70
Part time	1.40	.74	.80	.46	.70
Labor force data other than agricultural employment data and unemployment data:					
Total or white	1.30	.88	.88	.67	.70
Black and other or teenagers (16-19 years)	1.30	.82	.88	.57	.70
Part time	1.40	.74	.88	.46	.60
Unemployment:					
Total	1.40	.76	.88	.50	.65
Part time	1.40	.69	.88	.39	.54

Table K. Standard errors for estimates of quarterly level

(In thousands)

Estimated quarterly level	Characteristic								
	Total			Males				Females	
	Part-time workers	Total or full-time workers		Part-time workers	Total or full-time workers			Total, full-time, or part-time workers	
		Total or white	Black		Total	White	Black	Total or white	Black
10	5	5	5	5	5	5	5	5	5
50	11	12	12	11	12	12	12	11	11
75	13	15	15	13	15	15	15	13	13
100	15	17	17	15	17	17	17	15	15
150	19	21	21	19	21	21	21	19	19
200	22	24	24	22	24	24	24	22	21
250	24	27	27	24	27	27	27	24	24
300	26	30	30	26	30	30	29	26	26
500	34	38	38	34	38	38	37	34	33
750	42	47	46	42	47	47	45	42	41
1,000	48	54	53	48	54	54	50	48	46
1,500	59	66	63	59	66	66	59	59	56
2,000	68	76	72	68	76	76	65	68	63
2,500	76	85	79	75	84	84	69	75	69
3,000	83	93	85	82	92	92	71	82	74
5,000	107	119	100	105	117	116	64	105	85
7,500	130	145	107	127	140	138	–	127	–
10,000	149	165	102	144	157	155	–	145	–
15,000	180	198	–	187	183	179	–	173	–
20,000	205	224	–	192	199	193	–	195	–
25,000	226	244	–	207	209	199	–	211	–
30,000	224	261	–	219	212	198	–	224	–
40,000	273	286	–	236	201	174	–	242	–
50,000	296	301	–	–	–	–	–	–	–
75,000	331	304	–	–	–	–	–	–	–
100,000	343	255	–	–	–	–	–	–	–

Establishment Data
(B and C tables)

COLLECTION

Payroll reports provide current information on wage and salary employment, hours, and earnings in nonagricultural establishments, by industry and geographic location.

Federal-State cooperation

Under cooperative arrangements, responding establishments report employment, hours, and earnings data to State agencies. State agencies mail the forms to the establishments and examine the returns for consistency, accuracy, and completeness. The States use the reported data to prepare State and area series and also send the reported data to the BLS (Washington Office) for use in preparing the national series. This avoids a duplicate reporting burden on establishments, and together with the use of similar estimating techniques at the national and State levels, promotes increased comparability between estimates.

Shuttle schedules

Form BLS 790—Report on Employment, Payroll, and Hours is the name of the data collection schedule. The collection agency returns the schedule to the respondent each month so that the next month's data can be entered on the space alotted for that month. This "shuttle" procedure assures maximum comparability and accuracy of reporting, since the respondent can see the figures that have been reported for previous months.

Form BLS 790 provides for entry of data on the total number of full- and part-time workers on the payrolls of nonagricultural establishments and, for most industries, employment, payroll, and hours of production and related workers or nonsupervisory workers for pay period which includes the 12th of the month.

CONCEPTS

Industrial classification

Establishments reporting on Form BLS 790 are classified into industries on the basis of their principal product or activity determined from information on annual sales volume. Since January 1980, this information is collected on a supplement to the quarterly unemployment insurance tax reports filed by employers. For an establishment making more than one product or engaging in more than one activity, the entire employment of the establishment is included under the industry indicated by the principal product or activity.

All data on employment, hours, and earnings for the Nation and for States and areas are classified in accordance with the 1972 *Standard Industrial Classification Manual* (SICM), Office of Management and Budget. The BLS tabulates and estimates statistics which distinguish between private and public establishments, thus maintaining continuity with previously published statistics for the private and government sector.

Industry employment

Employment data, except those for the Federal Government, refer to persons on establishment payrolls who received pay for any part of the pay period which includes the 12th of the month. For Federal Government establishments, employment figures represent the number of persons who occupied positions on the last day of the calendar month. Intermittent workers are counted if they performed any service during the month.

The data exclude proprietors, the self-employed, unpaid volunteer or family workers, farm workers, and domestic workers in households. Salaried officers of corporations are included. Government employment covers only civilian employees; military personnel are excluded. Employees of the Central Intelligence and National Security Agencies are also excluded.

Persons on establishment payrolls who are on paid sick leave (when pay is received directly from the firm), on paid holiday, on paid vacation, or who work during a part of the pay period even though they are unemployed or on strike during the rest of the period are counted as employed. Not counted as employed are persons who are on layoff, on leave without pay, on strike for the entire period, or who were hired but have not yet reported during the period.

Industry hours and earnings

Average hours and earnings data are derived from reports of payrolls and hours for production and related workers in manufacturing and mining, construction workers in construction, and nonsupervisory employees in private service-producing industries.

Production and related workers include working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, trucking, hauling, maintenance, repair, janitorial, guard services, product development, auxiliary production for plant's own use (e.g., power plant), recordkeeping, and other services closely associated with the above production operation.

Construction workers include the following employees in the construction division: Working supervisors, qualified craft workers, mechanics, apprentices, helpers, laborers, etc., engaged in new work, alterations, demolition, repair, maintenance, etc., whether working at the site of contruction or working in shops or yards at jobs (such as precutting and preassembling) ordinarily performed by members of the construction trades.

Nonsupervisory employees include employees (not above the working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, physicians, lawyers, accountants, nurses, social workers, research aides, teachers, drafters, photographers, beauticians, musicians, restaurant workers, custodial workers, attendants, line installers and repairers, laborers, janitors, guards, and other employees at similar occupational levels whose services are closely associated with those of the employees listed.

Payroll covers the payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of the pay period which includes the 12th of the month. The payroll is reported before deductions of any kind, e.g., for old-age and unemployment insurance, group insurance, withholding tax, bonds, or union dues; also included is pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period); other pay not earned in the pay period reported (e.g., retroactive pay); tips; and the value of free rent, fuel, meals, or other payment in kind are excluded. "Fringe benefits" (such as health and other types of insurance, contributions to retirement, etc., paid by the employer) are also excluded.

Hours cover the hours paid for during the pay period which includes the 12th of the month for production, construction, or nonsupervisory workers. Included are hours paid for holidays, vacations, and for sick leave when pay is received directly from the firm.

Overtime hours covers hours worked by production or related workers for which overtime premiums were paid because the hours were in excess of the number of hours of either the straight-time workday or the workweek during the pay period which includes the 12th of the month. Weekend and holiday hours are included only if overtime premiums were paid. Hours for which only shift differential, hazard, incentive, or other similar types of premiums were paid are excluded.

Gross average hourly and weekly earnings. Average hourly earnings are on a "gross" basis. They reflect not only changes in basic hourly and incentive wage rates but also such variable factors as premium pay for overtime and late-shift work and changes in output of workers

paid on an incentive plan. They also reflect shifts in the number of employees between relatively high-paid and low-paid work and changes in workers' earnings in individual establishments. Averages for groups and divisions further reflect changes in average hourly earnings for individual industries.

Averages of hourly earnings differ from wage rates. Earnings are the actual return to the worker for a stated period of time; rates are the amount stipulated for a given unit of work or time. The earnings series do not measure the level of total labor costs on the part of the employer since the following are excluded: Irregular bonuses, retroactive items, payments of various welfare benefits, payroll taxes paid by employers, and earnings for those employees not covered under the production worker, construction worker, or nonsupervisory employee definitions.

Gross average weekly earnings estimates are derived by multiplying average weekly hours estimates by average hourly earnings estimates. Therefore, weekly earnings are affected not only by changes in gross average hourly earnings but also by changes in the length of the workweek. Monthly variations in such factors as proportion of part-time workers, stoppages for varying reasons, labor turnover during the survey period, and absenteeism for which employees are not paid may cause the average workweek to fluctuate.

Long-term trends of gross average weekly earnings can be affected by structual changes in the makeup of the work force. For example, persistent long-term increases in the proportion of part-time workers in retail trade and many of the services industries have reduced average workweeks in these industries and have affected the average weekly earnings series.

Average weekly hours. The workweek information relates to the average hours for which pay was received and is different from standard or scheduled hours. Such factors as unpaid absenteeism, labor turnover, part-time work, and stoppages cause average weekly hours to be lower than scheduled hours of work fo. an establishment. Group averages further reflect changes in the workweek of component industries.

Average overtime hours. The overtime hours represent that portion of the gross average weekly hours which exceeded regular hours and for which overtime premiums were paid. If an employee were to work on a paid holiday at regular rates, receiving as total compensation his or her holiday pay plus straight-time pay for hours worked that day, no overtime hours would be reported.

Since overtime hours are premium hours by definition, gross weekly hours and overtime hours do not necessarily move in the same direction from month to month; for example, overtime premiums may be paid for hours in excess of the straight-time workday although less than a full week is worked. Diverse trends at the industry-group level also may be caused by a marked change in hours for a component industry where little or no overtime was worked in both the previous and current months. In addition, such factors as stoppages, absenteeism, and labor turnover may not have the same influence on overtime hours as on gross hours.

Railroads hours and earnings. The figures for Class I railroads (excluding switching and terminal companies) are based on monthly data summarized in the M-300 report of the Interstate Commerce Commission and relate to all employees except executives, officials, and staff assistants (ICC group I) who received pay during the month. Gross average hourly earnings are computed by dividing total compensation by total hours paid for. Average weekly hours are obtained by dividing the total number of hours paid for, reduced to a weekly basis, by the number of employees, as defined above. Gross average weekly earnings are derived by multiplying average weekly hours by average hourly earnings.

"Real" earnings, or earnings in constant dollars, are calculated from the earnings averages for the current month using a deflator derived from the Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W).

Average hourly earnings excluding overtime. Average hourly earnings excluding overtime premium pay are computed by dividing the total production-worker payroll for the industry group by the sum of total production-worker hours and one-half of total overtime hours. Prior to January 1956, these data were based on the application of adjustment factors to gross average hourly earnings (as described in the *Monthly Labor Review*, May 1950, pp. 537-40). Both methods eliminate only the earnings due to overtime paid for at 1½ times the straight-time rates. No adjustment is made for other premium payment provisions, such as holiday work, late-shift work, and overtime rates other than time and one-half.

Indexes of aggregate weekly payrolls and hours. The indexes of aggregate weekly payrolls and hours are prepared by dividing the current month's aggregate by the average of the 12 monthly figures for 1977. For basic industries, the hour aggregates are the product of average weekly hours and production-worker or nonsupervisory-worker employment, and the payroll aggregates are the product of hour aggregates and average hourly earnings. At all higher levels of industry aggregation, hour and payroll aggregates are the sum of the component aggregates.

Indexes of diffusion of changes in number of employees on nonagricultural payrolls. These indexes measure the percent of industries which posted increases in employment over the specified time span. The indexes are calculated from 186 unpublished seasonally adjusted employment series (two-digit nonmanufacturing industries and three-digit manufacturing industries) covering all nonagricultural payroll employment in the private sector. A more detailed discussion of these indexes appears in "Introduction of Diffusion Indexes," in the December 1974 issue of *Employment and Earnings*.

ESTIMATING METHODS

The principal features of the procedure used to estimate employment for the establishment statistics are (1) the use of the "link relative" technique, which is a form of ratio estimation; (2) periodic adjustment of employment levels to new benchmarks; and (3) the use of size and regional stratification.

The "link relative" technique

From a sample composed of establishments reporting for both the previous and current months, the ratio of current month employment to that of the previous month is computed. This is called a "link relative." The estimates of employment (all employees, including production and nonproduction workers together) for the current month are obtained by multiplying the estimates for the previous month by these "link relatives." In addition, small bias correction factors are applied to selected employment estimates each month. The size of the bias correction factors is determined from past experience. Other features of the general procedures are described in table L.

Size and regional stratification

A number of industries are stratified by size of establishment and/or by region, and the stratified production or nonsupervisory worker data are used to weight the hours and earnings into broader industry groupings. Accordingly, the basic estimating cell for an employment, hours, or earnings series, as the term is used in the summary of computational methods in table L, may be a whole industry or a size stratum, a region stratum, or a size stratum of a region within an industry.

Benchmark adjustments

Employment estimates are compared periodically with comprehensive counts of employment which provide "benchmarks" for the

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Table L. Summary of methods for computing industry statistics on employment, hours, and earnings

Item	Basic estimating cell (industry, region, size, or region/size cell)	Aggregate industry levels (divisions, groups and, where stratified, individual cells)
	Monthly data	
All employees	All-employee estimate for previous month multiplied by ratio of all employees in current month to all employees in previous month, for sample establishments which reported for both months.[1]	Sum of all-employee estimates for component cells.
Production or nonsupervisory workers, women employees	All-employee estimate for current month multiplied by (1) ratio of production or nonsupervisory workers to all employees in sample establishments for current month, (2) estimated ratio of women to all employees.[2]	Sum of production- or nonsupervisory-worker estimates, or estimates of women employees, for component cells.
Gross average weekly hours	Production- or nonsupervisory-worker hours divided by number of production or nonsupervisory workers.[2]	Average, weighted by production- or nonsupervisory-worker employment, of the average weekly hours for component cells.
Average weekly overtime hours	Production-worker overtime hours divided by number of production workers.[2]	Average, weighted by production-worker employment, of the average weekly overtime hours for component cells.
Gross average hourly earnings	Total production- or nonsupervisory-worker payroll divided by total production- or nonsuoervisory-worker hours.[2]	Average, weighted by aggregate hours, of the average hourly earnings for component cells.
Gross average weekly earnings	Product of gross average weekly hours and average hourly earnings.	Product of gross average weekly hours and average hourly earnings.
	Annual average data	
All employees, women employees, and production or nonsupervisory workers	Sum of monthly estimates divided by 12.	Sum of monthly estimates divided by 12.
Gross average weekly hours	Annual total of aggregate hours (production- or nonsupervisory-worker employment multiplied by average weekly hours) divided by annual sum of employment.	Annual total of aggregate hours for production or nonsupervisory workers divided by annual sum of employment for these workers.
Average weekly overtime hours	Annual total of aggregate overtime hours (production-worker employment multiplied by average weekly overtime hours) divided by annual sum of employment.	Annual total of aggregate overtime hours for production workers divided by annual sum of employment for these workers.
Gross average hourly earnings	Annual total of aggregate payrolls (product of production- or nonsupervisory-worker employment by weekly hours and hourly earnings) divided by annual aggregate hours.	Annual total by aggregate payrolls divided by annual aggregate hours.
Gross average weekly earnings	Product of gross average weekly hours and average hourly earnings.	Product of gross average weekly hours and average hourly earnings.

[1] The estimates result from multiplying the product shown by bias adjustment factors to compensate for the underrepresentation of newly formed enterprises in the sample and other bias sources.

[2] The sample production-worker ratio, women-worker ratio, average weekly hours, average overtime hours, and average hourly earnings are modified by a wedging technique designed to compensate for changes in the sample arising mainly from the voluntary character of the reporting. The wedging procedure accepts the advantage of continuity from the use of the matched sample, and at the same time, tapers or wedges the estimate toward the level of the latest sample average.

various nonagricultural industries, and appropriate adjustments are made as indicated. The industry estimates are currently projected from March 1981 levels. Normally, benchmark adjustments are made annually.

The primary sources of benchmark information are employment data, by industry, compiled quarterly by States agencies from reports of establishments covered under State unemployment insurance laws. These tabulations cover about 98 percent of employees on nonagricultural payrolls in the United States. Benchmark data for the residual are obtained from the records of the Social Security Administration, the Interstate Commerce Commission, and a number of other agencies in private industry or government.

The estimates for the benchmark month are compared with new benchmark levels, industry by industry. If revisions are necessary, the monthly series of estimates between benchmark periods are adjusted between the new benchmark and the preceding one, and the new benchmark for each industry is then carried forward progressively to the current month by use of the sample trends. Thus, under this procedure, the benchmark is used to establish the level of employment; the sample is used to measure the month-to-month changes in the level. A comparison of the actual amounts of revisions made at the time of the March 1981 benchmark adjustment is shown in table M.

Data for all months since the last benchmark to which the series has been adjusted are subject to revision. Revised data are published as soon as possible after each benchmark revision.

THE SAMPLE

Design

The sampling plan used in the current employment statistics program is know as "sampling proportionate to average size of establishment." This design is an optimum allocation design among strata since the sampling variance is proportional to the average size of establishments. Under this type of design, large establishments fall into the sample with certainty. The size of the sample for the various industries is determined empirically on the basis of experience and of cost considerations. In a manufacturing industry in which a high proportion of total employment is concentrated in relatively few establishments, a large percent of total employment is included in the sample. Consequently, the sample design for such industries provides for a complete census of the large establishments with only a few chosen from among the smaller establishments or none at all if the concentration of employment is great enough. On the other hand, in an industry in which a large proportion of total employment is in small establishments, the sample design calls for inclusion of all large establishments and also for a substantial number of the small ones. Many industries in the trade and services divisions fall into this category. To keep the sample to a size which can be handled by available resources, it is necessary to design samples for these industries with a smaller proportion of universe employment than is the case for most manufacturing industries. Since individual establishments in these nonmanufacturing divisions generally show less fluctuation from regular cyclical or seasonal patterns than do establishments in manufacturing industries, these smaller samples (in terms of employment) generally produce reliable estimates.

In the context of the BLS employment statistics program, with its emphasis on producing timely data at minimum cost, a sample must be obtained which will provide coverage of a sufficiently large segment of the universe to provide reasonably reliable estimates that can be published promptly and regularly. The present sample meets these specifications for most industries. With its use, the BLS is able to produce preliminary estimates each month for many industries and for many geographic levels within a few weeks after the reference period, and, at a somewhat later date, statistics in considerably greater industrial detail.

Coverage

The BLS sample of establishment employment and payrolls is the largest monthly sampling operation in the field of social statistics. Table N shows the approximate proportion of total employment in each industry division covered by the group of establishments furnishing monthly employment data. The coverage for individual industries within the division may vary from the proportions shown.

Reliability of [illegible] employment estimates

Although the relatively large size of the BLS establishment sample assures a high degree of accuracy, the estimates derived from it may differ from the figures that would be obtained if it were possible to take a complete census using the same schedules and procedures. As discussed under the previous section, a "link relative" technique is used to estimate employment. This requires the use of the previous month's estimate as the base in computing the current month's estimate. Thus, small sampling and response errors may cumulate over several months. To remove this accumulated error, the estimates are usually adjusted annually to new benchmarks. In addition to taking account of sampling and response errors, the benchmark revision

Table M. Comparison of nonagricultural employment benchmarks and estimates for March 1981

Industry division	Benchmark, March 1981	Estimate, March 1981	Percent difference
Total	90,371,000	90,720,000	-0.4
Mining	1,107,000	1,084,000	2.1
Construction	3,934,000	4,048,000	-2.9
Manufacturing	20,085,000	20,016,000	.4
Transportation and public utilities	5,102,000	5,095,000	.1
Wholesale and retail trade	20,096,000	20,290,000	-1.0
Finance, insurance, and real estate	5,239,000	5,263,000	-.5
Services	18,340,000	18,287,000	.3
Government	16,468,000	16,493,000	-.2

Table N. Approximate size and coverage of BLS employment and payrolls sample, March 1981[1]

Industry division	Number of establishments in sample	Employees	
		Number reported	Percent of total
Total	177,500	35,740,500	40
Mining	2,400	387,000	35
Construction	17,300	677,000	17
Manufacturing	45,000	10,951,000	55
Transportation and public utilities:			
Railroad transportation (ICC)	37	459,500	92
Other transportation and public utilities	8,100	2,717,000	53
Wholesale and retail trade	43,900	3,398,000	17
Finance, insurance, and real estate	12,200	1,950,000	37
Services	28,700	3,787,000	21
Government:			
Federal[2]	4,900	2,769,000	100
State and local	15,000	8,645,000	63

[1] Since a few establishments do not report payroll and hours information, hours and earnings estimates may be based on a slightly smaller sample than employment estimates.

[2] National estimates of Federal employment by agency are provided to BLS by the Office of Personnel Management. Detailed industry estimates for the Executive Branch, as well as State and area estimates of Federal employment, are based on a sample of 4,900 reports covering about 60 percent of employment in Federal establishments.

adjusts the estimates for changes in the industrial classification of individual establishments (resulting from changes in their product which are not reflected in the levels of estimates until the data are adjusted to new benchmarks). In fact, at the more detailed industry levels, particularly within manufacturing, changes in classification are the major cause of benchmark adjustments. Another cause of differences arises from improvements in the quality of the benchmark data. Table O presents the average percent revisions of the six most recent benchmarks (excluding the March 1973 adjustment) for major industry divisions. Detailed descriptions of individual benchmark revisions are available from the Bureau upon request.

The hours and earnings estimates for basic estimating cells are not subject to benchmark revisions, although the broader groupings may be affected slightly by changes in employment weights. The hours and earnings estimates, however, are subject to sampling errors which may be expressed as relative errors of the estimates. (A relative error is a standard error expressed as a percent of the estimate.) Relative errors for major industries are presented in table O and for individual industries with the specified number of employees in table P. The chances are about 2 out of 3 that the hours and earnings estimates from the sample would differ by a smaller percentage than the relative error from the averages that would have been obtained from a complete census.

One measure of the reliability of the employment estimates for individual industries is the root-mean-square error (RMSE). The measure is the standard deviation adjusted for the bias in estimates:

$$\text{RMSE} = \sqrt{(\text{Standard Deviation})^2 + (\text{Bias})^2}$$

If the bias is small, the chances are about 2 out of 3 that an estimate from the sample would differ from its benchmark by less than the root-mean-square error. The chances are about 19 out of 20 that the difference would be less than twice the root-mean-square error.

Table O. Average benchmark revision in employment estimates and relative errors for average weekly hours and average hourly earnings by industry division

(In percent)

Industry division	Average benchmark revision in estimates of employment[1]	Relative errors[2]	
		Average weekly hours	Average hourly earnings
Total nonagricultural employment	0.3	–	–
Total private	.3	0.1	0.2
Mining	1.3	.5	.5
Construction	2.2	.2	.3
Manufacturing	.4	.1	.1
Durable goods	.4	.1	.1
Nondurable goods	.5	.1	.1
Transportation and public utilities	.4	.7	.4
Trade	.5	.1	.2
Wholesale	.7	.2	.3
Retail	.6	.2	.2
Finance, insurance, and real estate	.5	.2	.4
Services	.7	.4	.8
Government[3]	.5	–	–

[1] The average percent revision in employment for the following benchmarks: 1971, 1974, 1978, 1979, 1980 and 1981.
[2] Relative errors relate to March 1971 data.
[3] Estimates for government are based on a total count for Federal Government and, prior to the March 1979 revision,samples for State and local government benchmarked to a quinquennial census of government conducted by the Bureau of the Census.

Approximations of the root-mean-square errors (based on the most recent benchmark revisions) of differences between final estimates and benchmarks are presented in table P.

Table P. Root-mean-square errors of differences between benchmarks and estimates of employment and average relative errors for average weekly hours and average hourly earnings

Size of employment estimate	Root-mean-square error of employment estimates[1]	Relative errors[2] (in percent)	
		Average weekly hours	Average hourly earnings
50,000	2,100	0.9	1.5
100,000	4,400	.7	1.1
200,000	7,100	.5	.9
500,000	15,200	.4	.8
1,000,000	17,100	.3	.5
2,000,000	28,500	.3	.5

[1] Assuming 12-month intervals between benchmark revisions.
[2] Relative errors relate to March 1971 data.

For the two most recent months, estimates of employment, hours, and earnings are preliminary and are so footnoted in the tables. These figures are based on less than the total sample and are revised when all the reports in the sample have been received. Table Q presents root-mean-square errors of the amounts of revisions that may be expected between the preliminary and final levels of employment and preliminary and final month-to-month changes. Revisions of preliminary hours and earnings estimates are normally not greater than 0.1 of an hour for weekly hours and 1 cent for hourly earnings.

STATISTICS FOR STATES AND AREAS

State and area employment, hours, and earnings data are collected and prepared by State agencies in cooperation with BLS.

Table Q. Errors of preliminary employment estimates

Category	Root-mean-square error of—	
	Monthly level	Month-to-month change
INDUSTRY DIVISIONS		
Total nonagricultural employment	84,000	72,000
Goods-producing	39,000	34,000
Mining	5,000	5,000
Construction	18,000	16,000
Manufacturing	31,000	28,000
Durable two-digit industries	6,300	5,700
Nondurable two-digit industries	4,200	3,900
Service-producing	63,00	57,000
Transportation and public utilities	13,000	14,000
Wholesale and retail trade	30,000	27,000
Finance, insurance, and real estate	8,000	7,000
Services	31,000	25,000
Government	50,000	38,000

NOTE: Division level data are based on differences from January 1976 through December 1981. Two-digit industry data are based on differences from January 1981 through February 1982.

The area statistics relate to metropolitan areas. Definitions for all areas are published each year in the issue of *Employment and Earnings* that contains State and area annual averages (usually the May issue). Changes in definitions are noted as they occur. Additional industry detail may be obtained from the State agencies listed on the inside back cover of each issue. These statistics are based on the same establishment reports used by BLS for preparing national estimates. For employment, the sum of the State figures may differ slightly from the equivalent official U.S. totals on a national basis, because some States have more recent benchmarks than others and because of the effects of differing industrial and geographic stratification.

For the States and the areas shown in the B and C sections of this periodical, all the annual average data for the detailed industry statistics currently published by each cooperating State agency are presented in a summary volume published annually by the BLS.

PRODUCTIVITY DATA

Tables C-9, C-10, and C-11 are compiled by the Bureau of Labor Statistics from establishment data and from estimates of compensation and gross national product supplied by the U.S. Department of Commerce and the Federal Reserve Board.

Definitions

Hours of wage and salary workers in nonagricultural establishments refer to hours paid for all employees—production workers, nonsupervisory workers, and salaried workers.

Output is the constant-dollar market value of final goods and services produced in a given period. Indexes of *output per hour* of labor input, or labor productivity, measure changes in the volume of goods and services produced per unit of labor.

Compensation per hour includes wages and salaries of employees plus employers' contributions for social insurance and private benefit plans. The data also include an estimate of wages, salaries, and supplementary payments for the self-employed, except for nonfinancial corporations, in which there are no self-employed.

Real compensation per hour is compensation per hour adjusted to eliminate the effect of changes in the Consumer Price Index for All Urban Consumers (CPI-U).

Unit labor costs measure the labor compensation cost required to produce one unit of output and are derived by dviding compensation per hour by output per hour. *Unit nonlabor payments* include profits, depreciation, interest, and indirect taxes per unit of output. They are computed by subtracting compensation of all persons from the current-dollar gross national product and dividing by output. In these tables, unit nonlabor costs contain all the components of unit nonlabor payments except unit profits. *Unit profits* include corporate profits and inventory valuation adjustments per unit of output.

The *implicit price deflator* is derived by dividing the current-dollar estimate of gross product by the constant-dollar estimate, making the deflator, in effect, a price index for gross product of the sector reported.

Notes on the data

For the private business sector and the nonfarm business sector, these indexes relate to the gross domestic product less household and institutions, owner-occupied housing, and statistical discrepancy. For the nonfinancial corporate sector, the indexes refer to the gross domestic product of nonfinancial corporate business.

Manufacturing data have been revised to reflect the revisions in the Federal Reserve Board Index of Industrial Production. Output data are supplied by the Bureau of Economic Analysis, U.S. Department of Commerce, and the Federal Reserve Board. Quarterly measures have been adjusted by the Bureau of Labor Statistics to annual estimates of output (gross product originating) from the Bureau of Economic Analysis. Compensation and hours data are from the Bureau of Economic Analysis and the Bureau of Labor Statistics.

State and Area Unemployment Data
(D table)

FEDERAL-STATE COOPERATIVE PROGRAM

Labor force and unemployment estimates for States, labor market areas (LMA's), and other areas covered under Federal assistance programs are developed by State employment security agencies under a Federal-State cooperative program. The local unemployment estimates which are derived from standardized procedures developed by BLS are the basis of determining eligibility of an areas for benefits under Federal programs such as the Comprehensive Employment and Training Act, the Public Works Employment Act, and the Public Workers and Economic Development Act.

ESTIMATING METHODS

Labor force and unemployment in 10 large States: New York, California, Illinois, Ohio, New Jersey, Pennsylvania, Michigan, Texas, Massachusetts, and Florida; and two areas: Los Angeles-Long Beach metropolitan areas and New York City, are sufficiently reliable to be used directly from the CPS. For a description of the CPS concepts see "Household Data," above.

Monthly employment and unemployment estimates in the remaining 40 States and 214 labor market areas are prepared in several stages.

1. *Preliminary estimate—employment:* The total employment estimate is based primarily on data from the survey of establishments which produces an estimate of payroll employment. This place-of-work estimate must be adjusted to refer to place of residences as used in the CPS. Factors for adjusting from place of work to place of residence have been developed for the major categories of employment by class of worker and industry on the basis of employment relationships which existed at the time of the 1970 Decennial Census. These factors are applied to the payroll employment estimates for the current period to obtain adjusted employment estimates.

2. *Preliminary estimate—unemployment:* In the current month, the estimate of unemployment is an aggregate of the estimates for each of three building block categories: (1) Persons who were previously employed in industires covered by State unemployment insurance (UI) laws; (2) those previously employed in industires not covered by these laws; and (3) those who were entering the labor force for the first time or reentering after a period of separation. This is referred to below as the UI-based estimate.

An estimate for those previously employed in covered industries is derived from a count of current employment insurance claimants, plus estimates of claimants whose benefits have been exhausted, those persons disqualified from receiving benefits for nonmonetary reasons (because they quit, were discharged for cause, etc., but would otherwise have been eligible), and persons who either filed claims late or not at all.

The estimate of those previously employed in industries not covered by UI is derived by applying to the employment estimate for each noncovered industry or class of worker subgroup in the State, the ratio of covered unemployment to covered employment weighted by factors reflecting national historical relationships.

For the third category, new entrants and reentrants into the labor force, a composite estimate is developed from equations that relate the total entrants into the labor force to the experienced unemployed and

the experienced labor force. For each month, the estimate of entrants into the labor force is a function of: (a) the month of the year; (b) the level of experienced unemployed; (c) the level of the experienced labor force; and (d) proportion of the working age population that is considered "youth." The composite estimate of total entrants is defined as :

$U = A(X + E) + BX$, where
U = total entrant unemployment
E = total employment
X = total experienced unemployment
A,B = synthetic factors incoporating seasonal variation and an assumed relationship between the proportion of youths in the working population and the historical relationship of entrants to the experienced unemployed (B factor) or the experienced labor force (A factor).

3. *Correction factors for employment and unemployment* are then applied at the State level of the UI-based estimates obtained above for each of the 40 States and the District of Columbia. These correction factors are based on the ratio of the CPS to the UI-based estimates for the 6 month period ending in the current month (e.g. a 6-month moving average).

4. *Substate adjustment for additivity.* Independent estimates of employment and unemployment are prepared both for the State (obtained directly from the CPS in the 10 large States or by the UI-based method in the remaining States), and labor market areas (LMA's) withing the State. The total of the geographic areas in the LMA's exhausts the geographic boundries of the State. A proportional adjustment is applied to all substate LMA estimates to ensure that the substate estimates of employment and unemployment add to the independent State totals. In California and New York, which also have substate areas taken directly from the CPS, the additivity adjustment for the remaining areas is applied to the State total minus the direct CPS area.

5. *Benchmark correction procedures.* Once each year monthly estimates prepared by the State employment security agencies using UI-based estimating procedures are adjusted, or benchmarked, by BLS to the annual average CPS estimates for the 40 States for which monthly CPS estimates are not available. This adjustment is necessary because the State-prepared estimates are not as reliable as the CPS annual averages due to differences in State UI laws, the structual limitations of the UI-based estimating method, and errors in the UI data.

The benchmarked estimates are produced in three stages. First, the monthly UI-based estimates are adjusted by the ratio of the CPS to the UI-based annual averages, Second, the difference between the ratio of annual averages for two consecutive years is wedged into the monthly estimates in order to minimize the distrubance to the original series. Finally, the third-stage estimates are forced into agreement with CPS annual averages. In the 10 States which use CPS estimates monthly, no benchmark correction is required, as the average of the 12 monthly State CPS estimates will equal CPS annual averages.

Seasonal Adjustment

Over the course of a year, the size of the Nation's labor force, the levels of employment and unemployment, and other measures of labor market activity undergo sharp fluctuations due to such seasonal events as changes in weather, reduced or expanded production, harvests, major holidays, and the opening and closing of schools. Because these seasonal events follow a more or less regular pattern each year, their influence on statistical trends can be eliminated by adjusting these statistics from month to month. These adjustments make it easier to observe the cyclical and other nonseasonal movements in the series. In evaluating changes in a seasonally adjusted series, it is important to note that seasonal adjustment is merely an approximation based on past experience. Seasonally adjusted estimates have a broader margin of possible error than the original data on which they are based, since they are subject not only to sampling and other errors but are also affected by the uncertainties of the seasonal adjustment process itself. Seasonally adjusted series for selected labor force and establishment data are published regularly in *Employment and Earnings*.

The seasonal adjustment program used for these series are based on an *adaptation* of the standard ratio-to-moving average method. They provide for "moving" adjustment factors to take account of changing seasonal patterns. A detailed description of the method is given in the publication, *The X-11 Variant of the Census Method II Seasonal Adjustment Program*, Technical Paper No. 15, Bureau of the Census (1967).

Beginning in January 1980, the BLS introduced two major modifications in the seasonal adjustment methodology for data from the household survey. First, the data are being seasonally adjusted with a new procedure called X-11 ARIMA, which was developed at Statistics Canada as an extension of the existing standard X-11 method. A detailed description of the procedure appears in *The X-11 ARIMA Seasonal Adjustment Method*, by Estela Bee Dagum, Statistics Canada Catalouge No. 12-564-E, February 1980. The X-11 procedure was originally developed at the Bureau of the Census and had been used by the BLS to seasonally adjust labor force series since 1973. Tests have shown that use of the X-11 ARIMA procedure, which essentially place more emphasis on recent data, provides better seasonal adjustments than does the X-11 method alone.

The second change is that seasonal factors are now being calculated for use during the first 6 months of the year rather than for the entire year. In July of each year, the BLS will calculate and publish (in *Employment and Earnings)* a new set of seasonal factors for use in the second half, based on the experience through June. Revisions of historical data for the most recent 5 years will continued to be made once a year, at the beginning of each calendar year. However, as a result of the revisions to the estimates for 1970-81 based on 1980 census population counts, revisions to seasonally adjusted series in early 1982 were carried back to 1970.

All civilian labor force and unemployment rate statistics, as well as the major employment and unemployment estimates, are computed by aggregating independently adjusted series. For example, for each of the three major labor force components—agricultural employment, nonagricultural employment, and unemployment—data for four sex-age groups (males and females under and over 20 years of age) are separately adjusted for seasonal variation and are then added to derive seasonally adjusted total figures. In order to provide seasonally adjusted total employment and civilian labor force estimates, the appropriate series are aggregated. The official unemployment rate for all civilian workers is derived by dividing the estimate for total unemployment (the sum of 4 seasonally adjusted sex-age components) by the civilian labor force (the sum of 12 seasonally adjusted sex-age components).

Revised seasonally adjusted data for selected labor force series based on the experience through December 1981, new seasonal adjustment factors to be used to calculate the overall unemployment rate for the first 6 months of 1982, and a description of the current seasonal adjustment methodology are published in the February 1982 issue of *Employment and Earnings*. Revised seasonally adjusted data covering the 1970-81 revision period for a broader range of labor force series also appear in the February 1982 issue of this publication. Many additional series, which are either components or aggregates of the series presented, are available from the BLS upon request.

Beginning in July 1980, the BLS also uses the X-11 ARIMA methodology in seasonally adjusting the establishment data, which previously had been computed using the *BLS Seasonal Factor Method*. All series are seasonally adjusted using the multiplicative models under X-11 ARIMA. Seasonal adjustment factors used in calculating the current estimates are based on data through March of 1982. The ARIMA model options for projecting the data series for 1 year ahead have been used in seasonally adjusting the establishment series, introduced with June 1981 data.

Seasonal adjustment factors are directly applied to the component levels. Seasonally adjusted totals for most of these series are then obtained by taking a weighted average of the seasonally adjusted data for the component series. Seasonally adjusted average weekly earnings are the product of seasonally adjusted average hourly earnings and seasonally adjusted average weekly hours. Average weekly earnings in constant dollars, seasonally adjusted, are obtained by dividing average weekly earnings, seasonally adjusted, by the seasonally adjusted Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W), and multiplying by 100. Indexes of aggregate weekly hours, seasonally adjusted, are obtained by multiplying average weekly hours, seasonally adjusted, by production or nonsupervisory workers, seasonally adjusted, and dividing by the 1977 base. For total private, total goods-producing, total private service-producing, trade, manufacturing, and durable and nondurable goods industries, the indexes of aggregate weekly hours, seasonally adjusted, are obtained by summing the aggregate weekly hours, seasonally adjusted, for the appropriate component industries and dividing by the 1977 base.

Seasonally adjusted data are not published for a number of series characterized by small seasonal components relative to their trend-cycle and/or irregular components. Beginning with data for July 1981, these failed or unsatisfactory seasonally adjusted series are used in the aggregation to broader level seasonally adjusted series. In prior months, the unadjusted series were used in the aggregation process.

The seasonally adjusted establishment data for Federal Government are based on a series which excludes the Christmas temporary help employed by the Postal Service in December. The employment of these workers constitutes the only significant seasonal change in Federal Government employment during the winter months. Furthermore, the volume of such employment may change substantially from year to year because of administrative decisions by the Postal Service. Hence, it was considered desirable to exclude this group from the data upon which the seasonally adjusted series is based.

The revised seasonally adjusted series for the establishment data reflect experience through March 1982. Seasonal factors to be used for current adjustment appear in the June 1982 issue of *Employment and Earnings*.

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Calendar of Features

In addition to the monthly data appearing regularly in *Employment and Earnings*, special features appear in most of the issues as shown below.

Household data

Annual averages	Jan.
Revised seasonally adjusted series	Feb.
Quarterly averages: Seasonally adjusted data, persons not in labor force, persons of Hispanic origin, Vietnam-era veterans, and nonveterans, poverty status of families and persons, data on families (characteristics, work experience), and data on multiple jobholders	Mar., Apr., July, Oct.

Establishment data

National annual averages:	
Industry divisions (preliminary)	Jan.
Industry detail (final)	Mar.
Women employees in nonfarm industries	May
National hours and earnings (preliminary)	June
Revised historical national data, adjusted to new benchmarks	September
Revised seasonally adjusted series	June
State and area annual averages	May
Area definitions	May

State and area unemployment data

Annual averages	Feb.

The wide-line divisions are monthly issues. The June 1982 issue terminated March 1982 benchmarks.

Number of publication's annual supplement issues. The annual supplement was published in June 1982.

Three issues. Labor force data terminated June 1982.

Employment and Earnings

Vol. 29 No. 10 October 1982

Editors: Gloria P. Green, Gloria P. Goings, Rosalie K. Epstein

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Employment and Unemployment Developments, September 1982

The Nation's unemployment rate rose to 10.1 percent in September, and the number of jobs in nonagricultural establishments declined, after seasonal adjustment. The unemployment rate was 9.8 percent in August. Since the pre-recession peak of July 1981, the overall rate has risen by 2.9 percentage points.

Total employment—as measured by the monthly survey of households—was about unchanged in September at 99.7 million. Nonfarm payroll employment—as measured by the monthly survey of establishments—dropped by 230,000 to 89.0 million. Employment declines continued in the manufacturing sector, and the factory workweek was down four-tenths of an hour.

Unemployment

After seasonal adjustment, unemployment rose by 450,000 in September to 11.3 million, and the overall unemployment rate rose three-tenths of a point to 10.1 percent. Adult men—especially those over 25 years of age—accounted for nearly all of the September increase in unemployment. Their unemployment usually declines at this time of year, but did not do so this September. After seasonal adjustment, the jobless rate for men 20 and over rose to 9.6 percent. Unemployment rates for adult women and teenagers were about unchanged at 8.3 percent and 23.7 percent, respectively. The increase in unemployment was reflected in the jobless rates of both white (9.0 percent) and black (20.2 percent) workers, whereas the incidence of joblessness among Hispanics was unchanged at 14.6 percent. (See tables A-33 and A-35.)

Joblessness among blue-collar workers was up 1.4 points to 15.6 percent, while unemployment among white-collar (4.8 percent) and service workers (10.7 percent) was unchanged over the month. Among the major industry groups, unemployment rates for construction and manufacturing workers rose to 22.6 percent and 13.8 percent, respectively. (See table A-36.)

The number of unemployed persons seeking work for 15 weeks or longer was up in September, with the increase concentrated among those out of work for more than 6 months. Both the mean and median duration of unemployment rose, the mean to 16.6 weeks and the median to 9.5 weeks. (See table A-37.)

In addition to the increase in joblessness in September, there was also a large increase after seasonal adjustment in the number of nonagricultural workers on part-time schedules for economic reasons; their number was up 950,000 over the month to a record 6.6 million. These are workers whose hours were cut back or could only find part-time jobs. (See table A-42.)

The labor force and total employment

The civilian labor force grew by 340,000 in September to 111.0 million, seasonally adjusted. Virtually all of this increase took place among adult men. Adult women, however, have accounted for the largest share of the 2.3 million increase in the labor force over the past year—1.7 million. Over this same period, the number of adult men in the labor force has increased by more than 900,000, while the number of teenagers has dropped by over 300,000. (See table A-33.)

Employment was about unchanged in September at 99.7 million, seasonally adjusted. Since the pre-recession peak in July 1981, total employment has dropped by 1.1 million, with adult men accounting for virtually the entire decline. The proportion of the population employed, at 57.0 percent in September, has declined by 1.5 percentage points over the same period.

Discouraged workers

The number of discouraged workers (persons who report that they want to work but are not looking for jobs because they believe they could not find any) rose for the fifth consecutive quarter, reaching 1.6 million in the third quarter of 1982. All of the third quarter increase (120,000) was among women. Three-fourths of all discouraged workers were not seeking work because of job-market factors. (See table A-53.)

Industry payroll employment

Nonagricultural payroll employment, at 89.0 million in September, was down 230,000 over the month after seasonal adjustment and has fallen by nearly 2.4 million since July 1981. Over-the-month reductions were concentrated in the durable goods manufacturing industries, which lost 80,000 jobs; retail trade, down 45,000; and State and local government, which declined by 90,000. (See table B-4.)

Among the durable goods industries, transportation equipment employment decreased for the second month in a row, dropping by 30,000 in September and 70,000 since August. Machinery also continued to decline, losing an additional 20,000 jobs over the month, while primary and fabricated metals jobs were down by smaller margins. There was little movement among the individual nondurable goods industries. Overall, manufacturing employment was down by 85,000 over the month and has declined by 1.8 million since July 1981. Employment was about unchanged over the month in mining and construction.

Employment in the service-producing sector, which had shown some strength early in the recession, declined by 140,000 in September and was down more than 400,000 from last May. The over-the-month drop was due entirely to the job losses in trade and State and local government. Most of the seasonally adjusted decline in State and local government resulted from the fact that September hiring in schools was less than usual for this time of year, as school systems continued to adjust to smaller enrollments and tighter budgets; a small part of the decline was due to teacher strikes.

Hours of work

The average workweek of production or nonsupervisory workers on private nonagricultural payrolls was 34.8 hours in September, seasonally adjusted, about the level that has generally prevailed since last September. The factory workweek, however, fell 0.4 hour over the month to 38.6 hours, which was below the 1973-75 recession low. Factory overtime was down 0.1 hour to 2.3 hours in September. (See table C-6.)

The index of aggregate weekly hours of production or nonsupervisory workers on private nonfarm payrolls declined 0.3 percent in September to 103.8 (1977 = 100). The manufacturing index was down 1.4 percent over the month to 85.2 and has fallen more than 12 percent over the past year. (See table C-7.)

Hourly and weekly earnings

Average hourly and weekly earnings both fell 0.1 percent in September, after seasonal adjustment. Before adjustment for seasonality, average hourly earnings were up 7 cents to $7.76, 36 cents above the year-earlier level. Average weekly earnings, at $270.05, were down 64 cents over the month but rose by $10.31 over the year. (See tables C-1 and C-8.)

The Hourly Earnings Index

The Hourly Earnings Index (HEI) was 149.9 (1977 = 100) in September, seasonally adjusted, 0.1 percent higher than in August. For the 12 months ended in September, the increase (before seasonal adjustment) was 6.0 percent. The HEI excludes the effects of two types of changes unrelated to underlying wage rate movements—fluctuations in overtime in manufacturing and interindustry employment shifts. In dollars of constant purchasing power, the HEI increased 0.8 percent during the 12-month period ended in August. (See table C-8.)

A-1. Employment status of the noninstitutional population 18 years and over, 1947 to date

(Numbers in thousands)

Year and month	Total noninstitutional population	Total labor force		Civilian labor force						Not in labor force
					Employed			Unemployed		
		Number	Percent of population	Total	Total	Agriculture	Nonagricultural industries	Number	Percent of labor force	
	Annual averages									
1947	103,418	60,941	58.9	59,350	57,038	7,890	49,148	2,311	3.9	42,477
1948	104,527	62,080	59.4	60,621	58,343	7,629	50,714	2,276	3.8	42,447
1949	105,611	62,903	59.6	61,286	57,651	7,658	49,993	3,637	5.9	42,708
1950	106,645	63,858	59.9	62,208	58,918	7,160	51,758	3,288	5.3	42,787
1951	107,721	65,117	60.4	62,017	59,961	6,726	53,235	2,055	3.3	42,604
1952	108,823	65,730	60.4	62,138	60,250	6,500	53,749	1,883	3.0	43,093
1953[1]	110,601	66,560	60.2	63,015	61,179	6,260	54,919	1,834	2.9	44,041
1954	111,671	66,993	60.0	63,643	60,109	6,205	53,904	3,532	5.5	44,678
1955	112,732	68,072	60.4	65,023	62,170	6,450	55,722	2,852	4.4	44,660
1956	113,811	69,409	61.0	66,552	63,799	6,283	57,514	2,750	4.1	44,402
1957	115,065	69,729	60.6	66,929	64,071	5,947	58,123	2,859	4.3	45,336
1958	116,363	70,275	60.4	67,639	63,036	5,586	57,450	4,602	6.8	46,088
1959	117,881	70,921	60.2	68,369	64,630	5,565	59,065	3,740	5.5	46,960
1960[1]	119,759	72,142	60.2	69,628	65,778	5,458	60,318	3,852	5.5	47,617
1961	121,343	73,031	60.2	70,459	65,746	5,200	60,546	4,714	6.7	48,312
1962	122,981	73,442	59.7	70,614	66,702	4,944	61,759	3,911	5.5	49,539
1963	125,154	74,571	59.6	71,833	67,762	4,687	63,076	4,070	5.7	50,583
1964	127,224	75,830	59.6	73,091	69,305	4,523	64,782	3,786	5.2	51,394
1965	129,236	77,178	59.7	74,455	71,088	4,361	66,726	3,366	4.5	52,058
1966	131,180	78,893	60.1	75,770	72,895	3,979	68,915	2,875	3.8	52,288
1967	133,319	80,793	60.6	77,347	74,372	3,844	70,527	2,975	3.8	52,527
1968	135,562	82,272	60.7	78,737	75,920	3,817	72,103	2,817	3.6	53,291
1969	137,841	84,240	61.1	80,734	77,902	3,606	74,296	2,832	3.5	53,602
1970	140,272	85,959	61.3	82,771	78,678	3,463	75,215	4,093	4.9	54,315
1971	143,033	87,198	61.0	84,382	79,367	3,394	75,972	5,016	5.9	55,834
1972[1]	146,574	89,484	61.1	87,034	82,153	3,484	78,669	4,882	5.6	57,091
1973[1]	149,423	91,756	61.4	89,429	85,064	3,470	81,594	4,365	4.9	57,667
1974	152,349	94,179	61.8	91,949	86,794	3,515	83,279	5,156	5.6	58,171
1975	155,333	95,955	61.8	93,775	85,846	3,408	82,438	7,929	8.5	59,377
1976	158,294	98,302	62.1	96,158	88,752	3,331	85,421	7,406	7.7	59,991
1977	161,166	101,142	62.8	99,009	92,017	3,283	88,734	6,991	7.1	60,025
1978[1]	164,027	104,368	63.6	102,251	96,048	3,387	92,661	6,202	6.1	59,659
1979	166,951	107,050	64.1	104,962	98,824	3,347	95,477	6,137	5.8	59,900
1980	169,848	109,042	64.2	106,940	99,303	3,364	95,938	7,637	7.1	60,806
1981	172,272	110,612	64.3	108,670	100,397	3,368	97,030	8,273	7.6	61,460
	Monthly data, seasonally adjusted[2]									
1981:										
September	172,758	110,659	64.1	108,494	100,258	3,358	96,900	8,236	7.6	62,099
October	172,966	111,170	64.3	109,012	100,343	3,378	96,965	8,669	8.0	61,797
November	173,155	111,430	64.4	109,272	100,172	3,372	96,800	9,100	8.3	61,724
December	173,330	111,348	64.2	109,184	99,613	3,209	96,404	9,571	8.8	61,982
1982:										
January	173,495	111,038	64.0	108,879	99,581	3,411	96,170	9,298	8.5	62,456
February	173,657	111,333	64.1	109,165	99,590	3,373	96,217	9,575	8.8	62,324
March	173,843	111,521	64.2	109,346	99,492	3,349	96,144	9,854	9.0	62,321
April	174,020	111,624	64.3	109,648	99,340	3,309	96,032	10,307	9.4	62,197
May	174,201	112,881	64.8	110,666	100,117	3,488	96,629	10,549	9.5	61,360
June	174,364	112,364	64.4	110,191	99,764	3,357	96,406	10,427	9.5	61,999
July	174,544	112,702	64.6	110,522	99,732	3,460	96,272	10,790	9.8	61,842
August	174,707	112,840	64.6	110,644	99,839	3,435	96,404	10,805	9.8	61,867
September	174,889	113,178	64.7	110,980	99,720	3,368	96,352	11,260	10.1	61,710

[1] Not strictly comparable with prior years. For an explanation, see "Historic Comparability" under Household Data section of Explanatory Notes.

[2] Because seasonality, by definition, does not exist in population figures, data for "total noninstitutional population" are not seasonally adjusted.

HOUSEHOLD DATA
HISTORICAL

A-2. Employment status of the noninstitutional population 16 years and over by sex, 1972 to date

(Numbers in thousands)

Sex, year, and month	Total noninstitutional population	Total labor force		Civilian labor force						Not in labor force
					Employed			Unemployed		
		Number	Percent of population	Total	Total	Agriculture	Nonagricultural industries	Number	Percent of labor force	
MALES	**Annual averages**									
1972[1]	70,241	55,961	79.7	53,555	50,896	2,849	48,047	2,659	5.0	14,280
1973[1]	71,567	56,900	79.5	54,624	52,349	2,847	49,502	2,275	4.2	14,667
1974	72,971	57,902	79.3	55,739	53,024	2,919	50,105	2,714	4.9	15,069
1975	74,383	58,390	78.5	56,299	51,857	2,824	49,032	4,442	7.9	15,993
1976	75,798	59,212	78.1	57,174	53,138	2,744	50,394	4,036	7.1	16,585
1977	77,211	60,414	78.2	58,396	54,728	2,671	52,057	3,667	6.3	16,797
1978[1]	78,569	61,613	78.4	59,620	56,479	2,718	53,761	3,142	5.3	16,956
1979	79,968	62,676	78.4	60,726	57,607	2,686	54,921	3,120	5.1	17,293
1980	81,341	63,396	77.9	61,453	57,186	2,709	54,477	4,267	6.9	17,945
1981	82,476	63,939	77.5	61,974	57,397	2,700	54,697	4,577	7.4	18,537
	Monthly data, seasonally adjusted[2]									
1981:										
September	82,707	63,960	77.3	61,977	57,471	2,687	54,784	4,506	7.3	18,747
October	82,807	64,040	77.3	62,064	57,266	2,715	54,551	4,798	7.7	18,767
November	82,895	64,158	77.4	62,184	57,051	2,668	54,383	5,133	8.3	18,737
December	82,978	64,283	77.5	62,303	56,725	2,590	54,135	5,578	9.0	18,696
1982:										
January	83,054	63,941	77.0	61,966	56,629	2,698	53,931	5,338	8.6	19,113
February	83,129	64,025	77.0	62,042	56,658	2,693	53,965	5,384	8.7	19,104
March	83,218	64,069	77.0	62,082	56,472	2,667	53,805	5,610	9.0	19,149
April	83,303	64,234	77.1	62,247	56,401	2,661	53,739	5,846	9.4	19,068
May	83,389	64,435	77.8	62,849	56,820	2,797	54,023	6,029	9.6	18,553
June	83,464	64,270	77.0	62,287	56,223	2,724	53,498	6,065	9.7	19,193
July	83,550	64,343	77.0	62,353	56,192	2,796	53,396	6,161	9.9	19,207
August	83,627	64,464	77.1	62,460	56,210	2,781	53,429	6,250	10.0	19,162
September	83,712	64,860	77.5	62,852	56,148	2,715	53,433	6,704	10.7	18,853
FEMALES	**Annual averages**									
1972[1]	76,333	33,522	43.9	33,479	31,257	635	30,622	2,222	6.6	42,811
1973[1]	77,855	34,855	44.8	34,804	32,715	622	32,093	2,089	6.0	43,000
1974	79,379	36,278	45.7	36,211	33,769	596	33,173	2,441	6.7	43,101
1975	80,949	37,565	46.4	37,475	33,989	584	33,404	3,486	9.3	43,386
1976	82,496	39,089	47.4	38,983	35,615	588	35,027	3,369	8.6	43,406
1977	83,955	40,728	48.5	40,613	37,289	612	36,677	3,324	8.2	43,227
1978[1]	85,459	42,755	50.0	42,631	39,569	669	38,900	3,061	7.2	42,703
1979	86,983	44,375	51.0	44,235	41,217	661	40,556	3,018	6.8	42,608
1980	88,507	45,646	51.6	45,487	42,117	656	41,461	3,370	7.4	42,861
1981	89,796	46,873	52.2	46,696	43,000	667	42,333	3,696	7.9	42,922
	Monthly data, seasonally adjusted[2]									
1981:										
September	90,051	46,699	51.9	46,517	42,787	671	42,116	3,730	8.0	43,352
October	90,159	47,129	52.3	46,948	43,077	663	42,414	3,871	8.2	43,030
November	90,259	47,272	52.4	47,088	43,121	704	42,417	3,967	8.4	42,987
December	90,352	47,066	52.1	46,881	42,888	619	42,269	3,993	8.5	43,286
1982:										
January	90,441	47,057	52.1	46,913	42,952	713	42,239	3,960	8.4	43,343
February	90,528	47,308	52.3	47,123	42,932	680	42,251	4,191	8.9	43,220
March	90,625	47,452	52.4	47,264	43,020	682	42,339	4,243	9.0	43,173
April	90,718	47,589	52.5	47,401	42,940	647	42,292	4,461	9.4	43,128
May	90,813	48,005	52.9	47,817	43,297	691	42,606	4,520	9.5	42,807
June	90,900	48,094	52.9	47,904	43,541	633	42,908	4,362	9.1	42,806
July	90,995	48,360	53.1	48,169	43,540	664	42,875	4,629	9.6	42,635
August	91,081	48,377	53.1	48,185	43,630	655	42,975	4,555	9.5	42,704
September	91,176	48,320	53.0	48,129	43,572	653	42,919	4,556	9.5	42,856

[1] Not strictly comparable with prior years. For an explanation, see "Historic Comparability" under Household Data section of Explanatory Notes.

[2] Because seasonality, by definition, does not exist in population figures, data for "total noninstitutional population" are not seasonally adjusted.

A-3. Employment status of the noninstitutional population by sex, age, and race

(Numbers in thousands)

Sex, age, and race	September 1982									
	Total labor force		Civilian labor force				Not in labor force				
					Unemployed						
	Number	Percent of population	Total	Employed	Number	Percent of labor force	Total	Keeping house	Going to school	Unable to work	Other reasons
MALES											
16 years and over	64,304	76.8	62,296	56,335	5,961	9.6	19,409	393	4,713	1,409	12,894
16 to 21 years	7,635	63.1	7,224	5,630	1,594	22.1	4,578	16	3,860	21	680
16 to 19 years	4,382	54.3	4,147	3,124	1,024	24.7	3,691	12	3,183	12	483
16 to 17 years	1,577	40.6	1,565	1,119	446	28.5	2,305	--	2,124	1	180
18 to 19 years	2,805	66.9	2,582	2,004	577	22.4	1,386	12	1,059	11	304
20 to 64 years	58,047	89.0	56,274	51,414	4,860	8.6	7,181	175	1,527	1,016	4,462
20 to 24 years	9,254	84.9	8,470	7,126	1,344	15.9	1,650	12	1,132	52	455
25 to 54 years	41,522	94.2	40,535	37,362	3,172	7.8	2,573	108	390	546	1,529
25 to 29 years	9,674	94.3	9,277	8,250	1,027	11.1	585	18	232	58	276
30 to 34 years	8,622	95.4	8,556	7,837	719	8.4	429	18	91	74	246
35 to 39 years	7,379	95.9	7,181	6,672	509	7.1	319	22	40	64	193
40 to 44 years	5,818	94.8	5,729	5,375	354	6.2	320	19	15	80	206
45 to 49 years	5,003	93.3	4,974	4,707	267	5.4	360	15	3	111	231
50 to 54 years	4,825	89.6	4,817	4,522	296	6.1	562	16	9	160	376
55 to 64 years	7,271	71.1	7,270	6,925	345	4.7	2,956	54	5	418	2,479
55 to 59 years	4,469	83.0	4,467	4,246	222	5.0	917	30	5	168	714
60 to 64 years	2,803	57.9	2,802	2,680	123	4.4	2,040	24	1	250	1,765
65 years and over	1,875	18.0	1,875	1,798	77	4.1	8,537	206	3	381	7,948
65 to 69 years	1,051	26.8	1,051	1,005	46	4.4	2,873	50	--	99	2,724
70 years and over	824	12.7	824	793	31	3.7	5,665	156	3	282	5,223
White											
16 years and over	56,507	77.6	54,964	50,354	4,610	8.4	16,343	315	3,684	1,111	11,233
16 to 21 years	6,751	65.4	6,279	5,063	1,216	19.4	3,572	11	3,061	18	481
16 to 19 years	3,836	57.3	3,649	2,861	788	21.6	2,856	8	2,498	10	341
16 to 17 years	1,433	44.7	1,424	1,047	377	26.5	1,770	--	1,648	1	122
18 to 19 years	2,403	68.9	2,226	1,814	411	18.5	1,087	9	850	8	219
20 to 64 years	50,961	89.8	49,605	45,849	3,755	7.6	5,768	127	1,185	794	3,663
20 to 24 years	7,889	86.1	7,306	6,292	1,013	13.9	1,271	10	902	39	320
25 to 54 years	36,468	95.0	35,695	33,243	2,452	6.9	1,913	74	282	407	1,150
25 to 34 years	16,066	95.7	15,564	14,250	1,314	8.4	726	29	247	94	356
35 to 44 years	11,649	96.2	11,410	10,730	680	6.0	460	26	26	115	294
45 to 54 years	8,753	92.3	8,721	8,262	458	5.3	726	20	8	198	500
55 to 64 years	6,605	71.9	6,603	6,314	289	4.4	2,586	42	1	349	2,193
55 to 59 years	4,045	83.9	4,048	3,861	187	4.6	776	23	--	138	615
60 to 64 years	2,556	58.5	2,555	2,453	102	4.0	1,809	19	1	211	1,578
65 years and over	1,710	18.1	1,710	1,644	67	3.9	7,718	180	2	307	7,229
Black and other											
16 years and over	7,797	71.8	7,332	5,981	1,351	18.4	3,066	78	1,029	298	1,661
16 to 21 years	1,084	51.9	945	566	378	40.0	1,006	5	799	3	199
16 to 19 years	546	39.6	498	262	235	47.3	834	4	685	2	142
16 to 17 years	144	21.2	142	73	69	48.9	535	1	476	--	57
18 to 19 years	402	57.3	356	190	166	46.6	299	3	209	2	85
20 to 64 years	7,086	83.4	6,669	5,565	1,105	16.6	1,411	48	342	222	799
20 to 24 years	1,365	78.3	1,164	834	330	28.4	379	2	229	14	135
25 to 54 years	5,055	88.4	4,840	4,119	719	14.9	662	34	109	139	379
25 to 34 years	2,431	89.4	2,269	1,837	432	19.0	288	7	76	38	167
35 to 44 years	1,548	89.7	1,500	1,317	184	12.2	178	15	30	29	105
45 to 54 years	1,076	84.6	1,070	966	104	9.8	195	12	4	72	108
55 to 64 years	666	64.3	666	611	55	8.3	371	14	4	69	286
55 to 59 years	419	74.9	419	385	35	8.3	140	7	4	30	99
60 to 64 years	247	51.7	247	226	21	8.3	230	5	--	39	187
65 years and over	165	16.7	165	154	10	6.3	820	26	1	74	719

HOUSEHOLD DATA

A-3 Employment status of the noninstitutional population by sex, age, and race—Continued

(Numbers in thousands)

Sex, age, and race	September 1982										
	Total labor force		Civilian labor force				Not in labor force				
	Number	Percent of population	Total	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
					Number	Percent of labor force					
FEMALES											
16 years and over	48,440	53.1	48,250	43,516	4,734	9.8	42,736	30,915	4,620	1,015	6,186
16 to 21 years	6,852	56.5	6,788	5,445	1,342	19.8	5,270	1,062	3,787	14	408
16 to 19 years	3,965	50.5	3,942	3,029	913	23.2	3,892	467	3,124	10	291
16 to 17 years	1,504	39.9	1,503	1,155	348	23.2	2,261	83	2,090	--	87
18 to 19 years	2,461	60.1	2,439	1,874	565	23.2	1,631	384	1,034	10	203
20 to 64 years	41,435	63.4	41,067	39,285	1,782	8.8	24,994	20,532	1,496	942	2,525
20 to 24 years	7,585	70.3	7,493	6,487	1,005	13.4	3,211	1,901	861	23	326
25 to 54 years	30,698	67.0	30,570	28,039	2,532	8.3	15,076	13,189	537	206	1,144
25 to 29 years	7,286	70.1	7,237	6,472	765	10.6	3,102	2,633	229	16	225
30 to 34 years	6,370	67.4	6,352	5,725	627	9.9	3,083	2,716	138	34	195
35 to 39 years	5,418	66.2	5,413	4,985	429	7.9	2,528	2,276	73	23	156
40 to 44 years	4,438	69.4	4,436	4,141	296	6.7	1,971	1,760	38	22	159
45 to 49 years	3,722	65.5	3,721	3,513	209	5.6	1,959	1,708	28	46	176
50 to 54 years	3,411	58.4	3,411	3,204	206	6.0	2,433	2,096	20	65	251
55 to 64 years	5,004	42.7	5,004	4,759	245	4.9	6,708	5,441	19	233	1,035
55 to 59 years	3,063	50.6	3,063	2,901	161	5.3	2,988	2,503	19	107	359
60 to 64 years	1,941	34.3	1,941	1,858	83	4.3	3,720	2,938	--	106	676
65 years and over	1,241	8.2	1,241	1,202	39	3.1	13,850	9,916	--	563	3,370
65 to 69 years	757	15.4	757	732	25	3.3	4,151	3,181	--	95	876
70 years and over	483	4.7	483	470	14	2.9	9,698	6,736	--	469	2,494
White											
16 years and over	41,517	52.9	41,382	37,821	3,561	8.6	36,963	27,361	3,555	814	5,233
16 to 21 years	5,995	59.6	5,956	4,956	998	16.8	4,864	829	2,937	12	287
16 to 19 years	3,494	53.8	3,478	2,786	692	19.9	2,999	364	2,429	7	199
16 to 17 years	1,325	42.8	1,319	1,059	270	20.3	1,726	67	1,641	1	66
18 to 19 years	2,169	63.9	2,159	1,727	422	19.6	1,273	296	788	7	133
20 to 64 years	36,305	63.2	36,186	33,351	2,834	7.7	21,464	17,937	1,126	348	2,052
20 to 24 years	6,476	72.0	6,412	5,697	715	11.2	2,521	1,535	733	20	232
25 to 54 years	26,020	66.8	25,966	24,058	1,908	7.3	12,924	11,451	378	157	938
25 to 34 years	11,644	68.7	11,596	10,679	1,018	8.9	5,317	4,588	265	41	423
35 to 44 years	8,405	68.4	8,400	7,840	560	6.7	3,876	3,505	74	31	266
45 to 54 years	6,171	61.7	6,170	5,840	330	5.4	3,831	3,358	39	86	349
55 to 64 years	8,408	42.3	8,408	8,196	212	4.8	6,020	4,952	14	171	882
55 to 59 years	4,680	50.1	4,680	4,541	139	5.2	4,671	4,472	14	78	308
60 to 64 years	3,729	34.9	3,728	3,655	73	4.2	3,348	2,680	--	94	575
65 years and over	1,118	8.2	1,118	1,084	35	3.1	12,500	9,060	--	459	2,982
Black and other											
16 years and over	6,923	54.5	6,868	5,695	1,172	17.1	5,773	3,554	1,065	200	953
16 to 21 years	853	41.4	833	489	344	41.3	1,206	233	850	2	121
16 to 19 years	471	34.5	464	243	221	47.6	893	103	695	3	92
16 to 17 years	174	26.4	174	96	78	44.7	485	16	449	--	21
18 to 19 years	296	42.1	290	147	143	49.4	407	88	246	3	71
20 to 64 years	6,331	64.2	6,282	5,334	947	15.1	3,530	2,594	370	93	473
20 to 24 years	1,109	61.7	1,081	791	290	26.9	690	366	128	3	94
25 to 54 years	4,625	68.2	4,604	3,960	644	13.6	2,153	1,739	159	49	207
25 to 34 years	2,212	65.6	2,193	1,818	375	17.1	968	760	102	9	96
35 to 44 years	1,451	70.0	1,450	1,288	164	11.3	623	531	28	14	50
45 to 54 years	962	63.2	962	877	85	8.8	561	447	9	25	81
55 to 64 years	596	46.4	596	563	33	5.5	688	489	4	42	153
55 to 59 years	383	54.8	383	361	22	5.9	316	231	4	29	51
60 to 64 years	213	36.4	213	202	10	4.8	372	258	--	12	101
65 years and over	122	8.3	122	118	4	3.6	1,350	857	--	105	388

A-4. Labor force by sex, age, and race

Sex, age, and race	Total labor force				Civilian labor force			
	Thousands of persons		Participation rates		Thousands of persons		Participation rates	
	Sept. 1981	Sept. 1982	Sept. 1981	Sept. 1982	Sept. 1981	Sept. 1982	Sept. 1981	Sept. 1982
MALES								
16 years and over	63,827	64,304	76.9	76.8	61,643	62,296	76.4	76.2
16 to 19 years	4,695	4,382	56.4	54.3	4,425	4,147	54.9	52.9
16 to 17 years	1,806	1,577	44.1	40.6	1,787	1,565	44.1	40.5
18 to 19 years	2,889	2,805	68.0	66.9	2,638	2,582	66.0	65.1
20 to 24 years	5,321	5,256	85.6	84.9	5,559	5,470	84.5	83.7
25 to 54 years	40,623	41,522	94.2	94.2	39,673	40,535	94.1	94.0
25 to 34 years	18,219	18,497	95.0	94.8	17,578	17,833	94.9	94.6
35 to 44 years	12,551	13,197	95.6	95.4	12,279	12,910	95.5	95.3
45 to 54 years	9,852	9,828	91.1	91.4	9,816	9,791	91.1	91.4
55 to 64 years	7,131	7,271	70.1	71.1	7,129	7,270	70.1	71.1
55 to 59 years	4,367	4,469	80.6	83.0	4,366	4,467	80.6	83.0
60 to 64 years	2,763	2,803	58.2	57.9	2,763	2,802	58.2	57.9
65 years and over	1,858	1,875	18.2	18.0	1,858	1,875	18.2	18.0
White								
16 years and over	56,135	56,507	77.7	77.6	54,647	54,964	77.1	77.1
16 to 19 years	3,781	3,436	60.1	57.3	3,568	3,249	58.9	56.1
16 to 17 years	1,648	1,433	48.6	44.7	1,631	1,424	48.4	44.6
18 to 19 years	2,533	2,403	71.1	68.9	2,337	2,226	69.4	67.2
20 to 24 years	7,583	7,889	86.5	86.1	7,420	7,706	85.6	85.2
25 to 54 years	35,813	36,468	95.0	95.0	35,063	35,695	95.0	94.9
25 to 34 years	15,923	16,066	96.0	95.7	15,430	15,564	95.9	95.5
35 to 44 years	11,052	11,649	96.1	96.2	10,826	11,410	96.0	96.1
45 to 54 years	8,838	8,753	92.1	92.3	8,807	8,721	92.0	92.3
55 to 64 years	6,492	6,605	71.0	71.9	6,491	6,603	71.0	71.9
55 to 59 years	3,956	4,049	81.5	83.9	3,954	4,048	81.5	83.9
60 to 64 years	2,537	2,556	59.1	58.5	2,537	2,555	59.1	58.5
65 years and over	1,706	1,710	18.4	18.1	1,706	1,710	18.4	18.1
Black and other								
16 years and over	7,451	7,797	71.3	71.8	6,996	7,332	70.0	70.5
16 to 19 years	514	546	37.5	39.6	456	498	34.7	37.4
16 to 17 years	158	144	23.1	21.2	156	142	22.8	21.0
18 to 19 years	356	402	52.0	57.3	301	356	47.8	54.3
20 to 24 years	1,338	1,365	80.6	78.3	1,139	1,164	78.0	75.8
25 to 54 years	4,808	5,055	88.4	88.4	4,611	4,840	88.0	88.0
25 to 34 years	2,296	2,431	88.7	89.4	2,148	2,269	88.0	88.7
35 to 44 years	1,499	1,548	91.8	89.7	1,453	1,500	91.6	89.4
45 to 54 years	1,014	1,076	83.4	84.6	1,009	1,070	83.3	84.6
55 to 64 years	638	666	62.4	64.3	638	666	62.4	64.3
55 to 59 years	412	419	72.6	74.9	412	419	72.6	74.9
60 to 64 years	227	247	49.8	51.7	227	247	49.8	51.7
65 years and over	152	165	15.8	16.7	152	165	15.8	16.7

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A-4. Labor force by sex, age, and race—Continued

Sex, age, and race	Total labor force				Civilian labor force			
	Thousands of persons		Participation rates		Thousands of persons		Participation rates	
	Sept. 1981	Sept. 1982	Sept. 1981	Sept. 1982	Sept. 1981	Sept. 1982	Sept. 1981	Sept. 1982
FEMALES								
16 years and over	46,811	48,440	52.0	53.1	46,629	48,250	51.9	53.0
16 to 19 years	4,036	3,965	49.8	50.5	4,008	3,942	49.6	50.3
16 to 17 years	1,562	1,504	39.5	39.9	1,561	1,503	39.5	39.9
18 to 19 years	2,474	2,461	59.6	60.1	2,447	2,439	59.4	59.9
20 to 24 years	7,520	7,585	69.6	70.3	7,432	7,493	69.3	70.0
25 to 54 years	26,291	30,646	65.4	67.0	29,225	30,570	65.4	67.0
25 to 34 years	13,092	13,656	67.1	68.8	13,033	13,589	67.0	68.7
35 to 44 years	9,211	9,856	67.5	68.7	9,206	9,850	67.5	68.6
45 to 54 years	6,587	7,133	60.2	61.9	6,986	7,132	60.2	61.9
55 to 64 years	4,785	5,004	41.2	42.7	4,785	5,004	41.2	42.7
55 to 59 years	3,025	3,063	49.7	50.6	3,025	3,063	49.7	50.6
60 to 64 years	1,760	1,941	31.8	34.3	1,760	1,941	31.8	34.3
65 years and over	1,179	1,241	8.0	8.2	1,179	1,241	8.0	8.2
White								
16 years and over	40,201	41,517	51.7	52.9	40,069	41,382	51.6	52.8
16 to 19 years	3,668	3,494	52.5	53.8	3,588	3,478	53.4	53.7
16 to 17 years	1,415	1,329	43.3	42.8	1,414	1,329	43.3	42.8
18 to 19 years	2,193	2,165	63.2	63.9	2,175	2,149	63.0	63.7
20 to 24 years	6,445	6,476	71.1	72.0	6,382	6,412	70.9	71.8
25 to 54 years	24,927	26,020	65.1	66.8	24,878	25,966	65.1	66.8
25 to 34 years	11,002	11,444	66.8	68.7	10,959	11,396	66.7	68.6
35 to 44 years	7,852	8,405	67.1	68.4	7,848	8,400	67.1	68.4
45 to 54 years	6,072	6,171	60.1	61.7	6,071	6,170	60.1	61.7
55 to 64 years	4,165	4,408	40.2	42.3	4,165	4,408	40.2	42.3
55 to 59 years	2,642	2,680	49.0	50.1	2,642	2,680	49.0	50.1
60 to 64 years	1,523	1,729	30.7	34.0	1,523	1,728	30.7	34.0
65 years and over	1,056	1,118	7.9	8.2	1,056	1,118	7.9	8.2
Black and other								
16 years and over	6,610	6,923	53.8	54.5	6,560	6,868	53.6	54.3
16 to 19 years	428	471	31.3	34.5	420	464	30.9	34.2
16 to 17 years	148	174	21.5	26.4	147	174	21.4	26.4
18 to 19 years	280	296	41.3	42.1	273	290	40.6	41.6
20 to 24 years	1,076	1,109	61.7	61.7	1,050	1,081	61.1	61.0
25 to 54 years	4,364	4,625	67.4	68.2	4,347	4,604	67.3	68.1
25 to 34 years	2,090	2,212	68.8	69.6	2,074	2,193	68.6	69.4
35 to 44 years	1,359	1,451	70.0	70.0	1,358	1,450	70.0	69.9
45 to 54 years	916	962	61.0	63.2	915	962	61.0	63.2
55 to 64 years	620	596	48.6	46.4	620	596	48.6	46.4
55 to 59 years	383	383	54.7	54.8	383	383	54.7	54.8
60 to 64 years	237	213	41.3	36.4	237	213	41.3	36.4
65 years and over	123	122	8.7	8.3	123	122	8.7	8.3

A-6. Employment status of black workers by sex and age

(Numbers in thousands)

Sex and age	September 1982						
	Civilian labor force						Not in labor force
	Total	Employed			Unemployed		
		Total	Agriculture	Nonagricultural industries	Number	Percent of labor force	
TOTAL							
16 years and over	11,433	9,199	165	9,034	2,235	19.5	7,225
16 to 19 years	790	382	21	361	408	51.6	1,453
16 to 17 years	253	127	4	123	126	49.8	854
18 to 19 years	537	255	17	238	282	52.5	599
20 to 24 years	1,879	1,308	20	1,289	571	30.4	828
25 to 54 years	7,468	6,297	80	6,218	1,170	15.7	2,177
25 to 34 years	3,528	2,822	33	2,788	707	20.0	934
35 to 44 years	2,303	2,004	22	1,983	298	13.0	615
45 to 54 years	1,637	1,472	25	1,446	166	10.1	620
55 to 64 years	1,050	979	24	955	71	6.8	888
55 to 59 years	667	620	12	608	48	7.1	373
60 to 64 years	383	359	12	347	24	6.2	515
65 years and over	246	231	19	212	14	5.7	1,879
Males							
16 years and over	5,800	4,612	148	4,468	1,189	20.5	2,516
16 to 19 years	411	195	16	179	216	52.6	684
16 to 17 years	109	48	4	44	61	56.0	441
18 to 19 years	302	147	12	135	155	51.3	242
20 to 24 years	568	672	18	656	296	30.6	263
25 to 54 years	3,751	3,133	70	3,065	616	16.4	541
25 to 34 years	1,771	1,400	32	1,366	373	21.1	221
35 to 44 years	1,148	993	17	976	154	13.4	148
45 to 54 years	832	742	20	721	90	10.8	171
55 to 64 years	533	484	21	463	49	9.2	315
55 to 59 years	340	309	11	298	32	9.4	116
60 to 64 years	193	176	10	166	18	9.3	199
65 years and over	136	124	18	106	11	8.1	714
Females							
16 years and over	5,633	4,587	21	4,566	1,046	18.6	4,709
16 to 19 years	379	187	5	182	192	50.6	769
16 to 17 years	144	79	--	79	65	45.2	413
18 to 19 years	235	108	5	103	127	53.9	357
20 to 24 years	911	636	2	633	275	30.2	565
25 to 54 years	3,717	3,164	10	3,153	554	14.9	1,636
25 to 34 years	1,757	1,422	1	1,422	334	19.0	713
35 to 44 years	1,155	1,011	5	1,007	144	12.5	467
45 to 54 years	805	730	5	725	76	9.4	457
55 to 64 years	517	495	3	492	22	4.3	573
55 to 59 years	327	311	1	310	16	4.8	257
60 to 64 years	190	183	2	181	6	3.3	316
65 years and over	110	107	1	106	3	3.1	1,165

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A-6. Employment status of the noninstitutional population by race, sex, and age

(Numbers in thousands)

Employment status and race	Total		Males, 20 years and over		Females, 20 years and over		Both sexes, 16-19 years	
	Sept. 1981	Sept. 1982	Sept. 1981	Sept. 1982	Sept. 1981	Sept. 1982	Sept. 1981	Sept. 1982
TOTAL								
Total noninstitutional population	172,758	174,889	74,382	75,640	81,946	83,320	16,429	15,929
Total labor force	110,437	112,744	58,932	59,922	42,775	44,476	8,731	8,347
Percent of population	63.9	64.5	79.2	79.2	52.2	53.4	53.1	52.4
Civilian labor force	108,273	110,546	57,219	58,149	42,621	44,308	8,433	8,089
Employed	100,389	99,851	54,074	53,212	39,557	40,487	6,758	6,152
Agriculture	3,609	3,612	2,515	2,579	693	663	401	370
Nonagricultural industries	96,780	96,239	51,558	50,633	38,864	39,824	6,357	5,782
Unemployed	7,884	10,695	3,145	4,937	3,064	3,821	1,675	1,937
Percent of labor force	7.3	9.7	5.5	8.5	7.2	8.6	19.9	23.9
Not in labor force	62,320	62,144	15,451	15,718	39,171	38,844	7,699	7,582
White								
Total noninstitutional population	150,030	151,330	65,304	66,157	71,034	71,987	13,692	13,185
Total labor force	96,376	98,024	51,995	52,671	36,592	38,023	7,789	7,330
Percent of population	64.2	64.8	79.6	79.6	51.5	52.8	56.9	55.6
Civilian labor force	94,717	96,346	50,679	51,315	36,481	37,904	7,557	7,127
Employed	88,778	88,175	48,291	47,493	34,258	35,035	6,228	5,647
Agriculture	3,368	3,385	2,327	2,402	651	635	390	348
Nonagricultural industries	85,410	84,790	45,964	45,091	33,607	34,400	5,838	5,298
Unemployed	5,939	8,171	2,387	3,822	2,223	2,869	1,329	1,480
Percent of labor force	6.3	8.5	4.7	7.4	6.1	7.6	17.6	20.8
Not in labor force	53,654	53,306	13,309	13,486	34,442	33,964	5,903	5,855
Black and other								
Total noninstitutional population	22,728	23,559	9,079	9,482	10,912	11,332	2,737	2,744
Total labor force	14,062	14,720	6,937	7,251	6,183	6,453	942	1,017
Percent of population	61.9	62.5	76.4	76.5	56.7	56.9	34.4	37.1
Civilian labor force	13,556	14,200	6,540	6,834	6,140	6,404	876	962
Employed	11,611	11,676	5,782	5,719	5,299	5,452	530	505
Agriculture	241	227	188	177	42	28	11	22
Nonagricultural industries	11,370	11,450	5,594	5,542	5,257	5,424	519	484
Unemployed	1,945	2,523	758	1,115	841	951	346	456
Percent of labor force	14.3	17.8	11.6	16.3	13.7	14.9	39.5	47.5
Not in labor force	8,666	8,838	2,142	2,231	4,729	4,880	1,795	1,727

A-7. Employment status of the noninstitutional population 16 to 21 years of age by major activity, sex, and race

(Numbers in thousands)

Employment status and major activity	September 1982								
	Total			White			Black and other		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
TOTAL									
Total noninstitutional population	24,535	12,413	12,122	20,386	10,323	10,063	4,149	2,091	2,059
Total labor force	14,687	7,835	6,852	12,750	6,751	5,999	1,937	1,084	853
Percent of population	59.9	63.1	56.5	62.5	65.4	59.6	46.7	51.9	41.4
Civilian labor force	14,011	7,224	6,788	12,233	6,279	5,954	1,778	945	833
Employed	11,075	5,630	5,445	10,019	5,063	4,956	1,056	566	489
Agriculture	582	475	108	544	445	100	38	30	8
Nonagricultural industries	10,493	5,155	5,338	9,475	4,618	4,856	1,018	536	482
Unemployed	2,936	1,594	1,342	2,214	1,216	998	722	378	344
Looking for full-time work	1,861	1,050	811	1,342	755	586	519	294	225
Looking for part-time work	1,076	544	531	872	460	412	203	84	120
Percent of labor force	21.0	22.1	19.8	18.1	19.4	16.8	40.6	40.0	41.3
Not in labor force	9,848	4,578	5,270	7,636	3,572	4,064	2,212	1,006	1,206
Major activity: going to school									
Civilian labor force	4,152	2,100	2,052	3,715	1,888	1,827	437	212	225
Employed	3,118	1,540	1,578	2,891	1,431	1,460	227	109	118
Agriculture	188	147	41	176	140	37	12	7	5
Nonagricultural industries	2,929	1,393	1,536	2,715	1,292	1,423	214	101	113
Unemployed	1,034	560	474	824	457	367	211	103	107
Looking for full-time work	106	53	53	60	32	28	46	21	25
Looking for part-time work	928	507	422	764	424	339	165	82	83
Percent of labor force	24.9	26.7	23.1	22.2	24.2	20.1	48.2	48.7	47.7
Not in labor force	1,647	3,860	3,787	5,998	3,061	2,937	1,649	799	850
Major activity: other									
Civilian labor force	9,859	5,124	4,736	8,518	4,391	4,127	1,341	733	609
Employed	7,957	4,089	3,868	7,128	3,632	3,496	829	458	372
Agriculture	394	328	66	369	305	63	26	23	3
Nonagricultural industries	7,563	3,762	3,801	6,760	3,327	3,433	803	435	369
Unemployed	1,902	1,034	868	1,390	759	631	512	275	237
Looking for full-time work	1,755	996	758	1,282	723	558	473	273	200
Looking for part-time work	147	38	110	109	36	73	39	2	37
Percent of labor force	19.3	20.2	18.3	16.3	17.3	15.3	38.2	37.5	38.9
Not in labor force	2,201	717	1,483	1,638	510	1,127	563	207	356

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A-8. Full- and part-time status of the civilian labor force by sex, age, and race

(Numbers in thousands)

Sex, age, and race	September 1982								
	Full-time labor force					Part-time labor force			
	Total	Employed		Unemployed (looking for full-time work)		Total	Employed on voluntary part time[1]	Unemployed (looking for part-time work)	
		Full-time schedules[1]	Part time for economic reasons	Number	Percent of full-time labor force			Number	Percent of part-time labor force
TOTAL									
Both sexes, 16 years and over	94,280	79,195	6,267	8,818	9.4	16,266	14,389	1,877	11.5
16 to 21 years	8,523	5,445	1,218	1,861	21.8	5,488	4,413	1,076	19.6
16 to 19 years	3,869	2,123	684	1,062	27.5	4,220	3,346	874	20.7
16 to 17 years	581	204	132	245	42.2	2,487	1,938	549	22.1
18 to 19 years	3,288	1,919	552	817	24.9	1,733	1,408	325	18.8
20 years and over	90,411	77,073	5,583	7,756	8.6	12,046	11,044	1,002	8.3
20 to 24 years	13,590	10,281	1,299	2,010	14.8	2,373	2,033	339	14.3
25 years and over	76,822	66,791	4,284	5,747	7.5	9,672	9,009	663	6.9
25 to 54 years	64,545	55,803	3,537	5,205	8.1	6,560	6,061	499	7.6
55 years and over	12,277	10,988	747	542	4.4	3,112	2,948	163	5.2
Males, 16 years and over	57,138	48,900	3,044	5,195	9.1	5,158	4,392	766	14.9
16 to 21 years	4,660	3,012	598	1,050	22.5	2,563	2,019	544	21.2
16 to 19 years	2,124	1,236	319	569	26.8	2,023	1,569	454	22.5
20 years and over	55,014	47,664	2,725	4,626	8.4	3,135	2,823	312	9.9
20 to 24 years	7,514	5,621	690	1,203	16.0	955	815	141	14.7
25 years and over	47,500	42,043	2,035	3,423	7.2	2,180	2,009	171	7.8
25 to 54 years	39,635	34,901	1,658	3,081	7.8	895	804	91	10.2
55 years and over	7,860	7,142	377	342	4.4	1,285	1,205	80	6.2
Females, 16 years and over	37,142	30,296	3,223	3,623	9.8	11,108	9,997	1,111	10.0
16 to 21 years	3,863	2,432	619	811	21.0	2,925	2,394	531	18.2
16 to 19 years	1,745	887	365	493	28.3	2,197	1,777	420	19.1
20 years and over	35,397	29,409	2,858	3,130	8.8	8,911	8,220	691	7.8
20 to 24 years	6,075	4,660	609	806	13.3	1,417	1,218	199	14.0
25 years and over	29,322	24,748	2,249	2,324	7.9	7,493	7,002	492	6.6
25 to 54 years	24,905	20,902	1,879	2,124	8.5	5,665	5,257	408	7.2
55 years and over	4,417	3,846	370	200	4.5	1,828	1,744	84	4.6
White									
Males, 16 years and over	50,348	43,864	2,503	3,981	7.9	4,616	3,987	629	13.6
16 to 21 years	3,563	2,707	501	755	19.1	2,316	1,856	460	19.9
16 to 19 years	1,836	1,147	286	403	21.9	1,813	1,428	385	21.3
20 years and over	48,512	42,717	2,217	3,578	7.4	2,803	2,559	243	8.7
20 to 24 years	6,440	4,987	556	898	13.9	866	750	116	13.4
25 years and over	42,072	37,730	1,661	2,680	6.4	1,936	1,809	128	6.6
25 to 54 years	34,922	31,188	1,345	2,389	6.8	773	710	63	8.2
55 years and over	7,150	6,542	316	292	4.1	1,163	1,099	65	5.6
Females, 16 years and over	31,284	25,998	2,628	2,659	8.5	10,098	9,195	903	8.9
16 to 21 years	3,347	2,201	560	586	17.5	2,607	2,196	412	15.8
16 to 19 years	1,517	826	331	360	23.7	1,961	1,629	332	16.9
20 years and over	29,767	25,172	2,297	2,299	7.7	8,137	7,566	571	7.0
20 to 24 years	5,168	4,105	492	571	11.0	1,244	1,099	144	11.6
25 years and over	24,595	21,066	1,805	1,729	7.0	6,893	6,467	426	6.2
25 to 54 years	20,725	17,656	1,508	1,561	7.5	5,241	4,894	347	6.6
55 years and over	3,874	3,410	297	168	4.3	1,652	1,573	79	4.8
Black and other									
Males, 16 years and over	6,790	5,036	541	1,213	17.9	542	405	137	25.3
16 to 21 years	697	306	97	294	42.2	248	164	84	33.9
16 to 19 years	288	89	33	166	57.7	210	141	69	32.9
20 years and over	6,502	4,947	508	1,047	16.1	332	264	68	20.6
20 to 24 years	1,074	635	134	305	28.4	90	65	25	27.6
25 years and over	5,428	4,313	374	741	13.7	242	199	43	17.8
25 to 54 years	4,718	3,713	313	691	14.6	122	94	28	23.0
55 years and over	710	600	61	50	7.0	120	105	15	12.5
Females, 16 years and over	5,858	4,298	595	984	16.5	1,010	802	208	20.6
16 to 21 years	516	231	60	225	43.5	317	198	120	37.6
16 to 19 years	228	61	34	133	58.4	236	148	88	37.2
20 years and over	5,630	4,237	561	831	14.8	774	654	120	15.5
20 to 24 years	908	555	117	236	26.0	174	119	55	31.5
25 years and over	4,723	3,682	445	596	12.6	600	535	65	10.8
25 to 54 years	4,180	3,246	371	563	13.5	424	363	61	14.4
55 years and over	543	436	74	33	6.1	176	171	4	2.3

[1] Employed persons with a job but not at work are distributed proportionately among the full- and part-time employed categories.

A-9. Employment status of the noninstitutional population by family relationship

(Numbers in thousands)

Family relationship	September 1982									
	Civilian labor force					Not in labor force				
	Total	Percent of population	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
				Number	Percent of labor force					
Total, 16 years and over	110,546	64.0	99,851	10,695	9.7	62,144	31,308	9,333	2,423	19,080
Husbands	40,049	80.2	37,639	2,410	6.0	9,898	176	201	799	8,722
With employed wife	22,170	92.0	20,955	1,214	5.5	1,929	61	109	263	1,496
With unemployed wife	1,807	93.5	1,499	308	17.0	125	5	5	22	93
With wife not in labor force	16,072	67.2	15,186	888	5.5	7,845	111	87	514	7,132
Wives	26,030	52.1	24,099	1,932	7.4	23,917	21,066	356	261	2,232
With employed husband	22,454	59.7	20,955	1,499	6.7	15,184	13,936	289	74	885
With unemployed husband	1,523	63.2	1,214	308	20.2	888	812	20	4	52
With husband not in labor force	2,053	20.7	1,929	125	6.1	7,845	6,319	47	183	1,296
Relatives in married-couple families	13,540	60.8	11,021	2,519	18.6	8,731	820	6,025	297	1,590
16 to 19 years	5,411	51.1	4,219	1,192	22.0	5,172	113	4,591	13	454
20 to 24 years	5,290	74.7	4,361	929	17.6	1,788	109	1,313	47	320
25 years and over	2,839	61.6	2,441	398	14.0	1,771	598	121	237	816
Females who maintain families	5,836	61.1	5,129	706	12.1	3,711	2,769	122	103	717
Relatives in families maintained by females	4,801	57.0	3,606	1,196	24.9	3,615	790	1,569	244	1,011
16 to 19 years	1,306	46.0	856	450	34.4	1,531	74	1,245	6	207
20 to 24 years	1,569	73.9	1,155	414	26.4	555	119	268	15	153
25 years and over	1,926	55.7	1,595	332	17.2	1,529	597	56	223	651
Males who maintain families	1,795	74.9	1,647	148	8.2	601	18	31	76	476
Relatives in families maintained by males	1,516	60.6	1,190	326	21.5	986	163	308	67	248
16 to 19 years	291	51.0	192	99	34.2	279	5	228	1	45
20 to 24 years	412	74.3	329	83	20.1	143	36	64	3	40
25 years and over	813	59.1	669	144	17.7	564	122	16	63	163
Persons living alone	10,436	53.9	9,719	716	6.8	8,907	4,760	217	481	3,450
Males	5,443	71.6	4,979	464	8.5	2,157	134	127	198	1,698
Females	4,993	42.5	4,740	250	5.0	6,750	4,626	89	283	1,752
All others[1]	6,745	78.6	5,801	744	11.4	1,778	346	504	93	834

[1] The majority of these persons are living with nonrelatives. Also included are persons in married couple families where the husband is in the Armed Forces, persons in secondary families, and some whose family status is unknown.

A-10. Unemployed persons by marital status, race, age, and sex

Marital status, race, and age	Males				Females			
	Thousands of persons		Unemployment rate		Thousands of persons		Unemployment rate	
	Sept. 1981	Sept. 1982	Sept. 1981	Sept. 1982	Sept. 1981	Sept. 1982	Sept. 1981	Sept. 1982
Total, 16 years and over	3,988	5,961	6.5	9.6	3,896	4,734	8.4	9.8
Married, spouse present	1,508	2,546	3.7	6.2	1,562	2,036	6.2	7.7
Widowed, divorced, or separated	422	677	7.8	12.1	794	914	8.7	9.8
Single (never married)	2,057	2,737	13.3	17.4	1,520	1,786	12.7	14.4
White, 16 years and over	3,066	4,610	5.8	8.4	2,973	3,561	7.2	8.6
Married, spouse present	1,231	2,122	3.3	5.7	1,287	1,682	5.7	7.1
Widowed, divorced, or separated	285	484	6.5	10.6	583	676	8.0	9.0
Single (never married)	1,550	2,004	11.7	15.0	1,002	1,203	10.0	11.7
Black and other, 16 years and over	922	1,351	13.2	18.4	1,023	1,172	15.6	17.1
Married, spouse present	277	425	7.4	10.7	295	353	10.8	12.2
Widowed, divorced, or separated	137	193	13.6	18.7	211	236	11.5	13.1
Single (never married)	508	733	22.6	31.2	518	583	25.9	27.9
Total, 20 to 64 years of age	3,303	4,860	5.6	8.6	3,025	3,782	7.3	8.8
Married, spouse present	1,461	2,473	3.7	6.3	1,454	1,942	6.0	7.6
Widowed, divorced, or separated	410	660	7.9	12.3	753	875	9.0	10.2
Single (never married)	1,231	1,727	11.0	14.9	779	965	9.4	11.0
White, 20 to 64 years of age	2,355	3,755	4.8	7.6	2,195	2,834	6.2	7.7
Married, spouse present	1,189	2,059	3.4	5.8	1,208	1,598	5.5	7.0
Widowed, divorced, or separated	278	468	6.9	10.7	548	641	8.2	9.3
Single (never married)	888	1,227	9.5	12.6	438	594	6.6	8.4
Black and other, 20 to 64 years of age	748	1,105	11.7	16.6	830	947	13.8	15.1
Married, spouse present	271	414	7.5	10.8	246	345	10.7	12.2
Widowed, divorced, or separated	133	192	13.7	19.5	205	232	11.7	13.5
Single (never married)	344	499	19.3	27.0	380	371	21.3	21.5

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A-11. Unemployed persons by occupation and sex

Occupation	Thousands of persons		Unemployment rates					
			Total		Males		Females	
	Sept. 1981	Sept. 1982	Sept. 1981	Sept. 1982	Sept. 1981	Sept. 1982	Sept. 1981	Sept. 1982
Total, 16 years and over	7,884	10,695	7.3	9.7	6.5	9.6	8.4	9.8
White collar workers	2,437	2,929	4.4	5.2	3.0	4.0	5.7	6.2
Professional and technical	552	653	3.2	3.7	2.5	3.4	4.1	4.1
Managers and administrators, except farm	327	443	2.7	3.6	2.2	3.1	4.1	4.8
Sales workers	323	360	4.9	5.3	3.1	3.9	6.9	7.1
Clerical workers	1,235	1,473	6.4	7.3	5.7	7.2	6.5	7.3
Blue collar workers	3,096	4,679	8.9	13.7	8.2	12.9	12.1	17.0
Craft and kindred workers	853	1,307	6.3	9.5	6.3	9.5	6.7	9.9
Carpenters and other construction craft workers	427	613	10.0	14.1	9.9	14.0	(1)	21.0
All other	426	694	4.6	7.4	4.5	7.2	6.0	8.9
Operatives, except transport	1,289	2,088	10.8	18.8	9.2	18.5	13.2	19.1
Transport equipment operatives	287	385	7.4	10.1	7.5	10.4	7.0	6.7
Nonfarm laborers	668	899	12.3	16.2	12.1	16.0	13.7	17.8
Construction laborers	191	260	19.0	26.1	19.0	25.7	(1)	(1)
All other	477	639	10.8	14.1	10.3	13.6	13.3	17.0
Service workers	1,318	1,673	9.1	10.8	8.9	11.3	9.2	10.5
Private household	52	71	5.1	6.5	(1)	(1)	5.1	6.2
All other	1,266	1,602	9.4	11.2	9.0	11.3	9.7	11.1
Farm workers	116	146	3.8	4.8	3.0	4.9	7.2	4.6
No previous work experience	917	1,268	--	--	--	--	--	--
16 to 19 years	668	915	--	--	--	--	--	--
20 to 24 years	164	201	--	--	--	--	--	--
25 years and over	86	152	--	--	--	--	--	--

[1] Percent not shown where base is less than 75,000.

A-12. Unemployed persons by industry and sex

Industry	Percent distribution		Unemployment rates					
			Total		Males		Females	
	Sept. 1981	Sept. 1982	Sept. 1981	Sept. 1982	Sept. 1981	Sept. 1982	Sept. 1981	Sept. 1982
Total, 16 years and over	100.0	100.0	7.3	9.7	6.5	9.6	8.4	9.8
Nonagricultural private wage and salary workers	73.5	75.8	7.3	10.0	6.7	10.2	8.1	9.8
Mining	.6	1.5	4.2	15.2	3.9	17.1	5.7	3.8
Construction	8.0	8.2	12.2	17.2	12.5	17.2	8.9	17.4
Manufacturing	21.5	26.8	7.4	12.8	5.9	11.7	10.4	15.1
Durable goods	14.9	17.4	7.3	14.0	6.1	13.2	10.5	16.0
Lumber and wood products	.9	.8	9.9	12.7	7.8	11.7	23.3	17.2
Furniture and fixtures	.6	.9	8.4	18.3	8.2	16.8	8.9	21.2
Stone, clay, and glass products	.6	.8	6.8	14.1	6.3	13.6	9.4	15.9
Primary metal industries	1.2	2.5	7.6	24.4	5.9	23.7	19.7	30.5
Fabricated metal products	1.6	2.1	8.1	16.4	6.7	16.0	13.0	17.7
Machinery, except electrical equipment	2.1	3.6	5.6	13.8	5.3	13.8	6.8	14.1
Electrical equipment	4.2	2.6	6.7	10.7	4.2	7.8	9.9	14.3
Transportation equipment	2.5	2.7	8.3	13.6	7.5	14.1	11.7	20.3
Automobiles	1.8	1.7	11.9	17.3	10.2	14.8	19.8	29.3
Other transportation equipment	.7	1.0	4.7	10.2	4.8	9.6	4.9	12.6
Instruments and related products	.5	.6	5.7	8.7	5.1	7.2	6.5	10.6
Other durable goods industries	.8	.8	8.5	10.2	5.9	6.9	12.3	15.3
Nondurable goods	6.6	9.4	7.5	11.1	5.4	8.8	10.2	14.1
Food and kindred products	2.1	2.2	8.4	11.7	6.8	9.9	11.7	14.9
Textile mill products	1.0	1.2	9.8	17.6	7.6	13.9	11.5	21.2
Apparel and other textile products	2.0	1.9	11.2	15.1	8.7	10.1	11.8	16.4
Paper and allied products	.4	.6	4.6	8.0	2.7	7.2	10.7	11.0
Printing and publishing	1.0	1.1	5.1	7.4	4.5	7.8	5.8	7.0
Chemicals and allied products	.8	.8	4.6	7.2	3.9	4.8	6.9	13.0
Rubber and plastics products	.9	.9	9.3	13.0	6.8	11.8	14.0	15.1
Other nondurable goods industries	.5	.6	6.3	11.6	3.8	9.4	9.7	14.1
Transportation and public utilities	3.0	3.5	4.0	6.5	4.4	6.9	2.9	5.3
Railroads and railway express	.3	.6	3.9	11.6	4.0	12.5	(1)	(1)
Other transportation	2.0	2.3	5.8	9.1	6.2	9.6	4.1	7.3
Communication and other public utilities	.7	.6	2.2	2.6	2.2	1.9	2.1	4.0
Wholesale and retail trade	20.8	18.5	8.3	9.6	7.0	8.4	9.6	10.9
Finance, insurance, and real estate	2.6	2.7	3.6	4.9	2.9	4.6	4.1	5.1
Service industries	16.9	14.6	7.1	7.7	6.9	8.1	7.2	7.5
Professional services	7.7	5.7	5.5	5.2	4.6	4.8	5.9	5.4
All other service industries	9.2	8.8	9.3	11.1	9.0	10.9	9.5	11.3
Agricultural wage and salary workers	2.1	1.9	9.7	11.1	8.5	11.2	13.9	10.8
All other classes of workers	12.8	10.4	3.9	4.2	3.1	3.9	6.9	4.6
No previous work experience	11.6	11.9	--	--	--	--	--	--

[1] Percent not shown where base is less than 75,000.

A-13. Unemployed persons by reason for unemployment, sex, age, and race

Reason for unemployment	Total unemployed		Males, 20 years and over		Females, 20 years and over		Both sexes 16 to 19 years		White		Black and other	
	Sept. 1981	Sept. 1982	Sept. 1981	Sept. 1982	Sept. 1981	Sept. 1982	Sept. 1981	Sept. 1982	Sept. 1981	Sept. 1982	Sept. 1981	Sept. 1982
NUMBER OF UNEMPLOYED												
Total unemployed, in thousands	7,884	10,695	3,145	4,937	3,064	3,821	1,675	1,937	5,939	8,171	1,945	2,523
Job losers	5,801	8,083	2,207	3,815	1,272	1,849	322	419	2,819	4,752	982	1,331
On layoff	1,093	2,018	852	1,329	374	593	68	96	867	1,701	226	316
Other job losers	4,708	6,065	1,555	2,486	898	1,256	254	323	1,954	3,051	756	1,015
Job leavers	1,035	861	333	338	477	393	225	130	849	692	186	169
Reentrants	2,129	2,487	513	658	1,156	1,355	460	474	1,626	1,920	503	566
New entrants	918	1,264	91	126	158	224	669	914	644	807	274	457
PERCENT DISTRIBUTION												
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers	48.2	56.9	70.1	77.3	41.5	48.4	19.2	21.6	47.5	58.1	50.5	52.7
On layoff	13.5	18.9	20.7	26.9	12.2	15.5	4.0	5.0	14.6	20.8	11.6	12.5
Other job losers	34.3	38.0	49.4	50.4	29.3	32.9	15.2	16.6	32.9	37.3	38.9	40.2
Job leavers	13.1	8.0	10.6	6.8	15.6	10.3	13.4	6.7	14.3	8.5	9.6	6.7
Reentrants	27.0	23.3	16.3	13.3	37.7	35.5	27.4	24.5	27.4	23.5	25.9	22.4
New entrants	11.6	11.8	2.9	2.6	5.2	5.9	39.9	47.2	10.9	9.9	14.1	18.1
UNEMPLOYMENT RATE												
Total unemployment rate	7.3	9.7	5.5	8.5	7.2	8.6	19.9	23.9	6.3	8.5	14.3	17.8
Job loser rate[1]	3.5	5.5	3.8	6.6	3.0	4.1	3.8	5.2	3.0	5.0	7.3	9.3
Job leaver rate[1]	1.0	.8	.6	.6	1.1	.9	2.7	1.6	.9	.7	1.4	1.2
Reentrant rate[1]	2.6	2.2	.9	1.1	2.7	3.1	5.5	5.9	1.7	2.0	3.7	4.0
New entrant rate[1]	.8	1.1	.2	.2	.4	.5	7.9	11.3	.7	.8	2.0	3.2

[1] Unemployment rates are calculated as a percent of the civilian labor force.

A-14. Unemployed persons by reason for unemployment, sex, age, and duration of unemployment

(Percent distribution)

Reason, sex, and age	September 1982						
	Total unemployed		Duration of unemployment				
	Thousands of persons	Percent	Less than 5 weeks	5 to 14 weeks	15 weeks and over		
					Total	15 to 26 weeks	27 weeks and over
Total, 16 years and over	10,695	100.0	38.7	29.8	31.6	14.5	17.1
Job losers	8,083	100.0	32.1	28.7	39.2	16.7	22.5
On layoff	2,018	100.0	39.9	26.5	33.6	16.2	17.4
Other job losers	6,065	100.0	28.2	29.8	42.0	16.9	25.1
Job leavers	861	100.0	47.4	30.7	21.9	9.9	12.0
Reentrants	2,487	100.0	51.1	28.4	20.5	10.6	9.9
New entrants	1,264	100.0	40.0	37.0	22.9	14.3	8.7
Males, 20 years and over	4,937	100.0	31.8	28.3	39.8	16.4	23.4
Job losers	3,815	100.0	29.4	28.1	42.5	16.9	25.6
On layoff	1,329	100.0	39.6	26.1	34.4	16.2	18.2
Other job losers	2,486	100.0	24.0	29.2	46.8	17.3	29.5
Job leavers	338	100.0	38.9	31.2	29.9	14.4	15.4
Reentrants	658	100.0	40.7	28.3	31.0	14.9	16.2
New entrants	126	100.0	40.3	28.1	31.6	14.9	16.7
Females, 20 years and over	3,821	100.0	43.1	29.3	27.5	13.1	14.4
Job losers	1,849	100.0	34.2	29.9	36.0	16.7	19.3
On layoff	593	100.0	38.6	27.2	34.2	16.3	17.9
Other job losers	1,256	100.0	32.1	31.1	36.8	16.8	20.0
Job leavers	393	100.0	49.8	29.7	20.4	8.9	11.5
Reentrants	1,355	100.0	52.9	28.6	18.5	9.5	9.0
New entrants	224	100.0	48.4	28.3	25.3	12.6	12.7
Both sexes, 16 to 19 years	1,937	100.0	47.2	34.3	18.4	12.2	6.2
Job losers	419	100.0	46.8	29.2	24.1	14.9	9.1
On layoff	96	100.0	52.5	27.7	19.8	15.1	4.6
Other job losers	323	100.0	45.0	29.6	25.4	14.9	10.5
Job leavers	130	100.0	62.1	32.0	5.9	1.4	4.5
Reentrants	474	100.0	60.4	27.9	11.7	8.0	3.6
New entrants	914	100.0	38.4	40.4	21.2	14.6	6.6

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A-15. Unemployed jobseekers by sex, age, race, and jobsearch methods used

Sex, age, and race	September 1982								
	Thousands of persons		Methods used as a percent of total jobseekers						Average number of methods used
	Total unemployed	Total jobseekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives	Other	
Total, 16 years and over	10,695	9,572	22.5	6.0	79.5	33.9	13.9	5.1	1.61
16 to 19 years	1,937	1,833	13.9	3.7	83.0	24.9	12.3	4.2	1.42
20 to 24 years	2,345	1,933	25.1	6.1	80.3	37.7	14.0	3.9	1.67
25 to 34 years	3,135	2,395	24.7	7.1	77.4	36.5	15.7	5.1	1.67
35 to 44 years	1,588	1,171	26.9	7.4	78.9	36.5	13.6	5.5	1.69
45 to 54 years	977	713	28.1	5.9	80.1	34.1	13.7	7.3	1.69
55 to 64 years	556	440	17.0	6.0	79.3	34.3	14.1	10.5	1.57
65 years and over	116	89	10.1	--	70.8	31.5	1.1	2.4	1.17
Males, 16 years and over	5,561	4,514	25.5	6.2	81.4	32.0	16.4	6.2	1.68
16 to 19 years	1,029	956	15.4	3.6	85.7	24.1	14.3	3.0	1.46
20 to 24 years	1,399	1,052	28.1	6.5	81.5	36.1	17.5	3.9	1.74
25 to 34 years	1,348	1,214	27.0	7.9	79.4	34.8	19.1	6.3	1.75
35 to 44 years	864	584	31.7	7.0	81.8	32.5	18.7	8.7	1.80
45 to 54 years	583	395	34.2	6.3	81.0	32.4	12.9	10.6	1.77
55 to 64 years	345	253	19.8	6.3	77.5	30.4	11.5	15.8	1.61
65 years and over	77	58	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Females, 16 years and over	5,134	4,058	19.2	5.8	77.4	36.0	11.1	3.9	1.53
16 to 19 years	913	876	12.2	3.9	80.1	25.7	10.0	5.5	1.37
20 to 24 years	1,005	880	21.6	5.6	79.0	39.7	9.9	4.1	1.60
25 to 34 years	1,393	1,181	22.3	6.4	75.4	38.0	12.2	3.8	1.58
35 to 44 years	724	586	22.2	7.7	77.1	40.4	8.5	2.2	1.58
45 to 54 years	415	317	20.5	5.0	79.2	36.3	14.8	3.2	1.59
55 to 64 years	245	187	13.4	7.5	70.1	39.6	17.6	3.7	1.52
65 years and over	39	31	(1)	(1)	(1)	(1)	(1)	(1)	(1)
White, 16 years and over	8,171	8,385	20.9	5.9	80.3	36.6	13.7	4.9	1.62
Males	4,610	3,979	24.4	6.4	81.8	34.8	15.6	6.2	1.69
Females	3,561	3,906	16.9	5.4	78.5	38.7	11.6	3.5	1.55
Black and other, 16 years and over	2,523	2,187	27.4	6.3	77.3	25.8	19.4	5.8	1.57
Males	1,351	1,135	28.6	5.8	80.2	23.7	18.8	6.3	1.63
Females	1,172	1,053	26.0	6.8	74.1	28.1	9.7	5.1	1.50

(1) Percent not shown where base is less than 75,000.

NOTE: The jobseekers total is less than the total unemployed because persons on layoff or waiting to begin a new wage and salary job within 30 days are not actually seeking jobs. It should also be noted that the percent using each method will always total more than 100 because many jobseekers use more than one method.

A-16. Unemployed jobseekers by sex, reason for unemployment, and jobsearch methods used

Sex and reason	September 1982								
	Thousands of persons		Methods used as a percent of total jobseekers						Average number of methods used
	Total unemployed	Total jobseekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives	Other	
Total, 16 years and over	10,695	9,572	22.5	6.0	79.5	33.9	13.9	5.1	1.61
Job losers	5,083	4,055	26.8	6.7	80.9	34.6	15.4	6.0	1.73
Job leavers	867	867	22.3	6.7	81.1	38.2	12.4	2.9	1.64
Reentrants	3,987	3,270	16.1	5.1	76.0	30.7	11.8	4.6	1.50
New entrants	1,259	1,260	14.6	5.0	80.4	22.8	14.4	4.9	1.42
Males, 16 years and over	5,561	4,514	25.5	6.2	81.4	32.0	16.4	6.2	1.68
Job losers	3,083	2,679	29.4	6.4	81.9	33.2	17.0	7.3	1.75
Job leavers	358	415	24.6	5.3	81.7	38.1	13.5	3.6	1.67
Reentrants	877	820	18.9	7.0	78.0	33.2	14.8	5.7	1.58
New entrants	664	599	17.9	5.0	83.6	20.9	18.2	3.8	1.49
Females, 16 years and over	5,134	4,058	19.2	5.8	77.4	36.0	11.1	3.9	1.53
Job losers	2,001	1,376	23.7	7.2	78.9	37.9	14.1	3.4	1.67
Job leavers	462	472	20.3	7.8	80.3	38.1	11.2	2.3	1.60
Reentrants	1,810	1,550	14.7	4.2	75.1	28.5	10.2	3.9	1.47
New entrants	661	661	11.5	5.0	77.5	24.5	10.9	6.1	1.35

NOTE: See note, table A-15.

A-17. Unemployed persons by duration of unemployment

Duration of unemployment	Total				Full-time workers			
	Thousands of persons		Percent distribution		Thousands of persons		Percent distribution	
	Sept. 1981	Sept. 1982	Sept. 1981	Sept. 1982	Sept. 1981	Sept. 1982	Sept. 1981	Sept. 1982
Total, 16 years and over	7,884	10,695	100.0	100.0	6,222	8,818	100.0	100.0
Less than 5 weeks	3,648	4,135	46.3	38.7	2,557	3,014	41.1	34.2
5 to 14 weeks	2,280	3,185	28.9	29.8	1,889	2,698	30.4	30.6
5 to 10 weeks	1,495	2,044	19.0	19.1	1,267	1,717	20.4	19.5
11 to 14 weeks	781	1,142	9.9	10.7	622	981	10.0	11.1
15 weeks and over	1,956	3,375	24.8	31.6	1,776	3,105	28.5	35.2
15 to 26 weeks	949	1,545	12.0	14.5	851	1,364	13.7	15.5
27 weeks and over	1,007	1,829	12.8	17.1	925	1,742	14.9	19.8
27 to 51 weeks	461	925	5.8	8.6	423	887	6.8	10.1
52 weeks and over	546	905	6.9	8.5	502	855	8.1	9.7
Average (mean) duration, in weeks	13.0	15.9	--	--	14.5	17.5	--	--
Median duration, in weeks	6.0	8.4	--	--	7.3	9.8	--	--

A-18. Unemployed persons by sex, age, race, marital status, and duration of unemployment

Sex, age, race, and marital status	Thousands of persons					Average (mean) duration, in weeks	Median duration, in weeks	Less than 5 weeks as a percent of unemployed in group		15 weeks and over as a percent of unemployed in group	
	Total	Less than 5 weeks	5 to 14 weeks	15 to 26 weeks	27 weeks and over						
	September 1982							Sept. 1981	Sept. 1982	Sept. 1981	Sept. 1982
Total, 16 years and over	10,695	4,135	3,185	1,545	1,829	15.9	8.4	46.3	38.7	24.8	31.6
16 to 21 years	2,936	1,310	996	378	252	11.4	6.4	53.0	44.6	17.7	21.5
16 to 19 years	1,937	914	665	236	121	10.4	5.8	54.7	47.2	14.9	18.4
20 to 24 years	2,349	946	706	343	355	14.3	7.8	47.5	40.3	24.3	29.7
25 to 34 years	3,139	1,144	936	472	587	16.9	8.8	44.9	36.5	26.5	33.7
35 to 44 years	1,588	563	432	250	342	18.5	9.8	43.9	35.5	27.9	37.3
45 to 54 years	977	324	264	150	239	19.2	10.5	35.8	33.1	34.1	39.8
55 to 64 years	590	187	160	80	163	21.1	10.9	35.3	31.6	33.6	41.1
65 years and over	116	57	21	15	23	16.0	5.3	49.6	48.8	35.2	32.9
Males, 16 years and over	5,961	2,012	1,766	963	1,240	18.2	10.1	41.1	33.7	29.7	36.6
16 to 21 years	1,594	642	554	229	169	12.9	7.3	48.0	40.3	21.3	25.0
16 to 19 years	1,024	439	367	133	84	11.7	6.7	50.2	42.9	18.1	21.3
20 to 24 years	1,349	472	410	210	251	16.6	9.5	42.3	35.1	30.2	34.3
25 to 34 years	1,746	537	506	299	405	19.9	11.5	37.9	30.7	31.7	40.3
35 to 44 years	864	252	238	155	219	21.2	12.1	39.2	29.2	35.3	43.3
45 to 54 years	563	170	152	83	157	20.7	11.3	33.8	30.2	37.2	42.8
55 to 64 years	345	100	80	58	108	23.7	13.9	30.8	28.9	34.8	48.0
65 years and over	77	42	14	4	17	15.8	4.5	(1)	55.2	(1)	27.2
Females, 16 years and over	4,734	2,123	1,419	602	589	13.0	6.5	51.5	44.9	19.8	25.2
16 to 21 years	1,342	668	441	149	83	9.7	5.1	58.1	49.8	14.0	17.3
16 to 19 years	913	475	299	102	37	9.0	4.8	59.3	52.0	11.7	15.3
20 to 24 years	1,005	474	295	132	104	11.2	5.9	53.5	47.1	17.6	23.5
25 to 34 years	1,393	608	430	173	182	13.3	6.4	51.9	43.6	21.4	25.5
35 to 44 years	724	312	194	95	123	15.4	7.3	47.8	43.0	21.9	30.2
45 to 54 years	415	154	112	67	81	18.3	9.5	38.2	37.2	30.6	35.8
55 to 64 years	245	87	81	22	55	17.4	9.4	40.2	35.5	32.2	31.5
65 years and over	39	14	8	11	6	16.4	7.3	(1)	(1)	(1)	(1)
White, 16 years and over	8,171	3,176	2,477	1,199	1,320	15.2	8.3	48.3	38.9	23.3	30.8
Males	4,610	1,540	1,399	749	922	17.6	10.1	42.6	33.4	28.2	36.2
Females	3,561	1,635	1,078	450	399	12.1	6.2	54.3	45.9	18.0	23.8
Black and other, 16 years and over	2,523	959	708	347	509	18.1	8.8	40.2	38.0	29.8	33.9
Males	1,351	471	367	194	318	20.1	10.1	36.2	34.9	34.4	38.0
Females	1,172	488	342	152	191	15.6	7.3	43.9	41.6	25.0	29.3
Males, 16 years and over:											
Married, spouse present	2,546	798	727	415	606	19.4	11.1	41.2	31.3	33.1	40.1
Widowed, divorced, or separated	677	229	191	81	177	21.2	10.5	31.0	33.8	37.6	38.1
Single (never married)	2,737	985	848	446	458	16.3	9.2	43.2	36.0	25.5	33.0
Females, 16 years and over:											
Married, spouse present	2,036	925	584	290	237	12.8	6.3	52.3	45.4	20.2	25.9
Widowed, divorced, or separated	912	362	262	108	180	16.0	8.0	44.3	39.7	26.1	31.6
Single (never married)	1,786	836	574	204	173	11.7	6.0	54.5	45.8	16.2	21.1

[1] Percent not shown where base is less than 75,000.

HOUSEHOLD DATA

A-19. Unemployed persons by occupation, industry, and duration of unemployment

Occupation and industry	Thousands of persons					Average (mean) duration, in weeks	Median duration, in weeks	Less than 5 weeks as a percent of unemployed in group		15 weeks and over as a percent of unemployed in grou	
	Total	Less than 5 weeks	5 to 14 weeks	15 to 26 weeks	27 weeks and over						
	September 1982							Sept. 1981	Sept. 1982	Sept. 1981	Sept. 1982
OCCUPATION											
White-collar workers	2,929	1,227	884	394	425	14.5	7.3	48.5	41.9	22.4	27.
Professional and managerial	1,096	421	343	154	177	16.2	8.0	46.6	38.4	25.0	30.
Sales workers	360	141	106	58	55	14.3	8.0	48.5	39.2	20.6	31.
Clerical workers	1,473	665	434	182	192	13.4	6.5	49.8	45.1	21.0	25.
Blue-collar workers	4,679	1,595	1,278	750	1,056	18.5	10.1	42.1	34.1	29.4	38.
Craft and kindred workers	1,307	472	347	196	292	17.3	10.0	46.0	36.1	27.1	37.
Operatives, except transport	2,088	677	570	368	473	18.7	10.6	41.2	32.4	28.6	40.
Transport equipment operatives	385	137	80	62	106	21.8	10.8	37.4	35.6	35.6	43.
Nonfarm laborers	899	309	281	123	186	18.2	9.1	40.7	34.4	31.1	38.
Service workers	1,673	737	513	198	225	13.9	6.6	49.2	44.0	23.5	25.
INDUSTRY[1]											
Agriculture	207	94	58	34	21	11.8	5.9	56.7	45.2	14.1	26.
Construction	909	297	269	136	208	17.8	10.4	46.0	32.7	26.7	37.
Manufacturing	2,871	957	766	482	666	19.0	10.7	40.4	33.3	28.9	40.
Durable goods	1,869	554	509	327	478	20.1	11.9	38.0	29.7	31.8	43.
Nondurable goods	1,003	403	257	155	189	17.0	8.4	44.0	40.2	24.5	34.
Transportation and public utilities	420	179	107	55	78	16.1	7.8	37.9	42.7	27.3	31.
Wholesale and retail trade	1,998	786	636	287	289	14.5	7.9	50.0	39.4	22.5	28.
Finance and service industries	2,369	1,057	688	282	342	14.5	6.6	47.6	44.6	25.4	26.
Public administration	247	101	72	23	52	17.8	8.2	40.9	40.9	26.6	30.
No previous work experience	1,268	510	468	180	110	12.7	7.8	50.1	40.3	18.9	22.

[1] Includes wage and salary workers only.

A-20. Employed persons by industry, age, and sex

(In thousands)

Industry and age	Total		Males		Females	
	Sept. 1981	Sept. 1982	Sept. 1981	Sept. 1982	Sept. 1981	Sept. 1982
All industries	100,389	99,851	57,656	56,335	42,733	43,516
16 to 19 years	6,758	6,152	3,582	3,124	3,176	3,029
16 to 17 years	2,671	2,274	1,430	1,119	1,241	1,155
18 to 19 years	4,087	3,878	2,152	2,004	1,935	1,874
20 to 24 years	14,087	13,614	7,539	7,126	6,548	6,487
25 to 54 years	65,111	65,402	37,820	37,362	27,292	28,039
25 to 34 years	28,520	28,284	16,535	16,087	11,985	12,196
35 to 44 years	20,417	21,172	11,801	12,047	8,615	9,126
45 to 54 years	16,175	15,946	9,483	9,228	6,691	6,717
55 to 64 years	11,476	11,684	6,899	6,925	4,577	4,759
55 to 59 years	7,113	7,147	4,227	4,246	2,886	2,901
60 to 64 years	4,363	4,537	2,672	2,680	1,691	1,858
65 years and over	2,956	3,000	1,816	1,798	1,141	1,202
Nonagricultural industries	96,780	96,239	54,804	53,459	41,975	42,780
16 to 19 years	6,357	5,782	3,246	2,826	3,111	2,956
16 to 17 years	2,463	2,123	1,260	999	1,203	1,124
18 to 19 years	3,894	3,659	1,986	1,827	1,908	1,832
20 to 24 years	13,599	13,089	7,149	6,710	6,450	6,379
25 to 54 years	63,234	63,509	36,394	35,903	26,839	27,606
25 to 34 years	27,750	27,495	15,943	15,450	11,807	12,045
35 to 44 years	19,852	20,587	11,392	11,620	8,460	8,967
45 to 54 years	15,631	15,426	9,059	8,832	6,573	6,594
55 to 64 years	10,943	11,176	6,467	6,503	4,477	4,672
55 to 59 years	6,810	6,869	3,994	4,022	2,816	2,847
60 to 64 years	4,133	4,307	2,472	2,481	1,661	1,825
65 years and over	2,647	2,683	1,549	1,517	1,098	1,166
Agriculture	3,609	3,612	2,851	2,876	758	736
16 to 19 years	401	370	336	297	65	73
16 to 17 years	208	151	170	120	39	31
18 to 19 years	192	219	166	177	26	42
20 to 24 years	489	524	390	416	98	108
25 to 54 years	1,879	1,893	1,425	1,460	452	433
25 to 34 years	770	788	592	637	178	151
35 to 44 years	565	585	409	427	156	158
45 to 54 years	543	519	425	396	119	123
55 to 64 years	532	509	433	422	100	87
55 to 59 years	302	278	233	224	70	54
60 to 64 years	230	231	200	198	30	33
65 years and over	309	316	267	281	42	36

A-21. Employed persons by occupation, sex, and age

[In thousands]

Occupation	Total		Males, 20 years and over		Females, 20 years and over		Males, 16-19 years		Females, 16-19 years	
	Sept. 1981	Sept. 1982	Sept. 1981	Sept. 1982	Sept. 1981	Sept. 1982	Sept. 1981	Sept. 1982	Sept. 1981	Sept. 1982
TOTAL	100,389	99,851	54,074	53,212	39,557	40,487	3,582	3,124	3,176	3,029
White-collar workers	52,728	53,715	24,052	24,169	26,460	27,376	563	587	1,653	1,583
Professional and technical	16,535	16,867	9,139	9,173	7,260	7,552	58	60	77	83
Health workers	3,198	3,207	1,053	1,013	2,129	2,181	4	--	11	15
Teachers, except college	3,258	3,277	971	982	2,274	2,281	3	--	11	15
Other professional and technical	10,079	10,383	7,115	7,178	2,857	3,090	51	60	55	53
Managers and administrators, except farm	11,661	11,789	8,444	8,332	3,116	3,338	60	65	42	55
Salaried workers	9,617	9,893	6,921	6,915	2,598	2,861	57	65	42	54
Self-employed workers in retail trade	900	865	590	591	307	274	2	--	1	1
Self-employed workers, except retail trade	1,145	1,031	933	826	211	203	1	1	--	1
Sales workers	6,327	6,390	3,218	3,337	2,453	2,480	233	210	423	363
Retail trade	3,261	3,177	1,022	1,061	1,650	1,651	189	151	399	313
Other industries	3,066	3,214	2,196	2,276	803	829	43	60	24	50
Clerical workers	18,204	18,668	3,251	3,328	13,630	14,006	212	252	1,111	1,082
Stenographers, typists, and secretaries	4,904	4,857	85	82	4,564	4,568	1	2	255	206
Other clerical workers	13,300	13,811	3,166	3,246	9,066	9,438	211	250	856	876
Blue-collar workers	31,610	29,495	23,878	22,501	5,561	5,237	1,859	1,475	312	283
Craft and kindred workers	12,676	12,400	11,537	11,204	712	855	392	306	36	35
Carpenters	1,159	1,073	1,088	1,014	17	12	51	47	3	--
Construction craft workers, except carpenters	2,678	2,658	2,528	2,530	40	46	108	76	2	5
Mechanics and repairers	3,332	3,292	3,119	3,112	67	58	145	118	3	4
Metal craft workers	1,315	1,166	1,245	1,108	49	47	20	8	--	2
Blue-collar worker supervisors, not elsewhere classified	1,768	1,722	1,586	1,519	175	193	6	6	2	4
All other	2,425	2,489	1,972	1,921	365	499	61	49	27	20
Operatives, except transport	10,608	9,027	5,882	4,970	4,070	3,610	504	298	152	148
Durable goods manufacturing	4,610	3,757	2,942	2,254	1,507	1,401	126	65	34	37
Nondurable goods manufacturing	3,366	2,978	1,255	1,194	1,913	1,662	116	45	82	76
Other industries	2,633	2,292	1,685	1,522	649	547	262	188	35	35
Transport equipment operatives	3,562	3,430	3,095	3,004	326	293	128	119	13	15
Drivers, motor vehicles	3,006	2,989	2,586	2,591	299	271	110	112	11	15
All other	556	441	508	413	27	22	19	6	3	--
Nonfarm laborers	4,764	4,638	3,364	3,322	453	479	835	752	111	85
Construction	815	738	665	620	18	19	125	101	7	--
Manufacturing	1,049	889	811	704	134	132	90	48	14	6
Other industries	2,900	3,011	1,888	1,999	301	328	620	603	90	81
Service workers	13,126	13,753	4,043	4,434	7,030	7,381	889	817	1,164	1,121
Private household workers	952	1,032	27	23	775	820	7	17	143	172
Service workers, except private household	12,174	12,721	4,016	4,411	6,255	6,561	882	800	1,021	949
Food service workers	4,687	4,774	932	1,138	2,408	2,422	609	537	758	678
Protective service workers	1,408	1,561	1,260	1,365	129	154	17	31	3	11
All other	6,079	6,386	1,844	1,908	3,718	3,985	256	232	260	260
Farm workers	2,925	2,888	2,100	2,108	506	493	272	245	47	42
Farmers and farm managers	1,579	1,507	1,349	1,309	204	182	24	15	2	1
Farm laborers and supervisors	1,346	1,381	751	799	302	311	248	230	45	41
Paid workers	1,083	1,131	713	770	144	142	203	187	23	33
Unpaid family workers	263	249	38	29	158	169	45	43	22	8

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A-22. Employed persons by occupation, race, and sex

(Percent distribution)

Occupation and race	Total		Males		Females	
	Sept. 1981	Sept. 1982	Sept. 1981	Sept. 1982	Sept. 1981	Sept. 1982
TOTAL						
Total, 16 years and over (thousands)	100,389	99,851	57,656	56,335	42,733	43,516
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	52.5	53.0	42.7	43.9	65.8	66.5
Professional and technical	16.5	16.9	16.0	16.4	17.2	17.5
Managers and administrators, except farm	11.0	11.0	14.7	14.9	7.4	7.8
Sales workers	6.3	6.4	6.0	6.3	6.7	6.5
Clerical workers	18.1	18.7	6.0	6.4	34.5	34.7
Blue-collar workers	31.5	29.5	48.6	42.6	13.7	12.7
Craft and kindred workers	12.6	12.4	20.7	20.4	1.8	2.0
Operatives, except transport	10.6	9.0	11.1	9.4	9.9	8.6
Transport equipment operatives	3.5	3.4	5.6	5.5	.8	.7
Nonfarm laborers	4.7	4.6	7.3	7.2	1.3	1.3
Service workers	13.1	13.8	8.6	9.3	19.2	19.5
Private household workers	.9	1.3	.1	.1	2.1	2.3
Other service workers	12.1	12.7	8.5	9.2	17.0	17.3
Farm workers	2.9	2.9	4.1	4.2	1.3	1.2
Farmers and farm managers	1.6	1.5	2.4	2.4	.5	.4
Farm laborers and supervisors	1.3	1.4	1.7	1.8	.8	.8
White						
Total, 16 years and over (thousands)	88,778	88,175	51,581	50,354	37,197	37,821
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	54.1	55.5	44.1	45.6	67.9	68.7
Professional and technical	16.8	17.4	16.3	17.0	17.4	17.9
Managers and administrators, except farm	12.4	12.6	15.7	15.7	7.9	8.3
Sales workers	6.7	6.8	6.3	6.7	7.3	7.0
Clerical workers	18.2	18.7	5.7	6.2	35.4	35.4
Blue-collar workers	30.9	29.0	43.9	41.7	13.0	12.0
Craft and kindred workers	13.1	12.9	21.3	21.0	1.8	2.2
Operatives, except transport	10.0	8.4	10.6	8.8	9.0	7.9
Transport equipment operatives	3.4	3.4	5.3	5.3	.8	.7
Nonfarm laborers	4.4	4.3	6.7	6.6	1.3	1.3
Service workers	11.9	12.4	7.7	8.3	17.7	18.0
Private household workers	.7	.6	.1	(1)	1.6	1.8
Other service workers	11.2	11.6	7.7	8.2	16.1	16.1
Farm workers	3.1	3.1	4.3	4.4	1.4	1.3
Farmers and farm managers	1.7	1.7	2.6	2.6	.5	.5
Farm laborers and supervisors	1.4	1.4	1.7	1.8	.9	.9
Black and other						
Total, 16 years and over (thousands)	11,611	11,676	6,075	5,981	5,537	5,695
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	40.8	40.9	31.0	30.0	51.5	52.4
Professional and technical	14.3	13.2	12.9	11.5	15.8	14.9
Managers and administrators, except farm	5.6	6.1	6.8	7.9	4.3	4.2
Sales workers	3.1	3.1	3.0	2.9	3.2	3.3
Clerical workers	17.8	18.6	8.3	7.8	28.3	30.0
Blue-collar workers	35.8	33.8	51.0	49.7	19.0	17.1
Craft and kindred workers	8.8	8.7	15.8	15.8	1.1	1.3
Operatives, except transport	15.1	13.6	14.7	13.6	15.5	13.6
Transport equipment operatives	4.7	4.0	8.4	7.3	.7	.6
Nonfarm laborers	7.1	7.4	12.2	13.0	1.6	1.6
Service workers	21.9	24.0	15.6	18.2	28.9	30.0
Private household workers	2.8	2.8	.1	.3	5.7	5.4
Other service workers	19.2	21.2	15.5	18.0	23.2	24.6
Farm workers	1.5	1.3	2.4	2.1	.6	.5
Farmers and farm managers	.4	.2	.5	.3	.2	.1
Farm laborers and supervisors	1.2	1.1	1.9	1.8	.4	.4

(1) Less than 0.05 percent.

A-23. Employed persons by age, sex, and class of worker

(In thousands)

Age and sex	September 1982								
	Nonagricultural industries						Agriculture		
	Wage and salary workers				Self employed	Unpaid family workers	Wage and salary workers	Self employed	Unpaid family workers
	Total	Private household workers	Government	Other					
Total, 16 years and over	88,395	1,212	15,534	71,653	7,456	384	1,661	1,681	270
16 to 19 years	5,667	275	314	5,078	99	16	290	27	52
16 to 17 years	2,685	191	58	1,816	50	8	109	14	28
18 to 19 years	3,602	84	256	3,262	49	9	181	13	24
20 to 24 years	12,718	151	1,322	11,245	352	20	387	92	46
25 to 34 years	25,634	154	4,398	21,081	1,793	68	419	335	34
35 to 44 years	18,638	141	3,982	14,535	1,846	103	240	301	44
45 to 54 years	13,639	148	3,035	10,456	1,508	78	156	311	53
55 to 64 years	9,819	203	2,140	7,476	1,281	75	119	359	31
55 to 59 years	6,099	103	1,377	4,619	716	54	68	189	21
60 to 64 years	3,720	99	763	2,857	565	22	50	170	10
65 years and over	2,083	139	364	1,580	577	23	51	256	13
Males, 16 years and over	48,315	225	7,520	40,570	5,103	41	1,335	1,468	72
16 to 19 years	2,752	101	142	2,508	69	10	229	26	43
16 to 17 years	966	73	27	866	28	4	84	12	25
18 to 19 years	1,785	28	115	1,643	36	6	145	14	18
20 to 24 years	6,470	48	568	5,854	228	12	307	87	22
25 to 34 years	14,243	25	2,073	12,145	1,200	7	346	289	2
35 to 44 years	10,372	18	1,917	8,438	1,248	--	175	252	--
45 to 54 years	7,756	7	1,519	6,270	1,034	3	126	268	1
55 to 64 years	5,561	9	1,106	4,445	938	4	103	319	--
55 to 59 years	3,480	4	707	2,768	540	3	57	168	--
60 to 64 years	2,081	5	399	1,677	398	2	46	151	--
65 years and over	1,141	16	195	910	392	4	48	227	5
Females, 16 years and over	40,080	988	8,013	31,083	2,353	344	326	212	198
16 to 19 years	2,915	174	172	2,570	30	6	61	2	9
16 to 17 years	1,055	118	31	951	22	3	25	2	4
18 to 19 years	1,817	56	141	1,619	13	3	37	--	6
20 to 24 years	6,248	102	754	5,392	123	8	80	4	24
25 to 34 years	11,391	130	2,325	8,936	593	61	73	45	32
35 to 44 years	8,266	124	2,065	6,097	598	103	65	49	44
45 to 54 years	6,043	141	1,515	4,387	475	76	28	43	52
55 to 64 years	4,258	194	1,034	3,031	343	71	16	40	31
55 to 59 years	2,620	99	670	1,851	176	51	11	21	22
60 to 64 years	1,639	95	364	1,180	167	20	4	19	9
65 years and over	942	123	168	670	185	19	3	28	5

A-24. Employed persons by industry and occupation

(In thousands)

Industry	September 1982											
		White-collar workers				Blue-collar workers				Service workers		Farm workers
	Total employed	Professional and technical workers	Managers and administrators, except farm	Sales workers	Clerical workers	Craft and kindred workers	Operatives, except transport	Transport equipment operatives	Nonfarm laborers	Private household workers	Other service workers	
Agriculture	3,212	85	33	10	97	68	17	42	355	--	17	2,888
Mining	560	136	113	4	129	228	274	50	13	--	13	--
Construction	5,874	198	750	18	403	3,310	244	180	738	--	35	--
Manufacturing	19,577	2,639	1,679	494	2,589	3,899	6,735	647	889	--	405	--
Durable goods	11,785	1,854	998	175	1,492	2,574	3,757	268	489	--	228	--
Nondurable goods	8,192	784	682	319	1,098	1,325	2,978	379	400	--	177	--
Transportation and public utilities	6,626	681	760	70	1,443	1,409	164	1,468	424	--	208	--
Wholesale and retail trade	20,566	504	4,174	4,216	3,839	1,460	856	731	1,293	--	3,893	--
Wholesale trade	4,111	169	889	1,039	843	323	206	357	260	--	25	--
Retail trade	16,455	335	3,285	3,177	2,997	1,136	651	373	1,033	--	3,868	--
Finance, insurance, and real estate	6,163	415	1,224	1,345	2,716	119	4	16	93	--	232	--
Services	30,502	11,202	2,418	230	5,586	1,614	686	242	681	1,032	6,811	--
Private households	1,283	4	1	--	22	2	12	9	166	1,032	35	--
Other service industries	29,219	11,198	2,417	230	5,564	1,612	674	233	515	--	6,776	--
Public administration	5,171	1,008	638	9	1,866	295	47	54	152	--	1,108	--

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A-25. Employed persons with a job but not at work by reason, sex, and pay status

(In thousands)

Reason not working and sex	All industries		Nonagricultural industries					
			Total		Wage and salary workers[1]			
					Paid absences[2]		Unpaid absences[2]	
	Sept. 1981	Sept. 1982	Sept. 1981	Sept. 1982	Sept. 1981	Sept. 1982	Sept. 1981	Sept. 1982
Total, 16 years and over	5,478	4,922	5,357	4,825	3,083	2,578	1,750	1,632
Vacation	3,186	2,653	3,142	2,608	2,355	1,901	557	467
Illness	1,303	1,270	1,278	1,232	530	505	658	637
Bad weather	37	46	27	36	--	--	--	--
Industrial dispute	30	58	30	58	--	--	--	--
All other reasons	922	916	880	891	197	172	534	528
Males, 16 years and over	2,529	2,593	2,828	2,519	1,748	1,447	753	691
Vacation	1,717	1,929	1,683	1,907	1,383	1,099	202	174
Illness	736	673	717	643	312	282	346	295
All other reasons[3]	472	491	428	468	93	65	205	222
Females, 16 years and over	2,556	2,329	2,529	2,306	1,335	1,131	997	940
Vacation	1,470	1,204	1,459	1,200	1,013	801	355	292
Illness	567	598	561	589	219	223	312	342
All other reasons[3]	517	529	509	516	103	107	329	306

[1] Excludes private household workers.

[2] Pay status not available separately for bad weather and industrial dispute; these categories are included in "all other reasons."

[3] Includes bad weather and industrial dispute, not shown separately.

NOTE: Estimates for "all other reasons" by pay status may be biased because of high response variance; data should be used with caution.

A-26. Persons at work by hours of work and industry

Hours of work	September 1982					
	Thousands of persons			Percent distribution		
	All industries	Nonagricultural industries	Agriculture	All industries	Nonagricultural industries	Agriculture
Total, 16 years and over	94,929	91,415	3,514	100.0	100.0	100.0
1-34 hours	23,890	22,775	1,114	25.2	24.9	31.7
1-4 hours	950	882	68	1.0	1.0	1.9
5-14 hours	4,627	4,356	270	4.9	4.8	7.7
15-29 hours	11,799	11,247	552	12.4	12.3	15.7
30-34 hours	6,514	6,290	224	6.9	6.9	6.4
35 hours and over	71,039	68,639	2,400	74.8	75.1	68.3
35-39 hours	6,960	6,852	109	7.3	7.5	3.1
40 hours	40,341	39,762	580	42.5	43.5	16.5
41 hours and over	23,738	22,025	1,711	25.0	24.1	48.7
41 to 48 hours	8,782	8,540	241	9.3	9.3	6.9
49 to 59 hours	8,435	7,917	518	8.9	8.7	14.7
60 hours and over	6,521	5,568	952	6.9	6.1	27.1
Average hours, total at work	38.3	38.1	43.8	--	--	--
Average hours, workers on full-time schedules	43.2	42.8	53.2	--	--	--

A-27. Persons at work 1 to 34 hours by reason for working less than 35 hours and usual status

(Numbers in thousands)

Reason for working less than 35 hours	September 1982					
	All industries			Nonagricultural industries		
	Total	Usually work full time	Usually work part time	Total	Usually work full time	Usually work part time
Total, 16 years and over	23,890	6,740	17,150	22,775	6,422	16,354
Economic reasons	6,267	2,432	3,835	5,924	2,286	3,638
Slack work	3,349	2,050	1,299	3,112	1,925	1,187
Material shortages or repairs to plant and equipment	64	64	--	63	63	--
New job started during week	214	214	--	201	201	--
Job terminated during week	104	104	--	97	97	--
Could find only part-time work	2,536	--	2,536	2,450	--	2,450
Other reasons	17,622	4,308	13,314	16,853	4,137	12,716
Does not want, or unavailable for, full-time work	11,026	--	11,026	10,563	--	10,563
Vacation	1,053	1,053	--	1,029	1,029	--
Illness	1,617	1,432	185	1,555	1,405	150
Bad weather	276	276	--	192	192	--
Industrial dispute	62	62	--	62	62	--
Legal or religious holiday	112	112	--	112	112	--
Full time for this job	1,559	--	1,559	1,521	--	1,521
All other reasons	1,917	1,373	544	1,818	1,337	481
Average hours						
Economic reasons	21.7	24.6	19.9	21.8	24.7	20.0
Other reasons	20.4	26.2	18.5	20.5	26.3	18.6
Worked 30 to 34 hours						
Economic reasons	1,971	1,158	813	1,877	1,102	775
Other reasons	4,543	2,296	2,247	4,413	2,234	2,179

A-28. Nonagricultural workers by industry and full- or part-time status

(Numbers in thousands)

Industry	September 1982								
	Full- or part-time status							Average hours, total at work	Average hours, workers on full-time schedules
	Total at work	On part time for economic reasons	On voluntary part time	On full time schedules					
				Total	40 hours or less	41 to 48 hours	49 hours or more		
Total, 16 years and over [1]	91,415	5,924	12,716	72,775	50,750	8,590	13,485	38.1	42.8
Wage and salary workers	84,146	5,251	11,299	67,596	48,400	7,982	11,214	37.9	42.4
Construction	4,467	407	206	3,854	2,798	453	603	39.1	42.1
Manufacturing	18,584	1,040	534	17,010	12,442	2,225	2,343	40.5	42.0
Durable goods	11,000	519	209	10,272	7,665	1,251	1,356	40.8	41.9
Nondurable goods	7,584	521	325	6,738	4,777	974	987	40.0	42.2
Transportation and public utilities	5,679	223	361	5,295	3,788	578	929	40.7	43.0
Wholesale and retail trade	16,014	1,592	4,140	12,482	7,995	1,716	2,571	35.8	43.1
Finance, insurance, and real estate	5,377	142	484	4,751	3,687	450	614	38.7	41.1
Service industries	26,020	1,892	5,257	19,071	13,784	1,968	3,339	35.9	42.3
Private households	1,170	272	561	337	240	29	68	21.6	43.8
All other industries	24,850	1,620	4,696	18,734	13,524	1,939	3,271	36.6	42.3
Public administration	4,928	105	303	4,520	3,464	462	594	40.1	42.1
Self employed workers	6,884	646	1,257	4,981	2,213	534	2,234	40.4	48.9
Unpaid family workers	384	27	159	198	137	24	37	33.4	44.0

[1] Includes mining, not shown separately.

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A-29. Persons at work in nonagricultural industries by sex, age, race, marital status, and full- or part-time status

(Numbers in thousands)

Sex, age, race, and marital status	September 1982							
	Total at work	On part time for economic reasons	On voluntary part time	On full time schedules			Average hours, total at work	Average hours, workers on full time schedules
				Total	40 hours or less	41 hours or more		
TOTAL								
Both sexes, 16 years and over	91,415	5,924	12,716	72,775	50,750	22,025	38.1	42.8
16 to 21 years	10,168	1,168	4,052	4,948	3,912	1,036	28.6	40.5
16 to 19 years	5,617	658	3,061	1,898	1,550	348	24.4	39.9
16 to 17 years	2,065	134	1,772	159	143	16	16.1	35.0
18 to 19 years	3,553	524	1,289	1,740	1,407	333	29.2	40.4
20 years and over	85,798	5,265	9,654	70,879	49,202	21,677	39.0	42.9
20 to 24 years	12,617	1,217	1,875	9,525	7,130	2,395	36.2	41.5
25 years and over	73,181	4,049	7,778	61,354	42,070	19,284	39.5	43.1
25 to 44 years	45,885	2,587	4,114	39,184	26,472	12,712	40.0	43.3
45 to 64 years	24,843	1,336	2,493	21,014	14,740	6,274	39.6	42.9
65 years and over	2,453	127	1,172	1,154	856	298	28.7	42.2
Males, 16 years and over	50,940	2,770	3,682	44,488	28,068	16,420	41.1	44.2
16 to 21 years	4,999	559	1,800	2,640	1,915	725	30.2	41.5
16 to 19 years	2,737	302	1,383	1,052	819	233	25.7	40.5
16 to 17 years	972	70	805	97	81	16	17.0	35.3
18 to 19 years	1,765	232	578	955	739	216	30.6	41.1
20 years and over	45,204	2,467	2,298	43,439	27,252	16,187	42.0	44.2
20 to 24 years	6,496	619	761	5,116	3,427	1,689	38.1	42.9
25 years and over	41,708	1,848	1,538	38,322	23,824	14,498	42.5	44.4
25 to 44 years	25,947	1,203	505	24,239	14,676	9,563	43.2	44.7
45 to 64 years	14,381	587	419	13,375	8,646	4,729	42.6	44.0
65 years and over	1,380	60	614	706	501	205	30.5	43.1
Females, 16 years and over	40,475	3,154	9,034	28,287	22,681	5,606	34.3	40.7
16 to 21 years	5,168	609	2,253	2,306	1,995	311	27.1	39.2
16 to 19 years	2,881	356	1,678	847	732	115	23.2	39.1
16 to 17 years	1,093	64	967	62	62	--	15.4	34.3
18 to 19 years	1,788	292	711	785	669	116	28.0	39.5
20 years and over	37,594	2,799	7,356	27,439	21,948	5,491	35.2	40.8
20 to 24 years	6,121	598	1,114	4,409	3,703	706	34.3	40.0
25 years and over	31,473	2,200	6,242	23,031	18,246	4,785	35.4	40.9
25 to 44 years	19,938	1,384	3,609	14,945	11,795	3,150	35.8	40.9
45 to 64 years	10,462	749	2,074	7,639	6,093	1,546	35.4	40.9
65 years and over	1,073	67	559	447	356	91	26.5	40.9
RACE								
White	80,605	4,837	11,665	64,103	43,692	20,411	38.2	43.0
Males	45,438	2,272	3,338	39,828	24,480	15,348	41.4	44.4
Females	35,167	2,566	8,327	24,274	19,211	5,063	34.2	40.8
Black and other	10,810	1,085	1,050	8,675	7,060	1,615	37.0	41.2
Males	5,502	498	344	4,660	3,587	1,073	38.7	42.1
Females	5,308	589	707	4,012	3,468	544	35.3	40.1
MARITAL STATUS								
Males, 16 years and over								
Married, spouse present	34,877	1,390	1,150	32,337	19,632	12,705	42.9	44.6
Widowed, divorced, or separated	4,412	299	224	3,889	2,541	1,348	41.4	44.1
Single (never married)	11,651	1,081	2,307	8,263	5,896	2,367	35.5	42.6
Females, 16 years and over								
Married, spouse present	22,441	1,601	5,358	15,482	12,572	2,910	34.2	40.6
Widowed, divorced, or separated	7,925	644	1,029	6,252	4,778	1,474	37.0	41.4
Single (never married)	10,108	908	2,647	6,553	5,332	1,221	32.5	40.4

A-30. Persons at work in nonfarm occupations by sex and full- or part-time status

(Numbers in thousands)

Occupation and sex	September 1982								
	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules				Average hours, total at work	Average hours, workers on full-time schedules
				Total	40 hours or less	41 to 48 hours	49 hours or more		
Total, 16 years and over	92,115	6,003	12,870	73,242	50,987	8,588	13,667	38.1	42.9
White-collar workers	51,186	1,882	7,154	42,150	28,265	4,804	9,081	39.1	43.3
Professional and technical	16,155	431	1,916	13,808	8,999	1,647	3,162	40.0	43.6
Managers and administrators, except farm	11,249	179	544	10,526	5,233	1,430	3,863	45.0	46.7
Sales workers	6,068	422	1,405	4,241	2,545	531	1,165	36.4	40.0
Clerical workers	17,713	849	3,289	13,575	11,490	1,195	890	35.3	40.0
Blue-collar workers	27,866	2,578	1,783	23,505	16,880	3,081	3,584	39.0	42.4
Craft and kindred workers	11,724	784	395	10,545	7,282	1,444	1,819	40.7	42.8
Operatives, except transport	8,533	922	337	7,214	5,581	926	707	38.6	41.3
Transport equipment operatives	3,199	258	243	2,698	1,589	374	735	41.4	45.3
Nonfarm laborers	4,411	614	747	3,050	2,390	338	322	33.9	41.1
Service workers	13,063	1,543	3,933	7,587	5,882	703	1,002	32.1	41.9
Private household	991	193	496	302	212	27	63	23.2	44.9
Other service workers	12,071	1,350	3,438	7,283	5,669	676	938	32.9	41.8
Males, 16 years and over	51,444	2,829	3,758	44,857	28,248	5,774	10,835	41.0	44.1
White-collar workers	23,758	507	1,495	21,756	12,073	2,785	6,898	43.3	45.5
Professional and technical	8,887	155	500	8,232	4,921	937	2,374	42.9	44.9
Managers and administrators, except farm	8,055	113	225	7,717	3,417	1,088	3,212	46.6	47.8
Sales workers	3,416	119	390	2,907	1,567	400	940	41.3	45.2
Clerical workers	3,400	120	380	2,900	2,169	359	372	38.6	41.8
Blue-collar workers	22,681	1,921	1,242	19,518	13,546	2,638	3,334	39.7	42.8
Craft and kindred workers	10,888	748	292	9,868	6,745	1,371	1,752	41.0	42.9
Operatives, except transport	5,007	433	183	4,411	3,246	610	555	39.7	42.0
Transport equipment operatives	2,910	224	140	2,546	1,467	360	719	42.5	45.5
Nonfarm laborers	3,877	557	627	2,693	2,089	297	307	34.1	41.3
Service workers	5,005	401	1,021	3,583	2,629	351	603	36.2	43.2
Private household	38	13	20	5	1	2	2	17.3	73.2
Other service workers	4,967	388	1,000	3,579	2,628	350	601	36.4	43.2
Females, 16 years and over	40,671	3,174	9,113	28,384	22,739	2,814	2,831	34.3	40.7
White-collar workers	27,428	1,375	5,659	20,394	16,192	2,019	2,183	35.4	40.8
Professional and technical	7,267	276	1,416	5,575	4,077	710	788	36.4	41.7
Managers and administrators, except farm	3,194	67	319	2,808	1,816	342	652	40.9	43.8
Sales workers	2,652	303	1,015	1,334	977	131	226	30.1	41.5
Clerical workers	14,314	730	2,909	10,675	9,322	836	517	34.6	39.5
Blue-collar workers	5,185	657	541	3,987	3,294	443	250	36.1	40.2
Craft and kindred workers	836	56	103	677	536	73	68	36.9	40.8
Operatives, except transport	3,526	509	214	2,803	2,335	316	152	36.9	40.2
Transport equipment operatives	289	34	103	152	122	14	16	30.6	40.5
Nonfarm laborers	534	57	121	356	301	41	14	32.7	39.3
Service workers	8,058	1,142	2,913	4,003	3,253	352	398	29.6	40.7
Private household	954	180	475	299	213	25	61	23.4	48.5
Other service workers	7,104	962	2,438	3,704	3,041	327	336	30.4	40.4

HOUSEHOLD DATA

A-31. Employment status of 14- and 15-year-olds by sex and race

(Numbers in thousands)

Employment status	September 1982								
	Total			White			Black and other		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Civilian noninstitutional population	3,141	3,636	3,505	5,895	3,016	2,878	1,246	620	627
Civilian labor force	1,055	550	505	1,003	526	478	51	24	28
Employed	878	446	433	849	430	419	29	16	14
Agriculture	105	88	16	104	88	17	--	1	--
Nonagricultural industries	774	357	416	745	342	402	29	15	14
Unemployed	176	104	73	154	96	59	22	8	14
Unemployment rate	16.7	18.9	14.5	15.4	18.3	12.3	(1)	(1)	(1)
Not in labor force	2,086	3,086	3,000	4,891	2,491	2,401	1,195	596	599
Keeping house	17	8	9	12	6	6	5	2	3
Going to school	2,517	2,979	2,938	4,765	2,413	2,353	1,152	567	585
Unable to work	2	--	4	2	--	4	--	--	--
All other reasons	150	100	49	112	73	38	38	27	11

[1] Percent not shown where base is less than 75,000.

A-32. Employed 14- and 15-year-olds by class of worker, occupation, and sex

Class of worker and occupation	September 1982					
	Thousands of persons			Percent distribution		
	Both sexes	Males	Females	Both sexes	Males	Females
CLASS OF WORKER						
Total	878	446	433	100.0	100.0	100.0
Nonagricultural industries	774	357	416	88.3	79.9	96.3
Wage and salary workers	680	299	381	77.5	66.9	88.2
Private household workers	312	64	248	35.6	14.3	57.4
Government workers	9	6	3	1.0	1.3	.7
Other wage and salary workers	358	229	129	40.8	51.2	29.9
Self-employed workers	86	57	29	9.8	12.8	6.7
Unpaid family workers	8	2	6	.9	.4	1.4
Agriculture	105	88	16	12.0	19.7	3.7
Wage and salary workers	57	47	10	6.5	10.5	2.3
Self-employed workers	27	27	1	3.1	6.0	.2
Unpaid family workers	20	15	6	2.3	3.4	1.4
OCCUPATION						
Total	878	446	433	100.0	100.0	100.0
White collar workers	273	178	95	31.1	39.8	21.9
Professional and technical	13	5	8	1.5	1.1	1.8
Managers and administrators, except farm	3	2	--	.3	.4	--
Sales workers	214	156	58	24.3	34.9	13.4
Clerical workers	43	15	28	4.9	3.4	6.5
Blue collar workers	142	131	11	16.2	29.3	2.5
Craft and kindred workers	--	1	--	--	.2	--
Operatives, except transport	5	3	2	.6	.7	.5
Transport equipment operatives	2	--	2	.2	--	.5
Nonfarm laborers	136	128	8	15.5	28.6	1.8
Service workers	395	81	314	44.9	18.1	72.5
Private household workers	264	14	250	30.0	3.1	57.7
Other service workers	131	67	65	14.9	15.0	15.0
Farm workers	68	56	12	7.7	12.5	2.8
Farmers and farm managers	--	--	--	--	--	--
Farm laborers and supervisors	68	56	12	7.7	12.5	2.8

A-33. Employment status of the noninstitutional population by sex and age, seasonally adjusted

(Numbers in thousands)

Employment status, sex, and age	1981				1982								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
TOTAL													
Total noninstitutional population [1]	172,758	172,966	173,155	173,330	173,495	173,657	173,843	174,020	174,201	174,364	174,544	174,707	174,889
Armed Forces [1]	2,165	2,158	2,158	2,164	2,159	2,168	2,175	2,176	2,175	2,173	2,180	2,196	2,198
Civilian noninstitutional population [1]	170,593	170,809	170,996	171,166	171,335	171,489	171,667	171,844	172,026	172,190	172,364	172,511	172,690
Civilian labor force	108,494	109,012	109,272	109,184	108,879	109,165	109,346	109,648	110,666	110,191	110,522	110,644	110,980
Percent of civilian population	63.6	63.8	63.9	63.8	63.5	63.7	63.7	63.8	64.3	64.0	64.1	64.1	64.3
Employed	100,358	100,343	100,172	99,613	99,581	99,590	99,492	99,340	100,117	99,764	99,732	99,839	99,720
Percent of total population	58.0	58.0	57.9	57.5	57.4	57.3	57.2	57.1	57.5	57.2	57.1	57.1	57.0
Agriculture	3,358	3,378	3,372	3,209	3,411	3,373	3,349	3,309	3,488	3,357	3,460	3,435	3,368
Nonagricultural industries	96,900	96,965	96,800	96,404	96,170	96,217	96,144	96,032	96,629	96,406	96,272	96,404	96,352
Unemployed	8,136	8,669	9,100	9,571	9,298	9,575	9,854	10,307	10,549	10,427	10,790	10,805	11,260
Unemployment rate	7.5	8.0	8.3	8.8	8.5	8.8	9.0	9.4	9.5	9.5	9.8	9.8	10.1
Not in labor force	62,099	61,797	61,724	61,982	62,456	62,324	62,321	62,197	61,360	61,999	61,842	61,867	61,710
Males, 20 years and over													
Total noninstitutional population [1]	74,382	74,502	74,610	74,714	74,810	74,906	75,015	75,121	75,227	75,323	75,429	75,531	75,640
Civilian noninstitutional population [1]	72,670	72,795	72,921	73,020	73,120	73,209	73,287	73,392	73,499	73,585	73,685	73,774	73,867
Civilian labor force	57,262	57,355	57,459	57,665	57,368	57,448	57,554	57,730	58,164	58,016	58,084	58,026	58,407
Percent of civilian population	78.8	78.8	78.8	79.0	78.5	78.5	78.5	78.7	79.1	78.8	78.8	78.7	79.1
Employed	53,693	53,509	53,354	53,122	53,047	53,097	53,006	52,988	53,260	52,985	52,996	52,887	52,828
Percent of total population	72.2	71.8	71.5	71.1	70.9	70.9	70.7	70.5	70.8	70.3	70.3	70.0	69.8
Agriculture	2,383	2,413	2,382	2,311	2,390	2,386	2,377	2,382	2,464	2,424	2,474	2,436	2,447
Nonagricultural industries	51,310	51,091	50,972	50,811	50,657	50,711	50,629	50,606	50,796	50,561	50,522	50,451	50,381
Unemployed	3,569	3,851	4,105	4,543	4,322	4,351	4,548	4,742	4,904	5,031	5,088	5,139	5,579
Unemployment rate	6.2	6.7	7.1	7.9	7.5	7.6	7.9	8.2	8.4	8.7	8.8	8.9	9.6
Not in labor force	15,408	15,440	15,462	15,355	15,752	15,761	15,733	15,662	15,335	15,569	15,601	15,748	15,460
Females, 20 years and over													
Total noninstitutional population [1]	81,546	82,074	82,193	82,306	82,415	82,523	82,640	82,753	82,868	82,976	83,091	83,201	83,320
Civilian noninstitutional population [1]	81,792	81,920	82,038	82,151	82,260	82,367	82,478	82,591	82,707	82,811	82,926	83,035	83,152
Civilian labor force	42,344	42,831	42,987	42,888	42,868	43,031	43,243	43,301	43,683	43,904	44,076	44,115	44,025
Percent of civilian population	51.8	52.3	52.4	52.2	52.1	52.2	52.4	52.4	52.8	53.0	53.2	53.1	52.9
Employed	39,426	39,834	39,878	39,713	39,764	39,744	39,807	39,715	40,075	40,350	40,392	40,490	40,369
Percent of total population	48.1	48.5	48.5	48.3	48.2	48.2	48.2	48.0	48.4	48.6	48.6	48.7	48.5
Agriculture	604	556	635	572	649	628	636	601	634	581	600	589	585
Nonagricultural industries	38,818	39,278	39,243	39,141	39,115	39,116	39,172	39,114	39,441	39,769	39,791	39,901	39,784
Unemployed	2,918	3,017	3,109	3,175	3,104	3,286	3,435	3,586	3,608	3,554	3,684	3,626	3,656
Unemployment rate	6.9	7.0	7.2	7.4	7.2	7.6	7.9	8.3	8.3	8.1	8.4	8.2	8.3
Not in labor force	39,448	39,085	39,051	39,281	39,392	39,336	39,235	39,290	39,024	38,907	38,850	38,920	39,127
Both sexes, 16-19 years													
Total noninstitutional population [1]	16,429	16,390	16,351	16,310	16,269	16,228	16,188	16,146	16,106	16,065	16,028	15,976	15,929
Civilian noninstitutional population [1]	16,131	16,093	16,037	15,995	15,955	15,913	15,902	15,861	15,820	15,794	15,753	15,702	15,671
Civilian labor force	8,888	8,826	8,826	8,631	8,643	8,686	8,549	8,616	8,819	8,271	8,362	8,503	8,548
Percent of civilian population	55.1	54.8	55.0	54.0	54.2	54.6	53.8	54.3	55.7	52.4	53.1	54.2	54.5
Employed	7,139	7,025	6,940	6,778	6,771	6,748	6,679	6,637	6,782	6,429	6,344	6,463	6,523
Percent of total population	43.5	42.9	42.4	41.6	41.6	41.6	41.3	41.1	42.1	40.0	39.6	40.5	41.0
Agriculture	387	365	355	326	373	359	336	326	390	353	386	411	336
Nonagricultural industries	6,772	6,656	6,585	6,452	6,398	6,389	6,343	6,311	6,392	6,076	5,958	6,052	6,187
Unemployed	1,749	1,801	1,886	1,853	1,872	1,938	1,870	1,979	2,037	1,842	2,018	2,040	2,025
Unemployment rate	19.7	20.4	21.4	21.5	21.7	22.3	21.9	23.0	23.1	22.3	24.1	24.0	23.7
Not in labor force	7,243	7,267	7,211	7,364	7,312	7,227	7,353	7,245	7,001	7,523	7,391	7,199	7,123

[1] The population and Armed Forces figures are not adjusted for seasonal variations.

NOTE: Detail for the household data shown in tables A-33 through A-42 will not necessarily add to totals, because of the independent seasonal adjustment of the various series.

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HOUSEHOLD DATA
SEASONALLY ADJUSTED

A-34. Full- and part-time status of the civilian labor force, seasonally adjusted

(Numbers in thousands)

Full- and part-time status	1981				1982								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
FULL TIME													
Total, 16 years and over													
Civilian labor force	92,601	93,359	93,607	93,856	93,129	93,421	93,860	93,890	94,619	93,984	94,348	94,404	94,690
Employed	86,044	86,155	86,062	85,729	85,324	85,523	85,505	85,289	85,903	85,112	85,406	85,337	85,091
Unemployed	6,557	7,204	7,545	8,127	7,805	7,897	8,355	8,601	8,717	8,873	8,942	9,067	9,599
Unemployment rate	7.3	7.7	8.1	8.7	8.4	8.5	8.9	9.2	9.2	9.4	9.5	9.6	10.1
PART TIME													
Total, 16 years and over													
Civilian labor force	15,662	15,690	15,721	15,399	15,853	15,832	15,470	15,836	15,911	16,167	16,215	16,225	16,287
Employed	14,160	14,198	14,125	13,982	14,337	13,951	13,926	14,112	14,237	14,584	14,371	14,552	14,579
Unemployed	1,502	1,492	1,596	1,417	1,515	1,881	1,544	1,724	1,674	1,583	1,844	1,672	1,708
Unemployment rate	9.6	9.5	10.2	9.2	9.6	10.8	10.0	10.9	10.5	9.8	11.4	10.3	10.5

NOTE: Persons on part-time schedules for economic reasons are included in the full-time employed category; unemployed persons are allocated by whether seeking full- or part-time work.

A-35. Employment status by race, sex, and age, seasonally adjusted

(Numbers in thousands)

Race, sex, and age	1981				1982								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
WHITE													
Total, 16 years and over													
Civilian labor force	94,884	95,365	95,535	95,329	95,120	95,333	95,508	96,015	96,641	96,223	96,493	96,414	96,762
Employed	88,628	88,734	88,498	88,010	87,955	87,990	87,956	87,988	88,450	88,173	88,137	88,133	88,020
Unemployed	6,256	6,631	7,037	7,319	7,165	7,344	7,552	8,026	8,191	8,050	8,356	8,281	8,742
Unemployment rate	6.6	7.0	7.4	7.7	7.5	7.7	7.9	8.4	8.5	8.4	8.7	8.6	9.0
Males, 20 years and over													
Civilian labor force	50,712	50,811	50,881	50,948	50,757	50,812	50,903	51,124	51,394	51,252	51,292	51,269	51,607
Employed	47,948	47,790	47,649	47,449	47,410	47,430	47,351	47,393	47,535	47,300	47,256	47,202	47,163
Unemployed	2,764	3,021	3,232	3,499	3,347	3,382	3,552	3,731	3,859	3,952	4,037	4,067	4,444
Unemployment rate	5.5	5.9	6.4	6.9	6.6	6.7	7.0	7.3	7.5	7.7	7.9	7.9	8.6
Females, 20 years and over													
Civilian labor force	36,294	36,742	36,832	36,733	36,698	36,860	37,038	37,179	37,428	37,619	37,845	37,716	37,708
Employed	34,155	34,517	34,513	34,368	34,380	34,427	34,475	34,489	34,682	34,944	35,067	35,033	34,930
Unemployed	2,139	2,225	2,319	2,365	2,319	2,433	2,564	2,690	2,746	2,675	2,777	2,683	2,777
Unemployment rate	5.9	6.1	6.3	6.4	6.3	6.6	6.9	7.2	7.3	7.1	7.3	7.1	7.4
Both sexes, 16 to 19 years													
Civilian labor force	7,878	7,812	7,822	7,648	7,665	7,662	7,567	7,712	7,819	7,352	7,356	7,429	7,447
Employed	6,525	6,427	6,336	6,193	6,166	6,133	6,130	6,106	6,233	5,929	5,814	5,899	5,927
Unemployed	1,353	1,385	1,486	1,455	1,499	1,529	1,437	1,606	1,586	1,423	1,542	1,530	1,520
Unemployment rate	17.2	17.7	19.0	19.0	19.6	20.0	19.0	20.8	20.3	19.4	21.0	20.6	20.4
BLACK AND OTHER													
Total, 16 years and over													
Civilian labor force	13,617	13,697	13,757	13,773	13,704	13,857	13,810	13,768	14,097	13,947	14,027	14,232	14,282
Employed	11,607	11,611	11,661	11,610	11,632	11,653	11,515	11,446	11,669	11,560	11,594	11,738	11,687
Unemployed	2,010	2,086	2,096	2,163	2,072	2,204	2,294	2,322	2,429	2,387	2,433	2,494	2,595
Unemployment rate	14.8	15.2	15.2	15.7	15.1	15.9	16.6	16.9	17.2	17.1	17.3	17.5	18.2
Males, 20 years and over													
Civilian labor force	6,551	6,573	6,595	6,614	6,563	6,649	6,620	6,704	6,759	6,762	6,784	6,797	6,876
Employed	5,715	5,711	5,694	5,647	5,630	5,688	5,622	5,667	5,709	5,688	5,720	5,703	5,662
Unemployed	836	862	901	967	933	961	998	1,037	1,050	1,075	1,063	1,093	1,213
Unemployment rate	12.8	13.1	13.7	14.6	14.2	14.5	15.1	15.5	15.5	15.9	15.7	16.1	17.6
Females, 20 years and over													
Civilian labor force	6,085	6,096	6,147	6,163	6,152	6,163	6,199	6,145	6,324	6,273	6,247	6,370	6,341
Employed	5,481	5,501	5,359	5,355	5,388	5,338	5,321	5,248	5,407	5,387	5,350	5,474	5,436
Unemployed	804	795	788	808	764	826	878	897	917	887	897	896	905
Unemployment rate	13.2	13.0	12.8	13.1	12.4	13.4	14.2	14.6	14.5	14.1	14.4	14.1	14.3
Both sexes, 16 to 19 years													
Civilian labor force	981	1,028	1,015	996	989	1,044	991	919	1,014	912	997	1,066	1,066
Employed	611	599	608	608	614	627	573	531	553	486	524	561	589
Unemployed	370	429	407	388	375	417	418	388	461	426	473	505	477
Unemployment rate	37.7	41.7	40.1	39.0	37.9	39.9	42.2	42.2	45.5	46.7	47.4	47.4	44.7

A-36. Major unemployment indicators, seasonally adjusted

[Unemployment rates]

Category	1981				1982								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
CHARACTERISTIC													
Total (all civilian workers)	7.6	8.0	8.3	8.8	8.5	8.8	9.0	9.4	9.5	9.5	9.8	9.8	10.1
Males, 20 years and over	6.2	6.7	7.1	7.9	7.5	7.6	7.9	8.2	8.4	8.7	8.8	8.9	9.6
Females, 20 years and over	6.9	7.0	7.2	7.4	7.2	7.6	7.9	8.3	8.3	8.1	8.4	8.2	8.3
Both sexes, 16-19 years	19.7	20.4	21.4	21.5	21.7	22.3	21.9	23.0	23.1	22.3	24.1	24.0	23.7
White	6.6	7.0	7.4	7.7	7.5	7.7	7.9	8.4	8.5	8.4	8.7	8.6	9.0
Black and other	14.8	15.2	15.2	15.7	15.1	15.9	16.6	16.9	17.2	17.1	17.3	17.5	18.2
Married men, spouse present	4.4	4.8	5.2	5.7	5.3	5.3	5.5	6.0	6.1	6.5	6.6	6.7	7.3
Married women, spouse present	6.0	6.1	6.5	6.6	6.2	7.0	7.1	7.8	7.4	7.0	7.4	7.1	7.5
Women who maintain families	10.7	10.6	10.8	10.5	10.4	10.2	10.6	11.5	11.8	12.4	12.0	11.6	12.4
Full time workers	7.3	7.7	8.1	8.7	8.4	8.5	8.9	9.2	9.2	9.4	9.5	9.6	10.1
Part time workers	9.6	9.5	10.2	9.2	9.6	10.8	10.0	10.9	10.5	9.8	11.4	10.3	10.5
Unemployed 15 weeks and over[1]	2.1	2.1	2.2	2.2	2.2	2.5	2.7	2.7	3.0	3.3	3.2	3.3	3.5
Labor force time lost[2]	8.5	9.1	9.5	10.1	10.0	9.8	10.4	10.4	11.1	10.2	10.7	10.7	11.7
OCCUPATION													
White collar workers	4.1	4.1	4.2	4.5	4.2	4.6	4.8	4.9	4.8	5.0	4.9	4.8	4.8
Professional and technical	2.8	2.6	2.7	3.4	2.9	3.1	3.2	3.2	3.3	3.3	3.3	3.1	3.2
Managers and administrators, except farm	2.7	2.8	3.0	3.1	2.7	3.1	3.0	3.3	3.5	3.8	3.7	3.8	3.6
Sales workers	5.0	4.9	5.0	4.9	4.5	4.8	5.8	5.6	5.2	5.8	5.4	5.5	5.4
Clerical workers	5.8	6.0	6.0	6.2	6.3	6.7	6.9	7.2	6.8	6.9	6.9	6.7	6.7
Blue collar workers	10.2	10.9	11.8	12.7	12.5	12.5	12.9	13.7	13.5	13.9	14.4	14.2	15.6
Craft and kindred workers	7.7	8.3	8.5	9.3	9.0	8.4	9.1	9.6	9.4	10.3	10.9	10.6	11.4
Operatives, except transport	11.6	12.8	14.1	15.5	15.4	15.4	15.9	16.9	16.5	16.7	17.4	17.5	20.2
Transport equipment operatives	8.7	8.0	10.4	10.5	10.2	10.3	10.4	10.7	11.8	13.0	11.6	12.5	11.6
Nonfarm laborers	14.6	15.6	16.0	16.9	16.9	17.9	17.9	19.2	18.3	17.9	18.6	17.4	19.2
Service workers	9.0	9.3	9.7	9.6	9.2	9.8	10.2	11.1	11.3	9.9	10.5	10.6	10.7
Farm workers	4.0	6.2	6.2	6.4	6.9	4.9	5.4	5.8	8.3	7.2	6.1	6.9	5.1
INDUSTRY													
Nonagricultural private wage and salary workers[3]	7.7	8.1	8.4	9.1	8.8	9.0	9.5	9.9	9.9	10.0	10.2	10.1	10.7
Construction	16.3	17.6	17.8	18.1	18.7	18.1	17.9	19.4	18.8	19.2	20.3	20.3	22.6
Manufacturing	7.9	8.6	9.4	11.0	10.4	10.6	10.8	11.3	11.6	12.3	12.0	12.1	13.8
Durable goods	7.7	8.6	9.5	11.8	11.0	11.3	10.8	11.9	12.2	13.2	12.7	12.9	14.9
Nondurable goods	8.3	8.6	9.3	9.6	9.5	9.5	10.8	10.5	10.7	11.0	11.0	10.8	12.3
Transportation	4.2	4.8	5.5	6.0	6.4	5.9	5.6	7.0	6.5	6.9	6.1	7.0	6.9
Wholesale and retail trade	8.5	8.4	8.6	8.9	8.7	9.0	10.3	10.1	10.6	9.7	10.5	9.8	9.8
Finance and service industries	6.0	6.2	6.1	6.4	5.9	6.5	6.9	7.0	6.9	6.8	7.0	7.0	6.8
Government workers	4.7	4.7	5.2	5.0	4.8	5.2	4.9	5.3	5.0	4.6	4.6	4.6	4.9
Agricultural wage and salary workers	11.0	13.4	14.1	14.8	16.2	12.8	14.0	14.6	18.2	16.3	13.8	14.3	12.5

[1] Unemployment as a percent of the civilian labor force

[2] Aggregate hours lost by the unemployed and persons on part time for economic reasons as a percent of potentially available labor force hours

[3] Includes mining, not shown separately

A-37. Unemployed persons by duration of unemployment, seasonally adjusted

[Numbers in thousands]

Weeks of unemployment	1981				1982								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
DURATION													
Less than 5 weeks	3,529	3,707	3,852	4,037	3,852	3,789	3,825	3,958	3,874	3,543	3,990	3,923	4,038
5 to 14 weeks	2,585	2,686	2,882	3,016	3,068	3,052	3,078	3,304	3,320	3,458	3,161	3,304	3,595
15 weeks and over	2,248	2,292	2,364	2,372	2,399	2,724	2,954	3,015	3,286	3,673	3,580	3,631	3,870
15 to 26 weeks	1,146	1,166	1,229	1,189	1,210	1,445	1,605	1,508	1,634	1,826	1,792	1,810	1,856
27 weeks and over	1,102	1,126	1,135	1,183	1,190	1,278	1,349	1,507	1,652	1,847	1,788	1,821	2,014
Average (mean) duration, in weeks	13.7	13.6	13.1	12.8	13.5	14.1	13.9	14.2	14.6	16.5	15.6	16.2	16.6
Median duration, in weeks	6.5	6.8	6.9	6.7	7.2	7.3	7.6	8.5	9.0	9.8	8.3	8.2	9.5
PERCENT DISTRIBUTION													
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5 weeks	42.2	42.7	42.3	42.8	41.3	39.6	38.8	38.5	37.0	33.2	37.2	36.1	35.1
5 to 14 weeks	30.9	30.9	31.7	32.0	32.9	31.9	31.2	32.1	31.7	32.4	29.5	30.4	31.3
15 weeks and over	26.9	26.4	26.0	25.2	25.7	28.5	30.0	29.3	31.4	34.4	33.4	33.4	33.6
15 to 26 weeks	13.7	13.4	13.5	12.6	13.0	15.1	16.3	14.7	15.6	17.1	16.7	16.7	16.1
27 weeks and over	13.2	13.0	12.5	12.6	12.8	13.4	13.7	14.7	15.8	17.3	16.7	16.8	17.5

HOUSEHOLD DATA
SEASONALLY ADJUSTED

A-38. Unemployment rates by sex and age, seasonally adjusted

Sex and age	1981				1982								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
Total, 16 years and over	7.6	8.0	8.3	8.8	8.5	8.8	9.0	9.4	9.5	9.5	9.8	9.8	10.1
16 to 19 years	19.7	20.4	21.4	21.5	21.7	22.3	21.9	23.0	23.1	22.3	24.1	24.0	23.7
16 to 17 years	21.4	21.5	22.6	21.9	21.9	22.7	22.7	24.6	25.3	23.7	26.1	25.8	26.9
18 to 19 years	18.5	20.0	20.5	21.2	21.3	22.0	21.3	21.9	21.3	21.9	22.8	22.6	21.6
20 to 24 years	12.3	12.7	13.0	13.5	13.5	14.1	14.2	14.7	14.3	14.4	14.5	15.2	15.3
25 years and over	5.4	5.7	6.0	6.5	6.3	6.4	6.8	7.0	7.1	7.4	7.5	7.3	7.9
25 to 54 years	5.8	6.2	6.5	6.9	6.7	6.8	7.3	7.4	7.7	7.7	7.9	7.8	8.6
55 years and over	3.8	3.8	3.8	4.1	4.2	4.3	4.6	5.0	4.8	5.4	5.2	5.1	5.1
Males, 16 years and over	7.3	7.7	8.3	9.0	8.6	8.7	9.0	9.4	9.6	9.7	9.9	10.0	10.7
16 to 19 years	19.9	20.1	21.8	22.3	22.1	22.5	23.5	24.4	24.0	24.2	25.1	25.1	25.3
16 to 17 years	21.5	21.1	22.7	22.6	23.0	23.0	24.3	24.7	26.3	25.8	28.1	27.3	29.6
18 to 19 years	18.7	19.3	21.0	22.2	21.4	22.1	22.9	24.3	21.9	24.0	23.4	23.4	22.6
20 to 24 years	13.1	13.8	14.4	14.8	14.9	15.4	15.7	16.0	15.5	15.8	15.9	16.6	17.4
25 years and over	5.0	5.5	5.8	6.5	6.3	6.3	6.6	6.9	6.9	7.5	7.5	7.5	8.2
25 to 54 years	5.5	5.9	6.3	6.9	6.7	6.7	7.1	7.2	7.5	8.0	8.1	8.0	9.1
55 years and over	3.5	3.7	3.7	4.4	4.3	4.2	4.8	5.1	4.7	5.0	4.8	5.4	5.4
Females, 16 years and over	8.0	8.2	8.4	8.5	8.4	8.9	9.0	9.4	9.5	9.1	9.6	9.5	9.5
16 to 19 years	19.5	20.7	20.9	20.5	21.2	22.1	20.1	21.3	22.1	20.2	23.1	22.8	21.9
16 to 17 years	21.2	21.9	22.5	21.1	20.6	22.5	20.8	24.5	24.1	21.4	24.1	24.2	23.9
18 to 19 years	18.3	20.6	19.9	20.0	21.1	21.9	19.6	19.4	20.6	19.7	22.2	21.7	20.6
20 to 24 years	11.4	11.5	11.3	12.0	11.9	12.7	12.6	13.3	12.9	12.9	12.9	13.7	12.9
25 years and over	6.0	6.1	6.4	6.4	6.3	6.5	7.0	7.2	7.4	7.2	7.4	7.0	7.4
25 to 54 years	6.3	6.5	6.8	6.9	6.7	7.0	7.6	7.7	8.0	7.4	7.7	7.5	8.0
55 years and over	4.3	4.0	3.8	3.7	4.1	4.3	4.3	4.8	5.0	6.0	6.0	4.6	4.7

A-39. Unemployed persons by reason for unemployment, seasonally adjusted

(Numbers in thousands)

Reason for unemployment	1981				1982								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
NUMBER OF UNEMPLOYED													
Both sexes, 16 years and over													
Job losers	4,426	4,573	4,905	5,343	5,205	5,153	5,622	5,906	5,901	6,302	6,177	6,347	7,073
On layoff	1,452	1,631	1,826	2,042	1,860	1,740	1,828	1,946	1,969	2,071	2,079	2,180	2,669
Other job losers	2,574	2,942	3,079	3,301	3,345	3,413	3,794	3,959	3,932	4,231	4,098	4,167	4,404
Job leavers	921	976	916	923	835	964	885	937	874	813	813	806	767
Reentrants	2,658	2,178	2,339	2,244	2,079	2,277	2,249	2,365	2,438	2,372	2,528	2,440	2,415
New entrants	577	1,002	996	1,021	1,055	1,100	1,044	1,081	1,154	1,088	1,249	1,328	1,326
PERCENT DISTRIBUTION													
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers	52.8	52.4	53.6	56.1	56.7	54.3	57.4	57.4	56.9	59.6	57.4	58.1	61.1
On layoff	17.3	18.7	19.9	21.4	20.3	18.3	18.7	18.9	19.0	19.6	19.3	20.0	23.0
Other job losers	35.5	33.7	33.6	34.6	36.5	35.9	38.7	38.5	37.9	40.0	38.1	38.2	38.0
Job leavers	11.0	11.2	10.0	9.7	9.1	10.2	9.0	9.1	8.4	7.7	7.5	7.4	6.6
Reentrants	24.6	25.0	25.5	23.5	22.7	24.0	22.9	23.0	23.5	22.4	23.5	22.3	20.8
New entrants	11.7	11.5	10.9	10.7	11.5	11.6	10.7	10.5	11.1	10.3	11.6	12.2	11.4
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE													
Job losers	4.1	4.2	4.5	4.9	4.8	4.7	5.1	5.4	5.3	5.7	5.6	5.7	6.4
Job leavers	.8	.9	.8	.8	.8	.9	.8	.9	.8	.7	.7	.7	.7
Reentrants	1.9	2.0	2.1	2.1	1.9	2.1	2.1	2.2	2.2	2.2	2.3	2.2	2.2
New entrants	.9	.9	.9	.9	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.2	1.2

A-40. Employed persons by sex and age, seasonally adjusted

(In thousands)

Sex and age	1981				1982							
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
Total, 16 years and over	100,258	100,343	100,172	99,613	99,581	99,590	99,492	99,340	100,117	99,764	99,732	99,839	99,720
16 to 19 years	7,139	7,025	6,940	6,778	6,771	6,748	6,679	6,637	6,782	6,429	6,384	6,463	6,523
16 to 17 years	2,836	2,765	2,768	2,703	2,705	2,690	2,642	2,610	2,629	2,389	2,342	2,397	2,438
18 to 19 years	4,326	4,260	4,192	4,088	4,065	4,067	4,060	4,027	4,167	4,013	3,998	4,061	4,103
20 to 24 years	14,666	14,678	13,970	13,935	13,816	13,788	13,811	13,730	13,820	13,778	13,723	13,642	13,593
25 years and over	79,028	79,228	79,202	78,881	78,960	79,045	78,978	78,973	79,509	79,598	79,696	79,784	79,587
25 to 54 years	64,676	64,825	64,868	64,567	64,722	64,853	64,648	64,670	65,069	65,197	65,345	65,482	64,980
55 years and over	14,352	14,377	14,337	14,332	14,282	14,158	14,299	14,298	14,449	14,379	14,392	14,327	14,610
Males, 16 years and over	57,471	57,266	57,051	56,725	56,629	56,658	56,472	56,401	56,820	56,223	56,192	56,210	56,148
16 to 19 years	3,778	3,762	3,697	3,603	3,582	3,561	3,466	3,412	3,560	3,238	3,196	3,323	3,320
16 to 17 years	1,533	1,522	1,495	1,448	1,446	1,439	1,387	1,385	1,417	1,237	1,174	1,244	1,222
18 to 19 years	2,266	2,241	2,208	2,163	2,134	2,123	2,094	2,020	2,158	1,985	2,023	2,069	2,112
20 to 24 years	7,523	7,449	7,373	7,380	7,321	7,288	7,246	7,208	7,281	7,194	7,237	7,175	7,097
25 years and over	46,160	46,046	45,940	45,709	45,686	45,786	45,762	45,782	45,967	45,838	45,760	45,744	45,717
25 to 54 years	37,519	37,406	37,364	37,092	37,127	37,235	37,173	37,194	37,351	37,227	37,189	37,269	37,059
55 years and over	8,658	8,621	8,590	8,608	8,582	8,523	8,578	8,591	8,641	8,629	8,576	8,463	8,662
Females, 16 years and over	42,787	43,077	43,121	42,888	42,952	42,932	43,020	42,940	43,297	43,541	43,540	43,630	43,572
16 to 19 years	3,361	3,263	3,243	3,175	3,189	3,187	3,213	3,225	3,222	3,191	3,188	3,140	3,203
16 to 17 years	1,303	1,243	1,273	1,255	1,259	1,251	1,255	1,225	1,212	1,152	1,168	1,153	1,216
18 to 19 years	2,060	2,019	1,984	1,925	1,931	1,944	1,966	2,007	2,009	2,028	1,975	1,992	1,991
20 to 24 years	6,563	6,629	6,597	6,555	6,495	6,500	6,565	6,523	6,539	6,584	6,486	6,467	6,496
25 years and over	32,868	33,182	33,262	33,172	33,274	33,259	33,216	33,192	33,542	33,760	33,932	34,040	33,870
25 to 54 years	27,157	27,423	27,504	27,475	27,595	27,618	27,475	27,476	27,718	27,970	28,155	28,214	27,921
55 years and over	5,714	5,756	5,747	5,724	5,701	5,635	5,721	5,707	5,808	5,750	5,816	5,863	5,948

A-41. Unemployed persons by sex and age, seasonally adjusted

(In thousands)

Sex and age	1981				1982							
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
Total, 16 years and over	8,238	8,669	9,100	9,571	9,298	9,575	9,854	10,307	10,549	10,427	10,790	10,805	11,260
16 to 19 years	1,749	1,801	1,886	1,853	1,872	1,938	1,870	1,979	2,037	1,842	2,018	2,040	2,025
16 to 17 years	772	757	808	759	760	792	775	851	891	742	829	834	896
18 to 19 years	983	1,062	1,080	1,098	1,098	1,149	1,099	1,130	1,126	1,126	1,182	1,184	1,133
20 to 24 years	1,572	2,054	2,088	2,168	2,161	2,271	2,293	2,374	2,302	2,321	2,335	2,454	2,458
25 years and over	4,540	4,828	5,091	5,481	5,282	5,401	5,748	5,962	6,095	6,326	6,428	6,288	6,799
25 to 54 years	4,010	4,255	4,536	4,804	4,649	4,756	5,066	5,186	5,428	5,474	5,625	5,543	6,112
55 years and over	572	574	562	620	624	630	691	752	732	824	797	770	789
Males, 16 years and over	4,506	4,798	5,133	5,578	5,338	5,384	5,610	5,846	6,029	6,065	6,161	6,250	6,704
16 to 19 years	937	947	1,028	1,035	1,016	1,033	1,062	1,104	1,125	1,034	1,073	1,111	1,125
16 to 17 years	421	408	438	424	433	429	445	454	506	429	458	466	514
18 to 19 years	521	537	587	616	581	604	621	647	606	628	618	633	616
20 to 24 years	1,131	1,154	1,245	1,278	1,284	1,324	1,346	1,377	1,333	1,347	1,371	1,426	1,495
25 years and over	2,455	2,670	2,834	3,199	3,055	3,071	3,247	3,383	3,422	3,726	3,698	3,726	4,103
25 to 54 years	2,173	2,346	2,522	2,762	2,662	2,675	2,820	2,895	3,031	3,225	3,265	3,259	3,691
55 years and over	317	333	333	397	383	377	431	461	428	457	428	485	493
Females, 16 years and over	3,730	3,871	3,967	3,993	3,960	4,191	4,243	4,461	4,520	4,362	4,629	4,555	4,556
16 to 19 years	812	854	858	818	856	905	808	875	912	808	945	929	900
16 to 17 years	351	349	370	335	327	363	330	397	385	313	371	368	382
18 to 19 years	462	525	493	482	517	545	478	483	520	496	564	551	517
20 to 24 years	841	860	843	890	877	947	947	998	969	974	964	1,028	963
25 years and over	2,085	2,158	2,257	2,282	2,228	2,330	2,501	2,578	2,673	2,600	2,730	2,562	2,696
25 to 54 years	1,837	1,909	2,014	2,042	1,987	2,081	2,246	2,291	2,397	2,249	2,360	2,284	2,421
55 years and over	255	241	229	223	241	253	260	291	304	367	369	285	296

HOUSEHOLD DATA
SEASONALLY ADJUSTED

A-42. Employed persons by selected social and economic categories, seasonally adjusted

(In thousands)

Category	1981				1982								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
CHARACTERISTIC													
Total, 16 years and over	100,258	100,343	100,172	99,613	99,581	99,590	99,492	99,340	100,117	99,764	99,732	99,839	99,720
Married men, spouse present	38,855	38,746	38,553	38,342	38,234	38,255	38,181	38,142	38,312	38,354	38,213	38,184	38,041
Married women, spouse present	23,826	23,874	23,820	23,691	23,744	23,727	23,900	23,831	24,213	24,401	24,223	24,300	24,187
OCCUPATION													
White-collar workers	52,508	53,199	53,086	53,084	52,836	52,841	52,763	53,177	53,705	53,586	53,685	53,750	53,876
Professional and technical	16,598	16,681	16,657	16,774	16,803	16,612	16,659	16,844	16,818	17,053	17,292	17,023	16,901
Managers and administrators, except farm	11,533	11,616	11,461	11,424	11,091	11,253	11,311	11,501	11,541	11,504	11,355	11,613	11,649
Sales workers	6,441	6,400	6,418	6,450	6,520	6,544	6,637	6,603	6,587	6,547	6,567	6,677	6,507
Clerical workers	18,336	18,502	18,550	18,436	18,423	18,432	18,155	18,229	18,759	18,482	18,471	18,437	18,819
Blue-collar workers	31,268	30,953	30,683	30,344	30,203	30,309	30,416	29,924	29,926	29,716	29,609	29,465	29,143
Craft and kindred workers	12,514	12,446	12,411	12,446	12,370	12,454	12,511	12,492	12,316	12,207	12,229	12,342	12,253
Operatives, except transport	10,524	10,410	10,220	10,169	9,966	9,955	9,860	9,688	9,585	9,655	9,453	9,257	8,938
Transport equipment operatives	3,506	3,580	3,438	3,368	3,415	3,503	3,397	3,400	3,419	3,414	3,439	3,268	3,369
Nonfarm laborers	4,722	4,517	4,614	4,361	4,451	4,397	4,648	4,343	4,607	4,441	4,488	4,598	4,583
Service workers	13,351	13,525	13,670	13,639	13,709	13,612	13,526	13,555	13,738	13,791	13,634	13,926	14,029
Farm workers	2,743	2,770	2,802	2,660	2,817	2,787	2,710	2,623	2,731	2,660	2,750	2,711	2,714
MAJOR INDUSTRY AND CLASS OF WORKER													
Agriculture													
Wage and salary workers	1,461	1,502	1,436	1,352	1,377	1,426	1,416	1,423	1,541	1,431	1,530	1,568	1,538
Self-employed workers	1,683	1,631	1,641	1,602	1,674	1,596	1,644	1,664	1,698	1,676	1,674	1,613	1,562
Unpaid family workers	256	261	321	228	380	359	277	270	236	251	250	254	255
Nonagricultural industries													
Wage and salary workers	89,376	89,460	89,238	88,991	88,759	88,586	88,526	88,322	89,051	88,606	88,541	88,737	88,650
Government	15,475	15,491	15,397	15,585	15,578	15,527	15,492	15,453	15,422	15,635	15,443	15,569	15,691
Private industries	73,901	73,969	73,841	73,406	73,181	73,059	73,034	72,869	73,629	72,970	73,098	73,168	72,959
Private households	1,102	1,162	1,204	1,291	1,248	1,161	1,225	1,192	1,202	1,201	1,200	1,242	1,229
Other industries	72,799	72,807	72,637	72,115	71,932	71,898	71,809	71,677	72,427	71,770	71,898	71,927	71,730
Self-employed workers	7,417	7,152	7,141	7,057	6,971	7,055	7,126	7,264	7,269	7,319	7,268	7,352	7,478
Unpaid family workers	399	451	425	410	410	408	434	413	382	397	390	409	372
PERSONS AT WORK[1]													
Nonagricultural industries	90,678	91,384	91,323	90,922	90,125	90,892	90,548	90,596	91,282	91,020	90,501	90,508	91,054
Full-time schedules	73,794	73,886	73,915	73,360	72,803	73,028	72,649	72,335	73,036	72,662	72,430	72,112	71,700
Part time for economic reasons	4,656	5,009	5,026	5,288	5,071	5,563	5,717	5,834	5,763	5,444	5,492	5,648	6,600
Usually work full time	1,755	2,006	1,945	2,121	1,783	2,193	2,237	2,223	2,211	2,064	2,001	2,054	2,571
Usually work part time	2,857	3,003	3,081	3,167	3,287	3,370	3,480	3,611	3,552	3,380	3,491	3,594	4,029
Part time for noneconomic reasons	12,428	12,489	12,382	12,274	12,251	12,300	12,183	12,427	12,483	12,914	12,579	12,748	12,754

[1] Excludes persons "with a job but not at work" during the survey period for such reasons as vacation, illness, or industrial dispute.

A-43. Employment status of male Vietnam-era veterans and nonveterans by age

(Numbers in thousands)

Veteran status and age	Not seasonally adjusted									
	Civilian noninstitutional population		Civilian labor force							
			Total		Employed		Unemployed			
							Number		Percent of labor force	
	Sept. 1981	Sept. 1982	Sept. 1981	Sept. 1982	Sept. 1981	Sept. 1982	Sept. 1981	Sept. 1982	Sept. 1981	Sept. 1982
VETERANS										
Total, 25 years and over	8,598	8,711	8,178	8,210	7,789	7,589	389	621	4.8	7.6
25 to 39 years	7,316	7,688	7,047	6,790	6,706	6,245	341	545	4.8	8.0
25 to 29 years	1,440	1,152	1,337	1,090	1,248	965	89	125	6.7	11.5
30 to 34 years	3,259	2,847	3,161	2,719	3,019	2,490	142	229	4.5	8.4
35 to 39 years	2,617	3,089	2,549	2,981	2,439	2,790	110	191	4.3	6.4
40 years and over	1,282	1,623	1,131	1,420	1,083	1,344	48	76	4.2	5.4
NONVETERANS										
Total, 25 to 39 years	17,416	18,415	16,475	17,440	15,551	15,843	924	1,597	5.6	9.2
25 to 29 years	7,931	8,225	7,483	7,748	6,997	6,926	486	822	6.5	10.6
30 to 34 years	5,595	6,075	5,319	5,782	5,026	5,298	293	484	5.5	8.4
35 to 39 years	3,890	4,111	3,673	3,910	3,528	3,619	145	291	3.9	7.4

NOTE: Vietnam-era veterans are males who served in the Armed Forces between August 5, 1964 and May 7, 1975. Nonveterans are males who have never served in the Armed Forces; published data are limited to those 25 to 39 years of age, the group that most closely corresponds to the bulk of the Vietnam-era veteran population.

A-44. Employment status of the noninstitutional population by sex, age, and race, seasonally adjusted

[Numbers in thousands]

Employment status, sex, age, and race	1979		1980				1981				1982		
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III
TOTAL													
Total noninstitutional population[1]	167,287	168,146	168,848	169,506	170,222	170,816	171,403	171,966	172,567	173,150	173,665	174,195	174,713
Armed Forces[1]	2,088	2,091	2,086	2,091	2,111	2,121	2,124	2,129	2,155	2,160	2,168	2,175	2,192
Civilian noninstitutional population[1]	165,200	166,055	166,762	167,415	168,111	168,693	169,279	169,837	170,413	170,990	171,497	172,020	172,522
Civilian labor force	105,264	105,572	106,454	106,771	107,204	107,523	108,107	108,835	108,667	109,156	109,150	110,168	110,715
Percent of civilian population	63.7	63.6	63.8	63.8	63.8	63.7	63.9	64.1	63.8	63.8	63.6	64.0	64.2
Employed	99,112	99,653	99,784	98,953	99,006	99,458	100,125	100,784	100,654	100,043	99,554	99,740	99,769
Percent of total population	59.2	59.3	59.1	58.4	58.2	58.2	58.4	58.6	58.3	57.8	57.3	57.3	57.1
Agriculture	3,371	3,377	3,374	3,331	3,349	3,406	3,378	3,408	3,368	3,320	3,378	3,385	3,421
Nonagricultural industries	95,741	96,225	96,411	95,622	95,657	96,092	96,747	97,377	97,286	96,723	96,177	96,355	96,343
Unemployed	6,152	6,319	6,670	7,818	7,198	8,025	7,982	8,050	8,013	9,113	9,576	10,428	10,952
Unemployment rate	5.8	6.0	6.3	7.3	7.6	7.5	7.4	7.4	7.4	8.3	8.8	9.5	9.9
Males, 20 years and over													
Total noninstitutional population[1]	71,548	71,984	72,293	72,620	72,984	73,309	73,609	73,928	74,272	74,609	74,910	75,224	75,533
Civilian noninstitutional population[1]	69,867	70,291	70,640	70,963	71,313	71,634	71,946	72,251	72,567	72,912	73,205	73,492	73,775
Civilian labor force	55,753	55,958	56,221	56,404	56,602	56,770	56,882	57,243	57,228	57,493	57,457	57,970	58,172
Percent of civilian population	79.8	79.6	79.6	79.5	79.4	79.3	79.1	79.2	78.9	78.9	78.5	78.9	78.9
Employed	53,437	53,498	53,478	52,887	52,849	53,211	53,446	53,767	53,786	53,327	53,050	53,078	52,934
Percent of total population	74.7	74.3	74.0	72.8	72.4	72.6	72.6	72.7	72.4	71.5	70.8	70.6	70.0
Agriculture	2,405	2,431	2,449	2,374	2,372	2,391	2,370	2,396	2,396	2,369	2,384	2,423	2,452
Nonagricultural industries	51,032	51,067	51,029	50,514	50,477	50,820	51,078	51,371	51,390	50,958	50,666	50,654	50,481
Unemployed	2,316	2,461	2,743	3,517	3,753	3,559	3,435	3,476	3,442	4,166	4,407	4,892	5,238
Unemployment rate	4.2	4.4	4.9	6.2	6.6	6.3	6.0	6.1	6.0	7.2	7.7	8.4	9.1
Females, 20 years and over													
Total noninstitutional population[1]	78,759	79,248	79,631	79,996	80,400	80,754	81,108	81,458	81,826	82,191	82,526	82,866	83,204
Civilian noninstitutional population[1]	78,679	79,126	79,506	79,869	80,266	80,618	80,966	81,312	81,675	82,036	82,368	82,703	83,037
Civilian labor force	39,949	40,381	40,719	40,973	41,257	41,492	41,986	42,507	42,568	42,902	43,047	43,629	44,072
Percent of civilian population	50.8	51.0	51.2	51.3	51.4	51.5	51.9	52.3	52.1	52.3	52.3	52.8	53.1
Employed	37,669	38,085	38,351	38,349	38,564	38,774	39,202	39,677	39,692	39,802	39,772	40,047	40,417
Percent of total population	47.8	48.1	48.2	47.9	48.0	47.9	48.3	48.7	48.5	48.4	48.2	48.3	48.6
Unemployed	2,280	2,295	2,368	2,624	2,693	2,718	2,785	2,830	2,872	3,100	3,275	3,583	3,656
Unemployment rate	5.7	5.7	5.8	6.4	6.5	6.7	6.6	6.7	6.7	7.2	7.6	8.2	8.3
Both sexes, 16-19 years													
Total noninstitutional population[1]	16,942	16,933	16,924	16,888	16,837	16,752	16,686	16,580	16,469	16,350	16,228	16,106	15,976
Civilian noninstitutional population[1]	16,653	16,637	16,616	16,584	16,532	16,442	16,367	16,275	16,171	16,042	15,923	15,825	15,709
Civilian labor force	9,562	9,633	9,513	9,394	9,345	9,260	9,238	9,084	8,875	8,761	8,626	8,569	8,471
Percent of civilian population	57.4	57.9	57.3	56.6	56.5	56.3	56.4	55.8	54.9	54.6	54.2	54.1	53.9
Employed	8,005	8,070	7,955	7,717	7,593	7,573	7,476	7,341	7,176	6,914	6,733	6,616	6,444
Percent of total population	47.3	47.7	47.0	45.7	45.1	45.2	44.8	44.3	43.6	42.3	41.5	41.1	40.3
Unemployed	1,556	1,563	1,558	1,677	1,752	1,687	1,762	1,744	1,699	1,847	1,893	1,953	2,028
Unemployment rate	16.3	16.2	16.4	17.9	18.7	18.2	19.1	19.2	19.1	21.1	21.9	22.8	23.9
White													
Total noninstitutional population[1]	145,826	146,529	146,926	147,489	148,068	148,528	148,779	149,305	149,816	150,302	150,599	150,969	151,259
Civilian noninstitutional population[1]	144,184	144,895	145,308	145,855	146,439	146,889	147,148	147,671	148,164	148,650	148,943	149,339	149,586
Civilian labor force	92,144	92,795	93,277	93,550	93,738	94,016	94,247	95,251	95,058	95,410	95,320	96,293	96,556
Percent of civilian population	63.9	64.0	64.2	64.1	64.0	64.0	64.1	64.5	64.2	64.2	64.0	64.5	64.5
Employed	87,422	87,958	88,183	87,466	87,388	87,846	88,381	89,039	89,008	88,414	87,967	88,204	88,097
Percent of total population	59.9	60.0	60.0	59.3	59.0	59.1	59.4	59.6	59.4	58.8	58.4	58.4	58.2
Unemployed	4,722	4,837	5,094	6,084	6,350	6,170	5,866	6,212	6,051	6,996	7,354	8,089	8,459
Unemployment rate	5.1	5.2	5.5	6.5	6.8	6.6	6.5	6.5	6.4	7.3	7.7	8.4	8.8
Black and other													
Total noninstitutional population[1]	21,462	21,618	21,923	22,036	22,154	22,288	22,624	22,661	22,751	22,849	23,066	23,226	23,455
Civilian noninstitutional population[1]	21,015	21,160	21,454	21,561	21,673	21,805	22,133	22,166	22,249	22,341	22,554	22,711	22,936
Civilian labor force	13,095	13,187	13,175	13,251	13,458	13,489	13,530	13,616	13,598	13,742	13,790	13,938	14,161
Percent of civilian population	62.3	62.3	61.4	61.5	62.1	61.9	61.1	61.4	61.1	61.5	61.1	61.4	61.8
Employed	11,667	11,705	11,616	11,496	11,606	11,632	11,744	11,750	11,634	11,627	11,600	11,558	11,673
Percent of total population	54.4	54.1	53.0	52.2	52.9	52.2	51.9	51.9	51.1	50.9	50.3	49.8	49.8
Unemployed	1,428	1,482	1,559	1,755	1,853	1,857	1,786	1,865	1,962	2,115	2,190	2,379	2,507
Unemployment rate	10.9	11.2	11.8	13.2	13.8	13.8	13.2	13.7	14.4	15.4	15.9	17.1	17.7

[1] The population and Armed Forces figures are not adjusted for seasonal variations.

NOTE: Detail for the household data shown in tables A-44 through A-53 will not necessarily add to totals because of the independent seasonal adjustment of the various series.

A-45. Full- and part-time status of the civilian labor force by sex and age, seasonally adjusted

(Numbers in thousands)

Full- and part-time status, sex, and age	1979		1980				1981				1982		
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III
FULL TIME													
Total, 16 years and over	85,725	90,364	90,601	91,193	91,559	92,001	92,402	92,892	92,850	93,607	93,470	94,165	94,481
Civilian labor force	84,516	85,391	85,297	84,786	84,735	85,310	85,835	86,342	86,343	85,982	85,451	85,435	85,278
Employed[1]	4,805	4,973	5,305	6,407	6,824	6,691	6,567	6,550	6,507	7,625	8,019	8,730	9,203
Unemployed	5.4	5.5	5.9	7.0	7.5	7.3	7.1	7.1	7.0	8.1	8.6	9.3	9.7
Unemployment rate													
Males, 20 years and over	52,567	53,099	53,216	53,506	53,790	53,944	53,950	54,387	54,330	54,633	54,450	54,923	55,072
Civilian labor force	50,774	50,809	50,662	50,221	50,197	50,552	50,715	51,145	51,110	50,696	50,275	50,332	50,071
Employed[1]	2,134	2,289	2,554	3,285	3,593	3,393	3,235	3,242	3,222	3,937	4,175	4,592	5,002
Unemployed	4.0	4.3	4.8	6.1	6.7	6.3	6.0	6.0	5.9	7.2	7.7	8.4	9.1
Unemployment rate													
Females, 20 years and over	31,633	32,028	32,261	32,663	32,847	33,120	33,549	33,780	33,886	34,298	34,397	34,888	35,153
Civilian labor force	25,831	30,231	30,403	30,521	30,626	30,804	31,225	31,465	31,556	31,681	31,671	31,884	32,123
Employed[1]	1,803	1,797	1,858	2,142	2,221	2,316	2,323	2,314	2,330	2,618	2,727	3,004	3,030
Unemployed	5.7	5.6	5.8	6.6	6.8	7.0	6.9	6.9	6.9	7.6	7.9	8.6	8.6
Unemployment rate													
Both sexes, 16–19 years	5,184	5,237	5,123	5,023	4,922	4,936	4,904	4,725	4,632	4,675	4,622	4,353	4,254
Civilian labor force	4,312	4,350	4,232	4,044	3,912	3,954	3,895	3,732	3,677	3,605	3,505	3,215	3,084
Employed[1]	872	887	893	980	1,010	982	1,009	994	956	1,070	1,117	1,138	1,170
Unemployed	16.8	16.9	17.4	19.5	20.5	19.9	20.6	21.0	20.6	22.9	24.2	26.1	27.5
Unemployment rate													
PART TIME													
Total, 16 years and over	15,559	15,608	15,813	15,566	15,736	15,529	15,670	15,917	15,847	15,603	15,652	15,971	16,242
Civilian labor force	14,251	14,264	14,443	14,180	14,365	14,179	14,242	14,437	14,341	14,102	14,072	14,311	14,501
Employed[1]	1,304	1,344	1,371	1,386	1,371	1,350	1,427	1,480	1,506	1,502	1,580	1,660	1,741
Unemployed	8.6	8.6	8.7	8.9	8.7	8.7	9.1	9.3	9.5	9.6	10.1	10.4	10.7
Unemployment rate													
Males, 20 years and over	2,835	2,871	2,948	2,921	2,821	2,846	2,887	2,876	2,904	2,876	2,947	3,029	3,115
Civilian labor force	2,641	2,693	2,761	2,720	2,642	2,665	2,685	2,673	2,664	2,638	2,705	2,773	2,843
Employed[1]	195	178	187	201	179	181	202	203	240	238	242	256	273
Unemployed	6.5	6.2	6.3	6.9	6.4	6.4	7.0	7.1	8.3	8.3	8.2	8.4	8.7
Unemployment rate													
Females, 20 years and over	8,342	8,335	8,478	8,294	8,419	8,355	8,455	8,715	8,688	8,594	8,670	8,728	8,943
Civilian labor force	7,875	7,845	7,962	7,807	7,964	7,891	7,984	8,192	8,158	8,108	8,110	8,145	8,319
Employed[1]	467	490	517	487	455	464	471	524	530	486	559	583	625
Unemployed	5.6	5.9	6.1	5.9	5.4	5.6	5.6	6.0	6.1	5.7	6.5	6.7	7.0
Unemployment rate													
Both sexes, 16–19 years	4,417	4,402	4,387	4,351	4,496	4,328	4,328	4,326	4,255	4,133	4,035	4,215	4,183
Civilian labor force	3,735	3,726	3,720	3,652	3,759	3,623	3,573	3,572	3,518	3,356	3,256	3,392	3,339
Employed[1]	682	676	667	699	737	704	754	753	736	777	779	822	844
Unemployed	15.4	15.4	15.2	16.1	16.4	16.3	17.4	17.4	17.3	18.8	19.3	19.5	20.2
Unemployment rate													

[1] Persons on part time schedules for economic reasons are included in the full time employed category. Unemployed persons are allocated by whether seeking full- or part time work.

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HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES

A-46. Employment status by race, sex, and age, seasonally adjusted

(Numbers in thousands)

Employment status, race, sex, and age	1979		1980				1981				1982		
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III
WHITE													
Total, 16 years and over	92,144	92,795	93,277	93,550	93,738	94,016	94,547	95,251	95,058	95,410	95,320	96,293	96,556
Civilian labor force	87,422	87,958	88,183	87,466	87,388	87,846	88,381	89,039	89,006	88,414	87,967	88,204	88,097
Employed	4,722	4,837	5,094	6,084	6,350	6,170	6,166	6,212	6,051	6,996	7,354	8,089	8,459
Unemployed	5.1	5.2	5.5	6.5	6.8	6.6	6.5	6.5	6.4	7.3	7.7	8.4	8.8
Unemployment rate													
Males, 20 years and over	49,406	49,587	49,863	50,062	50,148	50,289	50,383	50,757	50,704	50,880	50,824	51,257	51,389
Civilian labor force	47,554	47,684	47,739	47,282	47,189	47,480	47,665	48,034	48,052	47,629	47,397	47,410	47,207
Employed	1,812	1,903	2,124	2,780	2,959	2,809	2,718	2,723	2,652	3,251	3,427	3,847	4,183
Unemployed	3.7	3.8	4.3	5.6	5.9	5.6	5.4	5.4	5.2	6.4	6.7	7.5	8.1
Unemployment rate													
Females, 20 years and over	34,283	34,639	34,960	35,143	35,332	35,528	35,979	36,454	36,487	36,769	36,865	37,409	37,756
Civilian labor force	32,562	32,913	33,174	33,169	33,289	33,472	33,910	34,341	34,390	34,466	34,427	34,705	35,010
Employed	1,701	1,726	1,786	1,975	2,043	2,056	2,068	2,113	2,097	2,303	2,438	2,704	2,746
Unemployed	5.0	5.0	5.1	5.6	5.8	5.8	5.7	5.8	5.7	6.3	6.6	7.2	7.3
Unemployment rate													
Both sexes, 16 to 19 years	8,475	8,569	8,454	8,345	8,257	8,198	8,185	8,040	7,867	7,761	7,631	7,628	7,411
Civilian labor force	7,266	7,361	7,270	7,015	6,910	6,893	6,806	6,664	6,565	6,319	6,143	6,085	5,880
Employed	1,208	1,208	1,184	1,330	1,347	1,305	1,379	1,376	1,303	1,442	1,488	1,538	1,531
Unemployed	16.3	16.1	16.0	15.9	16.3	15.9	16.9	17.1	16.6	18.6	19.5	20.2	20.7
Unemployment rate													
BLACK AND OTHER													
Total, 16 years and over	13,055	13,187	13,175	13,251	13,458	13,489	13,530	13,616	13,596	13,742	13,790	13,938	14,181
Civilian labor force	11,667	11,705	11,616	11,496	11,606	11,632	11,744	11,750	11,634	11,627	11,600	11,558	11,673
Employed	1,428	1,482	1,559	1,755	1,853	1,857	1,786	1,865	1,962	2,115	2,190	2,379	2,507
Unemployed	10.9	11.2	11.8	13.2	13.8	13.8	13.2	13.7	14.4	15.4	15.9	17.1	17.7
Unemployment rate													
Males, 20 years and over	6,347	6,356	6,345	6,364	6,403	6,467	6,484	6,508	6,530	6,594	6,611	6,742	6,819
Civilian labor force	5,832	5,801	5,733	5,628	5,652	5,716	5,784	5,752	5,727	5,684	5,647	5,688	5,695
Employed	515	556	611	736	811	751	700	756	803	910	964	1,054	1,123
Unemployed	8.1	8.7	9.6	11.6	12.5	11.6	10.8	11.6	12.3	13.8	14.6	15.6	16.5
Unemployment rate													
Females, 20 years and over	5,677	5,756	5,756	5,837	5,916	5,962	5,992	6,060	6,078	6,135	6,171	6,247	6,319
Civilian labor force	5,103	5,188	5,181	5,174	5,270	5,241	5,286	5,327	5,305	5,338	5,349	5,347	5,420
Employed	574	568	574	663	646	721	706	732	773	797	823	900	899
Unemployed	10.1	9.9	10.0	11.4	10.9	12.1	11.8	12.1	12.7	13.0	13.3	14.4	14.2
Unemployment rate													
Both sexes, 16 to 19 years	1,071	1,075	1,075	1,050	1,080	1,060	1,054	1,048	988	1,013	1,038	948	1,043
Civilian labor force	732	717	701	695	684	676	673	671	602	605	635	523	558
Employed	339	358	374	355	396	384	381	377	386	408	403	425	485
Unemployed	31.6	33.3	34.8	33.8	36.6	36.2	36.1	36.0	39.0	40.3	40.0	44.8	46.5
Unemployment rate													

A-47. Major unemployment indicators, seasonally adjusted

[Unemployment rates]

Category	1979		1980				1981				1982		
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III
CHARACTERISTIC													
Total (all civilian workers)	5.8	6.0	6.3	7.3	7.6	7.5	7.4	7.4	7.4	8.3	8.8	9.5	9.9
Males, 20 years and over	4.2	4.4	4.9	6.2	6.6	6.3	6.0	6.1	6.0	7.2	7.7	8.4	9.1
Females, 20 years and over	5.7	5.7	5.8	6.4	6.5	6.7	6.6	6.7	6.7	7.2	7.6	8.2	8.3
Both sexes, 16-19 years	16.3	16.2	16.4	17.9	18.7	18.2	19.1	19.2	19.1	21.1	21.9	22.8	23.9
White	5.1	5.2	5.5	6.5	6.8	6.6	6.5	6.5	6.4	7.3	7.7	8.4	8.8
Black and other	10.9	11.2	11.8	13.2	13.6	13.8	13.2	13.7	14.4	15.4	15.9	17.1	17.7
Married men, spouse present	2.8	3.0	3.4	4.4	4.8	4.4	4.1	4.0	4.1	5.2	5.4	6.2	6.9
Married women, spouse present	5.1	5.1	5.3	5.9	6.1	5.9	5.9	5.8	5.7	6.4	6.8	7.4	7.3
Women who maintain families	8.1	8.4	8.8	8.7	9.1	10.1	9.9	10.3	10.7	10.6	10.4	11.9	12.0
Full-time workers	5.4	5.5	5.9	7.0	7.5	7.3	7.1	7.1	7.0	8.1	8.6	9.3	9.7
Part-time workers	8.6	8.6	8.9	8.9	8.7	8.7	9.1	9.3	9.5	9.6	10.1	10.4	10.7
Unemployed 15 weeks and over[1]	1.1	1.2	1.3	1.6	2.0	2.2	2.2	2.1	2.0	2.1	2.5	3.0	3.3
Labor force time lost[2]	6.3	6.5	6.8	8.1	8.3	8.3	8.2	8.2	8.1	9.6	10.1	10.6	11.0
OCCUPATION													
White-collar workers	3.4	3.3	3.4	3.7	3.8	3.9	3.9	4.0	4.0	4.3	4.5	4.9	4.8
Professional and technical	2.5	2.4	2.3	2.5	2.5	2.6	2.7	2.9	2.7	2.9	3.1	3.3	3.2
Managers and administrators, except farm	2.2	2.1	2.2	2.5	2.5	2.5	2.5	2.6	2.7	2.9	2.9	3.5	3.7
Sales workers	3.8	3.8	4.3	4.6	4.2	4.5	4.2	4.4	4.9	4.9	5.0	5.6	5.4
Clerical workers	4.7	4.6	4.7	5.3	5.5	5.6	5.6	5.6	5.7	6.1	6.6	6.9	6.8
Blue-collar workers	7.0	7.5	8.2	10.5	11.1	10.6	10.1	9.8	9.7	11.0	12.6	13.7	14.7
Craft and kindred workers	4.4	4.8	5.3	7.1	7.6	7.1	7.1	7.1	7.2	8.7	8.8	9.7	11.0
Operatives, except transport	8.6	9.2	9.8	13.0	13.5	12.9	12.0	11.5	11.3	14.1	15.6	16.7	16.4
Transport equipment operatives	5.6	5.6	6.9	9.0	10.0	9.9	8.9	8.1	8.0	9.6	10.3	11.8	11.9
Nonfarm laborers	11.0	11.7	12.8	15.0	15.8	14.8	14.7	14.1	14.0	16.2	17.6	18.5	18.4
Service workers	7.0	6.9	7.2	8.0	8.3	8.2	8.4	9.0	8.6	9.5	9.7	10.6	10.4
Farm workers	4.1	4.5	4.3	4.8	4.9	4.3	5.0	5.1	4.7	6.3	5.8	7.1	6.0
INDUSTRY													
Nonagricultural private wage and salary workers[3]	5.8	5.9	6.3	7.7	7.9	7.7	7.5	7.4	7.4	8.5	9.1	9.9	10.3
Construction	9.4	10.6	12.0	15.3	16.1	14.2	14.0	15.4	15.9	17.8	18.2	19.1	21.1
Manufacturing	5.8	6.1	6.8	9.0	9.4	9.0	8.4	7.6	7.4	9.7	10.6	11.7	12.6
Durable goods	5.2	5.8	6.7	9.8	10.1	9.2	8.9	7.3	7.1	10.0	11.0	12.4	13.5
Nondurable goods	6.8	6.5	6.9	8.0	8.3	8.6	8.4	8.1	7.9	9.2	9.9	10.7	11.3
Transportation and public utilities	3.8	4.2	4.2	4.9	5.6	5.2	5.7	5.8	4.4	5.5	6.0	6.8	6.7
Wholesale and retail trade	6.5	6.4	6.6	7.5	7.7	7.9	7.7	7.8	8.1	8.6	9.1	10.1	10.1
Finance and service industries	5.0	4.8	4.8	5.4	5.6	5.6	5.6	5.8	5.8	6.2	6.5	6.9	6.9
Government workers	3.6	3.9	4.0	4.0	4.2	4.3	4.4	4.7	4.6	5.0	4.9	5.0	4.7
Agricultural wage and salary workers	9.8	10.0	10.8	11.4	11.7	10.8	11.8	11.2	11.3	14.1	14.3	16.4	13.5

[1] Unemployment as a percent of the civilian labor force.

[2] Aggregate hours lost by the unemployed and persons on part time for economic reasons as a percent of potentially available labor force hours.

[3] Includes mining, not shown separately.

HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES

A-48. Unemployed persons by duration of unemployment, seasonally adjusted

(Numbers in thousands)

Weeks of unemployment	1979		1980				1981				1982		
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III
DURATION													
Both sexes, 16 years and over	3,047	3,046	3,132	3,498	3,351	3,196	3,278	3,290	3,393	3,865	3,822	3,792	3,984
Less than 5 weeks	1,544	1,494	1,163	2,636	2,685	2,455	2,370	2,500	2,455	2,861	3,066	3,361	3,353
5 to 14 weeks	1,163	1,245	1,385	1,745	2,166	2,347	2,327	2,260	2,212	2,383	2,692	3,325	3,694
15 weeks and over	453	705	825	1,012	1,229	1,235	1,084	1,112	1,107	1,195	1,420	1,656	1,819
15 to 26 weeks	510	540	560	733	917	1,113	1,243	1,148	1,105	1,148	1,272	1,669	1,875
27 weeks and over													
Average (mean) duration, in weeks	10.5	10.6	10.7	11.2	12.4	13.4	14.1	13.8	14.0	13.2	13.8	15.1	16.1
Median duration, in weeks	5.4	5.5	5.7	6.1	7.3	7.4	7.2	7.2	7.0	6.8	7.4	9.1	8.7
PERCENT DISTRIBUTION													
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5 weeks	49.5	48.5	46.9	49.4	41.0	40.0	41.1	40.9	42.1	42.6	39.9	36.2	36.1
5 to 14 weeks	33.6	31.7	32.4	33.5	32.8	30.7	29.7	31.1	30.5	31.5	32.0	32.1	30.4
15 weeks and over	16.9	19.8	20.7	22.2	26.2	29.3	29.2	28.1	27.4	25.8	28.1	31.7	33.5
15 to 26 weeks	10.6	11.2	12.4	12.8	15.0	15.4	13.6	13.8	13.7	13.2	14.8	15.8	16.5
27 weeks and over	6.3	8.6	8.4	9.3	11.2	13.9	15.6	14.3	13.7	12.7	13.3	15.9	17.0

A-49. Unemployment rates by sex and age, seasonally adjusted

Sex and age	1979		1980				1981				1982		
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III
Total, 16 years and over	5.8	6.0	6.3	7.3	7.6	7.5	7.4	7.4	7.4	8.3	8.8	9.5	9.9
16 to 19 years	16.3	16.2	16.4	17.9	18.7	18.2	19.1	19.2	19.1	21.1	21.9	22.8	23.9
16 to 17 years	17.6	18.0	18.5	19.9	21.2	20.6	21.2	21.8	20.7	22.0	22.5	24.6	26.3
18 to 19 years	15.2	15.0	14.8	16.5	16.9	16.7	17.5	17.5	18.0	20.5	21.5	21.7	22.3
20 to 24 years	9.3	9.5	10.1	11.9	12.2	12.0	11.9	12.3	11.9	13.1	14.0	14.5	15.0
25 years and over	3.9	4.0	4.3	5.2	5.5	5.3	5.2	5.2	5.3	6.1	6.5	7.2	7.5
25 to 54 years	4.1	4.3	4.7	5.6	6.0	5.8	5.6	5.5	5.6	6.5	6.9	7.6	8.1
55 years and over	3.0	2.9	3.0	3.4	3.4	3.4	3.5	3.4	3.4	3.9	4.4	5.1	5.2
Males, 16 years and over	5.1	5.3	5.8	7.2	7.7	7.3	7.1	7.1	7.0	8.3	8.8	9.6	10.2
16 to 19 years	16.0	15.7	15.8	18.3	19.6	19.4	19.9	19.8	19.5	21.4	22.7	24.2	25.2
16 to 17 years	16.9	17.7	18.0	20.4	22.0	21.6	22.1	22.9	21.0	22.1	23.4	25.6	26.3
18 to 19 years	15.2	14.1	14.2	17.0	17.8	17.9	18.4	17.8	18.3	20.8	22.1	23.9	23.1
20 to 24 years	8.9	9.3	10.6	13.0	13.6	13.1	12.9	13.2	12.5	14.3	15.3	15.8	16.6
25 years and over	3.3	3.5	3.9	5.0	5.4	5.0	4.9	4.7	4.9	5.9	6.4	7.1	7.7
25 to 54 years	3.4	3.7	4.1	5.3	5.9	5.4	5.2	5.1	5.2	6.4	6.8	7.6	8.4
55 years and over	3.0	2.8	3.0	3.4	3.6	3.3	3.3	3.3	3.4	4.0	4.4	4.9	5.2
Females, 16 years and over	6.8	6.8	6.9	7.5	7.6	7.7	7.7	7.7	7.8	8.4	8.8	9.3	9.5
16 to 19 years	16.6	16.8	17.0	17.3	17.7	16.8	18.1	18.5	18.8	20.7	21.1	21.2	22.6
16 to 17 years	18.4	18.3	19.2	19.4	20.2	19.6	20.2	20.6	20.3	21.8	21.3	23.4	24.1
18 to 19 years	15.3	15.9	15.5	15.9	16.0	15.3	16.6	17.1	17.7	20.2	20.9	19.9	21.5
20 to 24 years	9.8	9.7	9.6	10.7	10.6	10.7	10.7	11.1	11.3	11.6	12.4	13.0	13.2
25 years and over	4.8	4.8	5.0	5.5	5.6	5.8	5.8	5.7	5.8	6.3	6.6	7.2	7.3
25 to 54 years	5.1	5.1	5.4	6.0	6.2	6.2	6.2	6.2	6.2	6.8	7.1	7.7	7.7
55 years and over	3.2	3.1	3.0	3.3	3.2	3.5	3.9	3.5	3.9	3.9	4.2	5.3	5.1

A-50. Unemployed persons by reason for unemployment, seasonally adjusted

(Numbers in thousands)

Reason for unemployment	1979		1980				1981				1982		
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III
NUMBER OF UNEMPLOYED													
Both sexes, 16 years and over													
Job losers	2,647	2,853	3,157	4,094	4,467	4,281	4,007	4,054	4,133	4,940	5,327	6,036	6,532
On layoff	854	978	1,128	1,691	1,802	1,527	1,313	1,321	1,318	1,833	1,809	1,995	2,309
Other job losers	1,793	1,875	2,029	2,402	2,665	2,754	2,694	2,734	2,815	3,107	3,517	4,041	4,223
Job leavers	877	857	839	935	902	889	912	934	909	938	895	875	795
Reentrants	1,844	1,808	1,838	1,943	1,953	1,980	2,047	2,063	2,057	2,254	2,202	2,392	2,461
New entrants	782	824	830	844	914	903	982	972	963	1,006	1,066	1,108	1,301
PERCENT DISTRIBUTION													
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers	43.0	45.0	47.4	52.4	54.2	53.2	50.4	50.5	51.3	54.1	56.1	58.0	58.9
On layoff	13.9	15.4	16.9	21.6	21.9	19.0	16.5	16.5	16.3	20.1	19.1	19.2	20.8
Other job losers	29.2	29.6	30.5	30.7	32.4	34.2	33.9	34.1	34.9	34.0	37.1	38.8	38.1
Job leavers	14.3	13.5	12.6	12.0	10.9	11.0	11.5	11.6	11.3	10.3	9.4	8.4	7.2
Reentrants	30.0	28.5	27.6	24.9	23.7	24.6	25.8	25.7	25.5	24.7	23.2	23.0	22.2
New entrants	12.7	13.0	12.5	10.8	11.1	11.2	12.4	12.1	11.9	11.0	11.2	10.6	11.7
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE													
Job losers	2.5	2.7	3.0	3.8	4.2	4.0	3.7	3.7	3.8	4.5	4.9	5.5	5.9
Job leavers	.8	.8	.8	.9	.8	.8	.8	.9	.8	.9	.8	.8	.7
Reentrants	1.8	1.7	1.7	1.8	1.8	1.8	1.9	1.9	1.9	2.1	2.0	2.2	2.2
New entrants	.7	.8	.8	.8	.9	.8	.9	.9	.9	.9	1.0	1.0	1.2

A-51. Employed persons by sex and age, seasonally adjusted

(In thousands)

Sex and age	1979		1980				1981				1982		
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III
Total, 16 years and over	99,112	99,653	99,784	98,953	99,006	99,498	100,125	100,784	100,659	100,043	99,554	99,740	99,764
16 to 19 years	8,605	8,670	7,955	7,717	7,593	7,573	7,476	7,341	7,176	6,814	6,733	6,616	6,448
16 to 17 years	3,488	3,559	3,250	3,136	3,040	3,017	2,993	2,890	2,837	2,747	2,679	2,543	2,392
18 to 19 years	5,117	5,111	4,717	4,593	4,557	4,554	4,481	4,443	4,332	4,180	4,064	4,069	4,054
20 to 24 years	14,357	14,320	14,246	14,026	14,002	14,096	14,158	14,150	14,181	13,994	13,805	13,776	13,653
25 years and over	76,152	77,047	77,570	77,210	77,411	77,802	78,470	79,324	79,315	79,104	78,994	79,360	79,689
25 to 54 years	63,662	64,605	64,991	64,676	64,877	65,352	65,988	66,706	66,873	66,755	66,741	66,979	67,269
55 years and over	12,492	12,443	12,579	12,533	12,534	12,445	12,484	12,593	12,459	12,349	12,246	12,375	12,443
Males, 16 years and over	57,029	57,385	57,743	56,996	56,835	57,187	57,395	57,621	57,554	57,014	56,586	56,481	56,183
16 to 19 years	4,292	4,287	4,265	4,109	3,988	3,976	3,947	3,854	3,768	3,687	3,536	3,403	3,280
16 to 17 years	1,789	1,798	1,780	1,685	1,618	1,609	1,593	1,512	1,511	1,488	1,424	1,344	1,213
18 to 19 years	2,503	2,494	2,493	2,417	2,378	2,383	2,354	2,338	2,261	2,204	2,117	2,058	2,068
20 to 24 years	7,805	7,785	7,707	7,519	7,433	7,489	7,520	7,512	7,577	7,401	7,285	7,228	7,170
25 years and over	44,936	45,653	45,763	45,389	45,414	45,698	45,913	46,281	46,219	45,898	45,765	45,862	45,782
25 to 54 years	36,725	36,863	36,860	36,556	36,619	36,904	37,118	37,487	37,530	37,287	37,178	37,257	37,172
55 years and over	8,912	8,882	8,906	8,831	8,820	8,785	8,797	8,795	8,691	8,606	8,581	8,620	8,567
Females, 16 years and over	41,383	41,668	42,041	41,957	42,171	42,311	42,730	43,163	43,100	43,029	42,968	43,259	43,581
16 to 19 years	3,794	3,783	3,690	3,608	3,607	3,597	3,529	3,486	3,408	3,227	3,196	3,213	3,164
16 to 17 years	1,699	1,762	1,469	1,432	1,422	1,409	1,400	1,378	1,326	1,258	1,255	1,196	1,179
18 to 19 years	2,114	2,020	2,224	2,176	2,179	2,190	2,127	2,106	2,071	1,976	1,947	2,015	1,986
20 to 24 years	6,548	6,531	6,539	6,506	6,569	6,607	6,639	6,638	6,604	6,599	6,520	6,549	6,483
25 years and over	31,116	31,554	31,807	31,851	31,997	32,104	32,557	33,041	33,096	33,205	33,250	33,498	33,947
25 to 54 years	25,938	25,802	26,081	26,120	26,257	26,448	26,870	27,219	27,343	27,467	27,563	27,722	28,097
55 years and over	5,181	5,752	5,733	5,706	5,756	5,660	5,687	5,798	5,768	5,742	5,688	5,755	5,876

HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES

A-52. Employed persons by selected social and economic categories, seasonally adjusted

(In thousands)

Category	1979		1980				1981				1982		
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III
CHARACTERISTIC													
Total, 16 years and over	99,112	99,653	99,784	98,953	99,006	99,498	100125	100784	100654	100043	99,554	99,740	99,764
Married men, spouse present	39,886	39,619	39,484	38,930	38,699	38,914	38,980	39,079	38,926	38,547	38,223	38,269	38,146
Married women, spouse present	23,278	23,466	23,576	23,520	23,486	23,558	23,850	24,092	23,943	23,795	23,790	24,148	24,237
OCCUPATION													
White collar workers	50,573	51,004	51,408	51,680	52,177	52,280	52,754	52,943	52,985	53,123	52,813	53,485	53,770
Professional and technical	15,416	15,497	15,738	15,967	16,015	16,161	16,225	16,227	16,528	16,704	16,691	16,905	17,072
Managers and administrators, except farm	10,834	10,876	10,954	11,067	11,255	11,287	11,638	11,505	11,524	11,500	11,219	11,515	11,539
Sales workers	6,287	6,428	6,363	6,162	6,329	6,357	6,384	6,455	6,435	6,423	6,567	6,575	6,584
Clerical workers	18,037	18,203	18,353	18,485	18,578	18,475	18,506	18,756	18,499	18,496	18,337	18,490	18,576
Blue collar workers	32,710	32,783	32,397	31,325	30,860	31,297	31,211	31,673	31,486	30,660	30,309	29,855	29,406
Craft and kindred workers	13,147	13,227	13,029	12,759	12,653	12,724	12,710	12,828	12,675	12,438	12,445	12,338	12,275
Operatives, except transport	11,133	11,181	10,875	10,507	10,343	10,540	10,556	10,703	10,634	10,266	9,927	9,643	9,216
Transport equipment operatives	3,667	3,656	3,650	3,529	3,463	3,484	3,439	3,481	3,521	3,462	3,438	3,411	3,359
Nonfarm laborers	4,763	4,719	4,844	4,529	4,401	4,549	4,505	4,661	4,656	4,497	4,499	4,464	4,556
Service workers	13,024	13,225	13,247	13,213	13,253	13,209	13,358	13,384	13,400	13,611	13,616	13,695	13,863
Farm workers	2,734	2,735	2,756	2,712	2,720	2,793	2,748	2,761	2,741	2,744	2,771	2,671	2,725
MAJOR INDUSTRY AND CLASS OF WORKER													
Agriculture													
Wage and salary workers	1,443	1,469	1,468	1,423	1,389	1,437	1,428	1,499	1,486	1,430	1,407	1,465	1,545
Self-employed workers	1,404	1,622	1,628	1,628	1,661	1,648	1,642	1,660	1,625	1,625	1,638	1,679	1,617
Unpaid family workers	314	299	286	287	301	313	296	281	252	270	339	252	253
Nonagricultural industries													
Wage and salary workers	88,365	89,010	89,023	88,297	88,237	88,621	89,234	89,941	89,781	89,230	88,824	88,660	88,643
Government	15,668	15,717	15,795	15,978	15,949	15,939	15,931	15,789	15,546	15,491	15,532	15,503	15,567
Private industries	72,658	73,293	73,228	72,319	72,289	72,682	73,303	74,152	74,235	73,739	73,091	73,156	73,075
Private households	1,266	1,259	1,174	1,208	1,212	1,172	1,215	1,206	1,192	1,219	1,211	1,198	1,224
Other industries	71,431	72,035	72,054	71,111	71,076	71,510	72,087	72,946	73,042	72,520	71,880	71,958	71,851
Self-employed workers	6,675	6,895	6,965	6,890	7,037	7,107	7,058	7,081	7,130	7,117	7,051	7,284	7,366
Unpaid family workers	470	422	402	420	419	409	393	352	392	429	417	397	390
PERSONS AT WORK[1]													
Nonagricultural industries	90,556	90,616	90,611	89,861	89,817	90,553	91,338	91,446	91,660	91,210	90,522	90,966	90,688
Full time schedules	74,617	74,585	74,366	73,160	72,960	73,871	74,441	74,608	74,627	73,720	72,827	72,677	72,081
Part time for economic reasons	3,354	3,460	3,546	4,171	4,290	4,216	4,323	4,166	4,460	5,188	5,450	5,660	5,913
Usually work full time	1,389	1,472	1,504	1,871	1,816	1,664	1,666	1,572	1,723	2,024	2,071	2,166	2,209
Usually work part time	1,964	1,988	2,042	2,300	2,474	2,553	2,657	2,594	2,737	3,084	3,379	3,514	3,705
Part time for noneconomic reasons	12,588	12,572	12,700	12,531	12,566	12,466	12,575	12,673	12,573	12,382	12,245	12,609	12,694

[1] Excludes persons "with a job but not at work" during the survey period for such reasons as vacation, illness, or industrial dispute.

A-53. Persons not in labor force by reason, sex, and race, seasonally adjusted

(In thousands)

Reason, sex, and race	1979		1980				1981				1982		
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III
TOTAL													
Total not in labor force	59,536	60,083	60,308	60,648	60,907	61,171	61,172	61,002	61,746	61,838	62,367	61,852	61,807
Do not want job now	54,625	54,884	54,808	55,068	55,479	55,657	55,245	55,555	56,079	56,053	56,095	55,659	55,197
Current activity													
Going to school	6,044	6,179	6,252	6,386	6,768	6,360	6,304	6,637	6,356	6,522	6,323	6,816	6,301
Ill, disabled	4,606	4,610	4,722	4,542	4,194	4,378	4,166	4,256	4,452	4,320	4,020	4,052	4,050
Keeping house	29,299	29,274	29,000	29,297	29,302	29,484	28,894	28,762	28,930	28,535	29,103	28,262	28,134
Retired	10,163	10,495	10,807	10,723	11,145	11,198	11,520	11,731	11,929	12,140	12,105	12,170	12,474
Other	3,516	4,126	4,027	4,120	4,070	4,238	4,361	4,168	4,312	4,536	4,545	4,358	4,237
Want a job now	5,660	5,455	5,602	5,626	5,861	5,711	5,927	5,727	5,668	6,019	6,162	6,674	6,607
Reason not looking													
School attendance	1,605	1,522	1,493	1,502	1,631	1,508	1,575	1,562	1,518	1,569	1,641	1,740	1,768
Ill health, disability	755	784	771	744	806	714	802	726	708	832	775	777	785
Home responsibilities	1,256	1,276	1,330	1,233	1,284	1,211	1,287	1,300	1,176	1,174	1,347	1,511	1,369
Think cannot get job	762	781	948	955	1,006	1,063	1,093	1,043	1,094	1,199	1,339	1,497	1,619
Job-market factors	541	487	601	648	687	720	849	718	801	883	1,074	1,076	1,211
Personal factors	222	294	347	306	318	343	244	325	293	316	264	421	408
Other reasons[1]	1,158	1,090	1,060	1,193	1,134	1,215	1,171	1,096	1,171	1,046	1,061	1,150	1,070
Males													
Total not in labor force	17,323	17,552	17,646	17,811	16,008	18,137	18,299	18,325	18,734	18,733	19,122	18,938	19,074
Do not want job now	15,444	15,785	15,960	15,974	16,198	16,387	16,336	16,588	16,952	16,862	16,837	16,961	16,995
Want a job now	1,853	1,752	1,751	1,840	1,954	1,842	1,947	1,861	1,831	2,000	2,096	2,175	2,289
Reason not looking													
School attendance	859	758	720	772	852	745	813	775	725	787	901	912	948
Ill health, disability	370	344	321	348	367	299	372	329	323	414	319	331	349
Think cannot get job	452	290	358	332	382	361	375	414	383	435	516	586	584
Other reasons[1]	374	360	352	388	353	437	387	343	399	365	360	346	407
Females													
Total not in labor force	42,213	42,531	42,662	42,834	42,899	43,034	42,872	42,677	43,012	43,101	43,245	42,914	42,732
Do not want job now	38,564	38,899	38,848	39,097	39,281	39,270	38,909	38,966	39,127	39,191	39,259	38,698	38,202
Want a job now	3,767	3,703	3,852	3,786	3,906	3,869	3,980	3,866	3,836	4,019	4,067	4,499	4,318
Reason not looking													
School attendance	750	765	774	730	776	763	761	787	793	782	740	827	820
Ill health, disability	429	439	450	396	439	415	430	397	385	418	456	446	436
Home responsibilities	1,256	1,276	1,330	1,233	1,284	1,211	1,287	1,300	1,176	1,174	1,347	1,511	1,369
Think cannot get job	470	491	591	623	624	702	718	630	711	764	823	911	1,035
Other reasons	822	730	708	804	781	778	784	753	772	681	701	804	663
White													
Total not in labor force	52,041	52,400	52,031	52,305	52,702	52,873	52,601	52,420	53,106	53,240	53,623	53,016	53,030
Do not want job now	47,703	47,865	47,885	48,194	48,472	48,658	48,259	48,370	48,902	48,852	49,065	48,471	48,391
Want a job now	4,262	4,100	4,283	4,201	4,226	4,178	4,333	4,133	4,116	4,401	4,414	4,741	4,784
Reason not looking													
School attendance	1,169	1,129	1,070	1,106	1,101	1,069	1,116	1,057	990	1,156	1,177	1,217	1,237
Ill health, disability	552	522	555	554	543	502	564	523	504	568	513	567	548
Home responsibilities	992	1,002	1,101	957	981	926	959	983	863	1,034	1,006	1,044	1,039
Think cannot get job	548	554	670	640	699	684	744	708	744	807	868	1,002	1,067
Other reasons	1,001	893	886	943	903	997	950	863	1,015	836	850	912	894
Black and other													
Total not in labor force	7,915	7,972	8,279	8,310	8,213	8,316	8,601	8,550	8,653	8,599	8,764	8,773	8,755
Do not want job now	6,583	6,720	6,824	6,864	6,699	6,911	6,859	6,933	7,217	7,104	6,844	6,829	6,969
Want a job now	1,383	1,323	1,373	1,393	1,599	1,493	1,665	1,558	1,558	1,585	1,836	1,894	1,813
Reason not looking													
School attendance	406	417	429	377	474	471	467	483	497	451	473	497	497
Ill health, disability	239	237	228	206	251	186	256	220	203	234	277	229	233
Home responsibilities	310	275	247	262	300	287	342	303	312	348	361	445	325
Think cannot get job	217	210	301	309	310	356	387	326	351	364	521	491	545
Other reasons	212	184	168	240	264	194	213	226	194	192	204	232	214

[1] Includes small number of men not looking for work because of "home responsibilities."

A-54. Persons not in labor force by reason, sex, and age

(In thousands)

Reason and sex	Total		Age							
			16 to 19 years		20 to 24 years		25 to 59 years		60 years and over	
	III 1981	III 1982	III 1981	III 1982	III 1981	III 1982	III 1981	III 1982	III 1981	III 1982
TOTAL										
Total not in labor force	60,708	60,869	6,272	6,220	4,300	4,342	22,479	22,039	27,657	28,268
Do not want a job now	55,315	54,594	5,022	4,726	3,504	3,252	19,617	18,846	27,177	27,771
Current activity:										
Going to school	3,686	3,603	2,150	2,097	987	959	538	546	15	1
Ill, disabled	4,378	4,076	54	37	120	105	2,090	1,908	2,116	2,027
Keeping house	29,076	28,318	524	462	1,726	1,560	14,219	13,610	12,607	12,687
Retired	12,123	12,681	--	--	--	--	276	304	11,846	12,377
Other	6,052	5,916	2,294	2,130	671	628	2,494	2,478	593	679
Want a job now	5,392	6,274	1,251	1,495	797	1,088	2,860	3,193	481	500
Reason not looking:										
School attendance	822	1,001	511	628	145	194	164	177	--	2
Ill health, disability	664	729	30	48	46	47	446	484	142	150
Home responsibilities	1,339	1,545	92	116	264	338	959	1,070	24	21
Think cannot get job	1,143	1,686	305	408	139	269	557	833	142	177
Job market factors	838	1,277	236	308	119	225	425	651	58	95
Personal factors	306	409	69	100	20	46	134	180	84	80
Other reasons[1]	1,424	1,313	313	295	203	240	734	629	173	150
Males										
Total not in labor force	17,813	18,304	2,804	2,895	1,203	1,297	3,506	3,479	10,301	10,632
Do not want a job now	16,245	16,351	2,216	2,208	983	950	2,969	2,789	10,079	10,400
Current activity:										
Going to school	1,867	1,860	1,022	1,064	550	551	291	243	4	--
Ill, disabled	2,379	2,184	31	19	71	80	1,187	1,082	1,092	1,003
Keeping house	245	329	13	13	9	11	80	76	144	227
Retired	8,688	8,970	--	--	--	--	227	248	8,460	8,721
Other	3,066	3,008	1,150	1,112	353	308	1,184	1,140	379	449
Want a job now	1,568	1,952	587	686	219	348	535	690	222	231
Reason not looking:										
School attendance	371	492	240	322	81	95	50	75	--	2
Ill health, disability	293	315	14	25	17	15	191	209	70	66
Think cannot get job	431	651	182	189	59	127	124	251	64	84
Other reasons[1]	473	494	151	150	62	111	170	155	88	79
Females										
Total not in labor force	42,895	42,565	3,469	3,325	3,097	3,045	18,973	18,560	17,356	17,636
Do not want a job now	39,071	38,244	2,801	2,517	2,520	2,303	16,651	16,056	17,098	17,366
Current activity:										
Going to school	1,820	1,743	1,124	1,033	437	408	249	302	10	1
Ill, disabled	1,999	1,892	23	17	49	25	903	826	1,025	1,022
Keeping house	28,831	27,989	510	448	1,716	1,549	14,141	13,534	12,463	12,458
Retired	3,435	3,712	--	--	--	--	49	56	3,386	3,655
Other	2,986	2,908	1,144	1,019	318	321	1,310	1,338	214	230
Want a job now	3,824	4,321	666	809	578	741	2,323	2,505	258	268
Reason not looking:										
School attendance	450	509	273	306	64	99	113	103	--	--
Ill health, disability	371	413	16	24	29	31	254	276	72	84
Home responsibilities	1,339	1,545	92	116	264	338	959	1,070	24	21
Think cannot get job	712	1,035	123	219	80	143	433	581	77	92
Other reasons	952	819	162	144	141	130	564	475	85	71

[1] Includes small number of men not looking for work because of "home responsibilities."

NOTE: Detail in tables A-54, A-55, and A-57 may not add to not in labor force totals because of differences in the weighting pattern used in aggregating these data.

A-55. Persons not in labor force by reason, race, age, and sex

(In thousands)

Reason and race	Total		Age						Sex			
			16 to 24 years		25 to 59 years		60 years and over		Males		Females	
	III 1981	III 1982	III 1981	III 1982	III 1981	III 1982	III 1981	III 1982	III 1981	III 1982	III 1981	III 1982
WHITE												
Total not in labor force	52,296	52,359	8,098	8,113	19,191	18,755	25,007	25,492	14,989	15,452	37,307	36,907
Do not want a job now	48,313	47,807	6,665	6,339	17,034	16,366	24,616	25,100	13,852	14,068	34,461	33,739
Current activity												
Going to school	2,779	2,732	2,409	2,345	357	387	14	1	1,415	1,449	1,364	1,283
Ill, disabled	3,489	3,303	108	111	1,637	1,512	1,743	1,678	1,907	1,785	1,582	1,518
Keeping house	26,222	25,492	1,866	1,708	12,723	12,159	11,633	11,625	192	270	26,030	25,222
Retired	10,941	11,447	--	--	255	271	10,687	11,174	7,906	8,151	3,035	3,296
Other	4,882	4,833	2,282	2,175	2,062	2,037	539	622	2,432	2,413	2,450	2,420
Want a job now	3,981	4,553	1,435	1,771	2,162	2,389	390	392	1,136	1,384	2,845	3,169
Reason not looking												
School attendance	532	685	425	574	105	108	—	2	238	339	294	346
Ill health, disability	473	515	55	72	309	341	109	102	237	243	236	272
Home responsibilities	1,005	1,192	249	302	733	870	22	21	--	--	1,005	1,192
Think cannot get job	765	1,094	283	419	382	541	102	134	268	413	497	681
Other reasons [1]	1,206	1,067	423	404	629	529	157	133	393	389	813	678
BLACK AND OTHER												
Total not in labor force	8,412	8,510	2,474	2,449	3,288	3,284	2,651	2,777	2,824	2,852	5,588	5,658
Do not want a job now	7,001	6,788	1,855	1,640	2,586	2,479	2,556	2,666	2,393	2,283	4,608	4,505
Current activity												
Going to school	908	871	728	714	182	158	--	--	452	411	456	460
Ill, disabled	889	773	64	30	453	397	369	346	473	399	416	374
Keeping house	2,853	2,826	381	313	1,496	1,451	975	1,061	53	59	2,800	2,767
Retired	1,181	1,235	--	--	22	32	1,158	1,203	781	819	400	416
Other	1,170	1,083	682	583	433	441	54	56	634	595	536	488
Want a job now	1,410	1,723	613	809	703	804	95	109	431	570	979	1,153
Reason not looking												
School attendance	289	317	230	247	58	70	—	—	133	154	156	163
Ill health, disability	191	214	21	23	136	142	36	49	56	73	135	141
Home responsibilities	335	353	107	133	227	199	1	—	--	--	335	353
Think cannot get job	377	592	160	258	177	292	41	42	163	238	214	354
Other reasons [1]	218	247	95	128	105	101	17	18	79	105	139	142

[1] Includes small number of men not looking for work because of "home responsibilities."

A-56. Persons not in labor force who desire work but think they cannot get jobs by reason, sex, age, and race

(In thousands)

Reason and sex	Total	3rd Quarter 1982					
		Age				Race	
		16 to 19 years	20 to 24 years	25 to 59 years	60 years and over	White	Black and other
TOTAL							
Personal factors							
Employers think too young or old	146	39	3	35	68	114	32
Lacks education or training	164	44	30	85	6	100	64
Other personal handicap	99	20	13	60	6	59	39
Job market factors							
Could not find job	746	202	139	368	36	420	326
Thinks no job available	531	103	86	283	59	401	131
Males							
Personal factors							
Employers think too young or old	49	13	--	12	24	39	10
Lacks education or training	61	29	11	19	1	37	24
Other personal handicap	36	3	11	16	5	25	10
Job market factors							
Could not find job	325	96	67	141	20	167	158
Thinks no job available	180	47	37	62	34	146	35
Females							
Personal factors							
Employers think too young or old	97	26	3	24	44	75	22
Lacks education or training	103	15	17	65	6	63	40
Other personal handicap	63	17	2	44	1	34	29
Job market factors							
Could not find job	420	106	71	228	16	253	168
Thinks no job available	351	55	49	220	26	255	96

A-57. Most recent work experience of persons not in labor force and reason for leaving last job for those who worked during the previous 12 months by sex, age, and race

(Numbers in thousands)

Most recent work experience, reason for leaving last job, and sex	Total		Age						Race			
			16 to 24 years		25 to 59 years		60 years and over		White		Black and other	
	III 1981	III 1982	III 1981	III 1982	III 1981	III 1982	III 1981	III 1982	III 1981	III 1982	III 1981	III 1982
Total, not in labor force	60,708	60,869	10,572	10,562	22,479	22,039	27,653	28,268	52,296	52,359	8,412	8,510
Never worked	9,193	9,451	4,522	4,809	2,206	2,266	2,465	2,377	7,074	7,352	2,120	2,099
Last worked over 5 years ago	31,224	31,753	302	295	10,896	10,737	20,026	20,721	27,668	28,061	3,556	3,691
Last worked 1 to 5 years ago	10,910	11,161	1,829	1,858	5,449	5,523	3,631	3,778	9,482	9,601	1,428	1,559
Left job during previous 12 months	9,380	8,503	3,919	3,599	3,926	3,511	1,535	1,392	8,073	7,343	1,307	1,159
Percent distribution by reason	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
School, home responsibilities	41.4	38.9	62.1	59.1	35.2	36.1	4.6	6.2	41.8	40.1	38.9	31.4
Ill health, disability	8.2	7.3	2.3	1.9	12.0	10.6	13.5	12.7	7.8	7.1	10.3	8.4
Retirement, old age	10.2	10.9	--	--	3.3	4.6	54.3	54.7	11.0	11.3	5.7	8.0
Economic reasons	22.9	24.6	18.6	24.6	28.5	27.4	19.6	17.8	22.2	23.7	27.5	30.8
End of seasonal job	8.8	8.9	7.4	10.1	10.9	8.9	6.9	6.0	8.4	8.7	11.1	10.2
Slack work	7.7	9.6	6.0	8.7	10.1	11.8	6.0	6.2	7.2	8.7	11.0	15.0
End of temporary job	6.4	6.1	5.2	5.7	7.5	6.7	6.7	5.6	6.6	6.2	5.4	5.6
All other reasons	17.2	18.3	17.0	19.2	21.0	21.2	8.1	8.6	17.3	17.8	17.6	21.5
Males, not in labor force	17,813	18,304	4,007	4,192	3,506	3,479	10,301	10,632	14,989	15,452	2,824	2,852
Never worked	2,235	2,436	1,855	2,052	322	333	57	52	1,521	1,723	715	714
Last worked over 5 years ago	8,691	8,961	48	33	1,338	1,328	7,305	7,600	7,567	7,847	1,124	1,113
Last worked 1 to 5 years ago	3,556	3,778	446	483	1,008	1,115	2,103	2,179	3,088	3,212	468	565
Left job during previous 12 months	3,330	3,129	1,656	1,625	838	703	835	801	2,814	2,669	517	459
Percent distribution by reason	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
School, home responsibilities	33.2	30.6	57.7	56.6	15.6	15.7	2.7	3.1	33.5	31.6	31.5	24.4
Ill health, disability	11.3	8.9	2.4	1.3	26.8	22.0	13.4	14.6	10.9	10.1	13.2	8.7
Retirement, old age	19.0	19.6	--	--	10.3	14.0	65.2	66.3	20.8	20.7	9.1	13.5
Economic reasons	20.6	23.4	21.9	28.2	24.4	24.6	14.0	12.5	19.1	22.3	29.0	29.8
End of seasonal job	7.1	8.6	8.7	12.6	4.9	5.1	6.2	3.4	6.3	4.9	11.8	6.8
Slack work	7.6	10.1	7.0	9.7	12.6	16.0	3.8	5.5	6.6	8.8	13.0	17.2
End of temporary job	5.9	4.8	6.3	5.9	6.9	3.5	3.9	3.6	6.2	4.6	4.3	5.9
All other reasons	15.9	16.5	17.9	18.9	22.7	23.7	5.3	5.4	15.7	15.3	17.2	23.5
Females, not in labor force	42,895	42,565	6,566	6,370	18,973	18,560	17,356	17,636	37,307	36,907	5,588	5,658
Never worked	6,958	7,014	2,666	2,758	1,884	1,933	2,408	2,325	5,553	5,629	1,405	1,385
Last worked over 5 years ago	22,533	22,792	253	262	9,558	9,411	12,721	13,120	20,101	20,214	2,432	2,578
Last worked 1 to 5 years ago	7,354	7,384	1,384	1,376	4,441	4,408	1,529	1,599	6,394	6,389	960	994
Left job during previous 12 months	6,049	5,374	2,261	1,974	3,088	2,808	700	592	5,259	4,674	790	700
Percent distribution by reason	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
School, home responsibilities	46.0	43.8	65.3	62.5	40.3	41.3	7.7	10.1	44.3	45.0	43.8	35.9
Ill health, disability	6.5	5.7	2.2	1.5	8.0	7.7	13.6	10.3	6.2	5.4	8.5	8.1
Retirement, old age	3.4	5.8	--	--	1.3	2.3	41.0	41.8	5.7	6.0	3.4	4.4
Economic reasons	24.8	25.4	16.1	21.4	29.6	28.2	26.4	24.4	23.8	24.4	26.5	31.4
End of seasonal job	9.7	9.2	6.5	6.1	12.5	9.8	7.7	9.1	9.5	8.7	10.6	12.4
Slack work	7.8	9.3	5.3	7.9	9.5	10.4	8.7	6.9	7.5	8.6	9.7	13.6
End of temporary job	6.7	6.9	4.3	5.3	5.6	7.6	10.0	8.3	6.8	7.1	6.1	5.4
All other reasons	18.0	19.3	16.4	19.5	20.9	20.3	11.3	13.2	18.0	19.2	17.8	20.1

A-58. Work-seeking intentions of persons not in labor force and work history of those who intend to seek work within the next 12 months by sex, age, and race

(In thousands)

Work seeking intentions, work history, and sex	Total		Age						Race			
			16 to 24 years		25 to 59 years		60 years and over		White		Black and other	
	III 1981	III 1982	III 1981	III 1982	III 1981	III 1982	III 1981	III 1982	III 1981	III 1982	III 1981	III 1982
Total												
Do not intend to seek work	52,186	51,930	6,296	6,080	18,696	18,143	27,194	27,806	45,396	45,042	6,592	6,508
Intend to seek work in the next 12 months	8,520	8,918	4,277	4,482	3,783	3,895	463	541	6,701	6,917	1,820	2,002
Never worked	1,305	1,515	1,162	1,379	138	138	6	8	923	1,065	383	450
Last worked over 5 years ago	982	1,106	47	43	825	965	110	118	719	813	263	293
Last worked 1 to 5 years ago	2,095	2,344	730	928	1,203	1,409	162	158	1,598	1,736	497	609
Worked during previous 12 months	4,138	3,893	2,338	2,312	1,616	1,403	185	178	3,462	3,303	677	591
Males												
Do not intend to seek work	15,077	15,286	2,175	2,232	2,816	2,649	10,085	10,403	12,842	13,101	2,234	2,185
Intend to seek work in the next 12 months	2,736	3,017	1,931	1,959	691	829	215	229	2,147	2,351	590	667
Never worked	542	646	521	603	20	42	2	--	381	440	161	206
Last worked over 5 years ago	125	161	5	5	85	102	32	54	74	113	51	48
Last worked 1 to 5 years ago	531	656	283	265	204	320	44	71	410	461	121	195
Worked during previous 12 months	1,538	1,554	1,070	1,086	391	364	87	104	1,282	1,337	257	218
Females												
Do not intend to seek work	37,110	36,644	4,121	3,767	15,881	15,494	17,109	17,403	32,752	32,341	4,358	4,323
Intend to seek work in the next 12 months	5,784	5,901	2,945	2,602	3,091	3,066	247	232	4,554	4,566	1,230	1,335
Never worked	763	870	641	776	119	96	3	8	542	625	222	244
Last worked over 5 years ago	857	945	38	38	739	862	78	65	700	700	212	245
Last worked 1 to 5 years ago	1,564	1,688	497	514	998	1,088	68	87	1,188	1,275	376	414
Worked during previous 12 months	2,600	2,319	1,769	1,226	1,234	1,019	97	74	2,180	1,966	420	373

A-59. Employment status of the noninstitutional population by sex, age, race, and Hispanic origin

(Numbers in thousands)

Employment status, sex, and age	Total		White		Black		Hispanic origin	
	III 1981	III 1982	III 1981	III 1982	III 1981	III 1982	III 1981	III 1982
TOTAL								
Civilian noninstitutional population	170,413	172,522	148,164	149,586	18,268	18,628	9,383	9,558
Civilian labor force	109,705	111,653	95,868	97,227	11,260	11,611	6,046	6,101
Percent of population	64.4	64.7	64.7	65.0	61.6	62.3	64.4	63.8
Employed	101,717	100,839	89,898	88,986	9,457	9,362	5,454	5,232
Agriculture	3,784	3,850	3,528	3,589	175	181	311	306
Nonagricultural industries	97,933	96,989	86,370	85,397	9,283	9,181	5,142	4,927
Unemployed	7,987	10,813	5,970	8,241	1,803	2,249	592	869
Unemployment rate	7.3	9.7	6.2	8.5	16.0	19.4	9.8	14.2
Not in labor force	60,708	60,869	52,296	52,359	7,007	7,017	3,337	3,457
Males, 20 years and over								
Civilian noninstitutional population	72,567	73,775	63,879	64,768	7,028	7,207	4,004	3,999
Civilian labor force	57,557	58,367	51,008	51,534	5,254	5,397	3,396	3,370
Percent of population	79.3	79.1	79.9	79.6	74.8	74.9	84.8	84.3
Employed	54,339	53,449	48,566	47,710	4,565	4,457	3,145	2,962
Agriculture	2,549	2,611	2,368	2,421	131	133	220	221
Nonagricultural industries	51,789	50,838	46,197	45,289	4,434	4,324	2,925	2,741
Unemployed	3,219	4,918	2,442	3,824	690	940	251	408
Unemployment rate	5.6	8.4	4.8	7.4	13.1	17.4	7.4	12.1
Not in labor force	15,010	15,408	12,871	13,234	1,773	1,810	608	628
Females, 20 years and over								
Civilian noninstitutional population	81,675	83,037	70,813	71,797	8,952	9,175	4,209	4,381
Civilian labor force	42,248	43,797	36,134	37,431	5,024	5,211	2,087	2,188
Percent of population	51.7	52.7	51.0	52.1	56.1	56.8	49.6	49.9
Employed	39,256	39,998	33,955	34,578	4,307	4,389	1,876	1,907
Agriculture	717	700	670	658	23	23	55	53
Nonagricultural industries	38,539	39,294	33,285	33,920	4,284	4,366	1,821	1,854
Unemployed	2,992	3,803	2,179	2,853	716	842	212	281
Unemployment rate	7.1	8.7	6.0	7.6	14.3	16.2	10.1	12.8
Not in labor force	39,426	39,241	34,679	34,366	3,928	3,964	2,122	2,193
Both sexes, 16-19 years								
Civilian noninstitutional population	16,171	15,709	13,471	13,021	2,288	2,246	1,169	1,178
Civilian labor force	9,899	9,489	8,726	8,262	982	1,003	562	542
Percent of population	61.2	60.4	64.8	63.5	42.9	44.7	48.1	46.0
Employed	8,123	7,396	7,377	6,698	585	536	433	363
Agriculture	518	540	490	510	20	25	37	31
Nonagricultural industries	7,605	6,856	6,887	6,189	565	511	396	331
Unemployed	1,776	2,093	1,349	1,564	396	467	129	180
Unemployment rate	17.9	22.1	15.5	18.9	40.4	46.5	22.9	33.1
Not in labor force	6,272	6,220	4,745	4,759	1,306	1,243	607	636

HOUSEHOLD DATA
QUARTERLY AVERAGES

A-60 Employment status of persons of Mexican Puerto Rican, and Cuban origin by sex and age

[Numbers in thousands]

Employment status, sex, and age	Total Hispanic origin[1]		Mexican origin		Puerto Rican origin		Cuban origin	
	III 1981	III 1982	III 1981	III 1982	III 1981	III 1982	III 1981	III 1982
TOTAL								
Civilian noninstitutional population	9,383	9,558	5,605	5,788	1,262	1,219	806	787
Civilian labor force	6,046	6,101	3,737	3,820	643	622	522	511
Percent of population	64.4	63.8	66.7	66.0	51.0	51.0	64.8	64.9
Employed	5,454	5,232	3,387	3,252	555	508	474	458
Agriculture	311	306	288	278	5	8	3	2
Nonagricultural industries	5,142	4,927	3,100	2,974	550	500	471	456
Unemployed	592	869	350	567	88	115	49	53
Unemployment rate	9.8	14.2	9.4	14.9	13.7	18.4	9.3	10.3
Not in labor force	3,337	3,457	1,868	1,969	619	597	284	276
Males, 20 years and over								
Civilian noninstitutional population	4,004	3,999	2,485	2,505	490	449	344	337
Civilian labor force	3,396	3,370	2,153	2,152	387	351	281	272
Percent of population	84.8	84.3	86.6	85.9	79.0	78.2	81.7	80.7
Employed	3,145	2,962	2,015	1,886	344	296	255	246
Agriculture	220	221	204	200	5	7	2	2
Nonagricultural industries	2,925	2,741	1,812	1,686	340	290	252	244
Unemployed	251	408	138	266	43	54	27	27
Unemployment rate	7.4	12.1	6.4	12.4	11.1	15.4	9.5	9.7
Not in labor force	608	628	331	353	102	99	63	65
Females, 20 years and over								
Civilian noninstitutional population	4,209	4,381	2,384	2,526	600	590	379	388
Civilian labor force	2,087	2,188	1,180	1,291	210	214	206	205
Percent of population	49.6	49.9	49.5	51.1	35.0	36.3	54.4	52.8
Employed	1,876	1,907	1,053	1,112	182	176	190	190
Agriculture	55	53	48	50	1	1	--	--
Nonagricultural industries	1,821	1,854	1,005	1,062	181	175	190	190
Unemployed	212	281	126	179	28	38	16	14
Unemployment rate	10.1	12.8	10.7	13.9	13.3	17.7	7.9	7.0
Not in labor force	2,122	2,193	1,204	1,234	390	375	173	184
Both sexes, 16-19 years								
Civilian noninstitutional population	1,169	1,178	736	758	172	181	83	62
Civilian labor force	562	542	404	377	46	58	35	34
Percent of population	48.1	46.0	54.9	49.7	26.7	32.0	42.2	54.8
Employed	433	363	319	254	29	35	30	22
Agriculture	37	31	36	28	--	--	--	--
Nonagricultural industries	396	331	283	226	29	35	29	22
Unemployed	129	180	86	122	17	23	6	12
Unemployment rate	22.9	33.1	21.2	32.5	(2)	(2)	(2)	(2)
Not in labor force	607	636	332	381	127	123	48	28

[1] Includes persons of Central or South American origin and of other Hispanic origin, not shown separately.

[2] Percent not shown where base is less than 60,000.

A-61. Employed persons by selected social and economic categories, race, and Hispanic origin

[In thousands]

Category	Total		White		Black and other		Hispanic origin	
	III 1981	III 1982	III 1981	III 1982	III 1981	III 1982	III 1981	III 1982
CHARACTERISTIC								
Total, 16 years and over	101,717	100,839	89,898	88,986	11,820	11,853	5,454	5,232
Males	58,689	57,301	52,502	51,179	6,187	6,122	3,392	3,172
Females	43,028	43,539	37,396	37,807	5,633	5,731	2,061	2,061
OCCUPATION								
White-collar workers	52,725	53,515	47,920	48,685	4,805	4,830	1,828	1,902
Professional and technical	16,095	16,638	14,431	15,019	1,664	1,619	430	444
Managers and administrators, except farm	11,716	11,735	11,035	11,065	681	670	347	360
Sales workers	6,408	6,556	6,051	6,191	358	365	198	224
Clerical workers	18,506	18,587	16,404	16,411	2,102	2,176	853	874
Blue-collar workers	32,422	30,310	28,191	26,264	4,231	4,046	2,513	2,257
Craft and kindred workers	13,006	12,578	11,935	11,512	1,071	1,065	754	663
Operatives, except transport	10,786	9,357	8,982	7,766	1,804	1,592	1,117	962
Transport equipment operatives	3,539	3,383	3,012	2,898	528	485	243	218
Nonfarm laborers	5,091	4,992	4,262	4,089	829	903	399	414
Service workers	13,481	13,947	10,883	11,155	2,597	2,792	854	838
Farm workers	3,090	3,067	2,903	2,881	186	186	258	236
MAJOR INDUSTRY AND CLASS OF WORKER								
Agriculture	1,724	1,801	1,542	1,599	182	202	290	279
Wage and salary workers	1,753	1,742	1,685	1,687	68	55	19	24
Self-employed workers	307	307	300	302	7	5	2	2
Unpaid family workers								
Nonagricultural industries	90,370	89,179	79,312	78,095	11,059	11,084	4,879	4,644
Wage and salary workers	15,098	15,122	12,608	12,624	2,491	2,498	668	682
Government	75,272	74,057	66,704	65,471	8,567	8,586	4,210	3,962
Private industries	1,240	1,272	866	901	374	371	87	100
Private households	74,032	72,785	65,838	64,570	8,193	8,215	4,123	3,862
Other industries	7,158	7,405	6,674	6,926	484	479	246	271
Self-employed workers	405	406	384	376	21	29	18	13
Unpaid family workers								
FULL- AND PART-TIME STATUS [1]								
Full time schedules	83,788	81,052	73,899	71,471	9,889	9,580	4,570	4,292
Part time for economic reasons	5,083	6,721	4,237	5,558	846	1,163	407	499
Part time for noneconomic reasons	12,847	13,067	11,762	11,957	1,085	1,110	477	441

[1] Employed persons with a job but not at work are distributed proportionately among the full- and part-time employed categories.

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A-62. Employed persons of Mexican, Puerto Rican, and Cuban origin by selected social and economic categories

[In thousands]

Category	Total Hispanic origin[1]		Mexican origin		Puerto Rican origin		Cuban origin	
	III 1981	III 1982	III 1981	III 1982	III 1981	III 1982	III 1981	III 1982
CHARACTERISTIC								
Total, 16 years and over	5,454	5,232	3,387	3,252	555	508	474	458
Males	3,392	3,172	2,205	2,033	361	316	268	255
Females	2,061	2,061	1,183	1,220	194	192	205	203
OCCUPATION								
White-collar workers	1,828	1,902	973	1,045	224	205	217	238
Professional and technical	430	444	221	212	54	42	52	78
Managers and administrators, except farm	347	360	165	197	36	31	55	44
Sales workers	198	224	118	121	11	18	25	34
Clerical workers	853	874	469	515	123	114	85	82
Blue-collar workers	2,513	2,257	1,682	1,490	244	203	200	168
Craft and kindred workers	754	663	506	437	63	57	61	47
Operatives, except transport	1,117	962	712	604	124	83	91	90
Transport equipment operatives	243	218	160	143	23	27	27	16
Nonfarm laborers	399	414	304	306	34	36	21	15
Service workers	854	838	487	496	85	94	55	51
Farm workers	258	236	244	220	1	4	1	--
MAJOR INDUSTRY AND CLASS OF WORKER								
Agriculture:								
Wage and salary workers	290	279	278	266	2	6	2	--
Self-employed workers	19	24	8	12	3	2	1	2
Unpaid family workers	2	2	1	--	--	--	--	--
Nonagricultural industries:								
Wage and salary workers	4,879	4,644	2,972	2,824	533	496	421	410
Government	668	682	448	442	87	84	26	46
Private industries	4,210	3,962	2,524	2,382	446	402	396	364
Private households	87	100	37	65	3	5	3	--
Other industries	4,123	3,862	2,487	2,317	443	397	393	364
Self-employed workers	246	271	117	144	16	12	47	44
Unpaid family workers	18	13	12	7	1	1	2	2
FULL- AND PART-TIME STATUS[2]								
Full-time schedules	4,570	4,292	2,815	2,639	497	431	394	387
Part time for economic reasons	407	499	310	354	20	45	25	22
Part time for noneconomic reasons	477	441	263	259	38	31	55	49

[1] Includes persons of Central or South American origin and of other Hispanic origin, not shown separately.

[2] Employed persons with a job but not at work are distributed proportionately among the full- and part-time employed categories.

A-63. Employed persons by sex, age, race, and Hispanic origin

(In thousands)

Sex and age	Total		White		Black		Hispanic origin	
	III 1981	III 1982	III 1981	III 1982	III 1981	III 1982	III 1981	III 1982
Total, 16 years and over	101,717	100,839	89,898	88,986	9,457	9,362	5,454	5,232
16 to 19 years	8,123	7,396	7,377	6,698	585	536	433	363
16 to 17 years	3,384	2,931	3,078	2,658	233	210	171	121
18 to 19 years	4,739	4,465	4,300	4,040	352	326	262	242
20 to 24 years	14,628	14,099	12,933	12,424	1,387	1,342	975	840
25 years and over	78,966	79,344	69,587	69,864	7,485	7,483	4,047	4,030
25 to 54 years	64,564	64,946	56,597	56,874	6,304	6,314	3,616	3,594
55 years and over	14,402	14,398	12,990	12,990	1,181	1,169	431	435
Males, 16 years and over	58,689	57,301	52,502	51,179	4,886	4,743	3,392	3,172
16 to 19 years	4,350	3,852	3,936	3,468	321	287	247	209
16 to 17 years	1,844	1,541	1,668	1,401	133	103	92	64
18 to 19 years	2,507	2,311	2,268	2,068	189	183	155	145
20 to 24 years	7,895	7,482	7,006	6,604	727	700	598	482
25 years and over	46,444	45,967	41,559	41,106	3,839	3,756	2,547	2,480
25 to 54 years	37,719	37,364	33,579	33,254	3,232	3,158	2,248	2,190
55 years and over	8,724	8,602	7,980	7,853	607	598	300	290
Females, 16 years and over	43,028	43,539	37,396	37,807	4,571	4,619	2,061	2,061
16 to 19 years	3,773	3,544	3,441	3,230	264	250	186	153
16 to 17 years	1,540	1,390	1,410	1,257	101	107	79	57
18 to 19 years	2,232	2,154	2,031	1,972	163	143	107	97
20 to 24 years	6,733	6,617	5,927	5,820	660	642	377	358
25 years and over	32,523	33,377	28,028	28,758	3,647	3,727	1,499	1,550
25 to 54 years	26,845	27,581	23,018	23,620	3,073	3,156	1,368	1,404
55 years and over	5,678	5,795	5,010	5,138	574	571	131	146

A-64. Unemployment rates by sex, age, race, and Hispanic origin

Sex and age	Total		White		Black		Hispanic origin	
	III 1981	III 1982	III 1981	III 1982	III 1981	III 1982	III 1981	III 1982
Total, 16 years and over	7.3	9.7	6.2	8.5	16.0	19.4	9.8	14.2
16 to 19 years	17.9	22.1	15.5	18.9	40.4	46.5	22.8	33.1
16 to 17 years	18.8	23.3	16.6	21.0	40.5	43.1	25.7	38.5
18 to 19 years	17.3	21.2	14.6	17.5	40.3	48.5	21.0	30.1
20 to 24 years	11.6	14.5	9.5	12.5	26.9	29.7	13.3	18.0
25 years and over	5.2	7.4	4.5	6.6	10.7	14.0	7.2	11.1
25 to 54 years	5.5	7.9	4.8	7.0	11.5	15.1	7.3	11.4
55 years and over	3.4	4.8	3.1	4.6	6.0	7.3	5.9	9.0
Males, 16 years and over	6.6	9.5	5.6	8.4	15.5	19.9	8.6	13.9
16 to 19 years	17.5	22.3	15.0	19.5	39.4	45.5	21.3	33.5
16 to 17 years	18.3	24.0	16.3	21.9	37.9	44.7	30.3	43.6
18 to 19 years	16.9	21.1	13.9	17.8	40.5	46.0	14.7	27.8
20 to 24 years	11.5	15.3	9.6	13.4	25.9	29.0	11.5	18.7
25 years and over	4.5	7.2	3.9	6.4	10.2	14.8	6.4	10.7
25 to 54 years	4.8	7.7	4.2	6.8	10.8	15.9	6.5	10.8
55 years and over	3.2	4.8	2.9	4.5	6.9	9.0	5.4	9.9
Females, 16 years and over	8.2	9.9	7.0	8.6	16.5	18.8	11.7	14.7
16 to 19 years	18.5	21.8	16.0	18.3	41.5	47.6	25.0	32.7
16 to 17 years	19.4	22.5	16.9	19.9	43.7	41.5	19.6	31.6
18 to 19 years	17.8	21.3	15.4	17.3	40.0	51.5	28.6	33.3
20 to 24 years	11.7	13.6	9.3	11.4	28.0	30.4	16.0	17.0
25 years and over	6.1	7.6	5.3	6.8	11.2	13.1	8.5	11.8
25 to 54 years	6.6	8.2	5.7	7.3	12.3	14.3	8.6	12.3
55 years and over	3.7	4.8	3.5	4.7	5.0	5.5	7.7	7.0

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A-65. Unemployed persons by duration of unemployment, race, and Hispanic origin

[In thousands]

Weeks of unemployment	Total		White		Black and other		Hispanic origin	
	III 1981	III 1982	III 1981	III 1982	III 1981	III 1982	III 1981	III 1982
DURATION								
Total, 16 years and over	7,987	10,813	5,970	8,241	2,017	2,573	592	869
Less than 5 weeks	3,463	4,037	2,692	3,124	771	912	278	326
5 to 14 weeks	2,550	3,474	1,883	2,649	667	825	192	303
15 weeks and over	1,974	3,303	1,395	2,467	579	836	122	239
15 to 26 weeks	878	1,456	626	1,114	252	342	64	126
27 weeks and over	1,095	1,847	769	1,353	327	494	58	113
Average (mean) duration, in weeks	13.2	15.3	12.6	14.8	15.1	17.1	11.7	13.6
Median duration, in weeks	6.5	8.2	6.1	8.0	7.7	8.8	5.7	8.2
PERCENT DISTRIBUTION								
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5 weeks	43.4	37.3	45.1	37.9	38.2	35.4	47.0	37.6
5 to 14 weeks	31.9	32.1	31.5	32.1	33.1	32.1	32.4	34.9
15 weeks and over	24.7	30.5	23.4	29.9	28.7	32.5	20.6	27.5
15 to 26 weeks	11.0	13.5	10.5	13.5	12.5	13.3	10.8	14.5
27 weeks and over	13.7	17.1	12.9	16.4	16.2	19.2	9.8	13.0

A-66. Unemployed persons by reason for unemployment, race, and Hispanic origin

[Numbers in thousands]

Reason for unemployment	Total		White		Black and other		Hispanic origin	
	III 1981	III 1982	III 1981	III 1982	III 1981	III 1982	III 1981	III 1982
NUMBER OF UNEMPLOYED								
Total, 16 years and over	7,987	10,813	5,970	8,241	2,017	2,573	592	869
Job losers	3,849	6,068	2,888	4,748	961	1,319	318	523
On layoff	1,163	2,017	943	1,681	220	336	97	122
Other job losers	2,686	4,051	1,945	3,067	742	984	221	401
Job leavers	1,002	876	815	725	187	151	62	75
Reentrants	2,068	2,468	1,541	1,871	527	597	117	161
New entrants	1,068	1,402	726	897	342	506	95	110
PERCENT DISTRIBUTION								
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers	48.2	56.2	48.4	57.6	47.7	51.2	53.7	60.2
On layoff	14.6	18.7	15.8	20.4	10.9	13.0	16.4	14.0
Other job losers	33.6	37.5	32.6	37.2	36.8	38.2	37.3	46.1
Job leavers	12.5	8.1	13.7	8.8	9.3	5.9	10.5	8.6
Reentrants	25.9	22.8	25.8	22.7	26.1	23.2	19.8	18.5
New entrants	13.4	13.0	12.2	10.9	16.9	19.7	16.0	12.7
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE								
Job losers	3.5	5.4	3.0	4.9	7.0	9.1	5.3	8.6
Job leavers	.9	.8	.9	.7	1.4	1.0	1.0	1.2
Reentrants	1.9	2.2	1.6	1.9	3.8	4.1	1.9	2.6
New entrants	1.0	1.3	.8	.9	2.5	3.5	1.6	1.8

A-67. Employment status of male Vietnam-era veterans and nonveterans by age

[Numbers in thousands]

Veteran status and age	Civilian noninstitutional population		Civilian labor force							
			Total		Employed		Unemployed			
							Number		Percent of labor force	
	III 1981	III 1982	III 1981	III 1982	III 1981	III 1982	III 1981	III 1982	III 1981	III 1982
VETERANS										
Total, 25 years and over	8,580	8,703	8,170	8,208	7,770	7,566	400	641	4.9	7.8
25 to 39 years	7,318	7,109	7,066	6,816	6,704	6,245	362	571	5.1	8.4
25 to 29 years	1,459	1,177	1,368	1,113	1,266	965	102	148	7.4	13.3
30 to 34 years	3,286	2,882	3,195	2,759	3,047	2,530	148	229	4.6	8.3
35 to 39 years	2,573	3,050	2,503	2,944	2,391	2,750	112	194	4.5	6.6
40 years and over	1,262	1,595	1,104	1,392	1,065	1,321	39	71	3.5	5.1
NONVETERANS										
Total, 25 to 39 years	17,336	18,339	16,385	17,390	15,452	15,797	934	1,593	5.7	9.2
25 to 29 years	7,901	8,204	7,465	7,752	6,969	6,912	495	840	6.6	10.8
30 to 34 years	5,562	6,032	5,273	5,739	4,962	5,275	311	464	5.9	8.1
35 to 39 years	3,873	4,102	3,647	3,899	3,520	3,611	127	288	3.5	7.4

NOTE: Vietnam-era veterans are males who served in the Armed Forces between August 5, 1964 and May 7, 1975. Nonveterans are males who have never served in the Armed Forces. published data are limited to those 25 to 39 years of age, the group that most closely corresponds to the bulk of the Vietnam-era veteran population.

A-68. Employment status of male Vietnam-era veterans and nonveterans by age, race, and Hispanic origin

[Numbers in thousands]

Employment status and age	Veterans						Nonveterans					
	White		Black and other		Hispanic origin		White		Black and other		Hispanic origin	
	III 1981	III 1982	III 1981	III 1982	III 1981	III 1982	III 1981	III 1982	III 1981	III 1982	III 1981	III 1982
Total, 25 to 39 years:												
Civilian noninstitutional population	6,532	6,306	786	803	299	305	14,926	15,826	2,410	2,512	1,371	1,429
Civilian labor force	6,335	6,088	731	728	285	295	14,286	15,154	2,100	2,236	1,283	1,343
Employed	6,030	5,637	675	608	270	266	13,605	13,963	1,848	1,835	1,187	1,178
Unemployed	305	451	56	120	15	29	681	1,191	252	401	96	165
Unemployment rate	4.8	7.4	7.7	16.5	5.3	9.8	4.8	7.9	12.0	17.9	7.5	12.3
25 to 29 years												
Civilian noninstitutional population	1,261	998	198	179	93	51	6,859	7,138	1,042	1,066	604	625
Civilian labor force	1,196	954	172	159	90	51	6,567	6,817	897	935	569	591
Employed	1,113	850	153	115	87	44	6,197	6,176	772	736	527	506
Unemployed	83	104	19	44	3	7	370	641	125	199	42	85
Unemployment rate	6.9	10.9	11.0	27.7	3.3	13.7	5.6	9.4	13.9	21.3	7.4	14.4
30 to 34 years												
Civilian noninstitutional population	2,952	2,554	334	328	106	122	4,763	5,187	799	845	447	467
Civilian labor force	2,881	2,458	314	301	102	117	4,565	4,983	709	756	415	440
Employed	2,752	2,268	296	262	97	102	4,346	4,647	617	628	375	387
Unemployed	129	190	18	39	5	15	219	336	92	128	40	53
Unemployment rate	4.5	7.7	5.7	13.0	4.9	12.8	4.8	6.7	13.0	16.9	9.6	12.0
35 to 39 years												
Civilian noninstitutional population	2,319	2,754	254	296	100	132	3,304	3,501	569	601	320	337
Civilian labor force	2,258	2,676	245	268	93	127	3,154	3,354	494	545	299	312
Employed	2,165	2,519	226	231	86	120	3,062	3,140	459	471	285	285
Unemployed	93	157	19	37	7	7	92	214	35	74	14	27
Unemployment rate	4.1	5.9	7.8	13.8	7.5	5.5	2.9	6.4	7.1	13.6	4.7	8.7

A-69. Employment status of the noninstitutional population in metropolitan and nonmetropolitan areas by sex, age, and race

(Numbers in thousands)

Employment status, sex, age, and race	Metropolitan areas						Nonmetropolitan areas					
	Total		Central cities		Suburbs		Total		Farm		Nonfarm	
	III 1981	III 1982	III 1981	III 1982	III 1981	III 1982	III 1981	III 1982	III 1981	III 1982	III 1981	III 1982
TOTAL												
Civilian noninstitutional population	115,945	117,847	47,626	48,319	68,319	69,528	54,468	54,675	4,402	4,211	50,066	50,464
Civilian labor force	75,621	75,455	29,907	30,636	45,714	46,819	34,084	34,197	2,928	2,822	31,156	31,375
Percent of population	65.2	65.7	62.8	63.4	66.9	67.3	62.6	62.5	66.5	67.0	62.2	62.2
Employed	70,127	70,011	27,256	27,156	42,871	42,855	31,590	30,829	2,847	2,701	28,743	28,128
Unemployed	5,494	7,445	2,652	3,481	2,842	3,964	2,493	3,368	81	121	2,412	3,247
Unemployment rate	7.3	9.9	8.9	11.4	6.2	8.5	7.3	9.9	2.8	4.3	7.7	10.3
Not in labor force	40,324	40,391	17,719	17,683	22,605	22,708	20,384	20,478	1,474	1,389	18,910	19,089
Males, 20 years and over												
Civilian noninstitutional population	49,356	50,284	19,988	20,198	29,368	30,086	23,211	23,511	2,013	1,944	21,198	21,567
Civilian labor force	39,617	40,221	15,416	15,611	24,201	24,610	17,960	18,147	1,665	1,619	16,275	16,528
Percent of population	80.3	80.0	77.1	77.3	82.4	81.8	77.3	77.2	82.7	83.3	76.8	76.6
Employed	37,367	36,825	14,317	13,983	23,050	22,842	16,972	16,625	1,642	1,567	15,330	15,058
Unemployed	2,250	3,396	1,099	1,628	1,151	1,768	988	1,522	23	52	965	1,470
Unemployment rate	5.7	8.4	7.1	10.4	4.8	7.2	5.4	8.4	1.4	3.2	5.8	8.9
Not in labor force	9,738	10,064	4,571	4,588	5,167	5,476	5,251	5,365	348	325	4,923	5,040
Females, 20 years and over												
Civilian noninstitutional population	55,775	56,973	23,496	23,959	32,279	33,014	25,900	26,065	1,908	1,829	23,992	24,236
Civilian labor force	29,503	30,823	12,212	12,729	17,291	18,094	12,745	12,974	919	904	11,826	12,070
Percent of population	52.9	54.1	52.0	53.1	53.6	54.8	49.2	49.8	48.2	49.4	49.3	49.8
Employed	27,443	28,199	11,197	11,513	16,246	16,686	11,813	11,795	886	863	10,927	10,932
Unemployed	2,060	2,623	1,015	1,216	1,045	1,407	933	1,179	33	41	900	1,138
Unemployment rate	7.0	8.5	8.3	9.6	6.0	7.8	7.3	9.1	3.6	4.5	7.6	9.4
Not in labor force	26,272	26,150	11,284	11,229	14,988	14,921	13,154	13,091	988	925	12,166	12,166
Both sexes, 16-19 years												
Civilian noninstitutional population	10,814	10,610	4,142	4,162	6,672	6,448	5,357	5,099	481	438	4,876	4,661
Civilian labor force	6,501	6,412	2,279	2,296	4,222	4,116	3,395	3,077	344	299	3,054	2,778
Percent of population	60.1	60.4	55.0	55.2	63.3	63.8	63.4	60.3	71.4	68.1	62.6	59.6
Employed	5,317	4,987	1,742	1,659	3,575	3,328	2,806	2,409	319	271	2,487	2,138
Unemployed	1,184	1,426	537	637	647	789	590	667	25	28	567	639
Unemployment rate	18.2	22.2	23.6	27.7	15.3	19.2	17.4	21.7	7.1	9.4	18.6	23.0
Not in labor force	4,314	4,198	1,863	1,866	2,451	2,332	1,959	2,022	138	140	1,821	1,882
White												
Civilian noninstitutional population	98,743	99,921	35,865	36,118	62,878	63,803	49,420	49,665	4,159	4,033	45,261	45,632
Civilian labor force	64,766	66,046	22,631	23,188	41,955	42,858	31,081	31,181	2,796	2,726	28,285	28,455
Percent of population	65.6	66.1	63.7	64.2	66.7	67.2	62.9	62.8	67.2	67.6	62.5	62.4
Employed	60,868	60,601	21,324	21,130	39,564	39,471	29,009	28,385	2,729	2,619	26,280	25,766
Unemployed	3,898	5,445	1,306	2,058	2,392	3,387	2,072	2,796	68	107	2,004	2,689
Unemployment rate	6.0	8.2	5.8	8.9	5.7	7.9	6.7	9.0	2.4	3.9	7.1	9.5
Not in labor force	33,957	33,875	13,233	12,929	20,924	20,946	18,339	18,484	1,363	1,307	16,976	17,177
Black and other												
Civilian noninstitutional population	17,202	17,926	11,761	12,202	5,441	5,724	5,047	5,010	243	178	4,804	4,832
Civilian labor force	10,855	11,410	7,676	7,949	3,759	3,961	3,002	3,016	131	96	2,871	2,920
Percent of population	63.0	63.7	60.2	61.0	69.1	69.2	59.5	60.2	54.1	53.8	59.8	60.4
Employed	9,259	9,409	6,932	6,926	3,307	3,383	2,581	2,444	118	82	2,463	2,362
Unemployed	1,596	2,000	1,165	1,423	431	577	422	573	13	14	409	559
Unemployment rate	14.7	17.5	15.2	17.9	11.5	14.6	14.0	19.0	9.9	14.9	14.2	19.1
Not in labor force	6,347	6,516	4,085	4,254	1,682	1,762	2,045	1,994	111	82	1,934	1,912

A-70. Employment status of the noninstitutional population in poverty and nonpoverty areas by race

(Number in thousands)

Employment status and race	Total United States				Metropolitan areas				Nonmetropolitan areas			
	Poverty areas		Nonpoverty areas		Poverty areas		Nonpoverty areas		Poverty areas		Nonpoverty areas	
	III 1981	III 1982	III 1981	III 1982	III 1981	III 1982	III 1981	III 1982	III 1981	III 1982	III 1981	III 1982
TOTAL												
Civilian noninstitutional population	30,284	30,480	140,128	142,042	11,474	11,586	104,471	106,261	18,811	18,894	35,657	35,781
Civilian labor force	17,294	17,455	92,410	94,198	6,309	6,452	69,312	71,004	10,985	11,003	23,099	23,194
Percent of population	57.1	57.3	65.9	66.3	55.0	55.7	66.3	66.8	58.4	58.2	64.8	64.8
Employed	15,501	15,118	86,216	85,721	5,416	5,311	64,711	64,700	10,085	9,807	21,506	21,022
Unemployed	1,793	2,337	6,194	8,476	893	1,141	4,601	6,304	900	1,196	1,593	2,172
Unemployment rate	10.4	13.4	6.7	9.0	14.2	17.7	6.6	8.9	8.2	10.9	6.9	9.4
Not in labor force	12,991	13,025	47,718	47,844	5,165	5,134	35,159	35,257	7,826	7,890	12,558	12,587
White												
Civilian noninstitutional population	21,241	21,594	126,922	127,992	5,852	6,003	92,891	93,919	15,389	15,591	34,031	34,073
Civilian labor force	12,438	12,621	83,430	84,606	3,355	3,482	61,431	62,564	9,082	9,139	21,999	22,042
Percent of population	58.6	58.4	65.7	66.1	57.3	58.0	66.1	66.6	59.0	58.6	64.6	64.7
Employed	11,532	11,340	78,366	77,646	3,062	3,030	57,827	57,571	8,470	8,310	20,539	20,075
Unemployed	906	1,280	5,064	6,960	294	452	3,604	4,993	612	829	1,460	1,967
Unemployment rate	7.3	10.1	6.1	8.2	8.8	13.0	5.9	8.0	6.7	9.1	6.6	8.9
Not in labor force	8,804	8,973	43,493	43,386	2,497	2,521	31,460	31,355	6,307	6,453	12,032	12,031
Black and other												
Civilian noninstitutional population	9,043	8,886	13,206	14,050	5,622	5,583	11,580	12,342	3,421	3,302	1,626	1,708
Civilian labor force	4,856	4,834	8,981	9,592	2,954	2,970	7,881	8,440	1,903	1,865	1,100	1,152
Percent of population	53.7	54.4	68.0	68.3	52.5	53.2	68.1	68.4	55.6	56.5	67.6	67.4
Employed	3,969	3,778	7,851	8,075	2,355	2,281	6,884	7,129	1,615	1,497	966	947
Unemployed	887	1,057	1,130	1,516	599	689	997	1,311	288	368	133	205
Unemployment rate	18.3	21.9	12.6	15.8	20.3	23.2	12.6	15.5	15.1	19.7	12.1	17.8
Not in labor force	4,187	4,051	4,225	4,459	2,668	2,614	3,699	3,902	1,519	1,437	526	556

A-71. Unemployment rates in poverty and nonpoverty areas by race, sex, and age

Race, sex, and age	Total United States				Metropolitan areas				Nonmetropolitan areas			
	Poverty areas		Nonpoverty areas		Poverty areas		Nonpoverty areas		Poverty areas		Nonpoverty areas	
	III 1981	III 1982	III 1981	III 1982	III 1981	III 1982	III 1981	III 1982	III 1981	III 1982	III 1981	III 1982
TOTAL												
Both sexes, 16 years and over	10.4	13.4	6.7	9.0	14.2	17.7	6.6	8.9	8.2	10.9	6.9	9.4
Males, 20 years and over	8.1	11.1	5.1	7.8	11.7	16.6	5.1	7.7	6.1	9.0	5.1	8.1
Females, 20 years and over	10.1	12.0	6.5	8.1	13.4	14.7	6.4	7.9	8.1	10.2	7.0	8.6
Both sexes, 16-19 years	24.2	29.5	14.7	20.6	31.7	37.7	16.9	20.7	20.3	24.7	16.1	20.3
White												
Both sexes, 16 years and over	7.3	10.1	6.1	8.2	8.8	13.0	5.9	8.0	6.7	9.1	6.6	8.9
Males, 20 years and over	5.8	8.9	4.6	7.2	7.5	11.8	4.5	7.0	5.1	7.8	4.9	7.8
Females, 20 years and over	6.5	9.2	5.9	7.4	8.0	11.5	5.6	7.2	6.5	8.4	6.7	8.0
Both sexes, 16-19 years	18.2	21.8	15.1	18.5	21.9	27.6	14.9	18.1	17.0	19.8	15.9	19.4
Black and other												
Both sexes, 16 years and over	18.3	21.9	12.6	15.8	20.3	23.2	12.6	15.5	15.1	19.7	12.1	17.8
Males, 20 years and over	15.4	20.3	10.0	13.9	17.8	23.4	10.2	13.9	11.7	15.7	8.6	14.4
Females, 20 years and over	16.7	17.9	11.5	13.4	18.3	17.8	11.4	12.9	14.2	18.2	12.2	17.5
Both sexes, 16-19 years	38.1	47.1	35.2	40.6	40.0	47.9	36.4	42.1	35.1	45.9	28.7	33.5

A-72. Unemployment in families by type of family, race, Hispanic origin, and presence of employed family members

(Numbers in thousands)

Type of family, race, and Hispanic origin	III 1981					III 1982				
		With unemployment					With unemployment			
			Percent of families				Percent of families			
	Total families	Total	With no employed person in family	With at least one employed person in family	With at least one person in family employed full time	Total families	Total	With no employed person in family	With at least one employed person in family	With at least one person in family employed full time
TOTAL										
Total families	61,139	6,173	27.2	72.8	65.0	61,889	8,141	29.3	70.7	61.2
With children under 18 years of age	31,097	3,836	28.3	71.7	64.0	31,202	5,014	31.5	68.5	59.1
Married couple families	49,360	4,430	18.8	81.2	74.1	49,915	6,076	22.5	77.5	68.3
With children under 18 years of age	24,509	2,793	17.5	82.5	75.3	24,587	3,836	23.0	77.0	67.5
Families maintained by females	9,364	1,434	50.7	49.3	39.0	9,607	1,701	51.5	48.5	38.0
With children under 18 years of age	5,725	934	58.7	41.3	32.0	5,775	1,055	60.5	39.5	29.5
Families maintained by males	2,415	309	39.0	61.0	54.2	2,367	365	39.3	60.7	51.1
With children under 18 years of age	862	109	43.5	56.5	50.0	841	123	48.8	51.2	48.0
White										
Total families	53,250	4,688	24.4	75.6	68.0	53,786	6,313	27.0	73.0	63.6
With children under 18 years of age	26,290	2,863	24.3	75.7	67.9	26,241	3,829	28.7	71.3	61.5
Married couple families	44,837	3,678	18.4	81.6	74.6	45,209	5,042	22.3	77.7	68.4
With children under 18 years of age	21,830	2,280	16.9	83.1	75.9	21,801	3,151	22.8	77.2	67.4
Families maintained by females	6,447	790	47.9	52.1	40.8	6,676	1,004	48.0	52.0	41.3
With children under 18 years of age	3,742	496	55.2	44.8	33.9	3,767	584	57.7	42.3	31.0
Families maintained by males	1,967	220	39.1	60.9	55.0	1,901	267	36.8	63.2	55.3
With children under 18 years of age	718	87	42.5	57.5	50.6	674	94	46.8	53.2	51.1
Black										
Total families	6,602	1,332	37.1	62.9	54.5	6,743	1,595	37.6	62.4	52.7
With children under 18 years of age	3,998	879	40.7	59.3	52.0	4,105	1,027	41.1	58.9	50.6
Married couple families	3,533	638	20.7	79.3	71.5	3,624	850	22.0	78.0	69.1
With children under 18 years of age	2,029	441	20.1	79.9	72.6	2,075	552	22.1	77.9	69.8
Families maintained by females	2,706	615	53.9	46.1	37.2	2,725	659	56.4	43.6	33.4
With children under 18 years of age	1,849	417	62.0	38.0	30.6	1,885	448	63.9	36.1	27.4
Families maintained by males	363	79	38.0	62.0	51.9	394	86	46.5	53.5	39.5
With children under 18 years of age	119	20	(1)	(1)	(1)	146	26	(1)	(1)	(1)
Hispanic origin										
Total families	3,430	484	31.7	68.3	61.1	3,449	648	32.9	67.1	57.3
With children under 18 years of age	2,309	334	34.0	66.0	60.0	2,309	454	36.6	63.4	55.8
Married couple families	2,549	329	24.3	75.7	71.1	2,570	479	27.3	72.7	63.5
With children under 18 years of age	1,731	246	22.8	77.2	73.2	1,740	359	29.5	70.5	62.7
Families maintained by females	691	120	52.9	47.1	33.6	719	191	55.0	45.0	32.8
With children under 18 years of age	511	78	64.6	35.4	25.3	512	83	66.3	33.7	24.1
Families maintained by males	191	35	(1)	(1)	(1)	161	38	(1)	(1)	(1)
With children under 18 years of age	67	10	(1)	(1)	(1)	57	12	(1)	(1)	(1)

[1] Percent not shown where base is less than 60,000

A-73. Unemployed persons by family relationship, race, Hispanic origin, and presence of employed family members

(Numbers in thousands)

Family relationship, race, and Hispanic origin	III 1981				III 1982			
	Total	Percent of unemployed			Total	Percent of unemployed		
		With no employed persons in family	With at least one employed person in family	With at least one person in family employed full time		With no employed persons in family	With at least one employed person in family	With at least one person in family employed full time
TOTAL								
Total unemployed	7,987	19.0	61.0	54.3	10,811	41.3	58.7	50.6
In families	6,850	28.9	71.1	63.3	9,322	31.9	68.1	58.7
Husbands	1,432	43.8	56.2	43.9	2,428	45.3	54.7	41.0
With children under 18 years of age	902	46.3	53.7	40.5	1,580	50.5	49.5	34.6
Wives	1,458	14.7	85.3	80.4	1,900	20.4	79.6	72.3
With children under 18 years of age	913	12.3	87.7	82.6	1,239	18.2	81.8	74.8
Relatives in married-couple families	1,965	8.7	91.3	86.3	2,594	10.9	89.1	83.0
Females who maintain families	600	81.4	18.6	10.5	713	84.0	16.0	9.2
With children under 18 years of age	503	87.0	13.0	5.9	598	89.6	10.4	4.7
Relatives in families maintained by females	1,055	32.4	67.6	56.4	1,249	33.8	66.2	53.9
Males who maintain families	119	64.0	36.0	30.8	150	65.8	34.2	20.3
With children under 18 years of age	48	(2)	(2)	(2)	58	(2)	(2)	(2)
Relatives in families maintained by males	220	27.4	72.6	65.5	287	29.5	70.5	60.7
Not in families[1]	1,137	--	--	--	1,491	--	--	--
White								
Total unemployed	5,970	16.8	63.2	56.8	8,241	39.4	60.6	52.5
In families	5,102	26.0	74.0	66.4	7,081	29.5	70.5	61.1
Husbands	1,169	43.7	56.3	43.1	2,023	45.2	54.8	40.4
With children under 18 years of age	715	46.3	53.7	39.2	1,292	50.3	49.7	33.6
Wives	1,221	13.3	86.7	81.9	1,591	19.0	81.0	74.3
With children under 18 years of age	747	10.1	89.9	85.0	1,025	16.7	83.3	76.6
Relatives in married-couple families	1,611	8.1	91.9	87.8	2,048	10.2	89.8	83.9
Females who maintain families	332	78.0	22.0	11.7	412	79.2	20.8	11.6
With children under 18 years of age	269	83.8	16.2	6.6	337	86.7	13.3	5.4
Relatives in families maintained by females	533	30.8	69.2	57.9	705	31.0	69.0	57.4
Males who maintain families	87	66.2	33.8	30.2	102	69.8	30.2	20.2
With children under 18 years of age	38	(2)	(2)	(2)	43	(2)	(2)	(2)
Relatives in families maintained by males	149	28.7	71.3	65.6	201	24.3	75.7	68.0
Not in families[1]	868	--	--	--	1,160	--	--	--
Black								
Total unemployed	1,803	46.3	53.7	46.3	2,249	47.7	52.3	43.9
In families	1,564	38.1	61.9	53.3	1,957	39.9	60.1	50.5
Husbands	227	44.2	55.8	48.2	322	43.0	57.0	47.1
With children under 18 years of age	164	46.0	54.0	46.9	224	47.3	52.7	43.1
Wives	192	23.6	76.4	71.2	252	28.0	72.0	61.7
With children under 18 years of age	138	23.5	76.5	69.7	171	25.4	74.6	64.3
Relatives in married-couple families	299	10.9	89.1	79.2	455	12.3	87.7	80.2
Females who maintain families	252	85.3	14.7	9.3	291	91.1	8.9	5.9
With children under 18 years of age	220	90.6	9.4	5.5	254	93.8	6.2	3.8
Relatives in families maintained by females	506	33.9	66.1	55.3	519	36.9	63.1	49.6
Males who maintain families	26	(2)	(2)	(2)	42	(2)	(2)	(2)
With children under 18 years of age	9	(2)	(2)	(2)	14	(2)	(2)	(2)
Relatives in families maintained by males	63	21.8	78.2	67.1	76	43.5	56.5	45.5
Not in families[1]	239	--	--	--	292	--	--	--
Hispanic origin								
Total unemployed	592	40.4	59.6	54.7	869	41.8	58.2	49.1
In families	527	33.1	66.9	59.7	776	36.7	63.3	55.2
Husbands	127	52.2	47.8	40.9	206	51.2	48.8	39.9
With children under 18 years of age	96	52.7	47.3	40.0	168	56.2	43.8	37.9
Wives	100	13.8	86.2	78.5	140	19.1	80.9	70.8
With children under 18 years of age	72	11.8	88.2	81.6	102	21.0	79.0	70.8
Relatives in married-couple families	124	7.6	92.4	92.2	239	15.9	84.1	75.0
Females who maintain families	46	(2)	(2)	(2)	52	(2)	(2)	(2)
With children under 18 years of age	36	(2)	(2)	(2)	45	(2)	(2)	(2)
Relatives in families maintained by females	90	38.9	61.2	47.5	106	42.0	58.0	41.8
Males who maintain families	18	(2)	(2)	(2)	11	(2)	(2)	(2)
With children under 18 years of age	7	(2)	(2)	(2)	5	(2)	(2)	(2)
Relatives in families maintained by males	22	(2)	(2)	(2)	27	(2)	(2)	(2)
Not in families[1]	65	--	--	--	93	--	--	--

[1] The majority of these persons are living alone or with nonrelatives. Also included are persons in married-couple families where the husband is in the Armed Forces, persons in secondary families, and some whose status is unknown.

[2] Percent not shown where base is less than 60,000.

HOUSEHOLD DATA
QUARTERLY AVERAGES

A-74. Employed persons by family relationship, race, Hispanic origin, and presence of additional employed family members

(Numbers in thousands)

Family relationship, race, and Hispanic origin	III 1981				III 1982			
	Total	Percent of employed			Total	Percent of employed		
		With no other employed person in family	With another employed person in family	With another person in family employed full time		With no other employed person in family	With another employed person in family	With another person in family employed full time
TOTAL								
Total employed	101,717	37.4	62.6	53.9	100,839	37.9	62.1	52.6
In families	86,067	26.0	74.0	63.7	85,364	26.6	73.4	62.1
Husbands	38,250	37.1	62.9	46.9	37,549	37.0	63.0	45.9
With children under 18 years of age	22,512	39.8	60.2	41.7	21,952	40.0	60.0	40.5
Wives	23,170	9.1	90.9	86.5	23,559	10.6	89.4	83.7
With children under 18 years of age	12,350	5.1	94.7	91.2	12,515	7.1	92.9	87.9
Relatives in married-couple families	12,895	5.5	94.5	90.9	12,509	6.4	93.6	89.1
Females who maintain families	4,941	65.3	34.7	24.0	5,132	64.8	35.2	23.5
With children under 18 years of age	3,309	77.3	22.7	12.8	3,331	77.3	22.7	11.8
Relatives in families maintained by females	1,777	27.0	73.0	62.7	1,879	26.3	73.7	61.9
Males who maintain families	1,707	54.0	46.0	34.6	1,634	58.0	42.0	32.1
With children under 18 years of age	740	66.4	33.6	20.1	696	74.1	25.7	16.4
Relatives in families maintained by males	1,127	16.3	83.7	77.8	1,198	18.3	81.7	71.9
Not in families[1]	15,650	--	--	--	15,475	--	--	--
White								
Total employed	89,888	36.9	63.1	54.2	88,986	37.4	62.6	52.9
In families	76,238	25.8	74.4	63.9	75,416	26.1	73.9	62.4
Husbands	34,898	37.6	62.4	45.9	34,161	37.4	62.6	45.0
With children under 18 years of age	20,259	40.6	59.4	40.1	19,681	40.7	59.3	39.0
Wives	20,735	8.6	91.4	87.0	21,036	10.2	89.8	84.3
With children under 18 years of age	10,809	4.7	95.3	91.9	10,910	6.6	93.4	88.7
Relatives in married-couple families	11,703	5.3	94.7	91.3	11,215	6.4	93.6	89.4
Females who maintain families	3,384	61.4	38.6	24.8	3,740	61.9	38.1	25.4
With children under 18 years of age	2,374	76.0	24.0	12.9	2,370	75.3	24.7	12.6
Relatives in families maintained by females	2,816	37.2	72.8	62.6	2,952	26.0	74.0	62.6
Males who maintain families	1,425	53.7	46.3	34.2	1,361	57.7	42.3	31.9
With children under 18 years of age	634	64.7	35.3	20.8	575	71.5	28.5	16.9
Relatives in families maintained by males	1,028	15.3	84.7	78.9	952	16.8	83.2	72.8
Not in families[1]	13,650	--	--	--	13,570	--	--	--
Black								
Total employed	9,451	41.2	58.8	48.6	9,362	43.4	56.6	48.2
In families	7,800	31.2	68.8	60.2	7,833	32.4	67.6	57.6
Husbands	2,945	31.2	68.8	57.8	2,550	32.0	68.0	56.4
With children under 18 years of age	1,679	31.0	69.0	58.6	1,671	32.6	67.4	55.7
Wives	1,852	14.9	85.1	79.1	1,819	15.7	84.3	76.1
With children under 18 years of age	1,170	11.0	89.0	83.6	1,199	12.1	87.9	80.6
Relatives in married-couple families	821	7.8	92.2	88.7	829	6.8	93.2	84.5
Females who maintain families	1,245	71.4	28.6	21.3	1,279	73.6	26.4	17.6
With children under 18 years of age	869	81.2	18.8	12.0	886	82.6	17.4	9.5
Relatives in families maintained by females	874	37.3	62.7	61.8	834	27.7	72.3	58.9
Males who maintain families	229	55.4	44.6	35.3	228	60.9	39.1	31.6
With children under 18 years of age	88	77.4	22.6	14.7	106	76.5	23.5	14.9
Relatives in families maintained by males	184	22.3	77.7	71.0	196	27.0	73.0	65.7
Not in families[1]	1,651	--	--	--	1,529	--	--	--
Hispanic origin								
Total employed	5,454	38.2	61.8	54.1	5,232	40.4	59.6	50.8
In families	4,740	28.7	71.3	62.4	4,521	30.9	69.1	58.9
Husbands	2,090	41.9	58.1	47.0	2,011	43.8	56.2	43.1
With children under 18 years of age	1,312	44.7	55.3	43.5	1,439	46.3	53.7	40.2
Wives	1,092	8.4	91.6	85.1	1,087	10.8	89.2	82.5
With children under 18 years of age	744	6.7	93.3	87.6	749	9.7	90.3	84.1
Relatives in married-couple families	758	5.7	94.3	89.5	617	8.0	92.0	85.1
Females who maintain families	285	68.8	31.2	22.6	311	65.9	34.1	24.7
With children under 18 years of age	203	80.0	20.0	12.3	204	80.8	19.2	11.4
Relatives in families maintained by females	230	26.1	73.7	65.8	272	24.7	75.3	61.6
Males who maintain families	145	50.8	49.2	35.1	116	54.8	45.2	37.1
With children under 18 years of age	51	(2)	(2)	(2)	43	(2)	(2)	(2)
Relatives in families maintained by males	130	11.5	88.5	78.8	97	11.0	89.0	78.3
Not in families[1]	714	--	--	--	711	--	--	--

[1] The majority of these persons are living alone or with nonrelatives. Also included are persons in married-couple families where the husband is in the Armed Forces, persons in secondary families, and some whose status is unknown.

[2] Percent not shown where base is less than 60,000.

A-75. Median weekly earnings of families by type of family, number of earners, race, and Hispanic origin

Type of family, number of earners, race, and Hispanic origin	Number of families (in thousands)		Median weekly earnings			
					Percent change over the year in:	
	II 1981	II 1982	II 1981	II 1982	Current dollars	Constant dollars
TOTAL						
Total families with earners[1]	41,682	40,931	$431	$455	5.7	-0.8
Married-couple families	33,999	33,235	467	500	7.2	.6
One earner	14,605	14,490	332	345	4.0	-2.5
Husband	11,963	11,426	371	393	6.1	-.5
Wife	2,048	2,604	178	201	12.6	5.6
Other family member	593	660	183	190	4.3	-2.2
Two or more earners	19,395	18,746	576	618	7.4	.8
Husband and wife	16,543	15,930	578	622	7.6	1.0
Husband and other family member(s)	2,264	2,235	600	646	7.6	1.0
Wife and other family member(s)	446	446	369	375	1.8	-4.5
Other family members only	142	134	417	396	-5.1	-11.0
Families maintained by females	5,865	5,891	241	253	5.0	-1.5
One earner	4,185	4,185	199	207	4.0	-2.4
Householder	3,337	3,328	202	214	5.5	-1.0
Other family member	848	857	184	185	.5	-5.7
Two or more earners	1,680	1,706	393	417	6.1	-.2
Families maintained by males	1,817	1,805	374	419	11.9	5.0
One earner	1,154	1,098	310	346	11.5	4.6
Two or more earners	662	707	529	556	5.1	-1.4
White						
Total families with earners[1]	36,253	35,523	442	471	6.6	.0
Married-couple families	30,474	29,709	473	507	7.3	.7
One earner	13,236	13,039	342	355	4.0	-2.4
Husband	10,970	10,422	378	401	6.2	-.4
Wife	1,747	2,028	178	200	12.1	5.2
Two or more earners	17,238	16,670	583	624	7.1	.5
Husband and wife	14,666	14,079	586	628	7.2	.6
Families maintained by females	4,284	4,384	250	269	5.5	-1.0
Families maintained by males	1,495	1,469	392	433	10.4	3.6
Black						
Total families with earners[1]	4,507	4,475	321	349	7.2	.6
Married-couple families	2,786	2,747	399	418	4.7	-1.7
One earner	1,086	1,137	228	248	8.6	1.9
Husband	779	759	252	289	14.4	7.3
Wife	249	322	174	207	18.7	11.4
Two or more earners	1,700	1,610	510	551	7.9	1.2
Husband and wife	1,486	1,448	512	560	9.4	2.6
Families maintained by females	1,445	1,496	211	219	3.9	-2.5
Families maintained by males	277	282	299	377	26.2	18.4
Hispanic origin						
Total families with earners[1]	2,522	2,406	362	374	3.3	-3.1
Married-couple families	1,983	1,905	396	404	2.0	-4.3
One earner	965	867	262	266	1.5	-4.8
Husband	822	740	294	286	-2.6	-8.6
Wife	82	88	(2)	(2)	--	--
Two or more earners	1,038	1,038	489	527	7.9	1.2
Husband and wife	845	825	501	529	5.6	-1.0
Families maintained by females	366	352	198	247	25.2	17.5
Families maintained by males	173	150	334	387	15.7	8.6

[1] Data exclude families in which there is no wage or salary earner or in which the husband, wife, or other person maintaining the family is either self-employed or in the Armed Forces.

[2] Median not shown where base is less than 100,000.

NOTE: The Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W) is used to deflate these earnings data. Because the index for the most recent quarter is not available at the time *Employment and Earnings* is published, it is necessary to lag the publication of these tables by 1 quarter.

A-76. Families with unemployed members and wage and salary workers by type of family and median weekly earnings

Type of family and relationship of unemployed members to wage and salary earners	Number of families (in thousands)		Median weekly earnings			
					Percent change over the year in:	
	II 1981	II 1982	II 1981	II 1982	Current dollars	Constant dollars
Married-couple families[1]	3,254	3,978	$342	$354	3.4	-3.0
Husband unemployed	849	1,214	184	207	12.3	5.4
Wife only earner	648	934	173	196	13.6	6.5
Wife and other earner(s)	118	192	352	378	7.2	.6
Other earner(s) only	84	139	(2)	170	--	--
Wife unemployed	1,028	1,233	$314	351	11.7	4.8
Husband only earner	883	1,040	296	327	11.2	4.3
Husband and other earner(s)	124	178	602	639	6.2	-.9
Other earner(s) only	21	16	(2)	(2)	--	--
Other member(s) unemployed	1,378	1,530	518	548	5.7	-.9
Husband or wife earner	644	639	410	438	6.9	.3
Both husband and wife earners	689	841	633	624	-1.4	-7.5
Other combinations of earners	45	50	(2)	(2)	--	--
Families maintained by females[1]	633	742	221	234	5.8	-.7
Householder unemployed	67	89	(2)	(2)	--	--
Other member(s) unemployed	571	653	$225	$250	10.9	4.1
Families maintained by males[1]	200	224	303	312	2.7	-3.7

[1] Data exclude families in which there is no wage or salary earner or in which the husband, wife, or other person maintaining the family is either self-employed or in the Armed Forces.

[2] Median not shown where base is less than 100,000.

A-77. Median weekly earnings of full-time wage and salary workers by selected characteristics

Characteristic	Number of workers (in thousands)		Median weekly earnings			
					Percent change over the year in :	
	II 1981	II 1982	II 1981	II 1982	Current dollars	Constant dollars
SEX AND AGE						
Total, 16 years and over	72,709	70,653	$284	$308	8.3	1.6
Males, 16 years and over	44,277	42,635	341	370	7.9	1.2
16 to 24 years	7,756	6,916	225	234	4.0	-2.5
25 years and over	36,521	35,719	373	402	7.7	1.0
Females, 16 years and over	28,433	28,018	221	240	8.7	2.0
16 to 24 years	5,969	5,445	181	196	8.0	1.3
25 years and over	22,464	22,573	234	254	8.6	1.9
FAMILY RELATIONSHIP						
Husbands	30,404	29,150	378	405	7.1	-.9
Wives	14,662	14,543	226	247	8.9	2.2
Others in married couple families	6,580	6,025	194	211	8.7	2.0
Females who maintain families	4,001	4,002	226	241	6.6	-.0
Others in such families	2,294	2,319	203	213	4.9	-1.5
Males who maintain families	1,493	1,447	343	377	10.0	3.2
Others in such families	868	918	200	232	15.9	8.8
All other males[1]	6,704	6,532	314	346	10.2	3.4
All other females[1]	5,722	5,717	238	262	10.1	3.3
RACE AND HISPANIC ORIGIN						
White	63,477	61,581	292	316	8.1	1.4
Males	39,246	37,778	352	380	8.0	1.4
Females	24,231	23,803	223	243	8.7	2.0
Black	7,486	7,323	233	248	6.6	-.0
Males	4,049	3,888	264	290	9.7	2.9
Females	3,437	3,436	206	221	7.4	.8
Hispanic origin	4,254	4,038	230	248	7.6	1.0
Males	2,730	2,560	257	276	7.6	1.0
Females	1,524	1,477	189	209	10.7	3.8

[1] The majority of these persons are living alone or with nonrelatives. Also included are persons in some whose family status is unknown. married-couple families where the husband is in the Armed Forces, persons in secondary families, and

A-78. Median weekly earnings of part-time wage and salary workers by selected characteristics

Characteristic	Number of workers (in thousands)		Median weekly earnings			
	II 1981	II 1982	II 1981	II 1982	Percent change over the year in: Current dollars	Constant dollars
SEX AND AGE						
Total, 16 years and over	16,333	16,943	$80	$83	3.9	-2.5
Males, 16 years and over	5,031	5,301	76	80	4.5	-1.9
16 to 24 years	3,159	3,263	67	67	.0	-6.4
25 years and over	1,872	2,038	102	107	4.9	-1.5
Females, 16 years and over	11,302	11,642	82	86	6.0	-.6
16 to 24 years	3,847	3,975	66	68	2.9	-3.4
25 years and over	7,455	7,667	92	100	9.2	2.5
FAMILY RELATIONSHIP						
Husbands	1,316	1,454	101	103	2.3	-4.0
Wives	6,088	6,119	93	101	9.3	2.5
Others in married-couple families	4,654	4,768	65	65	.0	-6.2
Females who maintain families	848	839	90	99	9.6	2.9
Others in such families	1,028	1,228	66	68	3.4	-3.0
Males who maintain families	86	83	(2)	(2)	--	--
Others in such families	318	345	66	76	14.5	7.4
All other males[1]	675	708	103	103	-.3	-6.5
All other females[1]	1,319	1,400	84	93	10.9	4.1
RACE AND HISPANIC ORIGIN						
White	14,893	15,182	80	83	4.2	-2.3
Males	4,391	4,662	75	79	5.3	-1.2
Females	10,102	10,520	81	86	6.0	-.5
Black	1,512	1,395	82	83	.8	-5.4
Males	517	467	80	83	-.5	-6.7
Females	996	927	82	84	.9	-5.3
Hispanic origin	748	781	84	86	2.2	-4.1
Males	273	288	81	83	2.3	-4.1
Females	474	493	88	89	1.5	-4.7

[1] The majority of these persons are living alone or with nonrelatives. Also included are persons in married-couple families where the husband is in the Armed Forces, persons in secondary families, and some whose family status is unknown.

[2] Median not shown where base is less than 100,000.

A-79. Median weekly earnings of full-time wage and salary workers by occupation and sex

Occupation and sex	Number of workers (in thousands)		Median weekly earnings			
	II 1981	II 1982	II 1981	II 1982	Percent change over the year in:	
					Current dollars	Constant dollars
TOTAL						
Professional and technical workers	12,663	12,901	$368	$411	11.8	4.9
Managers and administrators, except farm	7,773	7,807	407	436	7.0	.4
Sales workers	3,655	3,695	300	326	8.5	1.8
Clerical workers	14,086	13,811	230	247	7.4	.8
Craft and kindred workers	10,992	10,285	347	370	6.8	.2
Operatives, except transport	9,271	8,421	242	252	4.2	-2.2
Transport equipment operatives	2,850	2,688	298	325	8.9	2.2
Nonfarm laborers	3,284	3,035	236	250	5.9	-.6
Service workers	7,336	7,268	189	201	6.6	.1
Farm workers	799	746	179	189	5.6	-.9
Males						
Professional and technical workers	7,313	7,516	431	489	13.5	6.5
Managers and administrators, except farm	5,567	5,516	457	520	13.8	6.7
Sales workers	2,474	2,443	350	397	13.6	6.6
Clerical workers	3,027	2,911	327	337	3.0	-3.3
Craft and kindred workers	10,424	9,665	353	380	7.8	1.1
Operatives, except transport	5,669	5,085	303	310	2.4	-3.9
Transport equipment operatives	2,711	2,548	301	330	9.8	3.0
Nonfarm laborers	2,960	2,725	241	256	6.2	-.4
Service workers	3,433	3,448	233	247	5.8	-.7
Farm workers	699	677	183	191	4.4	-2.0
Females						
Professional and technical workers	5,351	5,385	309	338	9.6	2.9
Managers and administrators, except farm	2,206	2,291	272	310	14.0	7.0
Sales workers	1,181	1,251	188	222	17.7	10.4
Clerical workers	11,059	10,800	217	236	8.4	1.7
Craft and kindred workers	567	620	228	232	1.7	-4.6
Operatives, except transport	3,602	3,336	187	197	5.3	-1.2
Transport equipment operatives	139	137	262	233	-11.0	-16.5
Nonfarm laborers	324	309	201	208	3.8	-2.6
Service workers	3,903	3,820	164	174	6.4	-.2
Farm workers	100	69	156	(1)	—	—

[1] Median not shown where base is less than 100,000.

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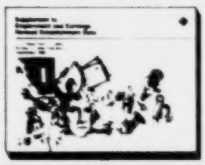

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B-1. Employees on nonagricultural payrolls by industry division, 1930 to date

(In thousands)

Year and month	Total	Goods-producing				Service-producing									
		Total	Mining	Construction	Manufacturing	Total	Transportation and public utilities	Wholesale and retail trade			Finance, insurance, and real estate	Services	Government		
								Total	Wholesale trade	Retail trade			Total	Federal	State and local
Annual averages															
1930	29,409	11,958	1,009	1,387	9,562	17,451	3,685	5,797	–	–	1,460	3,361	3,148	526	2,622
1931	26,635	10,272	873	1,229	8,170	16,363	3,254	5,284	–	–	1,392	3,169	3,264	560	2,704
1932	23,615	8,647	731	985	6,931	14,968	2,816	4,683	–	–	1,326	2,918	3,225	559	2,666
1933	23,699	8,965	744	824	7,397	14,734	2,672	4,755	–	–	1,280	2,861	3,166	565	2,601
1934	25,940	10,261	883	877	8,501	15,679	2,750	5,281	–	–	1,304	3,045	3,299	652	2,647
1935	27,039	10,893	897	927	9,069	16,146	2,786	5,431	–	–	1,320	3,128	3,481	753	2,728
1936	29,068	11,933	946	1,160	9,827	17,135	2,973	5,809	–	–	1,373	3,312	3,668	826	2,842
1937	31,011	12,936	1,015	1,127	10,794	18,075	3,134	6,265	–	–	1,417	3,503	3,756	833	2,923
1938	29,194	11,401	891	1,070	9,440	17,793	2,863	6,179	–	–	1,410	3,458	3,883	829	3,054
1939	30,603	12,297	854	1,165	10,278	18,306	2,936	6,426	1,762	4,664	1,447	3,502	3,995	905	3,090
1940	32,361	13,221	925	1,311	10,985	19,140	3,038	6,750	1,835	4,914	1,485	3,665	4,202	996	3,206
1941	36,539	15,963	957	1,814	13,192	20,574	3,274	7,210	1,960	5,251	1,525	3,905	4,660	1,340	3,320
1942	40,106	18,470	992	2,198	15,280	21,636	3,460	7,118	1,906	5,212	1,509	4,066	5,483	2,213	3,270
1943	42,434	20,114	925	1,587	17,602	22,320	3,647	6,982	1,822	5,160	1,481	4,130	6,080	2,905	3,175
1944	41,864	19,328	892	1,108	17,328	22,536	3,829	7,058	1,845	5,214	1,461	4,145	6,043	2,928	3,116
1945	40,374	17,507	836	1,147	15,524	22,867	3,906	7,314	1,949	5,365	1,481	4,222	5,944	2,808	3,137
1946	41,652	17,248	862	1,683	14,703	24,404	4,061	8,376	2,291	6,084	1,675	4,697	5,595	2,254	3,341
1947	43,857	18,509	955	2,009	15,545	25,348	4,166	8,955	2,471	6,485	1,728	5,025	5,474	1,892	3,582
1948	44,866	18,774	994	2,198	15,582	26,092	4,189	9,272	2,605	6,667	1,800	5,181	5,650	1,863	3,787
1949	43,754	17,565	930	2,194	14,441	26,189	4,001	9,264	2,602	6,662	1,828	5,240	5,856	1,908	3,948
1950	45,197	18,506	901	2,364	15,241	26,691	4,034	9,386	2,635	6,751	1,888	5,357	6,026	1,928	4,098
1951	47,819	19,959	929	2,637	16,393	27,860	4,226	9,742	2,727	7,015	1,956	5,547	6,389	2,302	4,087
1952	48,793	20,198	898	2,668	16,632	28,595	4,248	10,004	2,812	7,192	2,035	5,699	6,609	2,420	4,188
1953	50,202	21,074	866	2,659	17,549	29,128	4,290	10,247	2,854	7,393	2,111	5,835	6,645	2,305	4,340
1954	48,990	19,751	791	2,646	16,314	29,239	4,084	10,235	2,867	7,368	2,200	5,969	6,751	2,188	4,563
1955	50,641	20,513	792	2,839	16,882	30,128	4,141	10,535	2,926	7,610	2,298	6,240	6,914	2,187	4,727
1956	52,369	21,104	822	3,039	17,243	31,266	4,244	10,858	3,018	7,840	2,389	6,497	7,278	2,209	5,069
1957	52,853	20,964	828	2,962	17,174	31,889	4,241	10,886	3,028	7,858	2,438	6,708	7,616	2,217	5,399
1958	51,324	19,513	751	2,817	15,945	31,811	3,976	10,750	2,980	7,770	2,481	6,765	7,839	2,191	5,648
1959[1]	53,268	20,411	732	3,004	16,675	32,857	4,011	11,127	3,082	8,045	2,549	7,087	8,083	2,233	5,850
1960	54,189	20,434	712	2,926	16,796	33,755	4,004	11,391	3,143	8,248	2,629	7,378	8,353	2,270	6,083
1961	53,999	19,857	672	2,859	16,326	34,142	3,903	11,337	3,133	8,204	2,688	7,620	8,594	2,279	6,315
1962	55,549	20,451	650	2,948	16,853	35,098	3,906	11,566	3,198	8,368	2,754	7,982	8,890	2,340	6,550
1963	56,653	20,640	635	3,010	16,995	36,013	3,903	11,778	3,248	8,530	2,830	8,277	9,225	2,358	6,868
1964	58,283	21,005	634	3,097	17,274	37,278	3,951	12,160	3,337	8,823	2,911	8,660	9,596	2,348	7,248
1965	60,765	21,926	632	3,232	18,062	38,839	4,036	12,716	3,466	9,250	2,977	9,036	10,074	2,378	7,696
1966	63,901	23,158	627	3,317	19,214	40,743	4,158	13,245	3,597	9,648	3,058	9,498	10,784	2,564	8,220
1967	65,803	23,308	613	3,248	19,447	42,495	4,268	13,606	3,689	9,917	3,185	10,045	11,391	2,719	8,672
1968	67,897	23,737	606	3,350	19,781	44,160	4,318	14,099	3,779	10,320	3,337	10,567	11,839	2,737	9,102
1969	70,384	24,361	619	3,575	20,167	46,023	4,442	14,705	3,907	10,798	3,512	11,169	12,195	2,758	9,437
1970	70,880	23,578	623	3,588	19,367	47,302	4,515	15,040	3,993	11,047	3,645	11,548	12,554	2,731	9,823
1971	71,214	22,935	609	3,704	18,623	48,278	4,476	15,352	4,001	11,351	3,772	11,797	12,881	2,696	10,185
1972	73,675	23,668	628	3,889	19,151	50,007	4,541	15,949	4,113	11,836	3,908	12,276	13,334	2,684	10,649
1973	76,790	24,893	642	4,097	20,154	51,897	4,656	16,607	4,277	12,329	4,046	12,857	13,732	2,663	11,068
1974	78,265	24,794	697	4,020	20,077	53,471	4,725	16,987	4,433	12,554	4,148	13,441	14,170	2,724	11,446
1975	76,945	22,600	752	3,525	18,323	54,345	4,542	17,060	4,415	12,645	4,165	13,892	14,686	2,748	11,937
1976	79,382	23,352	779	3,576	18,997	56,030	4,582	17,755	4,546	13,209	4,271	14,551	14,871	2,733	12,138
1977	82,471	24,346	813	3,851	19,682	58,125	4,713	18,516	4,708	13,808	4,467	15,303	15,127	2,727	12,399
1978	86,697	25,585	851	4,229	20,505	61,113	4,923	19,542	4,969	14,573	4,724	16,252	15,672	2,753	12,919
1979	89,823	26,461	958	4,463	21,040	63,363	5,136	20,192	5,204	14,989	4,975	17,112	15,947	2,773	13,174
1980	90,406	25,658	1,027	4,346	20,285	64,748	5,146	20,310	5,275	15,035	5,160	17,890	16,241	2,866	13,375
1981	91,105	25,481	1,132	4,176	20,173	65,625	5,157	20,551	5,359	15,192	5,301	18,592	16,024	2,772	13,253
Monthly data, seasonally adjusted															
1981:															
September	91,363	25,583	1,192	4,124	20,267	65,780	5,181	20,660	5,383	15,277	5,328	18,707	15,904	2,764	13,140
October	91,224	25,393	1,195	4,101	20,097	65,831	5,162	20,654	5,380	15,274	5,325	18,773	15,917	2,757	13,160
November	90,996	25,176	1,202	4,071	19,903	65,820	5,150	20,623	5,375	15,248	5,324	18,815	15,908	2,740	13,169
December	90,642	24,908	1,206	4,026	19,676	65,734	5,128	20,524	5,357	15,167	5,331	18,834	15,917	2,756	13,161
1982:															
January	90,460	24,684	1,201	3,966	19,517	65,776	5,125	20,630	5,346	15,284	5,326	18,831	15,864	2,741	13,123
February	90,459	24,631	1,203	3,974	19,454	65,828	5,115	20,670	5,343	15,327	5,326	18,867	15,850	2,737	13,113
March	90,304	24,450	1,197	3,934	19,319	65,854	5,100	20,675	5,336	15,339	5,316	18,904	15,859	2,736	13,123
April	90,083	24,289	1,182	3,938	19,169	65,794	5,094	20,584	5,323	15,261	5,335	18,929	15,852	2,730	13,122
May	90,166	24,255	1,152	3,988	19,115	65,911	5,101	20,652	5,331	15,321	5,342	18,963	15,853	2,728	13,125
June	89,839	23,994	1,124	3,940	18,930	65,845	5,078	20,595	5,307	15,288	5,352	18,988	15,832	2,739	13,093
July	89,535	23,840	1,100	3,927	18,813	65,695	5,044	20,615	5,299	15,316	5,359	19,042	15,635	2,737	12,898
August.p	89,268	23,639	1,082	3,895	18,662	65,629	5,024	20,544	5,288	15,256	5,361	19,042	15,658	2,740	12,918
September.p	89,038	23,546	1,080	3,890	18,576	65,492	5,023	20,488	5,277	15,211	5,367	19,054	15,560	2,738	12,826

[1] Data include Alaska and Hawaii beginning 1959. This inclusion has resulted in an increase of 212,000 (0.4 percent) in the nonagricultural total for the March 1959 benchmark month.

p = preliminary.

NOTE: Data from April 1981 forward are subject to revision when more recent benchmark data are introduced. See "Benchmark adjustment" in the Explanatory Notes of this publication.

ESTABLISHMENT DATA
EMPLOYMENT

B-2. Employees on nonagricultural payrolls by industry

[In thousands]

1972 SIC Code	Industry	All employees					Production workers[1]				
		Aug. 1981	Sept. 1981	July 1982	Aug. 1982p	Sept. 1982p	Aug. 1981	Sept. 1981	July 1982	Aug. 1982p	Sept. 1982p
	TOTAL	91,087	91,620	89,238	89,013	89,299	-	-	-	-	-
	PRIVATE SECTOR	75,990	76,091	74,230	74,149	74,102	61,645	61,776	59,931	59,837	59,888
	MINING	1,200	1,201	1,119	1,100	1,089	884	886	797	781	772
10	METAL MINING	105.8	104.3	64.9	63.0	-	79.4	78.5	46.2	44.3	-
101	Iron ores	21.8	21.4	6.7	5.2	-	16.9	16.6	4.6	3.1	-
102	Copper ores	36.5	36.2	22.9	21.3	-	28.1	27.9	16.2	14.9	-
11, 12	COAL MINING	250.6	254.7	233.6	225.0	-	207.0	211.1	190.5	182.5	-
12	BITUMINOUS COAL AND LIGNITE MINING	247.0	251.1	230.3	221.7	-	203.8	207.9	187.6	179.5	-
13	OIL AND GAS EXTRACTION	719.6	718.4	702.7	698.4	-	501.7	500.9	470.3	468.1	-
131, 2	Crude petroleum, natural gas, and natural gas liquids	278.4	273.5	296.4	296.6	-	121.9	118.5	131.2	132.6	-
138	Oil and gas field services	441.2	444.9	406.3	397.8	-	379.8	382.4	339.1	331.7	-
14	NONMETALLIC MINERALS, EXCEPT FUELS	124.1	123.5	117.6	117.8	-	95.7	95.3	90.1	91.1	-
142	Crushed and broken stone	38.9	38.7	37.2	37.6	-	31.9	31.7	30.1	30.2	-
144	Sand and gravel	36.1	36.0	34.9	35.0	-	-	-	-	-	-
147	Chemical and fertilizer minerals	27.7	27.5	24.3	24.3	-	-	-	-	-	-
	CONSTRUCTION	4,431	4,366	4,187	4,160	4,119	3,489	3,436	3,228	3,204	3,207
15	GENERAL BUILDING CONTRACTORS	1,149.1	1,124.8	1,036.7	1,027.1	-	875.9	857.3	778.3	771.0	-
152	Residential building construction	549.0	537.2	509.6	503.9	-	403.4	394.1	372.8	369.0	-
153	Operative builders	61.8	59.5	50.5	48.9	-	34.6	33.5	25.2	23.7	-
154	Nonresidential building construction	538.3	528.1	476.6	474.3	-	437.9	429.7	380.3	378.3	-
16	HEAVY CONSTRUCTION CONTRACTORS	982.5	973.7	916.5	919.4	-	800.8	793.8	742.9	747.1	-
161	Highway and street construction	287.9	279.9	259.7	262.5	-	244.9	237.4	220.7	223.6	-
162	Heavy construction, except highway	694.6	693.8	656.8	656.9	-	555.9	556.4	522.2	523.7	-
17	SPECIAL TRADE CONTRACTORS	2,299.2	2,267.1	2,194.1	2,213.6	-	1,812.0	1,785.1	1,706.5	1,725.9	-
171	Plumbing, heating, air conditioning	534.9	529.2	504.4	502.6	-	397.1	393.2	367.6	365.0	-
172	Painting, paper hanging, decorating	150.2	145.8	145.8	146.1	-	126.1	122.3	122.4	123.4	-
173	Electrical work	422.8	421.0	404.1	404.4	-	327.4	326.7	308.3	309.6	-
174	Masonry, stonework, and plastering	345.4	341.7	317.7	319.9	-	295.9	292.7	268.6	270.7	-
175	Carpentering and flooring	127.3	123.2	115.6	116.7	-	98.7	92.4	86.0	87.5	-
176	Roofing and sheet metal work	166.4	166.0	163.0	165.8	-	135.7	135.4	130.4	133.8	-
	MANUFACTURING	20,370	20,499	18,693	18,724	18,798	14,153	14,304	12,618	12,662	12,709
24, 25, 32-39	DURABLE GOODS	12,164	12,272	11,052	10,928	10,985	8,302	8,423	7,297	7,189	7,209
20-23, 26-31	NONDURABLE GOODS	8,206	8,227	7,641	7,796	7,813	5,851	5,881	5,321	5,473	5,500
	DURABLE GOODS										
24	LUMBER AND WOOD PRODUCTS	691.2	680.9	626.3	630.6	633.5	576.9	567.8	516.7	520.3	523.1
241	Logging camps and logging contractors	86.9	89.9	82.9	83.3	-	69.0	72.4	65.7	65.9	-
242	Sawmills and planing mills	215.1	207.4	196.5	197.9	-	190.5	183.0	172.3	173.2	-
2421	Sawmills and planing mills, general	179.5	172.2	165.7	166.8	-	159.4	152.4	145.9	146.8	-
2426	Hardwood dimension and flooring	30.4	29.9	26.7	26.8	-	26.5	25.9	22.9	23.0	-
243	Millwork, plywood, and structural members	194.3	191.3	173.6	176.0	-	160.2	157.6	140.4	142.8	-
2431	Millwork	68.5	67.4	64.7	65.1	-	54.9	53.8	50.9	51.7	-
2434	Wood kitchen cabinets	47.0	45.9	39.6	40.2	-	38.0	36.5	30.9	31.7	-
2435	Hardwood veneer and plywood	25.4	25.1	21.0	21.9	-	22.3	22.1	18.0	19.0	-
2436	Softwood veneer and plywood	38.8	39.1	34.9	35.2	-	34.4	35.1	30.5	30.9	-
244	Wood containers	42.0	41.7	40.1	39.0	-	35.9	35.4	33.7	32.8	-
245	Wood buildings and mobile homes	70.6	69.2	61.6	61.8	-	52.2	51.2	45.7	45.9	-
2451	Mobile homes	49.9	50.0	47.1	47.3	-	38.5	38.4	36.6	36.8	-
249	Miscellaneous wood products	82.3	81.4	71.6	72.6	-	69.1	68.2	58.9	59.9	-
25	FURNITURE AND FIXTURES	470.6	474.9	426.1	439.1	443.1	379.3	382.9	334.7	346.1	351.8
251	Household furniture	298.1	299.9	259.2	269.0	-	249.0	250.9	212.2	220.3	-
2511	Wood household furniture	134.0	135.2	115.2	120.8	-	116.0	117.3	98.5	103.5	-
2512	Upholstered household furniture	89.6	90.2	80.0	83.0	-	73.2	73.8	64.1	65.9	-
2514	Metal household furniture	28.7	28.9	24.8	25.1	-	23.0	23.1	19.2	19.4	-
2515	Mattresses and bedsprings	31.5	31.4	28.1	28.8	-	24.3	24.3	21.0	21.5	-
252	Office furniture	54.7	56.0	53.2	54.7	-	42.8	44.0	40.6	41.9	-
253	Public building and related furniture	23.9	24.2	23.2	23.8	-	18.1	18.4	17.3	17.7	-
254	Partitions and fixtures	63.4	63.6	59.1	60.2	-	47.8	47.7	43.3	44.3	-
259	Miscellaneous furniture and fixtures	30.5	31.2	31.4	31.4	-	21.6	21.9	21.3	21.8	-

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry – Continued

[In thousands]

1972 SIC Code	Industry	All employees					Production workers[1]				
		Aug. 1981	Sept. 1981	July 1982	Aug. 1982p	Sept. 1982p	Aug. 1981	Sept. 1981	July 1982	Aug. 1982p	Sept. 1982p
32	**STONE, CLAY, AND GLASS PRODUCTS**	656.3	652.0	587.9	586.0	585.8	507.8	508.7	445.9	446.3	445.0
321	Flat glass	18.3	18.6	14.9	16.6	-	14.2	14.6	11.3	12.2	-
322	Glass and glassware, pressed or blown	124.1	123.0	112.6	111.6	-	105.1	104.4	98.8	97.8	-
3221	Glass containers	70.2	68.6	65.0	64.6	-	61.9	60.4	57.1	56.8	-
3229	Pressed and blown glass, nec	53.9	54.4	47.6	47.0	-	43.2	44.0	37.7	37.9	-
323	Products of purchased glass	45.3	45.5	41.8	41.4	-	30.3	30.5	27.9	27.5	-
324	Cement, hydraulic	31.4	30.6	29.0	28.8	-	25.1	24.3	22.8	23.6	-
325	Structural clay products	42.6	42.2	36.8	34.6	-	32.5	32.0	25.5	25.0	-
326	Pottery and related products	43.6	43.7	37.5	38.2	-	36.1	36.0	30.0	30.0	-
327	Concrete, gypsum, and plaster products	200.7	198.4	186.0	184.5	-	154.7	153.8	142.0	141.7	-
3271	Concrete block and brick	19.8	19.3	18.7	18.6	-	17.6	17.2	12.6	12.7	-
3272	Concrete products, nec	67.9	67.3	62.7	61.4	-	50.5	50.7	46.7	46.0	-
3273	Ready-mixed concrete	93.2	92.1	86.7	86.7	-	74.6	73.9	68.3	68.7	-
329	Misc. nonmetallic mineral products	138.0	137.7	119.4	118.1	-	99.3	99.1	82.6	81.9	-
3291	Abrasive products	27.9	27.8	24.4	23.4	-	18.9	18.7	15.3	14.6	-
3292	Asbestos products	15.9	16.0	13.5	13.8	-	12.2	12.3	9.9	10.1	-
3296	Mineral wool	30.7	30.3	27.2	27.2	-	-	-	-	-	-
33	**PRIMARY METAL INDUSTRIES**	1,132.6	1,131.7	902.1	886.7	885.1	867.7	870.6	665.2	651.9	650.8
331	Blast furnace and basic steel products	513.2	507.8	383.1	372.7	-	397.0	398.4	282.9	274.9	-
3312	Blast furnaces and steel mills	427.3	421.7	315.3	307.5	-	331.6	328.5	233.6	227.8	-
3317	Steel pipe and tubes	32.7	32.7	24.9	23.9	-	25.3	25.5	18.1	17.1	-
332	Iron and steel foundries	201.9	206.4	156.6	153.9	-	160.0	164.2	118.0	117.9	-
3321	Gray iron foundries	122.9	124.5	95.2	93.0	-	99.9	101.6	75.5	73.5	-
3322	Malleable iron foundries	16.3	16.5	12.5	12.0	-	12.5	12.8	9.2	8.9	-
3325	Steel foundries, nec	51.2	52.2	35.7	38.7	-	40.1	41.1	25.9	29.2	-
333	Primary nonferrous metals	70.1	70.0	57.3	56.2	-	52.5	52.5	40.9	41.1	-
3334	Primary aluminum	36.7	36.3	28.9	28.5	-	28.5	28.1	21.2	21.9	-
335	Nonferrous rolling and drawing	207.3	207.0	185.2	182.6	-	147.9	148.5	130.2	128.0	-
3351	Copper rolling and drawing	29.8	30.2	24.8	24.8	-	22.2	22.7	18.3	18.2	-
3353	Aluminum sheet, plate, and foil	35.5	34.9	30.4	30.0	-	27.3	26.9	23.3	22.8	-
3357	Nonferrous wire drawing and insulating	86.7	88.3	80.2	78.0	-	61.7	63.4	56.1	54.9	-
336	Nonferrous foundries	90.9	91.1	78.6	78.5	-	73.0	73.4	61.5	61.7	-
3361	Aluminum foundries	53.4	53.6	45.2	44.8	-	43.7	44.0	36.2	36.1	-
34	**FABRICATED METAL PRODUCTS**	1,599.9	1,615.8	1,425.6	1,418.4	1,427.4	1,177.9	1,193.3	1,022.9	1,017.1	1,022.2
341	Metal cans and shipping containers	72.9	73.4	67.3	67.6	-	62.4	62.9	57.0	57.3	-
3411	Metal cans	59.9	60.3	55.2	55.6	-	51.9	52.3	47.6	48.0	-
342	Cutlery, hand tools, and hardware	157.8	160.5	133.8	132.8	-	119.2	122.7	97.0	95.9	-
3423.5	Hand and edge tools, and hand saws and blades	55.0	55.5	43.5	43.6	-	41.6	42.4	31.6	31.5	-
3429	Hardware, nec	87.8	89.9	76.7	75.4	-	66.5	69.1	56.1	54.8	-
343	Plumbing and heating, except electric	69.7	70.4	64.4	64.4	-	50.4	51.2	44.3	44.5	-
3432	Plumbing fittings and brass goods	27.1	27.5	26.4	26.7	-	21.8	22.1	20.6	20.8	-
3433	Heating equipment, except electric	32.0	32.2	27.8	27.7	-	21.4	21.8	17.2	17.4	-
344	Fabricated structural metal products	513.6	513.7	460.4	457.6	-	351.7	350.8	307.6	305.9	-
3441	Fabricated structural metal	101.0	101.8	88.3	87.1	-	72.0	72.6	61.9	60.9	-
3442	Metal doors, sash, and trim	83.1	82.8	79.2	79.8	-	60.6	60.3	57.5	58.1	-
3443	Fabricated plate work (boiler shops)	150.0	150.0	130.9	129.2	-	91.7	91.0	76.7	75.5	-
3444	Sheet metal work	109.2	109.0	101.0	100.1	-	79.9	79.6	71.8	71.3	-
3446	Architectural metal work	30.8	30.8	27.4	27.9	-	21.7	21.7	18.3	19.7	-
345	Screw machine products, bolts, etc	104.4	105.4	91.2	90.2	-	80.2	81.2	67.8	67.0	-
3451	Screw machine products	47.4	48.2	42.7	42.0	-	38.6	39.3	33.3	32.6	-
3452	Bolts, nuts, rivets, and washers	57.0	57.2	48.5	48.2	-	41.6	41.9	34.5	34.4	-
346	Metal forgings and stampings	254.7	262.8	222.2	219.9	-	201.0	208.8	173.3	170.7	-
3462	Iron and steel forgings	43.8	45.0	34.1	32.6	-	33.9	35.2	25.5	24.7	-
3465	Automotive stampings	92.1	96.5	86.6	81.8	-	75.7	80.1	71.5	68.0	-
3469	Metal stampings, nec	106.5	108.6	90.2	93.9	-	81.9	83.7	66.8	69.0	-
347	Metal services, nec	102.8	103.7	91.3	91.8	-	82.7	83.5	71.7	72.1	-
3471	Plating and polishing	70.4	70.8	61.6	63.1	-	57.7	58.0	49.5	50.0	-
3479	Metal coating and allied services	32.4	32.9	29.7	28.7	-	25.0	25.5	22.2	21.7	-
348	Ordnance and accessories, nec	69.6	69.2	71.6	71.3	-	48.4	48.7	45.7	45.1	-
3483	Ammunition, exc. for small arms, nec	26.7	26.2	27.2	27.3	-	17.1	16.8	17.8	17.7	-
349	Misc. fabricated metal products	254.4	256.7	223.4	222.8	-	185.9	188.5	158.5	158.6	-
3494	Valves and pipe fittings	104.6	108.7	92.5	91.0	-	71.0	71.2	60.8	59.3	-
3496	Misc. fabricated wire products	54.7	55.0	48.6	50.3	-	42.7	43.1	36.2	37.0	-
35	**MACHINERY, EXCEPT ELECTRICAL**	2,507.1	2,536.2	2,260.0	2,209.7	2,209.5	1,576.2	1,604.8	1,380.1	1,388.3	1,415.7
351	Engines and turbines	134.9	136.4	113.1	109.5	-	86.1	88.4	69.2	69.2	-
3511	Turbines and turbine generator sets	45.5	45.7	42.7	42.0	-	28.1	28.4	22.8	22.7	-
3519	Internal combustion engines, nec	89.4	90.7	70.4	67.5	-	62.0	60.0	46.4	46.5	-
352	Farm and garden machinery	149.5	150.4	121.4	121.7	-	99.0	103.3	75.7	75.6	-
3523	Farm machinery and equipment	130.8	133.6	105.0	102.9	-	85.9	88.4	65.0	63.3	-
353	Construction and related machinery	405.6	409.9	332.8	316.4	-	265.6	269.5	200.0	191.7	-
3531	Construction machinery	142.6	146.2	112.2	104.3	-	93.3	97.3	67.6	60.7	-

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry—Continued

[In thousands]

1972 SIC Code	Industry	All employees					Production workers[1]				
		Aug. 1981	Sept. 1981	July 1982	Aug. 1982p	Sept. 1982p	Aug. 1981	Sept. 1981	July 1982	Aug. 1982p	Sept. 1982p
	MACHINERY, EXCEPT ELECTRICAL—Continued										
3532	Mining machinery	38.5	38.7	32.1	31.6	-	23.8	24.0	19.0	18.7	-
3533	Oil field machinery	123.0	123.7	102.9	97.5	-	85.6	85.8	68.5	64.1	-
3535	Conveyors and conveying equipment	35.9	35.7	31.5	31.4	-	20.6	20.2	16.4	15.6	-
3537	Industrial trucks and tractors	35.5	36.8	28.4	27.2	-	23.8	23.0	17.1	15.9	-
354	Metalworking machinery	362.3	365.8	312.3	306.9	-	260.2	264.3	216.7	212.8	-
3541	Machine tools, metal cutting types	79.2	79.6	59.5	59.3	-	50.9	51.6	35.4	34.9	-
3542	Machine tools, metal forming types	23.1	23.4	20.2	19.6	-	14.3	14.4	12.7	11.8	-
3544	Special dies, tools, jigs, and fixtures	136.2	138.0	126.7	125.0	-	107.1	109.3	98.3	96.8	-
3545	Machine tool accessories	68.3	69.3	59.6	57.9	-	47.8	48.1	39.6	38.4	-
3546	Power driven hand tools	30.6	30.8	24.2	23.1	-	23.6	23.5	17.2	15.7	-
355	Special industry machinery	197.9	197.5	178.2	176.3	-	125.4	125.1	104.5	106.7	-
3551	Food products machinery	43.2	43.3	40.9	40.5	-	27.8	27.5	26.1	25.6	-
3552	Textile machinery	26.0	25.8	22.2	21.9	-	18.0	17.7	14.4	14.4	-
3553	Printing trades machinery	38.7	38.7	38.2	38.0	-	24.2	24.4	23.0	23.7	-
358	General industrial machinery	320.0	323.3	277.5	272.1	-	206.9	210.3	171.3	167.1	-
3561	Pumps and pumping equipment	63.0	63.6	55.6	55.0	-	37.2	37.9	31.2	30.8	-
3562	Ball and roller bearings	55.7	55.9	46.1	44.4	-	42.8	43.0	33.9	33.5	-
3563	Air and gas compressors	31.4	31.9	28.9	28.0	-	18.5	18.9	15.6	15.1	-
3564	Blowers and fans	39.7	39.8	37.0	36.9	-	24.8	25.0	22.8	22.8	-
3566	Speed changers, drives, and gears	27.6	27.8	20.7	20.7	-	18.2	18.5	11.4	11.3	-
3568	Power transmission equipment, nec	23.1	23.4	18.7	17.7	-	16.3	16.6	12.4	11.5	-
357	Office and computing machines	470.2	472.8	495.7	491.9	-	188.3	189.3	195.0	189.7	-
3573	Electronic computing equipment	395.6	397.9	425.8	425.5	-	148.9	149.5	159.2	156.7	-
358	Refrigeration and service machinery	174.3	178.3	161.4	155.3	-	121.1	125.5	110.4	103.7	-
3585	Refrigeration and heating equipment	118.8	122.5	108.0	102.0	-	83.1	87.1	78.5	69.5	-
359	Misc. machinery, except electrical	292.4	297.8	267.6	259.6	-	223.6	229.1	199.8	192.8	-
3592	Carburetors, pistons, rings, valves	38.1	39.2	34.3	34.1	-	30.6	31.6	26.3	25.9	-
3599	Machinery, except electrical, nec	254.3	258.6	233.3	225.5	-	193.0	197.5	173.5	166.9	-
36	**ELECTRIC AND ELECTRONIC EQUIPMENT**	2,102.5	2,120.0	2,002.3	1,992.1	2,002.5	1,316.2	1,332.8	1,208.0	1,193.7	1,212.0
361	Electric distributing equipment	121.8	122.9	107.0	106.2	-	86.1	87.5	78.2	78.1	-
3612	Transformers	54.5	55.3	48.6	48.0	-	38.4	39.3	34.2	34.2	-
3613	Switchgear and switchboard apparatus	67.3	67.6	58.4	58.2	-	47.7	48.2	40.0	39.9	-
362	Electrical industrial apparatus	243.7	245.1	208.9	204.4	-	173.2	174.8	144.3	141.9	-
3621	Motors and generators	125.6	127.0	105.7	103.3	-	96.2	97.8	79.2	77.5	-
3622	Industrial controls	72.3	72.5	64.5	64.0	-	44.4	44.5	38.7	38.5	-
363	Household appliances	162.5	166.5	141.6	133.3	-	128.1	131.9	109.3	103.7	-
3632	Household refrigerators and freezers	32.6	34.9	30.0	23.1	-	26.1	28.4	23.9	17.1	-
3633	Household laundry equipment	22.5	22.1	20.2	17.1	-	17.7	17.1	15.0	12.1	-
3634	Electric housewares and fans	53.1	54.0	43.2	46.8	-	42.7	43.5	33.2	35.9	-
364	Electric lighting and wiring equipment	202.7	203.1	182.5	184.2	-	149.1	149.3	132.5	133.3	-
3641	Electric lamps	32.4	32.7	30.5	31.3	-	28.0	28.4	26.3	27.2	-
3643	Current-carrying wiring devices	84.9	84.3	75.2	77.1	-	57.6	57.0	49.8	50.8	-
3644	Noncurrent-carrying wiring devices	21.0	20.9	17.8	17.4	-	15.5	15.2	13.0	12.8	-
3645	Residential lighting fixtures	24.1	24.5	21.4	21.7	-	18.3	18.7	15.7	16.1	-
365	Radio and TV receiving equipment	109.1	111.6	92.4	92.5	-	77.3	79.8	62.6	62.9	-
3651	Radio and TV receiving sets	83.4	86.8	72.7	72.6	-	57.1	58.6	48.7	48.9	-
366	Communication equipment	552.3	553.1	557.6	554.8	-	268.0	267.5	259.4	256.1	-
3661	Telephone and telegraph apparatus	152.8	153.1	141.1	139.6	-	101.8	101.7	90.8	89.9	-
3662	Radio and TV communication equipment	399.5	400.0	416.5	415.2	-	166.2	165.8	168.6	166.2	-
367	Electronic components and accessories	562.5	565.9	572.8	576.3	-	329.3	332.5	323.3	326.1	-
3671,3	Electronic tubes	43.8	44.4	43.5	43.5	-	26.5	27.0	26.6	26.9	-
3674	Semiconductors and related devices	225.1	224.3	236.1	235.9	-	91.6	92.0	91.9	91.9	-
3679	Electronic components, nec	220.3	223.4	225.7	228.7	-	154.3	156.6	154.3	156.9	-
369	Misc. electrical equipment and supplies	147.9	151.8	139.5	140.4	-	106.1	109.5	98.4	99.0	-
3691	Storage batteries	29.4	30.6	26.8	28.0	-	22.9	24.1	20.4	21.6	-
3694	Engine electrical equipment	60.7	63.0	56.0	55.3	-	46.7	48.9	43.6	43.7	-
37	**TRANSPORTATION EQUIPMENT**	1,850.8	1,904.5	1,734.6	1,673.3	1,707.6	1,160.3	1,219.8	1,079.8	1,021.8	1,059.6
371	Motor vehicles and equipment	746.4	791.3	705.9	663.4	-	581.2	588.1	521.9	481.7	-
3711	Motor vehicles and car bodies	320.7	350.7	311.3	283.6	-	212.7	244.3	219.1	192.8	-
3713	Truck and bus bodies	36.7	37.4	33.1	28.7	-	27.4	28.3	25.1	20.9	-
3714	Motor vehicle parts and accessories	358.1	370.9	333.3	324.0	-	277.6	280.7	257.4	248.8	-
3715	Truck trailers	27.3	27.5	22.9	22.8	-	21.1	21.1	16.2	16.2	-
372	Aircraft and parts	642.5	647.3	637.6	555.9	-	337.0	344.3	305.4	295.1	-
3721	Aircraft	346.4	344.3	322.7	317.7	-	168.2	168.3	148.7	139.9	-
3724	Aircraft engines and engine parts	157.6	162.8	149.1	145.5	-	87.2	93.0	83.4	80.9	-
3728	Aircraft equipment, nec	138.5	140.2	135.8	132.7	-	81.6	83.0	77.3	74.3	-
373	Ship and boat building and repairing	230.1	231.2	203.5	200.1	-	178.7	176.7	158.9	152.5	-
3731	Ship building and repairing	185.5	186.6	167.3	165.1	-	137.4	139.6	125.7	124.1	-
3732	Boat building and repairing	44.6	44.6	36.2	35.0	-	37.3	37.1	33.1	28.1	-
374	Railroad equipment	52.1	53.9	37.2	36.1	-	34.6	36.6	23.1	22.1	-
376	Guided missiles, space vehicles, parts	123.7	123.9	128.0	128.2	-	36.4	36.7	38.6	39.7	-
3761	Guided missiles and space vehicles	97.1	97.1	101.3	101.6	-	26.7	26.8	29.0	29.9	-

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry — Continued

[In thousands]

1972 SIC Code	Industry	All employees					Production workers[1]				
		Aug. 1981	Sept. 1981	July 1982	Aug. 1982P	Sept. 1982P	Aug. 1981	Sept. 1981	July 1982	Aug. 1982P	Sept. 1982P
	TRANSPORTATION EQUIPMENT—Continued										
379	Miscellaneous transportation equipment	38.1	38.9	39.8	38.3	–	24.0	24.9	27.4	25.6	–
3792	Travel trailers and campers	17.7	17.7	17.3	17.6	–	13.7	13.7	13.2	13.5	–
38	**INSTRUMENTS AND RELATED PRODUCTS**	735.8	732.6	707.6	703.3	699.7	430.5	429.8	404.5	401.6	401.7
381	Engineering and scientific instruments	78.6	78.4	76.0	74.7	–	37.5	37.5	35.0	34.2	–
382	Measuring and controlling devices	261.4	262.1	244.2	241.7	–	163.0	163.8	147.5	145.1	–
3822	Environmental controls	48.5	48.6	42.1	41.9	–	32.6	32.3	27.5	27.2	–
3823	Process control instruments	61.5	62.1	57.3	56.4	–	32.2	32.8	29.1	28.8	–
3825	Instruments to measure electricity	106.0	104.9	104.2	103.8	–	66.5	66.1	63.6	62.7	–
383	Optical instruments and lenses	33.1	33.3	32.4	32.0	–	18.6	18.8	17.5	17.5	–
384	Medical instruments and supplies	161.2	160.9	159.9	160.5	–	100.6	100.5	97.5	97.6	–
3841	Surgical and medical instruments	76.4	75.9	78.4	78.5	–	45.6	45.2	45.2	44.9	–
3842	Surgical appliances and supplies	68.7	68.8	66.0	66.7	–	45.1	45.3	43.0	43.5	–
385	Ophthalmic goods	41.1	39.7	35.9	36.0	–	26.6	28.2	25.1	28.9	–
386	Photographic equipment and supplies	139.9	137.5	142.1	140.3	–	67.1	65.7	70.0	69.4	–
387	Watches, clocks, and watchcases	20.5	20.7	17.1	18.1	–	15.1	15.3	11.9	12.0	–
39	**MISCELLANEOUS MANUFACTURING INDUSTRIES**	417.0	423.8	379.6	386.7	391.0	309.6	316.0	272.9	282.1	285.7
391	Jewelry, silverware, and plated ware	55.4	58.7	53.8	58.2	–	39.5	42.2	37.2	41.4	–
3911	Jewelry, precious metal	35.5	38.4	34.4	37.3	–	24.9	27.1	23.8	26.5	–
393	Musical instruments	21.6	21.1	18.6	19.3	–	17.3	17.0	14.4	15.1	–
394	Toys and sporting goods	122.8	124.4	108.5	108.8	–	93.5	95.3	80.4	80.6	–
3942, 4	Dolls, games, toys, and children's vehicles	65.9	66.9	54.3	55.9	–	49.7	50.5	39.0	40.3	–
3949	Sporting and athletic goods, nec	56.9	57.5	54.2	52.9	–	43.8	44.8	41.4	40.3	–
395	Pens, pencils, office and art supplies	37.8	37.8	34.5	34.4	–	27.1	27.1	23.8	23.8	–
396	Costume jewelry and notions	46.6	46.6	38.1	41.1	–	35.7	35.7	28.5	31.5	–
3961	Costume jewelry	24.2	24.0	19.3	22.2	–	18.8	18.7	14.6	17.5	–
399	Miscellaneous manufactures	132.8	135.2	126.1	126.9	–	96.5	98.7	88.6	89.7	–
3993	Signs and advertising displays	46.8	47.3	45.4	45.8	–	34.1	34.2	32.0	32.4	–
	NONDURABLE GOODS										
20	**FOOD AND KINDRED PRODUCTS**	1,759.6	1,763.2	1,668.1	1,724.8	1,725.3	1,230.9	1,238.6	1,146.7	1,201.6	1,207.3
201	Meat products	355.6	356.2	341.6	341.1	–	296.6	298.0	285.2	286.7	–
2011	Meat packing plants	155.3	155.9	143.9	142.2	–	127.4	128.4	117.7	116.2	–
2013	Sausages and other prepared meats	70.7	70.5	69.5	69.8	–	52.6	52.7	51.8	51.8	–
2016	Poultry dressing plants	116.3	116.7	114.5	115.0	–	105.3	105.7	103.7	104.2	–
202	Dairy products	173.3	170.8	172.4	171.8	–	96.7	94.9	97.9	97.5	–
2022	Cheese, natural and processed	35.8	35.6	35.9	35.5	–	27.2	27.3	27.3	26.9	–
2026	Fluid milk	97.5	96.6	98.8	98.7	–	44.0	43.3	43.2	43.2	–
203	Preserved fruits and vegetables	307.7	314.2	252.0	300.2	–	263.4	270.9	210.8	257.9	–
2032	Canned specialties	26.5	27.6	23.7	26.6	–	20.0	21.4	17.2	20.1	–
2033	Canned fruits and vegetables	151.9	147.8	99.4	142.5	–	135.3	131.7	82.8	125.5	–
2037	Frozen fruits and vegetables	50.3	56.0	50.4	53.4	–	43.8	49.4	44.2	47.9	–
204	Grain mill products	140.2	140.8	135.7	136.6	–	97.9	97.7	91.8	91.2	–
2041	Flour and other grain mill products	25.9	26.5	25.9	25.9	–	16.6	16.3	16.0	16.3	–
2048	Prepared feeds, nec	54.0	53.5	52.4	52.3	–	35.5	35.1	33.4	33.5	–
205	Bakery products	219.3	220.9	219.7	218.9	–	127.9	129.5	128.8	128.2	–
2051	Bread, cake, and related products	178.0	178.3	178.0	177.0	–	95.0	95.2	95.7	94.9	–
2052	Cookies and crackers	41.3	42.6	41.7	41.9	–	32.9	34.3	33.1	33.4	–
206	Sugar and confectionery products	104.9	107.6	96.6	103.4	–	79.2	82.0	72.9	79.2	–
2081-3	Cane and beet sugar	28.6	28.5	26.8	26.7	–	20.4	20.3	19.7	19.6	–
2065	Confectionery products	56.2	58.7	48.9	55.3	–	45.3	47.8	39.1	45.9	–
207	Fats and oils	41.4	42.2	41.6	41.5	–	30.5	31.3	30.7	30.7	–
208	Beverages	239.9	237.7	237.3	238.3	–	105.4	104.3	100.9	102.4	–
2082	Malt beverages	50.6	50.1	47.7	49.5	–	31.8	31.6	30.1	31.3	–
2086	Bottled and canned soft drinks	142.2	139.2	144.8	143.9	–	47.6	45.8	47.9	47.7	–
209	Misc. foods and kindred products	177.3	172.8	171.2	173.0	–	133.3	130.0	127.7	129.8	–
21	**TOBACCO MANUFACTURES**	73.8	75.7	60.9	68.9	69.1	58.0	60.1	46.7	54.7	54.7
211	Cigarettes	47.3	47.1	46.1	44.9	–	35.7	35.7	35.7	34.2	–
22	**TEXTILE MILL PRODUCTS**	829.7	831.5	726.5	737.5	740.5	718.4	721.5	620.5	630.8	636.7
221	Weaving mills, cotton	140.3	140.3	118.7	118.8	–	124.6	124.9	103.6	103.9	–
222	Weaving mills, synthetics	111.7	112.4	92.4	94.6	–	100.2	101.0	81.4	81.6	–
223	Weaving and finishing mills, wool	18.8	18.7	15.8	15.8	–	15.6	15.6	13.1	13.0	–
224	Narrow fabric mills	24.1	24.4	20.9	22.5	–	21.3	21.6	17.9	19.5	–
225	Knitting mills	221.3	221.4	202.1	205.4	–	191.6	191.9	174.4	177.8	–
2251	Women's hosiery, except socks	32.0	31.9	30.6	31.3	–	28.7	28.6	27.3	28.0	–
2252	Hosiery, nec	33.4	33.2	31.7	31.4	–	30.4	30.3	28.6	28.5	–
2253	Knit outerwear mills	74.7	75.0	69.5	71.5	–	63.5	64.0	59.5	61.4	–
2254	Knit underwear mills	30.3	30.0	27.2	28.0	–	26.1	25.9	22.9	23.6	–

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry – Continued

[In thousands]

1972 SIC Code	Industry	All employees					Production workers[1]				
		Aug. 1981	Sept. 1981	July 1982	Aug. 1982p	Sept. 1982p	Aug. 1981	Sept. 1981	July 1982	Aug. 1982p	Sept. 1982p
	TEXTILE MILL PRODUCTS—Continued										
2257	Circular knit fabric mills	29.5	29.5	24.0	23.9	-	25.0	25.0	20.1	20.0	-
226	Textile finishing, except wool	70.6	70.9	64.2	65.1	-	58.8	59.3	52.6	53.8	-
2261	Finishing plants, cotton	29.3	29.4	27.5	27.5	-	23.9	24.2	22.3	22.2	-
2262	Finishing plants, synthetics	27.2	27.2	23.6	24.2	-	22.7	22.8	19.5	20.1	-
227	Floor covering mills	53.4	53.5	47.6	47.1	-	42.9	43.1	37.8	36.9	-
228	Yarn and thread mills	123.0	123.2	106.5	109.5	-	110.9	111.2	94.5	97.2	-
2281	Yarn mills, except wool	83.3	83.2	73.5	75.8	-	76.1	76.3	66.1	68.8	-
2282	Throwing and winding mills	20.4	20.4	17.3	17.7	-	18.1	18.1	15.1	15.5	-
229	Miscellaneous textile goods	66.5	67.1	58.3	58.7	-	52.5	52.9	45.6	45.5	-
23	**APPAREL AND OTHER TEXTILE PRODUCTS**	1,260.3	1,270.5	1,093.0	1,153.1	1,160.2	1,073.0	1,083.0	918.8	978.7	981.6
231	Men's and boys' suits and coats	77.5	77.9	70.3	73.4	-	67.7	68.0	61.0	63.2	-
232	Men's and boys' furnishings	354.8	358.6	315.6	324.5	-	303.3	307.5	266.9	275.2	-
2321	Men's and boys' shirts and nightwear	99.1	99.7	90.2	91.2	-	85.5	85.9	76.8	77.9	-
2327	Men's and boys' separate trousers	72.3	72.8	65.4	66.9	-	63.2	63.8	56.6	58.0	-
2328	Men's and boys' work clothing	102.8	103.0	90.9	93.3	-	85.3	85.1	75.1	77.8	-
233	Women's and misses' outerwear	414.0	416.3	333.6	374.8	-	356.1	358.8	280.9	323.8	-
2331	Women's and misses' blouses and waists	62.9	62.9	49.8	61.4	-	58.8	58.6	41.6	53.2	-
2335	Women's and misses' dresses	138.6	139.9	113.2	126.4	-	121.9	123.8	97.7	109.7	-
2337	Women's and misses' suits and coats	67.0	67.0	51.6	55.8	-	57.5	57.6	43.4	47.4	-
2339	Women's and misses' outerwear, nec	145.5	146.5	119.0	130.8	-	121.9	123.2	98.2	109.8	-
234	Women's and children's undergarments	91.8	93.1	82.9	83.7	-	78.2	79.5	70.1	70.9	-
2341	Women's and children's underwear	73.3	74.5	67.3	68.8	-	63.8	65.0	58.2	59.2	-
2342	Brassieres and allied garments	18.5	18.6	15.6	14.9	-	14.4	14.5	11.9	11.7	-
236	Children's outerwear	63.3	64.4	60.5	59.1	-	53.4	54.5	51.2	51.0	-
2361	Children's dresses and blouses	26.7	27.2	25.4	25.9	-	23.7	24.2	22.7	23.1	-
238	Misc. apparel and accessories	59.3	59.0	48.2	52.7	-	50.2	50.1	40.0	44.9	-
239	Misc. fabricated textile products	176.1	181.4	160.4	163.7	-	143.7	149.0	130.1	131.0	-
2391	Curtains and draperies	27.9	28.2	24.2	25.3	-	23.3	23.6	19.5	20.6	-
2392	House furnishings, nec	49.5	51.2	44.4	46.6	-	40.9	42.0	36.9	38.0	-
2396	Automotive and apparel trimmings	28.8	31.4	26.7	26.6	-	23.0	26.2	21.2	21.9	-
26	**PAPER AND ALLIED PRODUCTS**	695.5	697.1	657.9	658.8	661.2	528.3	527.0	489.3	491.6	496.8
261, 2,6	Paper and pulp mills	206.1	206.1	197.0	196.8	-	158.8	159.7	147.8	147.9	-
262	Paper mills, except building paper	178.0	177.8	170.6	170.3	-	132.7	132.7	126.5	126.7	-
263	Paperboard mills	64.3	63.6	59.8	56.2	-	50.5	50.3	46.1	41.9	-
264	Misc. converted paper products	222.2	222.9	212.2	212.8	-	163.8	164.2	153.1	154.3	-
2641	Paper coating and glazing	56.1	55.9	55.3	55.5	-	36.4	36.7	34.7	35.1	-
2642	Envelopes	25.1	25.4	24.1	24.6	-	18.4	18.8	18.3	18.9	-
2643	Bags, except textile bags	49.9	50.6	48.0	48.0	-	39.0	39.5	36.9	37.1	-
265	Paperboard containers and boxes	202.9	204.5	188.9	189.6	-	155.2	156.8	142.3	143.6	-
2651	Folding paperboard boxes	43.7	44.0	41.3	41.2	-	34.2	34.4	31.9	32.0	-
2653	Corrugated and solid fiber boxes	103.6	104.5	95.7	96.4	-	76.3	77.4	69.7	70.7	-
2654	Sanitary food containers	25.4	24.9	24.6	24.4	-	20.7	20.2	19.8	19.7	-
27	**PRINTING AND PUBLISHING**	1,265.9	1,270.0	1,263.2	1,264.5	1,265.5	698.9	699.3	688.1	689.8	690.4
271	Newspapers	423.3	422.6	424.9	423.6	-	161.4	161.8	159.5	158.7	-
272	Periodicals	96.8	97.4	100.4	100.8	-	18.5	19.1	21.7	21.7	-
273	Books	98.9	97.3	97.5	97.7	-	89.6	88.0	89.8	89.6	-
2731	Book publishing	69.8	68.8	69.0	68.4	-	25.9	26.8	26.2	25.9	-
2732	Book printing	29.1	28.5	28.5	29.3	-	23.7	23.2	23.2	23.7	-
274	Miscellaneous publishing	47.6	47.2	48.5	48.7	-	28.9	29.3	28.9	29.1	-
275	Commercial printing	415.5	421.2	410.0	411.5	-	305.1	308.9	299.7	301.1	-
2751	Commercial printing, letterpress	153.9	156.7	148.9	148.9	-	111.2	116.2	109.6	111.0	-
2752	Commercial printing, lithographic	239.0	242.0	239.0	240.3	-	173.6	175.8	172.6	173.7	-
276	Manifold business forms	49.2	49.4	48.5	48.4	-	34.1	34.4	34.0	33.7	-
278	Blankbooks and bookbinding	64.4	64.0	62.7	62.8	-	52.9	52.2	51.0	51.2	-
279	Printing trade services	43.9	44.5	44.7	44.7	-	32.3	32.8	32.9	32.9	-
28	**CHEMICALS AND ALLIED PRODUCTS**	1,112.0	1,110.1	1,074.3	1,074.0	1,067.8	631.3	629.8	593.6	593.3	591.6
281	Industrial inorganic chemicals	160.2	160.2	153.2	153.2	-	87.5	87.9	80.6	81.1	-
2819	Industrial inorganic chemicals, nec	105.6	105.4	100.8	100.5	-	57.6	57.5	52.8	53.6	-
282	Plastics materials and synthetics	195.5	195.1	182.9	180.7	-	130.0	129.2	117.6	117.5	-
2821	Plastics materials and resins	78.6	79.0	74.1	74.0	-	46.7	46.9	43.2	43.1	-
2824	Organic fibers, noncellulosic	82.7	82.6	77.2	75.8	-	58.3	58.2	53.3	53.5	-
283	Drugs	200.0	199.9	200.9	201.5	-	99.6	100.2	99.2	99.1	-
2834	Pharmaceutical preparations	158.2	158.0	157.9	158.6	-	77.3	77.6	75.7	77.1	-
284	Soap, cleaners, and toilet goods	145.6	147.2	145.2	147.8	-	92.0	93.1	93.6	93.9	-
2841	Soap and other detergents	44.2	44.5	43.9	44.8	-	29.0	29.8	28.1	29.1	-
2844	Toilet preparations	62.7	63.5	62.7	63.6	-	41.8	42.5	41.8	41.2	-
2842, 3	Polishing, sanitation, and finishing preparations	38.7	39.2	38.6	39.4	-	21.2	21.2	23.1	21.5	-
285	Paints and allied products	64.5	63.3	60.7	60.6	-	32.3	31.2	29.6	29.5	-
286	Industrial organic chemicals	180.3	179.7	174.7	174.2	-	91.1	90.2	83.5	83.7	-

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry – Continued

[In thousands]

1972 SIC Code	Industry	All employees					Production workers[1]				
		Aug. 1981	Sept. 1981	July 1982	Aug. 1982p	Sept. 1982p	Aug. 1981	Sept. 1981	July 1982	Aug. 1982p	Sept. 1982p
	CHEMICALS AND ALLIED PRODUCTS—Cont'd										
2865	Cyclic crudes and intermediates	38.1	38.0	35.5	35.7	–	23.5	23.5	21.9	21.9	–
2861,9	Gum, wood, and industrial organic chemicals, nec	142.2	141.7	139.2	136.5	–	67.6	66.7	65.6	65.9	–
287	Agricultural chemicals	70.3	69.5	65.5	64.7	–	43.5	43.0	38.8	38.1	–
289	Miscellaneous chemical products	95.6	95.2	91.2	91.3	–	55.3	55.0	50.7	50.9	–
29	PETROLEUM AND COAL PRODUCTS	220.7	218.0	209.3	209.6	213.3	138.0	135.8	125.5	126.9	129.8
291	Petroleum refining	177.3	175.3	168.8	168.2	–	106.6	105.2	96.8	95.2	–
295	Paving and roofing materials	31.1	30.5	28.7	29.6	–	23.7	23.1	21.9	22.5	–
30	RUBBER AND MISC. PLASTICS PRODUCTS	749.2	752.9	689.3	694.3	699.6	579.7	584.2	527.0	532.6	539.7
301	Tires and inner tubes	107.4	107.4	98.4	97.5	–	73.6	74.4	69.8	69.5	–
302	Rubber and plastics footwear	22.5	22.6	21.2	20.9	–	19.9	19.9	18.5	18.0	–
303,4	Reclaimed rubber, and rubber and plastics hose and belting	24.3	24.6	20.1	19.3	–	17.0	17.4	14.1	13.5	–
306	Fabricated rubber products, nec	106.8	107.7	94.0	94.8	–	83.4	84.3	70.9	71.9	–
307	Miscellaneous plastics products	488.2	490.6	455.6	461.8	–	385.8	388.2	353.7	359.6	–
31	LEATHER AND LEATHER PRODUCTS	239.1	237.4	198.4	211.2	210.3	202.6	201.6	168.7	177.5	177.2
311	Leather tanning and finishing	21.3	21.5	17.3	18.3	–	18.0	18.3	14.2	15.1	–
314	Footwear, except rubber	146.5	143.7	120.3	130.4	–	126.5	124.3	102.3	111.5	–
3143	Men's footwear, except athletic	58.7	58.9	46.1	51.5	–	50.4	50.5	37.9	42.8	–
3144	Women's footwear, except athletic	54.5	51.6	46.1	48.9	–	47.1	44.7	40.1	42.0	–
316	Luggage	15.3	15.3	13.3	12.4	–	11.8	11.6	9.6	9.3	–
317	Handbags and personal leather goods	30.6	31.2	25.8	27.3	–	25.2	25.6	20.8	22.8	–
	TRANSPORTATION AND PUBLIC UTILITIES	5,180	5,227	5,054	5,034	5,068	4,292	4,338	4,173	4,189	4,186
40	RAILROAD TRANSPORTATION	500.6	497.0	438.7	429.7	–	–	–	–	–	–
4011	Class I railroads[2]	461.9	457.9	401.7	395.8	–	–	–	–	–	–
41	LOCAL AND INTERURBAN PASSENGER TRANSIT	220.4	285.4	230.9	228.6	–	201.0	265.9	212.4	210.1	–
411	Local and suburban transportation	80.5	83.2	83.6	84.5	–	73.2	76.0	77.3	78.1	–
412	Taxicabs	45.4	46.2	43.5	43.5	–	–	–	–	–	–
413	Intercity highway transportation	40.4	39.7	38.8	39.4	–	37.1	36.2	35.7	36.1	–
415	School buses	37.2	97.6	47.3	43.8	–	–	–	–	–	–
42	TRUCKING AND WAREHOUSING	1,268.8	1,273.8	1,210.7	1,213.0	–	1,107.8	1,112.2	1,052.3	1,059.1	–
421,3	Trucking and trucking terminals	1,180.5	1,185.1	1,130.2	1,129.3	–	1,034.2	1,037.3	985.5	988.9	–
422	Public warehousing	88.3	88.7	80.5	83.7	–	73.6	74.9	66.8	70.1	–
44	WATER TRANSPORTATION	223.2	222.8	199.9	189.7	–	–	–	–	–	–
45	TRANSPORTATION BY AIR	462.4	456.5	444.1	445.1	–	–	–	–	–	–
451,2	Air transportation	410.9	404.8	392.4	393.9	–	–	–	–	–	–
46	PIPE LINES, EXCEPT NATURAL GAS	22.8	22.1	22.9	22.9	–	16.1	15.5	15.7	15.8	–
47	TRANSPORTATION SERVICES	222.4	220.0	226.5	225.8	–	–	–	–	–	–
48	COMMUNICATION	1,392.4	1,391.3	1,398.8	1,395.5	–	1,041.1	1,039.2	1,061.3	1,059.7	–
481	Telephone communication	1,082.1	1,077.7	1,070.8	1,066.6	–	787.6	782.9	789.7	786.6	–
483	Radio and television broadcasting	207.8	208.7	217.1	217.6	–	168.1	168.6	177.2	177.5	–
49	ELECTRIC, GAS, AND SANITARY SERVICES	867.4	857.6	881.3	884.1	–	711.2	701.7	718.6	719.9	–
491	Electric services	410.0	407.2	420.2	420.9	–	332.2	329.3	339.8	337.1	–
492	Gas production and distribution	180.5	175.9	183.1	184.4	–	148.0	143.2	148.3	149.2	–
493	Combination utility services	202.2	199.7	200.2	200.6	–	166.6	164.8	164.2	164.8	–
495	Sanitary services	50.8	51.3	54.2	54.5	–	44.5	45.0	47.6	47.1	–
	WHOLESALE AND RETAIL TRADE	20,664	20,731	20,600	20,560	20,569	18,052	18,125	17,999	17,997	17,939
50,51	WHOLESALE TRADE	5,402	5,388	5,315	5,304	5,282	4,395	4,380	4,299	4,291	4,267
50	WHOLESALE TRADE · DURABLE GOODS	3,201	3,187	3,126	3,119	–	2,598	2,583	2,511	2,501	–
501	Motor vehicles and automotive equipment	414.7	414.5	415.6	415.5	–	334.2	334.0	335.7	334.2	–
502	Furniture and home furnishing	116.7	117.8	116.6	117.0	–	95.1	96.2	95.7	96.2	–
503	Lumber and construction materials	193.5	190.7	182.2	183.0	–	159.3	156.8	149.7	149.8	–
504	Sporting goods, toys, and hobby goods	71.4	71.8	72.0	71.5	–	57.2	57.1	58.1	57.8	–
505	Metals and minerals, except petroleum	153.0	153.2	137.4	136.1	–	123.3	123.1	108.5	107.5	–
506	Electrical goods	434.6	435.1	434.6	434.0	–	350.5	349.5	346.6	346.7	–
507	Hardware, plumbing, and heating equipment	245.5	243.9	237.5	236.8	–	200.2	198.3	192.1	190.9	–

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry – Continued

[In thousands]

1972 SIC Code	Industry	All employees					Production workers[1]				
		Aug. 1981	Sept. 1981	July 1982	Aug. 1982P	Sept. 1982P	Aug. 1981	Sept. 1981	July 1982	Aug. 1982P	Sept. 1982P
	WHOLESALE TRADE-DURABLE GOODS—Continued										
508	Machinery, equipment, and supplies	1,365.6	1,353.3	1,352.5	1,349.2	-	1,103.9	1,092.5	1,078.3	1,072.2	-
509	Miscellaneous durable goods	206.2	206.4	177.6	176.0	-	178.2	178.6	147.3	145.6	-
51	WHOLESALE TRADE-NONDURABLE GOODS	2,201	2,201	2,189	2,185	-	1,797	1,797	1,786	1,780	-
511	Paper and paper products	155.0	154.7	157.8	158.6	-	125.6	125.2	127.9	127.7	-
512	Drugs, proprietaries, and sundries	150.8	150.2	155.1	154.3	-	127.1	126.8	130.8	130.1	-
513	Apparel, piece goods, and notions	170.1	169.9	169.8	170.1	-	133.1	132.9	133.1	133.0	-
514	Groceries and related products	674.9	670.7	666.5	663.1	-	579.7	576.9	574.3	569.9	-
516	Chemicals and allied products	134.1	133.9	136.7	137.0	-	96.9	96.3	97.4	97.7	-
517	Petroleum and petroleum products	235.3	233.8	234.3	231.0	-	177.3	175.6	175.9	173.3	-
518	Beer, wine, and distilled beverages	145.0	143.7	148.8	147.2	-	121.6	120.4	124.1	123.4	-
519	Miscellaneous nondurable goods	394.0	397.3	396.9	396.6	-	320.2	322.1	323.6	323.9	-
52-59	RETAIL TRADE	15,262	15,383	15,285	15,256	15,287	13,657	13,745	13,700	13,666	13,677
52	BUILDING MATERIALS AND GARDEN SUPPLIES	613.1	608.9	598.1	594.8	-	518.0	513.2	504.6	501.7	-
521	Lumber and other building materials	324.3	320.2	314.0	312.0	-	274.7	271.0	266.1	264.0	-
525	Hardware stores	150.0	149.9	147.2	147.4	-	128.1	127.8	125.7	125.9	-
53	GENERAL MERCHANDISE STORES	2,210.8	2,222.7	2,199.0	2,191.0	-	1,999.8	2,017.3	2,039.5	2,031.3	-
531	Department stores	1,851.9	1,863.0	1,845.2	1,838.5	-	1,675.5	1,692.8	1,720.0	1,711.7	-
533	Variety stores	230.2	231.3	221.3	220.1	-	213.6	218.8	204.6	202.7	-
539	Misc. general merchandise stores	128.7	128.4	132.5	132.4	-	110.3	110.1	114.9	113.9	-
54	FOOD STORES	2,421.2	2,448.6	2,465.2	2,460.9	-	2,249.9	2,272.2	2,285.9	2,285.0	-
541	Grocery stores	2,127.2	2,149.0	2,166.2	2,165.6	-	1,982.3	2,003.4	2,018.5	2,019.0	-
542	Meat markets and freezer provisioners	54.9	55.0	55.9	55.3	-	-	-	-	-	-
546	Retail bakeries	125.1	127.4	125.1	126.8	-	115.1	117.1	115.1	116.2	-
55	AUTOMOTIVE DEALERS AND SERVICE STATIONS	1,660.2	1,657.2	1,659.8	1,652.5	-	1,407.5	1,406.2	1,401.5	1,392.6	-
551,2	New and used car dealers	748.2	745.9	738.1	736.4	-	612.9	614.6	605.7	601.9	-
553	Auto and home supply stores	268.9	270.4	277.1	276.7	-	233.2	234.3	238.9	239.1	-
554	Gasoline service stations	562.2	558.3	556.6	555.2	-	491.7	489.8	485.5	483.2	-
56	APPAREL AND ACCESSORY STORES	949.2	958.5	948.3	954.8	-	812.1	819.6	803.7	811.8	-
561	Men's and boys' clothing and furnishings	124.6	126.0	125.6	123.2	-	105.8	106.9	106.2	104.1	-
562	Women's ready-to-wear stores	340.1	345.3	341.2	343.5	-	294.7	299.3	293.0	293.6	-
565	Family clothing stores	177.2	177.9	174.0	178.8	-	155.8	155.8	151.5	156.2	-
566	Shoe stores	206.1	206.9	207.2	209.6	-	169.8	169.9	167.6	170.6	-
57	FURNITURE AND HOME FURNISHINGS STORES	595.7	597.7	587.6	586.6	-	491.7	493.1	485.6	484.9	-
571	Furniture and home furnishings stores	371.8	371.9	362.2	360.9	-	307.6	307.9	299.5	297.9	-
572	Household appliance stores	78.6	78.7	81.2	80.4	-	67.3	66.9	68.6	67.9	-
573	Radio, television, and music stores	145.3	147.1	144.2	145.3	-	116.8	118.3	117.5	119.3	-
58	EATING AND DRINKING PLACES	4,878.0	4,891.9	4,877.2	4,861.5	-	4,492.6	4,512.5	4,485.0	4,469.8	-
59	MISCELLANEOUS RETAIL	1,933.7	1,961.7	1,949.8	1,949.5	-	1,685.8	1,711.3	1,693.9	1,692.7	-
591	Drug stores and proprietary stores	500.7	497.8	498.6	494.5	-	452.2	449.6	442.8	440.7	-
592	Liquor stores	136.1	133.3	136.3	133.5	-	-	-	-	-	-
594	Miscellaneous shopping goods stores	607.9	627.0	629.4	629.0	-	519.2	536.8	537.2	536.1	-
596	Nonstore retailers	258.9	272.4	263.8	268.1	-	238.7	251.7	243.5	247.0	-
598	Fuel and ice dealers	99.8	100.3	99.9	100.0	-	82.8	83.0	82.6	82.8	-
599	Retail stores, nec	267.5	268.0	261.9	260.7	-	223.8	223.7	219.1	217.9	-
	FINANCE, INSURANCE, AND REAL ESTATE[1]	5,374	5,327	5,423	5,415	5,367	4,970	4,928	4,973	4,959	4,917
60	BANKING	1,644.9	1,672.3	1,667.5	1,663.4	-	1,258.0	1,285.9	1,281.3	1,287.7	-
602	Commercial and stock savings banks	1,499.0	1,487.2	1,520.4	1,516.3	-	1,140.2	1,129.8	1,133.5	1,129.9	-
61	CREDIT AGENCIES OTHER THAN BANKS	585.7	582.0	588.2	588.2	-	488.8	480.7	484.5	484.1	-
612	Savings and loan associations	264.3	263.7	274.4	274.9	-	200.1	199.2	209.8	209.9	-
614	Personal credit institutions	203.2	201.3	193.4	193.4	-	157.4	155.4	147.9	147.3	-
62	SECURITY, COMMODITY BROKERS, AND SERVICES	268.5	267.6	280.5	280.7	-	-	-	-	-	-
621	Security brokers and dealers	221.0	221.0	233.5	233.8	-	-	-	-	-	-
63	INSURANCE CARRIERS	1,236.4	1,229.3	1,230.9	1,228.4	-	855.7	848.9	841.2	839.3	-
631	Life insurance	541.4	538.3	543.1	543.1	-	337.1	334.0	338.6	339.2	-

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry – Continued

[In thousands]

1972 SIC Code	Industry	All employees					Production workers[1]				
		Aug. 1981	Sept. 1981	July 1982	Aug. 1982P	Sept. 1982P	Aug. 1981	Sept. 1981	July 1982	Aug. 1982P	Sept. 1982P
	INSURANCE CARRIERS—Continued										
632	Medical service and health insurance	142.5	141.8	142.0	141.3	-	112.8	112.1	112.4	111.8	-
633	Fire, marine, and casualty insurance	477.5	474.7	473.8	472.6	-	347.4	344.3	336.3	337.9	-
64	INSURANCE AGENTS, BROKERS, AND SERVICE	468.1	466.5	478.8	477.6	-	-	-	-	-	-
65	REAL ESTATE	1,028.1	1,027.0	1,027.4	1,025.9	-	-	-	-	-	-
651	Real estate operators and lessors	482.0	475.9	494.7	495.2	-	-	-	-	-	-
653	Real estate agents and managers	388.3	388.1	385.6	384.5	-	-	-	-	-	-
655	Subdividers and developers	137.2	131.0	129.2	128.3	-	-	-	-	-	-
66	COMBINED REAL ESTATE, INSURANCE, ETC	19.3	19.3	19.3	19.2	-	-	-	-	-	-
67	HOLDING AND OTHER INVESTMENT OFFICES	123.1	122.7	131.1	131.9	-	-	-	-	-	-
-	SERVICES	18,771	18,780	19,198	19,156	19,092	16,705	16,663	17,083	16,995	16,938
70	HOTELS AND OTHER LODGING PLACES	1,243.1	1,153.8	1,196.6	1,209.6	-	-	-	-	-	-
701	Hotels, motels, and tourist courts	1,158.4	1,110.1	1,120.7	1,128.1	-	1,063.8	1,017.7	1,029.3	1,034.1	-
72	PERSONAL SERVICES	892.0	897.7	909.1	905.6	-	-	-	-	-	-
721	Laundry, cleaning, and garment services	349.5	350.4	349.0	347.5	-	312.8	312.9	311.5	309.6	-
723	Beauty shops	282.2	285.8	294.4	293.6	-	262.4	265.1	270.4	269.5	-
726	Funeral service and crematories	71.9	71.2	74.5	74.5	-	-	-	-	-	-
73	BUSINESS SERVICES	3,307.6	3,311.7	3,312.2	3,327.6	-	2,892.0	2,893.2	2,887.6	2,899.1	-
731	Advertising	156.0	154.9	159.9	158.7	-	120.0	118.9	123.2	122.0	-
732	Credit reporting and collection	76.0	75.9	76.0	75.5	-	-	-	-	-	-
733	Mailing, reproduction, stenographic	128.1	129.7	131.4	131.0	-	-	-	-	-	-
734	Services to buildings	521.5	523.0	539.6	540.1	-	473.4	474.7	491.8	492.5	-
736	Personnel supply services	634.5	625.4	558.8	561.6	-	-	-	-	-	-
737	Computer and data processing services	339.0	341.8	356.6	357.1	-	278.3	280.0	291.8	293.9	-
75	AUTO REPAIR, SERVICES, AND GARAGES	573.5	576.0	581.7	588.8	-	488.8	490.4	491.6	493.6	-
753	Automotive repair shops	357.3	357.6	363.2	365.6	-	302.5	302.1	303.4	305.1	-
76	MISCELLANEOUS REPAIR SERVICES	298.1	299.4	295.6	292.8	-	251.4	252.3	249.7	247.5	-
78	MOTION PICTURES	221.5	223.2	228.6	225.4	-	192.1	193.5	198.6	195.8	-
781	Motion picture production and services	75.3	81.1	79.9	78.6	-	60.7	66.3	64.9	63.9	-
783	Motion picture theaters	135.3	130.9	138.3	136.8	-	-	-	-	-	-
79	AMUSEMENT AND RECREATION SERVICES	872.9	826.7	876.5	868.8	-	797.5	751.6	802.1	802.0	-
80	HEALTH SERVICES	5,609.4	5,612.3	5,818.5	5,832.4	-	5,021.9	5,022.3	5,218.2	5,220.8	-
801	Offices of physicians	794.6	795.2	821.5	825.9	-	655.9	656.1	672.9	677.2	-
802	Offices of dentists	362.1	362.7	388.7	387.3	-	319.6	319.8	344.3	343.9	-
805	Nursing and personal care facilities	1,039.9	1,039.7	1,074.0	1,076.9	-	941.5	941.0	973.1	975.7	-
806	Hospitals	2,929.8	2,930.4	3,030.4	3,030.1	-	2,686.5	2,688.1	2,783.7	2,783.7	-
81	LEGAL SERVICES	544.6	536.7	583.4	577.7	-	466.0	457.1	494.7	488.7	-
82	EDUCATIONAL SERVICES	987.0	1,115.3	597.6	577.5	-	-	-	-	-	-
821	Elementary and secondary schools	263.6	297.7	271.8	264.7	-	-	-	-	-	-
822	Colleges and universities	610.4	706.6	607.6	594.6	-	-	-	-	-	-
83	SOCIAL SERVICES	1,153.2	1,144.8	1,188.6	1,181.1	-	-	-	-	-	-
86	MEMBERSHIP ORGANIZATIONS	1,523.6	1,511.8	1,547.7	1,530.0	-	-	-	-	-	-
89	MISCELLANEOUS SERVICES	1,058.5	1,048.4	1,069.5	1,065.2	-	882.5	870.7	891.7	889.1	-
891	Engineering and architectural services	582.6	574.2	578.0	574.4	-	494.8	483.7	475.2	471.7	-
893	Accounting, auditing, and bookkeeping	333.9	334.1	349.3	349.4	-	268.5	269.0	279.1	279.8	-
	GOVERNMENT	15,097	15,529	15,008	14,668	15,197	-	-	-	-	-
-	FEDERAL GOVERNMENT	2,803	2,735	2,794	2,773	2,704	-	-	-	-	-
	Executive, by agency[4]	2,748.1	2,680.8	2,737.6	2,716.5	-	-	-	-	-	-
	Department of Defense	930.7	903.3	960.5	954.1	-	-	-	-	-	-
-	Postal Service	663.3	660.2	665.6	663.8	-	-	-	-	-	-
-	Other executive agencies	1,154.1	1,117.3	1,107.5	1,098.6	-	-	-	-	-	-
-	Legislative	39.7	38.5	40.9	40.3	-	-	-	-	-	-
-	Judicial	15.3	15.5	15.7	15.8	-	-	-	-	-	-

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry—Continued

[In thousands]

1972 SIC Code	Industry	All employees					Production workers[1]				
		Aug. 1981	Sept. 1981	July 1982	Aug. 1982p	Sept. 1982p	Aug. 1981	Sept. 1981	July 1982	Aug. 1982p	Sept. 1982p
	FEDERAL GOVERNMENT—Continued										
--	Federal Government, by industry										
--	Manufacturing activities										
3731	Shipbuilding and repairing	133.2	129.1	139.6	138.0	-	-	-	-	-	-
--	Transportation and public utilities, except Postal Service	78.4	75.7	82.8	81.9	-	-	-	-	-	-
--	Services	42.4	42.4	42.5	42.5	-	-	-	-	-	-
806	Federal government hospitals	400.4	395.4	406.1	404.6	-	-	-	-	-	-
		232.7	231.0	238.4	238.0	-	-	-	-	-	-
--	STATE AND LOCAL GOVERNMENT	12,294	12,798	12,218	12,091	12,493	-	-	-	-	-
--	State government	3,421.4	3,588.8	3,386.7	3,380.1	-	-	-	-	-	-
806	State government hospitals	520.6	517.6	518.8	516.8	-	-	-	-	-	-
82	State education	1,166.7	1,336.5	1,147.5	1,145.4	-	-	-	-	-	-
--	General administration including executive, legislative, and judicial functions	1,070.7	1,047.8	1,073.8	1,067.8	-	-	-	-	-	-
--	Local government	8,872.1	9,206.9	8,827.3	8,711.0	-	-	-	-	-	-
806	Transportation and public utilities	581.2	581.2	589.2	589.4	-	-	-	-	-	-
82	Local government hospitals	630.1	629.1	650.7	650.8	-	-	-	-	-	-
--	Local education	4,250.8	4,920.2	4,212.0	4,129.1	-	-	-	-	-	-
--	General administration including executive, legislative, and judicial functions	3,017.3	2,798.0	3,027.4	2,986.9	-	-	-	-	-	-

[1] Data relate to production and related workers in mining and manufacturing, to construction workers in construction, and to nonsupervisory workers in transportation and public utilities, wholesale and retail trade, finance, insurance, and real estate, and services.

[2] Beginning January 1978, data relate to line haul railroads with operating revenues of $50,000,000 or more.

[3] Data for nonoffice sales agents excluded from nonsupervisory count for all series in this division.

[4] Prepared by the Office of Personnel Management. Data relate to civilian employment only and exclude Central Intelligence and National Security Agencies.

- Data not available.
p = preliminary.

NOTE: Data from April 1981 forward are subject to revision when more rece benchmark data are introduced. See "Benchmark adjustment" in the Explanatory Not of this publication.

B-3. Women employees on nonagricultural payrolls by industry

[In thousands]

1972 SIC Code	Industry	June 1981	July 1981	May 1982	June 1982	July 1982
—	TOTAL	39,216	38,363	39,166	39,358	38,697
—	PRIVATE SECTOR	31,810	31,289	31,899	31,578	31,163
—	MINING	131	134	130	141	138
10	METAL MINING	10.0	10.0	6.6	6.8	6.8
11, 12	COAL MINING	10.6	11.1	11.7	11.5	11.5
13	OIL AND GAS EXTRACTION	100.2	103.0	111.7	113.0	111.3
131, 2	Crude petroleum, natural gas, and natural gas liquids	64.0	66.0	69.8	71.1	71.6
138	Oil and gas field services	36.2	37.0	42.3	41.9	39.7
14	NONMETALLIC MINERALS, EXCEPT FUELS	10.3	10.3	9.5	9.7	9.7
142	Crushed and broken stone	2.8	2.8	2.7	2.8	2.7
144	Sand and gravel	3.3	3.3	3.0	3.1	3.2
—	CONSTRUCTION	387	391	381	396	387
15	GENERAL BUILDING CONTRACTORS	130.2	130.8	120.7	121.9	122.7
152	Residential building construction	78.0	78.5	68.6	69.8	70.5
153	Operative builders	14.9	14.8	13.5	13.4	13.5
154	Nonresidential building construction	41.3	41.5	38.6	38.7	38.7
16	HEAVY CONSTRUCTION CONTRACTORS	65.8	67.5	63.6	66.5	66.8
161	Highway and street construction	19.1	19.4	14.3	15.4	16.1
162	Heavy construction, except highway	46.7	48.1	49.3	51.1	50.7
17	SPECIAL TRADE CONTRACTORS	191.2	192.8	196.5	197.2	198.1
171	Plumbing, heating, air conditioning	52.1	52.4	52.3	52.9	53.8
172	Painting, paper hanging, decorating	12.1	12.0	11.9	11.9	12.4
173	Electrical work	36.5	36.7	37.7	38.0	39.2
174	Masonry, stonework, and plastering	21.4	21.6	21.6	21.0	21.6
175	Carpentering and flooring	14.5	14.6	13.6	13.7	13.9
176	Roofing and sheet metal work	12.5	12.6	12.6	12.7	12.6
—	MANUFACTURING	6,416	6,333	6,080	6,089	5,936
24, 25, 32-39	DURABLE GOODS	3,083	3,046	2,886	2,880	2,822
20-23, 26-31	NONDURABLE GOODS	3,333	3,287	3,194	3,169	3,094
	DURABLE GOODS					
24	LUMBER AND WOOD PRODUCTS	105.2	104.2	91.7	92.2	91.4
241	Logging camps and logging contractors	5.5	5.7	5.8	5.7	5.8
242	Sawmills and planing mills	20.4	20.2	17.3	17.7	17.8
2421	Sawmills and planing mills, general	14.4	14.5	12.2	12.4	12.4
243	Millwork, plywood, and structural members	41.7	41.5	35.8	35.7	35.3
244	Wood containers	7.1	7.0	6.9	6.8	6.7
245	Wood buildings and mobile homes	9.2	8.8	7.5	7.3	7.8
249	Miscellaneous wood products	21.3	21.0	19.2	18.9	19.4
25	FURNITURE AND FIXTURES	141.9	138.8	132.6	131.2	126.1
251	Household furniture	99.9	97.3	91.4	89.6	88.9
2511	Wood household furniture	42.1	41.1	38.7	37.7	36.3
2512	Upholstered household furniture	32.3	31.7	29.3	29.1	29.1
2515	Mattresses and bedsprings	8.7	8.6	8.0	7.8	7.6
252	Office furniture	14.1	13.7	13.8	13.7	13.4
253	Public building and related furniture	5.1	5.1	5.2	5.2	5.2
254	Partitions and fixtures	10.7	10.7	10.1	10.2	10.1
259	Miscellaneous furniture and fixtures	12.0	12.0	12.1	12.4	12.6
32	STONE, CLAY, AND GLASS PRODUCTS	128.2	127.3	116.3	116.7	115.6
322	Glass and glassware, pressed or blown	41.3	41.0	36.5	36.7	36.8
3221	Glass containers	23.4	23.4	21.6	21.8	21.7
3229	Pressed and blown glass, nec	17.9	17.6	14.9	14.9	15.1
323	Products of purchased glass	13.3	13.1	12.0	12.1	12.1
324	Cement, hydraulic	1.9	1.9	1.7	1.7	1.7
325	Structural clay products	6.5	6.4	5.7	5.7	5.6
326	Pottery and related products	14.6	14.7	13.7	13.5	13.7
327	Concrete, gypsum, and plaster products	15.5	15.3	14.5	14.9	14.9
329	Misc. nonmetallic mineral products	31.8	31.7	28.0	28.9	29.1
33	PRIMARY METAL INDUSTRIES	128.0	125.0	106.5	106.0	103.2
331	Blast furnace and basic steel products	42.8	42.6	31.9	30.9	29.9
3312	Blast furnaces and steel mills	32.2	32.2	22.7	21.9	21.8
332	Iron and steel foundries	18.2	18.0	15.9	15.9	15.6

B-3. Women employees on nonagricultural payrolls by industry — Continued

(In thousands)

1972 SIC Code	Industry	June 1981	July 1981	May 1982	June 1982	July 1982
	PRIMARY METAL INDUSTRIES —Continued					
3321	Gray iron foundries	8.8	8.7	6.9	7.0	6.9
3322	Malleable iron foundries	1.2	1.1	.9	1.0	1.0
3325	Steel foundries, nec	4.5	4.5	4.0	3.9	3.9
333	Primary nonferrous metals	5.4	5.2	4.4	4.3	4.2
3334	Primary aluminum	2.5	2.4	1.9	1.8	1.7
335	Nonferrous rolling and drawing	40.1	38.4	34.8	34.9	34.6
3351	Copper rolling and drawing	3.6	3.5	3.0	3.0	3.0
3353	Aluminum sheet, plate, and foil	4.2	4.1	3.1	3.2	3.2
3357	Nonferrous wire drawing and insulating	24.1	22.6	21.5	21.5	21.3
336	Nonferrous foundries	15.7	15.0	14.0	14.5	14.4
3361	Aluminum foundries	8.2	7.8	7.3	7.5	7.6
34	**FABRICATED METAL PRODUCTS**	343.3	337.8	307.1	307.5	298.7
341	Metal cans and shipping containers	13.1	12.9	11.7	12.0	11.6
3411	Metal cans	11.2	11.0	9.9	10.1	9.9
342	Cutlery, hand tools, and hardware	55.7	54.6	46.4	46.2	45.4
3423, 5	Hand and edge tools, and hand saws and blades	15.9	15.4	13.4	13.1	12.6
3429	Hardware, nec	33.1	32.4	26.9	27.1	26.7
343	Plumbing and heating, except electric	16.8	17.0	16.6	16.5	16.2
344	Fabricated structural metal products	74.0	73.9	67.3	67.8	67.6
3441	Fabricated structural metal	7.8	7.8	7.3	7.1	6.9
3442	Metal doors, sash, and trim	21.5	21.7	19.5	20.3	20.6
3443	Fabricated plate work (boiler shops)	19.0	19.0	17.3	17.1	17.1
3444	Sheet metal work	15.7	15.5	14.5	14.4	14.4
345	Screw machine products, bolts, etc.	23.9	23.6	20.9	21.0	20.5
3451	Screw machine products	11.8	11.5	10.4	10.5	10.2
3452	Bolts, nuts, rivets, and washers	12.1	12.1	10.5	10.5	10.3
346	Metal forgings and stampings	55.1	52.3	46.3	46.3	43.2
3462	Iron and steel forgings	4.3	4.3	3.5	3.4	3.3
3465	Automotive stampings	15.3	14.0	12.6	12.9	12.3
3469	Metal stampings, nec	32.8	31.4	27.8	27.6	25.3
347	Metal services, nec	24.1	24.1	22.5	22.6	20.8
3471	Plating and polishing	17.3	17.3	16.6	16.7	15.1
3479	Metal coating and allied services	6.8	6.8	5.9	5.9	5.7
348	Ordnance and accessories, nec	19.8	19.4	20.0	20.3	20.2
349	Misc. fabricated metal products	60.8	60.0	55.4	54.8	53.2
3494	Valves and pipe fittings	23.4	23.3	21.3	20.9	20.2
3496	Misc. fabricated wire products	14.3	13.9	13.8	13.7	13.1
35	**MACHINERY, EXCEPT ELECTRICAL**	511.9	509.6	499.0	492.7	480.7
351	Engines and turbines	23.3	23.5	21.7	20.6	20.0
3511	Turbines and turbine generator sets	6.6	6.6	6.4	6.4	6.3
3519	Internal combustion engines, nec	16.7	16.9	15.3	14.2	13.7
352	Farm and garden machinery	24.1	24.0	24.2	22.9	19.8
3523	Farm machinery and equipment	19.3	19.2	16.7	16.3	15.3
353	Construction and related machinery	52.9	53.5	51.3	49.2	47.1
3531	Construction machinery	15.5	15.4	14.4	13.6	12.9
3533	Oil field machinery	17.1	17.7	18.7	17.7	16.6
354	Metalworking machinery	59.8	58.6	51.9	51.1	49.1
3541	Machine tools, metal cutting types	10.7	10.7	9.0	8.6	9.1
3544	Special dies, tools, jigs, and fixtures	16.8	16.6	14.8	14.9	14.6
3545	Machine tool accessories	14.1	13.8	12.2	12.1	11.7
355	Special industry machinery	30.6	30.2	27.6	27.6	26.9
3551	Food products machinery	5.8	5.7	5.4	5.8	5.2
3552	Textile machinery	5.1	4.9	4.5	4.5	4.3
3555	Printing trades machinery	6.8	6.9	7.0	7.2	7.1
356	General industrial machinery	64.8	63.7	58.5	58.1	56.9
3561	Pumps and pumping equipment	11.6	11.5	10.8	10.5	10.4
3562	Ball and roller bearings	14.1	13.7	12.4	13.1	12.3
357	Office and computing machines	167.2	169.1	181.4	181.9	181.0
3573	Electronic computing equipment	140.5	142.3	155.0	156.0	157.0
358	Refrigeration and service machinery	39.7	38.0	35.6	35.0	34.1
3585	Refrigeration and heating equipment	26.7	25.1	23.7	23.2	22.6
359	Misc. machinery, except electrical	49.5	49.0	46.8	46.3	44.8
3599	Machinery, except electrical, nec	39.2	38.9	37.5	37.2	36.1
36	**ELECTRIC AND ELECTRONIC EQUIPMENT**	903.7	891.9	866.2	868.8	846.8
361	Electric distributing equipment	47.5	45.1	42.5	42.1	40.3
3612	Transformers	19.6	18.7	17.8	17.9	17.4
3613	Switchgear and switchboard apparatus	27.9	26.4	24.7	24.7	22.9
362	Electrical industrial apparatus	93.1	91.9	82.3	81.5	78.4
3621	Motors and generators	51.8	50.6	43.9	43.8	41.5
3622	Industrial controls	29.2	29.0	27.7	27.0	26.7
363	Household appliances	61.2	60.8	52.3	53.2	50.1
3632	Household refrigerators and freezers	10.9	10.7	8.3	8.5	7.5
3633	Household laundry equipment	4.9	5.0	3.6	3.5	4.0
3634	Electric housewares and fans	28.1	28.5	25.4	26.8	23.9
364	Electric lighting and wiring equipment	94.2	90.8	84.9	84.1	80.6
3641	Electric lamps	20.9	19.4	20.3	19.8	18.4

B-3. Women employees on nonagricultural payrolls by industry—Continued

[In thousands]

1972 SIC Code	Industry	June 1981	July 1981	May 1982	June 1982	July 1982
	ELECTRIC AND ELECTRONIC EQUIPMENT—Continued					
3643	Current-carrying wiring devices	41.5	40.5	36.8	37.3	35.2
365	Radio and TV receiving equipment	57.0	56.5	50.9	50.0	48.2
3651	Radio and TV receiving sets	42.6	42.2	37.7	38.2	35.9
366	Communication equipment	212.7	211.7	211.1	210.0	209.7
3661	Telephone and telegraph apparatus	75.0	74.3	69.7	68.3	68.1
3662	Radio and TV communication equipment	137.7	137.4	141.4	141.7	141.6
367	Electronic components and accessories	285.0	282.1	287.1	288.8	285.8
3671,3	Electronic tubes	16.6	16.7	16.0	16.2	16.0
3674	Semiconductors and related devices	102.8	102.5	105.5	106.5	107.8
3679	Electronic components, nec	116.8	114.3	119.5	119.9	118.6
369	Misc. electrical equipment and supplies	53.0	53.0	55.1	55.1	53.7
3694	Engine electrical equipment	22.9	23.0	24.8	24.8	24.0
37	**TRANSPORTATION EQUIPMENT**	314.7	312.3	285.9	286.2	286.0
371	Motor vehicles and equipment	117.7	113.9	100.7	100.6	100.8
3711	Motor vehicles and car bodies	43.9	42.7	38.1	33.5	34.6
3713	Truck and bus bodies	4.2	4.2	3.4	3.3	3.4
3714	Motor vehicle parts and accessories	66.2	63.7	59.7	60.4	59.3
372	Aircraft and parts	124.2	124.5	117.5	117.5	117.5
3721	Aircraft	67.7	68.6	64.8	64.9	64.7
3724	Aircraft engines and engine parts	29.0	28.6	25.8	25.6	25.5
3728	Aircraft equipment, nec	27.5	27.3	26.9	27.0	27.3
373	Ship and boat building and repairing	24.9	25.5	23.5	23.2	23.1
3731	Ship building and repairing	18.6	19.2	17.3	17.0	17.1
374	Railroad equipment	5.9	5.9	4.1	4.1	4.0
376	Guided missiles, space vehicles, parts	27.3	27.9	29.2	29.4	29.5
3761	Guided missiles and space vehicles	22.2	22.7	23.9	24.1	24.2
379	Miscellaneous transportation equipment	7.8	7.5	7.1	7.2	6.9
38	**INSTRUMENTS AND RELATED PRODUCTS**	312.3	309.4	303.2	304.3	298.8
381	Engineering and scientific instruments	24.6	24.5	24.2	24.3	24.0
382	Measuring and controlling devices	112.3	110.8	105.6	105.2	102.9
3822	Environmental controls	23.4	23.9	21.1	21.1	20.5
3823	Process control instruments	21.0	20.7	19.6	19.6	18.9
3825	Instruments to measure electricity	48.9	47.9	47.9	47.9	47.5
383	Optical instruments and lenses	11.8	11.9	11.8	11.7	11.7
384	Medical instruments and supplies	87.1	85.6	88.1	88.4	86.5
3841	Surgical and medical instruments	43.1	42.8	43.3	44.0	43.4
3842	Surgical appliances and supplies	36.0	34.9	37.0	36.7	35.5
385	Ophthalmic goods	24.5	24.1	22.3	22.8	21.7
386	Photographic equipment and supplies	40.6	41.0	40.5	41.5	41.7
387	Watches, clocks, and watchcases	11.4	11.5	10.7	10.8	10.3
39	**MISCELLANEOUS MANUFACTURING INDUSTRIES**	194.1	190.1	177.9	178.4	177.3
391	Jewelry, silverware, and plated ware	25.9	24.1	25.3	25.3	24.1
393	Musical instruments	10.0	9.9	9.0	8.6	9.6
394	Toys and sporting goods	63.2	63.3	56.0	56.3	55.2
3942, 4	Dolls, games, toys, and children's vehicles	34.6	35.5	29.1	30.0	30.1
3949	Sporting and athletic goods, nec	28.6	27.8	26.9	26.3	25.1
395	Pens, pencils, office and art supplies	20.2	20.4	18.8	18.6	18.1
396	Costume jewelry and notions	26.9	24.7	23.3	23.7	21.5
399	Miscellaneous manufactures	47.9	47.7	45.5	45.9	44.8
	NONDURABLE GOODS					
20	**FOOD AND KINDRED PRODUCTS**	489.8	510.4	469.5	479.2	508.5
201	Meat products	117.0	117.2	113.1	114.4	113.5
2011	Meat packing plants	28.4	28.3	27.1	26.6	26.2
2013	Sausages and other prepared meats	21.4	21.4	21.0	21.2	21.1
2016	Poultry dressing plants	60.5	61.4	58.3	59.6	59.4
202	Dairy products	38.2	38.2	36.2	37.3	37.6
2026	Fluid milk	17.1	17.1	16.1	16.4	16.4
203	Preserved fruits and vegetables	88.1	107.6	83.1	86.2	109.6
2032	Canned specialties	8.1	8.3	8.0	8.0	8.1
2033	Canned fruits and vegetables	24.5	43.9	22.1	23.0	41.0
2037	Frozen fruits and vegetables	22.4	20.2	20.6	21.5	23.2
204	Grain mill products	29.3	29.0	28.2	28.7	29.1
205	Bakery products	57.7	57.4	57.7	58.6	58.9
2051	Bread, cake, and related products	38.6	38.1	38.9	39.3	39.4
2052	Cookies and crackers	19.1	19.3	18.8	19.3	19.5
206	Sugar and confectionery products	38.6	38.6	37.7	38.3	37.7
207	Fats and oils	5.7	5.8	5.6	5.8	5.8
208	Beverages	41.6	42.5	43.5	44.0	43.5
2082	Malt beverages	7.6	8.1	8.5	8.4	8.2
2086	Bottled and canned soft drinks	18.6	19.2	19.7	20.3	20.1
209	Misc. foods and kindred products	73.6	74.1	64.1	66.0	59.8
21	**TOBACCO MANUFACTURES**	23.0	23.0	21.0	21.4	20.9
211	Cigarettes	15.3	15.3	13.7	14.4	13.6

B-3. Women employees on nonagricultural payrolls by industry—Continued

(In thousands)

1972 SIC Code	Industry	June 1991	July 1981	May 1982	June 1982	July 1982
22	TEXTILE MILL PRODUCTS	356.6	388.9	361.9	355.8	346.7
221	Weaving mills, cotton	61.6	60.9	55.5	53.3	51.2
222	Weaving mills, synthetics	46.5	46.3	39.6	36.0	37.4
223	Weaving and finishing mills, wool	7.5	6.8	6.7	6.5	6.1
224	Narrow fabric mills	10.8	13.9	13.6	13.5	11.8
225	Knitting mills	142.6	140.3	132.5	134.1	130.7
2251	Women's hosiery, except socks	24.8	24.5	23.9	24.3	23.9
2252	Hosiery, nec	20.1	20.0	22.1	22.3	23.3
2253	Knit outerwear mills	51.3	51.0	49.3	50.1	48.4
2254	Knit underwear mills	23.0	21.9	20.3	20.7	20.0
2257	Circular knit fabric mills	11.3	11.2	9.9	9.7	9.3
226	Textile finishing, except wool	21.5	20.4	20.5	20.5	19.8
2261	Finishing plants, cotton	9.6	9.1	9.8	9.7	9.4
2262	Finishing plants, synthetic	6.1	5.8	5.4	5.4	5.2
227	Floor covering mills	22.3	22.2	20.9	20.9	20.0
228	Yarn and thread mills	60.5	59.1	55.2	54.1	52.2
2281	Yarn mills, except wool	38.5	38.1	35.6	35.1	34.2
2282	Throwing and winding mills	12.0	11.4	10.4	10.3	9.5
229	Miscellaneous textile goods	19.7	19.0	17.4	16.9	16.5
23	APPAREL AND OTHER TEXTILE PRODUCTS	1,026.9	980.3	944.1	951.4	875.6
231	Men's and boys' suits and coats	60.3	58.3	57.9	58.4	53.0
232	Men's and boys' furnishings	300.7	290.6	278.1	280.3	265.1
2321	Men's and boys' shirts and nightwear	86.1	84.0	80.7	82.6	78.5
2327	Men's and boys' separate trousers	61.0	59.2	57.7	57.1	54.7
2328	Men's and boys' work clothing	86.3	82.3	78.3	79.8	75.1
233	Women's and misses' outerwear	355.4	334.2	320.7	323.0	279.4
2331	Women's and misses' blouses and waists	55.7	54.8	52.7	53.4	47.9
2335	Women's and misses' dresses	122.0	111.0	110.5	110.1	96.9
2337	Women's and misses' suits and coats	52.8	50.5	43.0	46.4	41.7
2339	Women's and misses' outerwear, nec	124.9	117.9	114.5	113.1	92.9
234	Women's and children's undergarments	79.0	77.2	74.3	73.9	71.4
2341	Women's and children's underwear	63.7	62.2	61.6	61.3	59.1
2342	Brassieres and allied garments	15.3	15.0	12.8	12.6	12.3
236	Children's outerwear	56.0	55.1	53.0	53.7	52.4
2361	Children's dresses and blouses	24.2	24.1	23.1	23.4	22.6
238	Misc. apparel and accessories	44.6	41.8	39.9	40.5	36.7
239	Misc. fabricated textile products	110.0	106.8	104.2	105.3	100.9
2391	Curtains and draperies	21.3	20.4	18.8	18.8	18.0
2392	House furnishings, nec	30.5	29.6	29.5	29.9	28.8
2396	Automotive and apparel trimmings	17.0	13.3	13.7	14.1	11.4
26	PAPER AND ALLIED PRODUCTS	162.4	161.7	154.0	153.5	151.3
261, 26	Paper and pulp mills	28.7	28.8	26.8	27.6	27.5
262	Paper mills, except building paper	25.7	25.9	24.1	24.9	23.8
263	Paperboard mills	6.1	6.1	5.6	5.6	5.4
264	Misc. converted paper products	79.9	78.8	76.3	75.2	74.3
265	Paperboard containers and boxes	48.9	48.0	45.3	45.1	44.7
27	PRINTING AND PUBLISHING	505.0	505.8	517.6	516.2	512.8
271	Newspapers	161.0	161.5	165.2	166.1	166.0
272	Periodicals	56.1	57.2	59.0	59.2	59.5
273	Books	53.9	53.1	54.3	52.7	52.1
274	Miscellaneous publishing	26.8	26.5	27.2	27.6	27.2
275	Commercial printing	132.0	131.2	134.9	133.2	130.6
2751	Commercial printing, letterpress	52.5	51.9	51.7	51.4	50.4
2752	Commercial printing, lithographic	73.1	72.9	76.8	75.6	74.2
276	Manifold business forms	15.9	15.8	15.7	15.8	15.7
278	Blankbooks and bookbinding	33.2	33.8	33.8	33.9	33.9
279	Printing trade services	11.4	11.7	12.7	12.7	12.8
28	CHEMICALS AND ALLIED PRODUCTS	287.7	287.3	280.7	283.1	280.5
281	Industrial inorganic chemicals	24.5	24.1	24.1	24.5	24.4
2819	Industrial inorganic chemicals, nec	16.4	16.2	16.1	16.3	16.3
282	Plastics materials and synthetics	43.3	43.7	41.2	40.9	37.1
2821	Plastics materials and resins	11.5	11.8	11.0	11.1	11.0
2824	Organic fibers, noncellulosic	22.1	22.2	21.8	21.6	21.1
283	Drugs	86.6	86.9	86.2	86.6	86.2
2834	Pharmaceutical preparations	72.7	72.9	72.1	72.3	71.7
284	Soap, cleaners, and toilet goods	60.2	55.8	57.2	59.2	59.6
2841	Soap and other detergents	10.1	10.0	9.5	10.1	11.0
2844	Toilet preparations	37.5	37.3	36.8	36.9	37.4
285	Paints and allied products	12.5	12.5	11.7	11.9	11.6
286	Industrial organic chemicals	27.9	28.0	28.0	28.2	27.9
2861-9	Gum, wood, and industrial organic chemicals, nec	23.1	23.3	23.5	23.7	23.4
287	Agricultural chemicals	11.0	11.0	10.9	10.8	10.3
289	Miscellaneous chemical products	21.9	21.3	21.4	21.1	21.5

B-3. Women employees on nonagricultural payrolls by industry—Continued

[In thousands]

1972 SIC Code	Industry	June 1981	July 1981	May 1982	June 1982	July 1982
29	PETROLEUM AND COAL PRODUCTS	31.7	32.2	32.1	32.2	32.4
291	Petroleum refining	26.3	26.8	26.9	27.1	27.2
30	RUBBER AND MISC. PLASTICS PRODUCTS	266.3	260.8	245.6	247.2	250.6
301	Tires and inner tubes	10.5	10.5	9.2	9.3	9.9
302	Rubber and plastics footwear	14.0	13.5	12.9	13.1	13.0
303,4	Reclaimed rubber, and rubber and plastics hose and belting	7.5	7.4	5.2	5.1	5.0
306	Fabricated rubber products, nec	37.2	36.5	33.3	33.5	33.6
307	Miscellaneous plastics products	197.1	192.9	185.0	186.2	189.0
31	LEATHER AND LEATHER PRODUCTS	143.8	136.3	127.5	129.2	132.4
311	Leather tanning and finishing	3.0	2.7	2.8	2.7	2.6
314	Footwear, except rubber	57.4	53.3	85.9	88.0	90.1
3143	Men's footwear, except athletic	36.8	34.4	31.1	32.1	28.3
3144	Women's footwear, except athletic	38.3	37.4	33.7	34.5	32.2
316	Luggage	8.5	7.9	7.4	7.6	7.1
317	Handbags and personal leather goods	20.9	20.1	18.4	18.5	16.9
	TRANSPORTATION AND PUBLIC UTILITIES	1,396	1,328	1,347	1,389	1,352
41	LOCAL AND INTERURBAN PASSENGER TRANSIT	68.6	42.8	85.0	79.1	43.5
411	Local and suburban transportation	15.7	14.8	16.9	16.8	15.8
412	Taxicabs	6.7	6.5	6.8	6.6	6.3
413	Intercity highway transportation	5.0	4.8	4.9	4.9	4.9
415	School buses	38.1	13.9	52.7	47.2	19.3
42	TRUCKING AND WAREHOUSING	158.3	158.1	152.2	153.6	153.7
421,3	Trucking and trucking terminals	138.8	138.0	135.7	137.0	137.9
422	Public warehousing	15.5	16.1	16.5	16.6	15.4
44	WATER TRANSPORTATION	24.2	25.2	25.4	26.0	25.8
45	TRANSPORTATION BY AIR	151.2	152.1	146.6	144.0	146.3
451,2	Air transportation	142.3	143.2	137.0	134.1	136.5
46	PIPE LINES, EXCEPT NATURAL GAS	3.2	3.3	3.3	3.3	3.3
47	TRANSPORTATION SERVICES	101.8	101.1	113.6	115.2	115.9
48	COMMUNICATION	650.8	653.1	628.7	630.2	629.8
481	Telephone communication	585.9	588.1	578.7	576.9	577.8
483	Radio and television broadcasting	67.8	67.6	73.0	73.5	73.8
49	ELECTRIC, GAS, AND SANITARY SERVICES	165.0	162.6	168.6	173.8	173.2
491	Electric services	76.9	77.7	80.2	81.7	82.4
492	Gas production and distribution	39.8	40.5	39.8	41.0	41.1
493	Combination utility services	37.3	37.8	36.7	37.9	38.4
495	Sanitary services	6.3	6.5	6.5	6.6	6.8
	WHOLESALE AND RETAIL TRADE	8,979	8,937	9,106	9,117	9,079
50,51	WHOLESALE TRADE	1,398	1,388	1,406	1,407	1,396
50	WHOLESALE TRADE DURABLE GOODS	773	773	778	779	771
501	Motor vehicles and automotive equipment	88.4	88.1	90.9	91.0	89.5
502	Furniture and home furnishings	43.6	43.9	45.5	45.5	45.6
503	Lumber and construction materials	36.6	36.7	36.5	37.0	37.0
504	Sporting goods, toys, and hobby goods	24.2	24.0	23.9	24.5	23.5
505	Metals and minerals, except petroleum	29.6	29.7	29.9	29.6	29.1
506	Electrical goods	127.4	125.9	128.3	128.4	127.1
507	Hardware, plumbing, and heating equipment	65.9	66.2	64.5	64.7	64.2
508	Machinery, equipment, and supplies	309.5	312.0	319.5	319.8	321.3
509	Miscellaneous durable goods	48.2	46.8	46.0	45.1	47.5
51	WHOLESALE TRADE NONDURABLE GOODS	621	615	628	628	625
511	Paper and paper products	49.0	49.1	50.4	50.4	50.3
512	Drugs, proprietaries, and sundries	65.5	64.8	67.1	67.5	68.2
513	Apparel, piece goods, and notions	83.4	82.8	83.3	85.7	85.2
514	Groceries and related products	157.0	156.4	156.8	158.1	155.1
516	Chemicals and allied products	35.0	35.9	37.6	37.9	37.6
517	Petroleum and petroleum products	58.8	55.6	56.7	56.8	56.6
518	Beer, wine, and distilled beverages	22.2	22.2	21.9	22.1	22.3
519	Miscellaneous nondurable goods	118.8	117.5	123.0	121.4	119.3

B-3. Women employees on nonagricultural payrolls by industry — Continued

[In thousands]

1972 SIC Code	Industry	June 1981	July 1981	May 1982	June 1982	July 1982
52-59	RETAIL TRADE	7,585	7,549	7,700	7,710	7,683
52	BUILDING MATERIALS AND GARDEN SUPPLIES	164.2	161.7	160.7	159.2	155.0
521	Lumber and other building materials	66.0	65.2	63.3	64.2	61.4
525	Hardware stores	56.0	56.5	58.9	55.7	58.9
53	GENERAL MERCHANDISE STORES	1,413.0	1,422.5	1,467.6	1,476.2	1,491.0
531	Department stores	1,151.7	1,161.3	1,210.0	1,218.5	1,238.6
533	Variety stores	179.1	177.0	171.3	169.4	168.8
539	Misc. general merchandise stores	82.2	84.2	86.3	88.3	87.6
54	FOOD STORES	1,047.4	1,041.5	1,067.1	1,081.0	1,072.2
541	Grocery stores	876.8	874.1	893.7	906.2	899.0
542	Meat markets and freezer provisioners	17.4	17.3	17.2	16.7	17.1
546	Retail bakeries	81.5	78.8	82.4	83.1	78.9
55	AUTOMOTIVE DEALERS AND SERVICE STATIONS	307.0	311.2	312.7	318.0	320.5
551,2	New and used car dealers	112.0	111.0	108.4	109.0	109.1
553	Auto and home supply stores	48.3	49.2	50.4	51.7	53.7
554	Gasoline service stations	130.6	134.9	138.6	141.2	144.0
56	APPAREL AND ACCESSORY STORES	663.7	656.5	668.6	667.2	662.9
561	Men's and boys' clothing and furnishings	56.0	55.7	55.6	56.0	56.0
562	Women's ready-to-wear stores	309.5	302.8	308.8	309.5	305.9
565	Family clothing stores	133.7	133.8	132.2	133.3	132.0
566	Shoe stores	86.8	86.4	88.3	89.2	89.6
57	FURNITURE AND HOME FURNISHING STORES	201.1	202.5	203.7	203.0	202.4
571	Furniture and home furnishings stores	135.5	136.3	135.0	133.8	133.2
572	Household appliance stores	21.8	22.1	22.8	22.6	23.3
573	Radio, television, and music stores	43.8	44.1	46.3	46.5	45.9
58	EATING AND DRINKING PLACES	2,782.1	2,718.7	2,781.6	2,730.3	2,721.4
59	MISCELLANEOUS RETAIL	1,086.1	1,034.6	1,087.8	1,074.6	1,067.1
591	Drug stores and proprietary stores	311.7	310.0	313.0	313.1	312.2
592	Liquor stores	36.7	36.4	36.1	36.3	37.2
594	Miscellaneous shopping goods stores	368.0	361.7	384.3	384.0	381.7
596	Nonstore retailers	157.5	153.5	163.4	162.2	161.5
598	Fuel and ice dealers	22.9	22.7	24.3	24.0	23.8
599	Retail stores, nec	132.3	128.9	140.1	133.9	129.0
	FINANCE, INSURANCE, AND REAL ESTATE	3,176	3,191	3,196	3,227	3,231
60	BANKING	1,162.9	1,168.9	1,168.8	1,179.2	1,182.1
602	Commercial and stock savings banks	1,069.4	1,078.9	1,078.5	1,088.4	1,086.8
61	CREDIT AGENCIES OTHER THAN BANKS	802.5	803.2	807.0	809.5	809.4
612	Savings and loan associations	156.9	157.3	204.1	205.5	205.9
614	Personal credit institutions	132.7	132.4	128.4	128.4	128.0
62	SECURITY, COMMODITY BROKERS, AND SERVICES	109.6	112.2	121.5	121.2	121.1
621	Security brokers and dealers	89.7	92.1	100.9	102.4	102.1
63	INSURANCE CARRIERS	755.9	757.8	785.5	787.1	786.2
631	Life insurance	305.2	305.5	301.2	302.0	301.6
632	Medical service and health insurance	103.4	103.1	102.0	102.2	101.6
633	Fire, marine, and casualty insurance	297.1	298.1	295.1	295.4	295.2
64	INSURANCE AGENTS, BROKERS, AND SERVICE	293.3	295.2	302.3	305.8	304.1
65	REAL ESTATE	376.7	377.3	370.9	382.3	381.7
651	Real estate operators and lessors	150.8	150.2	158.2	159.1	161.5
653	Real estate agents and managers	175.6	176.6	170.2	175.1	175.4
655	Subdividers and developers	35.8	36.4	34.0	35.5	35.2
66	COMBINED REAL ESTATE, INSURANCE, ETC.	11.8	11.8	11.7	11.7	11.7
67	HOLDING AND OTHER INVESTMENT OFFICES	63.4	68.9	68.4	68.4	59.9
	SERVICES	10,975	10,975	11,289	11,310	11,300
70	HOTELS AND OTHER LODGING PLACES	638.7	666.3	607.6	638.4	636.4
701	Hotels, motels, and tourist courts	612.4	624.3	588.8	608.9	617.0

B-3. Women employees on nonagricultural payrolls by industry—Continued

[In thousands]

1972 SIC Code	Industry	June 1981	July 1981	May 1982	June 1982	July 1982
72	**PERSONAL SERVICES**	621.7	618.4	634.6	635.7	629.3
721	Laundry, cleaning, and garment services	225.8	222.2	222.5	222.7	220.5
723	Beauty shops	250.3	251.4	263.1	264.1	264.3
726	Funeral service and crematories	19.5	19.3	20.6	20.8	21.0
73	**BUSINESS SERVICES**	1,915.6	1,925.3	1,926.8	1,929.0	1,933.2
731	Advertising	78.3	78.7	78.3	78.8	78.6
732	Credit reporting and collection	54.2	54.0	53.6	54.2	54.5
733	Mailing, reproduction, stenographic	62.8	62.7	60.7	60.3	59.7
734	Services to buildings	197.5	193.7	208.9	206.6	205.8
736	Personnel supply services	367.0	380.1	345.5	341.9	346.8
737	Computer and data processing services	156.2	158.2	169.6	169.7	169.1
75	**AUTO REPAIR, SERVICES, AND GARAGES**	56.0	55.7	99.0	99.8	100.9
753	Automotive repair shops	48.7	48.0	48.4	49.0	50.3
76	**MISCELLANEOUS REPAIR SERVICES**	57.8	57.5	58.7	58.4	59.2
78	**MOTION PICTURES**	87.7	88.9	81.7	87.6	93.9
781	Motion picture production and services	25.2	24.2	24.7	26.8	26.7
783	Motion picture theaters	56.3	58.6	50.8	58.8	59.2
79	**AMUSEMENT AND RECREATION SERVICES**	338.4	345.1	345.3	375.3	378.4
80	**HEALTH SERVICES**	4,529.2	4,551.8	4,679.2	4,723.4	4,731.0
801	Offices of physicians	612.7	619.1	636.3	648.9	647.0
802	Offices of dentists	308.2	310.2	326.1	329.7	332.8
805	Nursing and personal care facilities	916.1	918.5	938.7	948.1	950.4
806	Hospitals	2,348.5	2,360.0	2,415.3	2,439.9	2,445.6
81	**LEGAL SERVICES**	380.7	383.9	392.5	401.3	401.7
82	**EDUCATIONAL SERVICES**	576.9	516.7	661.8	588.3	532.7
821	Elementary and secondary schools	200.4	167.6	207.1	198.2	168.8
822	Colleges and universities	309.9	284.4	384.0	321.7	298.0
83	**SOCIAL SERVICES**	848.8	842.8	885.2	866.5	858.6
89	**MISCELLANEOUS SERVICES**	347.2	350.5	358.0	362.2	361.6
891	Engineering and architectural services	127.7	128.4	127.5	130.0	130.5
893	Accounting, auditing, and bookkeeping	158.4	159.2	169.2	170.2	169.6
	GOVERNMENT	7,806	7,078	7,867	7,780	7,749
	FEDERAL GOVERNMENT	855	899	880	1,036	1,168
	STATE AND LOCAL GOVERNMENT	6,911	6,175	6,987	6,744	6,580
	State government	1,557.7	1,588.7	1,688.9	1,752.8	1,686.9
	Hospitals	327.0	327.8	320.4	320.4	320.5
	State education	605.9	548.5	677.0	583.1	536.9
	General administration including executive, legislative, and judicial functions	882.3	885.4	835.8	838.8	839.5
	Local government	5,313.5	4,630.2	5,382.8	5,191.0	5,333.1
	Transportation and public utilities	93.1	55.5	96.6	97.2	97.3
	Hospitals	510.8	512.8	523.9	528.1	529.7
	Local education	3,478.3	2,713.2	3,576.1	3,376.3	3,605.1
	General administration including executive, legislative, and judicial functions	1,006.1	1,006.1	957.9	985.5	1,009.1

ESTABLISHMENT DATA
SEASONALLY ADJUSTED EMPLOYMENT

B-4. Employees on nonagricultural payrolls by industry division and major manufacturing group, seasonally adjusted

(In thousands)

Industry division and group	1981				1982								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.p	Sept. p
TOTAL	91,363	91,224	90,996	90,642	90,460	90,459	90,304	90,083	90,166	89,839	89,535	89,768	89,738
GOODS PRODUCING	25,583	25,393	25,176	24,908	24,684	24,631	24,450	24,289	24,255	23,998	23,840	23,639	23,586
MINING	1,192	1,195	1,202	1,206	1,201	1,203	1,197	1,182	1,152	1,128	1,100	1,082	1,069
CONSTRUCTION	4,124	4,101	4,071	4,026	3,966	3,974	3,934	3,938	3,988	3,940	3,927	3,895	3,860
MANUFACTURING	20,267	20,097	19,903	19,676	19,517	19,454	19,319	19,169	19,115	18,930	18,813	18,662	18,676
DURABLE GOODS	12,184	12,059	11,901	11,724	11,622	11,575	11,490	11,375	11,332	11,203	11,133	10,988	10,988
Lumber and wood products	661	643	628	615	607	611	607	615	617	615	614	612	615
Furniture and fixtures	473	469	462	457	452	449	446	443	443	442	439	443	441
Stone, clay, and glass products	638	629	620	610	596	596	590	588	596	580	579	574	573
Primary metal industries	1,125	1,104	1,082	1,053	1,038	1,024	1,007	976	985	926	906	888	880
Fabricated metal products	1,604	1,577	1,553	1,529	1,515	1,505	1,496	1,481	1,477	1,452	1,446	1,427	1,416
Machinery, except electrical	2,539	2,532	2,511	2,486	2,459	2,446	2,419	2,389	2,377	2,322	2,274	2,232	2,212
Electric and electronic equipment	2,113	2,101	2,077	2,049	2,055	2,048	2,038	2,034	2,034	2,026	2,018	2,004	1,997
Transportation equipment	1,884	1,861	1,830	1,791	1,777	1,778	1,774	1,748	1,755	1,745	1,759	1,718	1,680
Instruments and related products	738	731	727	725	720	718	716	713	713	708	709	702	700
Miscellaneous manufacturing ind	813	812	811	809	803	800	797	792	790	787	790	784	784
NONDURABLE GOODS	8,083	8,038	8,002	7,952	7,895	7,879	7,829	7,794	7,783	7,727	7,680	7,678	7,672
Food and kindred products	1,658	1,662	1,664	1,661	1,657	1,663	1,658	1,683	1,652	1,637	1,643	1,626	1,622
Tobacco manufactures	69	69	69	68	69	68	68	67	67	67	65	65	67
Textile mill products	827	814	804	794	780	777	760	773	759	741	741	737	736
Apparel and other textile products	1,253	1,243	1,235	1,222	1,201	1,201	1,186	1,165	1,165	1,161	1,128	1,146	1,183
Paper and allied products	695	685	681	677	674	670	668	664	661	658	657	654	659
Printing and publishing	1,274	1,276	1,276	1,276	1,275	1,276	1,278	1,278	1,278	1,269	1,267	1,270	1,269
Chemicals and allied products	1,110	1,107	1,103	1,100	1,095	1,093	1,088	1,082	1,079	1,073	1,068	1,070	1,068
Petroleum and coal products	216	215	215	214	210	208	207	206	207	205	205	205	211
Rubber and misc. plastic products	746	739	725	716	712	708	703	706	708	704	700	697	692
Leather and leather products	235	233	230	224	222	215	213	214	211	212	209	208	208
SERVICE PRODUCING	65,780	65,831	65,820	65,738	65,776	65,828	65,854	65,794	65,911	65,845	65,695	65,629	65,592
TRANSPORTATION AND PUBLIC UTILITIES	5,181	5,162	5,150	5,128	5,125	5,115	5,100	5,094	5,101	5,078	5,088	5,078	5,073
WHOLESALE AND RETAIL TRADE	20,660	20,654	20,623	20,524	20,630	20,670	20,655	20,588	20,652	20,595	20,617	20,584	20,589
WHOLESALE TRADE	5,383	5,380	5,375	5,357	5,346	5,343	5,336	5,323	5,331	5,307	5,299	5,288	5,277
RETAIL TRADE	15,277	15,274	15,248	15,167	15,284	15,327	15,319	15,265	15,321	15,288	15,318	15,296	15,312
FINANCE, INSURANCE, AND REAL ESTATE	5,328	5,325	5,324	5,331	5,326	5,326	5,336	5,335	5,342	5,352	5,359	5,361	5,367
SERVICES	18,707	18,773	18,815	18,838	18,831	18,867	18,904	18,929	18,963	18,988	19,002	19,002	19,058
GOVERNMENT	15,904	15,917	15,908	15,917	15,864	15,850	15,859	15,852	15,853	15,832	15,635	15,658	15,660
FEDERAL	2,764	2,757	2,749	2,756	2,741	2,737	2,736	2,730	2,728	2,739	2,737	2,740	2,738
STATE AND LOCAL	13,140	13,160	13,159	13,161	13,123	13,113	13,123	13,122	13,125	13,093	12,898	12,918	12,922

p = preliminary

B-5. Women employees on nonagricultural payrolls by industry division and major manufacturing group, seasonally adjusted

[In thousands]

Industry division and group	1981						1982						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
TOTAL	39,181	39,199	39,187	39,198	39,139	39,098	39,089	39,147	39,150	39,093	39,181	39,195	39,180
GOODS-PRODUCING	6,938	6,927	6,909	6,871	6,814	6,759	6,712	6,692	6,650	6,601	6,593	6,596	6,582
MINING	131	133	135	137	138	141	140	141	142	143	141	138	137
CONSTRUCTION	383	383	382	381	381	381	384	382	382	384	382	381	379
MANUFACTURING	6,424	6,411	6,392	6,353	6,295	6,237	6,188	6,169	6,126	6,074	6,069	6,077	6,066
DURABLE GOODS	3,087	3,087	3,074	3,050	3,008	2,972	2,957	2,942	2,922	2,894	2,891	2,905	2,900
Lumber and wood products	104	103	100	98	95	94	93	92	91	91	91	91	91
Furnitures and fixtures	145	144	142	142	139	137	136	135	135	133	133	133	134
Stone, clay, and glass products	127	128	126	126	123	122	120	120	119	117	117	115	116
Primary metal industries	126	126	125	122	119	116	113	112	110	107	107	105	105
Fabricated metal products	344	342	340	333	326	320	317	315	313	309	308	307	308
Machinery, except electrical	514	519	520	520	517	511	507	505	503	500	499	493	495
Electric and electronic equipment	904	905	905	898	884	874	880	876	870	867	869	860	859
Transportation equipment	314	314	312	308	304	298	296	295	293	287	286	284	280
Instruments and related products	311	313	312	311	310	309	307	306	304	303	303	301	301
Miscellaneous manufacturing ind	198	193	192	192	191	191	188	186	184	180	179	176	179
NONDURABLE GOODS	3,337	3,324	3,318	3,303	3,287	3,265	3,231	3,227	3,204	3,180	3,178	3,172	3,166
Food and kindred products	503	497	492	499	501	500	495	499	499	491	495	490	498
Tobacco manufactures	26	26	25	25	25	25	25	28	24	24	28	24	28
Textile mill products	398	394	394	388	383	378	370	368	362	367	367	353	355
Apparel and other textile products	1,014	1,012	1,012	1,004	998	988	971	971	958	939	938	935	907
Paper and allied products	162	162	163	160	158	158	157	157	156	155	154	151	152
Printing and publishing	508	510	512	513	513	515	516	518	518	518	519	517	515
Chemicals and allied products	285	284	285	285	285	285	284	284	283	282	281	280	278
Petroleum and coal products	31	31	32	32	32	32	32	33	33	32	32	31	31
Rubber and misc. plastics products	267	267	263	258	254	250	247	245	244	245	247	245	246
Leather and leather products	143	141	140	139	138	134	133	128	127	127	126	126	128
SERVICE-PRODUCING	32,243	32,272	32,278	32,327	32,325	32,339	32,377	32,455	32,500	32,492	32,588	32,659	32,678
TRANSPORTATION AND PUBLIC UTILITIES	1,342	1,348	1,355	1,355	1,351	1,358	1,338	1,339	1,339	1,342	1,348	1,341	1,339
WHOLESALE AND RETAIL TRADE	9,021	9,043	9,057	9,066	9,049	9,022	9,088	9,129	9,130	9,118	9,156	9,128	9,168
WHOLESALE TRADE	1,396	1,403	1,406	1,407	1,412	1,408	1,405	1,408	1,409	1,411	1,410	1,406	1,407
RETAIL TRADE	7,625	7,640	7,651	7,659	7,637	7,614	7,679	7,721	7,721	7,707	7,746	7,718	7,761
FINANCE, INSURANCE, AND REAL ESTATE	3,169	3,172	3,182	3,183	3,186	3,189	3,185	3,185	3,190	3,198	3,202	3,211	3,209
SERVICES	10,972	10,989	11,028	11,086	11,113	11,135	11,151	11,192	11,216	11,229	11,255	11,265	11,300
GOVERNMENT	7,739	7,720	7,656	7,637	7,626	7,635	7,619	7,610	7,625	7,609	7,627	7,718	7,570
FEDERAL	878	879	880	876	874	881	877	875	876	873	876	1,018	1,137
STATE AND LOCAL	6,861	6,841	6,776	6,761	6,752	6,754	6,742	6,735	6,749	6,736	6,751	6,704	6,533

ESTABLISHMENT DATA
SEASONALLY ADJUSTED EMPLOYMENT

B-6. Production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division and major manufacturing group, seasonally adjusted

(In thousands)

Industry division and group	1981				1982								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.[p]	Sept. [p]
TOTAL PRIVATE	61,180	61,017	60,775	60,401	60,248	60,282	60,132	59,923	60,025	59,759	59,670	59,359	59,278
GOODS-PRODUCING	18,164	17,972	17,754	17,478	17,251	17,225	17,073	16,922	16,917	16,686	16,568	16,400	16,326
MINING	876	877	882	883	875	876	871	863	835	805	782	768	767
CONSTRUCTION	3,201	3,180	3,155	3,107	3,035	3,059	3,023	3,017	3,074	3,029	3,022	2,975	2,980
MANUFACTURING	14,087	13,915	13,717	13,488	13,341	13,290	13,179	13,042	13,008	12,852	12,760	12,637	12,580
DURABLE GOODS	8,345	8,218	8,061	7,885	7,793	7,759	7,685	7,576	7,553	7,443	7,388	7,263	7,205
Lumber and wood products	549	531	516	503	497	502	497	507	507	506	505	503	505
Furniture and fixtures	381	376	369	368	359	356	353	350	350	349	346	350	350
Stone, clay, and glass products	492	484	475	465	452	452	446	441	444	438	439	436	435
Primary metal industries	865	843	821	795	780	770	756	727	702	686	669	657	652
Fabricated metal products	1,182	1,156	1,133	1,110	1,096	1,089	1,081	1,069	1,063	1,046	1,043	1,025	1,018
Machinery, except electrical	1,606	1,598	1,576	1,552	1,526	1,514	1,490	1,460	1,458	1,408	1,366	1,330	1,315
Electric and electronic equipment	1,327	1,314	1,285	1,257	1,266	1,258	1,248	1,241	1,240	1,233	1,221	1,208	1,207
Transportation equipment	1,206	1,184	1,159	1,115	1,102	1,108	1,109	1,086	1,098	1,089	1,112	1,074	1,087
Instruments and related products	431	428	424	423	420	418	415	411	412	407	406	402	401
Miscellaneous manufacturing ind	306	304	303	301	295	292	290	284	281	281	282	278	276
NONDURABLE GOODS	5,742	5,697	5,656	5,603	5,548	5,531	5,494	5,466	5,455	5,409	5,372	5,374	5,375
Food and kindred products	1,137	1,142	1,144	1,140	1,135	1,142	1,138	1,125	1,133	1,121	1,129	1,113	1,109
Tobacco manufactures	54	54	54	53	54	53	53	52	52	52	51	52	50
Textile mill products	717	704	693	683	670	667	651	662	650	633	634	630	633
Apparel and other textile products	1,066	1,056	1,049	1,036	1,018	1,018	1,006	987	985	982	949	958	967
Paper and allied products	525	515	511	506	504	501	499	496	493	489	490	488	494
Printing and publishing	701	702	700	700	699	699	701	698	696	696	698	694	698
Chemicals and allied products	629	625	621	616	612	609	609	602	598	595	591	593	597
Petroleum and coal products	134	133	132	131	125	124	124	123	123	122	122	122	120
Rubber and misc. plastics products	580	568	557	548	544	538	534	541	543	542	541	539	535
Leather and leather products	199	198	195	190	187	180	179	180	177	177	172	175	175
SERVICE-PRODUCING	43,016	43,045	43,021	42,923	42,997	43,057	43,059	43,001	43,108	43,073	43,102	42,959	42,952
TRANSPORTATION AND PUBLIC UTILITIES	4,295	4,275	4,261	4,241	4,241	4,232	4,217	4,209	4,212	4,194	4,165	4,161	4,145
WHOLESALE AND RETAIL TRADE	18,059	18,053	18,016	17,920	18,011	18,061	18,051	17,996	18,065	18,014	18,037	17,974	17,967
WHOLESALE TRADE	4,376	4,373	4,367	4,348	4,332	4,327	4,317	4,301	4,309	4,287	4,280	4,268	4,258
RETAIL TRADE	13,683	13,680	13,649	13,572	13,679	13,734	13,734	13,695	13,756	13,727	13,755	13,666	13,609
FINANCE, INSURANCE, AND REAL ESTATE	4,023	4,019	4,013	4,018	4,007	4,003	4,004	3,999	3,998	4,012	4,013	4,007	4,013
SERVICES	16,639	16,698	16,731	16,748	16,738	16,761	16,787	16,797	16,833	16,853	16,884	16,817	16,827

[1] For coverage of series, see footnote 1, table B-2

p = preliminary

B-7. Indexes of diffusion: Percent of industries in which employment[1] increased

Year and month	Over 1-month span	Over 3-month span	Over 6-month span	Over 12-month span
1979				
January	64.2	68.5	72.3	73.7
February	61.6	68.3	71.0	70.4
March	65.6	65.1	68.8	69.1
April	51.6	65.9	63.7	65.6
May	61.8	62.1	59.4	59.7
June	62.4	63.4	53.5	57.3
July	54.3	53.2	58.1	57.5
August	53.5	48.4	49.2	55.9
September	48.9	53.8	49.7	52.2
October	61.8	51.6	51.6	46.0
November	50.3	54.0	51.6	39.8
December	51.1	51.1	47.6	35.5
1980				
January	53.8	50.0	39.8	30.9
February	48.9	47.0	34.1	32.3
March	49.2	35.2	29.3	32.8
April	29.0	28.8	23.1	33.9
May	32.8	23.1	26.6	31.7
June	29.6	28.2	28.8	32.3
July	35.2	34.1	35.8	31.7
August	64.0	51.6	44.1	33.9
September	61.0	69.1	59.1	33.9
October	62.6	67.2	71.2	39.5
November	59.4	64.2	64.0	50.8
December	54.6	58.9	61.0	62.6
1981				
January	56.7	53.5	64.8	73.9
February	48.7	52.2	65.9	71.0
March	51.1	60.2	67.2	70.4
April	68.3	70.2	67.7	62.1
May	65.3	70.4	67.2	50.0
June	54.0	65.9	67.5	43.3
July	59.9	59.4	51.3	35.2
August	50.3	57.0	39.0	33.6
September	50.3	40.1	33.9	31.5
October	34.7	30.6	30.1	27.2
November	28.2	26.3	27.7	27.7
December	31.2	23.4	24.2	25.8
1982				
January	32.5	28.0	21.8	23.1
February	42.5	31.2	27.4	22.8p
March	35.8	33.6	27.4	20.2p
April	40.9	37.1	29.8	
May	51.1	35.8	29.3p	
June	32.0	35.8	30.1p	
July	43.5	27.4p		
August	35.5p	31.7p		
September	47.3p			
October				
November				
December				

[1] Number of employees, seasonally adjusted for 1, 3, and 6 month spans, on payrolls of 186 private nonagricultural industries.
p = preliminary.

NOTE: Figures are the percent of industries with employment rising. (Half of the unchanged components are counted as rising.) Data are centered within the spans.

ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division

(In thousands)

	State and areas	Total			Mining			Construction			Manufacturing		
		AUG. 1981	JULY 1982	AUG. 1982P	AUG. 1981	JULY 1982	AUG. 1982P	AUG. 1981	JULY 1982	AUG. 1982P	AUG. 1981	JULY 1982	AUG. 1982P
1	**ALABAMA**	1,347.0	1,322.9	1,319.3	16.6	16.3	15.7	66.8	63.4	63.2	366.0	332.6	334.3
2	Birmingham	342.7	335.6	334.2	8.7	8.4	8.3	19.5	19.0	19.0	59.0	51.4	49.6
3	Huntsville	122.9	123.3	125.9	(1)	(1)	(1)	4.1	4.1	4.1	37.0	35.8	38.4
4	Mobile	154.2	147.7	145.3	(1)	(1)	(1)	11.2	9.4	9.0	32.1	28.2	27.5
5	Montgomery	105.9	104.5	103.1	(1)	(1)	(1)	6.2	5.6	5.7	16.8	15.3	14.9
6	Tuscaloosa	50.2	49.1	49.2	2.5	2.7	2.7	2.6	2.0	2.0	8.2	7.9	7.8
7	**ALASKA**	189.7	199.4	(*)	7.7	9.0	(*)	15.7	17.5	(*)	17.5	17.5	(*)
8	**ARIZONA**	1,019.3	1,003.5	1,003.4	25.4	17.2	16.4	70.2	59.8	59.6	161.3	151.8	151.3
9	Phoenix	641.5	637.2	636.9	.4	.4	.5	47.8	39.9	39.7	117.4	110.3	109.8
10	Tucson	185.4	182.1	182.5	7.8	8.2	8.1	12.3	11.4	11.4	26.5	25.3	25.2
11	**ARKANSAS**	738.4	715.8	719.3	6.0	6.1	6.1	36.9	31.9	31.6	213.9	195.7	194.6
12	Fayetteville—Springdale	65.3	63.2	63.2	(1)	(1)	(1)	2.8	2.7	2.7	20.6	18.4	17.6
13	Fort Smith	68.7	68.6	69.2	1.2	1.3	1.2	2.8	2.3	2.4	23.1	19.7	19.7
14	Little Rock—North Little Rock	179.7	176.8	178.5	(1)	(1)	(1)	9.5	9.5	9.7	29.7	26.5	26.5
15	Pine Bluff	30.9	33.1	33.1	(1)	(1)	(1)	1.9	2.1	2.1	6.9	5.5	5.4
16	**CALIFORNIA**	10,032.9	9,940.4	9,901.5	49.5	48.7	49.3	440.8	376.9	373.3	2,057.5	1,932.9	1,950.9
17	Anaheim—Santa Ana—Garden Grove	864.5	855.5	854.1	2.8	3.0	3.0	50.2	43.2	42.7	223.8	217.9	216.4
18	Bakersfield	137.3	133.9	133.1	14.6	14.4	14.5	7.2	6.2	6.2	10.4	9.5	9.5
19	Fresno	181.3	179.1	178.9	1.0	1.1	1.1	10.5	9.1	8.9	24.5	22.4	23.1
20	Los Angeles—Long Beach	3,614.7	3,565.3	3,537.5	13.6	14.5	14.3	125.5	105.0	103.4	913.8	857.3	854.9
21	Modesto	98.9	89.9	94.4	.1	.1	.1	5.5	5.1	4.9	26.1	22.3	26.9
22	Oxnard—Simi Valley—Ventura	158.4	159.8	159.3	3.0	3.3	3.3	7.3	6.5	6.4	26.2	25.8	25.9
23	Riverside—San Bernardino—Ontario	429.3	428.2	429.8	2.1	1.6	1.6	24.1	21.9	22.1	65.3	60.2	59.5
24	Sacramento	405.9	399.0	402.4	.7	.7	.7	17.6	17.2	17.1	31.8	27.4	30.1
25	Salinas—Seaside—Monterey	90.8	91.3	90.1	.4	.4	.4	3.4	3.4	3.4	9.2	10.0	9.7
26	San Diego	661.1	643.5	643.1	.6	.5	.6	35.3	29.7	28.9	109.7	105.2	104.3
27	San Francisco—Oakland	1,569.2	1,565.9	1,562.2	4.2	4.5	4.5	77.5	74.4	73.9	200.3	191.7	191.3
28	San Jose	696.3	695.3	699.6	.1	.1	.1	25.3	23.3	23.4	256.4	254.5	259.7
29	Santa Barbara—Santa Maria—Lompoc	123.2	123.0	123.2	1.6	1.4	1.4	5.3	4.5	4.5	17.8	18.5	18.8
30	Santa Rosa	95.3	93.5	94.2	.5	.5	.5	6.0	5.0	5.0	15.8	15.7	16.1
31	Stockton	125.8	118.1	122.8	.1	.1	.1	6.3	5.7	5.7	27.8	22.1	25.7
32	Vallejo—Fairfield—Napa	101.5	101.1	100.9	.5	.5	.5	5.3	4.7	4.7	12.1	11.5	11.6
33	**COLORADO**	1,285.3	1,277.9	1,281.2	43.8	39.5	41.0	77.3	78.0	78.6	187.3	179.2	179.1
34	Denver—Boulder	822.8	822.9	824.4	26.7	28.1	28.3	49.5	46.1	45.7	129.7	125.8	125.1
35	**CONNECTICUT**	1,426.3	1,406.4	1,395.8	(2)	(2)	(2)	54.3	54.6	53.9	430.0	400.1	392.2
36	Bridgeport	168.4	165.8	167.0	(2)	(2)	(2)	4.7	4.8	4.9	65.2	62.6	62.5
37	Hartford	391.2	393.0	388.2	(2)	(2)	(2)	12.7	12.9	12.2	92.6	89.2	85.8
38	New Britain	61.2	58.6	57.9	(2)	(2)	(2)	2.6	2.6	2.6	28.4	25.0	24.1
39	New Haven—West Haven	185.6	186.9	186.3	(2)	(2)	(2)	6.7	7.0	7.0	41.0	39.0	38.8
40	Stamford	112.3	113.2	111.6	(2)	(2)	(2)	6.1	6.0	5.9	31.9	31.0	29.6
41	Waterbury	88.0	87.5	87.3	(2)	(2)	(2)	3.1	3.3	3.3	31.9	29.7	29.8
42	**DELAWARE**	261.2	252.2	259.1	(1)	(1)	(1)	14.6	15.6	15.6	68.8	69.6	66.8
43	Wilmington	226.0	226.7	222.2	(1)	(1)	(1)	10.7	11.7	11.8	61.8	62.1	59.1
44	**DISTRICT OF COLUMBIA**	622.3	625.7	624.4	(1)	(1)	(1)	12.2	12.0	12.0	13.8	14.6	14.6
45	Washington SMSA	1,613.0	1,615.9	1,612.7	(1)	(1)	(1)	79.2	70.5	73.3	57.9	60.9	61.0
46	**FLORIDA**	3,660.3	3,720.7	3,698.5	11.1	9.9	9.1	289.5	257.8	255.1	465.8	443.5	443.2
47	Daytona Beach	80.2	77.4	75.1	-	-	-	5.3	4.1	4.1	8.5	8.5	8.3
48	Fort Lauderdale—Hollywood	355.2	342.2	340.5	(1)	(1)	(1)	30.3	25.2	25.2	41.9	38.8	38.5
49	Fort Myers—Cape Coral	68.4	68.9	69.0	(1)	(1)	(1)	9.1	8.0	8.2	3.8	4.3	4.3
50	Gainesville	67.9	67.3	66.9	(1)	(1)	(1)	3.5	3.1	2.9	4.4	4.4	4.4
51	Jacksonville	296.1	297.0	297.7	(1)	(1)	(1)	18.3	18.0	17.9	34.5	32.9	33.1
52	Lakeland—Winter Haven	117.1	105.5	105.4	6.1	3.5	3.7	10.3	8.0	7.6	21.6	17.0	17.3
53	Melbourne—Titusville—Cocoa	107.3	104.7	104.6	(1)	(1)	(1)	6.9	5.8	5.8	24.0	23.7	23.8
54	Miami	737.6	719.1	718.1	(1)	(1)	(1)	39.9	34.1	34.0	99.0	98.3	96.2
55	Orlando	302.9	292.5	292.3	(1)	(1)	(1)	22.2	19.7	20.0	38.2	36.4	36.7
56	Pensacola	98.5	97.4	96.8	(1)	(1)	(1)	7.8	6.4	6.3	12.6	12.0	11.7
57	Sarasota	72.7	71.9	70.4	(1)	(1)	(1)	7.7	6.5	6.3	6.4	5.8	5.8
58	Tallahassee	74.4	71.7	73.4	(1)	(1)	(1)	3.7	4.0	3.8	2.8	2.8	2.9
59	Tampa—St. Petersburg	555.2	553.5	553.8	(1)	(1)	(1)	43.3	36.7	36.3	79.3	75.5	75.9
60	West Palm Beach—Boca Raton	215.5	213.5	208.7	(1)	(1)	(1)	20.7	17.7	17.0	28.8	27.6	27.7

See footnotes at end of table.

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
AUG. 1981	JULY 1982	AUG. 1982P	AUG. 1981	JULY 1982	AUG. 1982P	AUG. 1981	JULY 1982	AUG. 1982P	AUG. 1981	JULY 1982	AUG. 1982P	AUG. 1981	JULY 1982	AUG. 1982P	
72.4	70.7	70.7	273.1	271.7	271.9	59.7	59.5	59.5	211.4	213.6	213.3	281.0	295.1	291.0	1
29.8	29.8	29.8	81.6	81.3	81.3	23.2	22.9	22.8	69.4	70.7	71.1	51.5	53.1	52.3	2
2.7	2.6	2.6	22.0	22.4	22.6	3.7	3.6	3.6	19.0	19.6	19.5	34.4	35.2	35.1	3
10.6	10.2	10.1	37.4	35.8	35.4	7.4	7.3	7.2	30.1	30.8	33.7	25.4	26.0	25.4	4
4.5	4.4	4.4	23.4	23.1	23.1	6.3	6.3	6.3	20.7	20.8	20.8	28.0	29.0	27.9	5
1.7	1.7	1.7	10.1	9.7	9.7	1.7	1.7	1.7	6.3	6.5	6.4	17.1	16.9	17.2	6
19.1	20.3	(*)	32.1	34.7	(*)	8.8	9.7	(*)	32.5	34.5	(*)	56.3	56.2	(*)	7
54.0	55.0	55.0	249.5	255.0	254.9	61.8	61.9	61.8	214.6	222.2	221.3	182.2	180.6	183.1	8
33.1	34.1	34.1	166.6	169.2	168.8	47.8	47.8	47.6	138.8	145.5	144.8	89.5	90.0	91.6	9
9.0	8.9	8.9	41.4	43.2	43.4	9.0	9.0	9.0	43.7	42.3	41.8	40.6	38.1	38.7	10
43.7	43.7	43.9	162.1	161.9	162.9	32.4	33.4	33.4	118.2	119.2	118.7	125.2	123.9	128.1	11
3.8	4.2	4.2	16.2	16.5	16.6	2.3	2.4	2.4	9.2	9.2	9.4	10.1	9.8	10.3	12
3.6	3.4	3.4	14.5	13.9	13.9	2.6	2.6	2.6	12.0	12.4	12.1	8.9	9.0	8.9	13
13.7	13.4	13.4	42.2	42.0	42.6	12.9	13.1	13.1	36.3	37.2	37.6	35.4	35.1	35.6	14
3.9	3.8	3.8	6.4	6.3	6.3	1.3	1.4	1.4	5.2	5.4	5.4	5.8	5.6	5.7	15
561.9	553.2	549.9	2,332.1	2,342.7	2,339.8	649.0	659.2	659.2	2,278.0	2,353.1	2,350.3	1,654.1	1,673.8	1,629.8	16
29.9	29.2	29.2	213.9	217.3	217.7	62.0	61.8	61.6	185.7	189.8	190.2	96.3	93.3	93.3	17
8.0	7.5	7.5	34.8	34.5	34.2	5.3	5.3	5.3	25.2	25.6	25.4	31.8	30.9	30.5	18
11.1	10.8	10.8	49.7	48.8	48.8	11.6	11.7	11.8	37.4	38.1	38.1	35.5	36.7	36.3	19
204.5	199.4	196.5	821.6	829.7	827.0	241.9	243.9	243.0	853.3	881.1	878.1	439.5	437.4	423.3	20
4.1	3.8	3.9	21.6	21.6	21.7	3.6	3.6	3.6	17.9	18.2	18.2	15.0	15.5	15.1	21
6.9	7.1	7.0	38.7	39.9	39.7	8.3	8.5	8.5	32.1	32.5	32.5	35.9	36.5	36.3	22
26.4	25.9	25.8	109.3	109.4	109.3	19.9	19.9	19.8	92.4	93.4	94.5	99.3	98.9	92.2	23
23.0	22.3	22.0	95.1	94.8	94.8	22.8	22.5	22.6	78.3	77.8	78.2	136.6	136.3	136.9	24
5.4	4.9	4.9	24.1	24.1	24.1	4.4	4.4	4.4	20.5	20.6	20.5	23.4	24.0	22.7	25
29.7	29.6	29.5	152.9	149.0	149.3	41.1	41.0	40.9	158.7	160.1	161.8	133.1	128.3	127.8	26
133.3	128.5	127.6	364.0	363.7	365.5	151.5	152.7	153.2	370.8	380.0	380.8	267.9	270.4	264.4	27
22.9	22.2	22.1	129.0	133.1	133.0	28.9	28.3	28.2	160.2	163.7	162.4	73.5	71.4	70.7	28
5.5	5.4	5.4	29.6	29.4	29.4	5.9	6.0	6.0	34.2	34.9	34.9	23.6	22.9	22.8	29
5.1	4.9	4.9	23.5	23.7	23.7	6.0	6.0	6.0	20.5	23.6	23.6	17.9	17.1	17.4	30
8.5	8.2	8.9	29.1	27.7	28.3	5.3	5.4	5.4	24.8	24.9	24.9	24.2	24.0	23.8	31
4.8	4.6	4.6	22.9	23.0	23.1	3.5	3.4	3.4	19.5	20.0	19.9	32.9	33.3	33.1	32
82.6	80.9	81.1	314.9	315.7	317.4	80.4	82.7	82.8	270.1	276.9	277.8	228.7	224.9	223.4	33
57.6	56.1	56.3	196.2	196.1	196.8	57.2	59.2	59.3	181.3	185.0	185.8	129.4	126.5	126.2	34
59.6	59.4	59.5	302.9	306.1	306.0	111.9	117.2	117.1	293.4	302.2	301.6	173.7	166.8	165.5	35
6.1	6.0	6.0	34.6	34.5	34.6	7.8	7.8	7.8	35.9	35.7	35.8	14.1	15.4	15.4	36
13.7	13.7	13.7	83.4	85.0	84.7	62.0	64.5	64.6	75.9	76.9	76.2	51.8	50.8	51.0	37
3.1	3.3	3.4	10.0	10.2	10.1	1.9	1.9	1.9	9.9	13.1	13.3	5.3	5.5	5.5	38
15.1	15.2	15.2	40.3	40.6	40.6	11.3	11.7	11.6	48.9	50.5	50.5	22.3	22.9	22.6	39
4.7	4.7	4.7	26.0	26.4	26.3	8.5	8.6	8.7	25.5	27.3	26.9	9.1	9.5	9.5	40
2.9	3.0	3.0	15.8	16.4	16.2	3.8	3.9	3.9	19.7	20.0	20.2	10.8	11.2	10.9	41
11.7	11.6	11.6	58.2	57.8	58.4	13.1	13.1	13.1	50.6	50.9	50.5	44.0	43.6	43.2	42
11.5	11.4	11.4	47.0	46.7	46.5	12.2	12.3	12.3	45.1	44.8	44.5	33.6	33.7	32.8	43
26.6	26.7	26.6	64.0	64.6	64.4	34.5	34.1	34.2	184.0	185.9	186.2	286.9	287.8	286.4	44
73.1	73.9	73.8	309.8	315.1	315.7	93.1	93.4	93.6	447.6	454.4	454.5	552.3	548.6	543.8	45
227.3	229.6	231.0	972.6	1,011.4	1,003.8	272.0	278.5	278.3	853.4	907.9	905.6	568.3	586.1	572.4	46
3.2	3.3	3.2	23.1	23.1	22.6	4.8	4.8	4.7	21.7	21.9	21.4	13.4	11.7	10.8	47
17.5	17.6	17.7	101.8	99.2	99.3	31.5	31.3	30.9	85.1	85.4	84.6	48.3	44.7	44.3	48
4.3	4.5	4.5	20.0	19.9	19.9	6.5	6.7	6.7	16.2	16.3	16.3	8.5	9.2	9.1	49
1.7	1.7	1.7	14.5	13.8	13.8	3.1	3.2	3.2	14.1	13.8	13.9	26.5	27.0	27.0	50
24.6	24.9	25.2	78.2	78.4	78.6	28.1	28.0	28.1	64.3	65.0	65.1	48.1	49.8	49.7	51
5.3	5.0	5.0	29.5	27.5	27.3	6.6	6.9	6.9	23.5	23.4	23.2	14.2	14.1	14.4	52
4.7	4.6	4.6	22.5	21.7	21.7	4.3	4.2	4.1	25.2	25.5	25.6	19.2	19.2	19.0	53
73.7	70.7	70.8	195.9	190.9	191.0	57.8	56.2	56.1	181.6	178.2	178.2	89.7	92.7	91.8	54
15.3	15.7	15.7	81.7	80.2	79.5	23.6	23.3	23.6	83.6	84.0	83.7	41.6	36.2	36.1	55
4.9	4.8	5.2	24.6	25.6	24.6	4.4	4.6	4.6	21.3	21.5	21.8	23.6	22.5	22.6	56
3.3	3.2	3.2	21.1	21.5	20.6	6.0	5.9	5.8	18.5	18.5	18.4	9.7	10.5	10.3	57
3.3	3.0	3.0	15.6	15.4	15.1	3.5	3.6	3.5	13.9	14.1	14.1	31.9	28.8	31.0	58
32.4	32.9	32.7	157.8	156.2	156.2	41.4	42.7	41.8	134.7	137.0	135.9	66.6	77.4	77.0	59
9.5	9.9	9.8	56.6	55.2	54.6	18.2	17.7	17.5	52.1	51.5	51.4	29.6	30.9	30.7	60

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

	State and areas	Total			Mining			Construction			Manufacturing		
		AUG. 1981	JULY 1982	AUG. 1982P	AUG. 1981	JULY 1982	AUG. 1982P	AUG. 1981	JULY 1982	AUG. 1982P	AUG. 1981	JULY 1982	AUG. 1982P
1	**GEORGIA**	2,180.2	2,149.1	2,149.8	7.9	7.9	7.8	103.7	100.2	99.8	523.5	492.1	494.5
2	Albany	44.9	43.5	44.0	(1)	(1)	(1)	2.2	2.3	2.4	12.3	11.2	11.8
3	Atlanta	982.9	992.8	994.7	(1)	(1)	(1)	45.9	45.3	45.6	143.4	140.2	139.6
4	Augusta	121.8	122.3	122.3	(1)	(1)	(1)	5.4	5.4	5.4	35.9	34.0	33.7
5	Columbus	82.3	79.2	79.1	(1)	(1)	(1)	4.9	4.9	4.9	21.5	18.9	19.0
6	Macon	98.9	97.6	97.6	(1)	(1)	(1)	3.6	3.7	3.6	17.8	17.1	17.4
7	Savannah	87.9	85.7	86.3	(1)	(1)	(1)	5.3	4.7	4.7	17.1	16.2	16.1
8	**HAWAII**	405.3	404.7	403.3	-	-	-	22.3	18.9	18.5	24.0	24.9	24.2
9	Honolulu	333.4	331.4	329.8	-	-	-	18.5	15.0	14.6	17.8	18.6	17.9
10	**IDAHO**	325.4	312.9	311.8	5.3	2.9	.9	18.8	17.0	17.0	53.6	49.3	49.3
11	Boise City	77.3	75.4	75.5	(1)	(1)	(1)	5.7	5.0	5.1	9.1	9.1	9.1
12	**ILLINOIS**	4,769.2	4,625.6	4,615.9	28.8	28.3	29.5	173.6	172.7	171.5	1,141.1	1,016.7	1,013.0
13	Bloomington—Normal	48.7	46.8	47.9	(2)	(2)	(2)	1.9	1.9	1.9	6.5	5.7	5.9
14	Champaign—Urbana—Rantoul	70.5	72.0	70.1	(2)	(2)	(2)	1.9	1.9	1.8	7.7	7.4	7.3
15	Chicago—Gary	(*)	3,417.6	(*)	(*)	4.2	(*)	(*)	121.7	(*)	(*)	782.1	(*)
16	Chicago SMSA [1]	3,241.3	3,173.6	3,172.1	3.9	4.1	4.0	95.4	107.3	105.0	770.4	702.2	701.3
17	Davenport—Rock Island—Moline	163.2	159.4	153.3	(2)	(2)	(2)	7.9	7.7	7.7	49.8	43.3	42.2
18	Decatur	56.3	52.8	50.2	(2)	(2)	(2)	2.5	2.3	2.3	20.7	18.3	15.9
19	Kankakee	33.5	32.9	32.7	(2)	(2)	(2)	1.3	1.7	1.6	8.8	8.0	7.8
20	Peoria	149.1	138.0	138.8	(2)	(2)	(2)	7.4	7.7	7.6	48.7	37.9	37.3
21	Rockford	117.1	105.6	106.1	(2)	(2)	(2)	3.7	3.8	3.8	49.9	39.5	39.6
22	Springfield	91.5	88.2	92.7	(2)	(2)	(2)	4.4	4.3	4.4	6.6	6.2	6.2
23	**INDIANA**	2,115.7	2,006.2	2,005.3	9.8	9.1	9.0	95.5	86.3	85.9	669.1	591.0	588.5
24	Anderson	44.9	42.8	41.8	(1)	(1)	(1)	1.2	1.1	1.1	19.4	17.5	16.8
25	Elkhart	68.6	65.8	65.6	-	-	-	2.3	2.0	2.0	35.1	33.4	33.2
26	Evansville	128.3	124.6	123.8	2.8	2.4	2.4	7.4	6.7	6.9	36.4	33.8	32.9
27	Fort Wayne	174.2	162.1	162.6	(1)	(1)	(1)	8.6	7.4	7.5	55.1	47.8	48.1
28	Gary—Hammond—East Chicago [1]	251.6	236.7	236.6	(1)	(1)	(1)	15.1	13.9	13.8	91.5	77.5	77.5
29	Indianapolis	532.3	516.4	515.7	(1)	(1)	(1)	24.1	22.6	22.6	122.2	112.3	110.3
30	Lafayette—West Lafayette	53.6	52.9	52.3	(1)	(1)	(1)	3.1	2.6	2.5	11.4	10.5	10.4
31	Muncie	46.5	44.0	43.9	(1)	(1)	(1)	1.5	1.2	1.2	12.4	10.6	10.6
32	South Bend	104.7	103.6	101.7	(1)	(1)	(1)	4.4	3.8	3.9	30.7	27.5	29.3
33	Terre Haute	59.4	55.8	56.5	1.4	1.4	1.3	3.5	2.5	2.5	14.8	13.9	13.2
34	**IOWA**	1,076.2	1,029.6	1,026.4	2.1	2.3	2.0	50.7	44.6	44.9	232.8	205.6	201.7
35	Cedar Rapids	80.4	74.7	74.3	(1)	(1)	(1)	3.5	3.1	3.1	25.7	22.2	21.9
36	Des Moines	173.5	169.2	166.4	(1)	(1)	(1)	7.0	5.5	5.7	22.7	20.5	18.3
37	Dubuque	41.8	37.8	37.3	(1)	(1)	(1)	1.4	1.2	1.2	14.8	10.7	10.4
38	Sioux City	48.4	45.3	45.4	(1)	(1)	(1)	2.3	1.6	1.6	9.0	6.4	6.6
39	Waterloo—Cedar Falls	63.2	59.3	58.8	(1)	(1)	(1)	2.2	2.2	2.3	22.5	19.3	18.6
40	**KANSAS**	939.9	912.4	910.2	20.0	18.3	18.9	44.3	39.1	38.9	188.6	156.8	160.4
41	Lawrence	26.8	25.3	26.1	(2)	(2)	(2)	1.3	.8	.9	4.6	4.3	4.4
42	Topeka	85.2	83.1	82.9	.2	.2	.2	3.5	3.0	3.1	9.9	9.2	9.1
43	Wichita	206.7	193.5	189.1	3.7	3.7	3.6	10.4	9.2	9.2	63.8	52.1	48.7
44	**KENTUCKY**	1,190.1	1,127.1	1,128.1	53.9	52.4	51.9	54.4	45.7	47.2	273.6	246.4	248.2
45	Lexington—Fayette	142.7	139.8	139.0	(1)	(1)	(1)	6.3	4.8	4.7	29.7	26.9	26.7
46	Louisville	382.7	368.8	367.5	(1)	(1)	(1)	18.7	17.1	17.1	94.3	83.2	82.5
47	Owensboro	31.8	27.8	27.8	1.2	.9	.8	1.9	1.3	1.3	6.9	5.7	5.7
48	**LOUISIANA**	1,636.7	1,613.0	1,608.6	130.2	99.1	98.3	145.4	134.2	133.1	223.2	198.3	197.2
49	Alexandria	53.5	53.4	53.8	(1)	(1)	(1)	4.2	4.0	4.1	5.3	5.3	5.4
50	Baton Rouge	204.3	203.7	200.9	1.3	1.3	1.4	26.0	19.5	18.9	26.6	25.2	24.8
51	Lafayette	91.3	97.6	97.1	18.8	19.9	20.3	5.8	6.3	6.1	4.9	5.3	5.4
52	Lake Charles	71.3	68.9	64.0	2.5	2.3	2.3	13.8	6.2	5.9	13.7	10.9	10.8
53	Monroe	49.4	48.5	48.3	.7	.7	.6	3.6	3.3	3.4	7.7	6.5	6.6
54	New Orleans	520.4	512.2	509.3	20.9	22.3	21.9	38.9	38.5	38.3	53.6	47.7	47.5
55	Shreveport	152.2	147.4	147.2	8.1	5.7	5.8	9.3	8.7	8.3	28.8	26.4	25.7
56	**MAINE**	432.6	413.6	422.1	(1)	(1)	(1)	19.3	18.7	19.4	117.4	100.9	109.9
57	Lewiston—Auburn	35.2	32.1	34.1	(1)	(1)	(1)	1.4	1.3	1.3	12.0	9.2	10.8
58	Portland	93.5	95.0	95.9	(1)	(1)	(1)	3.9	4.2	4.1	18.0	16.3	17.3
59	**MARYLAND**	1,697.4	1,684.9	1,682.3	(1)	(1)	(1)	99.4	84.9	83.3	229.6	209.8	206.1
60	Baltimore SMSA	943.9	942.5	939.6	(1)	(1)	(1)	47.8	37.9	37.0	154.5	137.6	135.4
61	Baltimore City [1]	445.2	437.3	430.8	(1)	(1)	(1)	17.7	14.3	14.1	63.1	56.3	56.9

See footnotes at end of table.

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
AUG. 1981	JULY 1982	AUG. 1982P	AUG. 1981	JULY 1982	AUG. 1982P	AUG. 1981	JULY 1982	AUG. 1982P	AUG. 1981	JULY 1982	AUG. 1982P	AUG. 1981	JULY 1982	AUG. 1982P	
145.4	142.7	141.9	502.5	496.6	496.7	114.6	115.8	115.7	361.7	359.0	358.2	420.7	424.8	424.2	1
2.3	2.2	2.2	9.4	9.4	9.4	2.0	2.1	2.1	6.4	6.1	6.0	10.4	10.3	10.1	2
90.3	90.5	90.2	269.4	273.0	274.3	67.9	69.1	69.3	209.6	218.5	219.2	156.4	156.3	156.6	3
4.4	4.5	4.5	22.6	23.4	23.9	4.5	4.8	4.8	17.9	18.4	18.3	31.1	32.0	31.7	4
3.4	3.2	3.2	15.8	15.7	15.6	5.4	5.5	5.5	11.8	11.4	11.5	19.0	19.5	19.4	5
4.5	4.4	4.5	20.3	20.6	20.5	6.3	6.1	6.1	17.3	16.9	17.0	29.0	28.6	28.6	6
8.8	8.1	7.7	21.9	21.7	21.6	4.2	4.2	4.2	16.1	16.3	16.6	14.6	15.4	15.3	7
31.4	30.2	30.4	105.2	106.2	105.6	32.2	32.2	32.2	100.7	101.7	101.3	90.0	90.6	91.1	8
26.3	25.3	25.3	86.9	87.8	87.2	27.6	27.8	27.8	80.7	80.5	80.4	75.5	76.4	76.6	9
19.8	19.6	19.6	79.5	78.8	78.0	23.3	23.1	23.0	60.5	58.4	58.9	65.4	63.8	63.1	10
5.0	4.8	4.8	19.4	19.4	19.4	8.2	7.5	7.5	14.3	14.1	14.2	15.3	15.4	15.1	11
283.2	270.7	270.6	1,092.0	1,071.2	1,073.1	321.3	321.9	321.1	968.2	977.4	978.3	764.0	767.2	759.8	12
3.1	3.1	3.1	12.3	11.8	11.9	7.6	7.9	7.9	8.2	8.5	8.5	9.1	7.9	8.7	13
2.7	2.5	2.5	19.2	19.0	19.0	2.5	2.4	2.4	11.7	12.0	11.6	28.3	27.3	25.9	14
(*)	203.6	(*)	(*)	800.5	(*)	(*)	254.1	(*)	(*)	750.1	(*)	(*)	501.3	(*)	15
197.6	189.6	189.4	756.6	748.8	750.0	248.0	244.8	244.2	708.1	711.3	712.2	461.0	465.5	465.0	16
7.0	6.7	6.6	40.7	39.2	39.3	7.2	7.2	7.2	24.3	23.9	23.8	26.3	26.4	26.5	17
5.2	5.1	5.1	11.5	11.3	11.3	2.7	2.7	2.7	8.7	8.7	8.7	5.0	4.7	4.7	18
1.4	1.4	1.4	6.9	6.8	6.9	1.1	1.1	1.1	6.4	6.3	6.4	7.0	7.6	7.5	19
7.9	7.8	7.8	34.7	33.8	33.9	7.1	7.0	7.0	26.5	26.1	25.8	18.8	17.7	17.8	20
4.4	4.2	4.5	24.8	23.5	23.6	4.2	4.2	4.2	18.6	18.7	18.7	11.5	11.7	11.7	21
4.7	4.6	4.5	21.0	18.8	20.7	6.6	6.7	6.7	19.8	18.5	20.4	28.8	29.1	29.8	22
104.7	99.7	99.5	469.8	459.4	461.6	132.5	100.8	100.8	342.8	346.1	347.4	326.6	313.9	312.7	23
1.2	1.2	1.2	9.4	9.0	9.0	1.6	1.6	1.6	7.1	7.2	7.2	5.0	5.2	4.9	24
2.2	2.1	2.1	13.1	12.8	12.8	2.2	2.1	2.1	8.9	8.9	8.9	4.8	4.5	4.5	25
7.1	7.0	7.0	31.3	31.4	31.5	4.7	4.7	4.7	26.1	25.9	25.9	12.5	12.7	12.5	26
11.3	10.5	10.4	42.5	40.8	40.8	10.6	10.5	10.5	29.0	28.6	28.6	17.4	16.5	16.7	27
14.9	13.9	13.9	51.7	51.2	51.1	9.2	9.0	9.0	37.4	37.9	38.0	31.8	33.3	33.3	28
31.4	30.1	30.0	133.3	130.9	131.4	39.1	38.5	38.5	97.7	98.2	99.3	84.5	83.1	83.6	29
1.4	1.4	1.4	10.8	10.8	11.0	2.6	2.5	2.5	9.3	9.0	9.4	15.0	15.7	15.1	30
2.0	2.0	2.0	12.4	12.1	12.1	1.5	1.4	1.4	8.4	8.4	8.4	8.3	8.3	8.2	31
4.6	4.4	4.3	25.4	24.6	24.7	5.3	5.2	5.2	22.6	22.8	22.6	11.7	12.2	11.8	32
3.4	3.2	3.1	15.2	13.5	13.5	2.1	1.9	1.8	9.1	8.9	8.9	9.9	10.5	10.2	33
54.1	51.2	50.8	275.2	266.7	267.4	60.0	60.3	60.1	206.4	204.7	206.9	198.9	194.6	192.6	34
3.7	3.7	3.7	18.9	17.8	17.8	4.3	4.2	4.2	15.5	15.6	15.5	8.8	8.2	8.0	35
11.1	11.1	11.2	45.5	44.3	44.1	22.3	23.1	22.9	39.2	39.1	39.1	25.8	25.6	25.2	36
1.6	1.6	1.5	9.2	8.8	8.8	1.3	1.3	1.3	10.3	10.8	10.9	3.3	3.3	3.2	37
3.9	3.8	3.8	12.9	12.8	12.8	2.8	2.7	2.7	12.1	12.4	12.5	5.4	5.6	5.5	38
2.4	2.3	2.3	13.6	13.2	13.2	2.1	2.0	2.0	11.1	10.9	10.9	9.4	9.6	9.4	39
63.4	62.0	62.6	228.3	226.0	225.6	48.3	48.4	48.3	175.9	180.1	180.1	171.1	172.0	172.4	40
1.5	1.4	1.4	5.2	5.3	5.3	.8	.9	.8	4.1	4.0	4.1	9.5	8.6	9.2	41
8.4	8.1	8.1	18.5	18.2	18.0	6.1	5.9	5.9	17.7	17.6	17.8	20.9	20.9	20.7	42
10.3	10.8	10.8	47.2	45.2	45.0	9.8	9.9	9.9	40.3	40.7	40.5	21.2	21.9	21.4	43
67.8	65.2	65.8	257.7	248.5	247.5	52.0	51.7	51.8	213.6	213.1	213.6	217.1	204.1	206.1	44
7.6	7.5	7.5	31.5	31.8	31.7	7.0	6.7	6.8	28.3	30.1	29.9	32.3	32.0	31.7	45
23.4	22.5	22.3	86.8	86.8	86.8	24.6	24.2	24.1	77.6	78.4	79.8	57.4	56.6	55.3	46
2.4	2.3	2.3	7.2	6.3	6.3	1.3	1.3	1.3	6.3	5.5	5.5	4.6	4.5	4.6	47
134.0	131.8	131.2	372.0	369.4	370.2	75.2	76.6	76.5	290.8	295.5	297.3	295.9	307.1	305.1	48
2.4	2.4	2.4	11.6	11.9	11.9	3.0	3.0	3.0	11.2	11.2	11.4	15.8	15.6	15.6	49
10.9	11.2	11.4	46.5	46.6	47.2	12.3	12.7	12.7	36.0	37.2	37.5	45.2	47.0	47.0	50
6.9	7.8	7.9	23.6	25.3	25.6	3.3	3.5	3.5	18.3	19.4	19.4	9.4	10.5	9.4	51
4.4	5.0	4.9	15.2	15.3	15.4	2.9	3.0	3.0	10.6	11.1	10.7	11.2	11.0	11.0	52
2.7	2.6	2.5	13.2	12.4	12.4	3.9	3.9	3.9	8.8	9.0	9.1	8.8	10.1	9.8	53
56.2	55.0	54.1	131.1	128.6	128.7	31.5	31.1	31.0	114.6	113.3	112.5	81.5	84.0	83.3	54
9.3	9.3	9.3	35.4	33.9	34.3	7.3	7.1	7.2	30.1	31.6	32.1	23.9	24.7	24.5	55
19.5	19.0	19.2	94.4	92.8	93.0	17.5	18.1	18.2	87.3	86.5	86.4	77.2	77.6	77.0	56
1.2	1.2	1.2	8.1	8.2	8.3	1.8	1.7	1.7	7.7	7.7	8.0	3.0	2.8	2.8	57
5.9	6.1	6.2	26.1	26.5	26.6	7.6	8.3	8.4	21.0	22.4	22.3	11.0	11.2	11.0	58
85.2	82.8	82.3	405.3	411.7	413.5	95.2	96.2	96.2	383.3	388.3	388.1	399.4	411.2	392.8	59
57.0	54.4	53.8	219.7	228.7	230.0	59.6	59.5	59.2	200.7	203.1	203.2	206.3	221.3	206.0	60
39.0	38.0	37.5	95.8	96.6	96.6	39.2	39.7	39.7	104.9	105.9	105.5	85.6	86.5	80.5	61

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

	State and areas	Total			Mining			Construction			Manufacturing		
		AUG. 1981	JULY 1982	AUG. 1982P	AUG. 1981	JULY 1982	AUG. 1982P	AUG. 1981	JULY 1982	AUG. 1982P	AUG. 1981	JULY 1982	AUG. 1982P
1	**MASSACHUSETTS**	2,654.0	2,592.8	2,603.2	(1)	(1)	(1)	86.9	85.3	86.1	667.0	613.1	625.5
2	Boston	1,462.3	1,453.7	1,458.1	(1)	(1)	(1)	47.5	46.3	47.0	291.4	284.3	285.2
3	Brockton	56.3	55.1	55.5	(1)	(1)	(1)	1.5	1.6	1.6	12.4	11.4	11.7
4	Fall River	53.7	48.6	52.6	(1)	(1)	(1)	1.5	1.3	1.3	20.0	15.4	18.9
5	Lawrence—Haverhill	116.6	110.5	111.4	(1)	(1)	(1)	3.1	3.0	3.0	47.3	41.6	42.3
6	Lowell	77.2	78.0	78.3	(1)	(1)	(1)	3.1	3.0	3.1	29.0	29.8	29.9
7	New Bedford	64.8	62.2	62.8	(1)	(1)	(1)	1.7	1.6	1.6	26.4	24.1	24.5
8	Springfield—Chicopee—Holyoke	231.5	224.6	224.9	(1)	(1)	(1)	6.6	6.3	6.3	63.7	58.0	59.2
9	Worcester	162.5	159.0	159.3	(1)	(1)	(1)	5.4	5.3	5.6	47.8	42.6	43.0
10	**MICHIGAN**	3,331.9	3,197.0	3,190.6	13.0	9.3	9.1	109.9	94.4	97.6	955.4	876.8	864.9
11	Ann Arbor	131.5	129.0	128.0	(1)	(1)	(1)	2.3	1.8	1.9	38.9	36.3	35.5
12	Battle Creek	62.3	59.3	60.4	(1)	(1)	(1)	1.6	1.7	1.8	20.4	16.4	17.6
13	Bay City	34.2	34.2	33.9	(1)	(1)	(1)	1.1	1.0	1.1	9.0	8.5	8.2
14	Benton Harbor	59.9	57.7	56.6	(1)	(1)	(1)	1.9	1.7	1.5	21.6	19.9	19.1
15	Detroit	1,614.5	1,545.5	1,541.2	1.2	1.0	1.0	48.8	44.6	47.3	455.3	412.6	404.7
16	Flint	184.9	180.8	176.2	(1)	(1)	(1)	6.6	4.3	4.6	68.6	63.9	61.8
17	Grand Rapids	267.4	262.6	264.5	(1)	(1)	(1)	12.1	11.0	11.2	89.7	85.4	88.2
18	Jackson	50.7	47.2	46.8	(1)	(1)	(1)	1.4	1.0	1.0	14.2	12.4	12.1
19	Kalamazoo—Portage	107.5	105.5	105.7	(1)	(1)	(1)	4.5	4.0	4.1	32.2	30.6	30.5
20	Lansing—East Lansing	185.4	180.6	181.2	(1)	(1)	(1)	5.9	3.4	3.7	38.1	36.7	36.1
21	Muskegon—Norton Shores—Musk. Hts	60.4	58.1	57.8	(1)	(1)	(1)	2.2	2.0	2.0	20.2	18.7	18.4
22	Saginaw	83.1	80.4	80.5	(1)	(1)	(1)	2.5	2.4	2.4	29.2	25.4	25.4
23	**MINNESOTA**	1,769.3	1,706.3	1,709.3	16.8	7.1	5.7	77.8	71.2	72.3	372.3	349.3	353.5
24	Duluth—Superior	59.3	54.1	55.0	(1)	(1)	(1)	2.2	1.7	1.7	7.3	5.5	5.6
25	Minneapolis—St. Paul	1,084.5	1,058.4	1,057.5	(1)	(1)	(1)	43.1	37.9	38.2	245.8	232.7	234.4
26	Rochester	52.3	51.7	51.8	(2)	(2)	(2)	1.8	2.4	2.3	11.0	10.5	10.4
27	St. Cloud	53.0	51.6	51.8	(1)	(1)	(1)	3.8	3.4	3.6	12.3	11.4	11.2
28	**MISSISSIPPI**	813.3	789.6	782.7	13.1	12.8	12.7	43.8	39.5	40.0	223.5	206.5	205.8
29	Jackson	145.8	142.9	143.1	2.1	2.1	2.1	6.4	5.7	5.7	19.0	16.9	17.2
30	**MISSOURI**	1,976.3	1,953.3	1,955.9	6.8	7.3	7.2	95.9	97.0	98.1	428.3	407.0	409.0
31	Kansas City	622.9	599.3	594.2	.5	.4	.4	23.8	21.4	21.4	116.1	111.7	107.5
32	St. Joseph	35.3	34.7	34.5	(2)	(2)	(2)	2.1	1.8	1.7	8.3	8.3	8.2
33	St. Louis	990.3	975.8	973.8	3.5	3.2	3.3	45.6	46.6	47.1	231.2	219.1	219.1
34	Springfield	86.5	84.4	85.1	(2)	(2)	(2)	3.8	3.7	3.6	18.6	17.0	17.3
35	**MONTANA**	290.2	278.6	278.3	12.3	10.2	10.0	15.6	14.5	14.2	24.5	21.7	21.5
36	Billings	48.5	48.6	48.8	(1)	(1)	(1)	2.5	2.5	2.7	4.2	4.0	4.0
37	Great Falls	29.7	29.9	29.9	(1)	(1)	(1)	1.7	1.9	1.9	1.4	1.3	1.3
38	**NEBRASKA**	623.6	608.2	604.4	1.8	1.7	1.5	27.7	25.9	25.4	95.5	83.8	82.5
39	Lincoln	98.5	94.6	95.1	(2)	(2)	(2)	3.6	3.1	3.0	13.3	12.1	11.8
40	Omaha	263.5	258.6	256.1	(2)	(2)	(2)	10.4	9.9	9.7	36.1	32.9	32.9
41	**NEVADA**	423.9	415.8	417.2	8.1	7.2	7.2	26.3	23.9	24.0	20.9	19.9	19.9
42	Las Vegas	233.7	229.4	229.9	.5	.5	.5	15.6	14.1	14.1	7.6	7.2	7.2
43	Reno	117.3	117.2	117.1	.8	.8	.8	6.4	6.0	5.1	8.7	8.1	8.0
44	**NEW HAMPSHIRE**	405.0	397.4	400.3	(2)	(2)	(2)	22.7	24.8	24.6	118.2	109.5	112.4
45	Manchester	74.9	74.3	75.6	(2)	(2)	(2)	3.4	3.2	3.3	17.3	16.4	17.3
46	Nashua	67.9	67.6	67.6	(2)	(2)	(2)	2.9	2.9	3.0	31.6	30.3	30.0
47	**NEW JERSEY**	3,127.1	3,097.8	3,098.4	2.5	2.4	2.5	119.4	118.8	119.0	775.5	715.2	722.3
48	Atlantic City	106.4	108.7	108.7	-	-	-	5.7	5.9	6.2	8.3	6.9	7.0
49	Camden *	345.1	344.0	343.7	.1	.1	.1	14.4	13.7	13.9	71.4	65.3	65.3
50	Hackensack *	395.9	389.6	386.4	(1)	(1)	(1)	16.2	15.3	15.0	109.4	104.0	103.6
51	Jersey City *	226.5	219.7	220.6	-	-	-	5.4	6.0	5.9	68.3	61.6	62.0
52	Long Branch—Asbury Park	173.8	176.5	176.0	(1)	(1)	(1)	7.8	7.0	6.9	25.6	24.1	24.1
53	New Bruns.—Perth Amboy—Sayreville *	291.2	287.2	287.5	(1)	(1)	(1)	11.6	11.2	11.3	92.0	83.6	83.5
54	Newark *	943.6	938.6	940.6	.9	.8	.8	34.3	33.5	33.2	240.7	226.6	229.9
55	Paterson—Clifton—Passaic *	192.3	185.8	184.6	(1)	(1)	(1)	7.3	6.5	6.3	67.8	63.9	64.1
56	Trenton	161.9	157.1	156.0	(1)	(1)	(1)	3.6	3.9	3.9	34.2	29.3	28.9
57	Vineland—Millville—Bridgeton	55.4	50.5	52.1	(1)	(1)	(1)	2.2	1.8	1.9	19.1	15.0	16.5
58	**NEW MEXICO**	477.9	472.0	474.8	32.3	27.2	27.0	34.1	32.3	32.4	34.7	32.7	33.2
59	Albuquerque	190.3	189.2	190.6	(1)	(1)	(1)	12.5	12.1	12.3	17.9	16.8	16.9
60	Las Cruces	28.5	29.9	30.2	-	-	-	1.9	1.7	1.7	2.7	2.6	2.9

See footnotes at end of table.

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
AUG. 1981	JULY 1982	AUG. 1982P	AUG. 1981	JULY 1982	AUG. 1982P	AUG. 1981	JULY 1982	AUG. 1982P	AUG. 1981	JULY 1982	AUG. 1982P	AUG. 1981	JULY 1982	AUG. 1982P	
118.5	115.6	116.3	578.3	580.5	579.2	168.3	172.1	172.1	667.2	669.0	672.2	367.8	357.2	351.8	1
70.0	68.6	69.0	314.2	317.4	317.9	118.1	118.1	118.1	432.1	439.5	442.0	193.0	179.5	178.9	2
3.2	3.4	3.3	15.3	15.2	15.1	2.3	2.3	2.3	10.3	10.5	10.8	11.7	10.7	10.7	3
1.8	1.9	1.9	11.8	11.6	11.8	2.8	2.9	3.0	9.4	9.5	9.9	6.4	6.0	5.8	4
4.8	4.7	4.9	22.2	22.3	22.5	4.4	4.5	4.5	19.0	19.5	19.5	15.8	14.9	14.7	5
3.2	3.0	3.0	16.3	16.4	16.5	2.2	2.3	2.3	12.3	13.2	13.3	11.1	10.3	10.2	6
2.3	2.2	2.2	12.8	12.8	12.9	2.1	2.0	2.0	10.7	11.0	11.1	8.8	8.5	8.5	7
9.0	8.7	8.7	47.6	47.6	47.9	14.0	13.8	13.8	47.8	49.1	49.1	42.8	41.1	39.9	8
7.4	7.4	7.5	35.5	35.6	35.9	10.6	11.2	11.0	33.5	34.8	34.7	22.3	22.1	21.6	9
145.1	138.0	137.6	716.1	681.2	687.1	154.6	153.3	152.9	662.6	665.1	667.5	575.3	578.9	574.0	10
3.4	3.4	3.4	19.8	19.1	19.1	4.0	3.8	3.8	24.1	24.8	24.8	39.1	39.8	39.5	11
2.3	2.2	2.2	10.7	10.6	10.6	4.3	4.3	4.2	11.7	12.1	12.0	11.7	12.1	12.0	12
1.7	1.7	1.7	8.8	9.0	9.1	1.4	1.4	1.3	7.2	7.6	7.5	5.1	5.0	5.0	13
2.2	2.1	2.1	11.7	11.5	11.6	2.0	1.9	1.9	12.6	12.3	12.1	7.8	8.3	8.3	14
77.6	72.6	72.0	358.8	346.5	345.3	88.5	88.9	89.3	352.1	347.7	349.0	232.3	231.6	232.6	15
5.8	6.3	6.1	40.3	38.9	39.1	6.5	6.4	5.3	29.3	29.2	29.4	27.7	31.9	28.9	16
11.2	11.0	11.0	64.0	64.6	64.6	11.0	10.9	10.9	50.4	49.9	50.2	29.1	30.0	28.5	17
5.1	5.1	5.1	10.4	9.7	9.6	1.6	1.6	1.6	9.7	9.7	9.6	8.3	7.6	7.6	18
4.3	4.3	4.2	22.4	22.4	22.5	4.1	4.0	4.0	22.5	22.4	22.3	17.4	17.8	18.1	19
5.5	5.6	5.6	34.7	34.8	35.8	9.4	9.1	9.1	30.5	30.7	32.2	61.3	60.3	58.7	20
3.2	3.1	3.1	12.2	11.9	11.9	1.4	1.4	1.4	11.2	10.8	10.9	10.2	10.2	10.1	21
4.9	4.8	4.8	18.1	18.7	18.8	4.1	3.9	3.9	14.2	15.3	15.1	10.3	9.9	10.0	22
97.7	91.9	91.4	448.1	431.6	434.7	98.3	98.7	98.5	384.7	393.0	394.5	273.6	263.7	258.6	23
6.6	5.5	5.2	15.3	14.9	15.1	2.3	2.2	2.2	14.3	13.5	14.0	11.9	10.8	11.4	24
61.8	58.9	58.6	270.2	262.6	262.7	73.6	73.1	73.0	244.7	249.9	251.0	145.3	143.3	139.6	25
2.0	1.9	1.9	10.1	10.1	10.2	1.5	1.5	1.6	19.9	20.5	20.6	5.8	4.7	4.8	26
3.3	3.1	3.1	13.6	13.0	13.2	2.0	1.9	1.9	9.8	10.1	10.2	8.3	8.6	8.6	27
40.6	40.4	40.2	164.9	163.1	163.2	33.4	33.1	33.0	118.4	120.6	117.6	175.3	173.5	170.3	28
10.1	10.1	10.1	34.9	34.7	34.7	11.3	11.1	11.1	29.3	29.4	29.4	32.8	32.8	32.8	29
137.8	133.7	134.2	471.7	466.4	467.6	110.7	110.3	110.1	412.6	421.1	422.3	310.5	310.2	307.4	30
52.6	48.8	48.9	160.8	152.7	152.6	45.0	44.7	44.4	135.1	133.6	133.8	89.0	86.0	85.2	31
2.2	2.1	2.1	8.6	8.6	8.5	1.9	2.0	2.0	6.8	6.5	6.4	5.4	5.5	5.6	32
72.2	69.7	69.6	228.6	225.8	225.8	58.4	57.5	57.4	224.8	226.9	226.4	125.7	127.0	125.1	33
7.0	7.2	7.2	24.3	23.5	23.6	3.6	3.5	3.5	19.5	19.0	19.5	9.7	10.5	10.4	34
23.1	22.8	22.8	75.6	75.7	77.1	13.2	12.8	12.7	57.6	58.1	58.0	68.2	62.8	62.1	35
4.7	4.5	4.5	16.1	16.5	16.6	2.4	2.5	2.5	11.5	11.5	11.5	7.3	7.1	7.1	36
2.0	2.1	2.1	9.9	10.3	10.4	2.1	2.1	2.1	7.1	7.3	7.4	5.5	4.8	4.8	37
47.9	43.8	43.4	163.6	160.7	160.0	41.4	41.8	41.7	121.4	123.3	122.7	124.4	127.1	127.1	38
7.4	7.0	6.9	22.4	21.8	22.0	7.0	7.0	7.0	16.9	16.7	16.7	27.9	26.8	27.8	39
24.7	23.1	23.0	67.4	65.9	65.2	23.9	24.2	24.2	61.4	61.3	60.3	39.5	41.2	40.8	40
25.4	25.4	25.4	86.7	86.4	86.6	18.7	18.1	18.0	183.8	181.3	181.6	53.5	54.6	54.5	41
14.0	14.0	14.0	49.0	48.7	48.8	10.7	10.4	10.4	111.6	109.1	109.6	24.5	25.4	25.3	42
8.1	8.0	8.0	26.3	26.5	26.5	5.2	5.9	5.8	46.3	46.6	46.7	15.0	15.3	15.2	43
14.3	14.1	14.2	92.9	92.2	92.1	20.9	20.9	20.9	83.1	83.6	84.1	52.9	52.3	52.0	44
4.8	4.7	4.8	19.8	19.9	20.0	6.3	6.4	6.4	15.3	15.7	15.8	8.0	8.0	8.0	45
2.0	2.1	2.1	13.7	14.4	14.5	2.0	2.1	2.1	10.5	10.8	10.9	5.2	5.0	5.0	46
190.5	188.9	189.9	701.4	704.2	702.1	154.7	166.6	166.0	657.5	675.5	674.5	515.6	526.2	522.1	47
4.0	3.9	3.9	22.8	21.8	21.8	5.0	4.8	4.7	44.2	49.1	48.9	16.4	16.3	16.2	48
15.3	15.3	15.3	88.3	89.1	89.4	17.6	17.8	17.7	72.8	76.0	75.8	65.2	66.7	66.2	49
20.2	20.1	20.1	114.2	111.2	110.5	17.9	18.5	18.4	78.0	81.0	81.1	39.9	39.5	37.7	50
25.1	23.6	24.1	44.4	44.3	44.1	8.6	8.7	8.6	31.3	31.7	31.8	43.4	43.8	44.1	51
6.4	7.1	6.7	44.0	45.8	45.8	8.1	8.1	8.1	46.4	47.7	47.9	35.5	36.7	36.5	52
23.5	23.9	24.2	66.0	65.7	66.5	11.9	11.9	11.8	44.2	45.5	46.7	42.0	44.4	43.5	53
73.8	75.0	75.3	178.8	178.7	178.4	56.1	66.9	67.0	202.9	209.2	208.6	146.1	147.9	147.4	54
6.6	6.1	5.9	40.3	38.6	38.4	9.1	9.1	9.1	34.7	35.0	34.5	26.8	26.6	26.3	55
5.2	5.1	5.1	23.8	23.5	23.3	8.6	8.8	8.9	41.1	40.5	40.3	45.5	46.0	45.6	56
3.2	2.8	2.8	9.0	8.7	8.8	2.5	2.6	2.6	8.7	9.7	8.8	10.7	10.9	10.7	57
28.6	28.1	28.6	108.6	110.8	111.8	21.9	22.4	22.4	96.9	98.7	98.8	120.8	119.8	120.6	58
11.8	11.3	11.5	48.5	49.3	49.6	11.1	11.0	11.1	46.0	47.8	47.9	42.2	40.9	41.3	59
1.1	1.2	1.2	5.5	5.8	5.8	1.3	1.3	1.3	4.0	4.0	4.1	12.1	13.3	13.2	60

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

State and areas	Total			Mining			Construction			Manufacturing		
	AUG. 1981	JULY 1982	AUG. 1982P	AUG. 1981	JULY 1982	AUG. 1982P	AUG. 1981	JULY 1982	AUG. 1982P	AUG. 1981	JULY 1982	AUG. 1982P
NEW YORK	7,331.2	7,272.5	7,269.4	6.8	6.8	6.5	229.9	218.3	221.0	1,442.2	1,369.3	1,371.2
Albany—Schenectady—Troy	341.2	333.6	334.7	(1)	(1)	(1)	10.3	10.0	10.0	55.9	51.7	50.1
Binghamton	117.2	116.8	116.8	(1)	(1)	(1)	4.3	4.0	4.1	43.6	42.8	42.8
Buffalo	496.1	473.4	470.8	(1)	(1)	(1)	17.9	15.9	16.1	127.6	118.4	111.5
Elmira	36.7	34.3	34.2	(1)	(1)	(1)	1.2	1.1	1.2	11.6	8.8	8.9
Monroe County [1]	342.1	343.3	342.2	(1)	(1)	(1)	10.7	9.7	10.5	141.0	141.4	140.5
Nassau—Suffolk [1]	925.3	937.6	932.5	(1)	(1)	(1)	37.7	35.8	35.3	168.2	164.6	165.5
New York—Northeastern New Jersey	6,743.7	6,788.7	(2)	2.9	2.1	(2)	208.1	209.4	(2)	1,310.2	1,258.3	(2)
New York and Nassau—Suffolk [1]	4,753.3	4,756.1	4,749.2	2.0	1.9	1.8	142.9	138.1	138.7	743.2	714.9	719.2
New York SMSA [3]	3,827.9	3,818.5	3,816.7	1.7	1.5	1.6	105.2	102.2	102.4	575.0	550.3	553.7
New York City [1]	3,372.5	3,361.1	3,365.0	1.5	1.3	1.4	84.8	81.8	81.8	483.0	460.6	468.2
Poughkeepsie	100.4	102.9	103.5	(1)	(1)	(1)	2.9	2.8	2.9	33.3	34.6	34.6
Rochester	419.5	419.6	418.8	(1)	(1)	(1)	12.9	11.8	12.5	162.8	161.0	160.6
Rockland County [1]	83.4	83.7	83.4	(1)	(1)	(1)	2.8	3.0	3.1	15.5	15.4	15.4
Syracuse	256.3	252.8	252.0	(1)	(1)	(1)	10.6	10.1	10.4	59.9	55.9	55.4
Utica—Rome	114.2	112.6	112.9	(1)	(1)	(1)	2.9	2.7	2.9	29.6	27.2	27.5
Westchester County [1]	359.3	360.9	355.3	(1)	(1)	(1)	16.8	16.6	16.7	75.2	73.1	68.8
NORTH CAROLINA	2,355.1	2,286.1	2,296.8	4.9	4.7	4.6	118.4	106.5	106.2	823.3	762.4	770.9
Asheville	73.5	71.9	71.7	(1)	(1)	(1)	3.2	2.8	2.9	22.0	20.8	20.6
Charlotte—Gastonia	337.5	327.7	328.1	(1)	(1)	(1)	19.1	17.7	17.8	95.5	89.9	91.5
Greensboro—Winston-Salem—High Pt	386.2	374.1	373.4	(1)	(1)	(1)	17.6	15.9	15.7	149.7	141.4	139.9
Raleigh—Durham	268.3	266.5	268.0	(1)	(1)	(1)	14.3	13.0	13.0	46.0	44.1	44.7
NORTH DAKOTA	250.9	251.5	251.4	11.7	9.5	9.6	17.4	18.8	19.1	15.6	15.0	14.7
Fargo—Moorhead	60.4	60.0	60.1	(2)	(2)	(2)	3.6	3.5	3.5	4.9	4.6	4.7
OHIO	4,215.1	4,193.7	4,181.4	32.4	32.8	32.3	157.2	152.4	154.1	1,236.9	1,118.8	1,108.5
Akron	257.3	251.0	251.3	(2)	(2)	(2)	8.6	7.9	8.0	75.5	69.4	69.2
Canton	158.7	155.0	153.7	(2)	(2)	(2)	5.8	5.8	5.4	56.4	51.7	50.6
Cincinnati	589.2	581.7	581.6	(2)	(2)	(2)	23.7	21.5	22.2	158.3	149.3	149.9
Cleveland	884.3	861.6	857.6	(2)	(2)	(2)	29.3	27.5	27.3	247.8	228.9	226.5
Columbus	504.6	501.6	502.8	(2)	(2)	(2)	19.5	17.7	18.1	92.7	88.3	88.1
Dayton	348.7	342.7	341.4	(2)	(2)	(2)	12.7	11.5	11.5	97.1	90.6	88.9
Toledo	287.6	280.2	281.6	(2)	(2)	(2)	12.6	9.7	8.9	74.9	67.2	69.2
Youngstown—Warren	197.5	187.5	183.7	(2)	(2)	(2)	7.3	6.2	6.3	66.7	56.8	52.8
OKLAHOMA	1,195.1	1,202.6	1,201.0	100.2	98.1	96.1	56.2	58.7	59.3	201.8	180.8	178.4
Enid	26.8	25.8	25.9	3.2	2.8	2.8	1.5	1.3	1.3	3.1	2.4	2.4
Lawton	28.7	30.0	28.8	(1)	(1)	(1)	1.4	1.4	1.4	3.2	3.1	3.1
Oklahoma City	422.0	437.7	438.2	27.4	29.4	29.1	22.6	23.3	23.6	57.2	52.4	52.1
Tulsa	324.0	324.4	324.2	27.0	28.4	28.5	15.6	17.4	17.5	68.6	62.1	61.4
OREGON	1,018.3	968.1	964.6	2.6	2.3	2.5	39.6	32.5	32.4	212.7	198.0	196.9
Eugene—Springfield	98.9	92.2	92.6	(1)	(1)	(1)	4.3	2.9	2.9	19.8	16.4	17.4
Jackson County	-	-	-	-	-	-	-	-	-	7.1	6.6	6.6
Portland	542.3	519.7	517.1	(1)	(1)	(1)	22.3	19.9	20.1	108.7	101.6	101.0
Salem	89.5	87.5	89.2	(1)	(1)	(1)	3.4	2.9	2.9	18.0	17.3	18.5
PENNSYLVANIA	4,749.1	4,487.5	4,482.4	49.7	43.3	42.9	198.6	171.5	173.1	1,317.7	1,142.4	1,151.0
Allentown—Bethlehem—Easton	265.7	250.2	250.1	(1)	(1)	(1)	9.3	7.8	7.5	105.4	91.0	92.3
Altoona	50.5	49.2	47.2	(1)	(1)	(1)	2.2	2.1	2.1	13.1	11.8	12.0
Delaware Valley [4]	1,589.4	1,529.1	1,522.1	(1)	(1)	(1)	64.2	58.0	55.4	361.3	332.3	329.9
Erie	109.7	105.3	105.4	(1)	(1)	(1)	3.2	3.3	3.6	41.4	38.6	38.3
Harrisburg	227.4	226.1	226.7	(1)	(1)	(1)	8.5	7.6	7.7	42.7	40.5	41.4
Johnstown	82.9	77.0	78.0	8.3	6.1	6.7	3.9	2.2	2.2	17.5	14.8	15.2
Lancaster	154.3	148.5	148.7	(1)	(1)	(1)	6.7	6.6	6.8	60.0	54.8	55.8
Northeast Pennsylvania	241.2	227.4	233.9	1.2	1.0	1.0	11.7	9.7	9.9	69.3	57.5	63.6
Philadelphia SMSA	1,935.2	1,872.9	1,866.0	(1)	(1)	(1)	79.3	71.7	70.3	432.7	397.5	395.3
Philadelphia City [1]	787.3	745.0	746.5	(1)	(1)	(1)	20.4	18.9	18.4	130.3	120.2	119.4
Pittsburgh	949.3	872.7	868.5	9.8	9.3	9.5	50.3	40.9	44.2	239.4	193.8	185.1
Reading	136.9	132.9	133.3	(1)	(1)	(1)	5.4	4.3	4.2	53.3	49.1	50.8
Williamsport	46.5	44.3	44.6	(1)	(1)	(1)	1.5	1.4	1.4	16.4	14.5	14.9
York	156.7	148.7	148.3	(1)	(1)	(1)	7.3	7.0	6.9	66.1	59.6	59.3
RHODE ISLAND	403.5	384.7	392.6	(1)	(1)	(1)	13.0	12.6	12.6	127.8	109.8	117.9
Providence—Warwick—Pawtucket	409.3	386.7	394.7	(1)	(1)	(1)	13.2	12.5	12.5	141.5	121.1	129.9
SOUTH CAROLINA	1,190.1	1,160.1	1,164.1	(1)	(1)	(1)	73.7	66.7	66.3	392.6	354.0	359.6
Charleston—North Charleston	153.3	154.9	154.3	(1)	(1)	(1)	9.8	10.0	10.1	21.7	18.9	18.7
Columbia	176.4	174.7	175.7	(1)	(1)	(1)	8.6	8.7	8.9	27.4	24.1	25.2
Greenville—Spartanburg	267.4	259.8	257.5	(1)	(1)	(1)	16.7	15.7	15.2	103.5	95.1	94.3

See footnotes at end of table.

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
AUG. 1981	JULY 1982	AUG. 1982P	AUG. 1981	JULY 1982	AUG. 1982P	AUG. 1981	JULY 1982	AUG. 1982P	AUG. 1981	JULY 1982	AUG. 1982P	AUG. 1981	JULY 1982	AUG. 1982P	
427.6	421.1	421.3	1,461.6	1,464.5	1,458.4	565.3	678.8	677.6	1,804.5	1,830.3	1,831.8	1,293.5	1,283.7	1,276.6	1
15.7	15.1	15.1	69.1	67.6	67.9	16.1	16.4	16.4	75.2	75.6	76.6	98.9	97.2	98.5	2
4.7	4.7	4.8	21.2	21.5	21.5	4.3	4.2	4.2	19.6	19.6	19.7	19.5	19.9	19.8	3
26.0	24.5	24.6	110.2	108.5	109.1	22.6	22.8	22.7	106.1	104.3	104.3	85.7	83.0	82.5	4
1.3	1.3	1.3	8.7	8.7	8.7	1.2	1.2	1.2	6.9	7.0	6.9	5.9	6.3	6.0	5
10.5	10.4	10.4	59.7	59.6	59.7	14.7	15.0	14.9	68.6	70.2	69.8	37.1	37.0	36.5	6
39.3	41.2	41.1	239.9	242.4	242.5	53.3	53.5	53.4	221.9	229.2	228.1	165.1	170.9	165.6	7
468.9	466.6	(*)	1,382.8	1,387.2	(*)	647.9	682.8	(*)	1,631.2	1,707.1	(*)	1,091.7	1,075.2	(*)	8
317.5	313.5	314.0	945.4	949.1	944.5	555.7	568.0	567.1	1,270.6	1,303.9	1,303.0	776.0	766.8	761.0	9
278.5	272.4	272.9	705.5	706.6	702.0	502.4	513.6	513.7	1,048.9	1,074.9	1,075.1	610.7	595.8	595.3	10
254.9	249.1	249.7	601.4	602.1	597.9	479.2	491.5	490.6	933.0	956.1	957.4	534.8	518.5	518.1	11
2.9	2.9	2.9	16.5	16.8	16.8	3.0	3.1	3.1	19.5	19.5	19.8	22.4	23.1	23.5	12
12.9	12.8	12.8	77.3	77.8	78.0	16.2	16.5	16.5	80.8	82.8	82.4	56.5	56.8	56.0	13
3.4	3.5	3.5	17.9	18.2	18.2	2.7	2.8	2.8	20.0	19.5	19.5	20.9	21.3	21.0	14
14.5	14.5	14.6	57.1	57.1	56.8	16.6	16.8	16.8	50.7	53.8	53.8	46.9	47.5	47.2	15
3.9	4.0	4.0	22.8	23.1	23.0	5.6	5.7	5.7	21.0	21.4	21.3	28.4	28.6	28.4	16
19.6	19.2	19.1	83.2	83.2	82.8	19.9	19.8	19.8	92.7	96.1	96.9	52.0	52.9	53.1	17
117.2	115.7	116.0	475.2	468.8	471.2	99.1	99.5	99.4	357.5	366.4	366.4	359.5	362.1	362.1	18
3.6	3.5	3.5	16.1	16.1	16.1	2.4	2.5	2.4	15.1	14.8	14.8	11.2	11.4	11.4	19
31.8	31.2	31.3	82.4	79.4	79.3	21.7	21.8	21.7	54.5	54.7	54.6	32.5	33.0	31.9	20
21.4	21.1	21.1	77.5	76.7	77.1	19.1	19.0	19.1	59.9	61.3	61.4	41.0	38.7	39.1	21
13.6	14.2	14.4	53.4	52.1	52.1	16.0	16.0	16.0	58.3	59.5	59.8	67.5	67.6	68.0	22
17.1	16.7	16.7	67.5	67.7	68.0	11.9	12.0	12.1	52.5	54.5	54.7	57.1	57.3	56.5	23
3.9	3.7	3.7	18.8	18.9	19.1	4.0	4.0	4.0	13.8	14.3	14.3	11.4	11.0	10.8	24
220.7	215.0	214.8	951.4	937.9	939.8	207.3	208.6	208.3	864.8	896.1	897.9	634.3	633.2	626.1	25
13.9	13.6	13.7	57.8	58.1	58.4	9.3	9.3	9.3	53.9	55.0	55.2	37.6	37.0	37.0	26
7.1	7.0	7.0	33.6	33.5	33.6	6.4	6.5	6.5	30.1	31.0	31.0	18.0	18.1	18.1	27
33.3	32.8	32.7	139.5	137.7	137.6	32.8	32.5	32.5	126.2	130.7	131.1	75.2	76.9	75.3	28
45.8	44.7	44.6	199.5	195.8	195.4	43.5	44.3	44.4	192.3	197.3	197.5	119.8	117.9	116.7	29
24.6	23.7	23.7	120.0	120.2	121.1	39.8	41.6	41.5	109.7	113.6	113.9	97.5	95.7	95.4	30
13.5	13.2	13.3	73.0	72.0	72.3	13.7	14.2	14.2	73.7	76.5	77.3	64.4	64.3	63.9	31
19.4	19.0	19.1	66.0	65.3	65.4	10.6	10.8	10.8	64.5	67.0	67.3	39.0	40.7	39.3	32
9.3	9.1	9.1	44.4	44.0	44.0	7.2	7.4	7.4	39.4	40.3	40.1	22.6	22.8	22.9	33
73.2	68.5	68.4	281.6	288.5	290.2	59.1	62.2	62.2	235.3	216.7	217.9	220.7	229.1	228.1	34
2.7	2.8	2.8	7.1	7.3	7.2	1.1	1.2	1.2	4.6	4.6	4.6	3.5	3.4	3.6	35
1.4	1.4	1.4	7.3	7.4	7.2	1.2	1.3	1.3	4.7	4.6	4.6	9.5	10.8	9.8	36
24.2	25.2	25.2	105.6	109.5	110.5	25.7	28.1	28.2	73.8	79.9	79.6	84.5	89.9	89.9	37
24.4	24.4	24.4	73.4	74.8	75.0	15.9	16.4	16.5	63.6	66.9	67.0	34.3	34.0	33.9	38
60.1	56.6	56.4	256.9	246.2	246.2	69.2	65.6	64.9	192.9	187.1	186.7	188.3	179.8	178.6	39
4.9	4.7	4.7	25.3	24.0	23.9	5.5	5.4	5.3	19.5	19.8	19.7	19.9	19.0	18.7	40
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41
36.8	35.7	35.2	142.6	138.4	139.0	45.9	44.9	44.5	110.9	106.0	105.5	74.8	73.2	71.8	42
2.8	2.8	2.8	19.1	18.1	18.1	5.6	5.6	5.6	15.2	15.5	15.5	25.4	25.3	25.8	43
254.1	236.8	237.5	983.2	964.5	960.9	243.4	245.3	244.9	1,015.0	1,017.3	1,015.3	687.4	666.4	658.8	44
14.1	13.9	13.7	52.9	50.7	50.2	9.8	9.7	9.7	45.8	47.8	48.1	27.9	29.3	28.6	45
6.3	5.9	6.1	11.0	10.7	10.6	1.6	1.6	1.6	9.0	8.9	8.8	7.3	9.2	8.0	46
80.8	76.4	75.9	325.9	321.5	319.9	112.3	113.9	113.8	404.6	407.5	407.2	240.3	219.5	219.0	47
5.0	4.6	4.7	22.0	21.4	21.5	4.8	4.9	4.9	22.5	22.1	22.1	10.8	10.4	10.3	48
16.8	16.2	16.3	45.4	45.6	45.7	12.8	13.1	13.1	42.3	43.8	43.9	58.9	59.3	58.6	49
4.8	4.4	4.4	15.9	15.0	15.1	4.1	4.2	4.3	15.8	15.1	16.0	13.5	14.2	14.1	50
6.5	6.1	6.2	34.5	34.3	34.1	5.9	5.1	6.1	27.3	27.9	27.9	13.6	12.7	12.2	51
12.7	12.8	12.4	50.2	48.2	48.5	10.0	10.7	10.7	48.2	50.7	51.6	37.9	36.8	36.2	52
95.5	91.7	91.2	410.2	410.6	409.4	130.0	131.7	131.6	476.2	483.6	483.3	307.6	286.1	285.2	53
51.7	49.2	49.0	140.8	137.8	137.0	66.7	65.9	65.9	214.8	212.9	213.4	163.1	140.1	143.4	54
55.6	50.6	50.7	214.2	210.0	209.8	47.6	47.8	47.8	217.1	217.1	217.5	115.2	106.5	104.9	55
6.3	6.3	6.3	27.9	26.9	26.8	6.5	6.6	6.5	23.6	24.1	24.2	13.9	14.7	14.5	56
2.3	2.0	2.0	9.7	9.6	9.5	2.2	2.2	2.2	8.4	8.6	8.5	6.1	6.0	6.1	57
7.6	7.2	7.2	33.3	32.5	32.7	4.1	4.1	4.1	21.9	22.1	22.2	16.7	16.2	15.9	58
13.0	12.9	13.1	81.8	79.2	79.4	21.2	21.3	21.3	88.7	91.3	93.5	58.0	57.9	57.8	59
12.8	12.5	12.6	81.0	78.0	77.9	21.0	21.2	21.1	84.3	86.5	86.0	55.5	54.9	54.7	60
54.2	54.5	54.6	236.4	239.0	240.3	51.1	52.7	52.9	169.2	177.0	176.1	212.9	216.2	214.3	61
9.2	8.7	8.6	33.6	33.7	34.0	7.0	7.3	7.3	25.6	29.3	29.2	46.1	47.0	46.4	62
9.6	9.8	9.8	37.2	37.4	37.1	14.3	15.0	15.1	27.7	27.5	27.8	51.5	52.2	51.8	63
10.1	9.2	9.2	54.3	55.2	55.3	10.2	10.5	10.5	38.0	39.9	39.5	34.6	34.2	33.5	64

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

	State and area	Total			Mining			Contract Construction			Manufacturing		
		AUG. 1981	JULY 1982	AUG. 1982p	AUG. 1981	JULY 1982	AUG. 1982p	AUG. 1981	JULY 1982	AUG. 1982p	AUG. 1981	JULY 1982	AUG. 1982p
1	SOUTH DAKOTA	239.3	231.9	231.7	3.1	1.5	1.5	12.3	10.2	10.4	26.0	25.8	25.8
2	Sioux Falls	53.6	50.3	50.3	(2)	(2)	(2)	2.6	2.6	2.8	7.4	7.6	7.5
3	TENNESSEE	1,750.6	1,704.5	1,703.6	10.5	11.2	11.3	81.7	82.5	82.7	518.3	474.1	478.5
4	Chattanooga	168.1	165.2	164.1	1.1	1.4	1.4	5.9	5.8	5.8	49.1	45.8	45.5
5	Knoxville	202.4	204.2	202.8	1.6	1.5	1.5	10.3	9.4	9.2	52.2	48.3	48.4
6	Memphis	356.2	347.6	346.8	.2	.2	.2	14.7	13.6	13.7	59.7	55.3	54.7
7	Nashville—Davidson	359.7	345.6	347.8	(1)	(1)	(1)	17.5	16.1	16.6	83.0	75.3	75.8
8	TEXAS	6,171.1	6,208.5	6,223.1	300.9	296.2	294.2	383.4	387.5	384.7	1,118.9	1,096.2	1,094.1
9	Dallas—Fort Worth	1,519.3	1,545.1	1,549.4	30.8	33.3	33.2	83.1	85.2	85.7	332.8	315.7	315.2
10	Houston	1,563.2	1,554.4	1,545.6	103.4	97.2	95.6	150.5	145.6	144.0	265.1	252.5	249.3
11	San Antonio	408.6	409.7	407.1	3.2	3.5	3.6	27.3	27.5	27.7	53.1	49.4	48.9
12	UTAH	558.6	557.8	558.8	21.3	18.4	18.4	30.4	27.9	28.1	91.0	88.2	88.1
13	Salt Lake City—Ogden	392.3	394.6	394.2	8.2	6.7	5.2	23.1	17.8	18.1	61.8	61.0	60.5
14	VERMONT	202.8	201.0	201.8	.7	.5	.6	12.3	11.6	11.7	51.5	49.1	49.5
15	Burlington [3]	59.3	59.1	59.1	-	-	-	-	-	-	16.1	16.3	15.9
16	Springfield [3]	14.7	13.7	14.1	-	-	-	-	-	-	6.2	5.2	5.5
17	VIRGINIA	2,169.6	2,167.2	2,164.0	23.2	22.4	22.4	120.9	110.0	113.7	412.4	395.8	396.8
18	Bristol	26.7	26.5	26.7	(1)	(1)	(1)	1.0	.7	.7	9.4	8.9	8.9
19	Lynchburg	69.5	69.6	68.0	(1)	(1)	(1)	2.9	2.7	2.7	28.6	26.8	26.2
20	Newport News—Hampton	152.9	156.1	156.9	(1)	(1)	(1)	7.0	6.8	6.6	34.3	35.8	36.2
21	Norfolk—Virginia Beach—Portsmouth	293.4	291.8	290.7	(1)	(1)	(1)	17.9	17.1	17.3	30.0	28.6	27.9
22	Northern Virginia [4]	467.4	477.3	477.4	.4	.4	.4	33.1	27.3	27.3	20.2	21.8	21.9
23	Petersburg—Colonial Hgts.—Hopewell	43.5	44.8	44.9	(1)	(1)	(1)	2.3	1.9	2.2	10.1	9.9	9.9
24	Richmond	325.4	326.7	326.2	.3	.3	.3	18.2	17.4	17.4	57.2	54.1	54.0
25	Roanoke	103.1	101.7	102.0	.2	.1	.1	4.3	4.5	4.7	21.2	19.9	19.6
26	WASHINGTON	1,589.6	1,551.2	1,546.9	3.3	3.2	3.0	92.6	77.5	77.7	304.7	289.5	288.1
27	Seattle—Everett	768.1	(*)	(*)	(1)	(*)	(*)	39.3	(*)	(*)	169.3	(*)	(*)
28	Spokane	123.4	(*)	(*)	(1)	(*)	(*)	6.3	(*)	(*)	16.4	(*)	(*)
29	Tacoma	140.3	(*)	(*)	(1)	(*)	(*)	7.3	(*)	(*)	22.3	(*)	(*)
30	WEST VIRGINIA	631.9	602.3	603.4	67.0	60.9	58.0	31.4	22.6	26.5	112.8	97.3	97.0
31	Charleston	112.1	109.9	109.7	6.8	6.3	6.3	6.3	4.7	5.3	16.6	16.5	16.1
32	Huntington—Ashland	103.6	98.1	99.3	1.2	1.3	1.3	5.3	3.9	4.5	25.0	21.9	21.8
33	Parkersburg—Marietta	58.9	55.3	56.6	1.4	1.4	1.4	1.5	1.5	2.9	16.8	15.3	15.1
34	Wheeling	65.3	61.6	61.9	4.9	4.7	4.7	3.3	2.2	2.6	12.1	9.2	9.3
35	WISCONSIN	1,936.3	1,868.7	1,872.4	2.5	2.3	2.1	64.1	53.2	55.5	562.2	502.2	502.7
36	Appleton—Oshkosh	125.9	120.4	121.4	(1)	(1)	(1)	5.0	4.6	4.7	47.9	43.8	44.1
37	Eau Claire	47.5	46.7	46.0	(1)	(1)	(1)	1.7	1.1	1.2	9.1	9.0	8.7
38	Green Bay	79.6	77.7	79.5	(1)	(1)	(1)	3.1	3.1	3.2	23.4	21.8	22.4
39	Janesville—Beloit	50.5	49.3	45.5	(1)	(1)	(1)	1.4	1.1	1.1	19.6	17.8	14.5
40	Kenosha	42.8	41.6	41.8	(1)	(1)	(1)	1.6	1.6	1.7	16.8	16.1	16.6
41	La Crosse	44.7	44.0	44.3	(1)	(1)	(1)	1.6	1.2	1.1	10.5	10.0	10.1
42	Madison	170.4	167.9	168.4	(1)	(1)	(1)	6.5	5.5	5.4	21.0	19.7	19.7
43	Milwaukee	657.7	626.9	628.9	(1)	(1)	(1)	18.6	13.3	15.7	197.0	169.0	170.0
44	Racine	66.2	61.8	61.1	(1)	(1)	(1)	1.6	1.5	1.8	27.0	23.4	22.5
45	WYOMING	223.5	215.6	213.9	40.0	39.3	39.4	20.3	18.3	17.9	10.6	10.3	10.3
46	Casper	40.9	38.5	37.7	8.1	7.3	6.4	3.5	4.2	4.3	2.1	1.5	1.6
47	Cheyenne	31.3	29.8	29.4	(1)	(1)	(1)	1.9	1.7	1.7	1.5	1.3	1.4
48	PUERTO RICO	656.6	622.2	615.6	.8	.7	.7	32.1	21.8	20.8	151.8	139.5	139.0
49	Caguas	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
50	Mayaguez	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
51	Ponce	(*)	(*)	(*)	(*)	(*)	(*)	2.7	1.7	1.7	(*)	(*)	(*)
52	San Juan	(*)	(*)	(*)	(1)	(1)	(1)	22.2	16.0	15.2	(*)	(*)	(*)
53	VIRGIN ISLANDS	37.7	35.9	36.0	(2)	(2)	(2)	3.8	2.9	3.2	3.0	2.6	2.6

[1] Combined with services.
[2] Combined with construction.
[3] Area included in Chicago—Gary Standard Consolidated Statistical Area.
[4] Subarea Baltimore Standard Metropolitan Statistical Area.
[5] Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.
[6] Subarea of New York—Northeastern New Jersey.
[7] Subarea of Rochester Standard Metropolitan Statistical Area.
[8] Area included in New York and Nassau—Suffolk combined SMSA's.
[9] Subarea of New York Standard Metropolitan Statistical Area.
[10] Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Bucks, Chester, Delaware, Montgomery, Philadelphia Counties, Pennsylvania.
[11] Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Philadelphia County.
[12] Total includes data for industry divisions not shown separately.
[13] Subarea of Washington, D.C. Standard Metropolitan Statistical Area: Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park cities, and Arlington, Fairfax, Loudoun, and Prince William Counties, Virginia.
p = preliminary.
*Not available.

SOURCE: Cooperating State agencies listed on inside back cover.

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
AUG. 1981	JULY 1982	AUG. 1982P	AUG. 1981	JULY 1982	AUG. 1982P	AUG. 1981	JULY 1982	AUG. 1982P	AUG. 1981	JULY 1982	AUG. 1982P	AUG. 1981	JULY 1982	AUG. 1982P	
12.7	12.7	12.7	66.3	63.8	64.3	11.5	11.8	11.8	53.1	52.0	52.5	54.3	54.0	52.7	1
4.4	4.6	4.6	15.8	15.7	16.1	3.5	3.4	3.4	13.9	14.2	13.9	6.0	6.2	6.0	2
85.6	82.4	82.2	371.6	366.8	363.5	78.6	77.0	76.7	313.8	333.9	331.6	290.3	276.6	277.1	3
7.7	7.5	7.4	34.2	33.6	34.1	9.8	9.8	9.9	29.3	29.0	28.5	31.0	32.3	31.5	4
8.4	7.9	7.7	43.6	45.5	44.8	8.6	9.0	9.0	33.4	35.4	36.7	44.3	46.2	45.5	5
27.5	26.2	26.1	97.1	95.6	95.2	20.2	20.2	20.2	75.6	78.0	78.0	61.2	58.8	58.7	6
20.9	19.4	19.4	81.4	78.6	78.8	24.3	24.0	23.9	74.7	74.6	74.5	58.4	57.6	58.8	7
390.9	388.3	390.2	1,513.0	1,578.1	1,576.5	333.4	363.5	361.3	1,094.2	1,139.7	1,137.1	959.4	992.9	985.0	8
99.6	96.6	97.1	403.2	417.6	419.3	116.3	121.3	121.3	281.5	302.9	304.2	172.0	173.5	173.4	9
110.0	106.7	107.9	376.0	375.5	374.6	93.7	99.0	99.1	305.7	312.2	311.7	158.8	165.7	163.4	10
19.5	19.2	19.1	103.9	103.7	103.3	27.5	28.3	28.2	84.1	85.5	85.7	89.4	92.5	90.6	11
35.0	36.9	37.2	131.6	129.7	130.5	26.4	27.1	27.0	103.6	108.3	108.7	119.4	121.2	120.9	12
27.3	28.6	28.9	97.3	96.0	96.3	21.2	22.0	22.0	71.7	75.5	75.6	85.3	87.0	86.7	13
8.6	8.7	8.8	43.1	43.5	43.8	8.4	8.5	8.4	44.1	44.5	44.9	34.1	34.5	34.1	14
2.4	2.4	2.4	12.3	12.3	12.5	-	-	-	12.3	12.5	12.4	-	-	-	15
.6	.7	.7	2.3	2.2	2.2	-	-	-	2.7	2.7	2.7	-	-	-	16
118.4	117.4	118.2	466.6	477.1	475.9	108.0	107.5	107.2	426.9	433.5	432.1	493.2	503.5	500.8	17
1.1	1.2	1.2	6.4	7.0	7.2	.9	.9	.9	3.4	3.5	3.6	4.5	4.3	4.2	18
2.7	2.7	2.6	12.0	12.3	12.5	3.4	3.3	3.3	10.6	11.4	11.3	9.4	9.3	9.3	19
5.0	5.3	5.3	29.2	29.7	30.2	5.0	5.1	5.2	33.3	33.1	33.1	39.0	40.3	40.3	20
20.3	20.3	20.1	71.6	71.7	71.8	15.1	15.3	15.3	60.5	62.1	62.1	78.4	76.7	76.2	21
32.7	32.6	32.6	111.9	114.9	114.6	29.8	29.9	29.9	125.6	128.8	128.9	116.8	122.2	121.8	22
1.2	1.2	1.2	8.8	9.4	9.3	1.2	1.3	1.3	6.7	7.1	7.4	13.4	13.9	13.6	23
19.9	19.8	19.6	76.1	77.7	77.8	26.6	26.4	26.4	61.4	62.9	62.8	65.8	68.1	67.9	24
10.0	9.3	9.9	25.2	25.5	25.7	6.2	6.1	6.1	20.9	21.1	21.0	14.7	15.2	15.0	25
90.9	86.8	86.8	387.1	383.3	384.0	92.1	92.5	92.4	319.4	320.7	323.3	299.5	297.7	291.6	26
51.7	(*)	(*)	186.4	(*)	(*)	57.5	(*)	(*)	156.1	(*)	(*)	108.1	(*)	(*)	27
8.6	(*)	(*)	35.4	(*)	(*)	7.9	(*)	(*)	29.9	(*)	(*)	18.9	(*)	(*)	28
6.7	(*)	(*)	33.5	(*)	(*)	7.1	(*)	(*)	32.0	(*)	(*)	31.4	(*)	(*)	29
42.6	41.6	41.5	132.1	129.6	129.5	22.2	22.1	22.0	102.6	101.7	101.4	121.3	127.0	127.5	30
9.6	9.4	9.3	26.5	26.2	26.1	5.3	5.2	5.1	21.3	21.2	21.2	19.9	20.6	20.3	31
9.9	8.5	8.9	24.3	24.1	24.1	3.7	3.6	3.6	15.7	16.1	16.0	18.4	18.9	19.2	32
2.5	2.4	2.4	13.3	13.1	13.1	2.1	2.0	2.0	10.3	9.8	9.8	9.8	9.8	9.8	33
3.7	3.6	3.6	15.4	15.4	15.4	2.8	2.8	2.8	14.0	14.2	14.2	9.5	9.5	9.4	34
88.2	84.8	84.5	439.7	433.9	435.6	97.7	98.8	98.5	383.6	388.7	391.2	298.5	304.7	302.3	35
4.1	4.1	4.1	26.2	24.8	25.4	5.6	5.7	5.8	21.5	22.1	22.1	15.5	15.3	15.3	36
2.7	2.6	2.6	12.7	12.5	12.5	1.7	1.7	1.7	10.1	10.1	10.0	9.3	9.7	9.3	37
5.8	6.1	6.1	19.9	19.4	20.2	2.6	2.6	2.6	15.0	15.1	15.4	9.8	9.6	9.6	38
2.3	2.4	2.4	11.2	10.8	10.8	1.4	1.4	1.4	8.8	8.8	8.8	6.1	6.9	6.6	39
1.3	1.2	1.2	8.5	8.1	8.1	1.0	1.0	1.0	7.7	7.4	7.5	5.6	6.0	5.8	40
2.3	1.9	1.9	11.7	11.7	11.7	1.2	1.1	1.1	11.1	11.8	11.8	6.3	6.4	6.5	41
6.2	6.2	6.2	36.2	36.6	36.8	13.9	14.0	14.0	32.6	33.1	33.4	54.1	52.9	52.8	42
32.8	31.9	31.6	142.3	139.2	139.1	40.9	41.4	41.1	146.6	149.7	150.1	79.4	82.5	81.2	43
2.2	2.3	2.3	13.4	13.0	13.0	2.3	2.3	2.3	11.3	11.1	11.2	8.2	8.1	7.9	44
18.2	17.6	17.3	51.5	51.1	50.3	7.5	7.5	7.5	36.1	34.3	33.9	38.8	37.5	37.3	45
2.9	2.6	2.5	11.0	10.5	10.3	1.8	1.8	1.8	5.8	5.6	5.4	5.7	5.3	5.4	46
4.7	4.0	3.8	7.4	7.5	7.2	1.6	1.5	1.5	6.0	5.4	5.5	8.2	8.4	8.3	47
16.0	14.1	14.5	111.2	102.3	103.1	28.0	28.2	27.9	82.5	79.9	82.1	234.5	235.7	227.5	48
(*)	(*)	(*)	5.2	4.4	4.5	(*)	(*)	(*)	(*)	(*)	(*)	9.4	9.8	9.2	49
(*)	(*)	(*)	5.5	5.4	5.3	(*)	(*)	(*)	(*)	(*)	(*)	12.9	13.9	13.6	50
(*)	(*)	(*)	7.5	6.7	6.8	(*)	(*)	(*)	6.5	6.5	6.4	16.9	17.8	16.8	51
12.4	11.3	11.7	71.3	65.0	65.5	21.3	21.5	21.4	57.4	55.9	58.8	124.6	122.5	118.9	52
2.0	2.0	2.0	7.4	6.9	6.7	1.7	1.6	1.6	5.4	5.3	5.2	18.8	18.6	18.7	53

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C-1. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division, 1961 to date

Year and month	Average												
	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Hourly earnings excl. overtime
	Total private[1]			Mining			Construction			Manufacturing			
1961.....	$82.60	38.6	$2.14	$105.92	40.5	$2.64	$118.08	36.9	$3.20	$92.38	39.8	$2.32	$2.25
1962.....	85.91	38.7	2.22	110.70	41.0	2.70	122.67	37.0	3.31	96.56	40.4	2.39	2.31
1963.....	88.46	38.8	2.28	114.40	41.6	2.75	127.19	37.3	3.41	99.23	40.5	2.45	2.37
1964.....	91.33	38.7	2.36	117.74	41.9	2.81	132.36	37.2	3.55	102.97	40.7	2.53	2.43
1965.....	95.45	38.8	2.46	123.52	42.3	2.92	138.38	37.4	3.70	107.53	41.2	2.61	2.53
1966.....	98.82	38.6	2.56	130.24	42.7	3.05	146.26	37.6	3.89	112.19	41.4	2.71	2.59
1967.....	101.84	38.0	2.68	135.89	42.6	3.19	154.95	37.7	4.11	114.49	40.6	2.82	2.71
1968.....	107.73	37.8	2.85	142.71	42.6	3.35	164.49	37.3	4.41	122.51	40.7	3.01	2.88
1969.....	114.61	37.7	3.04	154.80	43.0	3.60	181.54	37.9	4.79	129.51	40.6	3.19	3.05
1970.....	119.83	37.1	3.23	164.40	42.7	3.85	195.45	37.3	5.24	133.33	39.8	3.35	3.23
1971.....	127.31	36.9	3.45	172.14	42.4	4.06	211.67	37.2	5.69	142.44	39.9	3.57	3.45
1972.....	136.90	37.0	3.70	189.14	42.6	4.44	221.19	36.5	6.06	154.71	40.5	3.82	3.66
1973.....	145.39	36.9	3.94	201.40	42.4	4.75	235.89	36.8	6.41	165.46	40.7	4.09	3.91
1974.....	154.76	36.5	4.24	219.14	41.9	5.23	249.25	35.6	6.81	176.80	40.0	4.42	4.25
1975.....	163.53	36.1	4.53	249.31	41.9	5.95	266.08	35.4	7.31	190.79	39.5	4.83	4.67
1976.....	175.45	36.1	4.86	273.90	42.4	6.46	283.73	35.8	7.71	209.32	40.1	5.22	5.02
1977.....	189.00	36.0	5.25	301.23	43.4	6.94	295.65	36.5	8.10	228.90	40.3	5.68	5.44
1978.....	203.70	35.8	5.69	332.88	43.4	7.67	318.69	36.8	8.66	249.27	40.4	6.17	5.91
1979.....	219.91	35.7	6.16	365.07	43.0	8.49	342.99	37.0	9.27	269.38	40.2	6.70	6.41
1980.....	235.10	35.3	6.66	397.06	43.3	9.17	367.78	37.0	9.94	288.62	39.7	7.27	7.00
1981.....	255.20	35.2	7.25	439.19	43.7	10.05	398.52	36.9	10.80	318.00	39.8	7.99	7.72
1981:													
September.	259.78	35.1	7.40	450.85	43.9	10.27	356.31	35.8	11.07	322.37	39.5	8.16	7.87
October...	261.18	35.2	7.42	456.13	44.5	10.25	419.62	37.6	11.16	323.95	39.7	8.16	7.89
November..	262.20	35.1	7.47	461.32	44.4	10.39	414.78	37.1	11.18	325.54	39.7	8.20	7.94
December..	262.24	35.2	7.45	466.37	44.8	10.41	417.75	37.1	11.26	329.97	39.9	8.27	8.00
1982:													
January...	255.95	33.9	7.55	456.89	42.9	10.65	385.95	33.3	11.59	312.38	37.1	8.42	8.17
February..	262.39	34.8	7.54	463.03	43.6	10.62	406.39	35.9	11.32	326.93	39.2	8.34	8.10
March.....	261.99	34.7	7.55	465.16	43.8	10.62	419.21	37.0	11.33	327.27	39.1	8.37	8.12
April.....	262.27	34.6	7.58	458.76	42.7	10.65	415.88	36.7	11.32	325.85	38.7	8.42	8.19
May.....	265.52	34.8	7.63	454.12	42.6	10.66	429.75	37.5	11.46	329.55	39.0	8.45	8.22
June.....	267.40	35.0	7.64	463.10	42.8	10.82	427.88	37.5	11.41	338.05	39.3	8.60	8.35
July.....	269.98	35.2	7.67	463.68	42.5	10.91	438.14	38.0	11.53	332.60	38.9	8.55	8.31
Augustp...	270.69	35.2	7.69	462.40	42.5	10.88	436.54	37.6	11.61	331.89	39.0	8.51	8.26
Septemberp	270.05	34.8	7.76	457.75	41.5	11.03	432.47	36.9	11.72	333.29	38.8	8.59	8.33

	Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			
1961.....	-	-	-	$67.41	38.3	$1.76	$77.12	36.9	$2.09	-	-	-	
1962.....	-	-	-	69.91	38.2	1.83	80.96	37.3	2.17	-	-	-	
1963.....	-	-	-	72.31	38.1	1.89	84.38	37.5	2.25	-	-	-	
1964.....	$118.78	41.1	$2.89	74.55	37.9	1.97	85.79	37.3	2.30	$76.93	36.1	$2.14	
1965.....	125.14	41.3	3.03	76.91	37.7	2.04	88.91	37.2	2.39	79.93	35.9	2.23	
1966.....	128.13	41.2	3.11	79.39	37.1	2.14	92.13	37.3	2.47	77.04	35.5	2.17	
1967.....	130.82	40.5	3.23	82.35	36.6	2.25	95.72	37.1	2.58	80.38	35.1	2.29	
1968.....	138.85	40.6	3.42	87.33	36.1	2.41	101.75	37.0	2.75	83.97	34.7	2.42	
1969.....	147.74	40.7	3.63	91.39	35.7	2.56	108.70	37.1	2.93	90.57	34.7	2.61	
1970.....	155.93	40.5	3.85	96.02	35.3	2.72	112.67	36.7	3.07	95.65	34.4	2.81	
1971.....	168.82	40.1	4.21	101.39	35.1	2.88	117.85	35.6	3.22	103.06	33.9	3.04	
1972.....	187.86	40.4	4.65	105.45	34.9	3.35	122.98	35.6	3.36	113.85	33.9	3.27	
1973.....	203.31	40.5	5.02	111.76	34.6	3.23	129.20	35.6	3.53	117.29	33.8	3.47	
1974.....	217.48	40.2	5.41	119.04	34.2	3.48	137.61	35.5	3.77	126.03	33.6	3.75	
1975.....	233.44	39.7	5.88	125.45	33.9	3.73	144.19	36.5	4.05	134.67	33.5	4.02	
1976.....	256.71	39.8	6.45	133.79	33.7	3.97	155.43	35.4	4.27	143.52	33.3	4.31	
1977.....	278.90	39.9	6.99	142.52	33.3	4.28	165.26	35.4	4.54	153.45	33.0	4.65	
1978.....	302.80	40.0	7.57	153.64	32.9	4.67	179.00	35.4	4.89	163.67	32.8	4.99	
1979.....	325.58	39.9	8.16	164.96	32.6	5.06	190.77	36.2	5.27	175.27	32.7	5.36	
1980.....	351.25	39.6	8.87	176.46	32.2	5.48	209.60	36.2	5.79	190.71	32.6	5.85	
1981.....	382.18	39.4	9.70	190.95	32.2	5.93	229.05	36.3	6.31	208.97	32.6	6.41	
1981:													
September.	390.04	39.2	9.95	194.49	32.2	6.04	230.04	36.0	6.39	211.25	32.4	6.52	
October...	388.65	39.1	9.94	192.32	32.0	6.01	232.77	36.2	6.43	213.85	32.5	6.58	
November..	393.96	39.2	10.05	192.68	31.9	6.04	236.02	36.2	6.52	216.78	32.5	6.67	
December..	395.36	39.3	10.06	194.45	32.3	6.02	234.21	36.2	6.47	217.12	32.6	6.66	
1982:													
January...	388.85	38.5	10.10	191.89	31.1	6.17	237.87	36.2	6.56	219.32	32.3	6.79	
February..	397.10	39.2	10.13	194.66	31.6	6.16	239.64	36.2	6.62	220.68	32.5	6.79	
March.....	392.73	39.0	10.07	194.66	31.6	6.16	239.22	36.3	6.59	220.03	32.5	6.77	
April.....	393.43	38.8	10.14	195.91	31.7	6.18	240.37	36.2	6.64	221.33	32.5	6.81	
May.....	394.60	38.8	10.17	197.78	31.9	6.20	245.75	36.3	6.77	222.63	32.5	6.85	
June.....	399.84	39.2	10.20	199.02	32.1	6.20	242.23	36.1	6.71	224.35	32.8	6.84	
July.....	403.37	39.2	10.29	202.45	32.6	6.21	245.44	36.2	6.78	227.40	33.1	6.87	
Augustp...	409.11	39.3	10.41	202.77	32.6	6.22	249.02	36.3	6.86	228.06	33.1	6.89	
Septemberp	410.03	39.2	10.46	200.93	32.2	6.24	247.71	35.9	6.90	228.25	32.7	6.98	

[1] For coverage of series, see footnote 1, table B-2.

p = preliminary.

NOTE: Data from April 1981 forward are subject to revision when more recent benchmark data are introduced. See "Benchmark adjustment" in the Explanatory Notes of this publication.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Aug. 1981	Sept. 1981	July 1982	Aug. 1982P	Sept. 1982P	Aug. 1981	Sept. 1981	July 1982	Aug. 1982P	Sept. 1982P
	TOTAL PRIVATE	$259.88	$259.74	$269.98	$270.69	$270.05	$7.30	$7.40	$7.67	$7.69	$7.70
	MINING	447.30	450.85	463.68	462.40	457.75	10.12	10.27	10.91	10.88	11.01
10	METAL MINING	477.15	488.88	462.29	451.90	–	11.84	12.10	12.23	12.28	–
101	Iron ores	518.75	546.94	484.52	448.96	–	12.47	12.93	12.52	12.16	–
102	Copper ores	485.60	490.88	468.10	465.16	–	11.99	12.12	12.86	12.68	–
11, 12	COAL MINING	507.78	519.94	503.24	507.87	–	12.09	12.35	–	12.99	–
12	BITUMINOUS COAL AND LIGNITE MINING	509.46	521.62	503.49	509.44	–	12.13	12.39	–	12.93	–
13	OIL AND GAS EXTRACTION	432.81	432.21	461.01	457.88	–	9.85	9.52	10.43	10.43	–
131, 2	Crude petroleum, natural gas, and natural gas liquids	445.54	464.70	493.61	489.95	–	10.71	10.96	12.01	11.95	–
138	Oil and gas field services	429.52	421.79	447.56	445.59	–	9.10	9.11	9.88	9.88	–
14	NONMETALLIC MINERALS, EXCEPT FUELS	366.68	368.22	392.47	393.78	–	8.81	8.89	8.98	8.97	–
142	Crushed and broken stone	353.90	351.60	389.28	387.57	–	8.08	8.12	8.67	8.59	–
	CONSTRUCTION	408.41	396.31	438.14	436.54	432.47	10.92	11.07	11.53	11.61	11.77
15	GENERAL BUILDING CONTRACTORS	359.63	353.50	389.04	386.40	–	9.88	10.10	10.63	10.59	–
152	Residential building construction	322.73	319.33	357.33	352.47	–	9.04	9.31	9.58	9.71	–
153	Operative builders	305.28	305.59	312.15	307.09	–	8.41	8.56	8.15	8.06	–
154	Nonresidential building construction	398.83	387.66	425.97	424.82	–	10.75	10.92	11.42	11.42	–
16	HEAVY CONSTRUCTION CONTRACTORS	432.37	412.63	479.45	476.93	–	10.52	10.69	11.87	11.52	–
161	Highway and street construction	419.76	389.83	480.41	485.60	–	9.90	9.97	10.29	10.46	–
162	Heavy construction, except highway	437.81	421.30	495.97	490.80	–	10.81	11.00	11.98	12.00	–
17	SPECIAL TRADE CONTRACTORS	421.81	410.55	443.38	442.26	–	11.62	11.73	12.08	12.15	–
171	Plumbing, heating, air conditioning	436.73	421.37	465.86	459.79	–	11.74	11.77	12.39	12.34	–
172	Painting, paper hanging, decorating	373.11	374.45	379.83	381.41	–	10.51	10.76	10.76	10.96	–
173	Electrical work	496.31	474.35	522.06	523.09	–	13.13	13.25	13.56	13.67	–
174	Masonry, stonework, and plastering	380.65	373.04	412.87	413.47	–	11.13	11.27	11.81	11.95	–
175	Carpentering and flooring	355.01	365.74	378.94	384.65	–	10.35	10.54	11.08	11.22	–
176	Roofing and sheet metal work	360.85	383.99	367.43	361.66	–	10.31	10.33	10.65	10.70	–
	MANUFACTURING	320.40	322.32	332.60	331.89	331.29	8.09	8.16	8.55	8.51	8.55
24, 25, 32-39	DURABLE GOODS	345.32	346.26	357.11	356.72	355.81	8.59	8.70	9.11	9.10	9.16
20-23, 26-31	NONDURABLE GOODS	284.86	287.78	299.15	299.58	303.02	7.23	7.36	7.77	7.74	7.87
	DURABLE GOODS										
24	LUMBER AND WOOD PRODUCTS	278.07	271.36	258.90	256.42	284.53	7.11	7.16	7.68	7.62	7.67
241	Logging camps and logging contractors	366.03	352.08	407.40	406.85	–	9.29	9.49	10.58	10.70	–
242	Sawmills and planing mills	296.92	282.94	302.23	308.90	–	7.61	7.33	7.85	7.94	–
2421	Sawmills and planing mills, general	312.00	297.99	319.28	325.91	–	7.80	7.72	8.25	8.33	–
2426	Hardwood dimension and flooring	201.96	196.86	203.07	205.29	–	5.10	5.10	5.33	5.36	–
243	Millwork, plywood, and structural members	267.19	260.77	289.42	289.42	–	6.94	7.01	7.88	7.84	–
2431	Millwork	268.48	271.93	306.36	297.57	–	7.01	7.10	7.68	7.67	–
2434	Wood kitchen cabinets	235.99	229.60	252.30	250.50	–	6.31	6.26	6.71	6.69	–
2435	Hardwood veneer and plywood	224.54	216.22	219.42	217.91	–	5.89	5.53	5.88	5.90	–
2436	Softwood veneer and plywood	328.80	306.21	348.29	365.22	–	8.63	8.65	9.07	9.28	–
244	Wood containers	205.25	204.37	209.66	212.18	–	5.29	5.35	5.86	5.98	–
245	Wood buildings and mobile homes	239.65	236.09	249.95	247.01	–	6.53	6.58	6.83	6.84	–
2451	Mobile homes	242.08	233.35	248.35	243.46	–	6.49	6.59	6.77	6.78	–
249	Miscellaneous wood products	237.79	240.15	245.70	245.07	–	6.02	6.05	6.30	6.30	–
25	FURNITURE AND FIXTURES	231.21	226.58	233.31	244.10	239.25	5.99	6.01	6.36	6.39	6.38
251	Household furniture	210.35	207.02	209.00	221.66	–	5.55	5.58	5.81	5.95	–
2511	Wood household furniture	196.48	191.58	190.10	199.97	–	5.13	5.15	5.38	5.39	–
2512	Upholstered household furniture	218.15	217.49	212.32	232.84	–	5.88	5.91	6.19	6.31	–
2514	Metal household furniture	226.14	222.53	243.59	252.80	–	5.92	5.95	6.27	6.37	–
2515	Mattresses and bedsprings	232.61	229.32	248.94	249.72	–	6.17	6.30	6.80	6.82	–
252	Office furniture	260.65	251.94	259.18	262.09	–	6.50	6.46	6.76	6.79	–
253	Public building and related furniture	273.65	268.01	280.28	281.60	–	6.81	6.85	7.06	7.08	–
254	Partitions and fixtures	279.63	272.70	299.15	303.03	–	7.17	7.12	7.71	7.77	–
259	Miscellaneous furniture and fixtures	267.60	268.52	273.00	282.99	–	6.69	6.85	7.00	7.19	–

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Aug. 1981	Sept. 1981	July 1982	Aug. 1982p	Sept. 1982p	Aug. 1981	Sept. 1981	July 1982	Aug. 1982p	Sept. 1982p
–	TOTAL PRIVATE	35.6	35.1	35.2	35.2	34.8	–	–	–	–	–
–	MINING	44.2	43.9	42.5	42.5	41.5	–	–	–	–	–
10	METAL MINING	40.3	40.4	37.8	36.8	–	–	–	–	–	–
101	Iron ores	41.6	42.3	38.7	36.0	–	–	–	–	–	–
102	Copper ores	40.5	40.5	36.4	37.0	–	–	–	–	–	–
11, 12	COAL MINING	42.0	42.1	–	39.4	–	–	–	–	–	–
12	BITUMINOUS COAL AND LIGNITE MINING	42.0	42.1	–	39.4	–	–	–	–	–	–
13	OIL AND GAS EXTRACTION	45.8	45.4	44.2	43.9	–	–	–	–	–	–
131, 2	Crude petroleum, natural gas, and natural gas liquids	41.6	42.4	41.1	41.0	–	–	–	–	–	–
138	Oil and gas field services	47.2	46.3	45.3	45.1	–	–	–	–	–	–
14	NONMETALLIC MINERALS, EXCEPT FUELS	43.6	42.9	43.5	43.9	–	–	–	–	–	–
142	Crushed and broken stone	43.8	43.3	44.9	44.6	–	–	–	–	–	–
–	CONSTRUCTION	37.4	35.8	38.0	37.6	36.9	–	–	–	–	–
15	GENERAL BUILDING CONTRACTORS	36.4	35.0	37.3	36.8	–	–	–	–	–	–
152	Residential building construction	35.7	34.3	37.3	36.3	–	–	–	–	–	–
153	Operative builders	36.3	35.7	38.3	38.1	–	–	–	–	–	–
154	Nonresidential building construction	37.1	35.5	37.3	37.2	–	–	–	–	–	–
16	HEAVY CONSTRUCTION CONTRACTORS	41.1	38.6	41.8	41.4	–	–	–	–	–	–
161	Highway and street construction	42.4	39.1	42.8	42.6	–	–	–	–	–	–
162	Heavy construction, except highway	40.5	38.3	41.4	40.9	–	–	–	–	–	–
17	SPECIAL TRADE CONTRACTORS	36.3	35.0	36.7	36.4	–	–	–	–	–	–
171	Plumbing, heating, air conditioning	37.2	35.8	37.6	37.2	–	–	–	–	–	–
172	Painting, paper hanging, decorating	35.5	34.8	35.3	34.8	–	–	–	–	–	–
173	Electrical work	37.8	35.8	38.5	38.4	–	–	–	–	–	–
174	Masonry, stonework, and plastering	34.2	33.1	34.9	34.6	–	–	–	–	–	–
175	Carpentering and flooring	34.3	34.7	34.2	34.3	–	–	–	–	–	–
176	Roofing and sheet metal work	35.0	33.3	34.5	33.8	–	–	–	–	–	–
–	MANUFACTURING	39.9	39.5	38.9	39.0	38.8	3.0	2.9	2.3	2.8	2.5
24, 25, 32-39	DURABLE GOODS	40.2	39.8	39.2	39.2	38.8	2.9	2.8	2.1	2.2	2.0
20-23, 26-31	NONDURABLE GOODS	39.4	39.1	38.5	38.7	38.7	3.0	3.1	2.5	2.7	2.8
	DURABLE GOODS										
24	LUMBER AND WOOD PRODUCTS	39.0	37.9	38.6	38.9	38.4	2.8	2.3	2.5	2.6	–
241	Logging camps and logging contractors	39.4	37.1	38.8	39.5	–	4.4	3.3	3.0	3.6	–
242	Sawmills and planing mills	39.8	38.6	38.5	39.4	–	3.3	2.8	3.0	3.3	–
2421	Sawmills and planing mills, general	40.0	38.6	38.7	39.6	–	3.6	2.9	3.3	3.3	–
2426	Hardwood dimension and flooring	39.6	38.6	38.1	38.3	–	2.3	2.2	2.0	2.0	–
243	Millwork, plywood, and structural members	38.5	37.2	38.9	38.9	–	2.2	1.7	2.3	2.2	–
2431	Millwork	38.3	38.3	40.1	39.0	–	1.8	1.2	2.1	1.6	–
2434	Wood kitchen cabinets	37.4	36.1	37.6	37.5	–	1.6	1.7	1.5	1.7	–
2435	Hardwood veneer and plywood	40.9	39.1	37.4	37.7	–	3.3	2.6	1.9	1.9	–
2436	Softwood veneer and plywood	38.1	35.4	38.4	40.4	–	2.9	2.2	3.2	3.8	–
244	Wood containers	38.8	38.2	38.4	38.3	–	2.2	2.0	1.9	1.9	–
245	Wood buildings and mobile homes	36.7	36.1	37.7	37.2	–	1.6	1.1	1.7	1.3	–
2451	Mobile homes	37.3	35.9	37.8	37.8	–	1.2	.8	1.8	1.7	–
249	Miscellaneous wood products	39.5	39.7	39.0	38.9	–	2.6	2.7	2.2	2.1	–
25	FURNITURE AND FIXTURES	38.6	37.7	36.8	38.2	37.5	2.0	1.8	1.8	1.7	–
251	Household furniture	37.9	37.1	35.8	37.6	–	1.6	1.8	.9	1.3	–
2511	Wood household furniture	38.3	37.2	35.6	37.1	–	1.8	1.7	1.0	1.1	–
2512	Upholstered household furniture	37.1	36.8	36.3	36.9	–	1.1	.9	.5	.9	–
2514	Metal household furniture	38.2	37.4	39.1	40.0	–	1.9	1.8	1.5	2.0	–
2515	Mattresses and bedsprings	37.7	36.4	37.8	38.3	–	2.1	1.7	1.8	2.0	–
252	Office furniture	40.1	39.0	37.6	38.6	–	2.9	2.6	1.8	2.3	–
253	Public building and related furniture	41.4	35.7	39.7	40.0	–	2.9	2.1	2.5	2.6	–
254	Partitions and fixtures	39.0	38.3	38.8	39.1	–	2.8	2.4	2.4	2.6	–
259	Miscellaneous furniture and fixtures	40.0	39.2	39.0	39.4	–	2.1	2.1	1.7	1.7	–

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry – Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Aug. 1981	Sept. 1981	July 1982	Aug. 1982P	Sept. 1982P	Aug. 1981	Sept. 1981	July 1982	Aug. 1982P	Sept. 1982P
32	STONE, CLAY, AND GLASS PRODUCTS	$344.81	$346.32	$362.56	$362.15	$367.02	$8.41	$8.53	$8.93	$8.92	$9.08
321	Flat glass	448.33	448.18	455.23	456.83	-	10.70	11.26	11.68	11.69	-
322	Glass and glassware, pressed or blown	361.97	365.31	385.27	380.55	-	8.85	9.02	9.56	9.39	-
3221	Glass containers	384.81	381.52	408.18	405.14	-	9.34	9.41	9.98	9.91	-
3229	Pressed and blown glass, nec	329.67	342.38	348.98	342.42	-	8.14	8.25	8.88	8.78	-
323	Products of purchased glass	289.09	300.13	317.98	317.99	-	7.47	7.56	8.05	8.02	-
324	Cement, hydraulic	502.25	523.38	508.68	522.07	-	11.93	12.20	12.56	12.58	-
325	Structural clay products	276.74	278.88	281.24	282.49	-	6.85	6.92	7.12	7.08	-
326	Pottery and related products	261.50	263.16	284.23	285.25	-	6.81	6.80	7.46	7.39	-
327	Concrete, gypsum, and plaster products	352.80	347.73	372.73	370.09	-	8.38	8.44	8.77	8.77	-
3271	Concrete block and brick	322.18	315.46	334.71	340.26	-	7.51	7.48	7.73	7.84	-
3272	Concrete products, nec	314.49	309.34	330.54	329.09	-	7.47	7.49	7.87	7.78	-
3273	Ready-mixed concrete	383.88	374.80	410.01	403.38	-	9.25	9.37	9.67	9.77	-
329	Misc. nonmetallic mineral products	338.22	337.28	341.82	344.05	-	8.31	8.39	8.72	8.71	-
3291	Abrasive products	320.00	322.79	321.78	319.29	-	7.98	8.09	8.65	8.55	-
3292	Asbestos products	351.37	326.24	356.71	365.49	-	8.57	8.43	8.98	8.98	-
33	PRIMARY METAL INDUSTRIES	442.90	457.78	437.75	441.98	439.68	10.99	11.22	11.37	11.51	11.60
331	Blast furnace and basic steel products	516.80	545.73	505.21	514.74	-	12.92	13.15	13.26	13.49	-
3312	Blast furnaces and steel mills	535.16	570.75	523.91	535.63	-	13.88	13.72	13.86	14.16	-
3317	Steel pipe and tubes	425.18	417.56	410.94	393.59	-	10.27	10.31	10.51	10.34	-
332	Iron and steel foundries	354.88	347.54	365.91	360.98	-	9.03	9.17	9.91	9.73	-
3321	Gray iron foundries	355.41	349.68	379.68	372.00	-	9.16	9.30	10.07	9.92	-
3322	Malleable iron foundries	376.94	368.76	374.26	376.46	-	9.69	9.86	10.17	10.23	-
3325	Steel foundries, nec	352.29	340.17	330.37	336.74	-	8.72	8.79	9.28	9.38	-
333	Primary nonferrous metals	502.15	553.72	520.27	530.47	-	12.10	12.70	12.91	12.97	-
3334	Primary aluminum	536.26	603.37	553.23	566.77	-	12.86	13.62	13.66	13.69	-
335	Nonferrous rolling and drawing	406.16	411.58	409.60	413.26	-	9.78	9.87	10.24	10.28	-
3351	Copper rolling and drawing	367.65	352.73	366.58	377.15	-	8.61	8.52	8.98	9.11	-
3353	Aluminum sheet, plate, and foil	522.50	540.58	547.29	548.23	-	12.56	12.81	13.48	13.37	-
3357	Nonferrous wire drawing and insulating	368.87	382.55	369.57	373.12	-	8.91	9.13	9.38	9.47	-
336	Nonferrous foundries	317.60	316.37	333.84	336.48	-	7.96	8.05	8.56	8.58	-
3361	Aluminum foundries	322.78	321.79	346.33	347.38	-	8.11	8.23	8.79	8.78	-
34	FABRICATED METAL PRODUCTS	332.88	330.70	344.27	345.54	343.58	8.26	8.33	8.85	8.86	8.90
341	Metal cans and shipping containers	491.51	479.62	504.38	514.28	-	11.07	11.18	11.84	11.96	-
3411	Metal cans	512.76	500.39	528.04	540.20	-	11.42	11.61	12.28	12.39	-
342	Cutlery, hand tools, and hardware	308.85	297.98	322.24	320.88	-	7.76	7.76	8.48	8.40	-
3423, 5	Hand and edge tools, and hand saws and blades	297.60	293.57	250.86	290.16	-	7.84	7.87	7.88	7.80	-
3429	Hardware, nec	319.97	304.99	345.47	342.00	-	8.08	8.09	8.95	8.86	-
343	Plumbing and heating, except electric	284.40	281.51	302.93	306.91	-	7.33	7.35	7.93	7.91	-
3432	Plumbing fittings and brass goods	274.71	267.58	289.55	287.65	-	6.98	6.95	7.56	7.53	-
3433	Heating equipment, except electric	284.79	282.94	306.36	312.78	-	7.38	7.33	8.02	8.02	-
344	Fabricated structural metal products	326.43	327.22	335.01	340.65	-	8.08	8.16	8.59	8.59	-
3441	Fabricated structural metal	352.34	350.58	360.30	364.61	-	8.89	8.53	9.03	9.07	-
3442	Metal doors, sash, and trim	249.99	257.28	256.90	263.74	-	6.41	6.58	6.69	6.78	-
3443	Fabricated plate work (boiler shops)	362.50	362.88	372.27	383.18	-	8.82	8.96	9.57	9.75	-
3444	Sheet metal work	326.33	325.48	345.15	343.55	-	8.22	8.24	8.95	8.87	-
3446	Architectural metal work	302.71	299.34	322.62	330.62	-	7.53	7.58	8.23	8.27	-
345	Screw machine products, bolts, etc.	316.71	312.83	313.39	314.16	-	7.82	7.86	8.14	8.16	-
3451	Screw machine products	287.68	287.17	285.76	288.79	-	7.21	7.27	7.52	7.56	-
3452	Bolts, nuts, rivets, and washers	343.17	337.24	339.21	337.46	-	8.37	8.41	8.72	8.72	-
346	Metal forgings and stampings	382.32	375.09	393.43	392.82	-	9.44	9.52	10.14	9.97	-
3462	Iron and steel forgings	406.82	390.87	405.45	425.25	-	10.12	10.10	10.87	10.96	-
3465	Automotive stampings	467.71	456.40	475.83	464.84	-	11.27	11.81	11.72	11.65	-
3469	Metal stampings, nec	292.93	289.73	300.80	312.44	-	7.36	7.41	8.00	7.93	-
347	Metal services, nec	261.35	261.10	273.08	272.76	-	6.55	6.61	7.02	7.03	-
3471	Plating and polishing	256.36	256.62	269.58	267.42	-	6.49	6.58	6.93	6.91	-
3479	Metal coating and allied services	272.14	271.06	281.97	289.70	-	6.67	6.66	7.23	7.30	-
348	Ordnance and accessories, nec	328.35	334.27	359.06	338.68	-	8.25	8.42	9.09	9.08	-
3483	Ammunition, exc. for small arms, nec	290.97	298.90	326.88	280.00	-	7.48	7.68	8.36	8.00	-
349	Misc. fabricated metal products	308.50	308.90	315.65	317.82	-	7.81	7.88	8.29	8.32	-
3494	Valves and pipe fittings	330.74	332.69	333.77	336.93	-	8.31	8.38	8.83	8.89	-
3496	Misc. fabricated wire products	264.88	264.52	278.46	281.25	-	6.74	6.80	7.14	7.23	-
35	MACHINERY, EXCEPT ELECTRICAL	359.79	361.98	363.63	363.87	368.88	8.88	8.96	9.30	9.33	9.38
351	Engines and turbines	441.54	452.48	446.88	446.57	-	11.15	11.20	11.40	11.48	-
3511	Turbines and turbine generator sets	412.48	416.12	422.28	445.91	-	10.39	10.30	10.80	11.17	-
3519	Internal combustion engines, nec	451.88	466.22	459.81	446.18	-	11.44	11.58	11.70	11.68	-
352	Farm and garden machinery	389.37	391.45	408.99	391.13	-	9.71	9.91	10.46	10.32	-
3523	Farm machinery and equipment	403.81	408.75	427.58	417.96	-	10.02	10.27	10.88	10.95	-
353	Construction and related machinery	397.99	402.62	380.36	354.11	-	9.66	9.82	10.17	10.29	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Aug. 1981	Sept. 1981	July 1982	Aug. 1982P	Sept. 1982P	Aug. 1981	Sept. 1981	July 1982	Aug. 1982P	Sept. 1982P
32	STONE, CLAY, AND GLASS PRODUCTS	41.0	40.6	40.6	40.6	40.6	4.1	4.0	3.8	3.9	-
321	Flat glass	41.9	42.0	42.4	42.5	-	4.0	4.6	3.7	4.0	-
322	Glass and glassware, pressed or blown	40.9	40.5	40.3	40.1	-	4.3	5.0	4.1	4.3	-
3221	Glass containers	41.2	39.7	40.9	40.8	-	4.8	5.5	4.8	4.9	-
3229	Pressed and blown glass, nec	40.5	41.5	39.3	39.0	-	3.6	4.3	3.1	3.3	-
323	Products of purchased glass	38.7	39.7	39.5	39.6	-	3.0	3.1	2.7	2.9	-
324	Cement, hydraulic	42.1	42.9	40.5	41.5	-	3.3	3.5	2.4	2.9	-
325	Structural clay products	40.4	40.3	39.5	39.9	-	3.3	3.3	2.5	2.5	-
326	Pottery and related products	38.4	38.7	38.1	38.6	-	1.7	2.0	1.4	1.6	-
327	Concrete, gypsum, and plaster products	42.1	41.2	42.5	42.2	-	5.3	4.7	5.5	5.6	-
3271	Concrete block and brick	42.9	42.4	43.3	43.4	-	4.7	4.2	5.2	5.5	-
3272	Concrete products, nec	42.1	41.3	42.0	42.3	-	4.7	4.2	4.8	5.0	-
3273	Ready mixed concrete	41.5	40.0	42.4	41.5	-	5.6	4.7	6.1	6.0	-
329	Misc. nonmetallic mineral products	40.7	40.2	39.2	39.5	-	3.6	3.2	2.4	2.7	-
3291	Abrasive products	40.1	39.9	37.2	37.3	-	2.8	2.7	1.2	1.2	-
3292	Asbestos products	41.0	38.7	39.9	40.7	-	3.1	2.3	2.6	2.9	-
33	PRIMARY METAL INDUSTRIES	40.3	40.9	38.5	38.4	37.9	3.1	3.3	2.0	2.1	-
331	Blast furnace and basic steel products	40.0	41.5	38.1	37.6	-	2.9	3.3	1.5	1.5	-
3312	Blast furnaces and steel mills	39.7	41.6	37.8	37.3	-	2.8	3.3	1.4	1.6	-
3317	Steel pipe and tubes	41.4	40.5	39.1	37.7	-	3.6	2.9	2.8	2.9	-
332	Iron and steel foundries	39.3	37.9	37.3	37.1	-	2.9	2.6	2.0	1.9	-
3321	Gray iron foundries	38.8	37.6	37.7	37.5	-	2.9	2.6	2.6	2.7	-
3322	Malleable iron foundries	38.9	37.8	36.8	36.8	-	2.5	2.8	1.3	1.3	-
3325	Steel foundries, nec	40.4	38.7	35.6	35.9	-	3.1	2.3	.9	1.2	-
333	Primary nonferrous metals	41.5	43.6	40.3	40.9	-	3.2	4.6	2.7	2.7	-
3334	Primary aluminum	41.7	44.3	40.5	41.4	-	3.7	5.9	3.2	3.1	-
335	Nonferrous rolling and drawing	41.7	41.7	40.0	40.2	-	4.5	4.4	2.9	3.1	-
3351	Copper rolling and drawing	42.7	41.4	41.0	41.4	-	4.7	4.6	2.7	3.6	-
3353	Aluminum sheet, plate and foil	41.6	42.2	40.6	40.7	-	5.1	5.7	4.6	4.4	-
3357	Nonferrous wire drawing and insulating	41.4	41.9	39.4	39.4	-	4.7	4.5	2.5	2.6	-
336	Nonferrous foundries	39.9	39.3	39.0	39.4	-	2.8	2.2	2.0	2.0	-
3361	Aluminum foundries	39.8	39.1	39.4	39.7	-	2.5	2.8	2.0	2.0	-
34	FABRICATED METAL PRODUCTS	40.3	39.7	38.9	39.0	38.6	2.9	2.7	1.9	2.1	-
341	Metal cans and shipping containers	44.4	42.9	42.6	43.0	-	5.3	4.9	4.4	4.7	-
3411	Metal cans	44.9	43.1	43.0	43.6	-	5.3	5.0	4.5	5.1	-
342	Cutlery, hand tools, and hardware	39.8	38.4	38.0	38.2	-	2.8	1.8	1.4	1.7	-
3423, 5	Hand and edge tools, and hand saws and blades	40.0	39.3	37.1	37.2	-	2.4	1.9	.9	.9	-
3429	Hardware, nec	39.6	37.7	38.6	38.6	-	2.4	1.7	1.6	1.7	-
343	Plumbing and heating, except electric	38.8	38.3	38.2	38.8	-	1.7	1.7	.9	1.1	-
3432	Plumbing fittings and brass goods	39.3	38.5	38.3	38.2	-	2.0	1.7	.9	.8	-
3433	Heating equipment, except electric	38.8	38.6	38.2	39.0	-	1.6	1.6	.8	1.4	-
344	Fabricated structural metal products	40.4	40.1	39.0	39.2	-	2.9	2.8	1.9	2.1	-
3441	Fabricated structural metal	41.5	41.1	39.9	40.2	-	3.5	3.0	2.7	3.0	-
3442	Metal doors, sash, and trim	39.0	39.1	38.4	38.9	-	2.2	2.2	1.7	2.2	-
3443	Fabricated plate work (boiler shops)	41.1	40.9	38.9	39.3	-	3.3	3.4	1.8	2.1	-
3444	Sheet metal work	39.7	39.5	39.0	38.3	-	2.5	2.4	1.9	1.9	-
3446	Architectural metal work	40.2	39.7	39.2	39.5	-	2.4	1.7	2.1	2.6	-
345	Screw machine products, bolts, etc.	40.5	39.8	38.9	38.5	-	3.0	2.5	1.5	1.6	-
3451	Screw machine products	39.9	39.5	38.0	38.2	-	2.7	2.3	1.3	1.8	-
3452	Bolts, nuts, rivets, and washers	41.0	40.1	38.9	38.7	-	3.3	2.8	1.7	1.7	-
346	Metal forgings and stampings	40.5	39.4	38.8	39.4	-	3.1	2.8	2.4	2.0	-
3462	Iron and steel forgings	40.2	38.7	37.3	38.8	-	3.1	2.5	1.7	1.9	-
3465	Automotive stampings	41.5	40.0	40.6	39.9	-	3.8	3.2	3.2	2.1	-
3469	Metal stampings, nec	39.8	39.1	37.6	39.4	-	2.5	2.3	1.7	1.8	-
347	Metal services, nec	39.9	39.5	38.9	38.8	-	2.7	2.6	2.3	2.2	-
3471	Plating and polishing	39.5	39.0	38.9	38.7	-	2.9	2.7	2.1	2.2	-
3479	Metal ... g and allied services	40.8	40.7	39.0	39.0	-	2.5	2.2	2.7	2.5	-
348	Ordnance and accessories, nec	39.8	39.7	39.5	37.3	-	2.5	2.7	1.6	1.7	-
3483	Ammunition, exc. for small arms, nec	38.9	38.6	39.1	35.0	-	2.0	1.9	1.4	1.7	-
349	Misc. fabricated metal products	39.5	39.2	38.1	38.2	-	2.7	2.6	1.3	1.6	-
3494	Valves and pipe fittings	39.8	39.7	37.8	37.9	-	2.7	2.8	1.2	1.5	-
3496	Misc. fabricated wire products	39.3	38.9	39.0	38.9	-	2.6	2.4	1.4	1.6	-
35	MACHINERY, EXCEPT ELECTRICAL	40.7	40.4	39.1	39.0	38.4	3.3	3.1	2.0	1.9	-
351	Engines and turbines	39.6	40.4	39.2	38.9	-	3.1	2.7	1.4	1.8	-
3511	Turbines and turbine generator sets	39.7	40.4	39.1	40.1	-	3.6	3.4	2.7	3.0	-
3519	Internal combustion engines, nec	39.5	40.4	39.3	38.2	-	2.9	2.5	.8	.6	-
352	Farm and garden machinery	40.1	39.5	39.1	37.9	-	3.2	3.0	1.7	1.7	-
3523	Farm machinery and equipment	40.3	39.8	39.3	37.6	-	3.6	3.4	1.8	1.9	-
353	Construction and related machinery	41.2	41.0	37.4	38.3	-	3.6	3.4	1.6	1.6	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry – Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Aug. 1981	Sept. 1981	July 1982	Aug. 1982p	Sept. 1982p	Aug. 1981	Sept. 1981	July 1982	Aug. 1982p	Sept. 1982p
	MACHINERY, EXCEPT ELECTRICAL — Continued										
3531	Construction machinery	$434.00	$436.00	$395.50	$425.13	-	$10.85	$11.01	$11.30	$11.90	-
3532	Mining machinery	375.77	385.53	362.95	366.90	-	9.66	9.81	10.35	10.37	-
3533	Oil field machinery	409.87	421.12	399.90	402.38	-	9.19	9.40	10.02	10.11	-
3535	Conveyors and conveying equipment	350.86	334.85	383.26	357.50	-	8.66	8.72	8.69	9.11	-
3537	Industrial trucks and tractors	318.59	318.42	303.45	320.84	-	8.34	8.34	8.67	9.03	-
354	Metalworking machinery	367.98	367.52	375.71	372.66	-	8.91	9.01	9.56	9.58	-
3541	Machine tools, metal cutting types	379.22	382.44	382.96	372.33	-	9.16	9.26	9.87	9.87	-
3542	Machine tools, metal forming types	357.17	369.10	374.98	375.61	-	9.35	9.48	10.08	10.07	-
3544	Special dies, tools, jigs, and fixtures	393.30	393.30	407.62	404.61	-	9.32	9.50	10.08	10.10	-
3545	Machine tool accessories	336.20	329.87	329.00	324.76	-	8.22	8.33	8.75	8.73	-
3546	Power driven hand tools	289.35	291.00	297.92	301.71	-	7.27	7.33	7.60	7.67	-
355	Special industry machinery	336.60	336.20	351.12	350.34	-	8.25	8.31	8.99	8.97	-
3551	Food products machinery	352.51	345.20	370.00	366.30	-	8.64	8.67	9.33	9.35	-
3552	Textile machinery	266.53	265.86	273.46	270.99	-	6.63	6.69	7.18	7.17	-
3555	Printing trades machinery	357.44	363.72	366.42	362.94	-	8.45	8.66	9.30	9.33	-
356	General industrial machinery	353.36	358.40	355.36	357.98	-	8.79	8.86	9.33	9.35	-
3561	Pumps and pumping equipment	350.73	353.58	357.20	360.81	-	8.97	9.02	9.60	9.72	-
3562	Ball and roller bearings	358.80	357.57	386.63	357.50	-	9.33	9.30	9.99	9.36	-
3563	Air and gas compressors	395.93	412.59	391.95	405.81	-	9.36	9.68	10.05	10.12	-
3564	Blowers and fans	319.19	318.30	345.37	342.14	-	8.04	8.12	8.57	8.63	-
3566	Speed changers, drives, and gears	403.09	388.87	367.16	356.97	-	9.76	9.82	9.89	9.78	-
3568	Power transmission equipment, nec	333.33	332.93	329.45	326.20	-	8.21	8.18	8.81	8.83	-
357	Office and computing machines	310.75	312.87	325.16	326.40	-	7.87	7.62	7.95	8.30	-
3573	Electronic computing equipment	313.74	314.71	322.22	325.54	-	7.47	7.60	7.84	7.92	-
358	Refrigeration and service machinery	318.77	317.58	385.14	338.61	-	8.07	8.08	8.69	8.64	-
3585	Refrigeration and heating equipment	329.57	327.49	357.78	349.95	-	8.26	8.27	8.90	8.95	-
359	Misc. machinery, except electrical	345.51	343.98	351.90	349.07	-	8.51	8.62	9.00	9.01	-
3592	Carburetors, pistons, rings, valves	401.60	406.30	408.10	404.42	-	9.99	10.26	10.52	10.35	-
3599	Machinery, except electrical, nec	337.00	333.56	343.78	340.17	-	8.28	8.36	8.77	8.79	-
36	ELECTRIC AND ELECTRONIC EQUIPMENT	309.20	307.69	319.84	322.16	$321.98	7.73	7.75	8.18	8.24	$8.27
361	Electric distributing equipment	303.34	298.31	305.22	316.47	-	7.66	7.61	7.90	8.22	-
3612	Transformers	305.86	298.89	301.46	319.55	-	7.46	7.39	7.90	8.19	-
3613	Switchgear and switchboard apparatus	301.06	297.94	308.45	313.21	-	7.83	7.82	8.16	8.31	-
362	Electrical industrial apparatus	317.20	316.01	320.26	317.60	-	7.93	7.92	8.34	8.38	-
3621	Motors and generators	312.83	307.31	332.69	326.43	-	7.86	7.79	8.38	8.37	-
3622	Industrial controls	310.08	313.62	257.57	305.04	-	7.87	7.96	8.01	8.30	-
363	Household appliances	306.50	299.58	306.66	306.87	-	7.74	7.77	8.07	7.97	-
3632	Household refrigerators and freezers	387.82	354.88	378.14	383.11	-	9.10	9.03	9.17	9.10	-
3633	Household laundry equipment	351.92	338.53	359.10	366.82	-	9.11	9.21	9.50	9.71	-
3634	Electric housewares and fans	235.61	233.92	228.51	244.86	-	5.98	6.06	6.33	6.35	-
364	Electric lighting and wiring equipment	281.24	281.46	300.31	307.32	-	7.12	7.19	7.76	7.90	-
3641	Electric lamps	334.97	329.86	335.01	362.15	-	8.15	8.12	8.59	8.79	-
3643	Current-carrying wiring devices	267.85	269.50	266.21	266.56	-	6.73	6.84	7.17	7.15	-
3644	Noncurrent-carrying wiring devices	283.97	292.87	302.64	297.83	-	7.30	7.34	7.83	7.79	-
3645	Residential lighting fixtures	214.68	217.35	221.68	238.52	-	5.62	5.75	6.09	6.06	-
365	Radio and TV receiving equipment	282.27	283.66	308.89	301.45	-	7.11	7.15	7.90	7.63	-
3651	Radio and TV receiving sets	285.98	284.20	314.76	306.14	-	7.28	7.25	8.05	7.87	-
366	Communication equipment	364.99	367.74	380.65	387.87	-	8.99	9.04	9.54	9.77	-
3661	Telephone and telegraph apparatus	397.16	402.62	381.00	404.88	-	9.57	9.71	9.67	10.27	-
3662	Radio and TV communication equipment	345.66	346.40	379.35	378.90	-	8.62	8.66	9.47	9.53	-
367	Electronic components and accessories	265.99	265.72	283.29	280.80	-	6.70	6.71	7.19	7.20	-
3671,3	Electronic tubes	330.96	337.68	366.19	356.33	-	8.40	8.40	8.98	9.00	-
3674	Semiconductors and related devices	310.31	308.79	321.14	320.26	-	7.70	7.68	8.13	8.17	-
3679	Electronic components, nec	249.38	248.52	265.20	261.98	-	6.25	6.26	6.68	6.73	-
369	Misc. electrical equipment and supplies	350.83	347.93	336.65	344.34	-	8.62	8.70	8.61	8.93	-
3691	Storage batteries	361.92	366.33	354.05	376.40	-	8.70	8.79	8.27	9.04	-
3694	Engine electrical equipment	388.27	379.08	376.92	383.88	-	9.79	9.77	8.82	9.89	-
37	TRANSPORTATION EQUIPMENT	421.02	418.55	456.35	447.60	440.61	10.37	10.49	11.35	11.13	11.19
371	Motor vehicles and equipment	444.99	437.27	489.82	463.70	-	10.88	11.07	11.86	11.68	-
3711	Motor vehicles and car bodies	501.43	485.55	550.15	506.28	-	12.23	12.45	13.11	13.15	-
3713	Truck and bus bodies	351.01	350.55	366.92	343.88	-	8.71	8.83	9.15	9.06	-
3714	Motor vehicle parts and accessories	426.01	417.35	465.15	452.19	-	10.34	10.46	11.29	11.11	-
3715	Truck trailers	283.86	285.34	297.56	308.41	-	7.47	7.53	8.11	7.99	-
372	Aircraft and parts	423.63	427.99	453.29	463.08	-	10.46	10.49	11.23	11.35	-
3721	Aircraft	434.22	446.89	474.30	496.74	-	10.91	10.83	11.74	11.93	-
3724	Aircraft engines and engine parts	427.43	424.66	445.88	455.31	-	10.59	10.59	11.20	11.27	-
3729	Aircraft equipment, nec	395.96	395.67	421.89	425.80	-	9.45	9.58	10.29	10.16	-
373	Ship and boat building and repairing	366.33	363.60	386.89	393.22	-	9.09	9.09	9.77	9.88	-
3731	Shipbuilding and repairing	383.66	381.35	408.54	414.00	-	9.52	9.51	10.19	10.37	-
3732	Boat building and repairing	301.90	296.25	310.65	304.97	-	7.51	7.50	7.90	7.76	-
374	Railroad equipment	431.04	427.65	422.98	426.65	-	10.38	11.08	11.14	11.19	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry – Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Aug. 1981	Sept. 1981	July 1982	Aug. 1982p	Sept. 1982p	Aug. 1981	Sept. 1981	July 1982	Aug. 1982p	Sept. 1982p
	MACHINERY, EXCEPT ELECTRICAL—Continued										
3531	Construction machinery	40.0	39.6	35.0	37.0	-	2.2	1.7	0.9	1.0	-
3532	Mining machinery	36.9	39.3	37.0	37.3	-	1.8	1.7	.9	1.1	-
3533	Oil field machinery	44.6	44.8	39.9	39.8	-	6.1	6.5	2.3	2.3	-
3535	Conveyors and conveying equipment	39.6	38.6	39.5	39.2	-	3.0	2.9	1.9	2.1	-
3537	Industrial trucks and tractors	38.2	37.7	35.0	36.5	-	2.6	2.2	.8	.9	-
354	Metalworking machinery	41.3	40.7	39.3	39.9	-	4.0	3.7	2.4	2.5	-
3541	Machine tools, metal cutting types	41.4	41.3	38.8	37.8	-	4.2	4.1	2.0	1.8	-
3542	Machine tools, metal forming types	38.2	39.1	37.2	37.3	-	2.5	2.6	1.1	1.1	-
3544	Special dies, tools, jigs, and fixtures	42.2	41.4	40.6	40.1	-	4.9	4.4	1.8	1.6	-
3545	Machine tool accessories	40.9	39.6	37.6	37.2	-	3.1	2.9	1.3	1.3	-
3546	Power driven hand tools	39.8	39.7	39.2	39.7	-	2.7	2.3	1.5	2.8	-
355	Special industry machinery	40.8	40.6	39.1	39.1	-	2.8	2.8	2.1	2.0	-
3551	Food products machinery	40.8	40.0	39.7	39.6	-	2.2	2.0	2.3	2.5	-
3552	Textile machinery	40.2	39.8	38.3	37.9	-	2.1	1.9	.8	1.0	-
3555	Printing trades machinery	42.3	42.0	39.4	38.9	-	3.8	3.7	2.4	2.0	-
356	General industrial machinery	40.2	40.0	38.5	38.7	-	3.0	3.0	1.7	1.5	-
3561	Pumps and pumping equipment	39.1	39.2	37.6	37.9	-	2.7	2.6	1.1	1.1	-
3562	Ball and roller bearings	41.1	41.1	38.6	39.9	-	3.3	3.1	2.1	1.9	-
3563	Air and gas compressors	42.3	42.9	39.0	40.1	-	3.6	4.4	2.5	2.1	-
3564	Blowers and fans	39.7	39.2	40.3	39.6	-	3.2	2.9	3.2	1.7	-
3566	Speed changers, drives, and gears	41.3	39.6	37.2	36.5	-	4.3	3.5	.9	.8	-
3569	Power transmission equipment, nec	40.6	40.7	37.4	36.5	-	2.9	2.8	1.3	1.0	-
357	Office and computing machines	41.6	41.6	40.9	40.8	-	2.8	3.0	2.0	2.1	-
3573	Electronic computing equipment	42.0	41.3	41.1	41.0	-	3.2	3.8	2.2	2.3	-
358	Refrigeration and service machinery	39.5	39.3	39.9	39.1	-	2.3	2.0	2.0	1.6	-
3585	Refrigeration and heating equipment	39.9	39.6	40.2	39.1	-	2.4	2.0	2.0	1.7	-
359	Misc. machinery, except electrical	40.6	39.9	39.1	38.7	-	3.7	3.1	2.3	2.0	-
3592	Carburetors, pistons, rings, valves	40.2	39.6	38.8	38.7	-	2.7	1.9	1.0	1.0	-
3599	Machinery, except electrical, nec	40.7	39.9	39.2	38.7	-	3.8	3.3	2.3	2.1	-
36	ELECTRIC AND ELECTRONIC EQUIPMENT	40.0	39.7	39.1	39.1	38.7	2.3	2.3	1.7	1.8	-
361	Electric distributing equipment	39.6	39.2	38.2	38.5	-	2.8	2.3	1.4	1.7	-
3612	Transformers	41.0	40.5	38.7	39.5	-	2.8	2.6	1.6	2.1	-
3613	Switchgear and switchboard apparatus	38.4	38.1	37.8	37.6	-	2.7	2.1	1.3	1.8	-
362	Electrical industrial apparatus	40.0	39.9	38.8	37.9	-	2.7	2.7	1.7	1.8	-
3621	Motors and generators	39.8	39.5	39.7	39.0	-	2.6	2.4	2.2	1.6	-
3622	Industrial controls	39.4	39.4	37.2	37.2	-	2.5	2.5	1.1	1.2	-
363	Household appliances	39.6	38.9	38.0	38.6	-	2.2	1.9	1.3	1.8	-
3632	Household refrigerators and freezers	42.2	39.3	40.8	41.8	-	2.1	1.5	1.8	2.4	-
3633	Household laundry equipment	37.8	36.8	37.8	37.7	-	1.8	.9	.5	.6	-
3634	Electric housewares and fans	38.4	38.6	36.1	38.5	-	2.4	2.2	1.2	1.8	-
364	Electric lighting and wiring equipment	39.5	39.2	38.7	39.4	-	2.1	1.9	1.5	1.7	-
3641	Electric lamps	41.1	40.5	39.0	41.2	-	2.7	1.6	1.0	1.6	-
3643	Current carrying wiring devices	39.8	39.4	39.1	38.7	-	2.5	2.4	2.1	1.6	-
3644	Noncurrent carrying wiring devices	38.9	39.9	38.8	37.7	-	2.4	2.2	.9	1.3	-
3645	Residential lighting fixtures	38.2	37.8	36.4	38.7	-	1.3	1.6	.7	1.5	-
365	Radio and TV receiving equipment	39.7	39.7	39.1	39.2	-	1.6	1.6	1.5	1.3	-
3651	Radio and TV receiving sets	39.5	39.2	39.1	38.9	-	1.5	1.2	1.6	1.3	-
366	Communication equipment	40.6	40.5	39.9	39.7	-	2.3	2.5	1.9	1.9	-
3661	Telephone and telegraph apparatus	41.5	41.4	39.4	39.5	-	2.6	3.0	1.8	1.8	-
3662	Radio and TV communication equipment	40.1	40.0	40.1	39.8	-	2.2	2.2	2.1	2.0	-
367	Electronic components and accessories	39.7	39.6	39.4	39.0	-	2.3	2.8	2.1	1.9	-
3671,3	Electronic tubes	39.4	40.2	40.8	39.2	-	1.7	2.1	1.7	1.0	-
3674	Semiconductors and related devices	40.3	40.2	39.5	39.2	-	2.8	2.6	2.4	2.2	-
3675	Electronic components, nec	39.9	39.7	39.7	39.4	-	2.4	2.8	2.1	1.9	-
369	Misc. electrical equipment and supplies	40.7	39.9	39.1	39.9	-	2.3	2.1	1.8	2.0	-
3691	Storage batteries	41.6	39.4	38.4	40.3	-	2.5	2.3	1.7	2.0	-
3694	Engine electrical equipment	39.7	38.8	38.2	38.9	-	2.1	1.6	1.2	1.7	-
37	TRANSPORTATION EQUIPMENT	40.6	39.9	40.6	40.0	39.2	3.1	2.9	3.0	2.8	-
371	Motor vehicles and equipment	40.9	39.5	41.3	39.7	-	3.1	2.5	3.3	2.8	-
3711	Motor vehicles and car bodies	41.0	39.0	41.9	38.5	-	3.2	2.4	3.6	2.9	-
3713	Truck and bus bodies	40.3	39.7	40.1	39.3	-	2.9	2.1	1.7	1.3	-
3714	Motor vehicle parts and accessories	41.2	39.9	41.2	40.7	-	3.2	2.9	3.3	3.0	-
3715	Truck trailers	38.0	37.9	36.8	38.6	-	1.8	1.6	.6	.7	-
372	Aircraft and parts	40.5	40.8	40.4	40.8	-	3.6	3.3	2.8	3.0	-
3721	Aircraft	39.8	41.0	40.4	40.8	-	3.1	2.9	2.2	2.6	-
3724	Aircraft engines and engine parts	40.4	40.1	39.9	40.4	-	3.3	3.4	3.2	3.3	-
3728	Aircraft equipment, nec	41.9	41.3	41.0	41.1	-	4.2	3.9	3.6	3.6	-
373	Ship and boat building and repairing	40.3	40.0	39.6	39.6	-	3.8	3.0	2.5	2.9	-
3731	Ship building and repairing	40.3	40.1	39.7	40.0	-	3.9	3.0	2.6	3.1	-
3732	Boat building and repairing	40.2	39.9	39.1	39.3	-	3.7	3.7	2.0	1.9	-
374	Railroad equipment	39.4	38.6	37.1	37.8	-	2.3	2.1	1.2	1.9	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Aug. 1981	Sept. 1981	July 1982	Aug. 1982p	Sept. 1982p	Aug. 1981	Sept. 1981	July 1982	Aug. 1982p	Sept. 1982p
	TRANSPORTATION EQUIPMENT—Continued										
376	Guided missiles, space vehicles, parts	$408.22	$402.38	$436.91	$452.51	-	$10.03	$10.11	$10.95	$11.01	-
3761	Guided missiles and space vehicles	416.07	412.09	443.37	465.22	-	10.35	10.38	11.19	11.21	-
379	Miscellaneous transportation equipment	311.52	310.87	358.83	344.08	-	7.73	7.89	8.86	8.80	-
3792	Travel trailers and campers	268.52	253.50	291.46	284.53	-	6.85	6.87	7.61	7.69	-
38	**INSTRUMENTS AND RELATED PRODUCTS**	305.02	306.64	328.25	337.16	$334.57	7.55	7.59	8.31	8.35	$8.37
381	Engineering and scientific instruments	318.33	322.79	340.90	338.75	-	7.86	7.97	8.48	8.39	-
382	Measuring and controlling devices	312.36	308.10	333.37	353.03	-	7.60	7.57	8.57	8.87	-
3822	Environmental controls	277.03	281.85	289.50	303.01	-	7.14	7.19	7.72	7.95	-
3823	Process control instruments	312.60	316.75	334.11	323.87	-	7.39	7.50	8.27	8.22	-
3825	Instruments to measure electricity	339.39	325.97	366.83	411.64	-	8.10	7.97	9.03	10.08	-
383	Optical instruments and lenses	329.11	326.73	342.05	361.00	-	8.29	8.23	8.53	8.98	-
384	Medical instruments and supplies	256.10	259.65	271.21	277.60	-	6.50	6.59	6.99	7.11	-
3841	Surgical and medical instruments	256.64	258.89	269.50	284.52	-	6.40	6.48	7.00	7.36	-
3842	Surgical appliances and supplies	256.47	261.61	273.52	272.92	-	6.61	6.76	6.96	6.99	-
385	Ophthalmic goods	224.47	227.26	231.77	243.36	-	5.68	5.71	6.02	6.13	-
386	Photographic equipment and supplies	398.62	410.88	435.75	433.30	-	9.77	9.89	10.59	10.62	-
387	Watches, clocks, and watchcases	225.76	228.28	237.00	242.75	-	5.73	5.75	6.18	6.17	-
39	**MISCELLANEOUS MANUFACTURING INDUSTRIES**	231.84	234.14	240.48	246.27	248.83	5.96	6.05	6.80	6.38	6.88
391	Jewelry, silverware, and plated ware	248.06	252.59	253.82	259.50	-	6.46	6.51	6.86	6.92	-
3911	Jewelry, precious metal	247.03	255.74	248.04	254.77	-	6.57	6.66	6.89	6.99	-
393	Musical instruments	232.62	232.58	246.54	251.42	-	5.98	6.04	6.21	6.89	-
394	Toys and sporting goods	216.54	220.74	231.04	233.64	-	5.51	5.66	5.97	5.93	-
3942, 4	Dolls, games, toys, and children's vehicles	206.70	204.91	219.79	221.09	-	5.30	5.35	5.65	5.68	-
3949	Sporting and athletic goods, nec	227.13	238.40	241.78	246.31	-	5.75	5.99	6.28	6.22	-
395	Pens, pencils, office and art supplies	248.47	241.70	260.02	261.35	-	6.12	6.15	6.65	6.65	-
396	Costume jewelry and notions	195.83	201.88	203.87	204.50	-	5.14	5.23	5.54	5.41	-
3961	Costume jewelry	180.42	188.82	188.03	190.88	-	4.85	4.93	5.19	5.01	-
399	Miscellaneous manufactures	249.23	249.06	260.99	261.50	-	6.44	6.52	6.85	6.81	-
3993	Signs and advertising displays	267.42	273.66	281.18	281.25	-	6.91	7.04	7.38	7.33	-
	NONDURABLE GOODS										
20	**FOOD AND KINDRED PRODUCTS**	298.45	300.89	312.05	312.44	310.91	7.48	7.56	7.88	7.87	7.86
201	Meat products	295.71	300.13	295.93	292.92	-	7.43	7.56	7.53	7.53	-
2011	Meat packing plants	369.00	379.13	368.33	366.13	-	9.00	9.18	8.94	8.93	-
2013	Sausages and other prepared meats	354.56	353.42	362.58	358.93	-	8.82	8.88	9.11	9.11	-
2016	Poultry dressing plants	187.39	187.56	190.46	187.76	-	4.88	4.91	5.12	5.13	-
202	Dairy products	311.82	329.22	338.16	335.36	-	7.55	7.82	8.09	8.12	-
2022	Cheese, natural and processed	284.80	296.21	313.34	304.15	-	7.12	7.48	7.68	7.70	-
2026	Fluid milk	327.76	349.92	355.73	350.28	-	7.86	8.10	8.37	8.40	-
203	Preserved fruits and vegetables	271.32	260.13	265.18	276.71	-	6.80	6.67	6.87	6.97	-
2032	Canned specialties	304.30	315.75	327.22	357.08	-	7.28	7.50	8.02	8.19	-
2033	Canned fruits and vegetables	285.42	263.07	268.81	274.40	-	7.10	6.66	6.79	7.00	-
2037	Frozen fruits and vegetables	244.38	250.10	252.56	254.23	-	6.25	6.53	6.56	6.82	-
204	Grain mill products	357.84	371.91	391.35	385.84	-	8.80	8.53	9.08	9.10	-
2041	Flour and other grain mill products	381.49	395.87	419.98	421.74	-	8.84	8.55	9.13	9.31	-
2048	Prepared feeds, nec	284.14	295.67	309.40	298.91	-	6.67	6.86	7.08	7.10	-
205	Bakery products	300.99	308.27	319.58	318.57	-	7.90	8.07	8.41	8.45	-
2051	Bread, cake, and related products	305.90	310.88	321.48	321.38	-	8.05	8.18	8.55	8.57	-
2052	Cookies and crackers	288.37	299.54	313.60	311.00	-	7.49	7.74	8.00	8.12	-
206	Sugar and confectionery products	288.68	291.67	319.60	326.38	-	7.29	7.31	8.01	7.98	-
2061,3	Cane and beet sugar	368.94	378.96	379.20	401.85	-	8.58	8.72	9.38	9.58	-
2066	Confectionery products	240.38	245.24	275.73	277.69	-	6.41	6.42	7.07	7.03	-
207	Fats and oils	331.80	344.80	356.93	352.38	-	7.60	8.00	8.32	8.37	-
208	Beverages	368.51	378.14	397.03	398.52	-	9.01	9.17	9.66	9.72	-
2082	Malt beverages	519.78	525.34	577.70	561.56	-	12.23	12.39	13.25	13.09	-
2086	Bottled and canned soft drinks	278.39	271.44	300.29	305.04	-	6.84	6.82	7.36	7.48	-
209	Misc. foods and kindred products	246.51	248.12	256.36	262.71	-	6.47	6.58	6.91	6.96	-
21	**TOBACCO MANUFACTURES**	354.09	352.15	383.86	361.73	370.91	8.70	8.76	10.42	9.87	9.99
211	Cigarettes	447.69	458.90	431.30	454.96	-	10.98	11.22	11.72	11.91	-
22	**TEXTILE MILL PRODUCTS**	225.48	221.34	216.13	222.91	223.85	5.65	5.69	5.81	5.83	5.85
221	Weaving mills, cotton	241.57	238.60	215.28	226.48	-	5.95	5.95	5.98	5.96	-
222	Weaving mills, synthetics	249.60	242.00	227.67	237.55	-	6.00	5.99	6.17	6.17	-
223	Weaving and finishing mills, wool	241.12	232.68	233.38	242.48	-	5.81	5.73	6.28	6.17	-
224	Narrow fabric mills	201.68	202.68	212.46	212.35	-	5.08	5.13	5.89	5.73	-
225	Knitting mills	199.16	193.20	199.23	202.29	-	5.20	5.25	5.37	5.38	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Aug. 1981	Sept. 1981	July 1982	Aug. 1982P	Sept. 1982P	Aug. 1981	Sept. 1981	July 1982	Aug. 1982P	Sept. 1982P
	TRANSPORTATION EQUIPMENT—Continued										
376	Guided missiles, space vehicles, parts	40.7	39.8	39.9	41.1	-	3.4	2.6	2.7	3.8	-
3761	Guided missiles and space vehicles	40.2	39.7	39.8	41.5	-	3.1	2.4	2.5	3.6	-
379	Miscellaneous transportation equipment	40.3	39.4	40.5	39.1	-	2.2	2.1	3.5	2.7	-
3792	Travel trailers and campers	39.2	36.9	38.3	37.0	-	2.1	1.2	1.9	1.8	-
38	**INSTRUMENTS AND RELATED PRODUCTS**	40.4	40.4	39.5	39.9	39.5	2.2	2.4	1.4	1.6	-
381	Engineering and scientific instruments	40.5	40.5	40.2	39.9	-	2.7	3.3	1.7	1.9	-
382	Measuring and controlling devices	41.1	40.7	38.9	39.8	-	2.1	2.2	1.0	1.1	-
3822	Environmental controls	38.8	39.2	37.5	38.6	-	1.7	1.7	.9	1.0	-
3823	Process control instruments	42.3	42.5	40.4	39.4	-	2.5	3.2	1.2	1.0	-
3825	Instruments to measure electricity	41.9	40.9	38.9	41.0	-	2.0	1.9	.9	1.0	-
383	Optical instruments and lenses	39.7	39.7	40.1	40.2	-	2.4	2.5	1.9	1.7	-
384	Medical instruments and supplies	39.4	39.4	38.8	39.6	-	2.3	2.5	1.7	2.0	-
3841	Surgical and medical instruments	40.1	40.2	38.5	40.3	-	2.4	2.5	1.8	2.6	-
3842	Surgical appliances and supplies	38.8	38.7	39.3	39.1	-	2.4	2.7	1.7	1.6	-
385	Ophthalmic goods	39.8	39.8	38.5	39.7	-	1.3	1.6	1.1	1.6	-
386	Photographic equipment and supplies	40.8	41.5	41.5	40.8	-	2.3	2.6	2.0	1.8	-
387	Watches, clocks, and watchcases	39.4	39.7	38.6	39.6	-	2.0	2.2	1.2	1.9	-
39	**MISCELLANEOUS MANUFACTURING INDUSTRIES**	38.9	38.7	38.2	38.6	38.4	1.9	2.2	1.3	1.6	-
391	Jewelry, silverware, and plated ware	38.4	38.8	37.0	37.5	-	1.9	2.2	.5	1.4	-
3911	Jewelry, precious metal	37.6	38.4	36.0	36.5	-	2.0	2.2	.6	1.3	-
393	Musical instruments	38.9	38.5	39.7	38.8	-	1.2	1.3	.3	.7	-
394	Toys and sporting goods	39.3	39.0	38.7	39.4	-	2.1	2.5	1.4	1.7	-
3942, 4	Dolls, games, toys, and children's vehicles	39.0	38.3	38.9	39.2	-	2.1	2.3	.9	1.3	-
3949	Sporting and athletic goods, nec	39.5	39.8	38.5	39.6	-	2.1	2.7	1.8	2.0	-
395	Pens, pencils, office and art supplies	40.6	39.3	39.1	39.3	-	2.4	1.8	1.6	1.7	-
396	Costume jewelry and notions	38.1	38.6	36.8	37.8	-	1.8	2.1	1.6	2.1	-
3961	Costume jewelry	37.2	38.3	36.3	38.1	-	1.5	2.0	2.4	2.8	-
399	Miscellaneous manufactures	38.7	38.2	38.1	38.4	-	1.9	2.1	1.5	1.6	-
3993	Signs and advertising displays	38.7	38.9	38.1	38.9	-	2.3	2.6	1.6	1.8	-
	NONDURABLE GOODS										
20	**FOOD AND KINDRED PRODUCTS**	39.9	39.8	39.6	39.7	39.9	4.0	4.2	3.7	3.9	-
201	Meat products	39.8	39.7	39.3	38.9	-	3.7	3.8	3.4	3.7	-
2011	Meat packing plants	41.0	41.3	41.2	41.0	-	4.4	5.1	4.2	4.8	-
2013	Sausages and other prepared meats	40.2	39.8	39.8	39.4	-	3.7	3.6	3.6	3.3	-
2016	Poultry dressing plants	38.4	38.2	37.2	36.6	-	3.0	2.4	2.4	2.3	-
202	Dairy products	41.3	42.1	41.8	41.3	-	3.9	4.6	4.3	4.0	-
2022	Cheese, natural and processed	40.0	39.6	40.8	39.5	-	3.2	3.5	3.6	3.0	-
2026	Fluid milk	41.7	43.2	42.5	41.7	-	4.3	5.5	4.6	4.2	-
203	Preserved fruits and vegetables	39.9	39.0	38.6	39.7	-	4.6	4.5	4.1	5.1	-
2032	Canned specialties	41.8	42.1	40.8	43.6	-	4.9	5.1	3.1	6.0	-
2033	Canned fruits and vegetables	40.2	35.5	39.0	39.2	-	5.2	5.1	4.9	5.5	-
2037	Frozen fruits and vegetables	39.1	38.3	38.5	39.6	-	4.4	4.7	4.0	5.1	-
204	Grain mill products	42.6	43.6	43.1	42.4	-	5.6	6.3	5.4	6.0	-
2041	Flour and other grain mill products	45.2	46.3	46.0	45.3	-	5.8	7.1	6.1	6.0	-
2048	Prepared feeds, nec	42.6	43.1	43.7	42.1	-	5.8	6.1	5.9	5.0	-
205	Bakery products	38.1	38.2	38.0	37.7	-	3.1	3.5	2.9	2.8	-
2051	Bread, cake, and related products	38.0	38.0	37.6	37.5	-	3.3	3.9	3.2	3.0	-
2052	Cookies and crackers	38.5	38.7	39.2	38.3	-	2.8	2.5	2.1	2.2	-
206	Sugar and confectionery products	39.6	39.9	39.9	40.9	-	2.7	3.3	2.6	3.2	-
2061-3	Cane and beet sugar	43.0	43.0	40.6	42.3	-	3.8	5.0	4.0	4.9	-
2066	Confectionery products	37.5	38.2	39.0	39.5	-	2.1	2.6	2.0	2.3	-
207	Fats and oils	42.0	43.1	42.9	42.1	-	5.1	5.7	5.2	4.8	-
208	Beverages	40.9	40.8	41.1	41.0	-	4.4	4.5	4.1	3.9	-
2082	Malt beverages	42.5	42.4	43.6	42.9	-	6.4	6.7	6.1	5.1	-
2086	Bottled and canned soft drinks	40.7	39.8	40.8	41.0	-	4.4	3.5	3.8	4.1	-
209	Misc. foods and kindred products	38.1	37.1	37.1	37.8	-	3.4	3.3	3.3	3.6	-
21	**TOBACCO MANUFACTURES**	40.7	40.2	36.8	38.4	39.5	2.5	2.5	1.4	2.0	-
211	Cigarettes	41.3	40.9	36.8	38.2	-	2.8	3.2	1.6	1.7	-
22	**TEXTILE MILL PRODUCTS**	39.9	38.9	37.2	38.3	38.2	3.2	2.7	1.9	2.2	-
221	Weaving mills, cotton	40.6	40.1	36.0	38.0	-	3.6	3.2	1.8	2.0	-
222	Weaving mills, synthetics	41.6	40.4	36.9	38.5	-	3.9	3.1	1.8	1.9	-
223	Weaving and finishing mills, wool	41.5	40.6	37.4	39.3	-	4.5	3.3	2.7	2.9	-
224	Narrow fabric mills	39.7	39.5	38.7	38.4	-	2.7	2.1	1.4	1.7	-
225	Knitting mills	38.3	38.8	37.1	37.6	-	2.4	1.9	1.7	2.1	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Aug. 1981	Sept. 1981	July 1982	Aug. 1982p	Sept. 1982p	Aug. 1981	Sept. 1981	July 1982	Aug. 1982p	Sept. 1982p
	TEXTILE MILL PRODUCTS—Continued										
2251	Women's hosiery, except socks	$188.48	$183.82	$196.32	$197.25	-	$4.96	$5.05	$5.18	$5.26	-
2252	Hosiery, nec	185.17	179.38	192.86	192.10	-	4.86	4.90	5.23	5.15	-
2253	Knit outerwear mills	194.84	187.61	198.80	197.17	-	5.09	5.14	5.78	5.23	-
2254	Knit underwear mills	182.77	178.21	177.66	180.43	-	4.98	5.02	5.12	5.17	-
2257	Circular knit fabric mills	230.29	230.63	223.61	232.65	-	5.92	5.98	5.90	5.95	-
226	Textile finishing, except wool	241.79	238.37	232.37	239.47	-	5.97	6.05	6.18	6.22	-
2261	Finishing plants, cotton	243.61	244.99	237.70	238.32	-	6.06	6.14	6.19	6.19	-
2262	Finishing plants, synthetics	253.59	241.64	228.59	247.00	-	6.17	6.26	6.82	6.50	-
227	Floor covering mills	230.62	222.38	228.31	233.36	-	5.78	5.79	6.08	6.01	-
228	Yarn and thread mills	210.40	208.21	202.20	210.48	-	5.38	5.38	5.65	5.61	-
2281	Yarn mills, except wool	212.12	207.11	201.25	209.66	-	5.37	5.38	5.61	5.56	-
2282	Throwing and winding mills	196.86	206.72	192.75	202.83	-	5.10	5.26	5.31	5.33	-
229	Miscellaneous textile goods	255.85	250.16	257.54	263.71	-	6.18	6.26	6.52	6.56	-
23	APPAREL AND OTHER TEXTILE PRODUCTS	180.05	177.41	183.02	182.85	$181.80	4.96	5.08	5.17	5.18	5.20
231	Men's and boys' suits and coats	206.96	208.15	213.96	208.04	-	5.67	5.75	5.96	5.90	-
232	Men's and boys' furnishings	168.52	168.88	172.90	171.84	-	4.53	4.58	4.75	4.76	-
2321	Men's and boys' shirts and nightwear	168.72	158.55	167.34	165.29	-	4.48	4.53	4.61	4.67	-
2327	Men's and boys' separate trousers	168.18	170.09	173.99	173.02	-	4.57	4.66	4.86	4.86	-
2328	Men's and boys' work clothing	169.67	162.67	171.92	173.96	-	4.43	4.45	4.71	4.78	-
233	Women's and misses' outerwear	171.00	165.79	172.03	171.86	-	5.00	5.07	5.12	5.13	-
2331	Women's and misses' blouses and waists	161.24	159.13	161.11	163.68	-	4.66	4.75	4.59	4.83	-
2335	Women's and misses' dresses	169.44	163.39	173.96	169.13	-	5.19	5.22	5.32	5.22	-
2337	Women's and misses' suits and coats	190.71	188.90	193.30	189.81	-	5.56	5.62	5.77	5.70	-
2339	Women's and misses' outerwear, nec	167.20	162.92	166.07	170.13	-	4.75	4.82	4.87	4.96	-
234	Women's and children's undergarments	167.61	167.17	161.58	165.43	-	4.53	4.58	4.67	4.68	-
2341	Women's and children's underwear	165.84	165.57	159.38	164.32	-	4.47	4.51	4.58	4.70	-
2342	Brassieres and allied garments	174.24	172.83	171.36	172.89	-	4.80	4.91	5.10	5.07	-
236	Children's outerwear	165.53	168.61	170.28	165.32	-	4.56	4.65	4.73	4.71	-
2361	Children's dresses and blouses	163.35	161.81	169.22	163.40	-	4.55	4.61	4.78	4.70	-
238	Misc. apparel and accessories	184.26	180.68	184.25	188.26	-	4.54	4.95	5.19	5.11	-
239	Misc. fabricated textile products	223.68	223.06	227.05	234.78	-	5.75	5.87	6.12	6.13	-
2391	Curtains and draperies	170.69	166.73	158.00	169.56	-	4.88	4.87	4.62	4.71	-
2392	House furnishing, nec	191.95	190.08	191.88	195.68	-	4.96	4.95	5.20	5.20	-
2396	Automotive and apparel trimmings	398.67	393.12	425.06	439.77	-	9.70	10.08	10.60	10.70	-
26	PAPER AND ALLIED PRODUCTS	367.61	386.68	391.86	393.65	401.15	8.67	8.95	9.81	9.88	9.87
261, 2 6	Paper and pulp mills	451.42	495.36	487.08	484.40	-	10.19	10.63	11.02	11.11	-
262	Paper mills, except building paper	452.93	503.13	492.35	488.85	-	10.11	10.57	10.99	11.06	-
263	Paperboard mills	446.61	490.82	483.56	475.73	-	10.22	10.78	11.09	11.21	-
264	Misc. converted paper products	314.00	317.38	333.28	336.15	-	7.68	7.78	8.27	8.30	-
2641	Paper coating and glazing	365.08	375.78	392.92	394.37	-	8.59	8.78	9.80	9.89	-
2642	Envelopes	288.05	281.90	296.78	305.47	-	7.06	7.03	7.57	7.53	-
2643	Bags, except textile bags	296.70	295.14	314.24	320.17	-	7.29	7.36	7.78	7.79	-
265	Paperboard containers and boxes	316.58	316.00	332.90	338.96	-	7.61	7.67	8.28	8.33	-
2651	Folding paperboard boxes	321.68	319.30	336.56	342.77	-	7.77	7.75	8.31	8.38	-
2653	Corrugated and solid fiber boxes	338.40	336.94	352.06	357.70	-	8.00	8.08	8.65	8.68	-
2654	Sanitary food containers	298.50	295.53	329.53	315.50	-	7.08	7.07	7.82	7.70	-
27	PRINTING AND PUBLISHING	309.38	313.04	322.51	326.11	330.95	8.25	8.37	8.78	8.79	8.87
271	Newspapers	282.74	291.88	298.92	298.48	-	8.39	8.61	8.91	8.91	-
272	Periodicals	290.63	288.53	322.58	341.86	-	7.75	7.69	8.91	9.03	-
273	Books	294.52	295.22	299.89	311.81	-	7.63	7.81	8.08	8.17	-
2731	Book publishing	284.93	283.02	288.77	301.34	-	7.42	7.67	7.89	7.91	-
2732	Book printing	305.75	308.46	313.24	322.62	-	7.86	7.95	8.20	8.32	-
274	Miscellaneous publishing	274.54	273.78	292.88	303.69	-	7.40	7.46	7.81	8.12	-
275	Commercial printing	333.68	336.30	345.85	351.12	-	8.60	8.69	9.03	9.12	-
2751	Commercial printing, letterpress	308.77	312.48	325.18	332.54	-	8.02	8.18	8.58	8.66	-
2752	Commercial printing, lithographic	345.15	347.88	352.90	355.97	-	8.85	8.92	9.19	9.22	-
276	Manifold business forms	330.89	331.17	343.69	344.47	-	8.17	8.30	8.79	8.81	-
278	Blankbooks and bookbinding	240.14	245.12	258.10	258.10	-	6.27	6.40	6.81	6.81	-
279	Printing trade services	392.43	393.74	404.74	409.73	*	-	10.30	10.27	10.54	10.61	-
28	CHEMICALS AND ALLIED PRODUCTS	380.47	395.68	407.81	406.41	421.26	9.19	9.38	10.02	10.01	10.30
281	Industrial inorganic chemicals	425.60	447.32	449.15	447.33	-	10.33	10.55	11.09	11.15	-
2819	Industrial inorganic chemicals, nec	424.73	449.01	450.64	450.87	-	10.41	10.68	11.21	11.30	-
282	Plastics materials and synthetics	379.61	406.09	357.39	395.78	-	9.06	9.35	9.91	9.93	-
2821	Plastics materials and resins	415.38	439.75	439.85	436.11	-	9.89	10.08	10.65	10.71	-
2824	Organic fibers, noncellulosic	360.32	387.63	372.33	372.56	-	8.62	8.77	9.45	9.39	-
283	Drugs	340.30	350.99	366.43	368.04	-	8.30	8.54	9.07	9.11	-
2834	Pharmaceutical preparations	322.40	331.68	347.69	352.63	-	8.06	8.21	8.78	8.86	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Aug. 1981	Sept. 1981	July 1982	Aug. 1982p	Sept. 1982p	Aug. 1981	Sept. 1981	July 1982	Aug. 1982p	Sept. 1982p
	TEXTILE MILL PRODUCTS—Continued										
2251	Women's hosiery, except socks	38.0	36.4	37.9	37.5	-	2.3	2.0	1.9	2.0	-
2252	Hosiery, nec	38.1	36.6	36.8	37.3	-	2.2	1.8	1.9	1.7	-
2253	Knit outerwear mills	38.2	36.5	37.1	37.7	-	2.4	1.9	1.8	2.2	-
2254	Knit underwear mills	36.7	35.5	36.7	36.9	-	1.4	1.6	.7	.9	-
2257	Circular knit fabric mills	38.9	38.6	37.9	39.1	-	2.4	1.6	1.7	3.0	-
226	Textile finishing, except wool	40.5	39.4	37.6	38.5	-	3.6	3.2	1.7	2.1	-
2261	Finishing plants, cotton	40.2	39.9	38.4	38.5	-	3.3	3.3	1.5	2.0	-
2262	Finishing plants, synthetics	41.1	38.6	35.6	38.0	-	4.0	3.0	1.8	2.8	-
227	Floor covering mills	39.9	38.4	37.8	38.7	-	3.7	2.9	2.0	2.3	-
228	Yarn and thread mills	39.4	38.7	37.1	38.2	-	2.9	2.9	2.0	2.6	-
2281	Yarn mills, except wool	39.5	38.5	37.2	38.4	-	3.1	2.8	2.0	2.4	-
2282	Throwing and winding mills	38.6	39.3	36.3	37.7	-	2.7	3.5	1.8	2.8	-
229	Miscellaneous textile goods	41.4	40.6	39.5	40.2	-	3.8	3.3	2.1	2.8	-
23	**APPAREL AND OTHER TEXTILE PRODUCTS**	36.3	37.2	35.4	35.3	36.9	1.3	1.1	.9	1.0	-
231	Men's and boys' suits and coats	36.5	36.2	35.5	36.7	-	.8	.8	.6	.8	-
232	Men's and boys' furnishings	37.2	36.0	36.4	36.1	-	1.1	.8	.9	.9	-
2321	Men's and boys' shirts and nightwear	37.1	35.0	36.3	35.7	-	1.0	.7	.9	1.1	-
2327	Men's and boys' separate trousers	36.8	36.5	35.8	35.6	-	1.1	.9	1.0	.9	-
2329	Men's and boys' work clothing	38.3	36.6	36.5	36.7	-	1.2	.9	1.1	1.0	-
233	Women's and misses' outerwear	34.2	32.7	33.6	33.5	-	1.1	.9	1.0	1.0	-
2331	Women's and misses' blouses and waists	34.6	33.5	35.1	34.1	-	1.1	.8	1.0	1.1	-
2335	Women's and misses' dresses	32.9	31.3	32.7	32.4	-	1.0	.8	1.0	.9	-
2337	Women's and misses' suits and coats	34.3	32.9	33.5	33.3	-	1.0	.9	.9	.9	-
2339	Women's and misses' outerwear, nec	35.2	33.8	34.1	34.3	-	1.2	.9	.9	1.0	-
234	Women's and children's undergarments	37.0	36.5	36.6	35.5	-	1.5	1.6	.7	.8	-
2341	Women's and children's underwear	37.1	36.8	36.8	35.8	-	1.5	1.6	.7	.8	-
2342	Brassieres and allied garments	36.3	35.2	33.6	34.1	-	1.5	1.5	.5	.6	-
238	Children's outerwear	36.3	35.8	36.0	35.1	-	1.8	1.2	1.0	1.3	-
2361	Children's dresses and blouses	35.9	35.1	35.7	34.8	-	1.3	1.2	1.1	1.3	-
238	Misc. apparel and accessories	37.3	36.5	35.9	36.0	-	1.6	1.8	.8	1.1	-
239	Misc. fabricated textile products	38.9	38.0	37.1	38.3	-	2.1	1.8	1.2	1.7	-
2391	Curtains and draperies	38.1	37.3	36.2	36.0	-	1.8	1.3	.6	.9	-
2392	House furnishings, nec	38.7	38.4	36.9	38.4	-	2.1	2.0	1.0	1.7	-
2396	Automotive and apparel trimmings	41.1	39.0	40.1	41.1	-	2.8	2.2	2.5	3.3	-
26	**PAPER AND ALLIED PRODUCTS**	42.4	43.2	41.6	41.7	41.7	4.5	5.6	4.0	4.0	-
261, 2, 6	Paper and pulp mills	44.3	46.6	44.2	43.6	-	6.2	8.9	5.9	5.6	-
262	Paper mills, except building paper	44.8	47.6	44.8	44.2	-	6.8	9.1	6.0	5.8	-
263	Paperboard mills	43.7	45.7	41.8	42.4	-	6.8	9.6	6.0	6.3	-
264	Misc. converted paper products	41.1	41.0	40.3	40.5	-	2.9	3.0	2.4	2.6	-
2641	Paper coating and glazing	42.5	42.8	41.8	41.6	-	3.2	3.3	2.2	2.3	-
2642	Envelopes	40.8	40.1	39.2	40.3	-	2.8	2.3	1.8	2.3	-
2643	Bags, except textile bags	40.7	40.1	40.6	41.1	-	3.0	3.2	2.6	2.9	-
265	Paperboard containers and boxes	41.6	41.2	40.8	40.7	-	3.8	3.7	3.1	3.3	-
2651	Folding paperboard boxes	41.4	41.2	40.5	41.1	-	3.9	3.6	3.0	3.0	-
2653	Corrugated and solid fiber boxes	42.3	41.7	40.7	41.4	-	4.3	4.3	3.5	3.9	-
2654	Sanitary food containers	42.4	41.8	41.5	40.5	-	3.5	3.1	3.3	2.6	-
27	**PRINTING AND PUBLISHING**	37.5	37.4	36.9	37.1	37.3	2.6	2.7	2.1	2.2	-
271	Newspapers	33.7	33.9	33.1	33.2	-	1.6	1.9	1.3	1.3	-
272	Periodicals	37.5	37.0	36.2	37.9	-	2.3	2.8	1.9	2.5	-
273	Books	38.6	37.8	37.3	38.4	-	2.5	2.1	1.7	2.1	-
2731	Book publishing	38.4	36.9	36.6	38.0	-	1.7	1.7	.9	1.5	-
2732	Book printing	38.9	38.8	38.2	38.8	-	3.4	3.4	2.6	3.2	-
274	Miscellaneous publishing	37.1	36.7	37.5	37.4	-	2.0	2.1	1.3	1.7	-
275	Commercial printing	38.8	38.7	38.3	38.5	-	3.1	3.3	2.5	2.8	-
2751	Commercial printing, letterpress	38.5	38.2	37.9	38.4	-	2.3	2.7	2.1	2.4	-
2752	Commercial printing, lithographic	39.0	39.0	38.4	38.8	-	3.5	3.7	2.5	2.9	-
276	Manifold business forms	40.5	39.9	39.1	39.1	-	3.2	3.4	2.3	2.1	-
278	Blankbooks and bookbinding	38.3	38.3	37.9	37.9	-	1.6	1.8	1.3	1.4	-
279	Printing trade service	38.1	38.3	38.4	38.4	-	3.4	3.6	3.6	3.8	-
28	**CHEMICALS AND ALLIED PRODUCTS**	41.4	42.2	40.7	40.6	41.3	3.3	3.7	2.7	2.7	-
281	Industrial inorganic chemicals	41.2	42.8	40.5	40.3	-	3.3	4.1	2.7	2.3	-
2819	Industrial inorganic chemicals, nec	40.8	42.2	40.2	39.9	-	3.1	4.1	2.8	2.0	-
282	Plastics materials and synthetics	41.9	43.9	40.1	40.3	-	3.6	4.1	2.5	2.8	-
2821	Plastics materials and resins	42.0	43.8	41.3	41.0	-	4.4	5.2	3.4	3.1	-
2824	Organic fibers, noncellulosic	41.8	44.2	39.4	39.3	-	3.2	3.7	1.7	1.5	-
283	Drugs	41.0	41.1	40.4	40.4	-	2.7	3.2	2.4	2.6	-
2834	Pharmaceutical preparations	40.0	40.4	39.6	39.9	-	2.7	3.1	2.4	2.6	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Aug. 1981	Sept. 1981	July 1982	Aug. 1982P	Sept. 1982P	Aug. 1981	Sept. 1981	July 1982	Aug. 1982P	Sept. 1982P
	CHEMICALS AND ALLIED PRODUCTS—Cont'd										
284	Soap, cleaners, and toilet goods	$339.76	$342.50	$368.55	$377.39	-	$8.41	$8.52	$9.10	$9.16	-
2841	Soap and other detergents	461.49	469.11	499.73	512.46	-	10.91	11.09	11.87	11.89	-
2844	Toilet preparations	251.55	250.89	285.32	292.80	-	6.50	6.61	7.26	7.31	-
2842, 3	Polishing, sanitation, and finishing preparations	347.30	348.76	357.82	360.33	-	8.45	8.45	8.77	8.81	-
285	Paints and allied products	324.81	326.40	355.20	349.67	-	8.10	8.16	8.88	8.87	-
286	Industrial organic chemicals	457.69	481.14	504.00	491.88	-	10.82	11.01	12.00	11.91	-
2865	Cyclic crudes and intermediates	421.82	447.20	479.55	463.32	-	10.14	10.40	11.50	11.38	-
2861, 9	Gum, wood, and industrial organic chemicals, nec	470.73	493.68	511.94	501.70	-	11.05	11.22	12.16	12.06	-
287	Agricultural chemicals	383.66	395.54	410.18	403.44	-	9.07	9.22	9.86	9.98	-
289	Miscellaneous chemical products	346.42	357.25	375.19	368.15	-	8.87	8.65	9.31	9.25	-
29	PETROLEUM AND COAL PRODUCTS	486.76	512.82	546.48	549.32	$557.66	11.32	11.55	12.42	12.80	$12.96
291	Petroleum refining	520.99	551.82	589.18	590.96	-	12.06	12.29	13.36	13.38	-
295	Paving and roofing materials	387.10	388.67	425.70	440.72	-	8.94	9.06	9.46	9.56	-
30	RUBBER AND MISC. PLASTICS PRODUCTS	292.09	289.41	302.94	303.31	305.73	7.23	7.29	7.65	7.68	7.78
301	Tires and inner tubes	474.24	468.62	473.80	468.73	-	11.40	11.36	11.67	11.66	-
302	Rubber and plastics footwear	175.96	168.70	184.18	185.88	-	3.73	3.82	3.95	3.97	-
303, 4	Reclaimed rubber, and rubber and plastics hose and belting	327.54	322.00	325.19	321.19	-	7.95	8.05	8.15	8.07	-
306	Fabricated rubber products, nec	271.88	271.26	287.73	289.48	-	6.78	6.85	7.34	7.31	-
307	Miscellaneous plastics products	265.58	268.67	277.29	278.69	-	6.59	6.65	7.02	7.02	-
31	LEATHER AND LEATHER PRODUCTS	183.39	183.24	191.33	194.21	192.77	4.97	5.09	5.30	5.35	5.43
311	Leather tanning and finishing	261.62	259.20	275.41	282.43	-	6.59	6.75	7.08	7.15	-
314	Footwear, except rubber	174.36	173.73	181.20	188.53	-	4.79	4.88	5.09	5.19	-
3143	Men's footwear, except athletic	185.87	187.98	185.33	193.67	-	5.01	5.15	5.29	5.35	-
3144	Women's footwear, except athletic	167.08	164.38	180.64	180.79	-	4.68	4.71	5.06	5.05	-
316	Luggage	197.84	199.29	196.06	215.80	-	5.22	5.49	5.65	5.77	-
317	Handbags and personal leather goods	173.43	171.72	183.00	179.69	-	4.70	4.81	4.88	4.95	-
	TRANSPORTATION AND PUBLIC UTILITIES	389.87	390.04	403.37	409.11	410.03	9.87	9.95	10.29	10.31	10.36
	RAILROAD TRANSPORTATION										
4011	Class I railroads[1]	447.72	462.21	485.83	-	-	10.66	10.65	11.54	-	-
41	LOCAL AND INTERURBAN PASSENGER TRANSIT	268.05	225.77	270.47	276.40	-	7.11	6.78	7.81	7.85	-
411	Local and suburban transportation	295.32	292.59	309.23	309.60	-	7.31	7.37	7.75	7.78	-
413	Intercity highway transportation	429.75	400.00	442.23	446.25	-	11.25	10.84	11.92	11.99	-
42	TRUCKING AND WAREHOUSING	393.61	389.05	393.38	358.22	-	9.99	10.08	10.27	10.20	-
421, 3	Trucking and trucking terminals	403.30	397.58	401.00	406.35	-	10.21	10.30	10.47	10.50	-
422	Public warehousing	269.40	267.40	289.09	280.32	-	6.89	7.00	7.47	7.30	-
46	PIPE LINES, EXCEPT NATURAL GAS	482.72	502.14	543.52	534.66	-	11.20	11.57	12.68	12.77	-
48	COMMUNICATION	393.20	405.02	395.60	409.76	-	9.83	10.05	9.99	10.30	-
481	Telephone communication	413.70	426.13	416.00	435.41	-	10.28	10.47	10.40	10.98	-
4817	Switchboard operating employees[1]	284.97	308.38	301.53	313.58	-	8.26	8.59	8.78	8.95	-
4818	Line construction employees[1]	524.92	542.01	512.40	545.27	-	11.93	12.18	12.00	12.78	-
483	Radio and television broadcasting	314.12	329.61	321.58	321.86	-	8.31	8.52	8.53	8.56	-
49	ELECTRIC, GAS, AND SANITARY SERVICES	410.18	417.13	443.81	443.62	-	9.98	10.10	10.72	10.92	-
491	Electric services	418.74	424.32	456.87	452.50	-	10.09	10.20	10.93	10.93	-
492	Gas production and distribution	369.77	377.58	393.98	393.78	-	9.13	9.30	9.68	9.97	-
493	Combination utility services	462.89	470.72	500.14	511.29	-	11.29	11.37	12.11	12.41	-
495	Sanitary services	323.14	341.40	352.19	357.28	-	7.92	8.09	8.59	8.63	-
	WHOLESALE AND RETAIL TRADE	194.83	198.49	202.85	202.77	200.93	5.94	6.08	6.21	6.23	6.18
50, 51	WHOLESALE TRADE	296.06	296.45	312.31	312.66	311.00	7.65	7.70	8.07	8.10	8.10
50	WHOLESALE TRADE DURABLE GOODS	298.72	297.22	312.00	313.17	-	7.68	7.68	8.00	8.03	-
501	Motor vehicles and automotive equipment	272.69	268.66	279.03	279.08	-	7.01	7.01	7.21	7.23	-
502	Furniture and home furnishings	261.85	264.46	275.28	280.48	-	7.02	7.09	7.40	7.47	-
503	Lumber and construction materials	312.84	306.58	312.42	308.87	-	7.94	7.82	7.97	7.98	-
504	Sporting goods, toys, and hobby goods	299.30	302.73	323.76	332.35	-	7.96	8.03	8.52	8.61	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Aug. 1981	Sept. 1981	July 1982	Aug. 1982P	Sept. 1982P	Aug. 1981	Sept. 1981	July 1982	Aug. 1982P	Sept. 1982P
	CHEMICALS AND ALLIED PRODUCTS—Cont'd										
284	Soap, cleaners, and toilet goods	40.4	40.2	40.5	41.2	-	3.2	3.0	2.5	3.1	-
2841	Soap and other detergents	42.3	42.3	42.1	43.1	-	4.4	4.1	3.8	4.4	-
2844	Toilet preparations	38.7	38.5	39.3	40.0	-	2.3	2.1	1.8	2.4	-
2842, 3	Polishing, sanitation, and finishing preparations	41.1	40.8	40.8	40.9	-	3.2	3.3	2.1	3.0	-
285	Paints and allied products	40.1	40.0	40.0	39.6	-	2.7	2.6	2.6	2.2	-
286	Industrial organic chemicals	42.3	43.7	42.0	41.3	-	3.8	4.2	3.2	2.7	-
2865	Cyclic crudes and intermediates	41.6	42.0	41.7	40.5	-	3.4	4.1	2.4	2.4	-
2861, 9	Gum, wood, and industrial organic chemicals, nec	42.6	44.0	42.1	41.6	-	3.0	4.3	3.0	2.9	-
287	Agricultural chemicals	42.3	42.9	41.6	41.0	-	4.0	4.4	3.5	3.1	-
289	Miscellaneous chemical products	40.9	41.3	40.3	39.8	-	3.0	3.3	2.4	2.3	-
29	PETROLEUM AND COAL PRODUCTS	43.0	44.4	44.0	44.3	44.4	3.8	4.1	4.1	4.3	-
291	Petroleum refining	43.2	44.9	44.1	44.3	-	3.4	3.9	3.8	3.6	-
295	Paving and roofing materials	43.3	42.9	45.0	46.1	-	5.9	5.6	7.6	8.1	-
30	RUBBER AND MISC. PLASTICS PRODUCTS	40.4	39.7	39.6	39.7	39.5	3.2	3.1	2.7	3.0	-
301	Tires and inner tubes	41.6	40.9	43.6	40.2	-	3.7	3.0	3.4	3.3	-
302	Rubber and plastics footwear	37.2	35.0	37.2	37.4	-	2.0	1.4	1.4	1.3	-
303, 4	Reclaimed rubber, and rubber and plastics hose and belting	41.2	40.0	39.9	39.8	-	3.1	2.8	2.9	3.1	-
306	Fabricated rubber products, nec	40.1	39.6	39.2	39.6	-	2.7	2.7	2.4	2.3	-
307	Miscellaneous plastics products	40.3	39.8	39.5	39.7	-	3.2	3.3	2.7	2.9	-
31	LEATHER AND LEATHER PRODUCTS	36.9	36.0	36.1	36.3	35.5	1.5	1.3	1.2	1.3	-
311	Leather tanning and finishing	39.7	38.8	38.9	39.5	-	2.9	2.3	2.0	2.5	-
314	Footwear, except rubber	36.4	35.6	35.6	35.5	-	1.2	.9	1.1	1.2	-
3143	Men's footwear, except athletic	37.1	36.5	35.1	36.2	-	1.3	.9	.8	.9	-
3144	Women's footwear, except athletic	35.7	34.9	35.7	35.0	-	1.2	1.0	1.4	1.3	-
316	Luggage	37.9	36.3	34.7	37.4	-	1.3	1.2	1.0	1.4	-
317	Handbags and personal leather goods	36.9	35.7	37.5	36.3	-	1.9	1.8	1.5	.9	-
—	TRANSPORTATION AND PUBLIC UTILITIES	39.5	39.2	39.2	39.3	39.2	-	-	-	-	-
	RAILROAD TRANSPORTATION										
4011	Class I railroads[3]	42.0	43.4	42.1	-	-	-	-	-	-	-
41	LOCAL AND INTERURBAN PASSENGER TRANSIT	37.7	33.3	36.5	37.1	-	-	-	-	-	-
411	Local and suburban transportation	40.4	35.7	39.9	40.0	-	-	-	-	-	-
413	Intercity highway transportation	38.2	36.9	37.1	37.5	-	-	-	-	-	-
42	TRUCKING AND WAREHOUSING	39.4	38.6	38.3	38.7	-	-	-	-	-	-
421, 3	Trucking and trucking terminals	39.5	38.6	38.3	38.7	-	-	-	-	-	-
422	Public warehousing	39.1	38.2	36.7	38.4	-	-	-	-	-	-
46	PIPE LINES, EXCEPT NATURAL GAS	43.1	43.4	43.0	42.0	-	-	-	-	-	-
48	COMMUNICATION	40.0	40.3	39.6	39.4	-	-	-	-	-	-
481	Telephone communication	40.4	40.7	40.0	39.8	-	-	-	-	-	-
4811	Switchboard operating employees	34.5	35.9	34.5	33.9	-	-	-	-	-	-
4818	Line construction employees[4]	44.0	44.5	42.7	42.8	-	-	-	-	-	-
483	Radio and television broadcasting	37.8	38.1	37.7	37.6	-	-	-	-	-	-
49	ELECTRIC, GAS, AND SANITARY SERVICES	41.1	41.3	41.4	41.0	-	-	-	-	-	-
491	Electric services	41.5	41.6	41.8	41.4	-	-	-	-	-	-
492	Gas production and distribution	40.5	40.6	40.7	40.1	-	-	-	-	-	-
493	Combination utility services	41.0	41.4	41.3	41.2	-	-	-	-	-	-
495	Sanitary services	40.8	42.2	41.0	41.4	-	-	-	-	-	-
—	WHOLESALE AND RETAIL TRADE	32.8	32.2	32.6	32.6	32.2	-	-	-	-	-
50, 51	WHOLESALE TRADE	38.7	38.5	38.7	38.6	38.3	-	-	-	-	-
50	WHOLESALE TRADE DURABLE GOODS	39.1	38.7	39.0	39.0	-	-	-	-	-	-
501	Motor vehicles and automotive equipment	38.9	38.0	38.7	38.6	-	-	-	-	-	-
502	Furniture and home furnishings	37.3	37.3	37.2	37.8	-	-	-	-	-	-
503	Lumber and construction materials	39.4	39.2	39.2	38.9	-	-	-	-	-	-
504	Sporting goods, toys, and hobby goods	37.6	37.7	38.0	38.6	-	-	-	-	-	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry – Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Aug. 1981	Sept. 1981	July 1982	Aug. 1982p	Sept. 1982p	Aug. 1981	Sept. 1981	July 1982	Aug. 1982p	Sept. 1982p
	WHOLESALE TRADE DURABLE GOODS—Continued										
505	Metals and minerals, except petroleum	$350.06	$348.38	$353.47	$358.02	-	$8.84	$8.81	$8.91	$8.91	-
506	Electrical goods	316.61	315.79	340.16	341.99	-	8.16	8.16	8.59	8.60	-
507	Hardware, plumbing, and heating equipment	276.83	277.59	290.25	291.75	-	7.08	7.21	7.50	7.50	-
508	Machinery, equipment, and supplies	309.68	308.11	324.25	324.62	-	7.88	7.88	8.23	8.26	-
509	Miscellaneous durable goods	243.04	242.08	250.42	249.25	-	6.28	6.32	6.66	6.61	-
51	WHOLESALE TRADE NONDURABLE GOODS	291.46	293.75	312.09	311.22	-	7.67	7.71	8.17	8.19	-
511	Paper and paper products	319.50	319.68	329.25	329.63	-	8.50	8.59	8.78	8.78	-
512	Drugs, proprietaries, and sundries	306.90	307.56	334.80	335.63	-	8.25	8.29	8.87	8.91	-
513	Apparel, piece goods, and notions	252.59	250.83	268.63	275.26	-	6.70	6.75	7.18	7.30	-
514	Groceries and related products	292.61	296.63	313.86	315.65	-	7.66	7.73	8.11	8.21	-
516	Chemicals and allied products	350.29	353.90	377.13	371.91	-	9.07	9.10	9.67	9.61	-
517	Petroleum and petroleum products	362.46	370.12	384.97	382.14	-	9.13	9.23	9.67	9.65	-
518	Beer, wine, and distilled beverages	333.37	332.63	357.93	355.75	-	9.01	8.99	9.70	9.72	-
519	Miscellaneous nondurable goods	239.23	241.08	253.75	255.08	-	6.23	6.31	6.66	6.66	-
5259	RETAIL TRADE	162.23	162.17	168.24	168.28	$168.65	5.35	5.37	5.48	5.49	$5.50
52	BUILDING MATERIALS AND GARDEN SUPPLIES	216.00	214.97	229.32	223.01	-	5.76	5.81	6.03	6.05	-
521	Lumber and other building materials	235.59	238.30	241.88	240.38	-	6.01	6.03	6.25	6.28	-
525	Hardware stores	175.58	174.28	18..28	181.82	-	5.06	5.08	5.35	5.37	-
53	GENERAL MERCHANDISE STORES	154.28	161.80	161.76	161.22	-	5.16	5.34	5.41	5.41	-
531	Department stores	159.13	167.81	167.44	166.91	-	5.38	5.52	5.60	5.62	-
533	Variety stores	125.04	128.04	130.52	126.00	-	4.29	4.40	4.38	4.33	-
539	Misc. general merchandise stores	132.25	130.16	135.60	134.42	-	4.38	4.31	4.36	4.35	-
54	FOOD STORES	219.74	225.18	231.15	229.01	-	6.91	7.17	7.37	7.37	-
541	Grocery stores	229.12	235.51	241.28	238.58	-	7.16	7.43	7.64	7.66	-
546	Retail bakeries	145.53	141.58	147.21	149.30	-	4.90	4.93	4.99	5.01	-
55	AUTOMOTIVE DEALERS AND SERVICE STATIONS	234.46	229.02	239.18	237.51	-	6.17	6.14	6.30	6.33	-
551, 2	New and used car dealers	277.59	269.92	278.89	280.08	-	7.21	7.09	7.32	7.35	-
553	Auto and home supply stores	231.74	227.77	247.66	247.81	-	5.68	5.68	6.07	6.01	-
554	Gasoline service stations	175.21	171.42	181.44	180.07	-	4.84	4.87	5.04	5.03	-
56	APPAREL AND ACCESSORY STORES	136.16	136.80	141.03	139.97	-	3.60	3.75	3.86	3.81	-
561	Men's and boys' clothing and furnishings	168.68	167.77	177.29	172.80	-	5.15	5.36	5.54	5.50	-
562	Women's ready-to-wear stores	122.82	122.16	127.75	124.92	-	4.18	4.41	4.51	4.59	-
565	Family clothing stores	132.73	130.75	142.59	141.12	-	4.53	4.62	4.85	4.83	-
566	Shoe stores	138.82	137.39	142.03	144.58	-	4.69	5.10	4.98	4.95	-
57	FURNITURE AND HOME FURNISHINGS STORES	210.14	209.50	215.90	217.63	-	5.97	6.02	6.24	6.25	-
571	Furniture and home furnishings stores	210.70	210.63	214.09	216.49	-	6.02	6.07	6.26	6.33	-
572	Household appliance stores	221.08	221.79	231.66	231.38	-	6.21	6.23	6.60	6.59	-
573	Radio, television, and music stores	202.00	200.33	209.90	212.85	-	5.69	5.79	5.98	6.03	-
58	EATING AND DRINKING PLACES	107.29	103.88	109.89	111.38	-	3.93	3.88	4.07	4.08	-
59	MISCELLANEOUS RETAIL	163.01	161.41	169.91	171.40	-	5.11	5.19	5.36	5.39	-
591	Drug stores and proprietary stores	142.03	143.66	151.68	151.85	-	4.75	4.82	5.09	5.13	-
594	Miscellaneous shopping goods stores	150.10	146.17	155.06	155.83	-	4.75	4.66	4.97	4.95	-
596	Nonstore retailers	198.58	195.87	204.27	207.11	-	5.91	5.87	6.19	6.23	-
598	Fuel and ice dealers	259.46	259.62	270.51	267.25	-	6.81	6.85	7.10	7.03	-
599	Retail stores, nec	170.17	168.43	179.40	185.90	-	5.22	5.23	5.43	5.53	-
	FINANCE, INSURANCE, AND REAL ESTATE[1]	232.23	230.04	245.46	249.02	247.71	6.38	6.39	6.78	6.86	6.80
60	BANKING	200.75	197.29	213.59	216.75	-	5.87	5.85	5.92	5.99	-
602	Commercial and stock savings banks	197.98	194.39	209.39	211.84	-	5.78	5.73	5.89	5.91	-
61	CREDIT AGENCIES OTHER THAN BANKS	210.73	206.79	220.78	225.83	-	5.68	5.65	6.03	6.12	-
612	Savings and loan associations	193.98	190.84	200.63	205.62	-	5.39	5.29	5.62	5.69	-
614	Personal credit institutions	211.86	207.75	224.55	228.89	-	5.68	5.63	6.09	6.19	-
63	INSURANCE CARRIERS	266.70	266.39	283.79	286.81	-	7.15	7.19	7.67	7.71	-
631	Life insurance	284.26	281.09	290.12	292.63	-	7.56	7.61	7.82	7.84	-
632	Medical service and health insurance	247.03	249.38	270.46	274.13	-	6.67	6.58	7.28	7.37	-
633	Fire, marine, and casualty insurance	255.39	254.37	261.12	262.46	-	6.88	6.85	7.04	7.11	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry – Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Aug. 1981	Sept. 1981	July 1982	Aug. 1982p	Sept. 1982p	Aug. 1981	Sept. 1981	July 1982	Aug. 1982p	Sept. 1982p
	WHOLESALE TRADE DURABLE GOODS—Continued										
505	Metals and minerals, except petroleum	39.6	39.1	38.8	39.3	-	-	-	-	-	-
506	Electrical goods	38.8	38.7	39.6	39.4	-	-	-	-	-	-
507	Hardware, plumbing, and heating equipment	39.1	38.9	38.7	38.9	-	-	-	-	-	-
508	Machinery, equipment, and supplies	39.5	39.1	39.4	39.3	-	-	-	-	-	-
509	Miscellaneous durable goods	38.7	38.3	37.6	37.6	-	-	-	-	-	-
51	WHOLESALE TRADE NONDURABLE GOODS	38.0	38.1	38.2	38.0	-	-	-	-	-	-
511	Paper and paper products	37.0	36.8	37.5	37.5	-	-	-	-	-	-
512	Drugs, proprietaries, and sundries	37.2	37.1	37.7	37.5	-	-	-	-	-	-
513	Apparel, piece goods, and notions	37.2	37.1	36.4	36.8	-	-	-	-	-	-
514	Groceries and related products	38.2	38.4	38.7	38.4	-	-	-	-	-	-
516	Chemicals and allied products	38.7	38.9	39.0	38.7	-	-	-	-	-	-
517	Petroleum and petroleum products	39.7	40.1	39.8	39.6	-	-	-	-	-	-
518	Beer, wine, and distilled beverages	37.0	37.0	36.5	36.6	-	-	-	-	-	-
519	Miscellaneous nondurable goods	38.4	38.2	38.1	38.7	-	-	-	-	-	-
52-59	RETAIL TRADE	30.9	30.2	30.7	30.7	30.3	-	-	-	-	-
52	BUILDING MATERIALS AND GARDEN SUPPLIES	37.5	37.0	37.2	36.8	-	-	-	-	-	-
521	Lumber and other building materials	39.2	38.6	38.7	38.4	-	-	-	-	-	-
525	Hardware stores	34.7	34.3	35.1	34.5	-	-	-	-	-	-
53	GENERAL MERCHANDISE STORES	29.9	30.1	29.9	29.8	-	-	-	-	-	-
531	Department stores	29.8	30.4	29.9	29.7	-	-	-	-	-	-
533	Variety stores	29.7	29.1	29.8	30.0	-	-	-	-	-	-
539	Misc. general merchandise stores	30.9	30.2	31.1	30.9	-	-	-	-	-	-
54	FOOD STORES	31.8	31.4	31.8	31.5	-	-	-	-	-	-
541	Grocery stores	32.0	31.7	32.0	31.6	-	-	-	-	-	-
546	Retail bakeries	29.7	28.8	29.6	29.8	-	-	-	-	-	-
55	AUTOMOTIVE DEALERS AND SERVICE STATIONS	38.0	37.3	37.9	37.7	-	-	-	-	-	-
551, 2	New and used car dealers	38.5	38.0	38.1	38.1	-	-	-	-	-	-
553	Auto and home supply stores	40.8	40.1	40.8	41.1	-	-	-	-	-	-
554	Gasoline service stations	36.2	35.2	36.0	35.8	-	-	-	-	-	-
56	APPAREL AND ACCESSORY STORES	29.6	28.8	29.1	29.1	-	-	-	-	-	-
561	Men's and boys' clothing and furnishings	32.5	31.3	32.0	32.0	-	-	-	-	-	-
562	Women's ready-to-wear stores	28.3	27.7	28.2	27.8	-	-	-	-	-	-
565	Family clothing stores	29.3	28.3	29.4	29.4	-	-	-	-	-	-
566	Shoe stores	29.6	28.9	28.6	29.2	-	-	-	-	-	-
57	FURNITURE AND HOME FURNISHINGS STORES	35.2	34.8	34.6	34.6	-	-	-	-	-	-
571	Furniture and home furnishings stores	35.0	34.7	34.2	34.2	-	-	-	-	-	-
572	Household appliance stores	35.6	35.6	35.4	35.7	-	-	-	-	-	-
573	Radio, television, and music stores	35.5	34.6	35.1	35.0	-	-	-	-	-	-
58	EATING AND DRINKING PLACES	27.3	26.1	27.0	27.3	-	-	-	-	-	-
59	MISCELLANEOUS RETAIL	31.9	31.1	31.7	31.6	-	-	-	-	-	-
591	Drug stores and proprietary stores	29.9	29.2	29.8	29.6	-	-	-	-	-	-
594	Miscellaneous shopping goods stores	31.6	31.2	31.2	31.4	-	-	-	-	-	-
596	Nonstore retailers	33.6	33.3	33.0	33.3	-	-	-	-	-	-
598	Fuel and ice dealers	38.1	37.9	38.1	37.8	-	-	-	-	-	-
599	Retail stores, nec	32.6	32.3	33.1	33.6	-	-	-	-	-	-
	FINANCE, INSURANCE, AND REAL ESTATE	36.4	36.0	36.2	36.3	35.9	-	-	-	-	-
60	BANKING	36.7	36.2	36.7	36.8	-	-	-	-	-	-
602	Commercial and stock savings banks	36.8	36.2	36.8	36.9	-	-	-	-	-	-
61	CREDIT AGENCIES OTHER THAN BANKS	37.1	36.6	36.6	36.5	-	-	-	-	-	-
612	Savings and loan associations	36.6	36.0	35.7	36.2	-	-	-	-	-	-
614	Personal credit institutions	37.3	36.9	37.3	37.4	-	-	-	-	-	-
63	INSURANCE CARRIERS	37.3	37.1	37.0	37.2	-	-	-	-	-	-
631	Life insurance	37.6	37.2	37.1	37.3	-	-	-	-	-	-
632	Medical service and health insurance	37.6	37.5	37.1	37.5	-	-	-	-	-	-
633	Fire, marine, and casualty insurance	36.8	36.6	36.7	36.7	-	-	-	-	-	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Aug. 1981	Sept. 1981	July 1982	Aug. 1982[p]	Sept. 1982[p]	Aug. 1981	Sept. 1981	July 1982	Aug. 1982[p]	Sept. 1982[p]
	SERVICES	$210.89	$211.25	$227.40	$228.06	$228.25	$6.41	$6.52	$6.87	$6.89	$6.87
	HOTELS AND OTHER LODGING PLACES										
701	Hotels, motels, and tourist courts[2]	151.05	148.96	153.50	155.18	-	4.75	4.90	4.92	4.98	-
	PERSONAL SERVICES										
721	Laundry, cleaning, and garment services	162.32	165.66	171.83	172.49	-	4.86	4.96	5.16	5.18	-
723	Beauty shops[3]	140.87	138.70	160.68	156.06	-	4.68	4.67	5.41	5.28	-
73	**BUSINESS SERVICES**	216.48	213.16	230.96	232.27	-	6.58	6.62	7.02	7.06	-
731	Advertising	319.97	307.65	331.72	337.59	-	9.09	8.74	9.24	9.41	-
734	Services to buildings	147.15	147.40	154.94	154.68	-	5.43	5.50	5.76	5.75	-
737	Computer and data processing services	304.94	301.55	316.11	323.39	-	8.11	8.15	8.59	8.67	-
75	**AUTO REPAIR, SERVICES, AND GARAGES**	250.68	247.21	255.56	254.51	-	6.51	6.58	6.69	6.69	-
753	Automotive repair shops	276.01	273.15	282.57	280.02	-	6.97	7.04	7.19	7.19	-
76	**MISCELLANEOUS REPAIR SERVICES**	302.22	303.42	312.39	308.77	-	7.69	7.82	8.01	8.02	-
78	**MOTION PICTURES**										
781	Motion picture production and services	205.34	217.85	231.83	234.38	-	7.36	8.19	8.25	8.11	-
		419.10	480.63	476.88	450.30	-	11.00	11.75	13.09	13.78	-
79	**AMUSEMENT AND RECREATION SERVICES**	185.15	186.36	188.88	182.21	-	5.75	6.11	5.89	5.77	-
80	**HEALTH SERVICES**	211.86	211.90	230.13	232.69	-	6.42	6.48	7.01	7.13	-
801	Offices of physicians	211.88	211.86	218.20	219.10	-	6.58	6.60	6.80	6.89	-
802	Offices of dentists	183.74	180.41	191.87	191.76	-	6.38	6.33	6.78	6.80	-
805	Nursing and personal care facilities	142.87	145.07	156.98	155.03	-	4.55	4.62	4.86	4.86	-
806	Hospitals	237.01	236.94	265.18	262.89	-	8.91	7.01	7.62	7.67	-
81	**LEGAL SERVICES**	284.20	278.17	305.99	306.75	-	8.31	8.11	8.79	8.88	-
89	**MISCELLANEOUS SERVICES**	363.47	360.81	358.09	404.56	-	9.54	9.52	10.26	10.80	-
891	Engineering and architectural services	396.47	394.88	431.74	437.27	-	10.14	10.23	10.93	11.37	-
893	Accounting, auditing, and bookkeeping	305.25	301.88	328.42	334.90	-	8.25	8.05	8.62	8.79	-

[1] For coverage of series, see footnote 1, table B-2.

[2] Beginning January 1978, data relate to line haul railroads with operating revenues of $50,000,000 or more.

[3] Data relate to employees in such occupations in the telephone industry as switchboard operators; service assistants; operating room instructors; and pay-station attendants. In 1977, such employees made up 20 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.

[4] Data relate to employees in such occupations in the telphone industry as central office craft persons; installation and exchange repair craft persons; line, cable and conduit craft persons; and laborers. In 1977, such employees made up 37 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.

[5] Money payments only; tips, not included.

[6] Data for nonoffice sales agents excluded from all series in this division.

- Data not available.

p = preliminary.

NOTE: Data from April 1981 forward are subject to revision when more recent benchmark data are introduced. See "Benchmark adjustment" in the Explanatory Notes of this publication.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Aug. 1981	Sept. 1981	July 1982	Aug. 1982P	Sept. 1982P	Aug. 1981	Sept. 1981	July 1982	Aug. 1982P	Sept. 1982P
	SERVICES	32.9	32.9	33.1	33.1	33.7	-	-	-	-	-
	HOTELS AND OTHER LODGING PLACES										
701	Hotels, motels, and tourist courts[5]	31.8	30.9	31.2	31.8	-	-	-	-	-	-
	PERSONAL SERVICES										
721	Laundry, cleaning, and garment services	33.4	33.4	33.3	33.3	-	-	-	-	-	-
723	Beauty shops[5]	30.1	29.7	29.7	29.5	-	-	-	-	-	-
73	BUSINESS SERVICES	32.9	32.2	32.5	32.9	-	-	-	-	-	-
731	Advertising	35.2	35.2	35.9	35.8	-	-	-	-	-	-
734	Services to buildings	27.1	26.8	26.9	26.9	-	-	-	-	-	-
737	Computer and data processing services	37.6	37.0	36.8	37.3	-	-	-	-	-	-
75	AUTO REPAIR, SERVICES, AND GARAGES	38.5	37.8	38.2	38.1	-	-	-	-	-	-
753	Automotive repair shops	39.6	38.8	39.3	39.0	-	-	-	-	-	-
76	MISCELLANEOUS REPAIR SERVICES	39.3	38.8	39.0	38.5	-	-	-	-	-	-
78	MOTION PICTURES	27.9	26.6	28.1	28.2	-	-	-	-	-	-
781	Motion picture production and services	38.1	37.5	36.8	37.6	-	-	-	-	-	-
79	AMUSEMENT AND RECREATION SERVICES	32.2	30.5	32.0	31.8	-	-	-	-	-	-
80	HEALTH SERVICES	33.0	32.7	33.4	33.1	-	-	-	-	-	-
801	Offices of physicians	32.2	32.1	32.1	31.8	-	-	-	-	-	-
802	Offices of dentists	28.8	28.5	28.3	28.2	-	-	-	-	-	-
805	Nursing and personal care facilities	31.4	31.4	32.3	31.9	-	-	-	-	-	-
806	Hospitals	34.3	33.8	34.8	34.5	-	-	-	-	-	-
81	LEGAL SERVICES	34.2	34.3	34.8	34.7	-	-	-	-	-	-
89	MISCELLANEOUS SERVICES	38.1	37.9	38.8	38.9	-	-	-	-	-	-
891	Engineering and architectural services	39.1	38.6	39.5	39.5	-	-	-	-	-	-
893	Accounting, auditing, and bookkeeping	37.0	37.9	38.1	38.1	-	-	-	-	-	-

C-3. Average hourly earnings excluding overtime of production workers on manufacturing payrolls by industry

Major industry group	Average hourly earnings excluding overtime[1]				
	Aug. 1981	Sept. 1981	July 1982	Aug. 1982p	Sept. 1982p
MANUFACTURING	$7.74	$7.87	$8.31	$8.26	$8.32
DURABLE GOODS					
Lumber and wood products	8.29	8.41	8.87	8.85	8.91
Furniture and fixtures	6.88	6.95	7.39	7.38	-
Stone, clay, and glass products	5.84	5.87	6.22	6.25	-
Primary metal industries	8.02	8.13	8.58	8.52	-
Fabricated metal products	10.58	10.78	11.08	11.21	-
Machinery, except electrical	7.97	8.06	8.63	8.63	-
Electric and electronic equipment	8.50	8.63	9.08	9.11	-
Transportation equipment	7.51	7.54	8.00	8.05	-
Instruments and related products	9.97	10.12	10.85	10.81	-
Miscellaneous manufacturing industries	7.35	7.37	8.16	8.29	-
	5.81	5.89	6.30	6.25	-
NONDURABLE GOODS					
Food and kindred products	6.96	7.08	7.53	7.48	7.55
Tobacco manufactures	7.12	7.18	7.52	7.49	-
Textile mill products	8.48	8.49	10.22	9.18	-
Apparel and other textile products	5.43	5.49	5.66	5.66	-
Paper and allied products	8.88	8.96	9.11	9.10	-
Printing and publishing	8.23	8.41	8.98	9.00	-
Chemicals and allied products	7.97	8.07	8.50	8.53	-
Petroleum and coal products	8.83	8.98	9.70	9.69	-
Rubber and misc. plastics products	10.85	11.08	11.87	11.82	-
Leather and leather products	6.96	7.01	7.80	7.38	-
	4.88	5.00	5.21	5.26	-

[1] Derived by assuming that overtime hours are paid at the rate of time and one-half.

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C-4. Gross average weekly earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division, in current and constant (1977) dollars

Industry	Aug. 1981	Sept. 1981	July 1982	Aug. 1982p	Sept. 1982p
TOTAL PRIVATE:					
Current dollars	$259.88	$256.74	$269.98	$270.69	$270.65
Constant (1977) dollars	170.64	168.88	167.90	168.03	-
MINING:					
Current dollars	447.38	450.85	463.68	462.40	$457.75
Constant (1977) dollars	293.70	293.14	288.36	287.03	-
CONSTRUCTION:					
Current dollars	408.41	356.31	438.14	436.58	$432.47
Constant (1977) dollars	268.16	257.68	272.48	270.97	-
MANUFACTURING:					
Current dollars	320.40	322.32	332.60	331.89	$333.29
Constant (1977) dollars	210.37	209.59	206.84	206.01	-
TRANSPORTATION AND PUBLIC UTILITIES:					
Current dollars	389.67	390.08	403.37	409.11	$410.03
Constant (1977) dollars	255.59	253.60	250.85	253.95	-
WHOLESALE AND RETAIL TRADE:					
Current dollars	194.83	194.49	202.45	202.77	$200.61
Constant (1977) dollars	127.53	126.46	125.90	125.87	-
FINANCE, INSURANCE, AND REAL ESTATE:					
Current dollars	232.23	230.08	245.88	249.02	$247.31
Constant (1977) dollars	152.88	149.59	152.68	154.59	-
SERVICES:					
Current dollars	210.89	211.25	227.80	228.06	$228.25
Constant (1977) dollars	138.47	137.35	141.42	141.56	-

[1] For coverage of series, see footnote 1, table B-2.

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C-5. Indexes of aggregate weekly hours and payrolls of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division and major manufacturing group

(1977=100)

Industry division and group	Aug. 1981	Sept. 1981	July 1982	Aug. 1982p	Sept. 1982p
	Hours				
TOTAL PRIVATE	110.4	109.0	106.2	106.0	105.0
GOODS-PRODUCING	103.7	102.8	91.5	91.7	91.9
MINING	145.6	145.0	126.2	123.7	120.1
CONSTRUCTION	118.4	111.5	111.1	110.7	107.3
MANUFACTURING	98.9	99.1	86.1	86.6	86.5
DURABLE GOODS	98.0	98.4	84.0	82.8	82.5
Lumber and wood products	91.7	87.6	81.3	82.5	81.8
Furniture and fixtures	98.2	96.8	82.6	84.6	84.8
Stone, clay, and glass products	94.5	93.1	82.2	82.4	82.6
Primary metal industries	91.8	93.3	67.8	66.0	65.4
Fabricated metal products	96.7	96.4	81.1	80.9	80.5
Machinery, except electrical	108.7	109.8	89.5	86.2	86.7
Electric and electronic equipment	105.5	106.1	98.4	93.6	94.1
Transportation equipment	85.8	88.7	80.0	78.7	78.6
Instruments and related products	114.0	113.7	104.6	105.1	103.6
Miscellaneous manufacturing industries	92.8	94.2	80.2	81.8	80.5
NONDURABLE GOODS	100.3	100.1	89.3	92.2	92.5
Food and kindred products	105.9	106.2	97.9	103.9	103.8
Tobacco manufactures	109.5	112.1	79.6	97.8	100.2
Textile mill products	89.7	87.8	72.2	75.5	76.1
Apparel and other textile products	96.9	95.0	80.9	85.7	85.9
Paper and allied products	100.2	102.4	91.7	92.2	93.2
Printing and publishing	106.8	107.2	108.2	108.9	109.9
Chemicals and allied products	101.5	103.4	93.9	93.8	95.5
Petroleum and coal products	105.8	107.4	98.5	98.6	101.3
Rubber and misc. plastics products	102.2	101.4	91.0	92.3	93.0
Leather and leather products	92.8	90.0	73.7	79.8	79.1
SERVICE-PRODUCING	114.1	112.5	114.3	113.9	112.5
TRANSPORTATION AND PUBLIC UTILITIES	105.9	106.1	102.2	101.9	100.8
WHOLESALE AND RETAIL TRADE	108.9	107.5	108.0	107.6	106.8
WHOLESALE TRADE	113.0	112.0	110.6	109.8	108.6
RETAIL TRADE	107.4	105.8	107.0	106.8	105.9
FINANCE, INSURANCE, AND REAL ESTATE	119.6	117.0	119.2	118.9	116.5
SERVICES	121.7	119.4	124.8	124.3	122.3

[1] For coverage of series, see footnote 1, table B-2.

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C-5. Indexes of aggregate weekly hours and payrolls of production or nonsupervisory workers' on private nonagricultural payrolls by industry division and major manufacturing group—Continued

(1977=100)

Industry division and group	Aug. 1981	Sept. 1981	July 1982	Aug. 1982p/	Sept. 1982p/
	Payrolls				
TOTAL PRIVATE	153.6	153.8	155.1	155.4	155.2
GOODS PRODUCING	147.1	147.5	138.5	138.5	139.0
MINING	212.4	214.3	198.1	194.0	190.8
CONSTRUCTION	159.5	152.4	158.2	158.5	157.1
MANUFACTURING	139.9	142.4	129.7	129.8	131.5
DURABLE GOODS	138.8	141.2	126.2	126.2	125.3
Lumber and wood products	128.3	123.1	121.9	123.4	123.0
Furniture and fixtures	135.5	134.1	120.7	130.4	130.0
Stone, clay, and glass products	136.9	136.7	126.4	126.5	128.5
Primary metal industries	136.3	141.4	103.5	102.7	100.5
Fabricated metal products	135.3	136.0	121.4	121.3	121.9
Machinery, except electrical	153.7	157.2	133.1	128.6	129.5
Electric and electronic equipment	151.2	152.6	103.2	103.0	105.2
Transportation equipment	122.2	127.7	123.4	114.7	114.7
Instruments and related products	162.6	163.1	168.3	167.8	165.5
Miscellaneous manufacturing industries	126.8	130.7	117.8	122.7	125.5
NONDURABLE GOODS	141.9	144.3	135.8	139.7	142.7
Food and kindred products	147.4	149.5	143.4	150.6	152.6
Tobacco manufactures	171.8	177.2	149.6	165.5	169.8
Textile mill products	127.2	125.3	105.2	110.2	111.5
Apparel and other textile products	132.6	132.0	114.5	122.5	122.6
Paper and allied products	145.7	153.7	144.8	146.1	150.4
Printing and publishing	143.9	146.5	148.7	150.7	153.5
Chemicals and allied products	145.0	150.7	146.2	145.9	151.3
Petroleum and coal products	153.0	158.4	156.2	156.2	163.1
Rubber and misc. plastics products	142.8	142.8	134.7	136.2	136.1
Leather and leather products	127.9	127.9	108.2	118.3	117.5
SERVICE PRODUCING	158.2	158.2	167.1	167.3	166.6
TRANSPORTATION AND PUBLIC UTILITIES	149.6	151.0	150.5	151.8	153.3
WHOLESALE AND RETAIL TRADE	153.3	151.8	156.9	156.5	155.2
WHOLESALE TRADE	160.4	159.8	165.5	164.9	163.1
RETAIL TRADE	146.4	147.5	152.3	151.9	150.7
FINANCE, INSURANCE, AND REAL ESTATE	168.0	168.6	177.9	178.6	177.0
SERVICES	167.8	167.4	188.4	194.1	193.5

C-6. Average weekly hours of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division and major manufacturing group, seasonally adjusted

Industry	1981				1982								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.p	Sept.p
TOTAL PRIVATE	35.0	35.1	35.1	35.0	34.4	35.0	34.9	34.9	35.0	34.9	34.9	34.8	34.9
MINING	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
CONSTRUCTION	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
MANUFACTURING	39.4	39.5	39.3	39.1	37.6	39.4	38.0	39.0	39.1	39.2	39.2	39.0	39.4
Overtime hours	2.7	2.7	2.5	2.4	2.3	2.4	2.3	2.4	2.3	2.4	2.4	2.4	2.5
DURABLE GOODS	39.7	40.0	39.7	39.5	38.2	39.8	38.5	39.5	39.6	39.7	39.7	39.8	39.9
Overtime hours	2.7	2.6	2.4	2.3	2.2	2.2	2.2	2.2	2.2	2.3	2.2	2.2	2.3
Lumber and wood products	37.6	37.8	37.7	37.7	35.0	37.9	37.6	37.6	38.5	38.7	38.6	38.3	38.5
Furniture and fixtures	37.4	38.0	37.6	37.9	33.6	37.7	37.3	37.8	37.5	37.8	37.6	38.0	37.9
Stone, clay, and glass products	40.3	40.1	40.1	39.7	38.6	40.1	40.0	40.0	40.2	40.4	40.5	40.3	40.5
Primary metal industries	40.6	40.0	39.6	39.2	38.3	39.4	38.8	38.5	38.5	38.9	38.9	38.9	39.2
Fabricated metal products	39.6	40.0	39.7	39.5	38.1	39.7	38.5	39.4	39.5	39.4	39.5	39.1	39.5
Machinery, except electrical	40.3	40.8	40.7	40.4	35.3	40.7	40.2	40.1	39.8	39.6	39.8	39.6	39.8
Electric and electronic equipment	39.7	39.8	39.4	39.5	38.3	39.8	39.4	39.3	39.4	39.5	39.8	39.3	39.5
Transportation equipment	40.1	40.6	40.4	39.7	39.0	40.5	40.4	41.1	41.1	41.6	41.0	40.5	39.6
Instruments and related products	40.4	40.3	40.2	39.9	39.0	39.9	39.9	39.9	40.2	40.2	40.1	40.1	39.9
Miscellaneous manufacturing ind.	38.4	38.9	39.0	38.5	37.3	38.6	38.6	38.5	38.7	38.6	38.7	38.6	38.9
NONDURABLE GOODS	38.9	38.9	38.7	38.6	36.8	38.9	38.5	38.8	38.5	38.6	38.6	38.5	38.9
Overtime hours	2.8	2.8	2.7	2.6	2.5	2.6	2.5	2.6	2.5	2.5	2.6	2.6	2.6
Food and kindred products	39.3	39.5	39.5	39.8	39.1	40.2	39.5	39.6	39.8	39.5	39.5	39.2	39.8
Tobacco manufactures	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Textile mill products	38.8	39.0	38.7	37.8	32.3	38.3	37.6	37.7	37.9	37.8	37.7	38.2	38.5
Apparel and other textile products	35.2	35.5	35.5	35.7	31.4	35.5	35.0	34.7	34.8	35.1	35.2	35.0	35.0
Paper and allied products	43.0	42.4	42.0	41.8	41.2	42.3	41.8	42.1	41.8	42.0	41.9	41.8	41.9
Printing and publishing	37.1	37.1	37.1	37.1	36.9	37.4	37.1	37.1	36.8	37.1	37.0	36.8	37.1
Chemicals and allied products	42.2	41.5	41.2	41.3	41.0	41.2	40.7	40.7	41.0	41.0	40.9	40.8	41.3
Petroleum and coal products	43.1	42.2	42.5	42.7	44.2	43.5	43.5	44.0	44.1	44.1	43.3	44.7	43.8
Rubber and misc. plastics products	39.7	39.9	39.6	39.4	37.9	40.0	39.6	39.8	39.9	40.1	40.2	39.7	39.8
Leather and leather products	36.2	36.7	36.5	36.1	34.1	35.6	35.8	35.6	35.6	35.7	36.1	36.1	35.7
TRANSPORTATION AND PUBLIC UTILITIES	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
WHOLESALE AND RETAIL TRADE	32.1	32.0	32.1	32.0	31.7	32.0	31.9	31.9	32.0	31.9	31.9	31.9	32.1
WHOLESALE TRADE	38.5	38.4	38.5	38.4	38.1	38.5	38.4	38.	38.5	38.4	38.5	38.5	38.7
RETAIL TRADE	30.1	29.9	30.0	29.9	29.7	29.9	29.8	29.8	30.0	29.8	29.9	29.9	30.0
FINANCE, INSURANCE, AND REAL ESTATE	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
SERVICES	32.5	32.6	32.6	32.6	32.5	32.6	32.6	32.7	32.7	32.7	32.6	32.7	32.8

[1] For coverage of series, see footnote 1, table B-2.

[2] This series is not published seasonally adjusted since the seasonal component is small relative to the trend-cycle and/or irregular components and consequently cannot be separated with sufficient precision.

ESTABLISHMENT DATA
SEASONALLY ADJUSTED

C-7. Indexes of aggregate weekly hours of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division and major manufacturing group, seasonally adjusted

(1977=100)

Industry division and group	1981				1982							
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.[p]	Sept.[p]
TOTAL PRIVATE	107.8	107.7	107.3	106.3	104.3	106.2	105.6	105.2	105.7	106.0	106.8	106.1	106.0
GOODS PRODUCING	99.8	99.7	98.4	96.3	91.4	95.6	93.9	93.0	93.3	93.9	94.8	93.9	93.6
MINING	142.7	143.9	145.0	145.5	141.6	143.7	142.6	138.4	133.6	128.2	125.1	121.4	119.1
CONSTRUCTION	102.4	106.1	106.9	104.2	96.8	102.9	101.1	100.9	104.5	101.0	101.9	100.4	99.9
MANUFACTURING	97.3	96.4	94.6	92.5	88.0	91.9	90.3	89.3	89.2	88.4	87.8	86.4	85.2
DURABLE GOODS	97.4	96.4	94.0	91.4	87.3	90.6	89.1	87.8	87.8	86.7	86.1	84.3	83.0
Lumber and wood products	84.1	81.8	79.2	77.2	70.9	77.5	76.1	77.6	79.5	79.8	79.4	78.5	77.8
Furniture and fixtures	95.6	95.9	93.1	92.6	80.9	90.0	88.3	87.8	88.1	88.5	87.3	86.2	85.1
Stone, clay, and glass products	90.1	88.2	86.6	83.9	75.3	82.4	81.1	80.2	81.1	80.8	80.8	79.9	79.7
Primary metal industries	92.3	88.6	85.8	81.9	78.5	79.7	77.1	73.6	71.0	70.1	68.8	67.2	66.6
Fabricated metal products	95.8	94.2	91.6	89.3	85.1	88.1	87.0	85.8	85.5	84.0	83.9	81.5	79.9
Machinery, except electrical	109.6	110.4	108.7	106.2	101.6	104.8	101.5	99.2	98.7	98.8	92.1	90.9	90.8
Electric and electronic equipment	105.7	104.9	101.5	99.6	97.2	100.4	98.6	97.8	98.0	97.7	97.6	97.2	97.7
Transportation equipment	88.2	87.6	85.9	80.7	78.3	81.8	81.7	81.8	82.1	82.6	83.1	79.3	75.8
Instruments and related products	114.1	113.0	111.7	110.6	107.3	109.3	108.5	107.8	108.5	107.2	106.7	105.6	103.8
Miscellaneous manufacturing ind.	90.5	91.1	91.0	89.3	86.8	86.8	86.2	88.2	88.8	83.6	88.1	83.7	81.0
NONDURABLE GOODS	97.2	96.5	95.4	94.1	89.0	93.8	92.0	91.5	91.8	91.0	90.3	89.0	88.2
Food and kindred products	96.3	97.2	97.3	97.7	95.6	98.9	96.8	95.5	96.2	95.8	96.1	94.0	93.1
Tobacco manufactures	98.3	96.1	94.6	92.1	93.6	94.6	93.6	89.6	88.7	91.6	89.8	91.2	87.6
Textile mill products	87.0	85.8	83.9	80.7	67.7	79.9	76.5	78.0	77.0	78.8	78.7	77.2	75.4
Apparel and other textile products	93.4	93.3	92.7	90.5	79.6	90.0	87.7	85.3	85.3	85.8	83.2	84.1	84.7
Paper and allied products	101.6	98.3	96.6	95.2	93.7	95.4	93.9	94.0	92.8	92.5	92.2	91.8	92.7
Printing and publishing	106.7	106.8	106.5	106.5	105.8	107.2	106.7	106.2	105.5	105.9	105.2	103.8	102.6
Chemicals and allied products	103.2	100.9	99.5	98.9	97.8	97.6	96.8	95.3	95.7	94.9	98.0	98.1	95.7
Petroleum and coal products	102.9	100.1	100.0	99.7	98.7	96.1	96.1	96.5	96.7	95.9	98.2	96.1	95.6
Rubber and misc. plastics products	100.6	99.0	96.3	94.3	90.0	94.0	92.3	94.0	98.6	94.9	95.0	97.4	97.7
Leather and leather products	89.3	90.1	88.3	85.1	79.1	79.5	79.5	79.5	78.1	78.4	77.0	78.4	77.9
SERVICE PRODUCING	112.2	112.1	112.2	111.8	111.4	112.1	112.0	111.9	112.5	112.1	112.2	111.9	112.3
TRANSPORTATION AND PUBLIC UTILITIES	105.2	104.2	104.4	103.6	102.8	103.7	103.3	102.8	102.6	102.2	101.6	101.2	101.5
WHOLESALE AND RETAIL TRADE	106.9	106.2	106.3	105.4	105.2	106.3	105.9	105.5	106.5	105.8	106.1	105.5	105.7
WHOLESALE TRADE	112.0	111.6	111.8	111.0	109.7	110.7	110.2	109.5	110.3	110.0	109.6	109.2	108.4
RETAIL TRADE	104.9	104.1	104.3	103.3	103.4	104.6	104.2	103.9	105.1	104.2	104.7	104.3	104.6
FINANCE, INSURANCE, AND REAL ESTATE	117.4	117.6	117.8	117.8	116.9	116.8	117.1	117.0	117.9	117.4	117.6	117.2	116.7
SERVICES	119.6	120.4	120.6	120.8	120.3	120.9	121.1	121.5	121.8	121.9	121.8	122.1	122.7

[1] For coverage of series, see footnote 1, table B-2.

[p] preliminary

C-8. Hourly Earnings Index and average hourly and weekly earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls, seasonally adjusted

Industry	1981					1982							
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.[p]	Sept.[p]
Hourly Earnings Index[2] (1977=100)													
TOTAL PRIVATE (In current dollars)	141.4	142.0	143.0	143.5	144.9	145.0	145.4	146.3	147.7	148.1	148.9	149.8	150.9
MINING[3]	151.7	151.4	153.4	153.4	156.2	156.0	156.0	156.5	156.8	159.6	161.3	161.0	162.9
CONSTRUCTION	133.5	134.7	135.7	136.6	139.9	137.9	138.1	138.7	139.9	139.7	140.6	140.7	140.9
MANUFACTURING	144.7	145.4	146.4	146.9	148.9	149.1	149.9	150.8	151.8	152.5	153.3	153.2	153.5
TRANSPORTATION AND PUBLIC UTILITIES	141.5	142.3	143.5	144.3	145.5	146.0	146.3	146.9	148.2	149.1	148.9	150.9	149.7
WHOLESALE AND RETAIL TRADE	141.0	140.5	141.3	141.7	142.1	142.5	142.8	143.7	145.1	145.2	145.7	146.4	145.1
FINANCE, INSURANCE, AND REAL ESTATE	140.4	141.4	142.6	142.0	143.1	143.3	143.8	144.9	148.0	147.2	148.6	150.5	151.3
SERVICES	139.7	140.9	142.2	142.6	143.4	143.7	143.9	145.1	146.5	147.3	148.7	149.6	149.5
TOTAL PRIVATE (In 1977 dollars)[4]	92.1	92.1	92.3	92.3	92.9	92.8	93.3	93.7	93.7	93.1	93.0	93.2	-
Average hourly earnings													
TOTAL PRIVATE	$7.37	$7.40	$7.45	$7.46	$7.52	$7.53	$7.54	$7.59	$7.65	$7.67	$7.71	$7.73	$7.77
MINING	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
CONSTRUCTION	$10.95	$11.06	$11.14	$11.22	$11.52	$11.34	$11.39	$11.43	$11.58	$11.51	$11.56	$11.59	$11.69
MANUFACTURING	8.14	8.16	8.20	8.20	8.38	8.34	8.37	8.44	8.48	8.52	8.56	8.57	8.64
TRANSPORTATION AND PUBLIC UTILITIES	9.86	9.89	9.97	10.02	10.09	10.13	10.15	10.18	10.24	10.30	10.30	10.38	10.37
WHOLESALE AND RETAIL TRADE	6.03	6.03	6.06	6.08	6.09	6.10	6.12	6.16	6.20	6.22	6.23	6.26	6.23
FINANCE, INSURANCE, AND REAL ESTATE	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
SERVICES	$6.58	$6.58	$6.63	$6.65	$6.71	$6.72	$6.72	$6.80	$6.85	$6.90	$6.96	$6.99	$7.00
Average weekly earnings													
TOTAL PRIVATE													
Current dollars	257.95	259.74	261.50	261.10	258.69	263.55	263.15	268.89	267.75	267.68	269.08	269.90	268.66
1977 dollars[4]	168.05	168.44	168.82	167.51	165.93	168.62	168.90	169.69	169.89	168.14	167.97	167.39	-

[1] For coverage of series, see footnote 1, table B-2.

[2] The index excludes effects of two types of changes that are unrelated to underlying wage-rate developments. Fluctuations in overtime premiums in manufacturing (the only sector for which overtime data are available) and the effects of changes in the proportion of workers in high-wage and low-wage industries.

[3] The unadjusted data are shown because the seasonal component is small relative to the trend-cycle and/or irregular components and consequently cannot be separated with sufficient precision.

[4] The deflator for these series is derived from the Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W).

[5] See footnote 2, table C-6.

p = preliminary.

C-9. Hours of wage and salary workers[1] in nonagricultural establishments by industry division

Industry division	Millions of hours (Annual rate)[2]			Percent change		
	July 1982	August P1982	September P1982	Sept. 1981 to Sept. 1982	July 1982 to Aug. 1982	Aug. 1982 to Sept. 1982
TOTAL	166,155	165,530	165,084	-1.3	-0.4	-0.3
PRIVATE SECTOR	135,752	135,090	134,750	-3.1	-0.5	-0.3
MINING	2,448	2,382	2,330	-14.6	-2.7	-2.2
CONSTRUCTION	7,558	7,461	7,309	-2.8	-1.3	-2.0
MANUFACTURING	38,580	38,212	37,740	-9.5	-1.0	-1.2
DURABLE GOODS	23,030	22,672	22,233	-12.0	-1.5	-1.9
NONDURABLE GOODS	15,549	15,540	15,507	-5.7	-0.1	-0.2
TRANSPORTATION AND PUBLIC UTILITIES	10,266	10,220	10,234	-3.0	-0.4	0.1
WHOLESALE AND RETAIL TRADE	34,477	34,377	34,500	-0.8	-0.3	0.4
FINANCE, INSURANCE, AND REAL ESTATE	10,088	10,107	10,096	0.7	0.2	-0.1
SERVICES	32,334	32,330	32,540	2.6	0.0	0.7
GOVERNMENT	30,404	30,441	30,334	7.1	0.1	-0.3

[1] Data refer to hours of all employees—production workers, nonsupervisory workers and salaried workers—and are based largely on establishment data. *See BLS Handbook of Methods for Surveys and Studies*, BLS Bulletin 1910—Chapter 30, Productivity Measures: Private Economy and Major Sectors.

[2] "Annual rate" refers to total hours paid for 1 week in the month, expressed as a seasonally adjusted annual equivalent.

PRODUCTIVITY
SEASONALLY ADJUSTED

C-10. Indexes of output and compensation per hour, unit costs, and prices, private business sector, seasonally adjusted

(1977 = 100)

Item	Annual average		Quarterly indexes										
			1979	1980				1981				1982	
	1980	1981	IV	I	II	III	IV	I	II	III	IV	I	II
BUSINESS SECTOR													
Output per hour of all persons	98.9	100.7	99.1	99.3	98.2	98.9	99.3	100.7	100.7	101.0	100.2	100.0	r100.3
Output	106.2	108.9	107.9	107.9	104.7	105.3	107.0	109.1	109.1	109.6	107.8	106.3	106.4
Hours	107.4	108.2	108.8	108.7	106.6	106.5	107.7	108.3	108.3	108.5	107.5	106.3	106.1
Compensation per hour	131.4	144.1	123.0	126.7	130.0	133.1	136.1	140.0	142.5	145.6	148.2	150.9	r153.4
Real compensation per hour	96.7	96.0	97.8	97.0	96.4	96.9	96.2	96.2	96.4	95.7	95.6	96.5	97.1
Unit labor costs	132.9	143.1	124.1	127.6	132.3	134.7	137.0	139.0	141.6	144.2	147.9	150.9	153.0
Unit nonlabor payments	119.3	135.2	113.2	116.0	116.2	120.6	124.6	137.8	133.4	137.4	138.3	136.4	137.3
Implicit price deflator	126.3	140.4	120.4	123.7	126.9	129.9	132.8	136.5	138.8	141.9	144.6	146.0	147.7
NONFARM BUSINESS SECTOR													
Output per hour of all persons	98.5	99.9	98.8	98.7	97.6	98.4	99.2	100.4	100.0	100.0	99.1	99.2	99.3
Output	106.3	108.6	108.0	107.9	104.6	105.3	107.3	109.2	109.0	109.1	107.1	106.0	106.0
Hours	108.0	108.7	109.2	109.3	107.2	107.0	108.2	108.8	109.0	109.1	108.1	106.8	106.7
Compensation per hour	130.9	143.6	122.7	126.2	129.3	132.6	135.7	139.5	142.0	145.1	147.7	150.4	152.6
Real compensation per hour	96.3	95.7	97.6	96.6	96.0	96.5	95.9	96.0	96.0	95.4	95.3	96.3	96.6
Unit labor costs	133.0	143.8	124.1	127.8	132.5	134.7	136.8	139.0	141.9	145.1	149.0	151.6	153.7
Unit nonlabor payments	119.1	134.8	111.3	115.2	116.7	120.3	124.4	131.5	132.8	136.7	138.4	136.7	137.4
Implicit price deflator	126.3	140.8	119.8	123.6	127.2	129.9	132.7	136.5	138.9	142.3	145.5	146.6	148.2
MANUFACTURING													
Output per hour of all persons	101.7	104.5	101.9	102.6	100.4	100.3	103.6	105.2	105.0	105.0	102.8	102.1	102.2
Output	103.6	105.9	107.9	107.8	101.6	99.9	105.0	106.7	107.5	107.4	102.0	99.2	96.8
Hours	101.8	101.3	105.9	105.1	101.1	99.6	101.3	101.5	102.4	102.3	99.2	96.2	94.8
Compensation per hour	132.8	146.4	122.6	127.1	130.9	135.2	138.4	142.6	144.9	147.3	150.7	154.7	157.6
Real compensation per hour	97.7	97.5	97.4	97.3	97.1	98.5	97.8	98.0	97.9	96.8	97.2	99.0	99.7
Unit labor costs	130.6	140.0	120.3	123.9	130.3	134.9	133.6	135.5	138.0	140.3	146.6	151.5	154.3
DURABLE GOODS													
Output per hour of all persons	100.3	103.4	100.7	101.2	99.2	98.3	102.2	104.2	104.0	103.7	101.5	100.3	100.4
Output	103.5	106.1	109.3	108.9	101.4	98.8	104.9	107.0	108.2	107.8	101.6	96.8	95.1
Hours	103.2	102.6	108.5	107.6	102.2	100.4	102.7	102.7	104.0	103.9	100.0	96.5	94.8
Compensation per hour	132.6	146.5	121.6	126.6	130.4	135.0	138.5	142.7	144.7	147.2	151.0	154.8	157.7
Real compensation per hour	97.5	97.6	96.6	96.9	96.8	98.3	97.9	98.2	97.9	96.7	97.4	99.1	99.8
Unit labor costs	132.2	141.6	120.7	125.1	131.4	137.3	135.6	137.0	139.2	142.0	148.7	154.3	157.0
NONDURABLE GOODS													
Output per hour of all persons	104.0	106.2	103.7	104.7	102.3	103.2	105.8	106.7	106.5	107.0	104.6	104.9	104.8
Output	103.7	105.6	105.8	106.2	101.8	101.5	105.1	106.4	106.5	106.9	102.6	100.4	99.3
Hours	99.7	99.4	102.0	101.5	99.5	98.4	99.3	99.7	99.9	99.8	98.1	95.7	94.8
Compensation per hour	132.8	145.6	123.6	127.2	131.3	135.4	137.6	141.8	144.4	146.7	149.6	154.3	157.6
Real compensation per hour	97.7	97.0	98.3	97.3	97.4	98.6	97.2	97.5	97.7	96.5	96.5	98.8	99.7
Unit labor costs	127.7	137.1	119.1	121.5	128.4	131.2	130.1	132.9	135.6	137.1	143.1	147.2	150.4
NONFINANCIAL CORPORATIONS													
Output per all-employee hour	100.8	102.7	100.6	100.8	99.8	101.1	101.7	102.8	102.7	102.8	102.2	102.3	p102.9
Output	108.1	110.7	109.9	109.8	106.5	107.1	109.0	111.0	111.1	111.5	109.4	107.9	p107.6
Hours	107.2	107.9	109.3	109.0	106.6	105.9	107.2	107.9	108.1	108.5	107.0	105.4	p104.6
Compensation per hour	131.6	144.4	123.1	126.8	130.0	133.4	136.3	140.4	142.7	145.7	148.6	151.7	p154.1
Real compensation per hour	96.8	96.2	97.9	97.0	96.4	97.1	96.3	96.5	96.5	95.8	95.9	97.1	p97.5
Total unit costs	131.0	143.4	121.4	125.0	130.4	132.9	135.8	138.3	141.7	144.7	149.1	151.8	p154.0
Unit labor costs	130.5	140.6	122.4	125.8	130.2	131.9	134.1	136.5	138.9	141.7	145.4	148.3	p149.7
Unit nonlabor costs	132.5	151.4	118.7	122.7	131.0	135.7	140.7	143.4	149.6	153.1	159.6	161.8	p166.2
Unit profits	87.9	101.6	84.1	91.1	81.9	87.8	90.5	104.7	98.8	105.2	97.6	86.1	pR2.4
Implicit price deflator	126.1	138.6	117.1	121.1	124.8	127.7	130.6	134.5	136.8	140.2	143.2	144.3	p145.8

p=preliminary
r=revised.

C-11. Percent changes from preceding quarter and year in productivity, hourly compensation, unit costs, and prices, private business sector, seasonally adjusted at annual rate

Item	Quarterly percent change						Annual percent change					
	1980 IV to 1981 I	1981 I to 1981 II	1981 II to 1981 III	1981 III to 1981 IV	1981 IV to 1982 I	1982 I to 1982 II	1980 I to 1981 I	1980 II to 1981 II	1980 III to 1981 III	1980 IV to 1981 IV	1981 I to 1982 I	1981 II to 1982 II
BUSINESS SECTOR:												
Output per hour of all persons	5.6	0.0	1.1	-2.9	-1.0	1.2	1.4	2.5	2.2	0.9	-0.7	-0.4
Output	7.9	-0.1	1.9	-6.4	-5.5	0.4	1.1	4.1	4.1	0.7	-2.6	-2.5
Hours	2.1	-0.1	0.8	-3.6	-4.5	-0.9	-0.4	1.6	1.9	-0.2	-1.9	-2.1
Compensation per hour	11.7	7.5	9.0	7.4	7.3	6.9	10.5	9.7	9.4	8.9	7.8	7.6
Real compensation per hour	0.2	0.5	-2.6	-0.4	3.9	2.2	-0.7	-0.1	-1.3	-0.6	0.3	0.7
Unit labor costs	5.7	7.5	7.8	10.6	8.4	5.6	8.9	6.9	7.1	7.9	8.6	8.1
Unit nonlabor payments	25.0	4.9	12.5	2.9	-5.4	2.7	13.7	14.8	13.9	11.0	3.5	3.0
Implicit price deflator	11.6	6.6	9.3	8.0	3.8	4.7	10.4	9.4	9.2	8.9	6.9	6.4
NONFARM BUSINESS SECTOR:												
Output per hour of all persons	4.9	-1.3	-0.3	-3.5	0.6	0.5	1.7	2.5	1.6	-0.1	-1.1	-0.7
Output	7.2	-0.8	0.3	-7.1	-4.2	0.3	1.2	4.2	3.6	-0.2	-3.0	-2.7
Hours	2.2	0.5	0.6	-3.7	-4.7	-0.1	-0.4	1.6	2.0	-0.1	-1.9	-2.0
Compensation per hour	11.8	7.1	9.0	7.3	7.7	6.0	10.6	9.8	9.4	8.8	7.8	7.5
Real compensation per hour	0.4	0.1	-2.6	-0.5	4.3	1.4	-0.6	0.0	-1.2	-0.6	0.3	0.6
Unit labor costs	6.6	8.6	9.3	11.2	7.1	5.5	8.8	7.1	7.7	8.9	9.0	8.3
Unit nonlabor payments	24.9	4.0	12.1	5.1	-4.6	2.0	14.1	13.8	13.6	11.2	4.0	3.5
Implicit price deflator	12.1	7.1	10.2	9.2	3.3	4.4	10.4	9.2	9.6	9.6	7.4	6.7
MANUFACTURING:												
Output per hour of all persons	6.3	-0.7	-0.1	-8.2	-2.4	0.2	2.6	4.5	4.7	-0.8	-2.9	-2.7
Output	6.9	2.8	-0.4	-18.7	-13.8	-5.7	-1.0	5.8	7.5	-2.9	-8.0	-8.9
Hours	0.5	3.6	-0.3	-11.4	-11.7	-5.8	-3.5	1.2	2.7	-2.1	-5.2	-7.4
Compensation per hour	12.7	6.6	6.8	9.6	11.1	7.8	12.2	10.7	8.9	8.9	8.5	8.8
Real compensation per hour	1.2	-0.4	-4.6	1.6	7.6	3.1	0.8	0.9	-1.7	-0.6	1.0	1.8
Unit labor costs	6.0	7.3	6.8	19.4	13.9	7.7	9.3	5.9	4.0	9.8	11.7	11.8
DURABLE GOODS												
Output per hour of all persons	8.2	-0.7	-1.3	-8.0	-4.9	0.5	3.0	4.8	5.4	-0.6	-3.8	-3.5
Output	8.0	4.5	-1.6	-21.1	-17.5	-6.7	-1.7	6.7	9.1	-3.2	-9.5	-12.0
Hours	-0.2	5.3	-0.3	-14.2	-13.2	-7.1	-4.6	1.8	3.5	-2.6	-6.0	-8.9
Compensation per hour	12.8	5.7	6.9	10.9	10.3	7.7	12.7	11.0	9.0	9.1	8.4	8.9
Real compensation per hour	1.3	-1.2	-4.5	2.9	6.8	2.9	1.3	1.1	-1.6	-0.4	0.9	1.9
Unit labor costs	4.3	6.5	8.3	20.5	15.9	7.1	9.5	5.9	3.4	9.7	12.7	12.9
NONDURABLE GOODS												
Output per hour of all persons	3.5	-0.7	1.8	-8.8	1.1	r-0.4	2.0	4.2	3.7	-1.1	-1.7	-1.6
Output	5.2	0.3	1.4	-15.1	-8.3	-4.2	0.1	4.6	5.3	-2.4	-5.6	-6.7
Hours	1.6	1.0	-0.4	-6.9	-9.3	-3.8	-1.8	0.4	1.5	-1.2	-4.0	-5.2
Compensation per hour	12.8	7.6	6.5	8.2	13.2	8.6	11.5	10.0	8.4	8.7	8.8	9.1
Real compensation per hour	1.2	0.6	-4.8	0.3	9.6	3.8	0.2	0.2	-2.2	-0.7	1.3	2.1
Unit labor costs	9.0	8.3	4.6	18.5	12.0	9.0	9.4	5.6	4.5	10.0	10.8	10.9
NONFINANCIAL CORPORATIONS:												
Output per all-employee hour	4.7	-0.4	0.3	-2.3	0.5	p2.3	2.1	2.9	1.7	0.6	-0.5	p0.2
Output	7.4	0.6	1.5	-7.5	-5.2	p-1.0	1.0	4.4	4.1	0.3	-2.7	p-3.1
Hours	2.6	0.9	1.2	-5.3	-5.7	p-3.2	-1.0	1.4	2.4	-0.2	-2.3	p-3.3
Compensation per hour	12.4	6.9	8.5	8.3	8.6	p6.4	10.7	9.8	9.2	9.0	9.1	p 8.0
Real compensation per hour	0.9	-0.1	-3.0	0.5	5.2	p1.7	-0.5	0.1	-1.4	-0.5	0.6	p1.0
Total unit costs	7.5	10.2	8.6	12.8	7.4	p6.0	10.6	8.7	8.9	9.8	9.7	p8.7
Unit labor costs	7.4	7.3	8.2	10.9	8.1	p4.0	8.5	6.7	7.5	8.4	8.6	p7.8
Unit nonlabor costs	8.0	18.5	9.8	17.8	5.7	p11.4	16.9	14.2	12.9	13.4	12.8	p11.1
Unit profits	79.5	-20.8	28.4	-25.9	-39.4	p-16.0	14.9	20.7	19.7	7.9	-17.8	p-16.6
Implicit price deflator	12.3	7.1	10.2	8.9	3.0	p4.4	11.0	9.6	9.7	9.6	7.3	p6.6

p=preliminary.
r=revised.

C-12. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	AUG. 1981	JULY 1982	AUG. 1982P	AUG. 1981	JULY 1982	AUG. 1982P	AUG. 1981	JULY 1982	AUG. 1982P
ALABAMA	$281.90	$281.69	$283.75	40.1	38.8	39.3	$7.03	$7.26	$7.22
Birmingham	304.33	295.37	300.27	39.0	37.2	38.3	7.82	7.94	7.84
Mobile	376.15	385.14	384.89	41.2	41.7	42.6	9.13	9.26	9.04
ALASKA	482.69	(*)	(*)	47.0	(*)	(*)	10.27	(*)	(*)
ARIZONA	322.72	344.82	345.71	39.5	38.7	38.8	8.17	8.91	8.91
ARKANSAS	250.34	262.75	261.12	39.8	39.1	38.8	6.29	6.72	6.73
Fayetteville—Springdale	225.67	231.99	237.73	39.8	38.6	39.1	5.67	6.01	6.08
Fort Smith	250.13	262.13	255.00	38.9	38.2	37.5	6.43	6.81	6.80
Little Rock—North Little Rock	283.23	304.94	307.33	40.0	39.5	39.1	7.08	7.72	7.86
Pine Bluff	333.20	358.85	356.17	42.5	41.2	40.2	7.84	8.71	8.86
CALIFORNIA	346.55	362.15	367.46	39.8	38.9	39.3	8.71	9.31	9.35
COLORADO	332.03	331.43	334.77	40.1	38.9	39.2	8.28	8.52	8.54
Denver—Boulder	329.13	336.43	340.08	39.9	38.8	39.0	8.25	8.67	8.72
CONNECTICUT	316.77	331.60	331.60	41.3	40.0	40.3	7.67	8.29	8.29
Bridgeport	336.55	352.77	350.92	42.2	41.6	40.9	7.93	8.48	8.58
Hartford	338.11	351.43	355.29	41.1	39.8	40.1	8.13	8.83	8.86
New Britain	323.18	339.73	340.98	41.7	40.3	40.4	7.75	8.43	8.44
New Haven—West Haven	302.75	323.33	319.48	40.1	39.3	39.2	7.55	8.15	8.15
Stamford	296.84	305.06	303.34	41.0	39.8	39.6	7.24	7.69	7.66
Waterbury	272.90	271.47	280.78	41.6	39.4	40.8	6.56	6.89	6.98
DELAWARE	327.64	332.73	332.42	40.4	38.6	39.2	8.11	8.62	8.48
Wilmington	378.69	387.34	409.25	39.0	37.9	39.2	9.71	10.22	10.44
DISTRICT OF COLUMBIA:									
Washington SMSA	352.53	352.13	357.72	39.0	37.5	38.3	9.04	9.39	9.34
FLORIDA	266.54	270.78	273.67	40.4	38.3	38.6	6.60	7.07	7.09
Fort Lauderdale—Hollywood	254.15	256.13	270.07	40.6	38.4	39.6	6.26	6.67	6.82
Jacksonville	313.74	295.58	308.39	42.0	37.4	38.5	7.47	7.93	8.01
Lakeland—Winter Haven	303.54	303.35	305.96	42.1	40.5	40.1	7.21	7.49	7.63
Miami	227.85	229.85	231.49	40.4	38.5	38.2	5.64	5.97	6.06
Orlando	293.56	315.83	320.32	42.3	41.2	41.6	6.94	7.69	7.70
Pensacola	325.62	332.87	323.17	41.8	39.3	38.2	7.79	8.47	8.46
Tampa—St. Petersburg	263.87	277.09	272.74	39.8	40.1	39.7	6.63	6.91	6.87
West Palm Beach—Boca Raton	292.63	289.38	285.25	40.7	39.0	38.6	7.19	7.42	7.39
GEORGIA	257.35	262.09	264.60	40.4	38.6	39.2	6.37	6.79	6.75
Atlanta	296.63	315.02	305.85	39.6	38.7	37.9	7.49	8.14	8.07
Savannah	365.92	357.62	371.28	44.3	41.2	42.0	8.26	8.68	8.84
HAWAII	288.79	296.45	289.14	38.2	38.6	37.6	7.56	7.68	7.69
Honolulu	275.52	291.85	282.96	36.7	38.1	35.7	7.51	7.66	7.71
IDAHO	343.30	330.67	339.43	40.4	36.7	37.3	8.49	9.01	9.10
Boise City	292.73	308.85	299.09	39.5	39.8	38.1	7.41	7.76	7.85
ILLINOIS	360.83	361.38	362.60	40.0	38.9	39.2	9.02	9.29	9.25
Bloomington—Normal	323.39	325.24	324.94	38.1	37.6	36.8	8.48	8.65	8.83
Champaign—Urbana—Rantoul	319.23	336.11	330.78	38.7	38.5	37.0	8.25	8.73	8.94
Chicago SMSA	329.04	351.27	356.84	39.5	38.9	39.3	8.33	9.03	9.08
Davenport—Rock Island—Moline	440.89	463.27	465.90	39.4	38.8	38.6	11.19	11.94	12.07
Decatur	426.33	448.15	457.25	39.6	38.7	39.9	10.78	11.58	11.46
Kankakee	295.57	315.36	308.45	37.7	38.3	37.8	7.84	8.26	8.16
Peoria	478.40	451.78	458.11	39.9	36.2	36.3	11.99	12.48	12.62
Rockford	369.15	363.07	378.28	40.3	39.6	40.2	9.16	9.32	9.41
Springfield	399.39	457.33	448.11	39.8	41.5	40.7	10.05	11.02	11.01
INDIANA	380.57	387.30	384.16	40.4	39.4	39.2	9.42	9.83	9.80
Gary—Hammond—East Chicago	514.70	515.04	(*)	40.4	38.9	(*)	12.74	13.24	(*)
Indianapolis	387.20	382.49	(*)	41.5	39.8	(*)	9.33	9.61	(*)
IOWA	376.92	382.23	382.00	39.1	38.3	38.2	9.64	9.98	10.00
Cedar Rapids	376.16	382.31	385.14	38.9	38.5	39.3	9.67	9.93	9.80
Des Moines	400.30	410.51	433.63	39.4	37.8	40.3	10.16	10.86	10.76

See footnotes at end of table.

C-12. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas—Continued

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	AUG. 1981	JULY 1982	AUG. 1982P	AUG. 1981	JULY 1982	AUG. 1982P	AUG. 1981	JULY 1982	AUG. 1982P
IOWA—Continued									
Dubuque	$417.49	$393.65	$419.63	38.8	35.4	37.3	$10.76	$11.12	$11.25
Sioux City	282.35	346.63	360.70	37.2	38.9	39.9	7.59	8.91	9.04
Waterloo—Cedar Falls	494.94	483.23	481.34	39.5	37.2	35.8	12.53	12.99	13.08
KANSAS									
Topeka	330.07	348.89	348.96	40.4	39.6	39.7	8.17	8.61	8.79
Wichita	345.71	320.07	331.01	38.8	37.7	38.4	8.91	8.49	8.62
	364.01	379.99	395.11	40.9	39.5	40.4	8.90	9.62	9.78
KENTUCKY									
Lexington—Fayette	306.12	317.75	321.21	38.7	38.1	38.7	7.91	8.34	8.30
Louisville	319.80	377.74	318.36	39.0	43.1	37.9	8.20	9.42	8.40
	367.35	377.67	379.64	39.5	39.3	39.3	9.30	9.61	9.66
LOUISIANA									
Baton Rouge	368.49	375.31	374.30	42.6	39.6	39.4	8.65	9.47	9.50
New Orleans	447.52	463.94	465.35	42.1	39.6	41.0	10.63	11.64	11.35
Shreveport	365.09	358.98	361.55	41.3	38.6	38.3	8.84	9.30	9.44
	328.13	334.03	341.82	41.8	40.1	39.2	7.85	8.33	8.72
MAINE									
Lewiston—Auburn	270.28	295.40	291.13	40.4	40.0	40.1	6.59	7.41	7.26
Portland	212.80	237.08	225.55	38.0	38.3	38.1	5.60	6.19	5.92
	245.86	286.77	278.36	38.0	38.7	38.5	6.47	7.41	7.23
MARYLAND									
Baltimore	335.02	344.18	338.13	39.6	39.2	39.0	8.46	8.78	8.67
	356.08	369.08	367.75	40.5	39.9	39.8	8.79	9.25	9.24
MASSACHUSETTS									
Boston	281.90	294.88	300.29	40.1	38.8	39.1	7.03	7.60	7.68
Brockton	301.95	318.72	320.69	40.1	39.3	39.3	7.53	8.11	8.16
Fall River	224.45	229.15	239.51	38.7	35.2	37.6	5.80	6.33	6.37
Lawrence—Haverhill	215.04	208.74	213.89	38.4	35.5	36.5	5.60	5.88	5.86
Lowell	297.25	299.88	308.11	41.0	39.2	39.4	7.25	7.65	7.82
New Bedford	254.55	250.22	248.29	39.3	35.9	36.3	6.48	6.97	6.84
Springfield—Chicopee—Holyoke	239.62	266.88	250.56	38.4	38.4	36.0	6.24	6.95	6.96
Worcester	286.06	305.56	307.60	41.1	40.1	40.0	6.96	7.62	7.69
	293.38	300.33	299.52	40.3	39.5	38.4	7.28	7.80	7.80
MICHIGAN									
Ann Arbor	426.77	463.56	449.26	40.6	40.7	40.1	10.50	11.40	11.21
Battle Creek	453.13	482.07	461.80	41.0	40.9	39.1	11.05	11.79	11.80
Bay City	427.74	469.77	472.54	40.4	39.3	39.8	10.59	11.97	11.89
Detroit	383.25	391.89	387.43	40.3	40.1	40.0	9.51	9.77	9.69
Flint	459.31	485.73	480.93	41.4	41.1	40.9	11.08	11.81	11.77
Grand Rapids	493.61	565.17	537.06	40.6	42.0	40.5	12.16	13.45	13.27
Jackson	346.38	365.34	365.51	39.3	38.5	39.1	8.82	9.52	9.35
Kalamazoo—Portage	412.22	398.39	409.96	43.5	40.8	41.3	9.47	9.77	9.94
Lansing—East Lansing	396.71	411.84	409.21	40.0	39.4	39.7	9.91	10.45	10.30
Muskegon—Norton Shores—Muskegon Heights	474.43	539.43	468.23	39.2	42.9	39.1	12.10	12.58	11.96
Saginaw	366.63	354.67	376.12	40.5	35.9	39.5	9.06	9.62	9.51
	486.64	548.63	506.51	40.0	41.2	39.3	12.15	13.30	12.88
MINNESOTA									
Duluth—Superior	330.62	355.55	352.03	39.5	38.9	38.6	8.37	9.14	9.12
Minneapolis—St. Paul	336.27	348.29	338.45	38.3	38.4	34.5	8.78	9.07	9.81
St. Cloud	353.03	373.83	374.03	39.8	38.9	38.8	8.87	9.61	9.64
	254.54	248.42	248.25	35.6	33.3	33.1	7.15	7.46	7.50
MISSISSIPPI									
Jackson	237.40	243.59	251.16	39.5	38.3	39.0	6.01	6.36	6.44
	261.94	259.27	270.96	40.8	38.9	39.1	6.42	6.94	6.93
MISSOURI									
Kansas City	312.84	329.80	326.02	39.5	38.8	38.4	7.92	8.50	8.49
St. Joseph	359.20	367.67	356.62	40.0	38.1	38.1	8.98	9.65	9.36
St. Louis	287.90	306.15	299.75	38.8	39.0	37.8	7.42	7.85	7.93
Springfield	357.48	383.11	383.15	39.5	39.7	39.5	9.05	9.65	9.70
	306.27	283.14	297.44	41.0	39.0	39.5	7.47	7.26	7.53
MONTANA	377.15	392.27	399.00	43.4	38.8	39.9	8.69	10.11	10.00
NEBRASKA									
Lincoln	333.66	330.26	331.69	40.2	39.6	39.3	8.30	8.34	8.44
Omaha	305.73	317.37	318.44	38.7	38.1	38.0	7.90	8.33	8.38
	325.92	344.93	349.83	38.8	38.8	39.0	8.40	8.89	8.97
NEVADA									
Las Vegas	328.44	328.71	333.02	39.1	37.1	37.8	8.40	8.86	8.81
	394.05	414.38	(*)	38.9	38.8	(*)	10.13	10.68	(*)

See footnotes at end of table.

C-12. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas—Continued

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	AUG. 1981	JULY 1982	AUG. 1982P	AUG. 1981	JULY 1982	AUG. 1982P	AUG. 1981	JULY 1982	AUG. 1982P
NEW HAMPSHIRE	$256.56	$275.71	$276.80	39.9	39.5	39.6	$6.43	$6.98	$6.99
Manchester	235.98	255.75	261.20	39.2	39.5	40.0	6.02	6.50	6.53
Nashua	279.88	317.59	312.39	39.7	40.1	39.0	7.05	7.92	8.01
NEW JERSEY	324.94	341.94	344.20	40.5	39.9	39.7	8.03	8.57	8.67
Atlantic City	271.63	261.89	267.25	39.9	37.2	37.8	6.80	7.04	7.07
Camden [1]	315.32	334.63	343.66	39.1	38.2	38.7	8.07	8.76	8.88
Hackensack [1]	287.17	293.33	297.55	40.6	38.8	39.1	7.08	7.56	7.61
Jersey City [1]	306.89	320.23	320.69	40.0	39.1	39.3	7.67	8.19	8.16
New Brunswick—Perth Amboy—Sayreville [1]	372.54	390.73	392.90	41.5	41.0	40.8	8.99	9.53	9.63
Newark [1]	328.99	352.81	354.03	41.0	40.6	40.6	8.01	8.69	8.72
Paterson—Clifton—Passaic [1]	315.47	316.40	315.99	41.7	39.6	39.8	7.57	7.99	8.02
Trenton	323.03	338.24	339.40	38.9	38.7	38.7	8.31	8.74	8.77
NEW MEXICO	253.16	272.05	263.34	38.3	39.6	38.5	6.61	6.87	6.84
Albuquerque	258.55	300.69	279.68	37.8	39.0	38.0	6.84	7.71	7.36
NEW YORK	306.15	324.69	320.44	39.2	38.7	38.7	7.81	8.39	8.28
Albany—Schenectady—Troy	333.63	347.02	346.98	40.1	39.3	39.7	8.32	8.83	8.74
Binghamton	289.27	292.09	291.60	40.8	40.4	40.0	7.09	7.23	7.29
Buffalo	401.73	432.95	419.89	40.3	40.2	39.8	9.97	10.77	10.55
Elmira	317.75	344.85	345.46	41.0	40.1	39.8	7.75	8.60	8.68
Monroe County [1]	412.05	447.12	439.56	41.0	41.4	40.7	10.05	10.80	10.80
Nassau—Suffolk [1]	299.95	314.76	319.16	40.1	39.1	39.5	7.48	8.05	8.08
New York—Northeastern New Jersey	292.39	311.04	(*)	39.3	38.4	(*)	7.44	8.10	(*)
New York and Nassau—Suffolk [1]	265.46	284.56	281.23	37.6	37.1	37.2	7.06	7.67	7.56
New York SMSA [1]	256.41	275.58	270.10	37.0	36.5	36.5	6.93	7.55	7.40
New York City [1]	252.50	273.03	267.89	36.7	36.1	36.3	6.88	7.48	7.38
Poughkeepsie	329.41	343.14	338.48	43.4	43.0	42.9	7.59	7.98	7.89
Rochester	384.39	421.06	413.71	41.0	41.2	40.6	9.39	10.22	10.19
Rockland County [1]	299.69	327.54	332.02	39.8	38.9	39.2	7.53	8.42	8.47
Syracuse	339.42	353.68	345.71	40.6	40.1	39.6	8.36	8.82	8.73
Utica—Rome	292.64	299.00	306.53	39.6	37.8	38.9	7.39	7.91	7.88
Westchester County [1]	276.57	308.89	267.04	38.2	39.1	37.4	7.24	7.90	7.14
NORTH CAROLINA	238.58	235.11	243.46	39.5	37.3	39.4	6.04	6.33	6.34
Asheville	234.59	228.75	242.26	40.1	37.5	39.2	5.85	6.10	6.18
Charlotte—Gastonia	250.10	249.63	240.92	41.0	39.0	38.0	6.10	6.40	6.34
Greensboro—Winston-Salem—High Point	266.63	254.46	269.18	39.5	36.3	37.7	6.75	7.01	7.14
Raleigh—Durham	270.47	279.72	292.19	39.6	37.8	39.7	6.83	7.40	7.36
NORTH DAKOTA	280.28	284.56	289.10	38.5	37.1	37.4	7.28	7.67	7.73
Fargo—Moorhead	309.67	309.27	302.57	40.8	39.0	38.3	7.59	7.93	7.90
OHIO	393.87	407.82	405.01	40.9	40.1	40.1	9.63	10.17	10.10
Akron	400.32	396.88	401.47	41.7	41.0	40.8	9.60	9.68	9.84
Canton	387.23	391.73	398.58	39.6	38.6	39.0	9.78	10.15	10.22
Cincinnati	357.28	389.46	391.53	40.5	40.4	40.7	8.80	9.64	9.62
Cleveland	399.89	408.80	409.05	41.1	40.0	40.3	9.72	10.22	10.15
Columbus	351.88	369.18	373.97	40.4	39.4	39.7	8.71	9.37	9.42
Dayton	412.72	422.51	406.02	41.9	41.1	40.4	9.85	10.28	10.05
Toledo	399.78	462.31	455.94	40.3	41.8	41.6	9.92	11.06	10.96
Youngstown—Warren	491.64	466.89	439.67	41.7	39.4	38.1	11.79	11.85	11.54
OKLAHOMA	328.43	346.63	343.30	40.2	39.3	39.1	8.17	8.82	8.78
Oklahoma City	346.80	358.94	350.35	40.0	39.1	38.5	8.67	9.18	9.10
Tulsa	357.93	373.26	374.22	41.0	38.8	38.9	8.73	9.62	9.62
OREGON	353.03	(*)	(*)	37.2	(*)	(*)	9.49	(*)	(*)
Eugene—Springfield	362.18	403.20	(*)	36.4	38.4	(*)	9.95	10.50	(*)
Jackson County	352.64	336.42	(*)	38.0	35.6	(*)	9.28	9.45	(*)
Portland	364.23	383.72	(*)	38.3	37.4	(*)	9.51	10.26	(*)
Salem	279.55	(*)	(*)	33.6	(*)	(*)	8.32	(*)	(*)
PENNSYLVANIA	329.78	331.78	328.52	39.4	38.4	38.2	8.37	8.64	8.60
Allentown—Bethlehem—Easton	337.95	343.28	329.62	38.8	38.1	37.8	8.71	9.01	8.72
Altoona	276.71	286.69	285.64	38.7	38.9	38.6	7.15	7.37	7.40
Delaware Valley [1]	335.91	342.53	342.91	39.8	38.7	38.4	8.44	8.85	8.93
Erie	354.32	358.16	359.72	41.2	39.1	39.4	8.60	9.16	9.13
Harrisburg	312.84	323.05	328.95	39.5	38.7	38.7	7.92	8.27	8.50
Johnstown	339.21	302.56	282.43	37.9	35.1	32.5	8.95	8.62	8.69

See footnotes at end of table.

C-12. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas—Continued

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	AUG. 1981	JULY 1982	AUG. 1982P	AUG. 1981	JULY 1982	AUG. 1982P	AUG. 1981	JULY 1982	AUG. 1982P
PENNSYLVANIA—Continued									
Lancaster	$280.91	$295.73	$300.30	38.8	37.8	38.5	$7.24	$7.85	$7.80
Northeast Pennsylvania	237.37	264.00	252.58	37.1	37.5	36.5	6.39	7.04	6.92
Philadelphia SMSA	335.16	341.22	342.53	39.9	38.6	38.4	8.40	8.84	8.92
Pittsburgh	413.91	396.23	397.13	40.5	37.7	37.5	10.22	10.51	10.59
Reading	305.35	311.92	315.25	39.3	37.9	37.8	7.77	8.23	8.34
Williamsport	297.14	307.70	314.42	39.2	38.9	39.8	7.58	7.91	7.90
York	311.40	319.19	314.40	41.3	40.3	40.0	7.54	7.92	7.86
RHODE ISLAND									
Providence—Warwick—Pawtucket	236.78	252.45	251.17	38.5	37.4	37.6	6.15	6.75	6.68
	235.95	248.34	246.28	38.6	37.4	37.6	6.11	6.64	6.55
SOUTH CAROLINA									
Charleston—North Charleston	255.15	260.94	258.69	40.5	38.6	38.9	6.30	6.76	6.65
Columbia	273.53	285.01	291.83	39.3	37.9	38.5	6.95	7.52	7.58
Greenville—Spartanburg	247.02	241.39	248.68	40.1	37.1	38.2	6.16	6.52	6.51
	253.58	247.43	243.08	40.9	38.6	38.1	6.20	6.41	6.38
SOUTH DAKOTA									
Sioux Falls	297.19	314.38	322.41	40.6	41.6	42.2	7.32	7.55	7.64
	402.74	451.97	479.21	45.1	45.7	48.7	8.93	9.89	9.84
TENNESSEE									
Chattanooga	268.53	278.32	283.35	39.9	39.2	39.3	6.73	7.10	7.21
Knoxville	271.39	265.42	272.22	40.4	38.5	39.0	6.73	6.92	6.98
Memphis	297.30	326.33	(*)	39.6	39.6	(*)	7.50	8.24	(*)
Nashville—Davidson	300.64	303.51	301.80	40.3	40.2	39.4	7.46	7.55	7.66
	301.25	313.98	316.80	40.6	40.1	40.0	7.42	7.83	7.92
TEXAS									
Dallas—Fort Worth	339.89	347.40	346.98	41.5	40.4	40.3	8.19	8.60	8.61
Houston	315.65	335.76	337.39	41.1	40.6	40.6	7.68	8.27	8.31
San Antonio	421.41	431.81	433.47	43.4	41.6	41.6	9.71	10.38	10.42
	241.93	244.09	244.45	41.0	38.5	39.3	5.90	6.34	6.22
UTAH									
Salt Lake City—Ogden	311.63	323.33	327.08	39.8	38.4	38.3	7.83	8.42	8.54
	297.25	323.59	321.48	39.9	38.8	38.5	7.45	8.34	8.35
VERMONT									
Burlington	270.96	285.57	292.82	39.6	38.8	39.2	6.84	7.36	7.47
Springfield	295.39	319.63	334.15	40.8	40.1	40.8	7.24	7.97	8.19
	303.28	312.76	312.80	40.6	38.9	39.1	7.47	8.04	8.00
VIRGINIA									
Bristol	275.52	283.71	284.06	39.7	38.6	38.7	6.94	7.35	7.34
Lynchburg	224.53	244.53	238.38	37.5	37.3	37.6	5.99	6.56	6.34
Norfolk—Virginia Beach—Portsmouth	274.53	242.56	260.59	40.1	38.8	38.6	6.85	6.97	7.12
Northern Virginia	292.33	308.04	324.02	40.9	40.8	42.3	7.14	7.55	7.66
Petersburg—Colonial Heights—Hopewell	299.55	298.35	313.62	39.9	38.3	39.4	7.51	7.79	7.96
Richmond	352.80	394.79	378.30	40.0	40.7	39.0	8.82	9.70	9.70
Roanoke	345.84	360.06	358.16	39.3	38.8	39.1	8.80	9.28	9.16
	247.02	252.50	249.31	38.9	39.2	39.2	6.35	6.61	6.36
WASHINGTON									
Seattle—Everett	405.50	(*)	(*)	38.4	(*)	(*)	10.56	(*)	(*)
	421.79	(*)	(*)	39.2	(*)	(*)	10.76	(*)	(*)
WEST VIRGINIA									
Charleston	347.63	358.52	358.52	39.5	38.1	38.1	8.80	9.41	9.41
Huntington—Ashland	429.93	433.13	435.72	43.5	41.2	41.3	9.86	10.44	10.55
Parkersburg—Marietta	393.23	381.22	392.77	38.9	35.2	36.2	10.11	10.83	10.85
Wheeling	361.82	412.29	424.09	40.7	40.5	41.7	8.89	10.18	10.17
	380.81	385.88	387.62	38.7	37.5	37.2	9.84	10.29	10.42
WISCONSIN									
Appleton—Oshkosh	348.06	372.57	366.15	39.9	40.0	39.6	8.73	9.31	9.25
Eau Claire	351.43	365.22	362.39	41.6	41.1	40.7	8.45	8.88	8.91
Green Bay	348.59	353.96	357.29	41.0	40.3	39.9	8.49	8.78	8.95
Janesville—Beloit	369.30	409.18	397.97	42.5	42.6	42.5	8.71	9.61	9.36
Kenosha	359.18	388.19	352.41	38.9	39.0	38.9	9.23	9.96	9.06
La Crosse	385.26	499.45	492.20	39.3	42.3	41.8	9.81	11.81	11.79
Madison	313.33	329.35	331.35	40.4	37.6	38.2	7.77	8.75	8.68
Milwaukee	338.54	372.98	360.05	40.0	40.5	39.8	8.47	9.22	9.06
Racine	390.31	414.93	415.17	39.8	39.7	39.5	9.80	10.45	10.51
	377.54	402.37	362.26	40.0	39.6	37.6	9.44	10.17	9.65
WYOMING	328.45	323.38	316.40	40.4	38.0	37.4	8.13	8.51	8.46

See footnotes at end of table.

C-12. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas—Continued

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	AUG. 1981	JULY 1982	AUG. 1982P	AUG. 1981	JULY 1982	AUG. 1982P	AUG. 1981	JULY 1982	AUG. 1982P
VIRGIN ISLANDS	$360.14	$408.35	$404.26	41.3	41.5	41.0	$8.72	$9.84	$9.86

[1] Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.
[2] Subarea of New York—Northeastern New Jersey.
[3] Subarea of Rochester Standard Metropolitan Statistical Area.
[4] Area included in New York and Nassau—Suffolk combined SMSA's.
[5] Subarea of New York Standard Metropolitan Statistical Area.
[6] Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pennsylvania.
[7] Subarea of Washington, D.C. Standard Metropolitan Statistical Area: Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park cities, and Arlington, Fairfax, Loudoun, and Prince William Counties, Virginia.

p = preliminary.
*Not available.

SOURCE: Cooperating State agencies listed on inside back cover.

D-1. Labor force and unemployment by State and selected metropolitan areas

(Numbers in thousands)

State and area	Labor force			Unemployment					
				Number			Percent of labor force		
	AUG. 1981	JUL. 1982	AUG. 1982P	AUG. 1981	JUL. 1982	AUG. 1982P	AUG. 1981	JUL. 1982	AUG. 1982P
ALABAMA	1,657.6	1,704.0	1,690.0	174.7	250.2	239.8	10.5	14.7	14.2
Birmingham	377.3	383.5	383.6	42.1	52.9	55.8	11.1	13.8	14.6
Huntsville	141.9	149.1	148.0	14.1	19.6	16.8	9.9	13.1	11.4
Mobile	189.8	193.3	190.3	18.2	27.9	27.2	9.6	14.4	14.3
Montgomery	120.4	122.9	121.5	11.2	14.7	14.6	9.3	12.0	12.1
Tuscaloosa	53.6	54.1	54.0	5.2	6.8	6.5	9.6	12.2	12.0
ALASKA	202.6	212.4	210.2	16.1	18.7	17.6	7.9	8.8	8.4
ARIZONA	1,240.1	1,311.5	1,317.4	73.0	144.7	149.5	5.9	11.0	11.3
Phoenix	733.4	791.3	795.9	37.4	66.6	68.7	4.9	8.4	8.6
Tucson	225.0	238.0	239.5	11.3	24.5	25.1	5.0	10.3	10.5
ARKANSAS	1,042.0	1,026.6	1,031.3	88.2	97.8	100.4	8.5	9.5	9.7
Fayetteville-Springdale	80.9	80.2	80.6	4.6	5.7	6.2	5.7	7.1	7.7
Fort Smith[1]	89.3	87.2	85.9	7.4	9.6	9.1	8.3	11.0	10.6
Little Rock-North Little Rock	230.4	197.5	198.8	15.4	15.9	16.1	7.7	8.0	8.1
Pine Bluff	41.2	40.3	40.3	4.1	4.4	4.4	10.1	10.8	11.0
CALIFORNIA[1]	11,927.7	12,336.3	12,303.5	820.8	1,316.3	1,249.5	6.9	10.7	10.2
Anaheim-Santa Ana-Garden Grove	1,174.0	1,218.0	1,223.1	52.5	95.5	96.6	4.5	7.8	7.9
Bakersfield	199.1	210.1	209.8	14.9	26.1	26.5	7.5	12.4	12.6
Fresno	294.1	304.1	310.9	24.3	38.7	38.2	8.3	12.7	12.3
Los Angeles-Long Beach[1]	3,799.0	3,830.0	3,778.0	248.7	393.0	343.0	6.5	10.4	9.1
Modesto	146.7	149.3	151.8	15.7	26.5	22.8	10.7	17.7	15.0
Oxnard-Simi Valley-Ventura	248.5	266.2	268.6	20.7	31.0	34.9	8.3	11.6	13.0
Riverside-San Bernardino-Ontario	586.1	643.3	640.6	52.6	87.4	90.1	8.8	13.6	14.1
Sacramento	498.3	515.7	521.4	39.5	61.8	58.8	7.9	12.0	11.3
Salinas-Seaside-Monterey	140.3	148.1	147.4	10.7	14.0	13.7	7.6	9.5	9.3
San Diego	789.2	828.6	832.2	54.9	91.2	91.3	6.9	11.0	11.0
San Francisco-Oakland	1,688.7	1,766.9	1,771.2	101.6	156.1	156.7	6.0	8.8	8.8
San Jose	798.3	831.6	836.9	46.4	67.2	65.6	5.8	8.1	7.8
Santa Barbara-Santa Maria-Lompoc	154.7	162.2	161.9	9.1	13.5	12.9	5.9	8.3	7.9
Santa Rosa	141.4	146.8	148.7	10.3	16.1	15.8	7.3	11.0	10.6
Stockton	178.1	183.8	185.6	16.6	29.2	25.6	9.3	15.7	13.8
Vallejo-Fairfield-Napa	134.8	142.1	142.6	9.9	15.6	16.0	7.3	11.0	11.2
COLORADO	1,341.2	1,388.6	1,390.8	76.4	116.2	114.1	5.0	7.3	7.2
Denver-Boulder	911.5	935.9	940.1	42.6	59.3	59.9	4.7	6.3	6.4
CONNECTICUT	1,586.7	1,625.7	1,598.4	88.6	114.9	103.2	5.2	7.1	6.6
Bridgeport	190.9	193.4	195.0	11.6	13.3	14.3	6.1	7.8	7.4
Hartford	383.3	394.6	386.2	22.9	26.3	24.3	6.0	6.7	6.3
New Britain	73.4	73.5	72.1	5.8	7.1	6.7	8.0	9.7	9.3
New Haven-West Haven	196.5	202.0	199.5	13.1	13.9	12.8	6.7	6.9	6.4
Stamford	123.6	126.8	124.0	4.7	4.8	4.4	3.8	3.8	3.5
Waterbury	107.3	111.0	109.0	7.7	10.0	8.9	7.2	9.0	8.1
DELAWARE	296.5	306.9	304.4	26.5	25.3	30.5	9.0	8.3	10.0
Wilmington[1]	238.1	263.7	262.0	23.0	21.9	29.0	9.7	8.3	11.1
DISTRICT OF COLUMBIA	317.3	337.6	334.1	32.1	39.8	37.2	10.2	11.8	11.1
Washington SMSA[1]	1,704.7	1,748.0	1,736.4	90.3	111.6	104.9	5.3	6.4	6.0
FLORIDA[2]	4,602.7	4,853.6	4,863.0	308.4	364.9	378.7	6.7	7.5	7.8
Daytona Beach	112.3	115.5	113.4	6.6	6.3	6.7	5.9	5.6	6.0
Fort Lauderdale-Hollywood	491.7	509.7	510.6	25.4	31.5	33.1	5.2	6.2	6.5
Fort Myers-Cape Coral	92.0	100.0	101.4	5.1	7.0	7.7	5.5	7.0	7.5
Gainsville	80.1	83.6	83.8	3.4	3.3	4.1	4.3	3.9	4.9
Jacksonville	344.9	370.1	370.9	20.3	24.4	23.3	5.9	6.6	6.3
Lakeland-Winter Haven	148.6	148.1	149.6	22.5	26.3	27.7	15.1	17.8	18.5
Melbourne-Titusville-Cocoa	128.6	132.5	132.6	9.8	10.2	10.0	7.6	7.7	7.6
Miami	836.8	877.7	881.7	53.9	61.1	68.1	6.4	7.4	7.7
Orlando	383.5	392.6	393.4	25.7	24.8	24.9	6.7	6.3	6.3
Pensacola	121.8	130.4	131.0	7.0	7.6	8.7	5.6	5.8	6.6
Sarasota	81.0	87.9	86.7	5.6	6.0	6.3	6.4	6.8	7.3
Tallahassee	87.8	90.0	93.0	3.7	3.8	4.7	4.2	4.2	5.0
Tampa-St. Petersburg	703.3	761.5	761.1	40.3	51.3	54.4	5.7	6.7	7.1
West Palm Beach-Boca Raton	275.6	288.5	288.0	20.8	24.6	24.6	7.5	8.5	8.5

See footnotes at end of table.

STATE AND AREA UNEMPLOYMENT DATA

D-1. Labor force and unemployment by State and selected metropolitan areas—Continued

[Numbers in thousands]

State and area	Labor force			Unemployment					
				Number			Percent of labor force		
	AUG. 1981	JUL. 1982	AUG. 1982P	AUG. 1981	JUL. 1982	AUG. 1982P	AUG. 1981	JUL. 1982	AUG. 1982P
GEORGIA	2,610.1	2,691.8	2,694.3	157.7	218.6	200.1	6.0	8.1	7.4
Albany	54.1	56.2	55.7	4.2	6.5	5.1	7.8	11.6	9.2
Atlanta	1,065.4	1,114.7	1,117.3	59.0	78.9	68.1	5.5	6.4	6.1
Augusta	130.4	138.5	139.0	8.6	12.3	12.5	6.6	8.9	9.0
Columbus[1]	89.9	91.1	90.8	7.0	9.0	8.5	7.7	9.9	9.3
Macon	107.5	110.2	110.4	6.4	7.5	7.2	6.0	6.8	6.6
Savannah	93.7	98.5	99.5	5.3	7.6	7.6	5.6	7.7	7.6
HAWAII	434.2	458.3	455.4	24.6	34.9	34.7	5.4	7.6	7.6
Honolulu	348.9	350.4	347.7	17.5	24.6	24.2	5.0	7.0	7.0
IDAHO	436.2	446.1	444.8	29.4	40.1	39.7	6.7	9.0	8.9
Boise City	88.9	91.4	90.9	4.8	6.0	5.9	5.4	6.6	6.4
ILLINOIS[1]	5,662.2	5,758.8	5,717.5	457.0	701.8	651.1	8.1	12.2	11.4
Bloomington—Normal	61.1	60.7	62.5	3.5	5.0	5.6	5.8	8.3	9.0
Champaign—Urbana—Rantoul	82.2	83.6	83.6	4.6	7.0	6.6	5.6	8.1	7.9
Chicago	3,361.1	3,411.7	3,400.5	283.2	410.2	380.8	7.9	11.4	10.6
Davenport—Rock Island—Moline[1]	192.0	196.0	191.0	17.0	30.0	26.8	8.9	15.1	14.0
Decatur	62.9	65.0	64.6	6.2	10.9	12.8	9.9	16.7	19.9
Kankakee	42.1	44.2	43.4	4.9	7.7	7.1	11.6	17.4	16.3
Peoria	177.2	181.3	177.8	12.5	29.4	26.7	7.0	16.2	15.0
Rockford	137.4	140.6	140.2	12.5	27.2	25.9	9.1	19.3	18.5
Springfield	103.0	103.0	102.5	6.2	7.6	7.2	5.9	7.4	6.7
INDIANA	2,600.1	2,563.8	2,561.7	236.1	292.4	283.2	9.1	11.4	11.1
Anderson	54.8	53.9	53.0	6.2	7.1	7.2	11.3	13.2	13.5
Elkhart	66.8	65.9	65.9	5.3	6.5	6.5	7.9	9.9	9.9
Evansville	149.0	147.0	146.1	11.6	12.7	11.7	7.8	8.6	8.0
Fort Wayne	193.0	187.9	188.2	15.9	22.0	20.9	8.2	11.7	11.1
Gary—Hammond—East Chicago	293.9	295.0	295.0	31.8	45.7	44.3	10.8	15.5	15.0
Indianapolis	613.7	605.1	608.2	50.1	54.9	53.6	8.2	9.1	8.8
Lafayette—West Lafayette	59.2	60.0	59.8	3.6	5.1	5.2	6.2	8.5	8.8
Muncie	55.5	53.8	53.8	6.4	7.3	7.2	11.6	13.5	13.3
South Bend	133.5	133.5	132.3	10.8	13.8	12.2	8.1	10.4	9.3
Terre Haute	77.2	75.2	73.7	6.8	8.7	8.5	8.9	11.5	11.5
IOWA	1,424.5	1,410.0	1,369.6	94.7	122.5	113.0	6.6	8.7	8.3
Cedar Rapids	86.2	82.7	80.7	6.8	9.5	8.8	7.9	11.5	10.9
Des Moines	179.6	176.1	171.7	12.6	14.6	14.5	7.0	8.3	8.5
Dubuque	44.3	42.8	41.5	4.1	6.5	6.1	9.3	15.1	14.7
Sioux City[1]	54.2	56.0	53.1	4.1	6.9	6.6	7.5	9.1	8.7
Waterloo—Cedar Falls	67.3	65.3	63.4	5.7	7.8	7.0	8.5	11.9	11.1
KANSAS	1,191.8	1,167.1	1,169.7	68.4	74.9	83.1	5.1	6.4	7.1
Lawrence	33.5	31.5	32.3	1.5	1.8	1.8	4.6	5.8	5.5
Topeka	93.6	92.9	93.2	5.1	6.1	6.4	5.3	6.5	6.8
Wichita	229.6	222.0	224.0	10.1	20.5	25.8	4.4	9.2	11.5
KENTUCKY	1,666.2	1,648.9	1,673.4	128.6	187.0	181.0	7.7	11.3	10.8
Lexington—Fayette	179.6	180.0	182.5	7.8	13.2	12.6	4.3	7.3	6.8
Louisville[1]	437.7	431.0	436.0	40.4	50.3	50.6	9.2	11.7	11.6
Owensboro	44.4	40.1	41.2	2.9	3.8	3.8	6.5	9.4	9.2
LOUISIANA	1,871.6	1,900.8	1,907.2	152.4	213.9	207.1	8.1	11.4	10.9
Alexandria	74.1	74.0	74.6	7.9	9.1	8.3	10.7	12.2	11.2
Baton Rouge	229.0	225.9	226.7	18.4	23.5	22.4	8.1	10.4	9.9
Lafayette	92.9	99.4	100.0	5.3	5.9	5.9	5.8	5.9	5.9
Lake Charles	82.1	79.7	79.2	6.9	12.5	12.2	8.3	15.6	15.4
Monroe	55.4	55.9	55.6	5.8	7.9	7.6	10.4	14.2	13.7
New Orleans	518.8	516.3	513.5	50.4	53.7	50.0	9.8	10.4	9.7
Shreveport	164.0	161.5	162.8	13.1	16.5	16.8	8.0	10.2	10.3
MAINE	527.6	550.9	538.5	31.5	52.6	41.1	6.0	9.7	7.6
Lewiston—Auburn	35.2	38.9	38.2	2.6	5.8	3.4	6.7	14.9	8.9
Portland	91.1	96.1	94.6	4.6	6.8	5.4	5.1	7.1	5.7
MARYLAND	2,139.5	2,223.9	2,201.6	154.9	192.5	190.8	7.2	8.7	8.7
Baltimore	1,063.0	1,108.1	1,089.9	89.2	111.7	110.0	8.4	10.1	10.1

See footnotes at end of table.

D-1. Labor force and unemployment by State and selected metropolitan areas—Continued

(Numbers in thousands)

State and area	Labor force			Unemployment					
				Number			Percent of labor force		
	AUG. 1981	JUL. 1982	AUG. 1982P	AUG. 1981	JUL. 1982	AUG. 1982P	AUG. 1981	JUL. 1982	AUG. 1982P
MASSACHUSETTS[1]	3,026.7	3,108.1	3,124.3	217.3	299.2	238.4	7.2	9.6	7.6
Boston	1,459.1	1,485.5	1,502.9	100.5	120.9	101.7	6.9	8.1	6.8
Brockton	83.9	84.4	84.4	7.6	9.8	7.9	9.0	11.6	9.3
Fall River[1]	75.6	74.4	78.5	6.2	10.4	7.9	8.2	14.0	10.1
Lawrence—Haverhill[1]	151.5	153.1	151.9	10.6	18.2	13.3	7.0	11.9	8.8
Lowell	131.5	134.6	136.6	9.4	11.5	9.3	7.2	8.5	6.8
New Bedford	87.2	90.3	88.5	7.5	14.0	10.0	8.6	15.5	11.3
Springfield—Chicopee—Holyoke	282.9	299.7	299.3	19.7	28.3	22.3	7.0	9.4	7.4
Worcester	202.7	213.1	210.6	13.6	24.1	19.2	6.7	11.3	9.1
MICHIGAN[2]	4,382.4	4,405.6	4,378.8	483.2	648.3	637.0	11.0	14.7	14.5
Ann Arbor	143.3	145.9	146.0	10.8	15.7	16.7	7.6	10.7	11.4
Battle Creek	82.1	86.7	84.8	7.6	15.4	13.2	9.2	17.8	15.5
Bay City	54.5	55.8	55.9	6.0	7.3	7.6	11.1	13.1	13.5
Detroit	2,017.4	2,016.6	2,008.7	231.7	306.8	304.5	11.5	15.2	15.2
Flint	232.5	230.7	226.5	36.7	41.0	39.6	15.8	17.8	17.5
Grand Rapids	329.8	338.9	336.6	25.8	39.1	35.9	7.8	11.5	10.7
Jackson	67.8	68.8	67.5	6.4	11.2	10.5	9.4	16.3	15.5
Kalamazoo—Portage	139.9	142.2	141.6	10.5	14.9	14.4	7.5	10.5	10.2
Lansing—East Lansing	258.2	248.8	249.2	37.9	30.8	33.7	14.7	12.4	13.5
Muskegon—Norton Shores—Muskegon Heights	80.2	83.2	83.2	8.5	14.2	14.5	10.6	17.0	17.4
Saginaw	104.6	104.9	104.4	13.0	15.9	15.4	12.4	15.2	14.8
MINNESOTA	2,162.3	2,184.4	2,181.4	98.9	160.3	159.9	4.6	7.3	7.3
Duluth—Superior[1]	113.8	114.5	115.4	7.2	21.8	22.5	6.3	19.0	19.5
Minneapolis—St. Paul	1,147.6	1,149.2	1,157.0	47.0	71.9	74.0	4.1	6.3	6.4
Rochester	58.2	58.4	58.7	2.1	3.0	3.0	3.7	5.2	5.1
St. Cloud	74.6	77.9	77.6	4.2	6.7	6.7	5.7	8.6	8.6
MISSISSIPPI	1,047.8	1,063.8	1,052.3	85.2	131.0	131.9	8.1	12.3	12.5
Jackson	159.6	159.0	158.4	9.8	13.8	13.8	6.1	8.7	8.7
MISSOURI	2,327.0	2,375.4	2,349.2	174.5	213.9	210.6	7.5	9.0	9.0
Kansas City[1]	691.7	682.4	677.6	47.1	52.8	56.8	6.8	7.7	8.4
St. Joseph	44.7	45.3	44.6	3.7	4.4	4.5	8.2	9.6	10.1
St. Louis[1]	1,126.7	1,148.8	1,137.2	94.3	112.2	108.1	8.4	9.8	9.5
Springfield	107.2	110.8	109.2	5.6	9.0	7.5	5.2	8.1	6.9
MONTANA	399.8	387.8	389.4	24.3	32.9	30.1	6.1	8.5	7.7
Billings	58.6	59.8	60.2	2.8	4.1	3.7	4.7	6.8	6.2
Great Falls	35.1	35.6	35.7	2.6	3.0	2.8	7.3	8.3	7.9
NEBRASKA	781.0	799.4	781.3	28.2	46.8	43.3	3.6	5.8	5.5
Lincoln	110.0	109.1	108.8	3.9	5.6	5.5	3.6	5.1	5.0
Omaha[1]	281.3	284.0	278.7	14.9	20.7	18.4	5.3	7.3	6.6
NEVADA	472.3	489.6	490.2	28.1	48.4	50.1	6.0	9.9	10.2
Las Vegas	261.3	271.0	271.5	18.3	30.2	31.3	7.0	11.1	11.5
Reno	129.3	134.9	134.5	5.6	10.4	10.7	4.3	7.7	8.0
NEW HAMPSHIRE	492.4	502.1	491.4	22.1	45.6	31.7	4.5	9.1	6.5
Manchester	84.0	88.1	84.2	4.4	10.5	5.7	5.2	12.0	6.8
Nashua	84.3	84.2	83.3	4.1	6.3	5.5	4.9	7.5	6.6
NEW JERSEY	3,574.1	3,711.1	3,660.1	236.2	311.9	320.2	6.6	8.4	8.7
Atlantic City	120.4	128.2	126.4	7.6	10.1	10.4	6.3	7.9	8.2
Jersey City	239.3	248.5	245.9	23.2	31.4	31.4	9.7	12.6	12.8
Long Branch—Asbury Park	247.2	263.3	258.8	15.6	20.2	20.5	6.3	7.7	7.9
New Brunswick—Perth Amboy—Sayreville	327.2	340.7	336.6	21.6	28.7	29.3	6.6	8.4	8.7
Newark	952.3	996.8	989.5	68.1	80.2	87.0	7.1	8.0	8.8
Paterson—Clifton—Passaic	205.6	214.2	209.6	16.6	24.2	24.0	8.1	11.3	11.5
Trenton	155.2	161.7	158.2	8.0	13.1	13.1	5.2	8.1	8.3
Vineland—Millville—Bridgeton	59.4	60.6	61.0	5.8	9.3	9.1	9.7	15.3	15.0
NEW MEXICO	578.5	596.5	602.1	39.0	59.8	60.6	6.7	10.0	10.1
Albuquerque	213.1	218.7	220.5	15.0	19.3	19.0	7.0	8.8	8.6
Las Cruces	34.2	37.4	37.9	2.5	4.2	4.2	7.3	11.1	11.0

See footnotes at end of table.

STATE AND AREA UNEMPLOYMENT DATA

D-1. Labor force and unemployment by State and selected metropolitan areas—Continued

(Numbers in thousands)

State and area	Labor force			Unemployment					
				Number			Percent of labor force		
	AUG. 1981	JUL. 1982	AUG. 1982P	AUG. 1981	JUL. 1982	AUG. 1982P	AUG. 1981	JUL. 1982	AUG. 1982P
NEW YORK[2]	8,096.7	8,243.9	8,160.6	571.2	699.8	684.7	7.1	8.5	8.4
Albany—Schenectady—Troy	385.6	385.1	386.7	21.2	26.3	24.2	5.5	6.8	6.3
Binghamton[1]	141.5	145.8	145.7	8.4	11.1	10.0	6.0	7.6	6.9
Buffalo	577.7	569.5	567.8	58.2	70.9	67.1	10.1	12.4	11.8
Elmira	40.1	40.1	39.3	2.9	5.0	4.1	7.2	12.4	10.4
Nassau-Suffolk	1,347.8	1,377.8	1,376.1	81.6	89.9	80.8	6.1	6.5	5.9
New York	3,642.2	3,738.7	3,658.8	271.4	333.7	353.8	7.5	8.9	9.7
New York City[3]	3,009.0	3,095.0	3,019.0	242.0	301.0	322.0	8.1	9.7	10.7
Poughkeepsie	113.1	116.8	118.3	5.8	6.4	6.1	5.1	5.5	5.2
Rochester	481.8	492.0	491.7	27.0	34.4	30.9	5.6	7.0	6.3
Syracuse	303.4	305.2	303.9	19.1	24.4	21.7	6.3	8.0	7.1
Utica—Rome	138.0	140.7	139.9	9.4	12.8	10.8	6.8	9.1	7.7
NORTH CAROLINA	2,945.5	2,988.7	2,964.2	179.5	292.7	266.7	6.1	9.8	9.0
Asheville	92.5	93.9	93.2	5.3	7.0	7.0	5.7	7.5	7.6
Charlotte—Gastonia	374.4	381.7	379.8	18.8	29.0	28.1	5.0	7.6	7.4
Greensboro—Winston-Salem—High Point	448.5	454.1	452.6	26.1	36.6	37.5	5.8	8.0	8.3
Raleigh—Durham	308.0	314.6	314.8	11.4	13.7	14.0	3.7	4.4	4.4
NORTH DAKOTA	339.2	333.4	333.2	14.0	15.4	15.7	4.1	4.6	4.7
Fargo—Moorehead[1]	72.2	72.1	71.9	3.6	3.6	3.4	5.0	4.8	4.8
OHIO[2]	5,162.8	5,260.5	5,234.7	486.6	644.0	656.9	9.4	12.2	12.5
Akron	307.0	310.8	310.0	30.1	37.6	37.6	9.8	12.1	12.1
Canton	191.8	201.7	199.2	17.4	29.1	28.8	9.1	14.4	14.5
Cincinnati[1]	683.6	696.7	694.5	59.1	74.2	72.6	8.7	10.6	10.4
Cleveland	947.5	958.8	953.8	79.7	102.9	105.4	8.4	10.7	11.0
Columbus	569.2	581.1	580.3	44.7	52.8	53.6	7.8	9.1	9.2
Dayton	392.7	401.3	399.3	33.6	44.5	45.5	8.6	11.1	11.4
Toledo[1]	370.7	374.3	371.6	39.9	47.2	45.2	10.8	12.6	12.2
Youngstown—Warren	234.5	243.4	246.6	27.4	44.4	51.6	11.7	18.2	20.9
OKLAHOMA	1,446.9	1,494.9	1,474.3	44.9	91.2	82.8	3.1	6.1	5.6
Enid	30.3	29.7	29.3	.9	1.7	1.6	2.9	5.6	5.3
Lawton	33.7	35.2	33.5	1.2	2.0	1.6	3.6	5.6	4.9
Oklahoma City	446.9	467.2	463.1	13.0	23.3	20.8	2.9	5.0	4.5
Tulsa	360.8	369.5	365.9	10.9	25.2	23.3	3.0	6.8	6.4
OREGON	1,338.1	1,311.2	1,300.8	122.3	135.7	131.9	9.1	10.4	10.1
Eugene—Springfield	138.9	130.2	129.9	15.2	15.0	14.3	10.9	11.5	11.0
Portland[1]	654.0	652.6	642.8	50.8	62.2	61.4	7.8	9.5	9.6
Salem	129.8	130.6	131.4	9.5	10.8	10.6	7.3	8.2	8.0
PENNSYLVANIA[2]	5,582.5	5,585.0	5,593.4	432.1	596.2	574.9	7.7	10.7	10.3
Allentown—Bethlehem—Easton[1]	318.0	315.2	319.6	24.0	31.8	35.5	7.5	10.1	11.1
Altoona	59.7	58.4	59.4	6.4	5.5	8.2	10.7	9.4	13.9
Erie	126.6	127.6	127.3	11.4	15.3	14.2	9.0	12.0	11.1
Harrisburg	242.5	247.7	247.6	13.6	15.9	13.6	5.6	6.4	5.5
Johnstown	107.9	109.6	108.3	11.8	18.9	15.9	10.9	17.2	14.7
Lancaster	189.0	189.4	190.5	9.2	14.1	12.4	4.9	7.4	6.5
Northeast Pennsylvania	295.2	291.2	294.0	27.6	33.4	27.5	9.4	11.5	9.3
Philadelphia[1]	2,224.9	2,217.1	2,206.7	168.1	186.8	179.0	7.6	8.4	8.1
Pittsburgh	1,052.5	1,054.7	1,058.4	67.2	130.2	132.4	6.4	12.3	12.5
Reading	158.8	160.2	160.8	11.4	15.8	13.7	7.2	9.9	8.5
Williamsport	54.2	53.5	53.4	5.8	6.3	5.8	10.7	11.9	10.8
York	183.7	185.6	186.7	13.5	21.0	21.0	7.3	11.3	11.2
RHODE ISLAND	483.8	478.3	486.1	37.9	49.9	46.2	7.8	10.4	9.5
Providence—Warwick—Pawtucket[1]	477.0	470.6	478.4	38.3	52.2	47.6	8.0	11.1	10.0
SOUTH CAROLINA	1,425.3	1,492.2	1,483.8	115.9	175.2	167.7	8.1	11.7	11.3
Charleston—North Charleston	171.7	184.0	181.9	13.4	17.0	16.0	7.8	9.3	8.8
Columbia	184.1	193.6	193.8	12.1	16.2	15.7	6.6	8.4	8.1
Greenville—Spartanburg	283.0	298.6	295.4	20.5	33.5	32.7	7.2	11.2	11.1
SOUTH DAKOTA	346.3	336.3	334.4	15.2	15.3	14.4	4.4	4.5	4.3
Sioux Falls	61.8	62.5	62.2	2.7	2.4	2.3	4.4	3.8	3.7
TENNESSEE	2,111.4	2,115.0	2,120.2	178.2	246.8	234.6	8.4	11.7	11.1
Chattanooga[1]	198.3	205.7	203.3	15.7	25.1	22.3	7.9	12.2	11.0
Knoxville	227.8	231.8	231.5	16.2	18.5	17.7	7.1	8.0	7.6
Memphis[1]	411.1	407.0	407.8	35.3	39.0	38.6	8.6	9.6	9.5
Nashville—Davidson	430.6	421.7	427.9	28.3	36.2	35.9	6.6	8.6	8.4

See footnotes at end of table.

D-1. Labor force and unemployment by State and selected metropolitan areas—Continued

(Numbers in thousands)

State and area	Labor force			Unemployment					
				Number			Percent of labor force		
	AUG. 1981	JUL. 1982	AUG. 1982P	AUG. 1981	JUL. 1982	AUG. 1982P	AUG. 1981	JUL. 1982	AUG. 1982P
TEXAS[1]	7,092.3	7,393.7	7,373.7	408.0	542.4	518.6	5.8	7.3	7.0
Dallas—Fort Worth	1,668.3	1,754.8	1,759.2	89.2	110.2	104.9	5.3	6.3	6.0
Houston	1,681.9	1,754.7	1,750.2	81.7	125.3	122.6	4.9	7.1	7.0
San Antonio	460.6	476.3	471.6	34.1	38.1	34.3	7.4	8.0	7.3
UTAH	644.7	668.6	674.1	39.5	50.1	50.4	6.1	7.5	7.5
Salt Lake City—Ogden	423.8	435.9	439.4	26.3	31.2	32.1	6.2	7.2	7.3
VERMONT	261.5	272.5	273.7	13.7	18.9	17.2	5.3	6.9	6.3
VIRGINIA	2,613.7	2,661.7	2,641.3	148.3	202.4	191.9	5.7	7.6	7.3
Lynchburg	74.3	76.0	75.4	4.0	6.3	6.5	5.4	8.3	8.6
Newport News—Hampton	169.0	173.9	173.8	10.2	11.0	10.5	6.1	6.3	6.1
Norfolk—Virginia Beach—Portsmouth[1]	339.8	343.8	341.1	21.2	24.7	24.1	6.2	7.2	7.1
Petersburg—Colonial Heights—Hopewell	57.1	59.3	59.4	4.6	5.2	5.1	8.1	8.7	8.7
Richmond	332.9	341.5	339.0	14.0	20.1	19.0	4.2	5.9	5.6
Roanoke	111.1	112.9	112.0	6.2	9.1	7.8	5.6	8.0	7.0
WASHINGTON	1,984.4	1,997.5	2,005.2	183.6	243.8	240.1	9.3	12.2	12.0
Seattle—Everett	861.8	875.6	880.0	67.2	96.7	94.8	7.8	11.0	10.8
Spokane	148.0	147.9	148.6	13.9	18.5	18.3	9.4	12.5	12.3
Tacoma	177.5	181.5	183.2	17.0	23.0	22.8	9.6	12.7	12.5
WEST VIRGINIA	774.4	793.3	791.3	69.5	108.7	107.6	9.0	13.7	13.6
Charleston	126.7	127.2	128.2	9.6	11.9	12.5	7.6	9.4	9.7
Huntington—Ashland[1]	127.4	128.5	129.2	12.1	19.5	18.3	9.5	15.2	14.1
Parkersburg—Marietta[1]	73.8	76.0	75.5	6.0	10.3	9.4	8.2	13.5	12.5
Wheeling[1]	83.1	84.2	85.1	6.7	11.0	11.6	8.1	13.1	13.7
WISCONSIN	2,395.9	2,472.7	2,476.7	168.0	253.5	256.9	7.0	10.3	10.4
Appleton—Oshkosh	149.5	153.4	154.3	10.1	15.1	14.9	6.7	9.9	9.6
Eau Claire	57.2	59.9	59.9	3.8	5.3	6.1	6.7	8.8	10.2
Green Bay	92.1	95.3	97.0	6.5	9.2	8.9	7.1	9.6	9.2
Janesville—Beloit	72.9	74.5	73.5	9.6	10.5	14.2	13.1	14.1	19.3
Kenosha	58.6	60.4	60.7	4.6	5.5	5.4	7.8	9.1	8.9
LaCrosse	48.3	50.1	50.3	3.4	4.3	4.2	7.0	8.5	8.4
Madison	184.5	191.6	192.1	9.4	12.8	12.7	5.1	6.7	6.6
Milwaukee	718.7	740.1	744.8	50.3	77.6	81.3	7.0	10.5	10.9
Racine	86.4	87.4	87.3	8.2	12.2	12.9	9.5	13.9	14.8
WYOMING	260.8	263.4	258.8	9.0	14.7	14.9	3.4	5.6	5.8

[1] Includes interstate portion of area located in adjacent State.

[2] Data are obtained directly from the Current Population Survey. (See "Explanatory Notes" for State and Area Unemployment Data in Employment and Earnings, monthly.)

NOTE: Estimates for 1981 have been benchmarked to 1981 Current Population Survey annual averages. Except in the 10 States and 2 areas designated by footnote 2, estimates for 1982 are provisional and will be revised when new benchmark information becomes available. Data refer to place of residence.

p = preliminary.
N.A. = not available.

SOURCE: Current Population Survey and Cooperating State Employment Security Agencies listed on inside back cover.

Labor force and unemployment estimates for counties, cities, and other small areas have been prepared for administration of various Federal economic assistance programs and may be ordered from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. The report "Employment and Unemployment in States and Local Areas" is published monthly through GPO and is available on microfiche only on a subscription basis.

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Explanatory Notes

Introduction

The statistics in this periodical are compiled from two major sources: (1) Household interviews, and (2) reports from employers.

Data based on household interviews are obtained from a sample survey of the population 16 years of age and over. The survey is conducted each month by the Bureau of the Census for the Bureau of Labor Statistics and provides comprehensive data on the labor force, the employed, and the unemployed, including such characteristics as age, sex, race, family relationship, marital status, occupation, and industry attachment. The survey also provides data on the characteristics and past work experience of those not in the labor force. The information is collected by trained interviewers from a sample of about 60,000 households, representing 629 areas in 1,148 counties and independent cities, with coverage in 50 States and the District of Columbia. The data collected are based on the activity or status reported for the calendar week including the 12th of the month.

Data based on establishment records are compiled each month from mail questionnaires by the Bureau of Labor Statistics, in cooperation with State agencies. The establishment survey is designed to provide industry information on nonagricultural wage and salary employment, average weekly hours, average hourly earnings, and average weekly earnings for the Nation, States, and metropolitan areas. The employment, hours, and earnings series are based on payroll reports from a sample of establishments employing over 30 million nonagricultural wage and salary workers. The data relate to all workers, full- or part-time, who received pay during the payroll period which includes the 12th day of the month.

RELATION BETWEEN THE HOUSEHOLD AND ESTABLISHMENT SERIES

The household and establishment data supplement one another, each providing significant types of information that the other cannot suitably supply. Population characteristics, for example, are readily obtained only from the household survey whereas detailed industrial classifications can be reliably derived only from establishment reports.

Data from these two sources differ from each other because of differences in definitions and coverage, sources of information, methods of collection, and estimating procedures. Sampling variability and response errors are additional reasons for discrepancies. The major factors which have a differential effect on levels and trends of the two series are as follows.

Employment

Coverage. The household survey definition of employment comprises wage and salary workers (including domestics and other private household workers), self-employed persons, and unpaid workers who worked 15 hours or more during the survey week in family-operated enterprises. Employment in both agricultural and nonagricultural industries is included. The payroll survey covers only wage and salary employees on the payrolls of nonagricultural establishments.

Multiple jobholding. The household approach provides information on the work status of the population without duplication, since each person is classified as employed, unemployed, or not in the labor force. Employed persons holding more than one job are counted only once and are classified according to the job at which they worked the greatest number of hours during the survey week. In the figures based on establishment reports, persons who worked in more than one establishment during the reporting period are counted each time their names appear on payrolls.

Unpaid absences from jobs. The household survey includes among the employed all persons who had jobs but were not at work during the survey week—that is, were not working but had jobs from which they were temporarily absent because of illness, bad weather, vacation, labor-management dispute, or because they were taking time off for various other reasons, even if they were not paid by their employers for the time off. In the figures based on payroll reports, persons on leave paid for by the company are included, but not those on leave without pay for the entire payroll period.

For a comprehensive discussion of the differences between household and establishment survey employment data, see Gloria P. Green's article "Comparing Employment Estimates from Household and Payroll Surveys," *Monthly Labor Review*, December 1969.

Hours of work

The household survey measures hours actually worked whereas the payroll survey measures hours paid for by employers. In the household survey data, all persons with a job but not at work are excluded from the hours distributions and the computations of average hours. In the payroll survey, production or nonsupervisory employees on paid vacation, paid holiday, or paid sick leave are included and assigned the number of hours for which they were paid during the reporting period.

Earnings

The household survey measures median earnings of wage and salary workers in all occupations and industries in both the private and public sectors. Data refer to the usual earnings received from the worker's sole or primary job. Data from the establishment survey generally refer to mean earnings of production and related workers in mining and manufacturing, construction workers in construction, and nonsupervisory employees in private service-producing industries. For a comprehensive discussion of the household survey earnings series, see "Technical Description of the Quarterly Data on Weekly Earnings from the Current Population Survey," BLS Bulletin 2113.

COMPARABILITY OF THE HOUSEHOLD DATA WITH OTHER SERIES

Unemployment insurance data. The unemployed total from the household survey includes all persons who did not have a job at all during the survey week and were looking for work or were waiting to be called back to a job from which they had been laid off, whether or not they were eligible for unemployment insurance. Figures on unemployment insurance claims, prepared by the Employment and Training Administration of the Department of Labor, exclude persons

who have exhausted their benefit rights, new workers who have not earned rights to unemployment insurance, and persons losing jobs not covered by unemployment insurance systems (some workers in agriculture, domestic services, and religious organizations, and self employed and unpaid family workers). Beginning in January 1978, coverage was extended to include domestic workers whose employers paid $1,000 or more in wages in any calendar quarter, agricultural employees whose employers engaged 10 or more workers in 20 weeks or paid a total $20,000 or more in wages in any calendar quarter, and almost all State and local government employees.

In addition, the qualifications for drawing unemployment compensation differ from the definition of unemployment used in the household survey. For example, persons with a job but not at work and persons working only a few hours during the week are sometimes eligible for unemployment compensation but are classified as employed rather than unemployed in the household survey.

For an examination of the similarities and differences between State insured unemployment and total unemployment, see "Measuring Total and State Insured Unemployment" by Gloria P. Green in the June 1971 issue of the *Monthly Labor Review*.

Agricultural employment estimates of the Department of Agriculture. The principal differences in coverage are the inclusion of persons under 16 in the Statistical Research Service (SRS) series and the treatment of dual jobholders who are counted more than once if they work on more than one farm during the reporting period. There are also wide differences in sampling techniques and collecting and estimating methods, which cannot be readily measured in terms of impact on differences in level and trend of the two series.

COMPARABILITY OF THE PAYROLL EMPLOYMENT DATA WITH OTHER SERIES

Statistics on manufactures and business, Bureau of the Census. BLS establishment statistics on employment differ from employment counts derived by the Bureau of Census from its censuses or annual sample survey of manufacturing establishments and the censuses of business establishments. The major reasons for some noncomparability are different treatment of business units considered parts of an establishment, such as central administrative offices and auxiliary units, the industrial classification of establishments, and different reporting patterns by multiunit companies. There are also differences in the scope of the industries covered, e.g., the Census of Business excludes professional services, public utilities, and financial establishments, whereas these are included in the BLS statistics.

County Business Patterns. Data in County Business Patterns (CBP), published by the Bureau of the Census, U.S. Department of Commerce, differ from BLS establishment statistics in the treatment of central administrative offices and auxiliary units. Differences may also arise because of industrial classification and reporting practices. In addition, CBP excludes interstate railroads and government, and coverage is incomplete for some of the nonprofit activities.

Employment covered by State unemployment insurance programs. Most nonagricultural wage and salary workers are covered by the unemployment insurance programs. Beginning in January 1972, coverage was expanded to include employees of small firms and selected nonprofit activities who had not been covered previously. However, certain activities, such as interstate railroads, parochial schools, and churches are not covered by unemployment insurance whereas these are included in the BLS establishment statistics. Beginning in January 1978, coverage was extended to include domestic workers whose employers paid $1,000 or more in wages in any calendar quarter, agricultural employees whose employers engaged 10 or more workers in 20 weeks or paid a total of $20,000 or more in wages in any calendar quarter, and almost all State and local government employees.

Household Data (A tables)

COLLECTION AND COVERAGE

Statistics on the employment status of the population, the personal, occupational, and other characteristics of the employed, the unemployed, and persons not in the labor force, and related data are compiled for the BLS by the Bureau of the Census in its Current Population Survey (CPS). A detailed description of this survey appears in *Concepts and Methods Used in Labor Force Statistics Derived from the Current Population Survey*, BLS Report 463. This report is available from BLS upon request.

These monthly surveys of the population are conducted with a scientifically selected sample designed to represent the civilian noninstitutional population. Respondents are interviewed to obtain information about the employment status of each member of the household 16 years of age and over. Separate statistics are also collected and published for 14- and 15-year-olds. The inquiry relates to activity or status during the calendar week, Sunday through Saturday, which includes the 12th of the month. This is known as the survey week. Actual field interviewing is conducted in the following week.

Inmates of institutions, members of the Armed Forces, and persons under 14 years of age are not covered in the regular monthly enumerations and are excluded from the population and labor force statistics shown in this report. Data on members of the Armed Forces, who are included as part of the categories "total noninstitutional population" and "total labor force," are, however, obtained from the Department of Defense.

Each month about 60,000 occupied units are eligible for interview. About 2,500 of these households are visited but interviews are not obtained because the occupants are not at home after repeated calls or are unavailable for other reasons. This represents a noninterview rate for the survey of between 4 or 5 percent. In addition to the 60,000 occupied units, there are 11,000 sample units in an average month which are visited but found to be vacant or otherwise not to be enumerated. Part of the sample is changed each month. The rotation plan provides for three-fourths of the sample to be common from 1 month to the next and one-half to be common with the same month a year earlier.

Beginning in September 1975, the sample was enlarged by 9,000 households in order to provide greater reliability for smaller States and thus permit the publication of annual statistics for all 50 States and the District of Columbia. These supplementary households were added to the national 47,000 household sample in January 1978.

Over the period November 1978 to April 1979 the sample was again enlarged by 9,000 households. These supplementary households were added to the 56,000 household sample in January 1980.

Beginning in May 1981, the sample size was cut by about 6,000 occupied housing units. The reduction did not affect the ability to

publish reliable State and local estimates and had practically no effect on the reliability of national estimates.

Beginning in January 1982, the sample was expanded by about 100 households in 15 counties. The expanded sample provides sufficient coverage of counties added to 7 of the 30 largest SMSA's redefined in 1973. The additional sample had practically no effect on the reliability of national or State estimates.

CONCEPTS

Employed persons comprise (a) all those who during the survey week did any work at all as paid employees, in their own business, profession, or farm, or who worked 15 hours or more as unpaid workers in an enterprise operated by a member of the family, and (b) all those who were not working but who had jobs or businesses from which they were temporarily absent because of illness, bad weather, vacation, labor-management dispute, or personal reasons, whether or not they were paid by their employers for the time off, and whether or not they were seeking other jobs.

Each employed person is counted only once. Those who held more than one job are counted in the job at which they worked the greatest number of hours during the survey week.

Included in the total are employed citizens of foreign countries, temporarily in the United States, who are not living on the premises of an embassy.

Excluded are persons whose only activity consisted of work around the house (such as home housework, and painting or repairing own home) or volunteer work for religious, charitable, and similar organizations.

Unemployed persons comprise all persons who did not work during the survey week, who made specific efforts to find a job within the past 4 weeks, and who were available for work during the survey week (except for temporary illness). Also included as unemployed are those who did not work at all, were available for work, and (a) were waiting to be called back to a job from which they had been laid off; or (b) were waiting to report to a new wage or salary job within 30 days.

Duration of unemployment represents the length of time (through the current survey week) during which persons classified as unemployed had been continuously looking for work. For persons on layoff, duration of unemployment represents the number of full weeks since the termination of their most recent employment. A period of 2 weeks or more during which a person was employed or ceased looking for work is considered to break the continuity of the present period of seeking work. Measurements of mean and median duration are computed from a distribution of single weeks of unemployment.

Unemployed persons by reasons for unemployment are divided into four major groups. (1) Job losers are persons whose employment ended involuntarily who immediately began looking for work and persons on layoff. (2) Job leavers are persons who quit or otherwise terminated their employment voluntarily and immediately began looking for work. (3) Reentrants are persons who previously worked at a full-time job lasting 2 weeks or longer but were out of the labor force prior to beginning to look for work. (4) New entrants are persons who never worked at a full-time job lasting 2 weeks or longer.

Jobseekers are all unemployed persons who made specific efforts to find a job, sometime during the 4-week period preceding the survey week. Jobseekers do not include persons unemployed because they (a) were waiting to be called back to a job from which they had been laid off or (b) were waiting to report to a new wage or salary job within 30 days. Jobseekers are grouped by the methods used to seek work, including going to a public or private employment agency or to an employer directly, seeking assistance from friends or relatives, placing or answering ads, or utilizing some "other" method. Examples of the "other" category include being on a union or professional register, obtaining assistance from a community organization, or waiting at a designated pick-up point.

The *civilian labor force* comprises the total of all civilians classified as employed or unemployed in accordance with the criteria described above. The "total labor force" also includes members of the Armed Forces stationed either in the United States or abroad.

The unemployment rate represents the number unemployed as a percent of the civilian labor force. This measure can also be computed for groups within the labor force classified by sex, age, marital status, race, occupation, industry, etc. The job-loser, job-leaver, reentrant, and new entrant rates are each calculated as a percent of the civilian labor force; the sum of the rates for the four groups thus equals the total unemployment rate.

Participation rates represent the proportion of the noninstitutional population that is in the labor force. Two types of participation rates are published. The total labor force participation rate, which is the ratio of the total labor force and the total noninstitutional population; and the civilian labor force participation rate which is the ratio of the civilian labor force and the civilian noninstitutional population. Participation rates are usually published for sex-age groups, often cross-classified by other demographic characteristics such as race and educational attainment.

Employment-population ratios represent the proportion of the total noninstitutional population that is employed.

Not in labor force includes all civilians 16 years and over who are not classified as employed or unemployed. These persons are further classified as "engaged in own home housework," "in school," "unable to work" because of long-term physical or mental illness, and "other." The "other" group includes for the most part retired persons, those reported as too old to work, the voluntarily idle, and seasonal workers for whom the survey week fell in an "off" season and who were not reported as unemployed. Persons doing only incidental unpaid family work (less than 15 hours) are also classified as not in the labor force.

For persons not in the labor force, data on previous work experience, intentions to seek work again, desire for a job at the time of interview, and reasons for not looking for work are compiled on a quarterly basis. As of January 1970, the detailed questions for persons not in the labor force are asked only in those households that are in the fourth and eighth months of the sample, i.e., the "outgoing" groups, those which had been in the sample for 3 previous months and would not be in for the subsequent month. Between 1967 and 1969, the detailed not-in-labor force questions were asked of persons in the first and fifth months in the sample, i.e., the "incoming" groups.

Occupation, industry, and class of worker for the employed apply to the job held in the survey week. Persons with two or more jobs are classified in the job at which they worked the greatest number of hours during the survey week. The unemployed are classified according to their last full-time civilian job lasting 2 weeks or more. The occupation and industry groups used in the CPS are defined as in the 1970 Census of Population. Information on the detailed categories included in these groups is available upon request.

The class-of-worker breakdown specifies "wage and salary workers," subdivided into private and government workers, "self-employed workers," and "unpaid family workers." Wage and salary workers receive wages, salary, commission, tips, or pay in kind from a private employer or from a government unit. Self-employed persons are those who work for profit or fees in their own business, profession, or trade, or operate a farm. Unpaid family workers are persons working without pay for 15 hours a week or more on a farm or in a business operated by a member of the household to whom they are related by blood or marriage.

Hours of work statistics relate to the actual number of hours worked during the survey week. For example, a person who normally works 40 hours a week but who was off on the Columbus Day holiday would be reported as working 32 hours even though he/she was paid for the holiday.

For persons working in more than one job, the figures relate to the number of hours worked in all jobs during the week. However, all the hours are credited to the major job.

The distribution of employment by hours worked relates to persons "at work" during the survey week. At work data differ from data on total employment because the latter include persons in the zero-hours worked category, "with a job but not at work." Included in this latter group are persons who were on vacation, ill, involved in a labor dispute, or otherwise absent from their jobs for voluntary, noneconomic reasons.

Persons who worked 35 hours or more in the survey week are designated as working "full time," correspondingly persons who worked between 1 and 34 hours are designated as working "part time." Part-time workers are classified by their usual status at their present job (either full or part time) and by their reason for working part time during the survey week (economic or other reasons). "Economic reasons" include: Slack work, material shortages, repairs to plant or equipment, start or termination of a job during the week, and inability to find full-time work. "Other reasons" include: Labor dispute, bad weather, own illness, vacation, demands of home, housework, school, no desire for full-time work, and full-time worker only during the peak season. Persons on full-time schedules include, in addition to those working 35 hours or more, those who worked from 1 to 34 hours for noneconomic reasons and usually work full time.

The *full-time labor force* consists of persons working on full-time schedules, persons involuntarily working part-time (part time for economic reasons), and unemployed persons seeking full-time jobs. The *part-time labor force* consists of persons working part time voluntarily and unemployed persons seeking part-time work. Persons with a job but not at work during the survey week are classified according to whether they usually work full or part-time.

Labor force time lost is a measure of aggregate hours lost to the economy through unemployment and involuntary part-time employment and is expressed as a percent of potentially available aggregate hours. It is computed by assuming: (1) That unemployed persons looking for full-time work lost an average of 37.5 hours (2) that those looking for part-time work lost the average number of hours actually worked by voluntary part-time workers during the survey week, and (3) that persons on part time for economic reasons lost the difference between 37.5 hours and the actual number of hours they worked.

White and black and other are terms used to describe the race of workers. The "black-and-other category," includes all persons who identified themselves in the enumeration process to be other than white. At the time of the 1980 Census of Population, 83 percent of the black-and-other civilian noninstitutional population 16 years and over were black; the remainder were primarily American Indians, Alaskan Natives, and Asians and Pacific Islanders. The term "black" is used in this volume when the relevant data are provided exclusively for the black population.

Hispanic origin refers to persons who identified themselves in the enumeration process as Mexican, Puerto Rican living on the mainland, Cuban, Central or South American, or of other Hispanic origin or descent.

Major activity: going to school and major activity: other are terms used to describe whether the activity of young persons during the reference week is primarily one of going to school or not. Statistics on major activity are published every month in table A-7 for 16- to 21-year-olds by employment status, race, and sex, and, if unemployed, whether seeking full- or part-time work.

Vietnam-era veterans are those who served in the Armed Forces of the United States between August 5, 1964, and May 7, 1975. Tables for veterans in this volume are limited to males in the civilian noninstitutional population, i.e., veterans in institutions and females are excluded.

Nonveterans are males who never served in the Armed Forces.

The *poverty areas* classification consists of all Census geographical divisions in which 20 percent or more of the residents were poor according to the 1970 Decennial Census. Persons were classified as poor or nonpoor by using income thresholds adopted by a Federal interagency committee in 1969. These thresholds vary by family size, composition, and residence (farm-nonfarm). While poverty areas have a substantial concentration of low-income residents, many poor persons live outside these areas and, conversely, the areas include many people who are not poor.

The *metropolitan areas* classification consists of the total of all areas encompassed by Standard Metropolitan Statistical Areas (SMSA's). The metropolitan area total is based on the number of SMSA's as defined in the 1970 Decennial Census and does not include any subsequent additions or changes. Nonmetropolitan areas refer to the total of all areas outside SMSA's. The nonmetropolitan total is disaggregated into farm and nonfarm components.

Usual weekly earnings data are provided from responses to the question "How much does . . .USUALLY earn per week at this job before deductions?" Included are any overtime pay, commissions, or tips usually received. Data refer to the sole or primary job of wage and salary workers. The term "usual" is as perceived by the respondent. If the respondent asks for a definition of "usual," interviewers are instructed to define the term as more than half the weeks worked during the past 4 or 5 months.

A *household* consists of all persons—related family members and all unrelated persons—who occupy a housing unit. A house, an apartment, a group of rooms, or a single room are regarded as a housing unit when occupied or intended for occupancy as separate living quarters.

A *householder* is the person (or one of the persons) in whose name the housing unit is owned or rented. The term is never applied to either husbands or wives in married-couple families but only to persons in families maintained by either men or women without a spouse.

Family refers to a group of two or more persons residing together who are related by blood, marriage, or adoption; all such persons are considered as members of one family even though they may include a "subfamily," that is, a married couple or a parent-child group related by blood or marriage to the householder and sharing the living quarters. The counts of families used in this volume refer to primary families only, that is, all persons in the household who are related to the householder. Families are classified either as married-couple families or as those maintained by women or men without spouses. Data on the earnings of families exclude all those in which there is no wage or salary earner or in which the husband, wife, or other persons maintaining the family is either self-employed or in the Armed Forces.

HISTORIC COMPARABILITY

Raised lower age limit

Beginning with data for 1967, the lower age limit for official statistics on persons in the labor force was raised from 14 to 16 years. A detailed discussion of this and other definitional changes introduced at that time including estimates of their effect on the various series, is contained in "New Definitions for Employment and Unemployment" by Robert L. Stein in the February 1967 issue of *Employment and Earnings and Monthly Report on the Labor Force*.

Noncomparability of labor force levels

Before the changes introduced in 1967, the labor force data were not comparable for three earlier periods: (1) Beginning in 1953, as a result of the introduction of data from the 1950 census into the estimation procedure, population levels were raised by about 600,000; labor force, total employment, and agricultural employment by about 350,000, primarily affecting the figures for totals and males; other categories were relatively unaffected; (2) beginning in 1960, the inclusion of Alaska and Hawaii resulted in an increase of about 500,000 in the population and about 300,000 in the labor force, four-fifths of this in nonagricultural employment; other labor force categories were not appreciably affected; (3) beginning in 1962, the introduction of figures from the 1960 census reduced the population by about 50,000, labor force and employment by about 200,000; unemployment totals were

virtually unchanged. In addition, beginning in 1972, information from the 1970 census was introduced into the estimation procedures, producing an increase in the civilian noninstitutional population of about 800,000; labor force and employment totals were raised by a little more than 300,000, and unemployment levels and rates were essentially unchanged. A subsequent population adjustment based on the 1970 census was introduced in March 1973. This adjustment affected the white and black and other groups but had little effect on totals. The adjustment resulted in the reduction of nearly 300,000 in the white population and an increase of the same magnitude in the black and other population. Civilian labor force and total employment figures were affected to a lesser degree; the white labor force was reduced by 150,000, and the black and other labor force rose by about 210,000. Unemployment levels and rates were not significantly affected.

Beginning in January 1974, the methodology used to prepare independent estimates of the civilian noninstitutional population was modified to an "inflation-deflation" approach. This change in the derivation of the population estimates had its greatest impact on estimates of 20- to 24-year-old males—particularly those of the black-and-other population—but had little effect on 16 and over totals. Additional information on the adjustment procedure appears in "CPS Population Controls Derived from Inflation-Deflation Method of Estimation" in the February 1974 issue of *Employment and Earnings*.

Effective July 1975, as a result of the immigration of Vietnamese refugees into the United States, the total and black-and-other independent population controls for persons 16 years and over were adjusted upward by 76,000—30,000 males and 46,000 females. The addition of the refugees increased the black-and-other population by less than 1 percent in any age-sex group, and all of the changes were in the "other" population.

Beginning in 1978, the introduction of an expansion of the sample and revisions in the estimation procedures resulted in an increase of roughly a quarter of a million in the overall civilian labor force and employment totals; unemployment levels and rates were essentially unchanged. An explanation of the procedural changes and an indication of the differences appear in "Revisions in the Current Population Survey in January 1978" in the February 1978 issue of *Employment and Earnings*.

Beginning in October 1978, the race of the individual was determined by the household respondent for the incoming rotation group households, rather than determined by the interviewer as before. The purpose of this change was to provide more accurate estimates of characteristics by race. Thus, in October 1978, one-eighth of the sample households had race determined by the household respondent and seven-eighths of the sample households had race determined by interviewer observation. It was not until January 1980 that the entire sample had race determined by the household respondent. The new procedure had no significant effect on the estimates.

Beginning in 1979, the first-stage ratio estimation method was changed in the CPS estimation procedure. The new procedure is described in the *Estimating Methods* section. The reasoning behind the change and an indication of the differences appear in "Change in the Estimation Procedure for the Current Population Survey beginning in January 1979" in the February 1979 issue of *Employment and Earnings*. Differences between the old and new procedures exist only for metropolitan and nonmetropolitan estimates, not for the total U.S.

Beginning in January 1982, the second-stage ratio adjustment methodology was changed in the CPS estimation procedure. The new procedure is described in the *Estimating Methods* section. The purpose of the change and an indication of its effect on national estimates of labor force characteristics appear in "Revisions in the Current Population Survey in January 1982" in the February 1982 issue of *Employment and Earnings*. In addition, current population estimates used in the second-stage estimation procedure are derived from information obtained from the 1980 census, rather than the 1970 census. This change caused substantial increases in total population and estimates of persons in all labor force categories. Rates on labor force characteristics, however, remained virtually unchanged. Some 30,000 labor force series were adjusted back to 1970 to avoid major breaks in series. The adjustment procedure used is also described in the February 1982 article referenced above. The revisions did not, however, smooth out the breaks in series occurring between 1972 and 1979 that are described above, and data users should make allowances for them in making certain data comparisons.

Changes in the occupational classification system

Beginning with 1971, the comparability of occupational employment data was affected as a result of changes in census occupational classifications introduced into the Current Population Survey (CPS). These changes stemmed from an exhaustive review of the classification system to be used for the 1970 Census of Population. The purpose of this review, the most comprehensive since the 1940 census, was to reduce the size of larger groups, to be more specific about general and "not elsewhere classified" groups, and to provide information on emerging significant occupations. Differences in March 1970 employment levels tabulated on both the 1960 and 1970 classification systems ranged from a drop 650,000 in operatives to an increase of 570,000 in service workers, much of which resulted from a shift between these two groups; the nonfarm laborers group increased by 420,000, and changes in other groups amounted to 220,000 or less.

An additional major group was created by splitting the operatives category into two: Operatives, except transport, and transport equipment operatives. Separate data for these two groups first became available in January 1972. At the same time, several changes in titles, as well as in order of presentation, were introduced; for example, the title of the managers, officials, and proprietors group was changed to "managers and administrators, except farm," since only proprietors performing managerial duties are included in the category.

Apart from the effects of revisions in the occupational classification system beginning in 1971, comparability of occupational employment data was further affected in December 1971, when a question eliciting information on major activities or duties was added to the monthly CPS questionnaire in order to determine more precisely the occupational classification of individuals. This change resulted in several dramatic occupational shifts, particularly from managers and administrators to other groups. Thus, meaningful comparisons of occupational levels cannot always be made for 1972 and subsequent years with earlier periods. However, revisions in the occupational classification system as well as in the CPS questionnaire are believed to have had but a negligible impact on unemployment rates.

Additional information on changes in the occupational classification system of the CPS appears in "Revisions in Occupational Classifications for 1971" and "Revisions in the Current Population Survey" in the February 1971 and February 1972 issues, respectively, of *Employment and Earnings*.

Changes in sample design

Since the inception of the survey, there have been various changes in the design of the CPS sample. Most of these changes were made in order to improve the efficiency of the sample design and/or to increase the reliability of the sample estimates.

One major change made after every decennial census is to change the sample design to make use of the recently collected census materials. Also, occasionally the sample is expanded in terms of number of sample areas and number of sample persons. In 1953, a rotation plan was introduced in which a sample unit would be interviewed for 4 months, leave the sample for 8 months, and then return to the sample for another 4 months. When Alaska and Hawaii achieved statehood, three more sample areas were added to the sample to account for the population in these States. After the 1960 census, selection of a major portion of the sample from census address lists was begun, though a portion of the sample is still collected using area

sampling. Following the 1970 census, the ultimate sampling unit was changed from a noncontiguous cluster of six housing units to a usually contiguous cluster of four housing units. In January 1978, a supplemental sample of 9,000 housing units, selected in 24 States and the District of Columbia and designed to provide more reliable annual average estimates for States, was incorporated with the existing design. A coverage improvement sample, composed of approximately 450 sample household units which represent 237,000 occupied mobile homes and 60,000 new construction house units, was included in computing the estimates beginning in October 1978 in order to provide coverage of mobile homes and new construction housing units that previously had no chance for selection in the CPS sample. In January 1980 another supplemental sample of 9,000 households selected in 32 States and the District of Columbia was added to the existing sample. A sample reduction of about 6,000 units was implemented in May 1981. In January 1982, about 100 occupied units were added to provide sufficient coverage in counties added to SMSA's which were redefined in 1973.

Table A provides a description of some aspects of the CPS sample design in use during the different data collection periods. For a more detailed account of the history of the CPS sample design, see *The Current Population Survey: Design and Methodology*, Technical Paper No. 40, Bureau of the Census, U.S. Department of Commerce, or *Concepts and Methods used in Labor Force Statistics Derived from the Current Population Survey*, BLS Report 463.

ESTIMATING METHODS

Under the estimating methods used in the CPS, all of the results for a given month become available simultaneously and are based on returns from the entire panel of respondents. The CPS estimation procedure involves weighting the data from each sample person. The basic weight, which is the inverse of the probability of the person being in the sample, is a rough measure of the number of actual persons that the sample person represents. In States supplemented in the 1978 and 1980 expansions, almost all sample persons within the sample area have the same basic weight, but the weight may differ across sample areas. The basic weight is the same for almost all sample persons in unsupplemented States. The basic weights are then adjusted for noninterview, and the ratio estimation procedure is applied.

1. *Noninterview adjustment.* The weights for all interviewed households are adjusted to the extent needed to account for occupied sample households for which no information was obtained because of absence, impassable roads, refusals, or unavailability of the respondent for other reasons. This adjustment is made separately by combinations of sample areas within each State and the District of Columbia, and within these, for six groups—two race categories (white, and black and other) within three residence categories. For sample areas which are Standard Metropolitan Statistical Areas (SMSA's), these residence categories are the central cities, and the urban and the rural balance of the SMSA's. For other sample areas, the residence categories are urban, rural nonfarm, and rural farm. The proportion of sample households not interviewed varies from 4 to 5 percent depending on weather, vacations, etc.

2. *Ratio estimates.* The distribution of the population selected for the sample may differ somewhat, by chance, from that of the population as a whole, in such characteristics as age, race, sex, and residence. Since these characteristics are closely correlated with labor force participation and other principal measurements made from the sample, the survey estimates can be substantially improved when weighted appropriately by the known distribution of these population characteristics. This is accomplished through two stages of ratio estimates as follows:

a. *First-stage ratio estimate.* In the CPS, a portion of the 629 sample areas is chosen to represent other areas not in the sample; the remainder of the sample areas represent only themselves. The first-stage ratio estimation procedure was designed to reduce the portion of the variance resulting from requiring sample areas to represent nonsample areas. Therefore, this procedure is not applied to sample areas which represent only themselves. The procedure is performed at two geographic levels: First, by the four census regions (Northeast, North Central, South, and West), and second, for each of the 46 States which contains nonsample areas. The procedure corrects for the differences that existed at the time of the 1970 census between the distribution by race and residence of the population in the sample areas and the known race-residence distribution in the portions of the census region or State represented by these areas. The regional adjustment is performed by metropolitan-nonmetropolitan residence and race, while the State adjustment is done by urban-rural status and race.

b. *Second-stage ratio estimate.* In this stage, the sample proportions in the categories described below are adjusted to the distribution of independent current estimates of the civilian noninstitutional population in the same categories. The second-stage ratio estimate is performed in order to increase the reliability of the estimates and is carried out in two steps. In the first step, the sample estimates are adjusted within each State and the District of Columbia to an independent control for the population 16 years and over, for the State. The second step of the adjustment is applied to all sample persons and is a weighting to nationwide independent population estimates of the civilian noninstitutional population within 68 age-sex-race groups. The entire second-stage ratio estimation procedure is iterated six times, each time beginning at the weights developed the previous time. This iteration ensures that the sample estimates both of the State population and of the national age-sex-race categories will be virtually equal to the independent population estimates. This second stage adjustment procedure incorporates changes instituted in January 1982. The nature of these changes is discussed in detail in "Revisions in the

Table A. Characteristics of the CPS sample

Time period	Number of sample areas	Households eligible		Households visited not eligible
		Interviewed	Not interviewed	
Aug. 1947 to Jan. 1954	68	21,000	500–1,000	3,000–3,500
Feb. 1954 to Apr. 1956	230	21,000	500–1,000	3,000–3,500
May 1956 to Dec. 1959	330[1]	33,500	1,500	6,000
Jan. 1960 to Feb. 1963	333[2]	33,500	1,500	6,000
Mar. 1963 to Dec. 1966	357	33,500	1,500	6,000
Jan. 1967 to July 1971	449	48,000	2,000	8,500
Aug. 1971 to July 1972	449	45,000	2,000	8,000
Aug. 1972 to Dec. 1977	461	45,000	2,000	8,000
Jan. 1978 to Dec. 1979	614	53,500	2,500	10,000
Jan. 1980 to Apr. 1981	629	62,200	2,800	12,000
May 1981 to present	629	57,600	2,500	11,000

[1] Beginning in May 1956, these areas were chosen to provide coverage in each State and the District of Columbia.

[2] Three sample areas were added in 1960 to represent Alaska and Hawaii after statehood.

Current Population Survey Beginning in January 1982" in the February 1982 issue of *Employment and Earnings*.

The controls by State for the civilian noninstitutional population 16 years and over are an arithmetic extrapolation of the trend in the growth of this segment of the population from the April 1, 1980 census through the lastest available July 1 estimate, adjusted as a last step to a current estimate of the U.S. population of this group. State estimates by age for July 1 are published annually in *Current Population Reports*, Series P-25. For a description of the methodology used in developing the State total, use Report 640 of that series. Descriptions of the age estimates methodology are available on request from the Chief of the Population Division, U.S. Bureau of the Census; Washington, D.C. 20233.

Beginning with the January 1982 estimates, the independent national controls used for the age-sex-race groups in the final step of the second-stage ratio adjustment are prepared by carrying forward the April 1, 1980, total population by age, race, and sex, taking account of the subsequent aging of the population, fertility, mortality, and net immigration, and then subtracting the estimate for the institutional population and Armed Forces. The April 1, 1980, total population was computed by adding together the resident population, consistent with that published for the 1980 census in *Advance Reports*, Series PHC80-V, and the Armed Forces overseas, as compiled from Department of Defense reports.

Data on births and deaths between April 1, 1980, and the estimate date are based on tabulation of vital statistics for the resident population made by the National Center for Health Statistics and data on deaths of military personnel overseas from the Department of Defense. Estimates of net civilian immigration are based on data provided by the Immigration and Naturalization Service, the Department of Defense, the Office of Personnel Management, and the Puerto Rico Planning Board. The civilian noninstitutional population for the estimate date is derived by subtracting the Armed Forces and the institutional population from the total population including Armed Forces overseas. The institutional population is computed by applying institutional proportions derived from the 1970 census to the total population, including Armed Forces overseas for the estimate date. All computations described above are performed in cells defined by single year of age, race, and sex. The independent national controls totals are then obtained by collapsing these cells into broader age groups for the population 16 years and older.

3. *Composite estimate procedure.* In deriving statistics for a given month, a composite estimating procedure is used which takes account of net changes from the previous month for continuing parts of the sample (75 percent) as well as the sample results for the current month. Almost all estimates of month-to-month change are improved by this procedure, and most estimates of levels are also improved, but to a lesser extent.

Rounding of estimates

The sums of individual items may not always equal the totals shown in the same tables because of independent rounding of totals and components to the nearest thousand. Differences, however, are insignificant.

Reliability of the estimates

There are two types of errors possible in an estimate based on a sample survey—sampling and nonsampling. The standard errors provided primarily indicate the magnitude of the sampling error. They also partially measure the effect of some nonsampling errors in response and enumeration but do not measure any systematic biases in the data.

Nonsampling errors. The full extent of nonsampling error is unknown, but special studies have been conducted to quantify some sources of nonsampling error in the CPS as discussed below. The effect of nonsampling error should be small on estimates of relative change, such as month-to-month change. Estimates of monthly levels would be more severely affected by the nonsampling error.

Nonsampling errors in surveys can be attributed to many sources, e.g., inability to obtain information about all cases in the sample, definitional difficulties, differences in the interpretation of questions, inability or unwillingness of respondents to provide correct information, inability to recall information, errors made in collection such as in recording or coding the data, errors made in processing the data, errors made in estimating values for missing data, and failure to represent all sample households and all persons within sample households (undercoverage).

Nonsampling errors occurring in the interview phase of the survey have been studied by means of a reinterview program. This program is used to estimate various sources of error as well as to evaluate and control the work of the interviewers. A random sample of each interviewer's work is inspected through reinterview at regular intervals. The results indicate, among other things, that the data published from the CPS are subject to moderate systematic biases. A description of the CPS reinterview program and some of the other results may be found in the *Current Population Survey Reinterview Program, January 1961 through December 1966*, Technical Paper No. 19, Bureau of the Census, U.S. Department of Commerce.

The effects of some components of nonsampling error in the CPS data can be examined as a result of the rotation plan used for the sample, since the level of the estimates varies by rotation group. A description of these effects appears in the article "The Effects of Rotation Group Bias on Estimates from Panel Surveys," by Barbara A. Bailar, *Journal of the American Statistical Association*, Volume 70, No. 349, March 1975.

Undercoverage in the CPS results from missed housing units and missed persons within sample households. Overall undercoverage as compared to the level of the decennial census, is about 5 percent. It is known that the CPS undercoverage varies with age, sex, and race. Generally, undercoverage is larger for males than for females, and larger for black and other races combined than for whites. Ratio estimation to independent age-sex-race population controls, as described previously, partially corrects for the biases due to survey undercoverage. However, biases exist in the estimates to the extent that missed persons in missed households or missed persons in interviewed households have different characteristics than interviewed persons in the same age-sex-race group. Further, the independent population controls used have not been adjusted for undercoverage in the 1980 census.

Additional information on nonsampling error in the CPS appears in the paper, "An Error Profile: Employment as Measured by the Current Population Survey," by Camilla Brooks and Barbara Bailar, Statistical Policy Working Paper 3, U.S. Department of Commerce, Office of Federal Statistical Policy and Standards; in the paper "The Current Population Survey: An Overview," by Marvin Thompson and Gary Shapiro, *Annals of Economic and Social Measurement, Vol. 2, April 1973*; and in the *The Current Population Survey: Design and Methodology*, Technical Paper No. 40, Bureau of the Census, U.S. Department of Commerce. This last document includes a comprehensive and up-to-date discussion of various sources of error, and describes attempts to measure them in the CPS.

Sampling error. The standard error is primarily a measure of sampling variability, that is, of the variation that occurs by chance because a sample rather than the entire population is surveyed. The sample estimate and its estimated standard error enable one to construct confidence intervals, ranges that would include the average of all possible samples with a known probability. For example, if all possible samples were selected, each of these surveyed under essentially the same general conditions and using the sample sample design, and an estimate and its estimated error were calculated from each sample, then:

same general conditions and using the same sample design, and an estimate and its estimated error were calculated from each sample, then:

1. Approximately 68 percent of the intervals from one standard error below the estimate to one standard error above the estimate would include the average result of all possible samples.
2. Approximately 90 percent of the intervals from 1.6 standard errors below the estmate to 1.6 standard errors above the estimate would include the average of all possible samples.
3. Approximately 95 percent of the intervals from 2 standard errors below the estimate to 2 standard errors above the estimate would include the average result of all possible samples.

In order to derive standard errors that would be applicable to a large number of estimates and could be prepared at a moderate cost, a number of approximations were required. First, the standard errors in this volume reflect the sample design and estimation procedures in effect prior to the expansions for State estimates. Thus, these standard errors may slightly overstate the standard errors applicable to the present design. Second, instead of computing an individual standard error for each estimate, generalized sets of standard errors were computed for various types of characteristics. This generalization yields more stable estimates of the standard errors. Consequently, the sets of standard errors provided give an indication of the order of magnitude of the standard error of an estimate rather than the precise standard error.

Tables B and C show approximate standard errors for major employment status characteristics for monthly estimates and for changes for consecutive months. These standard errors are applicable to the level of the estimates in recent months.

Tables D through H provide generalized standard errors for monthly level and month-to-month change for estimated totals, unemployment rates, and percentages. Table I contains factors for use with table H for computing standard errors, as described below, for monthly level and month-to-month change for percentages. Standard errors for intermediate values not shown in the tables may be approximated by linear interpolation. The standard error for estimated changes from one month to the next is more closely related to the monthly level for the characteristic than to the size of the specific month-to-month change itself. Thus, in order to use the generalized standard errors for month-to-month change as given in the tables of standard errors, it is necessary to obtain the monthly estimate for the characteristic. It should be noted that the tables of standard errors for month-to-month change apply only to estimates of change between two consecutive months. Estimates of change for nonconsecutive months are subject to higher standard errors. Table J contains factors for use with tables D,F,H,and I to compute approximate standard errors, as described below, for levels, labor force participation rates, and percentages as pertaining to year-to-year change of monthly estimates, quarterly averages, changes in quarterly averages, yearly averages and changes in yearly averages. Note that standard errors for changes in quarterly and yearly estimates apply only to consecutive quarters and years. For years prior to 1967, the standard errors must be adjusted due to the differences in the sample size. For years prior to 1956, the standard errors should be multiplied by 1.50 and for the 1956-66 period they should by multiplied by 1.22. Table K provides generalized standard errors for quarterly estimates of persons and families for use with the CPS earnings data.

Standard errors for estimated totals. Tables D and E provide generalized standard errors for monthly totals and for month-to-month change. The figures given in these tables are to used for the characteristics as indicated.

Illustration. Assume that in a given month the number of persons working a specific number of hours was 12,000,000, an increase of 400,000 over the previous month. Linear interpolation in the second column of table D shows that the standard error on an estimate of 12,000,000 is about 150,000. The 68 percent confidence interval as shown by these data is from 11,850,000 to 12,150,000. Therefore, a conclusion that the average estimate derived from all possible samples lies within a range computed in this way would be correct for roughly 68 percent of all possible samples. Recall that the standard error of a month-to-month change is primarily dependent on the size of the monthly estimate. Thus, using linear interpolation in the first column of table E the standard error on a month-to-month change of 400,000 when the monthly level is approximately 12,000,000 is about 111,000.

Standard errors for rates and percentages. The reliability of an estimated unemployment rate or an estimated percentage, computed using sample data for both numerator and denominator, depends on both the size of the rate or percentage and the total upon which the rate or percentage is based. Estimated rates and percentages are relatively more reliable than the corresponding estimates of the numerator of the rates or percentages; this is particularly true for percentages of 50 percent or more. As a general rule, percentages are not published when the monthly base is less than 75,000, the quarterly average base is less than 60,000, or the annual average base is less than 35,000.

Tables F and G show generalized standard errors for monthly level and month-to-month change for unemployment rates.

Generalized standard errors for estimated monthly percentages and estimated month-to-month change in percentages can be obtained through the use of the standard errors in table H and the factors in table I. First obtain the standard error from table H for the specific percentage and base. The generalized standard error is then calculated

Table B. Standard errors for major employment status categories

(In thousands)

Employment status, sex, age, and race	Standard error of—	
	Monthly level	Month-to-month change (consecutive months only)
Total, 16 years and over		
Civilian labor force	208	161
Employed	229	175
Unemployed	122	123
Males, 20 years and over		
Civilian labor force	113	95
Employed	131	114
Unemployed	84	85
Females, 20 years and over		
Civilian labor force	167	124
Employed	168	128
Unemployed	71	74
Both sexes, 16-19 years		
Civilian labor force	80	85
Employed	85	94
Unemployed	58	72
Black and other, 16 years and over		
Civilian labor force	73	56
Employed	84	63
Unemployed	59	62
Males, 20 years and over		
Civilian labor force	40	34
Employed	49	43
Unemployed	40	42
Females, 20 years and over		
Civilian labor force	62	46
Employed	62	48
Unemployed	36	40
Both sexes, 16-19 years		
Civilian labor force	33	37
Employed	31	36
Unemployed	28	30

by multiplying the standard error from table H by the appropriate factor from table I. When the numerator and denominator of the percentage are in different categories, use the factor indicated by the numerator of the percentage.

Illustration. For example, assume that in a given month 3.6 percent of a total of 90,771,000 employed persons are employed in agriculture. First the standard error on an estimate of 3.6 percent with a base of 90,771,000 is obtained from table H (0.09 percentage point). The appropriate factor from table I for the numerator of the percentage, agricultural employment, is 1.26. The generalized standard error on the estimated 3.6 percent is then approximately 0.09 x 1.26 = 0.1 percentage point.

Standard errors for year-to-year change of monthly estimates, quarterly averages, changes in quarterly averages, yearly averages and changes in yearly averages. The approximate standard errors of levels, rates and percentages involving year-to-year change of monthly estimates, quarterly averages, changes in quarterly averages, yearly averages and changes in yearly averages may be obtained by using table J in conjunction with the other tables. Standard errors for estimates of change are more closely related to the level of the estimate than to the size of the specific change. Thus, to obtain the standard error of an estimate of an average level, rate, or percentage, or an estimate of a change in level, rate, or percentage, it is first necessary to find the appropriate estimate of level. For an estimate of an average level, rate or percentage, find the standard error of this estimate. For an estimate of change in level, rate or percentage, find the standard error of the average of the two estimates affecting the change. Then, after computing the standard error by treating these estimates as monthly estimates and using the procedures above, multiply this result by a suitable factor from table J to obtain the approximate standard error for the average or change.

Illustration. For example, suppose that one is interested in the year-to-year change of a monthly unemployment rate. Let us assume that for a certain month the unemployment rate is 6.9 percent based on a total of 95,676,000 in the civilian labor force, and that a year prior to this the unemployment rate was 6.1 percent based on a total of 94,254,000 in the civilian labor force for the month. First, the standard error on the average of the two estimates, 6.5 percent with a base of 94,965,000, is obtained from table F (0.11 percentage point). The appropriate factor then from table J is 1.40. The approximate standard error on the change of 0.8 percent is then given by 0.11x1.40 = 0.15 percentage point.

The approximate standard error of levels involving year-to-year change of quarterly estimates pertaining to CPS earnings data for persons and families may be obtained by using table K in conjunction with the following formula:

$$\text{Standard error of year to year change} = \sqrt{\left(\text{Standard error}_X\right)^2 + \left(\text{Standard error}_Y\right)^2 - 2(P)\left(\text{Standard error}_X\right)\left(\text{Standard error}_Y\right)}$$

where X is the estimate for one quarter and Y is the estimate for another quarter. The coefficient, P, is a measure of the correlation between the estimates X and Y resulting from the presence of some of the same respondents in the sample for each estimate. For consecutive year-to-year changes of quarterly estimates, the values of P are .30 for persons (total, white, and black) and .35 for families (total, white, and black). The respective values for estimates of Hispanics are .45 and .55.

Illustration:

Assume that in a given quarter the number of women employed as full-time wage and salary workers was 27,000,000 and in the same quarter a year later their number had increased to 29,000,000. Using linear interpolation in the eighth column of table K, the standard error of an estimate of 27,000,000 is 216,000; for 29,000,000 it is 221,000. Using the above formula, the standard error of the 2,000,000 year-to-year change is:

$$\sqrt{(216{,}000)^2 + (221{,}000)^2 - 2\,(.30)\,(216{,}000)\,(221{,}000)},$$

or about 259,000.

Table C. Standard errors for unemployment rates by major characteristics

Selected categories	Standard error of-	
	Monthly level	Consecutive month change
Total (all civilian workers)	0.12	0.12
Males, 20 years and over	.15	.15
Females, 20 years and over	.17	.18
Both sexes, 16-19 years	.57	.67
White workers	.12	.12
Black (and other) workers	.46	.49
Married men, spouse present	.15	.16
Married women, spouse present	.21	.23
Full-time workers	.12	.13
Part-time workers	.32	.40
Unemployed 15 weeks and over	.06	.07
OCCUPATION		
White-collar workers	.12	.13
Professional and technical	.18	.20
Managers and administrators, except farm	.20	.23
Sales workers	.36	.41
Clerical workers	.23	.25
Blue-collar workers	.24	.26
Blue-collar workers—Continued		
Craft and kindred workers	0.33	0.37
Operatives, except transport	.44	.50
Transport equipment operatives	.70	.77
Nonfarm laborers	.71	.81
Service workers	.32	.36
Farm workers	.54	.62
INDUSTRY		
Nonagricultural private wage and salary workers	.13	.13
Construction	.59	.70
Manufacturing	.27	.30
Durable goods	.37	.41
Nondurable goods	.39	.45
Transportation and public utilities	.38	.42
Wholesale and retail trade	.26	.29
Finance and service industries	.17	.19
Government workers	.20	.23
Agricultural wage and salary workers	1.07	1.26

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Table D. Standard errors for estimates of monthly level

(In thousands)

Estimated monthly level	Characteristic								
		Labor force data other than unemployment and agricultural employment data						Unemployment	
	Agricultural employment	Total or white	Black and other	Total or white, 16-19 years	Black and other, 16-19 years	Total or white males only, or females only	Black and other males only, or females only	Total or white	Black and other
50	13	10	10	10	10	9	9	10	11
100	18	14	14	14	14	13	13	14	15
500	41	32	32	32	28	30	29	31	33
1,000	57	45	44	44	33	42	40	44	46
2,000	81	64	60	60	13	59	52	62	63
4,000	113	90	79	77	–	82	60	87	83
6,000	137	109	88	84	–	99	53	106	93
8,000	–	125	90	84	–	113	16	122	–
10,000	–	139	87	76	–	124	–	135	–
15,000	–	166	36	–	–	146	–	163	–
20,000	–	188	–	–	–	161	–	182	–
30,000	–	219	–	–	–	177	–	–	–
40,000	–	249	–	–	–	178	–	–	–
50,000	–	253	–	–	–	164	–	–	–
60,000	–	260	–	–	–	131	–	–	–
70,000	–	260	–	–	–	49	–	–	–
80,000	–	254	–	–	–	–	–	–	–
100,000	–	221	–	–	–	–	–	–	–
120,000	–	143	–	–	–	–	–	–	–

When determining the standard error of an estimate for a group which is a subset of the age, sex, or race groups listed, use the standard error for the next larger group, e.g., when determining the standard error on the estimated number of employed persons age 20 to 54 years, use the column for total employed.

Table E. Standard errors for estimates of month-to-month change

(In thousands)

Estimated monthly level	Characteristic							
	Labor force data other than unemployment and agricultural employment data				Unemployment			
	Total or white	Black and other	Total or white, 16-19 years	Black and other, 16-19 years	Total or white	Both sexes 16-19 years or part-time labor force[1]	Black and other	Black and other, 16-19 years
50	8	8	12	12	11	12	12	12
100	11	11	17	17	16	17	16	17
500	24	23	37	33	35	39	36	34
1,000	34	33	52	37	48	55	49	39
2,000	47	45	70	–	68	77	65	–
4,000	66	58	89	–	93	107	80	–
6,000	81	65	96	–	110	129	–	–
8,000	93	68	93	–	123	147	–	–
10,000	103	65	78	–	132	162	–	–
15,000	123	33	–	–	145	191	–	–
20,000	130	–	–	–	146	211	–	–
30,000	163	–	–	–	–	–	–	–
40,000	179	–	–	–	–	–	–	–
50,000	189	–	–	–	–	–	–	–
60,000	194	–	–	–	–	–	–	–
70,000	195	–	–	–	–	–	–	–
80,000	191	–	–	–	–	–	–	–
100,000	179	–	–	–	–	–	–	–
120,000	119	–	–	–	–	–	–	–

See footnote 1, table D.

[1] Part-time labor force for unemployment also includes persons reentering the labor force, persons who left their last job, and persons by duration of unemployment.

Table F. Standard errors for unemployment rates

Monthly base of unemployment rate (in thousands)	Monthly unemployment rate (percent)									
	1	2	5	10	15	20	25	30	35	50
50	2.05	2.88	4.49	6.18	7.36	8.25	8.93	9.46	9.85	10.36
100	1.45	2.04	3.18	4.37	5.20	5.83	6.32	6.69	6.97	7.33
500	65	91	1.42	1.96	2.33	2.61	2.82	2.99	3.12	3.28
1,000	46	65	1.01	1.38	1.65	1.84	2.00	2.12	2.21	2.32
2,000	32	46	71	98	1.17	1.31	1.42	1.50	1.56	1.64
4,000	23	32	50	69	83	92	1.00	1.06	1.10	1.16
6,000	19	26	41	57	67	75	82	86	90	94
10,000	15	21	32	44	52	58	63	67	70	73
20,000	11	15	23	31	37	41	45	47	49	51
60,000	06	08	12	17	20	23	25	26	27	28
100,000	04	06	10	13	16	18	19	20	21	22

Table G. Standard errors for month-to-month change in unemployment rates

Monthly base of unemployment rate (in thousands)	Monthly unemployment rate (percent)									
	1	2	5	10	15	20	25	30	35	50
50	2.32	3.28	5.12	7.10	8.52	9.64	10.05	11.39	11.97	12.55
100	1.64	2.32	3.62	5.02	6.02	6.81	7.11	8.05	8.39	8.87
500	74	1.04	1.62	2.25	2.69	3.04	3.17	3.58	3.73	3.93
1,000	52	73	1.15	1.59	1.90	2.15	2.24	2.52	2.62	2.74
2,000	37	52	81	1.12	1.34	1.51	1.57	1.76	1.83	1.89
4,000	26	37	57	79	94	1.06	1.10	1.22	1.26	1.26
6,000	21	30	47	64	76	86	89	97	1.00	–
10,000	16	13	36	49	59	65	67	72	–	–
20,000	11	15	24	33	39	44	48	51	–	–
60,000	06	09	13	18	21	22	23	–	–	–
100,000	05	07	10	13	14	14	–	–	–	–

Table H. Standard errors for estimated percentages and month-to-month change in percentages for labor force data

Monthly base of percentages (in thousands)	Percentage of monthly level									
	1 or 99	2 or 98	5 or 95	10 or 90	15 or 85	20 or 80	25 or 75	30 or 70	35 or 65	50
50	2.03	2.85	4.44	6.12	7.28	8.15	8.83	9.34	9.72	10.19
100	1.43	2.02	3.14	4.32	5.15	5.77	6.24	6.61	6.88	7.21
500	64	90	1.41	1.93	2.30	2.58	2.79	2.95	3.07	3.22
1,000	45	64	99	1.37	1.63	1.82	1.97	2.09	2.17	2.28
2,000	32	45	70	97	1.15	1.29	1.40	1.48	1.54	1.61
4,000	23	32	50	68	81	91	99	1.04	1.09	1.14
6,000	19	26	41	56	66	74	81	85	89	93
10,000	14	20	31	43	51	58	62	66	69	73
20,000	10	14	22	31	36	41	44	47	49	51
40,000	07	10	16	22	26	29	31	33	34	36
60,000	06	08	13	18	21	24	25	27	28	29
80,000	05	07	11	15	18	20	22	23	24	25
100,000	05	06	10	14	16	18	20	21	22	23
160,000	04	05	08	11	13	14	16	17	17	18

NOTE: The standard errors in this table must be multiplied by the factors in table I to obtain the approximate standard error for a specific characteristic.

Table I. Factors to be used with Table H to compute approximate standard errors for percentages and month-to-month change in percentages

Characteristic	Factor		Characteristic	Factor	
	Monthly level	Month-to-month change		Monthly level	Month-to-month change
Agricultural employment:			Unemployment:		
Total or full-time labor force	1.26	1.05	Part-time labor force, duration of unemployment, left last job, reentering labor force	1.01	1.21
Part-time labor force	1.26	1.50			
Labor force data other than agricultural employment data and unemployment data:			All other unemployment characteristics:		
Total	1.00	.74	Total or white:		
Males only	.93	.84	Total	.97	1.08
Females only	.86	.75	Both sexes, 16-19 years	.97	1.21
Both sexes, 16-19 years	1.00	1.18	Black and other:		
Part-time labor force	1.00	1.18	Total	1.04	1.13
			Both sexes, 16-19 years	1.04	1.24

Table J. Factors to be used with Tables, D, F, H, and I to compute the approximate standard errors for levels, rates, and percentages for year-to-year change of monthly estimates, quarterly averages, change in quarterly averages, yearly averages and change in yearly averages

Characteristic	Factors				
	Year-to-year change of monthly estimate	Quarterly averages	Change in quarterly averages	Yearly averages	Change in yearly averages
Agricultural employment:					
Total or males	1.30	0.89	0.80	0.72	0.70
Females or teenagers (16-19 years)	1.30	83	80	58	70
Part time	1.40	74	80	46	70
Labor force data other than agricultural employment data and unemployment data:					
Total or white	1.30	88	88	67	70
Black and other or teenagers (16-19 years)	1.30	82	88	57	70
Part time	1.40	74	88	46	60
Unemployment:					
Total	1.40	76	88	50	65
Part time	1.40	69	88	34	54

Table K. Standard errors for estimates of quarterly level

(In thousands)

Estimated quarterly level	Characteristic								
	Total			Males				Females	
	Part-time workers	Total or full-time workers		Part-time workers	Total or full-time workers			Total, full-time, or part-time workers	
		Total or white	Black		Total	White	Black	Total or white	Black
10	5	5	5	5	5	5	5	5	5
50	11	12	12	11	12	12	12	11	11
75	13	15	15	13	15	15	15	13	13
100	15	17	17	15	17	17	17	15	15
150	19	21	21	19	21	21	21	19	19
200	22	24	24	22	24	24	24	22	21
250	24	27	27	24	27	27	27	24	24
300	26	30	30	26	30	30	29	26	26
500	34	38	38	34	38	38	37	34	33
750	42	47	46	42	47	47	45	42	41
1,000	48	54	53	48	54	54	50	48	46
1,500	59	66	63	59	66	66	59	59	56
2,000	68	76	72	68	76	76	65	68	63
2,500	76	85	79	75	84	84	69	75	69
3,000	83	93	85	82	92	92	71	82	74
5,000	107	119	100	105	117	116	64	105	85
7,500	130	145	107	127	140	138	–	127	–
10,000	149	165	102	144	157	155	–	145	–
15,000	180	198	–	187	183	179	–	173	–
20,000	205	224	–	192	199	193	–	195	–
25,000	226	244	–	207	209	199	–	211	–
30,000	224	261	–	219	212	198	–	224	–
40,000	273	286	–	236	201	174	–	242	–
50,000	296	301	–	–	–	–	–	–	–
75,000	331	304	–	–	–	–	–	–	–
100,000	343	255	–	–	–	–	–	–	–

Establishment Data
(B and C tables)

COLLECTION

Payroll reports provide current information on wage and salary employment, hours, and earnings in nonagricultural establishments, by industry and geographic location.

Federal-State cooperation

Under cooperative arrangements, responding establishments report employment, hours, and earnings data to State agencies. State agencies mail the forms to the establishments and examine the returns for consistency, accuracy, and completeness. The States use the reported data to prepare State and area series and also send the reported data to the BLS (Washington Office) for use in preparing the national series. This avoids a duplicate reporting burden on establishments, and together with the use of similar estimating techniques at the national and State levels, promotes increased comparability between estimates.

Shuttle schedules

Form BLS 790—Report on Employment, Payroll, and Hours is the name of the data collection schedule. The collection agency returns the schedule to the respondent each month so that the next month's data can be entered on the space alotted for that month. This "shuttle" procedure assures maximum comparability and accuracy of reporting, since the respondent can see the figures that have been reported for previous months.

Form BLS 790 provides for entry of data on the total number of full- and part-time workers on the payrolls of nonagricultural establishments and, for most industries, employment, payroll, and hours of production and related workers or nonsupervisory workers for pay period which includes the 12th of the month.

CONCEPTS

Industrial classification

Establishments reporting on Form BLS 790 are classified into industries on the basis of their principal product or activity determined from information on annual sales volume. Since January 1980, this information is collected on a supplement to the quarterly unemployment insurance tax reports filed by employers. For an establishment making more than one product or engaging in more than one activity, the entire employment of the establishment is included under the industry indicated by the principal product or activity.

All data on employment, hours, and earnings for the Nation and for States and areas are classified in accordance with the 1972 *Standard Industrial Classification Manual* (SICM), Office of Management and Budget. The BLS tabulates and estimates statistics which distinguish between private and public establishments, thus maintaining continuity with previously published statistics for the private and government sector.

Industry employment

Employment data, except those for the Federal Government, refer to persons on establishment payrolls who received pay for any part of the pay period which includes the 12th of the month. For Federal Government establishments, employment figures represent the number of persons who occupied positions on the last day of the calendar month. Intermittent workers are counted if they performed any service during the month.

The data exclude proprietors, the self-employed, unpaid volunteer or family workers, farm workers, and domestic workers in households. Salaried officers of corporations are included. Government employment covers only civilian employees; military personnel are excluded. Employees of the Central Intelligence and National Security Agencies are also excluded.

Persons on establishment payrolls who are on paid sick leave (when pay is received directly from the firm), on paid holiday, on paid vacation, or who work during a part of the pay period even though they are unemployed or on strike during the rest of the period are counted as employed. Not counted as employed are persons who are on layoff, on leave without pay, on strike for the entire period, or who were hired but have not yet reported during the period.

Industry hours and earnings

Average hours and earnings data are derived from reports of payrolls and hours for production and related workers in manufacturing and mining, construction workers in construction, and nonsupervisory employees in private service-producing industries.

Production and related workers include working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, trucking, hauling, maintenance, repair, janitorial, guard services, product development, auxiliary production for plant's own use (e.g., power plant), recordkeeping, and other services closely associated with the above production operation.

Construction workers include the following employees in the construction division: Working supervisors, qualified craft workers, mechanics, apprentices, helpers, laborers, etc., engaged in new work, alterations, demolition, repair, maintenance, etc., whether working at the site of contruction or working in shops or yards at jobs (such as precutting and preassembling) ordinarily performed by members of the construction trades.

Nonsupervisory employees include employees (not above the working supervisory level) such as office and clerical workers, repairers salespersons, operators, drivers, physicians, lawyers, accountants, nurses, social workers, research aides, teachers, drafters, photographers, beauticians, musicians, restaurant workers, custodial workers, attendants, line installers and repairers, laborers, janitors, guards, and other employees at similar occupational levels whose services are closely associated with those of the employees listed.

Payroll covers the payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of the pay period which includes the 12th of the month. The payroll is reported before deductions of any kind, e.g., for old-age and unemployment insurance, group insurance, withholding tax, bonds, or union dues; also included is pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period); other pay not earned in the pay period reported (e.g., retroactive pay); tips; and the value of free rent, fuel, meals, or other payment in kind are excluded. "Fringe benefits" (such as health and other types of insurance, contributions to retirement, etc., paid by the employer) are also excluded.

Hours cover the hours paid for during the pay period which includes the 12th of the month for production, construction, or nonsupervisory workers. Included are hours paid for holidays, vacations, and for sick leave when pay is received directly from the firm.

Overtime hours covers hours worked by production or related workers for which overtime premiums were paid because the hours were in excess of the number of hours of either the straight-time workday or the workweek during the pay period which includes the 12th of the month. Weekend and holiday hours are included only if overtime premiums were paid. Hours for which only shift differential, hazard, incentive, or other similar types of premiums were paid are excluded.

Gross average hourly and weekly earnings. Average hourly earnings are on a "gross" basis. They reflect not only changes in basic hourly and incentive wage rates but also such variable factors as premium pay for overtime and late-shift work and changes in output of workers

paid on an incentive plan. They also reflect shifts in the number of employees between relatively high-paid and low-paid work and changes in workers' earnings in individual establishments. Averages for groups and divisions further reflect changes in average hourly earnings for individual industries.

Averages of hourly earnings differ from wage rates. Earnings are the actual return to the worker for a stated period of time; rates are the amount stipulated for a given unit of work or time. The earnings series do not measure the level of total labor costs on the part of the employer since the following are excluded: Irregular bonuses, retroactive items, payments of various welfare benefits, payroll taxes paid by employers, and earnings for those employees not covered under the production worker, construction worker, or nonsupervisory employee definitions.

Gross average weekly earnings estimates are derived by multiplying average weekly hours estimates by average hourly earnings estimates. Therefore, weekly earnings are affected not only by changes in gross average hourly earnings but also by changes in the length of the workweek. Monthly variations in such factors as proportion of part-time workers, stoppages for varying reasons, labor turnover during the survey period, and absenteeism for which employees are not paid may cause the average workweek to fluctuate.

Long-term trends of gross average weekly earnings can be affected by structual changes in the makeup of the work force. For example, persistent long-term increases in the proportion of part-time workers in retail trade and many of the services industries have reduced average workweeks in these industries and have affected the average weekly earnings series.

Average weekly hours. The workweek information relates to the average hours for which pay was received and is different from standard or scheduled hours. Such factors as unpaid absenteeism, labor turnover, part-time work, and stoppages cause average weekly hours to be lower than scheduled hours of work fo. an establishment. Group averages further reflect changes in the workweek of component industries.

Average overtime hours. The overtime hours represent that portion of the gross average weekly hours which exceeded regular hours and for which overtime premiums were paid. If an employee were to work on a paid holiday at regular rates, receiving as total compensation his or her holiday pay plus straight-time pay for hours worked that day, no overtime hours would be reported.

Since overtime hours are premium hours by definition, gross weekly hours and overtime hours do not necessarily move in the same direction from month to month; for example, overtime premiums may be paid for hours in excess of the straight-time workday although less than a full week is worked. Diverse trends at the industry-group level also may be caused by a marked change in hours for a component industry where little or no overtime was worked in both the previous and current months. In addition, such factors as stoppages, absenteeism, and labor turnover may not have the same influence on overtime hours as on gross hours.

Railroads hours and earnings. The figures for Class I railroads (excluding switching and terminal companies) are based on monthly data summarized in the M-300 report of the Interstate Commerce Commission and relate to all employees except executives, officials, and staff assistants (ICC group I) who received pay during the month. Gross average hourly earnings are computed by dividing total compensation by total hours paid for. Average weekly hours are obtained by dividing the total number of hours paid for, reduced to a weekly basis, by the number of employees, as defined above. Gross average weekly earnings are derived by multiplying average weekly hours by average hourly earnings.

"Real" earnings, or earnings in constant dollars, are calculated from the earnings averages for the current month using a deflator derived from the Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W).

Average hourly earnings excluding overtime. Average hourly earnings excluding overtime premium pay are computed by dividing the total production-worker payroll for the industry group by the sum of total production-worker hours and one-half of total overtime hours. Prior to January 1956, these data were based on the application of adjustment factors to gross average hourly earnings (as described in the *Monthly Labor Review*, May 1950, pp. 537-40). Both methods eliminate only the earnings due to overtime paid for at 1½ times the straight-time rates. No adjustment is made for other premium payment provisions, such as holiday work, late-shift work, and overtime rates other than time and one-half.

Indexes of aggregate weekly payrolls and hours. The indexes of aggregate weekly payrolls and hours are prepared by dividing the current month's aggregate by the average of the 12 monthly figures for 1977. For basic industries, the hour aggregates are the product of average weekly hours and production-worker or nonsupervisory-worker employment, and the payroll aggregates are the product of hour aggregates and average hourly earnings. At all higher levels of industry aggregation, hour and payroll aggregates are the sum of the component aggregates.

Indexes of diffusion of changes in number of employees on nonagricultural payrolls. These indexes measure the percent of industries which posted increases in employment over the specified time span. The indexes are calculated from 186 unpublished seasonally adjusted employment series (two-digit nonmanufacturing industries and three-digit manufacturing industries) covering all nonagricultural payroll employment in the private sector. A more detailed discussion of these indexes appears in "Introduction of Diffusion Indexes," in the December 1974 issue of *Employment and Earnings*.

ESTIMATING METHODS

The principal features of the procedure used to estimate employment for the establishment statistics are (1) the use of the "link relative" technique, which is a form of ratio estimation; (2) periodic adjustment of employment levels to new benchmarks; and (3) the use of size and regional stratification.

The "link relative" technique

From a sample composed of establishments reporting for both the previous and current months, the ratio of current month employment to that of the previous month is computed. This is called a "link relative." The estimates of employment (all employees, including production and nonproduction workers together) for the current month are obtained by multiplying the estimates for the previous month by these "link relatives." In addition, small bias correction factors are applied to selected employment estimates each month. The size of the bias correction factors is determined from past experience. Other features of the general procedures are described in table L.

Size and regional stratification

A number of industries are stratified by size of establishment and/or by region, and the stratified production or nonsupervisory worker data are used to weight the hours and earnings into broader industry groupings. Accordingly, the basic estimating cell for an employment, hours, or earnings series, as the term is used in the summary of computational methods in table L, may be a whole industry or a size stratum, a region stratum, or a size stratum of a region within an industry.

Benchmark adjustments

Employment estimates are compared periodically with comprehensive counts of employment which provide "benchmarks" for the

Table L. Summary of methods for computing industry statistics on employment, hours, and earnings

Item	Basic estimating cell (industry, region, size, or region/size cell)	Aggregate industry levels (divisions, groups and, where stratified, individual cells)
	Monthly data	
All employees	All-employee estimate for previous month multiplied by ratio of all employees in current month to all employees in previous month, for sample establishments which reported for both months.[1]	Sum of all-employee estimates for component cells.
Production or nonsupervisory workers, women employees	All-employee estimate for current month multiplied by (1) ratio of production or nonsupervisory workers to all employees in sample establishments for current month, (2) estimated ratio of women to all employees.[2]	Sum of production- or nonsupervisory-worker estimates, or estimates of women employees, for component cells.
Gross average weekly hours	Production- or nonsupervisory-worker hours divided by number of production or nonsupervisory workers.[2]	Average, weighted by production- or nonsupervisory-worker employment, of the average weekly hours for component cells.
Average weekly overtime hours	Production-worker overtime hours divided by number of production workers.[2]	Average, weighted by production-worker employment, of the average weekly overtime hours for component cells.
Gross average hourly earnings	Total production- or nonsupervisory-worker payroll divided by total production- or nonsupervisory-worker hours.[2]	Average, weighted by aggregate hours, of the average hourly earnings for component cells.
Gross average weekly earnings	Product of gross average weekly hours and average hourly earnings.	Product of gross average weekly hours and average hourly earnings.
	Annual average data	
All employees, women employees, and production or nonsupervisory workers	Sum of monthly estimates divided by 12.	Sum of monthly estimates divided by 12.
Gross average weekly hours	Annual total of aggregate hours (production- or nonsupervisory-worker employment multiplied by average weekly hours) divided by annual sum of employment.	Annual total of aggregate hours for production or nonsupervisory workers divided by annual sum of employment for these workers.
Average weekly overtime hours	Annual total of aggregate overtime hours (production-worker employment multiplied by average weekly overtime hours) divided by annual sum of employment.	Annual total of aggregate overtime hours for production workers divided by annual sum of employment for these workers.
Gross average hourly earnings	Annual total of aggregate payrolls (product of production- or nonsupervisory-worker employment by weekly hours and hourly earnings) divided by annual aggregate hours.	Annual total by aggregate payrolls divided by annual aggregate hours.
Gross average weekly earnings	Product of gross average weekly hours and average hourly earnings.	Product of gross average weekly hours and average hourly earnings.

[1] The estimates result from multiplying the product shown by bias adjustment factors to compensate for the underrepresentation of newly formed enterprises in the sample and other bias sources.

[2] The sample production-worker ratio, women-worker ratio, average weekly hours, average overtime hours, and average hourly earnings are modified by a wedging technique designed to compensate for changes in the sample arising mainly from the voluntary character of the reporting. The wedging procedure accepts the advantage of continuity from the use of the matched sample, and at the same time, tapers or wedges the estimate toward the level of the latest sample average.

various nonagricultural industries, and appropriate adjustments are made as indicated. The industry estimates are currently projected from March 1981 levels. Normally, benchmark adjustments are made annually.

The primary sources of benchmark information are employment data, by industry, compiled quarterly by States agencies from reports of establishments covered under State unemployment insurance laws. These tabulations cover about 98 percent of employees on nonagricultural payrolls in the United States. Benchmark data for the residual are obtained from the records of the Social Security Administration, the Interstate Commerce Commission, and a number of other agencies in private industry or government.

The estimates for the benchmark month are compared with new benchmark levels, industry by industry. If revisions are necessary, the monthly series of estimates between benchmark periods are adjusted between the new benchmark and the preceding one, and the new benchmark for each industry is then carried forward progressively to the current month by use of the sample trends. Thus, under this procedure, the benchmark is used to establish the level of employment; the sample is used to measure the month-to-month changes in the level. A comparison of the actual amounts of revisions made at the time of the March 1981 benchmark adjustment is shown in table M.

Data for all months since the last benchmark to which the series has been adjusted are subject to revision. Revised data are published as soon as possible after each benchmark revision.

THE SAMPLE

Design

The sampling plan used in the current employment statistics program is know as "sampling proportionate to average size of establishment." This design is an optimum allocation design among strata since the sampling variance is proportional to the average size of establishments. Under this type of design, large establishments fall into the sample with certainty. The size of the sample for the various industries is determined empirically on the basis of experience and of cost considerations. In a manufacturing industry in which a high proportion of total employment is concentrated in relatively few establishments, a large percent of total employment is included in the sample. Consequently, the sample design for such industries provides for a complete census of the large establishments with only a few chosen from among the smaller establishments or none at all if the concentration of employment is great enough. On the other hand, in an industry in which a large proportion of total employment is in small establishments, the sample design calls for inclusion of all large establishments and also for a substantial number of the small ones. Many industries in the trade and services divisions fall into this category. To keep the sample to a size which can be handled by available resources, it is necessary to design samples for these industries with a smaller proportion of universe employment than is the case for most manufacturing industries. Since individual establishments in these nonmanufacturing divisions generally show less fluctuation from regular cyclical or seasonal patterns than do establishments in manufacturing industries, these smaller samples (in terms of employment) generally produce reliable estimates.

In the context of the BLS employment statistics program, with its emphasis on producing timely data at minimum cost, a sample must be obtained which will provide coverage of a sufficiently large segment of the universe to provide reasonably reliable estimates that can be published promptly and regularly. The present sample meets these specifications for most industries. With its use, the BLS is able to produce preliminary estimates each month for many industries and for many geographic levels within a few weeks after the reference period, and, at a somewhat later date, statistics in considerably greater industrial detail.

Coverage

The BLS sample of establishment employment and payrolls is the largest monthly sampling operation in the field of social statistics. Table N shows the approximate proportion of total employment in each industry division covered by the group of establishments furnishing monthly employment data. The coverage for individual industries within the division may vary from the proportions shown.

Reliability of the employment estimates

Although the relatively large size of the BLS establishment sample assures a high degree of accuracy, the estimates derived from it may differ from the figures that would be obtained if it were possible to take a complete census using the same schedules and procedures. As discussed under the previous section, a "link relative" technique is used to estimate employment. This requires the use of the previous month's estimate as the base in computing the current month's estimate. Thus, small sampling and response errors may cumulate over several months. To remove this accumulated error, the estimates are usually adjusted annually to new benchmarks. In addition to taking account of sampling and response errors, the benchmark revision

Table M. Comparison of nonagricultural employment benchmarks and estimates for March 1981

Industry division	Benchmark, March 1981	Estimate, March 1981	Percent difference
Total	90,371,000	90,720,000	-0.4
Mining	1,107,000	1,084,000	2.1
Construction	3,934,000	4,048,000	-2.9
Manufacturing	20,085,000	20,016,000	.4
Transportation and public utilities	5,102,000	5,095,000	.1
Wholesale and retail trade	20,096,000	20,290,000	-1.0
Finance, insurance, and real estate	5,239,000	5,263,000	-.5
Services	18,340,000	18,287,000	.3
Government	16,468,000	16,493,000	-.2

Table N. Approximate size and coverage of BLS employment and payrolls sample, March 1981[1]

Industry division	Number of establishments in sample	Employees	
		Number reported	Percent of total
Total	177,500	35,740,500	40
Mining	2,400	387,000	35
Construction	17,300	677,000	17
Manufacturing	45,000	10,951,000	55
Transportation and public utilities:			
Railroad transportation (ICC)	37	459,500	92
Other transportation and public utilities	8,100	2,717,000	53
Wholesale and retail trade	43,900	3,398,000	17
Finance, insurance, and real estate	12,200	1,950,000	37
Services	28,700	3,787,000	21
Government:			
Federal[2]	4,900	2,769,000	100
State and local	15,000	8,645,000	63

[1] Since a few establishments do not report payroll and hours information, hours and earnings estimates may be based on a slightly smaller sample than employment estimates.

[2] National estimates of Federal employment by agency are provided to BLS by the Office of Personnel Management. Detailed industry estimates for the Executive Branch, as well as State and area estimates of Federal employment, are based on a sample of 4,900 reports covering about 60 percent of employment in Federal establishments.

adjusts the estimates for changes in the industrial classification of individual establishments (resulting from changes in their product which are not reflected in the levels of estimates until the data are adjusted to new benchmarks). In fact, at the more detailed industry levels, particularly within manufacturing, changes in classification are the major cause of benchmark adjustments. Another cause of differences arises from improvements in the quality of the benchmark data. Table O presents the average percent revisions of the six most recent benchmarks (excluding the March 1973 adjustment) for major industry divisions. Detailed descriptions of individual benchmark revisions are available from the Bureau upon request.

The hours and earnings estimates for basic estimating cells are not subject to benchmark revisions, although the broader groupings may be affected slightly by changes in employment weights. The hours and earnings estimates, however, are subject to sampling errors which may be expressed as relative errors of the estimates. (A relative error is a standard error expressed as a percent of the estimate.) Relative errors for major industries are presented in table O and for individual industries with the specified number of employees in table P. The chances are about 2 out of 3 that the hours and earnings estimates from the sample would differ by a smaller percentage than the relative error from the averages that would have been obtained from a complete census.

One measure of the reliability of the employment estimates for individual industries is the root-mean-square error (RMSE). The measure is the standard deviation adjusted for the bias in estimates:

$$\text{RMSE} = \sqrt{(\text{Standard Deviation})^2 + (\text{Bias})^2}$$

If the bias is small, the chances are about 2 out of 3 that an estimate from the sample would differ from its benchmark by less than the root-mean-square error. The chances are about 19 out of 20 that the difference would be less than twice the root-mean-square error.

Table O. Average benchmark revision in employment estimates and relative errors for average weekly hours and average hourly earnings by industry division

(In percent)

Industry division	Average benchmark revision in estimates of employment[1]	Relative errors[2]	
		Average weekly hours	Average hourly earnings
Total nonagricultural employment	0.3	–	–
Total private	.3	0.1	0.2
Mining	1.3	.5	.5
Construction	2.2	.2	.3
Manufacturing	.4	.1	.1
Durable goods	.4	.1	.1
Nondurable goods	.5	.1	.1
Transportation and public utilities	.4	.7	.4
Trade	.5	.1	.2
Wholesale	.7	.2	.3
Retail	.6	.2	.2
Finance, insurance, and real estate	.5	.2	.4
Services	.7	.4	.8
Government[3]	.5	–	–

[1] The average percent revision in employment for the following benchmarks: 1971, 1974, 1978, 1979, 1980 and 1981.

[2] Relative errors relate to March 1971 data.

[3] Estimates for government are based on a total count for Federal Government and, prior to the March 1979 revision,samples for State and local government benchmarked to a quinquennial census of government conducted by the Bureau of the Census.

Approximations of the root-mean-square errors (based on the most recent benchmark revisions) of differences between final estimates and benchmarks are presented in table P.

Table P. Root-mean-square errors of differences between benchmarks and estimates of employment and average relative errors for average weekly hours and average hourly earnings

Size of employment estimate	Root-mean-square error of employment estimates[1]	Relative errors[2] (in percent)	
		Average weekly hours	Average hourly earnings
50,000	2,100	0.9	1.5
100,000	4,400	.7	1.1
200,000	7,100	.5	.9
500,000	15,200	.4	.8
1,000,000	17,100	.3	.5
2,000,000	28,500	.3	.5

[1] Assuming 12-month intervals between benchmark revisions.

[2] Relative errors relate to March 1971 data.

For the two most recent months, estimates of employment, hours, and earnings are preliminary and are so footnoted in the tables. These figures are based on less than the total sample and are revised when all the reports in the sample have been received. Table Q presents root-mean-square errors of the amounts of revisions that may be expected between the preliminary and final levels of employment and preliminary and final month-to-month changes. Revisions of preliminary hours and earnings estimates are normally not greater than 0.1 of an hour for weekly hours and 1 cent for hourly earnings.

STATISTICS FOR STATES AND AREAS

State and area employment, hours, and earnings data are collected and prepared by State agencies in cooperation with BLS.

Table Q. Errors of preliminary employment estimates

Category	Root-mean-square error of—	
	Monthly level	Month-to-month change
INDUSTRY DIVISIONS		
Total nonagricultural employment	84,000	72,000
Goods-producing	39,000	34,000
Mining	5,000	5,000
Construction	18,000	16,000
Manufacturing	31,000	28,000
Durable two-digit industries	6,300	5,700
Nondurable two-digit industries	4,200	3,900
Service-producing	63,00	57,000
Transportation and public utilities	13,000	14,000
Wholesale and retail trade	30,000	27,000
Finance, insurance, and real estate	8,000	7,000
Services	31,000	25,000
Government	50,000	38,000

NOTE: Division level data are based on differences from January 1976 through December 1981. Two-digit industry data are based on differences from January 1981 through February 1982.

The area statistics relate to metropolitan areas. Definitions for all areas are published each year in the issue of *Employment and Earnings* that contains State and area annual averages (usually the May issue). Changes in definitions are noted as they occur. Additional industry detail may be obtained from the State agencies listed on the inside back cover of each issue. These statistics are based on the same establishment reports used by BLS for preparing national estimates. For employment, the sum of the State figures may differ slightly from the equivalent official U.S. totals on a national basis, because some States have more recent benchmarks than others and because of the effects of differing industrial and geographic stratification.

For the States and the areas shown in the B and C sections of this periodical, all the annual average data for the detailed industry statistics currently published by each cooperating State agency are presented in a summary volume published annually by the BLS.

PRODUCTIVITY DATA

Tables C-9, C-10, and C-11 are compiled by the Bureau of Labor Statistics from establishment data and from estimates of compensation and gross national product supplied by the U.S. Department of Commerce and the Federal Reserve Board.

Definitions

Hours of wage and salary workers in nonagricultural establishments refer to hours paid for all employees—production workers, nonsupervisory workers, and salaried workers.

Output is the constant-dollar market value of final goods and services produced in a given period. Indexes of *output per hour* of labor input, or labor productivity, measure changes in the volume of goods and services produced per unit of labor.

Compensation per hour includes wages and salaries of employees plus employers' contributions for social insurance and private benefit plans. The data also include an estimate of wages, salaries, and supplementary payments for the self-employed, except for nonfinancial corporations, in which there are no self-employed.

Real compensation per hour is compensation per hour adjusted to eliminate the effect of changes in the Consumer Price Index for All Urban Consumers (CPI-U).

Unit labor costs measure the labor compensation cost required to produce one unit of output and are derived by dviding compensation per hour by output per hour. *Unit nonlabor payments* include profits, depreciation, interest, and indirect taxes per unit of output. They are computed by subtracting compensation of all persons from the current-dollar gross national product and dividing by output. In these tables, unit nonlabor costs contain all the components of unit nonlabor payments except unit profits. *Unit profits* include corporate profits and inventory valuation adjustments per unit of output.

The *implicit price deflator* is derived by dividing the current-dollar estimate of gross product by the constant-dollar estimate, making the deflator, in effect, a price index for gross product of the sector reported.

Notes on the data

For the private business sector and the nonfarm business sector, these indexes relate to the gross domestic product less household and institutions, owner-occupied housing, and statistical discrepancy. For the nonfinancial corporate sector, the indexes refer to the gross domestic product of nonfinancial corporate business.

Manufacturing data have been revised to reflect the revisions in the Federal Reserve Board Index of Industrial Production. Output data are supplied by the Bureau of Economic Analysis, U.S. Department of Commerce, and the Federal Reserve Board. Quarterly measures have been adjusted by the Bureau of Labor Statistics to annual estimates of output (gross product originating) from the Bureau of Economic Analysis. Compensation and hours data are from the Bureau of Economic Analysis and the Bureau of Labor Statistics.

State and Area Unemployment Data
(D table)

FEDERAL-STATE COOPERATIVE PROGRAM

Labor force and unemployment estimates for States, labor market areas (LMA's), and other areas covered under Federal assistance programs are developed by State employment security agencies under a Federal-State cooperative program. The local unemployment estimates which are derived from standardized procedures developed by BLS are the basis of determining eligibility of an areas for benefits under Federal programs such as the Comprehensive Employment and Training Act, the Public Works Employment Act, and the Public Workers and Economic Development Act.

ESTIMATING METHODS

Labor force and unemployment in 10 large States: New York, California, Illinois, Ohio, New Jersey, Pennsylvania, Michigan, Texas, Massachusetts, and Florida; and two areas: Los Angeles-Long Beach metropolitan areas and New York City, are sufficiently reliable to be used directly from the CPS. For a description of the CPS concepts see "Household Data," above.

Monthly employment and unemployment estimates in the remaining 40 States and 214 labor market areas are prepared in several stages.

1. *Preliminary estimate—employment:* The total employment estimate is based primarily on data from the survey of establishments which produces an estimate of payroll employment. This place-of-work estimate must be adjusted to refer to place of residences as used in the CPS. Factors for adjusting from place of work to place of residence have been developed for the major categories of employment by class of worker and industry on the basis of employment relationships which existed at the time of the 1970 Decennial Census. These factors are applied to the payroll employment estimates for the current period to obtain adjusted employment estimates.

2. *Preliminary estimate—unemployment:* In the current month, the estimate of unemployment is an aggregate of the estimates for each of three building block categories: (1) Persons who were previously employed in industires covered by State unemployment insurance (UI) laws; (2) those previously employed in industires not covered by these laws; and (3) those who were entering the labor force for the first time or reentering after a period of separation. This is referred to below as the UI-based estimate.

An estimate for those previously employed in covered industries is derived from a count of current employment insurance claimants, plus estimates of claimants whose benefits have been exhausted, those persons disqualified from receiving benefits for nonmonetary reasons (because they quit, were discharged for cause, etc., but would otherwise have been eligible), and persons who either filed claims late or not at all.

The estimate of those previously employed in industries not covered by UI is derived by applying to the employment estimate for each noncovered industry or class of worker subgroup in the State, the ratio of covered unemployment to covered employment weighted by factors reflecting national historical relationships.

For the third category, new entrants and reentrants into the labor force, a composite estimate is developed from equations that relate the total entrants into the labor force to the experienced unemployed and

the experienced labor force. For each month, the estimate of entrants into the labor force is a function of: (a) the month of the year; (b) the level of experienced unemployed; (c) the level of the experienced labor force; and (d) proportion of the working age population that is considered "youth." The composite estimate of total entrants is defined as :

U = A (X + E) + BX, where
U = total entrant unemployment
E = total employment
X = total experienced unemployment
A,B = synthetic factors incoporating seasonal variation and an assumed relationship between the proportion of youths in the working population and the historical relationship of entrants to the experienced unemployed (B factor) or the experienced labor force (A factor).

3. *Correction factors for employment and unemployment* are then applied at the State level of the UI-based estimates obtained above for each of the 40 States and the District of Columbia. These correction factors are based on the ratio of the CPS to the UI-based estimates for the 6 month period ending in the current month (e.g. a 6-month moving average).

4. *Substate adjustment for additivity.* Independent estimates of employment and unemployment are prepared both for the State (obtained directly from the CPS in the 10 large States or by the UI-based method in the remaining States), and labor market areas (LMA's) withing the State. The total of the geographic areas in the LMA's exhausts the geographic boundries of the State. A proportional adjustment is applied to all substate LMA estimates to ensure that the substate estimates of employment and unemployment add to the independent State totals. In California and New York, which also have substate areas taken directly from the CPS, the additivity adjustment for the remaining areas is applied to the State total minus the direct CPS area.

5. *Benchmark correction procedures.* Once each year monthly estimates prepared by the State employment security agencies using UI-based estimating procedures are adjusted, or benchmarked, by BLS to the annual average CPS estimates for the 40 States for which monthly CPS estimates are not available. This adjustment is necessary because the State-prepared estimates are not as reliable as the CPS annual averages due to differences in State UI laws, the structual limitations of the UI-based estimating method, and errors in the UI data.

The benchmarked estimates are produced in three stages. First, the monthly UI-based estimates are adjusted by the ratio of the CPS to the UI-based annual averages, Second, the difference between the ratio of annual averages for two consecutive years is wedged into the monthly estimates in order to minimize the distrubance to the original series. Finally, the third-stage estimates are forced into agreement with CPS annual averages. In the 10 States which use CPS estimates monthly, no benchmark correction is required, as the average of the 12 monthly State CPS estimates will equal CPS annual averages.

Seasonal Adjustment

Over the course of a year, the size of the Nation's labor force, the levels of employment and unemployment, and other measures of labor market activity undergo sharp fluctuations due to such seasonal events as changes in weather, reduced or expanded production, harvests, major holidays, and the opening and closing of schools. Because these seasonal events follow a more or less regular pattern each year, their influence on statistical trends can be eliminated by adjusting these statistics from month to month. These adjustments make it easier to observe the cyclical and other nonseasonal movements in the series. In evaluating changes in a seasonally adjusted series, it is important to note that seasonal adjustment is merely an approximation based on past experience. Seasonally adjusted estimates have a broader margin of possible error than the original data on which they are based, since they are subject not only to sampling and other errors but are also affected by the uncertainties of the seasonal adjustment process itself. Seasonally adjusted series for selected labor force and establishment data are published regularly in *Employment and Earnings*.

The seasonal adjustment program used for these series are based on an *adaptation* of the standard ratio-to-moving average method. They provide for "moving" adjustment factors to take account of changing seasonal patterns. A detailed description of the method is given in the publication, *The X-11 Variant of the Census Method II Seasonal Adjustment Program*, Technical Paper No. 15, Bureau of the Census (1967).

Beginning in January 1980, the BLS introduced two major modifications in the seasonal adjustment methodology for data from the household survey. First, the data are being seasonally adjusted with a new procedure called X-11 ARIMA, which was developed at Statistics Canada as an extension of the existing standard X-11 method. A detailed description of the procedure appears in *The X-11 ARIMA Seasonal Adjustment Method*, by Estela Bee Dagum, Statistics Canada Catalouge No. 12-564-E, February 1980. The X-11 procedure was originally developed at the Bureau of the Census and had been used by the BLS to seasonally adjust labor force series since 1973. Tests have shown that use of the X-11 ARIMA procedure, which essentially place more emphasis on recent data, provides better seasonal adjustments than does the X-11 method alone.

The second change is that seasonal factors are now being calculated for use during the first 6 months of the year rather than for the entire year. In July of each year, the BLS will calculate and publish (in *Employment and Earnings*) a new set of seasonal factors for use in the second half, based on the experience through June. Revisions of historical data for the most recent 5 years will continued to be made once a year, at the beginning of each calendar year. However, as a result of the revisions to the estimates for 1970-81 based on 1980 census population counts, revisions to seasonally adjusted series in early 1982 were carried back to 1970.

All civilian labor force and unemployment rate statistics, as well as the major employment and unemployment estimates, are computed by aggregating independently adjusted series. For example, for each of the three major labor force components—agricultural employment, nonagricultural employment, and unemployment—data for four sex-age groups (males and females under and over 20 years of age) are separately adjusted for seasonal variation and are then added to derive seasonally adjusted total figures. In order to provide seasonally adjusted total employment and civilian labor force estimates, the appropriate series are aggregated. The official unemployment rate for all civilian workers is derived by dividing the estimate for total unemployment (the sum of 4 seasonally adjusted sex-age components) by the civilian labor force (the sum of 12 seasonally adjusted sex-age components).

Revised seasonally adjusted data for selected labor force series based on the experience through December 1981, new seasonal adjustment factors to be used to calculate the overall unemployment rate for the first 6 months of 1982, and a description of the current seasonal adjustment methodology are published in the February 1982 issue of *Employment and Earnings*. Revised seasonally adjusted data covering the 1970-81 revision period for a broader range of labor force series also appear in the February 1982 issue of this publication. Many additional series, which are either components or aggregates of the series presented, are available from the BLS upon request.

Beginning in July 1980, the BLS also uses the X-11 ARIMA methodology in seasonally adjusting the establishment data, which previously had been computed using the *BLS Seasonal Factor Method*. All series are seasonally adjusted using the multiplicative models under X-11 ARIMA. Seasonal adjustment factors used in calculating the current estimates are based on data through March of 1982. The ARIMA model options for projecting the data series for 1 year ahead have been used in seasonally adjusting the establishment series, introduced with June 1981 data.

Seasonal adjustment factors are directly applied to the component levels. Seasonally adjusted totals for most of these series are then obtained by taking a weighted average of the seasonally adjusted data for the component series. Seasonally adjusted average weekly earnings are the product of seasonally adjusted average hourly earnings and seasonally adjusted average weekly hours. Average weekly earnings in constant dollars, seasonally adjusted, are obtained by dividing average weekly earnings, seasonally adjusted, by the seasonally adjusted Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W), and multiplying by 100. Indexes of aggregate weekly hours, seasonally adjusted, are obtained by multiplying average weekly hours, seasonally adjusted, by production or nonsupervisory workers, seasonally adjusted, and dividing by the 1977 base. For total private, total goods-producing, total private service-producing, trade, manufacturing, and durable and nondurable goods industries, the indexes of aggregate weekly hours, seasonally adjusted, are obtained by summing the aggregate weekly hours, seasonally adjusted, for the appropriate component industries and dividing by the 1977 base.

Seasonally adjusted data are not published for a number of series characterized by small seasonal components relative to their trend-cycle and/or irregular components. Beginning with data for July 1981, these failed or unsatisfactory seasonally adjusted series are used in the aggregation to broader level seasonally adjusted series. In prior months, the unadjusted series were used in the aggregation process.

The seasonally adjusted establishment data for Federal Government are based on a series which excludes the Christmas temporary help employed by the Postal Service in December. The employment of these workers constitutes the only significant seasonal change in Federal Government employment during the winter months. Furthermore, the volume of such employment may change substantially from year to year because of administrative decisions by the Postal Service. Hence, it was considered desirable to exclude this group from the data upon which the seasonally adjusted series is based.

The revised seasonally adjusted series for the establishment data reflect experience through March 1982. Seasonal factors to be used for current adjustment appear in the June 1982 issue of *Employment and Earnings*.

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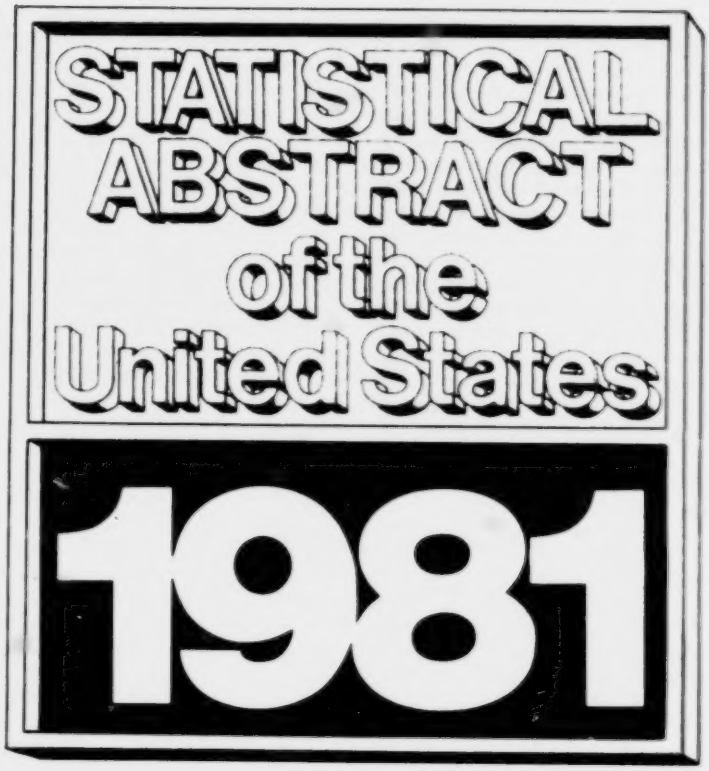

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Calendar of Features

In addition to the monthly data summaries appearing in *Employment and Earnings*, special features appear in some of the issues as shown below.

Household data

Annual averages	July
Revised seasonally adjusted series	Feb.
Quarterly averages: demographic, occupational, industrial, and class of worker detail; characteristics of Hispanic origin, Vietnam-era veterans, and handicapped persons; unemployment duration data; family relationship data; weekly earnings data	Jan., Apr., July, Oct.

Establishment data

National annual averages:	
Industry division (employment)	Jan.
Industry detail (hours)	Mar.
Women employment detail (hours)	Mar.
Seasonal factors revised for new benchmarks	June
Revised historical national data adjusted to new benchmarks	September
Revised seasonally adjusted series	June
State and area annual averages	May
Area definitions	May

State and area unemployment data

Annual averages	May

The next full employment data benchmark issue: The June 1982 issue (released March 1983 benchmark).

Month of publication of annual supplement issue: The most supplement was published in June 1982.

Base (year) CPI-U period was introduced June 1982.

Employment and Earnings

Vol. 29 No. 11 November 1982

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Employment and Unemployment Developments, October 1982

Unemployment rose in October and employment declined after adjustment for seasonality. The Nation's unemployment rate increased from 10.1 to 10.4 percent over the month and was substantially above the July 1981 pre-recession low of 7.2 percent.

Total employment—as measured by the monthly survey of households—fell by 630,000 in October to 99.1 million. Nonfarm payroll employment—as measured by the monthly survey of establishments—dropped by 265,000 to 88.9 million, as job losses continued in durable goods manufacturing.

Unemployment

The number of unemployed persons rose by 290,000 in October to 11.6 million, seasonally adjusted, following an increase of 450,000 in the previous month. Since July 1981, unemployment has risen by 3.7 million, with virtually all of the increase occurring among persons laid off or permanently separated from their jobs. Persons who have lost their jobs now account for over 63 percent of total unemployment, compared with about 50 percent in July a year ago. (See tables A-33 and A-39.)

The overall unemployment rate, at 10.4 percent in October, was 0.3 percentage point higher than in September. The rate has increased fairly steadily over the past 15 months from a pre-recession low of 7.2 percent. Nearly all of the October rise in joblessness occurred among adult men and women, whose rates reached 9.8 and 8.6 percent, respectively; the rate for teenagers was about unchanged at 24.0 percent. The increase for adult workers was reflected in higher unemployment rates for married men (7.6 percent), married women (7.9 percent), and full-time workers (10.5 percent). Among race-ethnic groups, the unemployment rate for white workers rose to 9.3 percent, while rates for Hispanics and blacks, at 15.2 and 20.2 percent, respectively, remained at record levels. Virtually every worker group has posted substantial increases in unemployment from their pre-recession levels. (See tables A-33, A-35, and A-36.)

The average (mean) duration of unemployment rose over the month to 17.2 weeks, as the number of long-term unemployed (those jobless 15 weeks or more) continued to increase. Median duration was about unchanged at 9.6 weeks, after rising in September. (See table A-37.)

The number of nonfarm workers on part-time schedules for economic reasons held about steady at 6.6 million in October, following a sharp rise in September. This number was 2.2 million above the July 1981 level. (See table A-42.)

Total employment and the labor force

Total employment dropped by 630,000 in October to 99.1 million, seasonally adjusted. Since July 1981, employment has dropped by 1.8 million, and the proportion of the population employed, at 56.6 percent in October, has declined by almost 2 full percentage points. Declines in the ratio occurred among all three major age-sex groups but were sharpest among adult men and teenagers.

The civilian labor force declined by 340,000 in October to 110.6 million, seasonally adjusted, following an increase of the same magnitude a month earlier. Over the year, the labor force expanded by 1.5 million persons, with adult women accounting for 1.0 million of the gain and adult men another 850,000. A labor force decrease for teenagers of 375,000 stemmed primarily from a declining population. (See table A-33.)

Industry payroll employment

Nonagricultural payroll employment declined by 265,000 in October to 88.9 million, after seasonal adjustment. Since July 1981, the number of nonfarm jobs has fallen by 2.5 million. Most of the over-the-month cutbacks were in the goods-producing sector, especially in the durable goods manufacturing industries where employment dropped by 200,000. (See table B-4.)

Among the durable goods industries, the most sizable losses occurred in the five major metal and metal-using industries—machinery, primary metals, fabricated metals, transportation equipment, and electrical equipment. Within nondurable goods, several industries registered small employment declines. Manufacturing employment was down 230,000 over the month and 2.0 million since July 1981. Jobs in mining and construction also continued to decline.

Employment in the service-producing sector was little different from September, as changes among the component industries were generally small and offsetting. There was, however, a continued reduction in trade, where job losses have totaled 180,000 in the past 3 months.

Hours of work

The average workweek of production or nonsupervisory workers on private nonagricultural payrolls, at 34.7 hours in October, seasonally adjusted, edged down 0.1 hour over the month. The factory workweek was unchanged at 38.7 hours, after having dropped by half an hour between July and September. Factory overtime was down 0.1 hour to 2.2 hours in October. (See table C-6.)

The index of aggregate weekly hours of production or nonsupervisory workers on private nonfarm payrolls declined 0.6 percent in October to 103.2 (1977 = 100). The manufacturing index dropped 1.8 percent over the month to 83.9 and has declined by 16 percent since July 1981. (See table C-7.)

Hourly and weekly earnings

Average hourly earnings increased 0.4 percent in October, while average weekly earnings edged up by 0.1 percent, seasonally adjusted. Before adjustment for seasonality, average hourly earnings rose 2 cents to $7.78, 36 cents above the year-earlier level. Average weekly earnings, at $270.74, were up 69 cents over the month and $9.56 over the year. (See tables C-1 and C-8.)

The Hourly Earnings Index

The Hourly Earnings Index (HEI) was 150.6 (1977 = 100) in October, seasonally adjusted, 0.4 percent higher than in September. For the 12 months ended in October, the increase (before seasonal adjustment) was 6.1 percent. The HEI excludes the effects of two types of changes unrelated to underlying wage rate movements—fluctuations in overtime in manufacturing and interindustry employment shifts. In dollars of constant purchasing power, the HEI increased 1.2 percent during the 12-month period ended in September. (See table C-8.)

HOUSEHOLD DATA
HISTORICAL

A-1. Employment status of the noninstitutional population 16 years and over, 1947 to date

(Numbers in thousands)

Year and month	Total noninstitutional population	Total labor force		Civilian labor force						Not in labor force
					Employed			Unemployed		
		Number	Percent of population	Total	Total	Agriculture	Nonagricultural industries	Number	Percent of labor force	
	Annual average									
1947	103,418	60,941	58.9	59,350	57,038	7,890	49,148	2,311	3.9	42,477
1948	104,527	62,080	59.4	60,621	58,343	7,629	50,714	2,276	3.8	42,447
1949	105,611	62,903	59.6	61,286	57,651	7,658	49,993	3,637	5.9	42,708
1950	106,645	63,858	59.9	62,208	58,918	7,160	51,758	3,288	5.3	42,787
1951	107,721	65,117	60.4	62,017	59,961	6,726	53,235	2,055	3.3	42,634
1952	108,823	65,730	60.4	62,138	60,250	6,577	53,749	1,883	3.0	43,093
1953[1]	110,631	66,560	60.2	63,015	61,179	6,260	54,919	1,834	2.9	44,041
1954	111,671	66,993	60.0	63,643	60,109	6,205	53,904	3,532	5.5	44,678
1955	112,732	68,072	60.4	65,023	62,170	6,450	55,722	2,852	4.4	44,660
1956	113,811	69,409	61.0	66,552	63,799	6,283	57,516	2,750	4.1	44,402
1957	115,065	69,729	60.6	66,929	64,071	5,947	58,123	2,859	4.3	45,335
1958	116,363	70,275	60.4	67,639	63,036	5,586	57,450	4,602	6.8	46,088
1959	117,881	70,921	60.2	68,369	64,530	5,565	58,965	3,740	5.5	46,960
1960[1]	119,759	72,142	60.2	69,628	65,778	5,458	60,318	3,852	5.5	47,617
1961	121,343	73,031	60.2	70,459	65,746	5,200	60,546	4,714	6.7	48,312
1962	122,981	73,442	59.7	71,614	66,702	4,944	61,759	4,911	6.9	49,539
1963	125,154	74,571	59.6	71,833	67,762	4,687	63,076	4,070	5.7	50,583
1964	127,224	75,830	59.6	73,091	69,305	4,523	64,782	3,786	5.2	51,394
1965	129,236	77,178	59.7	74,455	71,088	4,361	66,726	3,366	4.5	52,059
1966	131,180	78,893	60.1	75,770	72,895	3,979	68,915	2,875	3.8	52,288
1967	133,319	80,793	60.6	77,347	74,372	3,844	70,527	2,975	3.8	52,527
1968	135,562	82,272	60.7	78,737	75,920	3,817	72,103	2,817	3.6	53,291
1969	137,841	84,240	61.1	80,734	77,902	3,636	74,266	2,832	3.5	53,602
1970	140,272	85,959	61.3	82,771	78,678	3,463	75,215	4,093	4.9	54,315
1971	143,033	87,198	61.0	84,382	79,367	3,394	75,972	5,016	5.9	55,834
1972[1]	146,574	89,484	61.1	87,034	82,153	3,484	78,669	4,882	5.6	57,091
1973[1]	149,423	91,756	61.4	89,429	85,064	3,470	81,594	4,365	4.9	57,667
1974	152,349	94,179	61.8	91,949	86,794	3,515	83,279	5,156	5.6	58,171
1975	155,333	95,955	61.8	93,775	85,846	3,408	82,438	7,929	8.5	59,377
1976	158,294	98,302	62.1	96,158	88,752	3,331	85,421	7,406	7.7	59,991
1977	161,166	101,142	62.8	99,009	92,017	3,283	88,734	6,991	7.1	60,025
1978[1]	164,027	104,368	63.6	102,251	96,048	3,387	92,661	6,202	6.1	59,659
1979	166,951	107,050	64.1	104,962	98,824	3,347	95,477	6,137	5.8	59,900
1980	169,848	109,042	64.2	106,940	99,303	3,354	95,938	7,637	7.1	60,806
1981	172,272	110,812	64.3	108,670	100,397	3,368	97,030	8,273	7.6	61,463
	Monthly data, seasonally adjusted[2]									
1981:										
October	172,966	111,170	64.3	109,012	100,343	3,379	96,965	8,669	8.0	61,797
November	173,155	111,430	64.4	109,272	100,172	3,372	96,800	9,100	8.3	61,724
December	173,330	111,348	64.2	109,184	99,613	3,209	96,404	9,571	8.8	61,982
1982:										
January	173,495	111,038	64.0	108,879	99,581	3,411	96,170	9,298	8.5	62,456
February	173,657	111,333	64.1	109,165	99,590	3,373	96,217	9,575	8.8	62,324
March	173,843	111,521	64.2	109,346	99,492	3,343	96,148	9,854	9.0	62,321
April	174,020	111,824	64.3	109,648	99,340	3,339	96,032	10,307	9.4	62,197
May	174,201	112,841	64.8	110,666	100,117	3,488	96,629	10,549	9.5	61,359
June	174,364	112,364	64.4	110,191	99,764	3,357	96,435	10,427	9.5	61,999
July	174,548	112,702	64.5	110,522	99,732	3,463	96,272	10,790	9.8	61,842
August	174,707	112,840	64.5	110,644	99,839	3,435	96,404	10,805	9.8	61,867
September	174,889	113,178	64.7	110,980	99,720	3,369	96,352	11,260	10.1	61,710
October	175,069	112,832	64.5	110,644	99,093	3,426	95,667	11,551	10.4	62,237

[1] Not strictly comparable with prior years. For an explanation, see "Historic Comparability" under Household Data section of Explanatory Notes.

[2] Because seasonality, by definition, does not exist in population figures, data for "total noninstitutional population" are not seasonally adjusted.

A-2. Employment status of the noninstitutional population 16 years and over by sex, 1972 to date

(Numbers in thousands)

Sex, year, and month	Total noninstitutional population	Total labor force		Civilian labor force						Not in labor force
					Employed			Unemployed		
		Number	Percent of population	Total	Total	Agriculture	Nonagricultural industries	Number	Percent of labor force	
MALES	**Annual averages**									
1972[1]	70,241	55,961	79.7	53,555	50,896	2,883	48,047	2,659	5.0	14,280
1973[1]	71,567	56,900	79.5	54,624	52,349	2,847	49,502	2,275	4.2	14,667
1974	72,971	57,902	79.3	55,739	53,024	2,919	50,105	2,714	4.9	15,069
1975	74,383	58,390	78.5	56,299	51,857	2,924	48,932	4,442	7.9	15,993
1976	75,798	59,212	78.1	57,174	53,138	2,744	50,394	4,036	7.1	16,585
1977	77,211	60,414	78.2	58,396	54,728	2,671	52,057	3,667	6.3	16,797
1978[1]	78,569	61,613	78.4	59,620	56,479	2,718	53,761	3,142	5.3	16,956
1979	79,968	62,676	78.4	60,726	57,607	2,685	54,921	3,120	5.1	17,293
1980	81,341	63,396	77.9	61,453	57,186	2,709	54,477	4,267	6.9	17,945
1981	82,476	63,939	77.5	61,974	57,397	2,703	54,697	4,577	7.4	18,537
	Monthly data, seasonally adjusted[2]									
1981:										
October	82,807	64,040	77.3	62,264	57,266	2,715	54,551	4,798	7.7	18,767
November	82,895	64,158	77.4	62,184	57,051	2,668	54,383	5,133	8.3	18,737
December	82,978	64,283	77.5	62,303	56,725	2,593	54,135	5,578	9.0	18,696
1982:										
January	83,054	63,941	77.0	61,966	56,629	2,598	53,931	5,338	8.6	19,113
February	83,129	64,025	77.0	62,042	56,658	2,693	53,965	5,384	8.7	19,104
March	83,218	64,069	77.0	62,082	56,472	2,667	53,805	5,610	9.0	19,149
April	83,303	64,234	77.1	62,247	56,431	2,551	53,739	5,846	9.4	19,068
May	83,389	64,835	77.3	62,849	56,920	2,797	54,023	6,029	9.6	18,553
June	83,464	64,270	77.0	62,287	56,223	2,724	53,498	6,065	9.7	19,193
July	83,550	64,343	77.3	62,353	56,192	2,795	53,396	6,161	9.9	19,207
August	83,627	64,464	77.1	62,460	56,210	2,781	53,429	6,250	10.0	19,162
September	83,712	64,860	77.5	62,852	56,148	2,715	53,433	6,704	10.7	18,853
October	83,798	64,777	77.3	62,779	55,915	2,781	53,134	6,864	10.9	19,020
FEMALES	**Annual averages**									
1972[1]	76,333	33,522	43.9	33,479	31,257	635	30,622	2,222	6.6	42,811
1973[1]	77,855	34,855	44.8	34,804	32,715	622	32,093	2,089	6.0	43,000
1974	79,379	36,278	45.7	36,211	33,769	596	33,173	2,441	6.7	43,101
1975	80,949	37,565	46.4	37,475	33,989	584	33,404	3,486	9.3	43,386
1976	82,496	39,089	47.4	38,983	35,615	588	35,027	3,369	8.6	43,406
1977	83,955	40,728	48.5	40,613	37,289	612	36,677	3,324	8.2	43,227
1978[1]	85,459	42,755	50.0	42,631	39,569	669	38,900	3,061	7.2	42,703
1979	86,983	44,375	51.0	44,235	41,217	661	40,555	3,018	6.8	42,608
1980	88,507	45,646	51.6	45,487	42,117	656	41,461	3,370	7.4	42,861
1981	89,796	46,873	52.2	46,596	43,000	667	42,333	3,696	7.9	42,922
	Monthly data, seasonally adjusted[2]									
1981:										
October	90,159	47,129	52.3	46,948	43,077	663	42,414	3,871	8.2	43,030
November	90,259	47,272	52.4	47,088	43,121	704	42,417	3,967	8.4	42,987
December	90,352	47,066	52.1	46,881	42,888	619	42,269	3,993	8.5	43,286
1982:										
January	90,441	47,097	52.1	46,913	42,952	713	42,239	3,960	8.4	43,343
February	90,528	47,308	52.3	47,123	42,932	680	42,251	4,191	8.9	43,220
March	90,625	47,452	52.4	47,264	43,020	682	42,339	4,243	9.0	43,173
April	90,718	47,589	52.5	47,401	42,940	647	42,292	4,461	9.4	43,128
May	90,813	48,005	52.9	47,817	43,297	691	42,606	4,520	9.5	42,807
June	90,900	48,094	52.9	47,904	43,541	633	42,908	4,362	9.1	42,806
July	90,995	48,360	53.1	48,169	43,540	664	42,875	4,629	9.6	42,635
August	91,081	48,377	53.1	48,185	43,630	655	42,975	4,555	9.5	42,704
September	91,176	48,320	53.0	48,129	43,572	653	42,919	4,556	9.5	42,856
October	91,272	48,055	52.7	47,865	43,179	646	42,533	4,686	9.8	43,217

[1] Not strictly comparable with prior years. For an explanation, see "Historic Comparability" under Household Data section of Explanatory Notes.

[2] Because seasonality, by definition, does not exist in population figures, data for "total noninstitutional population" are not seasonally adjusted.

HOUSEHOLD DATA

A-3. Employment status of the noninstitutional population by sex, age, and race

(Numbers in thousands)

Sex, age, and race	October 1992										
	Total labor force		Civilian labor force				Not in labor force				
					Unemployed						
	Number	Percent of population	Total	Employed	Number	Percent of labor force	Total	Keeping house	Going to school	Unable to work	Other reasons
MALES											
16 years and over	64,373	76.3	62,375	56,203	6,172	9.9	13,424	378	4,921	1,831	12,694
16 to 21 years	7,846	63.4	7,237	5,666	1,571	21.7	4,535	7	3,988	22	518
16 to 19 years	4,415	54.3	4,182	3,147	1,035	24.7	3,633	--	3,277	9	348
16 to 17 years	1,625	42.3	1,614	1,165	449	27.9	2,241	--	2,140	--	133
18 to 19 years	2,790	66.7	2,567	1,981	586	22.8	1,393	--	1,136	10	249
20 to 64 years	58,112	89.3	56,347	51,296	5,052	9.0	7,205	198	1,644	1,367	8,297
20 to 24 years	9,283	85.2	8,503	7,123	1,380	16.2	1,619	13	1,174	44	387
25 to 54 years	41,626	94.2	40,343	37,346	3,298	8.1	2,558	112	462	594	1,384
25 to 29 years	9,671	94.1	9,276	8,191	1,086	11.7	536	17	268	61	251
30 to 34 years	8,884	95.5	8,579	7,869	710	8.3	421	11	106	84	220
35 to 39 years	7,441	96.3	7,288	6,706	538	7.4	288	20	43	63	151
40 to 44 years	5,835	94.7	5,745	5,367	379	6.5	330	19	25	104	181
45 to 49 years	4,990	93.3	4,861	4,569	291	5.9	378	28	15	129	207
50 to 54 years	4,805	90.1	4,837	4,544	293	6.1	535	19	6	153	358
55 to 64 years	7,203	70.4	7,201	6,827	374	5.2	3,328	72	8	828	2,520
55 to 59 years	4,402	81.3	4,401	4,157	243	5.5	981	33	5	200	743
60 to 64 years	2,801	57.9	2,800	2,670	130	4.7	2,047	39	2	229	1,777
65 years and over	1,846	17.7	1,946	1,760	85	4.6	8,586	181	--	355	8,049
65 to 69 years	1,045	26.5	1,045	995	50	4.8	2,882	44	--	95	2,743
70 years and over	801	12.3	801	765	36	4.4	5,704	137	--	261	5,306
White											
16 years and over	56,523	77.5	54,987	50,232	4,755	8.6	15,385	294	3,843	1,147	11,102
16 to 21 years	6,742	65.5	6,272	5,086	1,186	18.9	3,561	7	3,149	16	389
16 to 19 years	3,870	58.3	3,685	2,873	812	22.0	2,333	--	2,544	8	252
16 to 17 years	1,466	45.3	1,457	1,084	373	25.6	1,730	1	1,645	--	34
18 to 19 years	2,404	69.1	2,228	1,789	439	19.7	1,373	--	899	9	168
20 to 64 years	50,981	89.9	49,531	45,756	3,875	7.8	5,810	142	1,298	842	3,529
20 to 24 years	7,890	86.2	7,310	6,310	1,000	13.7	1,253	12	963	32	255
25 to 54 years	36,567	95.1	35,799	33,229	2,569	7.2	1,883	79	332	457	1,015
25 to 34 years	16,096	95.7	15,597	14,210	1,387	8.9	721	19	288	104	310
35 to 44 years	11,710	96.3	11,473	10,780	693	6.0	451	26	32	139	254
45 to 54 years	8,760	92.5	8,729	8,239	489	5.6	711	34	12	215	450
55 to 64 years	6,524	71.3	6,523	6,217	306	4.7	2,555	51	3	353	2,258
55 to 59 years	3,979	82.5	3,979	3,777	201	5.1	841	27	3	167	644
60 to 64 years	2,545	58.2	2,544	2,439	105	4.1	1,825	24	--	186	1,614
65 years and over	1,671	17.7	1,671	1,603	68	4.1	7,772	152	1	297	7,321
Black and other											
16 years and over	7,850	72.1	7,388	5,971	1,417	19.2	3,039	84	1,078	284	1,592
16 to 21 years	1,104	52.5	965	580	385	39.9	974	--	838	7	153
16 to 19 years	545	39.6	497	274	223	44.8	830	--	733	2	96
16 to 17 years	159	23.8	158	81	76	48.3	511	--	495	--	15
18 to 19 years	386	54.7	339	193	147	43.2	320	--	237	2	80
20 to 64 years	7,131	83.5	6,715	5,540	1,177	17.5	1,394	55	346	225	769
20 to 24 years	1,393	79.7	1,193	813	380	31.9	356	1	211	12	132
25 to 54 years	5,060	88.2	4,845	4,117	729	15.0	576	33	130	133	379
25 to 34 years	2,419	88.9	2,253	1,850	409	18.1	336	9	85	41	171
35 to 44 years	1,566	90.4	1,517	1,293	225	14.8	157	13	37	29	88
45 to 54 years	1,074	84.2	1,063	974	95	8.9	202	11	8	67	115
55 to 64 years	678	65.2	679	611	68	10.0	353	21	5	75	262
55 to 59 years	422	75.1	422	380	42	10.0	140	6	3	32	99
60 to 64 years	256	53.5	255	230	25	10.0	222	15	2	43	163
65 years and over	175	17.6	175	157	17	10.0	815	29	--	58	728

A-3. Employment status of the noninstitutional population by sex, age, and race—Continued

(Numbers in thousands)

Sex, age, and race	October 1982										
	Total labor force		Civilian labor force				Not in labor force				
					Unemployed						
	Number	Percent of population	Total	Employed	Number	Percent of labor force	Total	Keeping house	Going to school	Unable to work	Other reasons
FEMALES											
16 years and over	48,582	53.2	43,392	43,522	4,771	9.9	42,639	31,151	4,792	964	5,733
16 to 21 years	6,838	56.6	6,774	5,435	1,338	19.8	5,253	1,240	3,845	19	350
16 to 19 years	3,947	50.4	3,924	3,036	889	22.6	3,386	465	3,163	11	250
16 to 17 years	1,472	39.2	1,471	1,152	319	21.7	2,278	105	2,105	2	56
18 to 19 years	2,475	60.5	2,453	1,883	570	23.2	1,508	360	1,055	9	183
20 to 64 years	43,404	63.5	43,237	39,399	3,839	8.9	24,313	23,471	1,626	833	2,382
20 to 24 years	7,558	70.3	7,466	6,439	1,027	13.8	3,234	1,393	1,017	18	306
25 to 54 years	30,923	67.5	30,848	28,270	2,577	8.4	14,384	12,986	589	236	1,073
25 to 29 years	7,353	70.7	7,304	6,520	783	10.7	3,253	2,544	255	23	230
30 to 34 years	6,443	68.1	6,425	5,837	618	9.6	3,023	2,534	145	26	159
35 to 39 years	5,488	68.8	5,483	5,094	389	7.1	2,430	2,208	98	44	149
40 to 44 years	4,455	69.2	4,453	4,122	332	7.4	1,982	1,756	47	35	145
45 to 49 years	3,736	65.7	3,736	3,499	237	6.3	1,343	1,134	29	45	171
50 to 54 years	3,448	59.1	3,447	3,228	220	6.4	2,338	2,084	19	63	222
55 to 64 years	4,924	42.3	4,920	4,689	230	4.8	6,734	5,592	20	179	1,003
55 to 59 years	3,012	49.3	3,312	2,844	169	5.6	3,336	2,553	12	84	387
60 to 64 years	1,911	33.7	1,911	1,846	66	3.4	3,758	3,339	8	95	615
65 years and over	1,231	8.1	1,231	1,187	43	3.5	13,890	10,215	5	523	3,151
65 to 69 years	769	15.7	769	736	33	4.3	4,142	3,229	4	84	825
70 years and over	461	4.5	461	452	10	2.1	9,748	6,986	--	436	2,327
White											
16 years and over	41,628	53.0	41,492	37,913	3,579	8.6	36,974	27,518	3,687	793	4,876
16 to 21 years	5,985	59.5	5,941	4,935	1,006	16.9	4,052	813	2,981	16	242
16 to 19 years	3,496	54.0	3,479	2,791	689	19.8	2,381	362	2,432	10	178
16 to 17 years	1,343	43.4	1,343	1,077	266	19.8	1,754	89	1,604	2	59
18 to 19 years	2,152	63.7	2,137	1,714	423	19.8	1,228	273	829	8	119
20 to 64 years	37,026	63.3	36,908	34,054	2,853	7.7	21,446	17,412	1,250	346	1,933
20 to 24 years	6,443	71.3	6,379	5,673	705	11.1	2,388	1,563	799	17	209
25 to 54 years	26,268	67.3	26,214	24,258	1,956	7.5	12,752	11,269	437	179	866
25 to 34 years	11,556	69.3	11,508	10,507	1,001	8.7	5,128	4,484	290	41	313
35 to 44 years	8,493	68.9	8,488	7,906	581	6.9	3,345	3,439	104	60	242
45 to 54 years	6,219	62.2	6,213	5,844	374	6.0	3,779	3,346	44	79	311
55 to 64 years	4,316	41.4	4,315	4,124	192	4.4	6,107	5,380	15	149	863
55 to 59 years	2,625	49.1	2,625	2,484	141	5.4	2,724	2,318	9	65	333
60 to 64 years	1,691	33.3	1,691	1,640	51	3.0	3,383	2,762	7	84	530
65 years and over	1,105	8.1	1,105	1,088	37	3.3	12,586	9,344	6	437	2,759
Black and other											
16 years and over	6,956	58.3	6,901	5,709	1,192	17.3	5,715	3,333	1,105	171	907
16 to 21 years	852	41.5	833	500	333	39.9	1,201	227	865	1	108
16 to 19 years	452	33.3	445	245	200	44.9	305	103	728	1	72
16 to 17 years	129	19.7	128	75	53	41.5	525	16	501	--	8
18 to 19 years	323	46.3	317	170	147	46.3	330	87	227	1	64
20 to 64 years	6,379	64.8	6,333	5,345	985	15.6	3,456	2,559	376	87	433
20 to 24 years	1,115	63.3	1,087	766	321	29.5	547	330	220	1	96
25 to 54 years	4,655	68.5	4,635	4,012	621	13.4	2,132	1,717	152	85	237
25 to 34 years	2,240	70.3	2,221	1,821	400	18.0	947	754	111	8	75
35 to 44 years	1,449	69.3	1,448	1,309	139	9.6	627	521	37	19	50
45 to 64 years	966	63.4	965	883	82	8.5	558	492	4	33	82
55 to 64 years	608	47.3	608	566	42	7.0	537	512	4	31	140
55 to 59 years	387	55.4	387	360	28	7.2	312	235	3	20	54
60 to 64 years	221	37.0	221	206	15	6.6	375	277	2	11	86
65 years and over	126	8.5	126	119	7	5.3	1,345	871	--	83	392

HOUSEHOLD DATA

A-4. Labor force by sex, age, and race

Sex, age, and race	Total labor force				Civilian labor force			
	Thousands of persons		Participation rates		Thousands of persons		Participation rates	
	Oct. 1981	Oct. 1982	Oct. 1981	Oct. 1982	Oct. 1981	Oct. 1982	Oct. 1981	Oct. 1982
MALES								
16 years and over	63,785	64,373	77.0	76.8	61,938	62,375	76.5	76.3
16 to 19 years	4,736	4,415	57.0	54.9	4,457	4,182	55.6	53.5
16 to 17 years	1,833	1,625	45.2	42.0	1,814	1,614	44.9	41.9
18 to 19 years	2,903	2,793	68.4	65.7	2,653	2,567	65.4	62.9
20 to 24 years	9,280	9,283	85.2	85.2	8,521	8,503	84.1	84.0
25 to 54 years	40,743	41,626	94.3	94.2	39,797	41,643	94.2	94.1
25 to 34 years	18,263	18,515	95.1	94.7	17,524	17,855	95.0	94.6
35 to 44 years	12,601	13,276	95.5	95.6	12,330	12,990	95.4	95.5
45 to 54 years	9,879	9,835	91.4	91.5	9,842	9,798	91.3	91.5
55 to 64 years	7,098	7,203	69.8	70.4	7,097	7,201	69.8	70.4
55 to 59 years	4,378	4,402	80.8	81.8	4,377	4,401	80.8	81.8
60 to 64 years	2,720	2,801	57.2	57.8	2,719	2,800	57.2	57.8
65 years and over	1,928	1,846	18.8	17.7	1,928	1,846	18.8	17.7
White								
16 years and over	56,302	56,523	77.8	77.5	54,779	54,987	77.3	77.0
16 to 19 years	4,226	3,873	60.9	58.0	4,015	3,685	59.6	56.8
16 to 17 years	1,694	1,466	49.9	45.9	1,678	1,457	49.7	45.7
18 to 19 years	2,532	2,404	71.3	69.1	2,337	2,229	69.6	67.5
20 to 24 years	7,975	7,990	86.3	86.2	7,914	7,910	85.4	85.3
25 to 54 years	35,889	36,557	95.1	95.1	35,140	35,799	95.0	95.0
25 to 34 years	15,964	16,096	96.0	95.7	15,472	15,597	95.9	95.6
35 to 44 years	11,082	11,710	96.0	96.3	10,856	11,473	95.9	96.2
45 to 54 years	8,844	8,750	92.3	92.5	8,812	8,729	92.2	92.5
55 to 64 years	6,448	6,524	70.5	71.0	6,446	6,523	70.5	71.0
55 to 59 years	3,957	3,979	81.6	82.6	3,956	3,978	81.6	82.6
60 to 64 years	2,490	2,545	58.0	58.2	2,489	2,544	58.0	58.2
65 years and over	1,764	1,571	19.0	17.7	1,764	1,671	19.0	17.7
Black and other								
16 years and over	7,483	7,850	71.5	72.1	7,029	7,388	70.3	70.9
16 to 19 years	510	545	37.4	39.6	452	497	34.7	37.4
16 to 17 years	139	159	20.8	23.8	136	158	20.5	23.6
18 to 19 years	371	386	53.5	54.7	316	339	49.4	51.5
20 to 24 years	1,305	1,393	79.4	79.7	1,107	1,193	76.5	77.0
25 to 54 years	4,854	5,363	89.0	88.2	4,557	4,845	88.6	87.8
25 to 34 years	2,299	2,419	89.2	88.8	2,153	2,258	88.5	88.1
35 to 44 years	1,519	1,565	92.2	90.4	1,474	1,517	92.0	90.1
45 to 54 years	1,035	1,374	84.4	84.2	1,030	1,069	84.3	84.1
55 to 64 years	650	678	63.2	65.2	650	678	63.2	65.1
55 to 59 years	421	422	74.4	75.1	421	422	74.4	75.1
60 to 64 years	229	256	49.4	53.5	229	256	49.4	53.5
65 years and over	164	175	16.9	17.6	164	175	16.9	17.6

A-4. Labor force by sex, age, and race—Continued

Sex, age, and race	Total labor force				Civilian labor force			
	Thousands of persons		Participation rates		Thousands of persons		Participation rates	
	Oct. 1981	Oct. 1982	Oct. 1981	Oct. 1982	Oct. 1981	Oct. 1982	Oct. 1981	Oct. 1982
FEMALES								
16 years and over	47,617	48,332	52.8	53.2	47,436	48,392	52.7	53.1
16 to 19 years	4,041	3,947	50.0	50.4	4,014	3,924	49.8	50.2
16 to 17 years	1,521	1,472	38.6	39.2	1,520	1,471	38.6	39..
18 to 19 years	2,520	2,475	63.8	63.6	2,494	2,453	63.5	63.4
20 to 24 years	7,669	7,558	71.0	70.0	7,581	7,465	70.7	69.8
25 to 54 years	29,842	30,823	66.5	67.5	29,777	35,848	66.5	67.5
25 to 34 years	13,362	13,795	68.4	69.4	13,303	13,729	68.3	69.3
35 to 44 years	9,342	9,942	68.2	69.0	9,336	9,935	68.2	69.0
45 to 54 years	7,138	7,134	61.5	62.4	7,137	7,183	61.5	62.4
55 to 64 years	4,867	4,924	41.8	42.0	4,867	4,924	41.8	42.0
55 to 59 years	3,085	3,312	50.7	49.8	3,085	3,012	50.7	49.8
60 to 64 years	1,781	1,911	32.1	33.7	1,791	1,911	32.1	33.7
65 years and over	1,198	1,231	8.1	8.1	1,198	1,231	8.1	8.1
White								
16 years and over	40,913	41,525	52.5	53.0	40,783	41,492	52.5	52.9
16 to 19 years	3,555	3,496	53.0	54.0	3,536	3,479	52.9	53.9
16 to 17 years	1,379	1,343	42.5	43.4	1,378	1,343	42.4	43.4
18 to 19 years	2,176	2,152	63.0	63.7	2,158	2,137	62.8	63.5
20 to 24 years	6,574	6,443	72.5	71.3	6,511	6,379	72.3	71.1
25 to 54 years	25,437	26,268	66.3	67.3	25,389	26,214	66.3	67.3
25 to 34 years	11,234	11,556	68.1	69.3	11,191	11,508	69.1	69.2
35 to 44 years	8,010	8,493	68.1	68.8	9,336	9,489	68.1	68.8
45 to 54 years	6,193	6,219	61.4	62.2	6,192	6,218	61.4	62.2
55 to 64 years	4,277	4,316	41.2	41.4	4,277	4,316	41.2	41.4
55 to 59 years	2,730	2,625	50.5	49.1	2,730	2,625	50.5	49.1
60 to 64 years	1,547	1,691	31.1	33.3	1,547	1,691	31.1	33.3
65 years and over	1,070	1,105	8.0	8.1	1,070	1,105	8.0	8.1
Black and other								
16 years and over	6,703	6,955	58.5	58.9	6,653	6,931	58.0	58.7
16 to 19 years	486	452	35.2	33.3	478	445	34.8	33.0
16 to 17 years	142	129	20.5	19.7	142	128	20.5	19.7
18 to 19 years	344	323	49.9	46.0	336	317	49.4	45.5
20 to 24 years	1,095	1,115	63.1	63.3	1,070	1,087	62.5	62.7
25 to 54 years	4,405	4,555	67.8	68.6	4,388	4,635	67.7	68.5
25 to 34 years	2,128	2,240	69.6	70.3	2,112	2,221	69.4	70.1
35 to 44 years	1,332	1,449	68.8	69.8	1,331	1,448	68.8	69.3
45 to 54 years	945	965	62.8	63.4	945	965	62.8	63.4
55 to 64 years	590	638	46.7	47.0	590	638	46.7	47.0
55 to 59 years	355	387	51.7	55.4	355	387	51.7	55.4
60 to 64 years	234	221	40.6	37.0	234	221	40.6	37.0
65 years and over	128	126	9.0	8.6	128	126	9.0	8.6

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A-5. Employment status of black workers by sex and age

[Numbers in thousands]

Sex and age	October 1982						
	Civilian labor force						Not in labor force
	Total	Employed			Unemployed		
		Total	Agriculture	Nonagricultural industries	Number	Percent of labor force	
TOTAL							
16 years and over	11,462	9,182	157	9,025	2,280	19.9	7,230
16 to 19 years	760	380	15	365	381	50.1	1,477
16 to 17 years	246	136	3	132	113	51.9	887
18 to 19 years	544	274	11	263	271	49.7	590
20 to 24 years	1,928	1,282	18	1,265	645	33.5	785
25 to 54 years	7,474	6,321	82	6,239	1,152	15.4	2,200
25 to 34 years	3,591	2,949	26	2,823	692	19.5	936
35 to 44 years	2,313	1,995	24	1,971	319	13.7	617
45 to 54 years	1,615	1,477	32	1,444	143	8.8	647
55 to 64 years	1,092	353	29	933	83	7.9	898
55 to 59 years	660	511	19	592	50	7.5	381
60 to 64 years	381	349	11	338	33	8.7	517
65 years and over	259	243	14	229	19	7.3	1,869
Males							
16 years and over	5,825	4,509	134	4,475	1,215	20.9	2,508
16 to 19 years	397	196	11	185	201	50.6	695
16 to 17 years	116	53	3	49	63	54.3	432
18 to 19 years	281	144	7	136	138	49.1	263
20 to 24 years	997	657	15	643	339	34.0	238
25 to 54 years	3,755	3,148	71	3,077	606	16.1	552
25 to 34 years	1,755	1,411	23	1,388	343	19.5	246
35 to 44 years	1,172	981	20	961	191	16.3	130
45 to 54 years	828	755	29	727	73	8.8	176
55 to 64 years	531	475	27	448	56	10.5	318
55 to 59 years	337	302	19	284	35	10.4	120
60 to 64 years	193	173	10	164	21	10.9	198
65 years and over	146	133	11	122	13	8.9	704
Females							
16 years and over	5,637	4,673	23	4,650	1,065	18.9	4,722
16 to 19 years	363	184	4	180	180	49.5	782
16 to 17 years	100	53	--	53	47	46.8	455
18 to 19 years	263	133	4	127	133	50.5	327
20 to 24 years	931	625	3	622	306	32.9	547
25 to 54 years	3,719	3,173	11	3,162	546	14.7	1,648
25 to 34 years	1,786	1,538	3	1,535	249	13.9	690
35 to 44 years	1,141	1,014	4	1,010	127	11.2	487
45 to 54 years	791	721	4	717	70	8.8	471
55 to 64 years	511	484	2	482	27	5.3	580
55 to 59 years	323	309	1	308	15	4.6	261
60 to 64 years	188	175	1	174	12	6.6	319
65 years and over	113	107	3	104	6	4.9	1,165

A-6. Employment status of the noninstitutional population by race, sex, and age

(Numbers in thousands)

Employment status and race	Total		Males, 20 years and over		Females, 20 years and over		Both sexes, 16-19 years	
	Oct. 1981	Oct. 1982	Oct. 1981	Oct. 1982	Oct. 1981	Oct. 1982	Oct. 1981	Oct. 1982
TOTAL								
Total noninstitutional population	172,956	175,069	74,532	75,799	82,374	83,438	16,390	15,482
Total labor force	111,431	112,955	59,048	59,959	43,575	44,635	8,778	8,363
Percent of population	64.4	64.5	79.3	79.2	53.1	53.5	53.6	52.7
Civilian labor force	109,244	110,767	57,141	58,193	43,422	44,368	8,681	8,136
Employed	101,828	99,925	53,920	53,056	43,333	43,586	6,778	6,182
Agriculture	3,577	3,618	2,540	2,592	571	538	356	333
Nonagricultural industries	97,451	96,207	51,380	50,465	39,559	39,908	6,411	5,794
Unemployed	8,216	10,842	3,421	5,137	3,392	3,882	1,733	1,954
Percent of labor force	7.5	9.9	6.0	8.8	7.1	8.7	20.1	23.7
Not in labor force	61,565	62,114	15,484	15,791	38,799	38,803	7,611	7,519
White								
Total noninstitutional population	153,219	151,508	65,835	65,235	71,158	72,123	13,647	13,150
Total labor force	97,215	98,149	52,076	52,652	37,359	38,131	7,781	7,366
Percent of population	64.7	64.8	79.6	79.5	52.5	52.9	57.0	56.0
Civilian labor force	95,332	95,479	50,769	51,302	37,247	38,013	7,550	7,164
Employed	89,397	88,145	48,155	47,359	34,981	35,122	6,260	5,663
Agriculture	3,333	3,376	2,336	2,439	533	598	357	339
Nonagricultural industries	86,064	84,768	45,819	44,950	34,382	34,525	5,903	5,294
Unemployed	5,935	8,334	2,609	3,943	2,265	2,893	1,293	1,501
Percent of labor force	5.5	8.6	5.1	7.7	5.1	7.6	17.1	21.0
Not in labor force	53,331	53,359	13,330	13,582	33,836	33,992	5,865	5,784
Black and other								
Total noninstitutional population	22,753	23,561	9,037	9,511	10,313	11,315	2,744	2,732
Total labor force	14,136	14,807	6,973	7,306	6,217	6,505	996	997
Percent of population	62.4	62.8	76.6	76.3	57.3	57.5	36.3	36.5
Civilian labor force	13,582	14,298	6,577	6,891	6,175	6,456	930	952
Employed	11,631	11,680	5,765	5,697	5,343	5,464	517	519
Agriculture	244	242	203	192	37	40	4	10
Nonagricultural industries	11,387	11,438	5,561	5,505	5,307	5,423	508	509
Unemployed	2,351	2,608	813	1,194	826	992	413	423
Percent of labor force	13.0	18.3	12.4	17.3	13.4	15.4	44.8	44.4
Not in labor force	9,554	8,754	2,124	2,209	4,533	4,911	1,747	1,735

A-7. Employment status of the noninstitutional population 16 to 21 years of age by major activity, sex, and race

(Numbers in thousands)

Employment status and major activity	October 1992								
	Total			White			Black and other		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
TOTAL									
Total noninstitutional population	24,471	12,381	12,091	20,323	10,282	10,037	4,152	2,099	2,053
Total labor force	14,694	7,046	6,838	12,727	5,742	5,985	1,967	1,134	852
Percent of population	60.0	56.9	56.6	62.6	55.6	59.6	47.1	52.6	41.5
Civilian labor force	14,011	7,237	6,774	12,212	6,272	5,941	1,798	965	833
Employed	11,131	5,666	5,465	10,021	5,086	4,935	1,080	580	500
Agriculture	582	451	131	552	453	92	30	21	9
Nonagricultural industries	10,549	5,185	5,334	9,469	4,626	4,843	1,050	559	491
Unemployed	2,939	1,571	1,338	2,191	1,185	1,006	719	385	333
Looking for full-time work	1,883	1,041	842	1,358	760	598	525	290	234
Looking for part-time work	1,027	530	496	823	425	398	203	105	98
Percent of labor force	23.5	21.7	19.8	17.9	18.9	15.9	39.9	39.9	39.9
Not in labor force	9,799	4,535	5,253	7,593	3,541	3,052	2,195	994	1,201
Major activity: going to school									
Civilian labor force	4,555	2,324	2,241	4,088	2,057	2,022	476	258	218
Employed	3,595	1,733	1,762	3,261	1,627	1,634	273	146	128
Agriculture	183	148	35	175	149	28	6	--	7
Nonagricultural industries	3,352	1,625	1,727	3,085	1,479	1,606	267	146	121
Unemployed	1,033	552	479	828	439	388	203	112	93
Looking for full-time work	89	53	36	53	41	25	23	12	11
Looking for part-time work	941	498	443	751	399	353	180	100	80
Percent of labor force	22.5	23.7	21.4	20.2	21.3	19.2	42.6	43.5	41.4
Not in labor force	7,833	3,988	3,845	6,133	3,149	2,981	1,701	838	855
Major activity: other									
Civilian labor force	9,445	4,912	4,533	8,123	4,215	3,918	1,322	708	615
Employed	7,535	3,893	3,673	6,759	3,459	3,331	807	434	372
Agriculture	399	332	67	375	311	64	23	21	2
Nonagriculatural industries	7,167	3,561	3,607	6,384	3,147	3,237	783	413	373
Unemployed	1,879	1,019	860	1,354	746	618	515	273	242
Looking for full-time work	1,793	987	806	1,392	719	582	492	258	224
Looking for part-time work	86	32	54	62	27	35	24	5	18
Percent of labor force	19.9	20.8	19.0	16.9	17.7	15.9	39.0	39.6	39.4
Not in labor force	1,955	547	1,408	1,453	391	1,071	493	155	336

A-8. Full- and part-time status of the civilian labor force by sex, age, and race

[Numbers in thousands]

Sex, age, and race	October 1982								
	Full-time labor force					Part-time labor force			
	Total	Employed		Unemployed (looking for full-time work)		Total	Employed on voluntary part time[1]	Unemployed (looking for part-time work)	
		Full-time schedules[1]	Part time for economic reasons	Number	Percent of full-time labor force			Number	Percent of part-time labor force
TOTAL									
Both sexes, 16 years and over	94,205	78,651	6,407	9,147	9.7	16,562	14,767	1,795	10.8
16 to 21 years	8,336	5,179	1,274	1,883	22.6	5,674	4,648	1,027	18.1
16 to 19 years	3,790	1,983	773	1,034	27.3	4,316	3,426	893	20.6
16 to 17 years	548	239	185	196	35.7	2,537	1,965	572	22.5
18 to 19 years	3,242	1,775	628	838	25.8	1,779	1,461	319	17.9
20 years and over	90,415	75,653	5,633	8,113	9.3	12,246	11,341	906	7.4
20 to 24 years	13,430	10,057	1,224	2,149	16.3	2,539	2,281	258	10.2
25 years and over	76,984	65,611	4,409	5,964	7.7	9,737	9,060	648	6.7
25 to 54 years	64,849	55,843	3,615	5,389	8.1	6,642	6,155	487	7.3
55 years and over	12,135	10,767	794	576	4.7	3,066	2,905	161	5.3
Males, 16 years and over	57,145	48,575	3,115	5,455	9.5	5,230	4,513	717	13.7
16 to 21 years	4,559	2,871	647	1,041	22.9	2,678	2,148	530	19.8
16 to 19 years	2,091	1,123	398	570	27.3	2,091	1,626	465	22.2
20 years and over	55,054	47,451	2,718	4,885	8.9	3,139	2,887	252	8.0
20 to 24 years	7,450	5,572	614	1,263	17.0	1,053	936	117	11.1
25 years and over	47,604	41,879	2,104	3,622	7.6	2,086	1,951	135	6.5
25 to 54 years	39,768	34,844	1,687	3,238	8.1	875	815	60	6.9
55 years and over	7,836	7,035	416	385	4.9	1,212	1,136	75	6.2
Females, 16 years and over	37,060	30,075	3,291	3,692	10.0	11,332	10,254	1,078	9.5
16 to 21 years	3,777	2,308	628	842	22.3	2,996	2,500	496	16.6
16 to 19 years	1,699	853	376	464	27.3	2,225	1,800	425	19.1
20 years and over	35,361	29,215	2,916	3,228	9.1	9,107	8,454	654	7.2
20 to 24 years	5,980	4,484	610	886	14.8	1,486	1,345	141	9.5
25 years and over	29,380	24,732	2,306	2,342	8.0	7,622	7,109	512	6.7
25 to 54 years	25,081	21,001	1,929	2,151	8.6	5,767	5,340	426	7.4
55 years and over	4,299	3,731	377	191	4.4	1,855	1,768	86	4.6
White									
Males, 16 years and over	50,300	43,543	2,583	4,176	9.3	4,687	4,108	579	12.4
16 to 21 years	3,867	2,583	527	760	19.7	2,404	1,979	425	17.7
16 to 19 years	1,808	1,032	335	442	24.4	1,876	1,506	371	19.7
20 years and over	48,491	42,508	2,248	3,735	7.7	2,811	2,603	208	7.4
20 to 24 years	6,371	4,969	501	902	14.2	939	841	97	10.4
25 years and over	42,120	37,543	1,747	2,832	6.7	1,872	1,761	111	5.9
25 to 54 years	35,029	31,114	1,393	2,521	7.2	768	721	48	6.3
55 years and over	7,090	6,426	354	311	4.4	1,103	1,040	63	5.7
Females, 16 years and over	31,169	25,923	2,662	2,682	8.6	10,327	9,431	896	8.7
16 to 21 years	3,228	2,088	523	608	18.8	2,712	2,314	398	14.7
16 to 19 years	1,459	795	322	341	23.4	2,323	1,673	347	17.2
20 years and over	29,705	25,024	2,341	2,341	7.9	8,397	7,758	549	6.6
20 to 24 years	5,064	3,952	535	607	12.3	1,315	1,217	98	7.5
25 years and over	24,641	21,072	1,836	1,734	7.3	6,993	6,542	452	6.5
25 to 54 years	20,885	17,760	1,545	1,580	7.5	5,329	4,952	376	7.1
55 years and over	3,756	3,312	291	154	4.1	1,665	1,589	75	4.5
Black and other									
Males, 16 years and over	6,845	5,033	532	1,279	18.7	542	404	138	25.5
16 to 21 years	691	292	119	280	40.5	274	169	105	38.4
16 to 19 years	282	91	63	128	45.4	215	120	95	44.1
20 years and over	6,563	4,943	469	1,150	17.5	328	285	43	13.3
20 to 24 years	1,079	509	114	361	33.4	114	95	19	17.0
25 years and over	5,484	4,433	357	790	14.4	213	189	25	11.7
25 to 54 years	4,739	3,730	294	716	15.1	105	93	13	12.4
55 years and over	745	609	62	74	9.9	108	96	12	11.1
Females, 16 years and over	5,895	4,255	629	1,010	17.1	1,005	823	182	18.1
16 to 21 years	549	210	105	234	42.7	284	185	99	34.6
16 to 19 years	240	84	54	123	51.1	205	128	77	37.8
20 years and over	5,656	4,193	575	888	15.7	800	696	104	13.0
20 to 24 years	916	533	105	278	30.4	171	128	43	25.1
25 years and over	4,739	3,661	470	610	12.9	629	568	61	9.7
25 to 54 years	4,196	3,242	384	571	13.6	438	388	50	11.4
55 years and over	543	413	87	39	7.2	191	180	11	5.8

1 Employed persons with a job but not at work are distributed proportionately among the full- and part-time employed categories.

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A-9. Employment status of the noninstitutional population by family relationship

[Numbers in thousands]

Family relationship	October 1982									
	Civilian labor force					Not in labor force				
	Total	Percent of population	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
				Number	Percent of labor force					
Total, 16 years and over	110,767	64.1	99,825	10,942	9.9	62,114	31,529	9,712	2,395	18,477
Husbands	39,987	80.1	37,431	2,556	6.4	9,957	148	245	831	8,733
With employed wife	22,263	92.0	21,014	1,249	5.6	1,927	56	139	267	1,465
With unemployed wife	1,930	93.7	1,571	359	18.6	130	3	10	36	82
With wife not in labor force	15,794	66.7	14,846	948	6.0	7,901	89	96	528	7,187
Wives	26,250	52.6	24,190	2,060	7.8	23,694	20,931	403	270	2,090
With employed husband	22,585	60.3	21,014	1,571	7.0	14,846	13,582	321	99	844
With unemployed husband	1,609	62.9	1,249	359	22.3	948	861	31	14	41
With husband not in labor force	2,057	20.7	1,927	130	6.3	7,901	6,488	51	157	1,205
Relatives in married-couple families	13,610	61.2	11,132	2,478	18.2	8,616	872	6,119	273	1,352
16 to 19 years	5,447	51.6	4,274	1,174	21.5	5,100	112	4,653	12	324
20 to 24 years	5,298	75.2	4,427	871	16.4	1,750	125	1,337	34	254
25 years and over	2,865	61.9	2,431	433	15.1	1,766	635	129	227	774
Females who maintain families	5,812	60.7	5,128	684	11.8	3,766	2,887	159	103	617
Relatives in families maintained by females	4,801	56.5	3,605	1,196	24.9	3,689	793	1,659	238	1,000
16 to 19 years	1,278	45.1	845	433	33.9	1,558	75	1,306	5	171
20 to 24 years	1,537	71.4	1,115	423	27.5	617	124	303	16	173
25 years and over	1,986	56.7	1,645	340	17.1	1,514	594	50	217	656
Males who maintain families	1,778	74.5	1,611	168	9.4	607	31	34	70	472
Relatives in families maintained by males	1,525	60.9	1,203	322	21.1	981	386	288	62	244
16 to 19 years	321	55.8	216	104	32.6	254	10	206	1	36
20 to 24 years	425	76.2	337	88	20.8	133	29	59	1	43
25 years and over	779	56.7	650	130	16.7	594	347	23	60	165
Persons living alone	10,419	53.9	9,709	711	6.8	8,924	4,899	247	455	3,324
Males	5,400	71.5	4,923	476	8.8	2,157	126	138	199	1,695
Females	5,020	42.6	4,785	235	4.7	6,767	4,773	109	256	1,629
All others[1]	6,585	77.8	5,816	767	11.6	1,880	582	558	93	645

[1] The majority of these persons are living with nonrelatives. Also included are persons in married-couple families where the husband is in the Armed Forces, persons in secondary families, and some whose family status is unknown.

A-10. Unemployed persons by marital status, race, age, and sex

Marital status, race, and age	Males				Females			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	Oct. 1981	Oct. 1982	Oct. 1981	Oct. 1982	Oct. 1981	Oct. 1982	Oct. 1981	Oct. 1982
Total, 16 years and over	4,279	6,172	6.9	9.9	3,937	4,771	8.3	9.9
Married, spouse present	1,642	2,690	4.3	6.6	1,622	2,135	6.2	8.0
Widowed, divorced, or separated	439	726	8.9	13.1	786	881	8.4	9.5
Single (never married)	2,148	2,756	13.3	17.8	1,529	1,754	12.6	14.1
White, 16 years and over	3,297	4,755	6.3	8.6	2,878	3,579	7.1	8.6
Married, spouse present	1,342	2,227	3.6	6.0	1,357	1,795	5.8	7.5
Widowed, divorced, or separated	330	536	7.4	11.8	578	617	7.7	8.3
Single (never married)	1,615	1,992	12.1	14.8	943	1,167	9.4	11.4
Black and other, 16 years and over	992	1,417	14.1	19.2	1,059	1,192	15.9	17.3
Married, spouse present	310	463	8.3	11.7	255	340	9.7	11.7
Widowed, divorced, or separated	159	189	15.1	18.9	228	264	11.4	14.2
Single (never married)	533	764	24.2	31.7	586	588	27.9	27.6
Total, 20 to 64 years of age	3,350	5,052	6.1	9.0	3,038	3,839	7.2	8.9
Married, spouse present	1,586	2,606	4.1	6.6	1,546	2,049	6.1	7.9
Widowed, divorced, or separated	466	707	8.9	13.3	740	839	8.6	9.8
Single (never married)	1,308	1,738	11.7	14.9	751	951	9.0	10.8
White, 20 to 64 years of age	2,567	3,875	5.2	7.8	2,226	2,853	6.2	7.7
Married, spouse present	1,235	2,157	3.7	5.1	1,290	1,716	5.7	7.4
Widowed, divorced, or separated	319	521	7.5	12.0	539	581	7.9	8.6
Single (never married)	953	1,197	10.1	12.2	397	555	5.9	7.9
Black and other, 20 to 64 years of age	794	1,177	12.4	17.5	813	985	13.4	15.6
Married, spouse present	231	449	8.3	11.7	257	332	9.6	11.7
Widowed, divorced, or separated	147	185	14.7	19.3	200	258	11.5	14.4
Single (never married)	356	541	20.3	28.2	355	395	21.7	23.3

A-11. Unemployed persons by occupation and sex

Occupation	Thousands of persons		Unemployment rates					
			Total		Males		Females	
	Oct. 1981	Oct. 1982	Oct. 1981	Oct. 1982	Oct. 1981	Oct. 1982	Oct. 1981	Oct. 1982
Total, 16 years and over	3,216	10,982	7.5	9.9	6.9	9.9	8.3	9.9
White-collar workers	2,377	3,003	4.3	5.3	2.7	4.1	5.6	6.3
Professional and technical	463	653	2.7	3.7	2.2	3.4	3.4	3.9
Managers and administrators, except farm	339	434	2.3	3.6	2.2	3.2	4.2	4.7
Sales workers	314	413	4.7	5.4	3.2	4.0	6.3	7.1
Clerical workers	1,254	1,504	6.4	7.5	4.9	7.2	6.7	7.5
Blue-collar workers	3,350	4,896	9.7	14.3	9.2	13.7	12.0	16.8
Craft and kindred workers	965	1,285	7.2	9.5	7.3	9.7	5.9	7.2
Carpenters and other construction craft workers	498	589	11.7	13.9	11.9	13.9	9.0	13.3
All other	467	696	5.1	7.5	5.0	7.5	5.4	6.6
Operatives, except transport	1,337	2,176	11.5	13.3	10.5	19.2	13.1	19.8
Transport equipment operatives	255	397	6.5	10.5	6.8	10.5	8.6	9.7
Nonfarm laborers	753	1,038	14.4	18.2	14.3	18.4	15.2	16.7
Construction laborers	204	299	20.6	27.7	20.0	27.2	(1)	(1)
All other	549	739	13.3	15.0	12.8	16.1	13.8	15.3
Service workers	1,403	1,645	9.4	10.7	9.2	10.9	9.5	10.5
Private household	85	55	7.5	4.8	(1)	(1)	7.4	4.5
All other	1,315	1,590	9.5	11.2	9.2	10.6	9.8	11.4
Farm workers	165	175	5.3	5.7	3.7	4.7	7.9	10.3
No previous work experience	914	1,223	--	--	--	--	--	--
16 to 19 years	620	859	--	--	--	--	--	--
20 to 24 years	171	225	--	--	--	--	--	--
25 years and over	123	140	--	--	--	--	--	--

[1] Percent not shown where base is less than 75,000.

A-12. Unemployed persons by industry and sex

Industry	Percent distribution		Unemployment rates					
			Total		Males		Females	
	Oct. 1981	Oct. 1982	Oct. 1981	Oct. 1982	Oct. 1981	Oct. 1982	Oct. 1981	Oct. 1982
Total, 16 years and over	100.0	100.0	7.5	9.9	6.9	9.9	8.3	9.9
Nonagricultural private wage and salary workers	76.4	77.4	7.5	10.4	7.2	10.8	8.2	10.3
Mining	1.0	1.8	6.7	18.0	6.5	20.8	7.7	2.6
Construction	8.7	8.6	13.9	13.3	14.1	18.3	11.8	18.9
Manufacturing	22.7	26.8	8.0	13.2	7.0	12.6	10.2	14.9
Durable goods	13.4	17.8	7.9	14.8	7.2	14.5	9.4	15.5
Lumber and wood products	.9	1.0	10.3	15.4	10.9	16.9	10.7	10.4
Furniture and fixtures	.8	1.0	10.5	18.4	8.4	17.0	15.5	21.7
Stone, clay, and glass products	.7	.8	8.5	19.7	7.8	13.9	11.9	18.9
Primary metal industries	1.7	2.3	10.9	23.8	11.1	24.1	9.8	21.9
Fabricated metal products	2.1	1.9	11.2	15.1	10.3	16.5	14.2	14.8
Machinery, except electrical equipment	1.9	3.7	5.1	14.5	5.1	14.8	5.1	18.7
Electrical equipment	2.0	2.8	6.5	11.9	4.7	9.7	9.7	14.8
Transportation equipment	2.1	2.9	7.1	15.2	7.0	13.7	8.0	21.5
Automobiles	1.5	1.7	10.2	18.8	9.1	16.1	16.0	31.2
Other transportation equipment	.5	1.2	4.4	11.8	8.8	11.4	3.1	13.6
Instruments and related products	.5	.5	5.5	3.3	1.7	9.4	10.8	9.1
Other durable goods industries	.3	.8	9.2	10.9	8.2	9.3	10.7	13.2
Nondurable goods	9.3	9.0	8.4	13.9	6.5	9.1	10.9	13.4
Food and kindred products	2.6	1.9	10.7	10.9	8.8	10.6	14.8	11.5
Textile mill products	1.2	1.0	12.4	13.7	7.9	12.1	16.3	15.4
Apparel and other textile products	1.7	1.9	10.1	15.7	9.1	12.2	10.6	16.7
Paper and allied products	.7	.6	7.5	8.6	6.0	8.0	13.3	11.4
Printing and publishing	1.1	1.1	5.1	7.5	4.3	7.5	6.2	7.5
Chemicals and allied products	.7	.9	4.3	7.7	3.5	6.4	7.9	11.0
Rubber and plastics products	.8	.9	8.5	14.1	8.3	12.0	8.8	17.7
Other nondurable goods industries	.6	.7	7.3	11.7	5.1	6.8	10.2	17.3
Transportation and public utilities	3.9	3.7	4.1	7.0	4.4	7.3	3.4	6.1
Railroads and railway express	.2	.5	3.5	11.1	3.2	11.9	(1)	(1)
Other transportation	1.9	2.6	5.3	10.2	6.3	10.1	3.9	10.6
Communication and other public utilities	.8	.6	2.5	2.6	2.3	2.4	2.9	3.1
Wholesale and retail trade	20.0	19.0	8.1	9.9	6.7	8.6	9.6	11.4
Finance, insurance, and real estate	2.6	2.7	3.3	5.3	3.1	4.7	4.2	5.2
Service industries	16.5	18.8	7.1	8.0	5.8	8.3	7.3	7.8
Professional services	7.2	5.9	5.3	5.5	3.7	4.7	6.1	5.8
All other service industries	9.3	8.9	9.7	11.4	9.5	11.5	9.8	11.4
Agricultural wage and salary workers	2.6	2.0	12.2	11.5	10.4	10.0	19.1	17.0
All other classes of workers	11.9	9.5	3.7	3.9	3.3	3.6	4.3	4.3
No previous work experience	11.1	11.2	--	--	--	--	--	--

[1] Percent not shown where base is less than 75,000.

HOUSEHOLD DATA

A-13. Unemployed persons by reason for unemployment, sex, age, and race

Reason for unemployment	Total unemployed		Males, 20 years and over		Females, 20 years and over		Both sexes, 16 to 19 years		White		Black and other	
	Oct. 1981	Oct. 1982	Oct. 1981	Oct. 1982	Oct. 1981	Oct. 1982	Oct. 1981	Oct. 1982	Oct. 1981	Oct. 1982	Oct. 1981	Oct. 1982
NUMBER OF UNEMPLOYED												
Total unemployed, in thousands	8,216	10,942	3,421	5,137	3,092	3,892	1,733	1,929	6,165	8,334	2,351	2,638
Job losers	3,976	6,523	2,392	4,080	1,187	1,982	397	458	3,028	5,082	948	1,433
On layoff	1,198	1,942	725	1,268	385	581	87	93	973	1,659	225	283
Other job losers	2,778	4,578	1,666	2,812	802	1,401	310	365	2,055	3,423	723	1,155
Job leavers	1,037	847	319	285	513	412	204	150	842	656	195	191
Reentrants	2,292	2,357	636	636	1,202	1,261	484	460	1,679	1,776	513	581
New entrants	911	1,213	135	136	189	226	617	856	617	820	295	393
PERCENT DISTRIBUTION												
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers	48.4	59.5	69.9	79.4	38.4	51.1	23.3	23.8	49.1	61.0	40.3	55.1
On layoff	14.6	17.7	21.2	24.7	12.4	15.0	5.1	4.8	15.8	19.9	11.0	10.9
Other job losers	33.8	41.8	48.7	54.7	25.9	36.1	18.2	19.0	33.3	41.1	35.3	44.3
Job leavers	12.6	7.7	9.3	5.6	16.6	10.5	12.0	7.8	13.7	7.9	9.5	7.3
Reentrants	27.9	21.5	17.7	12.4	38.9	32.5	28.4	23.9	27.2	21.3	29.9	22.3
New entrants	11.1	11.1	3.1	2.6	6.1	5.8	35.3	44.5	10.0	9.8	14.4	15.3
UNEMPLOYMENT RATE												
Total unemployment rate	7.5	9.9	5.0	8.8	7.1	9.7	20.1	23.7	6.5	8.6	15.0	18.3
Job loser rate[1]	3.6	5.9	4.2	7.0	2.7	4.5	4.7	5.6	3.2	5.2	6.9	10.1
Job leaver rate[1]	.9	.8	.5	.5	1.2	.9	2.4	1.9	.9	.7	1.4	1.3
Reentrant rate[1]	2.1	2.1	1.1	1.1	2.8	2.8	5.7	5.7	1.8	1.8	4.5	4.1
New entrant rate[1]	.8	1.1	.2	.2	.4	.5	7.3	10.6	.6	.8	2.2	2.8

[1] Unemployment rates are calculated as a percent of the civilian labor force.

A-14. Unemployed persons by reason for unemployment, sex, age, and duration of unemployment

[Percent distribution]

Reason, sex, and age	October 1982						
	Total unemployed		Duration of unemployment				
	Thousands of persons	Percent	Less than 5 weeks	5 to 14 weeks	15 weeks and over		
					Total	15 to 26 weeks	27 weeks and over
Total, 16 years and over	10,942	100.0	35.1	30.1	34.9	15.8	19.0
Job losers	6,523	100.0	31.0	29.2	39.9	16.5	23.3
On layoff	1,942	100.0	39.7	28.7	31.6	13.9	17.8
Other job losers	4,578	100.0	27.3	29.4	43.3	17.7	25.6
Job leavers	847	100.0	37.5	37.4	25.1	12.7	12.4
Reentrants	2,357	100.0	43.8	30.6	25.6	12.9	12.7
New entrants	1,213	100.0	39.0	29.7	32.3	19.4	12.9
Males, 20 years and over	5,137	100.0	29.5	29.0	41.6	17.0	24.6
Job losers	4,080	100.0	27.9	29.6	42.5	17.5	26.0
On layoff	1,268	100.0	37.2	28.9	33.9	14.8	19.1
Other job losers	2,812	100.0	23.7	29.8	47.9	18.7	29.1
Job leavers	285	100.0	28.3	38.6	33.0	16.4	16.7
Reentrants	635	100.0	39.0	28.9	32.1	13.9	18.2
New entrants	136	100.0	34.4	23.7	44.9	16.5	28.4
Females, 20 years and over	3,892	100.0	38.1	31.1	30.8	14.0	16.8
Job losers	1,982	100.0	33.3	33.4	36.3	15.6	20.7
On layoff	581	100.0	40.9	29.1	30.0	13.0	17.1
Other job losers	1,401	100.0	33.1	31.0	38.9	16.6	22.2
Job leavers	412	100.0	41.6	34.2	24.2	11.0	13.2
Reentrants	1,261	100.0	45.0	30.7	24.2	12.2	12.0
New entrants	226	100.0	35.3	33.3	31.4	14.9	16.5
Both sexes, 16 to 19 years	1,929	100.0	39.9	31.1	29.0	16.3	8.3
Job losers	458	100.0	48.7	29.7	21.6	12.2	9.5
On layoff	93	100.0	66.5	23.3	10.1	7.0	3.1
Other job losers	365	100.0	44.1	31.3	24.6	13.5	11.1
Job leavers	150	100.0	43.7	43.9	12.3	10.2	2.3
Reentrants	460	100.0	47.1	32.7	20.2	13.8	6.4
New entrants	856	100.0	40.7	28.7	30.5	21.1	9.5

A-15. Unemployed jobseekers by sex, age, race, and jobsearch methods used

Sex, age, and race	October 1982								
	Thousands of persons		Methods used as a percent of total jobseekers						Average number of methods used
	Total unemployed	Total jobseekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives	Other	
Total, 16 years and over	10,942	8,935	23.7	6.1	78.9	34.4	15.5	4.6	1.63
16 to 19 years	1,924	1,323	16.5	3.8	82.7	27.0	14.5	3.2	1.48
20 to 24 years	2,407	2,024	20.1	6.2	82.0	33.3	16.7	3.1	1.65
25 to 34 years	3,197	2,672	26.7	5.6	77.2	39.6	15.5	4.8	1.69
35 to 44 years	1,638	1,249	26.7	9.4	77.5	36.3	13.5	5.3	1.68
45 to 54 years	1,040	783	26.7	7.2	73.3	35.4	17.1	6.9	1.68
55 to 64 years	608	453	22.5	6.2	73.3	30.4	17.7	8.2	1.62
65 years and over	129	104	22.1	3.8	73.1	23.1	10.6	9.6	1.42
Males, 16 years and over	6,172	4,779	26.2	5.9	79.7	32.0	17.1	5.7	1.67
16 to 19 years	1,035	954	19.3	3.2	83.4	25.8	15.8	2.9	1.51
20 to 24 years	1,380	1,143	25.4	6.3	81.3	31.4	19.3	3.6	1.67
25 to 34 years	1,796	1,276	29.7	5.3	78.8	38.0	19.0	6.2	1.77
35 to 44 years	918	552	29.6	9.2	76.8	33.1	12.4	7.8	1.69
45 to 54 years	584	410	30.7	7.8	72.7	32.9	17.8	11.0	1.73
55 to 64 years	374	272	24.3	6.3	83.1	27.9	15.1	9.2	1.63
65 years and over	85	73	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Females, 16 years and over	4,771	4,127	20.8	6.2	78.0	37.2	13.6	3.2	1.59
16 to 19 years	889	855	13.4	4.4	81.9	28.4	13.0	3.5	1.45
20 to 24 years	1,027	881	22.3	6.0	82.8	35.9	13.5	2.6	1.63
25 to 34 years	1,401	1,195	23.5	6.0	75.6	41.4	11.7	3.1	1.62
35 to 44 years	720	597	23.5	9.7	78.2	39.9	14.6	2.5	1.68
45 to 54 years	456	373	22.0	6.4	73.7	40.2	16.1	2.4	1.61
55 to 64 years	234	181	20.4	6.1	63.0	44.2	21.5	6.6	1.62
65 years and over	43	31	(1)	(1)	(1)	(1)	(1)	(1)	(1)
White, 16 years and over	8,334	6,595	22.8	6.4	78.5	37.0	16.3	4.4	1.65
Males	4,755	3,542	25.9	6.4	79.4	33.1	18.5	5.0	1.73
Females	3,579	3,053	19.1	6.3	77.6	43.4	13.4	3.7	1.60
Black and other, 16 years and over	2,608	2,313	26.8	5.2	79.8	27.1	13.0	5.1	1.57
Males	1,417	1,236	26.9	4.4	80.3	25.2	14.3	5.3	1.58
Females	1,192	1,073	25.7	6.0	79.2	28.2	11.6	4.9	1.55

(1) Percent not shown where base is less than 75,000.

NOTE: The jobseekers total is less than the total unemployed because persons on layoff or waiting to begin a new wage and salary job within 30 days are not actually seeking jobs. It should also be noted that the percent using each method will always total more than 100 because many jobseekers use more than one method.

A-16. Unemployed jobseekers by sex, reason for unemployment, and jobsearch methods used

Sex and reason	October 1982								
	Thousands of persons		Methods used as a percent of total jobseekers						Average number of methods used
	Total unemployed	Total jobseekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives	Other	
Total, 16 years and over	10,942	8,935	23.7	6.1	78.9	34.4	15.5	4.6	1.63
Job losers	6,520	4,573	23.6	6.9	79.2	35.7	16.6	5.4	1.73
Job leavers	847	857	22.6	7.1	83.4	31.7	11.9	2.1	1.63
Reentrants	2,357	2,262	16.0	5.1	76.3	33.3	14.3	3.9	1.53
New entrants	1,218	1,208	16.5	3.9	81.5	27.1	16.1	2.6	1.49
Males, 16 years and over	6,172	4,779	26.2	5.9	79.7	32.0	17.1	5.7	1.67
Job losers	4,370	3,224	30.6	6.5	79.8	33.4	17.4	6.7	1.74
Job leavers	341	342	21.3	8.1	83.3	33.0	11.7	2.6	1.61
Reentrants	892	847	17.5	5.5	76.0	33.3	16.9	6.7	1.52
New entrants	569	555	13.1	4.2	82.3	28.1	18.6	1.4	1.50
Females, 16 years and over	4,771	4,127	20.8	6.2	78.0	37.2	13.6	3.2	1.59
Job losers	2,150	1,554	27.9	7.5	78.1	42.9	18.9	3.5	1.75
Job leavers	506	514	23.7	9.1	78.5	34.2	12.1	1.8	1.63
Reentrants	1,466	1,415	13.1	4.8	76.4	35.5	12.7	4.5	1.44
New entrants	649	643	14.2	3.7	80.7	29.5	13.8	3.6	1.46

NOTE: See note, table A-15.

HOUSEHOLD DATA

A-17. Unemployed persons by duration of unemployment

Duration of unemployment	Total				Full-time workers			
	Thousands of persons		Percent distribution		Thousands of persons		Percent distribution	
	Oct. 1981	Oct. 1982	Oct. 1981	Oct. 1982	Oct. 1981	Oct. 1982	Oct. 1981	Oct. 1982
Total, 16 years and over	8,216	10,942	100.0	100.0	6,537	9,147	100.0	100.0
Less than 5 weeks	3,611	3,846	43.9	35.1	2,575	2,965	40.9	32.4
5 to 14 weeks	2,510	3,292	30.6	30.1	1,965	2,699	30.1	29.5
5 to 10 weeks	1,947	2,456	23.7	22.4	1,497	1,976	22.9	21.6
11 to 14 weeks	563	836	6.9	7.6	453	723	7.2	7.9
15 weeks and over	2,095	3,804	25.5	34.8	1,936	3,483	29.0	38.1
15 to 26 weeks	1,042	1,727	12.7	15.8	923	1,550	14.1	16.9
27 weeks and over	1,053	2,077	12.8	19.0	976	1,933	14.9	21.1
27 to 51 weeks	467	1,044	5.7	9.5	440	986	6.7	10.8
52 weeks and over	586	1,033	7.1	9.4	535	947	8.2	10.4
Average (mean) duration, in weeks	13.3	16.9	--	--	14.7	18.2	--	--
Median duration, in weeks	6.2	9.8	--	--	7.0	9.8	--	--

A-18. Unemployed persons by sex, age, race, marital status, and duration of unemployment

Sex, age, race, and marital status	Thousands of persons					Average (mean) duration, in weeks	Median duration, in weeks	Less than 5 weeks as a percent of unemployed in group		15 weeks and over as a percent of unemployed in group	
	Total	Less than 5 weeks	5 to 14 weeks	15 to 26 weeks	27 weeks and over						
	October 1982							Oct. 1981	Oct. 1982	Oct. 1981	Oct. 1982
Total, 16 years and over	10,942	3,846	3,292	1,727	2,077	16.9	9.8	43.9	35.1	25.5	34.8
16 to 21 years	2,909	1,217	932	446	314	12.5	5.8	48.0	41.8	19.1	26.1
16 to 19 years	1,924	854	598	313	159	11.5	6.3	50.5	44.4	17.2	24.6
20 to 24 years	2,407	855	784	383	424	15.6	8.2	43.8	35.5	26.9	31.9
25 to 34 years	3,197	1,113	956	524	603	17.2	8.9	43.1	34.8	25.0	35.3
35 to 44 years	1,638	677	511	256	395	20.3	10.6	40.4	29.1	31.1	39.7
45 to 54 years	1,040	326	264	169	281	20.5	11.0	39.5	31.4	29.7	43.2
55 to 64 years	608	181	146	105	176	22.4	13.3	35.3	29.8	32.6	46.2
65 years and over	129	33	34	16	39	22.6	11.2	55.7	30.5	19.0	42.6
Males, 16 years and over	6,172	1,956	1,803	1,039	1,374	18.9	10.9	40.6	31.7	29.4	39.1
16 to 21 years	1,571	613	497	251	210	14.3	7.4	44.7	39.1	21.9	29.3
16 to 19 years	1,035	443	315	167	109	12.5	6.7	48.6	42.8	19.6	26.8
20 to 24 years	1,380	415	459	212	283	17.7	9.4	39.5	30.2	30.3	35.8
25 to 34 years	1,796	558	515	324	398	19.1	10.2	40.7	31.1	29.0	40.2
35 to 44 years	918	245	266	157	249	22.3	12.3	32.3	26.9	38.8	48.3
45 to 54 years	584	156	126	105	197	23.2	15.3	38.8	28.4	36.4	49.9
55 to 64 years	374	107	83	65	117	24.4	18.5	36.0	29.6	34.1	49.1
65 years and over	85	21	27	7	30	24.3	12.5	(1)	24.3	(1)	43.7
Females, 16 years and over	4,771	1,890	1,490	688	704	14.3	7.4	47.6	39.6	21.2	29.2
16 to 21 years	1,338	603	436	196	104	10.3	5.1	51.8	45.1	16.1	22.4
16 to 19 years	889	413	283	146	50	10.2	5.9	52.5	46.2	14.7	22.0
20 to 24 years	1,027	433	315	172	141	12.3	6.5	49.3	42.7	21.5	26.6
25 to 34 years	1,401	555	441	200	205	14.6	7.5	45.7	39.7	22.9	28.9
35 to 44 years	720	231	245	98	146	17.3	9.6	48.1	32.1	24.0	33.9
45 to 54 years	456	163	138	64	94	17.3	8.9	40.2	35.1	22.6	34.7
55 to 64 years	234	74	62	38	59	19.3	10.5	34.5	31.8	30.7	41.5
65 years and over	43	13	7	9	9	18.5	7.2	(1)	(1)	(1)	(1)
White, 16 years and over	8,334	2,953	2,592	1,318	1,469	15.3	8.6	44.9	35.5	23.9	33.4
Males	4,755	1,533	1,485	817	930	17.3	9.8	42.0	31.6	27.8	38.0
Females	3,579	1,457	1,107	501	474	13.3	7.1	48.3	40.7	19.5	27.3
Black and other, 16 years and over	2,608	887	700	409	613	20.3	9.3	41.0	34.0	33.3	39.2
Males	1,417	454	357	223	383	22.3	10.5	36.1	32.0	38.9	42.9
Females	1,192	433	343	186	230	17.4	8.4	45.6	36.3	26.0	34.9
Males, 16 years and over											
Married, spouse present	2,690	803	749	482	657	20.3	11.2	41.2	29.8	30.4	42.3
Widowed, divorced, or separated	726	215	203	101	207	22.9	13.5	36.1	29.6	34.3	42.5
Single (never married)	2,756	933	951	455	513	16.9	8.3	41.2	34.1	27.5	35.0
Females, 16 years and over											
Married, spouse present	2,135	849	715	264	307	13.9	7.5	49.9	39.8	19.7	26.7
Widowed, divorced, or separated	881	339	262	123	157	17.5	8.5	45.1	35.1	25.5	35.2
Single (never married)	1,754	732	513	300	210	13.2	6.9	46.5	41.7	20.7	29.1

[1] Percent not shown where base is less than 75,000.

A-19. Unemployed persons by occupation, industry, and duration of unemployment

Occupation and industry	Thousands of persons					Average (mean) duration, in weeks	Median duration, in weeks	Less than 5 weeks as a percent of unemployed in group		15 weeks and over as a percent of unemployed in group	
	Total	Less than 5 weeks	5 to 14 weeks	15 to 26 weeks	27 weeks and over						
	October 1982							Oct. 1981	Oct. 1982	Oct. 1981	Oct. 1982
OCCUPATION											
White-collar workers	3,003	1,071	929	458	545	16.3	8.8	41.2	35.6	24.3	33.4
Professional and managerial	1,087	355	339	188	204	17.2	9.5	36.9	32.7	25.3	35.1
Sales workers	413	129	139	63	82	17.4	9.9	42.9	31.3	19.2	35.3
Clerical workers	1,504	586	451	207	259	15.3	8.0	43.5	39.0	28.9	31.1
Blue-collar workers	4,896	1,545	1,462	799	1,089	18.5	9.7	43.3	31.6	27.6	38.6
Craft and kindred workers	1,285	417	368	233	267	18.2	9.8	44.1	32.5	27.1	38.8
Operatives, except transport	2,176	747	632	335	493	18.3	9.5	44.6	38.3	26.8	38.0
Transport equipment operatives	397	93	109	78	117	23.5	14.2	38.8	23.5	34.2	49.0
Nonfarm laborers	1,038	288	384	153	213	17.6	9.5	41.4	27.9	27.7	35.3
Service workers	1,645	671	496	213	265	14.7	7.0	50.1	40.8	23.8	29.3
INDUSTRY[1]											
Agriculture	216	86	77	31	22	13.1	5.9	59.3	39.6	13.5	24.3
Construction	973	311	334	172	157	17.3	9.6	49.6	31.9	24.3	35.9
Manufacturing	2,933	835	843	454	743	19.5	10.4	42.7	30.5	27.8	40.4
Durable goods	1,952	525	551	323	552	21.1	12.2	39.0	26.9	33.2	44.8
Nondurable goods	981	309	289	131	191	15.3	8.2	48.1	37.7	24.2	32.8
Transportation and public utilities	453	111	153	72	107	22.4	11.5	37.2	28.4	31.1	39.5
Wholesale and retail trade	2,091	797	658	311	325	14.5	7.9	45.5	38.1	22.1	33.4
Finance and service industries	2,375	823	711	328	414	15.9	7.8	42.8	38.9	25.7	31.2
Public administration	261	97	65	42	58	18.5	8.9	36.4	37.0	38.7	38.1
No previous work experience	1,223	483	389	237	157	15.8	7.3	41.7	39.3	25.6	32.2

[1] Includes wage and salary workers only

A-20. Employed persons by industry, age, and sex

(In thousands)

Industry and age	Total		Males		Females	
	Oct. 1981	Oct. 1982	Oct. 1981	Oct. 1982	Oct. 1981	Oct. 1982
All industries	101,328	99,825	57,529	56,233	43,498	43,622
16 to 19 years	5,778	6,182	3,613	3,147	3,168	3,036
16 to 17 years	2,653	2,318	1,456	1,165	1,197	1,152
18 to 19 years	4,124	3,865	2,153	1,981	1,971	1,883
20 to 24 years	14,155	13,562	7,483	7,123	6,726	6,439
25 to 54 years	65,513	65,615	37,737	37,346	27,776	28,270
25 to 34 years	29,667	28,387	16,459	16,059	12,209	12,328
35 to 44 years	23,537	21,288	11,803	12,073	8,779	9,215
45 to 54 years	15,259	15,940	9,471	9,213	6,789	6,727
55 to 64 years	11,561	11,517	5,877	6,027	4,584	4,689
55 to 59 years	7,133	7,001	3,236	4,157	2,957	2,844
60 to 64 years	4,358	4,516	2,641	2,573	1,727	1,846
65 years and over	3,311	2,948	1,865	1,760	1,144	1,187
Nonagricultural industries	97,451	96,207	54,685	53,293	42,765	42,914
16 to 19 years	5,411	5,794	3,305	2,828	3,106	2,965
16 to 17 years	2,473	2,156	1,303	1,335	1,167	1,121
18 to 19 years	3,981	3,638	2,002	1,794	1,939	1,845
20 to 24 years	13,685	13,082	7,037	6,721	6,649	6,361
25 to 54 years	63,655	63,706	35,333	35,864	27,326	27,840
25 to 34 years	27,934	27,600	15,950	15,426	12,043	12,174
35 to 44 years	23,037	20,709	11,412	11,628	8,626	9,081
45 to 54 years	15,724	15,396	8,969	8,813	6,657	6,586
55 to 64 years	10,994	10,987	5,418	6,395	4,575	4,592
55 to 59 years	6,859	6,699	3,485	3,925	2,894	2,775
60 to 64 years	4,135	4,288	2,934	2,471	1,691	1,817
65 years and over	2,704	2,638	1,595	1,483	1,109	1,155
Agriculture	3,877	3,618	2,844	2,940	733	709
16 to 19 years	366	389	304	319	62	70
16 to 17 years	183	162	153	131	30	31
18 to 19 years	183	227	151	188	32	39
20 to 24 years	480	480	404	432	77	79
25 to 54 years	1,857	1,910	1,407	1,481	450	429
25 to 34 years	773	787	608	653	165	134
35 to 44 years	553	579	396	485	153	134
45 to 54 years	535	544	403	403	132	141
55 to 64 years	557	530	459	432	100	98
55 to 59 years	329	302	251	233	73	69
60 to 64 years	283	228	207	199	36	28
65 years and over	395	310	271	277	35	33

A-21. Employed persons by occupation, sex, and age

[In thousands]

Occupation	Total		Males, 20 years and over		Females, 20 years and over		Males, 16-19 years		Females, 16-19 years	
	Oct. 1981	Oct. 1982	Oct. 1981	Oct. 1982	Oct. 1981	Oct. 1982	Oct. 1981	Oct. 1982	Oct. 1981	Oct. 1982
TOTAL	101,028	99,825	53,920	53,055	43,333	43,585	3,610	3,147	3,168	3,036
White collar workers	53,387	53,867	24,140	24,185	25,991	27,539	624	569	1,632	1,605
Professional and technical	15,813	17,219	9,137	9,259	7,524	7,789	79	57	73	114
Health workers	3,172	3,284	1,039	1,048	2,116	2,229	11	--	8	3
Teachers, except college	3,447	3,473	993	1,013	2,433	2,438	9	--	11	22
Other professional and technical	10,194	10,462	7,105	7,198	2,974	3,122	59	57	54	84
Managers and administrators, except farm	11,646	11,628	8,410	8,281	3,117	3,236	57	63	62	49
Salaried workers	9,627	9,721	6,880	6,915	2,643	2,731	50	57	58	49
Self-employed workers in retail trade	820	865	541	563	271	303	3	1	5	1
Self-employed workers, except retail trade	1,199	1,041	989	802	205	235	5	4	--	1
Sales workers	6,391	6,588	3,251	3,398	2,554	2,581	212	225	375	385
Retail trade	3,239	3,278	1,003	1,108	1,725	1,684	163	156	348	330
Other industries	3,153	3,310	2,248	2,293	829	897	49	69	27	55
Clerical workers	18,535	18,432	3,342	3,247	13,796	13,904	276	223	1,122	1,058
Stenographers, typists, and secretaries	4,984	4,930	71	74	4,577	4,634	8	6	227	245
Other clerical workers	13,552	13,502	3,271	3,173	9,119	9,300	268	217	895	813
Blue collar workers	31,212	29,389	23,507	22,404	5,617	5,245	1,801	1,467	287	274
Craft and kindred workers	12,513	12,213	11,376	11,046	742	854	368	283	24	29
Carpenters	1,059	1,097	1,008	1,044	11	14	37	38	4	--
Construction craft workers, except carpenters	2,595	2,553	2,540	2,453	52	48	101	50	4	2
Mechanics and repairers	3,303	3,274	3,124	3,073	60	81	120	120	--	1
Metal craft workers	1,241	1,113	1,173	1,065	37	26	30	20	1	1
Blue collar worker supervisors, not elsewhere classified	1,733	1,627	1,548	1,434	183	188	7	3	3	2
All other	2,473	2,548	1,984	1,975	432	497	75	52	12	24
Operatives, except transport	10,599	9,124	5,795	5,091	4,118	3,579	515	302	175	151
Durable goods manufacturing	4,613	3,755	2,890	2,287	1,537	1,373	150	57	80	38
Nondurable goods manufacturing	3,357	2,994	1,267	1,246	1,912	1,636	106	45	72	66
Other industries	2,628	2,375	1,637	1,558	665	570	259	200	62	49
Transport equipment operatives	3,632	3,395	3,149	2,953	380	304	136	116	7	22
Drivers, motor vehicles	3,107	2,961	2,673	2,558	315	276	113	96	5	23
All other	525	434	476	395	29	29	23	20	2	--
Nonfarm laborers	4,471	4,558	3,183	3,314	423	506	781	766	82	72
Construction	788	783	675	651	13	16	97	118	5	--
Manufacturing	934	863	755	653	134	138	88	50	7	7
Other industries	2,698	3,012	1,758	2,005	275	383	596	598	69	65
Service workers	13,488	13,693	4,161	4,366	7,213	7,355	917	856	1,201	1,116
Private household workers	1,035	1,091	30	24	839	868	6	12	199	198
Service workers, except private household	12,454	12,602	4,131	4,342	5,401	6,487	911	843	1,012	929
Food service workers	4,877	4,825	975	1,159	2,514	2,441	642	585	747	641
Protective service workers	1,423	1,535	1,265	1,352	104	157	16	17	3	9
All other	5,153	6,242	1,891	1,831	3,743	3,889	253	241	262	279
Farm workers	2,941	2,875	2,112	2,102	513	477	268	256	43	40
Farmers and farm managers	1,553	1,491	1,355	1,289	173	185	22	16	2	1
Farm laborers and supervisors	1,388	1,384	757	813	341	293	246	240	46	38
Paid workers	1,131	1,142	717	770	149	143	203	193	31	35
Unpaid family workers	288	241	39	43	191	149	43	46	14	3

A-22. Employed persons by occupation, race, and sex

[Percent distribution]

Occupation and race	Total		Males		Females	
	Oct. 1981	Oct. 1982	Oct. 1981	Oct. 1982	Oct. 1981	Oct. 1982
TOTAL						
Total, 16 years and over (thousands)	131,029	99,825	57,529	56,203	43,498	43,622
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	52.8	54.0	43.0	44.0	65.8	66.7
Professional and technical	16.6	17.2	15.0	15.6	17.5	19.1
Managers and administrators, except farm	11.5	11.6	14.7	14.8	7.3	7.5
Sales workers	6.3	6.6	5.0	5.4	6.7	6.8
Clerical workers	18.3	18.5	5.3	6.2	34.3	34.3
Blue-collar workers	30.9	29.4	48.0	42.5	13.6	12.7
Craft and kindred workers	12.4	12.2	20.4	20.2	1.8	2.0
Operatives, except transport	10.5	9.1	11.0	9.6	9.9	8.6
Transport equipment operatives	3.6	3.4	5.7	5.5	.8	.7
Nonfarm laborers	4.4	4.7	5.9	7.3	1.2	1.3
Service workers	13.4	13.7	8.8	9.3	19.3	19.4
Private household workers	1.0	1.1	.1	.1	2.3	2.4
Other service workers	12.3	12.6	8.8	9.2	17.0	17.0
Farm workers	2.9	2.9	4.1	4.2	1.3	1.2
Farmers and farm managers	1.5	1.5	2.4	2.3	.4	.4
Farm laborers and supervisors	1.4	1.4	1.7	1.9	.9	.8
White						
Total, 16 years and over (thousands)	89,397	89,145	51,492	50,232	37,905	37,913
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	58.4	55.6	48.5	45.6	67.8	68.8
Professional and technical	16.9	17.7	15.4	17.1	17.6	18.4
Managers and administrators, except farm	12.3	12.4	15.6	15.8	7.7	8.0
Sales workers	6.7	7.1	5.4	6.9	7.2	7.3
Clerical workers	18.4	18.4	5.0	5.9	35.2	35.0
Blue-collar workers	30.3	28.9	43.2	41.6	12.8	12.0
Craft and kindred workers	12.8	12.7	20.3	20.7	1.8	2.1
Operatives, except transport	9.8	8.5	10.4	9.1	9.0	7.8
Transport equipment operatives	3.4	3.3	5.4	5.3	.8	.9
Nonfarm laborers	4.2	4.3	5.4	6.6	1.1	1.3
Service workers	12.2	12.5	8.3	8.3	18.0	18.0
Private household workers	.8	.9	.1	(1)	1.9	2.0
Other service workers	11.4	11.6	8.3	8.3	16.1	16.0
Farm workers	3.1	3.1	4.3	4.4	1.4	1.3
Farmers and farm managers	1.7	1.7	2.6	2.6	.4	.4
Farm laborers and supervisors	1.4	1.4	1.7	1.9	1.0	.8
Black and other						
Total, 16 years and over (thousands)	11,631	11,680	6,037	5,971	5,593	5,709
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	41.2	41.6	33.9	30.7	52.2	53.0
Professional and technical	14.4	14.0	12.6	12.1	16.4	15.9
Managers and administrators, except farm	5.8	5.7	6.9	7.0	4.5	4.4
Sales workers	3.1	3.2	2.9	2.9	3.4	3.4
Clerical workers	17.9	18.7	8.5	8.6	28.0	29.4
Blue-collar workers	35.5	33.7	51.0	49.4	18.8	17.2
Craft and kindred workers	8.9	8.8	15.9	15.7	1.2	1.6
Operatives, except transport	15.5	13.8	15.5	13.8	15.4	13.7
Transport equipment operatives	4.8	4.0	8.5	7.2	.9	.7
Nonfarm laborers	6.4	7.1	11.1	12.7	1.4	1.2
Service workers	21.9	23.2	15.7	17.6	28.5	29.1
Private household workers	2.6	2.8	.2	.2	5.3	5.5
Other service workers	19.2	20.4	15.5	17.4	23.2	23.6
Farm workers	1.5	1.5	2.8	2.3	.4	.7
Farmers and farm managers	.3	.2	.4	.3	.1	.1
Farm laborers and supervisors	1.2	1.3	2.3	2.0	.3	.6

[1] Less than 0.05 percent.

HOUSEHOLD DATA

A-23. Employed persons by age, sex, and class of worker

[In thousands]

Age and sex	October 1982								
	Nonagricultural industries						Agriculture		
	Wage and salary workers				Self employed	Unpaid family workers	Wage and salary workers	Self employed	Unpaid family workers
	Total	Private household workers	Government	Other					
Total, 16 years and over	88,414	1,226	15,559	71,628	7,339	338	1,667	1,692	259
16 to 19 years	5,673	269	333	5,071	95	24	297	30	53
16 to 17 years	2,096	192	76	1,828	52	8	105	23	33
18 to 19 years	3,577	77	257	3,243	45	16	191	16	20
20 to 24 years	12,722	137	1,348	11,237	339	21	345	109	27
25 to 34 years	25,802	179	4,376	21,247	1,735	64	425	328	34
35 to 44 years	18,720	148	4,028	14,545	1,982	105	240	293	45
45 to 54 years	13,808	143	3,062	10,602	1,503	85	171	322	51
55 to 64 years	9,625	204	2,273	7,348	1,295	67	132	365	32
55 to 59 years	5,952	100	1,313	4,539	737	43	89	193	23
60 to 64 years	3,673	104	760	2,809	588	27	43	175	10
65 years and over	2,064	147	339	1,578	549	25	57	237	15
Males, 16 years and over	48,282	195	7,582	40,554	4,970	81	1,342	1,477	91
16 to 19 years	2,757	79	137	2,542	53	18	232	38	49
16 to 17 years	1,002	60	21	920	27	5	76	22	33
18 to 19 years	1,754	19	115	1,621	27	13	155	16	15
20 to 24 years	6,498	23	606	5,871	216	8	292	98	22
25 to 34 years	14,261	33	2,081	12,170	1,142	2	348	282	3
35 to 44 years	10,415	12	1,946	8,457	1,212	1	192	250	2
45 to 54 years	7,776	5	1,544	6,227	1,027	7	129	273	1
55 to 59 years	5,446	16	1,052	4,378	946	4	106	320	6
60 to 64 years	3,390	11	670	2,709	532	2	69	163	4
65 years and over	2,055	5	382	1,668	414	1	37	160	2
	1,110	22	178	909	373	1	52	217	8
Females, 16 years and over	40,132	1,030	9,017	31,075	2,433	353	325	216	168
16 to 19 years	2,917	191	197	2,529	43	5	65	1	4
16 to 17 years	1,094	131	55	907	25	3	29	2	1
18 to 19 years	1,823	59	142	1,622	18	4	36	--	4
20 to 24 years	6,224	115	742	5,366	123	13	53	11	5
25 to 34 years	11,520	143	2,296	9,076	593	61	78	45	31
35 to 44 years	8,306	135	2,082	6,089	670	105	47	43	44
45 to 54 years	6,032	137	1,519	4,376	476	78	42	49	53
55 to 59 years	4,180	133	1,021	2,971	349	64	26	46	25
60 to 64 years	2,562	90	643	1,829	175	38	20	31	18
65 years and over	1,618	98	379	1,141	174	26	5	15	9
	954	124	161	669	175	25	5	20	7

A-24. Employed persons by industry and occupation

[In thousands]

Industry	October 1982										
	Total employed	White-collar workers				Blue-collar workers				Service workers		Farm workers
		Professional and technical workers	Managers and administrators, except farm	Sales workers	Clerical workers	Craft and kindred workers	Operatives, except transport	Transport equipment operatives	Nonfarm laborers	Private household workers	Other service workers	
Agriculture	3,618	104	23	9	80	62	17	83	353	--	9	2,875
Mining	937	151	106	13	134	210	253	31	20	--	14	--
Construction	5,842	233	745	30	383	3,221	275	159	703	--	24	--
Manufacturing	19,780	2,529	1,663	516	2,551	3,733	6,748	567	363	--	28	--
Durable goods	11,561	1,935	969	174	1,491	2,364	3,755	294	496	--	813	--
Nondurable goods	8,219	594	700	342	1,059	1,370	2,994	378	368	--	224	--
Transportation and public utilities	6,582	677	733	70	1,421	1,391	152	1,470	455	--	193	--
Wholesale and retail trade	21,047	510	4,179	8,283	3,821	1,491	862	709	1,338	--	196	--
Wholesale trade	4,065	193	853	1,035	823	329	205	352	272	--	3,937	--
Retail trade	16,982	321	3,326	3,278	2,998	1,111	657	357	1,062	--	36	--
Finance, insurance, and real estate	6,232	393	1,236	1,396	2,722	147	3	3	78	--	3,871	--
Services	30,710	11,544	2,304	273	5,513	1,725	763	217	523	--	268	--
Private households	1,304	12	--	--	11	4	1	4	138	1,091	6,558	--
Other service industries	29,406	11,532	2,304	271	5,502	1,721	752	213	385	--	42	--
Public administration	5,076	1,005	631	--	1,801	283	52	51	140	--	6,516	--
										--	1,113	--

A-25. Employed persons with a job but not at work by reason, sex, and pay status

(In thousands)

Reason not working and sex	All industries		Nonagricultural industries					
			Total		Wage and salary workers[1]			
					Paid absences[2]		Unpaid absences[2]	
	Oct. 1981	Oct. 1982	Oct. 1981	Oct. 1982	Oct. 1981	Oct. 1982	Oct. 1981	Oct. 1982
Total, 16 years and over	9,873	9,459	9,385	9,372	2,389	2,369	1,972	1,923
Vacation	2,090	2,156	2,056	2,135	1,571	1,603	326	337
Illness	1,362	1,221	1,331	1,196	537	550	625	534
Bad weather	120	58	97	37	--	--	--	--
Industrial dispute	46	55	46	55	--	--	--	--
All other reasons	855	959	815	939	191	216	523	547
Males, 16 years and over	2,582	2,357	2,482	2,295	1,818	1,718	679	633
Vacation	1,222	1,230	1,195	1,193	958	988	126	127
Illness	731	636	711	622	352	291	393	259
All other reasons[3]	588	517	536	494	132	79	259	287
Females, 16 years and over	1,931	2,093	1,903	2,076	932	1,085	792	791
Vacation	868	952	861	946	537	652	199	211
Illness	631	575	620	574	245	258	322	283
All other reasons[3]	432	565	421	555	83	135	272	303

[1] Excludes private household workers.

[2] Pay status not available separately for bad weather and industrial dispute; these categories are included in "all other reasons."

[3] Includes bad weather and industrial dispute, not shown separately.

NOTE: Estimates for "all other reasons" by pay status may be biased because of high response variance; data should be used with caution.

A-26. Persons at work by hours of work and industry

Hours of work	October 1982					
	Thousands of persons			Percent distribution		
	All industries	Nonagricultural industries	Agriculture	All industries	Nonagricultural industries	Agriculture
Total, 16 years and over	95,365	91,834	3,531	100.0	100.0	100.0
1-34 hours	27,889	26,857	1,027	29.2	29.2	29.1
1-4 hours	881	823	59	.9	.9	1.7
5-14 hours	5,333	4,737	292	5.3	5.2	8.3
15-29 hours	12,832	11,945	457	13.3	13.0	12.9
30-34 hours	9,571	9,352	219	10.9	10.2	6.2
35 hours and over	67,492	64,978	2,514	70.8	70.8	70.9
35-39 hours	6,825	6,683	142	7.2	7.3	4.0
40 hours	37,539	37,134	555	39.5	40.4	15.7
41 hours and over	22,968	21,161	1,817	24.1	23.0	51.2
41 to 48 hours	8,418	8,158	260	8.9	8.9	7.4
49 to 59 hours	7,335	7,574	461	8.4	8.2	13.1
60 hours and over	6,513	5,429	1,085	6.8	5.9	30.8
Average hours, total at work	37.8	37.5	43.3	--	--	--
Average hours, workers on full-time schedules	42.7	42.3	50.2	--	--	--

HOUSEHOLD DATA

A-27. Persons at work 1 to 34 hours by reason for working less than 35 hours and usual status

[Numbers in thousands]

Reason for working less than 35 hours	October 1982					
	All industries			Nonagricultural industries		
	Total	Usually work full time	Usually work part time	Total	Usually work full time	Usually work part time
Total, 16 years and over	27,884	10,035	17,829	26,857	9,751	17,105
Economic reasons	6,407	2,359	4,048	6,073	2,232	3,841
Slack work	3,540	2,053	1,493	3,301	1,929	1,372
Material shortages or repairs to plant and equipment	57	57	--	57	57	--
New job started during week	169	169	--	168	168	--
Job terminated during week	84	84	--	79	79	--
Could find only part-time work	2,558	--	2,558	2,470	--	2,470
Other reasons	21,476	7,695	13,781	20,783	7,519	13,264
Does not want, or unavailable for, full-time work	11,552	--	11,552	11,143	--	11,143
Vacation	1,119	1,119	--	1,108	1,108	--
Illness	1,552	1,394	158	1,505	1,372	133
Bad weather	322	322	--	288	288	--
Industrial dispute	6	6	--	6	6	--
Legal or religious holiday	3,625	3,625	--	3,616	3,616	--
Full time for this job	1,546	--	1,546	1,501	--	1,501
All other reasons	1,754	1,230	524	1,661	1,174	487
Average hours						
Economic reasons	21.8	24.3	20.3	21.9	24.7	20.3
Other reasons	21.9	28.2	18.4	22.1	28.3	18.5
Worked 30 to 34 hours						
Economic reasons	2,061	1,135	935	1,974	1,063	911
Other reasons	7,510	5,312	2,198	7,378	5,242	2,136

A-28. Nonagricultural workers by industry and full- or part-time status

[Numbers in thousands]

Industry	October 1982							
	Full- or part-time status						Average hours, total at work	Average hours, workers on full-time schedules
	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules				
				Total	40 hours or less	41 to 48 hours	49 hours or more	
Total, 16 years and over [1]	91,834	6,073	13,264	72,497	51,336	8,158	13,003	37.5	42.3
Wage and salary workers	84,584	5,343	11,873	67,358	49,324	7,641	10,703	37.4	41.9
Construction	4,495	434	199	3,893	2,939	413	584	39.3	41.2
Manufacturing	18,562	1,078	595	16,839	12,713	2,203	1,973	39.9	41.4
Durable goods	10,833	512	239	10,137	7,805	1,206	1,126	40.1	41.2
Nondurable goods	7,674	566	356	6,752	4,908	997	847	39.4	41.7
Transportation and public utilities	5,826	255	383	5,133	3,657	638	923	40.2	42.6
Wholesale and retail trade	18,275	1,678	4,249	12,349	7,960	1,783	2,606	35.7	43.2
Finance, insurance, and real estate	5,392	129	553	4,710	3,593	397	623	37.7	40.2
Service industries	26,356	1,670	5,593	19,093	13,986	1,792	3,315	35.5	42.3
Private households	1,133	252	591	340	297	41	92	22.3	45.5
All other industries	25,173	1,418	5,002	18,753	13,779	1,751	3,223	36.1	41.9
Public administration	4,813	94	291	4,433	3,593	324	516	38.1	39.9
Self-employed workers	6,857	703	1,211	4,943	2,207	493	2,243	40.9	48.6
Unpaid family workers	394	27	181	195	104	24	58	33.2	45.6

[1] Includes mining, not shown separately.

A-29. Persons at work in nonagricultural industries by sex, age, race, marital status, and full- or part-time status

[Numbers in thousands]

Sex, age, race, and marital status	October 1982							
	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules			Average hours, total at work	Average hours, workers on full-time schedules
				Total	40 hours or less	41 hours or more		
TOTAL								
Both sexes, 16 years and over	91,334	6,073	13,264	72,037	51,336	21,161	37.5	42.3
16 to 21 years	10,245	1,197	4,304	4,744	3,760	984	28.0	40.5
16 to 19 years	5,638	714	3,140	1,784	1,445	339	23.9	39.9
16 to 17 years	2,083	133	1,780	170	137	33	16.3	37.3
18 to 19 years	3,555	581	1,360	1,614	1,308	306	28.3	40.3
20 years and over	86,195	5,359	10,124	70,713	49,890	20,823	38.4	42.4
20 to 24 years	12,735	1,176	2,170	9,393	7,056	2,334	35.6	41.3
25 years and over	73,453	4,183	7,954	51,323	42,834	18,489	38.9	42.5
25 to 44 years	46,357	2,700	4,232	39,425	27,120	12,305	39.5	42.7
45 to 64 years	24,717	1,352	2,552	20,813	14,934	5,879	38.9	42.3
65 years and over	2,385	132	1,170	1,083	778	305	28.5	42.4
Males, 16 years and over	50,995	2,843	3,359	44,294	28,521	15,773	40.5	43.7
16 to 21 years	5,054	583	1,938	2,533	1,868	665	29.5	41.7
16 to 19 years	2,753	347	1,446	960	739	221	25.1	41.0
16 to 17 years	1,001	70	832	99	77	22	17.1	38.3
18 to 19 years	1,751	277	613	861	663	198	29.7	41.4
20 years and over	48,249	2,495	2,414	43,335	27,782	15,553	41.8	43.7
20 to 24 years	6,553	575	879	5,104	3,491	1,613	37.5	42.6
25 years and over	41,586	1,919	1,535	38,232	24,292	13,940	42.0	43.9
25 to 44 years	26,139	1,244	530	24,335	15,377	9,258	42.7	44.1
45 to 64 years	14,226	538	417	13,201	8,746	4,455	41.9	43.5
65 years and over	1,353	66	588	696	469	228	30.8	43.3
Females, 16 years and over	40,339	3,231	9,905	23,202	22,814	5,388	33.8	40.2
16 to 21 years	5,191	614	2,366	2,211	1,893	318	26.5	39.1
16 to 19 years	2,885	367	1,695	823	709	119	22.7	38.7
16 to 17 years	1,082	62	948	72	62	10	15.6	35.7
18 to 19 years	1,804	304	746	754	645	109	26.9	39.0
20 years and over	37,953	2,863	7,711	27,379	22,110	5,269	34.7	40.2
20 to 24 years	6,178	601	1,291	4,296	3,566	720	33.7	39.8
25 years and over	31,775	2,264	6,420	23,091	18,542	4,549	34.9	40.3
25 to 44 years	20,243	1,456	3,703	15,089	12,042	3,047	35.3	40.3
45 to 64 years	10,391	744	2,135	7,512	6,187	1,325	35.0	40.2
65 years and over	1,336	65	583	388	310	78	25.6	41.0
RACE								
White	80,897	4,975	12,151	53,771	34,173	19,598	37.7	42.5
Males	45,419	2,361	3,501	39,557	24,816	14,741	40.8	43.9
Females	35,458	2,614	8,650	24,194	19,358	4,836	33.6	40.2
Black and other	10,938	1,098	1,113	8,727	7,164	1,563	36.5	40.7
Males	5,537	481	358	4,718	3,706	1,012	38.1	41.4
Females	5,381	618	755	4,008	3,456	552	34.9	39.8
MARITAL STATUS								
Males, 16 years and over								
Married, spouse present	34,569	1,352	1,128	32,189	23,192	12,007	42.3	44.0
Widowed, divorced, or separated	4,415	339	215	3,861	2,495	1,366	40.9	43.8
Single (never married)	11,913	1,152	2,516	8,245	5,845	2,400	35.8	42.5
Females, 16 years and over								
Married, spouse present	22,596	1,632	5,600	15,494	12,704	2,790	33.7	40.3
Widowed, divorced, or separated	7,955	719	994	6,242	4,899	1,343	36.5	40.8
Single (never married)	10,137	939	2,911	6,467	5,213	1,254	32.0	40.1

A-30. Persons at work in nonfarm occupations by sex and full- or part-time status

[Numbers in thousands]

Occupation and sex	October 1992								
	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules				Average hours, total at work	Average hours, workers on full-time schedules
				Total	40 hours or less	41 to 48 hours	49 hours or more		
Total, 16 years and over	92,555	5,169	13,430	72,897	51,512	9,222	11,153	37.5	42.3
White-collar workers	51,564	1,921	7,584	42,339	28,777	6,481	8,781	39.1	42.5
Professional and technical	16,547	453	2,087	14,330	9,492	1,486	3,352	38.9	42.7
Managers and administrators, except farm	11,839	232	578	10,835	5,332	1,375	4,159	44.5	46.2
Sales workers	6,253	436	1,516	4,328	2,596	539	1,193	36.2	43.3
Clerical workers	17,624	853	3,410	13,365	11,437	3,081	847	34.6	39.3
Blue-collar workers	27,849	2,615	1,895	23,339	15,399	3,334	3,374	38.6	42.3
Craft and kindred workers	11,583	769	412	10,323	7,285	1,435	1,663	40.3	42.3
Operatives, except transport	8,736	898	429	7,439	5,036	934	1,099	38.4	41.3
Transport equipment operatives	3,218	285	254	2,551	1,575	370	524	43.8	45.3
Nonfarm laborers	4,312	625	799	2,1	2,374	335	299	33.3	40.7
Service workers	13,112	1,632	3,921	7,559	5,836	727	996	32.1	41.8
Private household	1,351	192	559	620	336	35	98	23.7	45.5
Other service workers	11,761	1,439	3,361	6,941	5,500	691	900	32.9	41.5
Males, 16 years and over	51,532	2,928	3,834	44,572	28,733	5,628	10,311	40.5	43.7
White-collar workers	23,853	994	1,584	21,711	12,485	2,558	6,669	42.5	45.9
Professional and technical	8,327	345	525	8,307	5,196	861	2,260	42.9	44.3
Managers and administrators, except farm	7,995	334	223	7,564	3,587	1,358	3,019	45.3	47.2
Sales workers	3,499	334	394	2,957	1,949	411	1,007	40.5	45.5
Clerical workers	3,031	981	436	2,775	2,124	329	322	37.3	40.9
Blue-collar workers	22,633	1,965	1,813	19,355	13,663	2,573	3,119	39.2	42.9
Craft and kindred workers	11,735	701	303	9,684	6,777	1,314	1,593	40.9	42.4
Operatives, except transport	5,167	427	214	4,526	3,345	526	655	39.6	41.4
Transport equipment operatives	2,935	273	135	2,530	1,453	350	700	47.9	45.2
Nonfarm laborers	2,855	564	664	2,343	2,088	283	271	33.5	40.9
Service workers	5,045	433	1,337	3,636	2,625	397	594	36.0	42.8
Private household	35	3	23	8	5	--	3	19.5	47.3
Other service workers	5,011	431	1,314	3,595	2,618	397	591	36.1	42.9
Females, 16 years and over	41,023	3,241	9,464	28,318	22,993	2,594	2,843	33.9	40.2
White-collar workers	27,691	1,354	5,999	20,329	16,332	1,823	2,173	34.6	40.1
Professional and technical	8,220	256	1,562	6,702	4,255	525	922	35.4	40.8
Managers and administrators, except farm	3,833	91	347	2,575	1,719	337	519	40.4	43.6
Sales workers	2,761	282	1,114	1,361	1,047	128	186	29.4	40.5
Clerical workers	12,898	725	2,972	9,691	9,314	752	525	34.3	38.9
Blue-collar workers	5,255	650	582	4,334	3,336	441	257	35.9	39.8
Craft and kindred workers	828	76	112	640	470	101	69	36.3	40.8
Operatives, except transport	3,569	471	215	2,913	2,461	269	183	35.7	39.8
Transport equipment operatives	283	25	119	159	125	20	14	33.4	41.3
Nonfarm laborers	555	77	136	343	282	32	29	32.6	39.9
Service workers	8,069	1,227	2,883	3,956	3,213	330	413	29.7	40.9
Private household	1,315	190	536	310	178	16	65	23.6	46.5
Other service workers	6,753	1,039	2,347	3,644	3,032	294	348	30.6	40.8

A-31. Employment status of 14- and 15-year-olds by sex and race

(Numbers in thousands)

Employment status	October 1992								
	Total			White			Black and other		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Civilian noninstitutional population	7,141	3,537	3,536	5,886	3,011	2,873	1,257	529	633
Civilian labor force	1,055	551	505	1,011	530	481	45	21	24
Employed	874	437	442	849	423	426	30	15	16
Agriculture	81	70	11	80	70	11	--	--	--
Nonagricultural industries	793	353	431	769	353	415	30	15	15
Unemployed	177	114	64	162	107	55	15	7	9
Unemployment rate	16.8	20.7	12.7	16.0	20.2	11.4	(1)	(1)	(1)
Not in labor force	6,087	2,986	3,101	4,875	2,483	2,392	1,212	503	633
Keeping house	25	11	14	22	9	14	3	3	1
Going to school	5,970	2,926	2,944	4,773	2,433	2,341	1,197	593	604
Unable to work	3	3	--	3	3	--	--	--	--
All other reasons	88	45	42	77	39	38	11	7	4

(1) Percent not shown where base is less than 75,000

A-32. Employed 14- and 15-year-olds by class of worker, occupation, and sex

Class of worker and occupation	October 1992					
	Thousands of persons			Percent distribution		
	Both sexes	Males	Females	Both sexes	Males	Females
CLASS OF WORKER						
Total	879	437	442	100.0	100.0	100.0
Nonagricultural industries	798	358	431	90.8	81.9	97.5
Wage and salary workers	711	308	403	80.9	70.5	91.2
Private household workers	347	70	276	39.4	16.0	62.4
Government workers	11	8	3	1.2	1.8	.7
Other wage and salary workers	354	229	124	40.2	52.4	28.1
Self-employed workers	87	60	27	9.9	13.7	6.1
Unpaid family workers	1	--	--	.1	--	--
Agriculture	81	70	11	9.2	16.0	2.5
Wage and salary workers	35	30	6	4.1	6.9	1.4
Self-employed workers	21	19	2	2.4	4.3	.5
Unpaid family workers	24	21	3	2.7	4.8	.7
OCCUPATION						
Total	879	437	442	100.0	100.0	100.0
White-collar workers	256	179	77	29.1	40.8	17.5
Professional and technical	9	3	6	1.0	.7	1.4
Managers and administrators, except farm	1	2	--	.1	.5	--
Sales workers	238	169	69	27.1	38.7	15.6
Clerical workers	38	13	25	4.3	3.0	5.6
Blue-collar workers	159	143	15	18.1	32.6	3.4
Craft and kindred workers	5	4	1	.6	.9	.2
Operatives, except transport	16	16	--	1.8	3.6	--
Transport equipment operatives	3	2	1	.3	.5	.2
Nonfarm laborers	137	122	15	15.6	27.8	3.4
Service workers	409	57	342	46.5	13.1	77.4
Private household workers	297	19	278	33.8	4.3	62.9
Other service workers	112	38	63	12.7	8.7	14.3
Farm workers	55	48	7	6.3	10.9	1.6
Farmers and farm managers	6	4	2	.7	.9	.5
Farm laborers and supervisors	49	44	5	5.6	10.0	1.1

HOUSEHOLD DATA
SEASONALLY ADJUSTED

A-33. Employment status of the noninstitutional population by sex and age, seasonally adjusted

[Numbers in thousands]

Employment status, sex, and age	1991			1992									
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
TOTAL													
Total noninstitutional population [1]	172,966	173,155	173,333	173,495	173,657	173,843	174,020	174,201	174,364	174,544	174,707	174,889	175,063
Armed Forces [1]	2,158	2,158	2,164	2,159	2,168	2,175	2,175	2,175	2,173	2,180	2,196	2,148	2,148
Civilian noninstitutional population [1]	170,809	170,996	171,156	171,335	171,489	171,667	171,844	172,025	172,190	172,364	172,511	172,690	172,881
Civilian labor force	109,012	109,272	109,134	108,879	109,165	109,346	109,583	110,665	110,131	110,522	110,644	110,980	110,648
Percent of civilian population	63.8	63.9	63.8	63.5	63.7	63.7	63.8	64.3	64.0	64.1	64.1	64.3	64.0
Employed	100,343	100,172	99,613	99,581	99,590	99,492	99,340	100,117	99,764	99,732	99,839	99,720	99,093
Percent of total population	58.0	57.9	57.5	57.4	57.3	57.2	57.1	57.5	57.2	57.1	57.1	57.0	56.6
Agriculture	3,378	3,372	3,209	3,411	3,373	3,349	3,309	3,488	3,357	3,460	3,435	3,358	3,425
Nonagricultural industries	96,965	96,800	96,404	96,170	96,217	96,144	96,032	96,629	96,405	96,272	96,404	96,362	95,667
Unemployed	8,669	9,100	9,571	9,298	9,575	9,858	10,307	10,549	10,427	10,790	10,805	11,260	11,551
Unemployment rate	8.0	8.3	8.8	8.5	8.8	9.0	9.4	9.5	9.5	9.8	9.8	10.1	10.4
Not in labor force	61,797	61,724	61,982	62,455	62,324	62,321	62,197	61,360	61,993	61,842	61,867	61,710	62,237
Males, 20 years and over													
Total noninstitutional population [1]	74,502	74,610	74,714	74,813	74,906	75,015	75,121	75,227	75,323	75,429	75,531	75,640	75,749
Civilian noninstitutional population [1]	72,795	72,921	73,020	73,120	73,209	73,287	73,392	73,499	73,585	73,685	73,774	73,867	73,984
Civilian labor force	57,355	57,459	57,535	57,353	57,448	57,554	57,730	58,154	58,016	58,084	58,025	58,437	58,359
Percent of civilian population	78.8	78.8	79.0	78.5	78.5	78.5	78.7	79.1	78.8	78.8	78.7	79.1	78.9
Employed	53,504	53,354	53,122	53,047	53,097	53,006	52,988	53,263	52,985	52,996	52,887	52,828	52,625
Percent of total population	73.8	73.5	73.1	73.0	73.0	73.0	73.0	73.3	73.0	73.0	73.0	72.9	72.5
Agriculture	2,413	2,382	2,311	2,393	2,386	2,377	2,382	2,454	2,428	2,474	2,436	2,447	2,452
Nonagricultural industries	51,091	50,972	50,811	50,657	50,711	50,629	50,606	50,795	50,561	50,522	50,451	50,381	50,164
Unemployed	3,851	4,105	4,543	4,322	4,351	4,548	4,742	4,904	5,031	5,088	5,139	5,579	5,733
Unemployment rate	6.7	7.1	7.9	7.5	7.6	7.9	8.2	8.4	8.7	8.8	8.9	9.6	9.9
Not in labor force	15,440	15,462	15,355	15,752	15,761	15,733	15,662	15,335	15,569	15,601	15,748	15,469	15,625
Females, 20 years and over													
Total noninstitutional population [1]	82,074	82,193	82,336	82,415	82,523	82,640	82,753	82,869	82,976	83,091	83,201	83,320	83,439
Civilian noninstitutional population [1]	81,920	82,038	82,151	82,263	82,367	82,478	82,591	82,707	82,811	82,926	83,035	83,152	83,271
Civilian labor force	42,831	42,987	42,888	42,868	43,031	43,243	43,301	43,683	43,304	44,376	44,115	44,025	43,833
Percent of civilian population	52.3	52.4	52.2	52.1	52.2	52.4	52.4	52.8	52.3	53.5	53.1	52.9	52.6
Employed	39,814	39,878	39,713	39,764	39,744	39,807	39,715	40,075	40,359	40,392	40,490	40,369	40,045
Percent of total population	48.5	48.5	48.3	48.2	48.2	48.2	48.0	48.4	48.6	48.6	48.7	48.5	48.0
Agriculture	596	635	572	649	628	636	601	634	581	600	589	585	572
Nonagricultural industries	39,218	39,243	39,141	39,115	39,116	39,172	39,114	39,441	39,769	39,791	39,901	39,784	39,474
Unemployed	3,017	3,109	3,175	3,104	3,286	3,435	3,585	3,609	3,554	3,684	3,626	3,656	3,787
Unemployment rate	7.0	7.2	7.4	7.2	7.6	7.9	8.3	8.3	8.1	8.4	8.2	8.3	8.5
Not in labor force	39,089	39,051	39,263	39,392	39,336	39,235	39,293	39,024	39,307	38,850	38,920	39,127	39,439
Both sexes, 16-19 years													
Total noninstitutional population [1]	16,390	16,351	16,319	16,253	15,228	16,188	16,146	16,105	16,065	16,024	15,976	15,929	15,892
Civilian noninstitutional population [1]	16,093	16,037	15,995	15,955	15,913	15,902	15,861	15,820	15,798	15,753	15,702	15,671	15,625
Civilian labor force	8,826	8,826	8,531	8,643	8,686	8,549	8,616	8,813	8,271	8,362	8,503	8,588	8,452
Percent of civilian population	54.8	55.0	54.0	54.2	54.6	53.8	54.3	55.7	52.4	53.1	54.2	54.5	54.1
Employed	7,025	6,940	6,778	6,771	6,748	6,679	6,637	6,732	6,429	6,344	6,463	6,523	6,422
Percent of total population	42.9	42.4	41.6	41.6	41.6	41.3	41.1	42.1	40.0	39.6	40.5	41.0	40.4
Agriculture	369	355	326	373	359	336	326	393	353	386	411	336	393
Nonagricultural industries	6,656	6,585	6,452	6,398	6,389	6,343	6,311	6,392	6,076	5,958	6,052	6,187	6,029
Unemployed	1,801	1,886	1,853	1,872	1,938	1,870	1,979	2,037	1,842	2,018	2,040	2,025	2,030
Unemployment rate	20.4	21.4	21.5	21.7	22.3	21.9	23.3	23.1	22.3	24.1	24.0	23.7	24.0
Not in labor force	7,267	7,211	7,364	7,312	7,227	7,353	7,245	7,081	7,523	7,391	7,199	7,123	7,173

[1] The population and Armed Forces figures are not adjusted for seasonal variations.

NOTE: Detail for the household data shown in tables A-33 through A-42 will not necessarily add to totals, because of the independent seasonal adjustment of the various series.

A-34. Full- and part-time status of the civilian labor force, seasonally adjusted

[Numbers in thousands]

Full- and part-time status	1981			1982								
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
FULL TIME													
Total, 16 years and over													
Civilian labor force	93,359	93,607	93,856	93,129	93,421	93,860	93,890	94,619	93,984	94,348	94,804	94,690	94,941
Employed	86,155	86,062	85,729	85,324	85,523	85,505	85,289	85,903	85,112	85,406	85,337	85,091	84,955
Unemployed	7,204	7,545	8,127	7,805	7,897	8,355	8,601	8,717	8,873	8,942	9,067	9,599	9,987
Unemployment rate	7.7	8.1	8.7	8.4	8.5	8.9	9.2	9.2	9.4	9.5	9.6	10.1	10.5
PART TIME													
Total, 16 years and over													
Civilian labor force	15,690	15,721	15,399	15,853	15,632	15,470	15,836	15,911	16,167	16,215	16,225	16,237	15,841
Employed	14,198	14,125	13,982	14,337	13,951	13,926	14,112	14,237	14,584	14,371	14,552	14,579	14,237
Unemployed	1,492	1,596	1,417	1,515	1,681	1,544	1,724	1,674	1,583	1,844	1,672	1,708	1,604
Unemployment rate	9.5	10.2	9.2	9.6	10.8	10.0	10.9	10.5	9.8	11.4	10.3	10.5	10.1

NOTE: Persons on part-time schedules for economic reasons are included in the full-time employed category; unemployed persons are allocated by whether seeking full- or part-time work.

A-35. Employment status by race, sex, and age, seasonally adjusted

[Numbers in thousands]

Race, sex, and age	1981			1982								
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
WHITE													
Total, 16 years and over													
Civilian labor force	95,365	95,535	95,329	95,120	95,333	95,508	96,015	96,641	96,223	96,493	96,414	96,762	96,421
Employed	88,734	88,498	88,210	87,955	87,990	87,956	87,988	88,450	88,173	88,137	88,133	88,020	87,434
Unemployed	6,631	7,037	7,319	7,165	7,344	7,552	8,026	8,191	8,050	8,356	8,281	8,742	8,987
Unemployment rate	7.0	7.4	7.7	7.5	7.7	7.9	8.4	8.5	8.4	8.7	8.6	9.0	9.3
Males, 20 years and over													
Civilian labor force	50,811	50,881	50,948	50,757	50,812	50,903	51,124	51,994	51,252	51,292	51,269	51,607	51,521
Employed	47,790	47,649	47,449	47,410	47,430	47,351	47,393	47,535	47,330	47,256	47,202	47,163	46,983
Unemployed	3,021	3,232	3,499	3,347	3,382	3,552	3,731	3,859	3,952	4,037	4,067	4,444	4,537
Unemployment rate	5.9	6.4	6.9	6.6	6.7	7.0	7.3	7.5	7.7	7.9	7.9	8.6	8.8
Females, 20 years and over													
Civilian labor force	36,742	36,832	36,733	36,698	36,860	37,038	37,179	37,428	37,519	37,845	37,716	37,708	37,473
Employed	34,517	34,513	34,358	34,380	34,427	34,475	34,489	34,682	34,944	35,067	35,033	34,930	34,637
Unemployed	2,225	2,319	2,365	2,319	2,433	2,564	2,690	2,746	2,675	2,777	2,683	2,777	2,842
Unemployment rate	6.1	6.3	6.4	6.3	6.6	6.9	7.2	7.3	7.1	7.3	7.1	7.4	7.6
Both sexes, 16 to 19 years													
Civilian labor force	7,812	7,822	7,648	7,665	7,662	7,567	7,712	7,819	7,352	7,356	7,429	7,447	7,422
Employed	6,427	6,336	6,193	6,166	6,133	6,130	6,106	6,233	5,929	5,814	5,899	5,927	5,814
Unemployed	1,385	1,486	1,455	1,499	1,529	1,437	1,606	1,586	1,423	1,542	1,530	1,520	1,608
Unemployment rate	17.7	19.0	19.0	19.6	20.0	19.0	20.8	20.3	19.4	21.0	20.6	20.4	21.7
BLACK AND OTHER													
Total, 16 years and over													
Civilian labor force	13,697	13,757	13,773	13,708	13,857	13,810	13,768	14,097	13,947	14,027	14,232	14,282	14,306
Employed	11,611	11,661	11,610	11,632	11,653	11,515	11,446	11,669	11,560	11,594	11,738	11,687	11,659
Unemployed	2,086	2,096	2,153	2,072	2,204	2,294	2,322	2,429	2,387	2,433	2,494	2,595	2,647
Unemployment rate	15.2	15.2	15.7	15.1	15.9	16.6	16.9	17.2	17.1	17.3	17.5	18.2	18.5
Males, 20 years and over													
Civilian labor force	6,573	6,595	6,614	6,563	6,649	6,520	6,704	6,759	6,762	6,784	6,797	6,876	6,899
Employed	5,711	5,694	5,647	5,630	5,688	5,622	5,667	5,709	5,688	5,720	5,703	5,662	5,641
Unemployed	862	901	967	933	961	998	1,037	1,050	1,075	1,063	1,093	1,213	1,259
Unemployment rate	13.1	13.7	14.6	14.2	14.5	15.1	15.5	15.5	15.9	15.7	16.1	17.6	18.2
Females, 20 years and over													
Civilian labor force	6,096	6,147	6,163	6,152	6,163	6,199	6,135	6,324	6,273	6,247	6,370	6,341	6,365
Employed	5,301	5,359	5,355	5,388	5,333	5,321	5,248	5,407	5,387	5,350	5,474	5,436	5,415
Unemployed	795	788	808	764	826	878	887	917	887	897	896	905	949
Unemployment rate	13.0	12.8	13.1	12.4	13.4	14.2	14.5	14.5	14.1	14.4	14.1	14.3	14.9
Both sexes, 16 to 19 years													
Civilian labor force	1,028	1,015	996	989	1,044	991	919	1,014	912	997	1,066	1,066	1,043
Employed	599	608	608	614	627	573	531	553	486	524	561	569	603
Unemployed	429	407	388	375	417	418	388	461	426	473	505	477	440
Unemployment rate	41.7	40.1	39.0	37.9	39.9	42.2	42.2	45.5	46.7	47.4	47.4	44.7	42.2

HOUSEHOLD DATA
SEASONALLY ADJUSTED

A-36. Major unemployment indicators, seasonally adjusted

(Unemployment rates)

Category	1991			1992									
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
CHARACTERISTIC													
Total (all civilian workers)	6.3	6.3	6.8	6.5	6.9	6.9	6.9	6.5	6.5	6.8	6.8	7.1	7.3
Males, 20 years and over	5.7	5.9	6.4	6.5	6.6	6.9	6.2	6.4	6.7	6.8	6.9	6.6	6.8
Females, 20 years and over	5.0	5.2	5.4	5.2	5.5	5.3	5.3	5.3	5.1	5.4	5.2	5.3	5.5
Both sexes, 16-19 years	20.4	21.4	21.5	21.7	22.3	21.9	23.0	23.1	22.3	24.1	24.0	23.7	24.0
White	5.3	5.4	5.7	5.5	5.7	5.9	5.8	5.5	5.4	5.7	5.6	5.9	6.1
Black and other	13.2	13.2	13.7	13.1	13.9	13.6	13.9	13.2	13.1	13.1	13.5	13.2	13.5
Married men, spouse present	4.8	5.2	5.7	5.3	5.8	5.5	6.3	6.1	6.5	6.6	6.7	7.3	7.6
Married women, spouse present	6.1	6.5	6.6	6.2	7.0	7.1	7.8	7.4	7.0	7.4	7.1	7.5	7.4
Women who maintain families	10.6	10.8	10.5	10.4	11.2	10.5	11.5	11.8	12.4	12.0	11.6	12.4	11.2
Full time workers	7.7	8.1	8.7	8.4	8.5	8.9	8.2	9.2	9.4	9.5	9.6	10.1	10.5
Part time workers	9.5	10.2	9.2	9.6	10.8	10.0	10.9	10.5	9.8	11.4	10.3	10.5	10.1
Unemployed 15 weeks and over[1]	2.1	2.2	2.4	2.2	2.5	2.7	2.7	3.0	3.3	3.2	3.3	3.5	3.8
Labor force time lost[2]	9.1	9.5	10.1	10.0	9.8	13.4	13.8	11.1	10.2	10.7	10.7	11.7	12.1
OCCUPATION													
White-collar workers	4.1	4.2	4.5	4.2	4.6	4.8	4.9	4.8	5.0	4.9	4.8	4.8	5.1
Professional and technical	2.6	2.7	3.4	2.8	3.1	3.2	3.2	3.3	3.3	3.3	3.1	3.2	3.5
Managers and administrators, except farm	2.8	3.0	3.1	2.7	3.1	3.0	3.3	3.5	3.8	3.7	3.8	3.6	3.5
Sales workers	4.3	5.0	4.9	4.5	4.8	5.8	5.6	5.2	5.8	5.4	5.5	5.4	6.1
Clerical workers	6.0	6.0	6.2	6.3	6.7	6.9	7.2	6.8	6.9	6.9	6.7	6.7	7.1
Blue collar workers	10.3	11.8	12.7	12.5	12.5	12.9	13.7	13.5	13.9	14.4	14.2	15.6	15.9
Craft and kindred workers	6.3	6.5	7.3	6.9	6.4	9.1	9.6	9.4	10.3	10.9	10.6	11.4	10.9
Operatives, except transport	12.8	14.1	15.5	15.4	15.4	15.9	15.9	16.3	15.7	17.4	17.5	20.2	21.1
Transport equipment operatives	8.0	10.4	10.5	10.2	10.3	10.4	10.7	11.8	13.0	11.6	12.5	11.5	12.7
Nonfarm laborers	15.6	16.0	16.9	16.8	17.9	17.9	19.2	18.3	17.9	18.6	17.4	19.2	19.4
Service workers	9.3	9.7	9.6	9.2	9.8	10.2	11.1	11.1	9.9	10.5	10.6	10.7	10.6
Farm workers	6.2	6.2	6.4	6.4	6.4	5.4	5.8	6.3	7.2	6.1	6.9	5.1	6.5
INDUSTRY													
Nonagricultural private wage and salary workers[1]	6.1	6.4	6.1	6.6	6.3	6.5	6.9	6.9	6.8	7.0	7.0	7.1	7.3
Construction	17.6	17.8	18.1	18.7	18.1	17.9	19.4	18.8	19.1	20.3	20.7	22.6	23.0
Manufacturing	8.5	9.4	11.0	10.4	10.5	13.8	11.3	11.5	12.3	12.0	12.1	13.8	14.1
Durable goods	8.5	9.5	11.8	11.3	11.3	15.8	11.9	12.2	13.2	12.7	12.9	14.9	15.3
Nondurable goods	8.6	9.3	9.6	9.5	9.5	10.8	10.5	10.7	11.0	11.0	10.8	12.3	11.2
Transportation	4.9	5.5	6.0	6.4	5.9	5.6	7.0	6.5	5.9	6.1	7.0	6.4	8.1
Wholesale and retail trade	8.4	8.6	8.9	8.7	9.3	10.3	10.1	10.6	9.7	10.5	9.8	9.4	10.3
Finance and service industries	6.2	6.1	6.4	5.9	6.5	5.9	7.0	6.3	6.8	7.0	7.0	6.8	7.1
Government workers	4.7	5.2	5.0	4.8	5.2	4.9	5.3	5.3	4.6	4.6	4.6	4.9	4.8
Agricultural wage and salary workers	13.4	14.1	14.8	16.2	12.3	14.3	14.5	18.2	16.3	13.8	18.3	12.5	12.5

[1] Unemployment as a percent of the civilian labor force

[2] Aggregate hours lost by the unemployed and persons on part time for economic reasons as a percent of potentially available labor force hours

[3] Includes mining, not shown separately

A-37. Unemployed persons by duration of unemployment, seasonally adjusted

(Numbers in thousands)

Weeks of unemployment	1991			1992									
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
DURATION													
Less than 5 weeks	3,707	3,352	4,037	3,852	3,789	3,825	3,958	3,874	3,543	3,490	3,923	4,038	3,923
5 to 14 weeks	2,686	2,882	3,016	3,069	3,052	3,278	3,334	3,320	3,458	3,361	3,334	3,095	3,517
15 weeks and over	2,292	2,334	2,372	2,339	2,724	2,454	3,315	3,286	3,573	3,560	3,631	3,870	4,153
15 to 26 weeks	1,166	1,229	1,189	1,210	1,445	1,495	1,534	1,634	1,826	1,792	1,810	1,856	1,927
27 weeks and over	1,126	1,105	1,183	1,190	1,278	1,149	1,537	1,652	1,847	1,768	1,821	2,014	2,226
Average (mean) duration, in weeks	13.6	13.1	12.8	13.5	14.1	13.8	14.2	14.5	15.5	15.6	15.2	15.6	17.2
Median duration, in weeks	6.8	6.9	6.7	7.2	7.3	7.6	8.5	9.0	9.8	9.3	9.2	9.5	9.6
PERCENT DISTRIBUTION													
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5 weeks	42.7	42.3	42.8	41.3	39.6	38.8	38.5	37.0	33.2	37.2	35.1	35.1	33.8
5 to 14 weeks	30.9	31.7	32.0	32.9	31.9	33.2	32.1	31.7	32.4	29.5	30.4	31.3	30.3
15 weeks and over	26.4	26.0	25.2	25.7	28.5	25.0	29.3	31.4	34.4	33.4	33.4	33.6	35.8
15 to 26 weeks	13.4	13.5	12.6	13.0	15.1	15.3	14.7	15.6	17.1	16.7	16.7	16.1	16.6
27 weeks and over	13.0	12.5	12.6	12.8	13.4	11.7	14.7	15.8	17.3	16.7	16.8	17.5	19.2

A-38. Unemployment rates by sex and age, seasonally adjusted

Sex and age	1981			1982									
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
Total, 16 years and over	8.3	8.3	8.8	8.5	8.8	9.0	9.4	9.5	9.5	9.8	9.8	10.1	10.4
16 to 19 years	20.4	21.4	21.5	21.7	22.3	21.9	23.0	23.1	22.3	24.1	24.0	23.7	24.0
16 to 17 years	21.5	22.6	21.9	21.9	22.7	22.7	24.6	25.3	23.7	26.1	25.8	24.9	25.8
18 to 19 years	20.0	20.5	21.2	21.3	22.0	21.3	21.9	21.3	21.9	22.8	22.6	21.8	23.1
20 to 24 years	12.7	13.0	13.5	13.5	14.1	14.2	14.7	14.3	14.4	14.5	15.2	15.3	15.3
25 years and over	5.7	6.0	6.5	6.3	6.4	6.9	7.0	7.1	7.4	7.5	7.3	7.9	8.1
25 to 54 years	6.2	6.5	6.9	6.7	6.8	7.3	7.4	7.7	7.7	7.9	7.8	8.6	8.7
55 years and over	3.8	3.8	4.1	4.2	4.3	4.6	5.0	4.8	5.4	5.2	5.1	5.1	5.5
Males, 16 years and over	7.7	8.1	9.0	8.6	8.7	9.3	9.4	9.5	9.7	9.9	10.0	10.7	10.9
16 to 19 years	20.1	21.8	22.3	22.1	22.5	23.5	24.4	24.3	24.2	25.1	25.1	25.3	25.5
16 to 17 years	21.1	22.7	22.6	23.0	23.0	24.3	24.7	26.3	25.8	28.1	27.3	29.6	29.9
18 to 19 years	19.3	21.0	22.2	21.4	22.1	22.9	24.3	23.9	24.0	23.4	23.4	22.6	23.2
20 to 24 years	13.6	13.4	14.8	14.9	15.4	15.7	15.0	15.5	15.8	15.9	16.6	17.4	17.5
25 years and over	5.5	5.8	6.5	6.3	6.3	6.6	6.9	6.9	7.5	7.5	7.5	8.2	8.5
25 to 54 years	5.9	6.3	6.9	6.7	6.7	7.1	7.2	7.5	8.0	8.1	8.0	9.1	9.1
55 years and over	3.7	3.7	4.4	4.3	4.2	4.8	5.1	4.7	5.0	4.8	5.4	5.4	6.1
Females, 16 years and over	8.2	8.4	8.5	8.4	8.9	9.0	9.4	9.5	9.3	9.6	9.5	9.5	9.8
16 to 19 years	20.7	20.9	20.5	21.2	22.1	20.1	21.3	22.1	20.2	23.1	22.8	21.9	22.3
16 to 17 years	21.9	22.5	21.1	20.6	22.5	20.9	24.5	24.1	21.4	24.1	24.2	23.9	22.3
18 to 19 years	20.6	19.9	20.0	21.1	21.9	19.6	19.4	20.6	19.7	22.2	21.7	20.6	22.9
20 to 24 years	11.5	11.3	12.0	11.9	12.7	12.6	13.3	12.9	12.9	12.9	13.7	12.9	13.3
25 years and over	5.1	5.4	6.4	5.3	6.5	7.3	7.2	7.3	7.2	7.4	7.3	7.4	7.5
25 to 54 years	6.5	6.8	6.9	6.7	7.0	7.6	7.7	8.0	7.4	7.7	7.5	8.0	8.1
55 years and over	3.0	3.8	3.7	4.1	4.3	4.3	4.9	5.0	6.0	6.0	4.5	4.7	4.7

A-39. Unemployed persons by reason for unemployment, seasonally adjusted

(Numbers in thousands)

Reason for unemployment	1981			1982									
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
NUMBER OF UNEMPLOYED													
Both sexes, 16 years and over	8,573	8,935	9,343	9,205	9,553	9,622	9,935	9,931	9,802	10,177	10,347	10,373	10,677
Job losers	1,631	1,826	2,042	1,860	1,940	1,828	1,946	1,969	1,771	2,079	2,180	2,069	2,572
On layoff	2,942	3,079	3,301	3,345	3,413	3,794	3,959	3,932	3,231	3,799	3,167	3,404	3,935
Other job losers	976	916	923	835	904	885	937	874	833	813	806	767	795
Job leavers	2,178	2,339	2,294	2,079	2,277	2,249	2,365	2,439	2,372	2,528	2,940	2,415	2,217
Reentrants	1,002	996	1,021	1,055	1,133	1,344	1,381	1,358	1,388	1,289	1,329	1,324	1,312
PERCENT DISTRIBUTION													
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers	52.4	53.6	56.1	56.7	54.3	57.4	57.4	56.9	59.6	57.4	58.1	61.1	63.4
On layoff	18.7	19.9	21.4	20.3	19.3	18.7	18.3	19.3	19.6	19.3	20.0	23.0	21.9
Other job losers	33.7	33.6	34.6	36.5	35.0	34.7	35.5	37.9	40.0	38.1	38.2	38.0	41.6
Job leavers	11.2	13.0	9.7	9.1	10.2	9.0	9.1	8.4	7.7	7.5	7.4	6.6	6.7
Reentrants	25.0	25.5	23.5	22.7	24.0	22.9	23.0	23.5	22.4	23.5	22.3	23.8	23.3
New entrants	11.5	10.9	10.7	11.5	11.6	10.7	11.5	11.1	10.3	11.6	12.2	11.4	11.1
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE													
Job losers	4.2	4.5	4.9	4.8	4.7	5.1	5.4	5.3	5.7	5.6	5.7	5.8	5.8
Job leavers	.9	.8	.8	.8	.9	.9	.9	.9	.7	.7	.7	.7	.7
Reentrants	2.0	2.1	2.1	1.9	2.1	2.1	2.2	2.2	2.2	2.3	2.2	2.2	2.3
New entrants	.9	.9	.9	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.2	1.1	1.2

HOUSEHOLD DATA
SEASONALLY ADJUSTED

A.40 Employed persons by sex and age, seasonally adjusted

(In thousands)

Sex and age	1981			1982								
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
Total, 16 years and over	100,383	100,172	99,513	99,531	99,590	99,492	99,340	100,117	99,764	99,732	99,839	99,720	99,093
16 to 19 years	7,025	6,940	6,778	6,771	6,748	6,679	6,637	6,782	6,429	6,344	6,463	6,523	6,422
16 to 17 years	2,769	2,768	2,733	2,705	2,690	2,642	2,612	2,629	2,399	2,342	2,397	2,438	2,429
18 to 19 years	4,260	4,192	4,089	4,065	4,057	4,060	4,027	4,167	4,013	3,998	4,061	4,133	3,990
20 to 24 years	14,078	13,970	13,935	13,816	13,788	13,811	13,733	13,823	13,778	13,723	13,642	13,593	13,464
25 years and over	79,228	79,202	78,831	78,960	79,045	78,978	78,973	79,539	79,598	79,696	79,784	79,587	79,208
25 to 54 years	64,829	64,868	64,567	64,722	64,853	64,648	64,670	65,069	65,197	65,345	65,483	64,980	64,922
55 years and over	14,377	14,337	14,332	14,282	14,158	14,299	14,293	14,449	14,379	14,392	14,327	14,610	14,272
Males, 16 years and over	57,266	57,051	56,725	56,629	56,658	56,472	56,401	56,923	56,223	56,192	56,210	56,148	55,915
16 to 19 years	3,762	3,697	3,603	3,582	3,561	3,466	3,412	3,560	3,238	3,196	3,323	3,323	3,289
16 to 17 years	1,522	1,495	1,448	1,446	1,439	1,387	1,385	1,417	1,237	1,174	1,244	1,222	1,227
18 to 19 years	2,241	2,208	2,163	2,134	2,123	2,094	2,023	2,159	1,985	2,023	2,069	2,112	2,063
20 to 24 years	7,449	7,373	7,380	7,321	7,288	7,246	7,208	7,281	7,194	7,237	7,175	7,097	7,125
25 years and over	46,046	45,940	45,739	45,686	45,786	45,762	45,782	45,967	45,838	45,764	45,744	45,717	45,486
25 to 54 years	37,406	37,364	37,092	37,127	37,235	37,173	37,194	37,351	37,227	37,189	37,269	37,059	37,005
55 years and over	8,621	8,590	8,639	8,582	8,523	8,578	8,591	8,581	8,629	8,576	8,463	8,662	8,475
Females, 16 years and over	43,077	43,121	42,839	42,952	42,932	43,020	42,940	43,297	43,541	43,540	43,630	43,572	43,179
16 to 19 years	3,263	3,243	3,175	3,189	3,187	3,213	3,225	3,222	3,191	3,148	3,140	3,203	3,133
16 to 17 years	1,247	1,273	1,255	1,259	1,251	1,255	1,225	1,212	1,162	1,168	1,153	1,216	1,202
18 to 19 years	2,019	1,984	1,925	1,931	1,944	1,966	2,007	2,009	2,028	1,975	1,992	1,991	1,927
20 to 24 years	6,629	6,597	6,555	6,495	6,500	6,565	6,523	6,539	6,584	6,486	6,467	6,496	6,339
25 years and over	33,182	33,262	33,172	33,274	33,259	33,216	33,192	33,542	33,760	33,932	34,040	33,870	33,718
25 to 54 years	27,423	27,504	27,475	27,595	27,618	27,475	27,476	27,718	27,970	28,155	28,214	27,921	27,917
55 years and over	5,756	5,747	5,724	5,731	5,635	5,721	5,707	5,803	5,753	5,816	5,863	5,948	5,797

A.41 Unemployed persons by sex and age, seasonally adjusted

(In thousands)

Sex and age	1981			1982								
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
Total, 16 years and over	8,669	9,100	9,571	9,238	9,575	9,854	10,307	10,549	10,427	10,790	10,805	11,260	11,551
16 to 19 years	1,801	1,886	1,953	1,872	1,938	1,870	1,979	2,037	1,882	2,018	2,040	2,025	2,033
16 to 17 years	757	808	753	760	792	775	851	791	742	829	834	896	945
18 to 19 years	1,062	1,080	1,098	1,093	1,149	1,099	1,130	1,126	1,126	1,182	1,184	1,133	1,195
20 to 24 years	2,054	2,088	2,158	2,161	2,271	2,293	2,374	2,333	2,321	2,335	2,454	2,458	2,552
25 years and over	4,828	5,091	5,331	5,282	5,401	5,748	5,962	6,395	6,326	6,428	6,288	6,799	6,979
25 to 54 years	4,255	4,536	4,804	4,649	4,756	5,066	5,186	5,428	5,474	5,625	5,543	6,112	6,184
55 years and over	574	562	620	624	630	691	752	732	824	797	770	789	838
Males, 16 years and over	4,798	5,133	5,578	5,339	5,384	5,610	5,845	6,029	6,065	6,161	6,250	6,734	6,864
16 to 19 years	947	1,028	1,035	1,016	1,033	1,062	1,104	1,125	1,038	1,073	1,111	1,125	1,131
16 to 17 years	408	438	424	433	429	445	454	506	429	458	466	514	500
18 to 19 years	537	587	615	581	604	621	647	606	628	618	633	616	624
20 to 24 years	1,194	1,245	1,278	1,239	1,324	1,346	1,377	1,333	1,347	1,371	1,426	1,495	1,515
25 years and over	2,670	2,834	3,139	3,055	3,071	3,247	3,383	3,422	3,726	3,698	3,726	4,113	4,231
25 to 54 years	2,346	2,522	2,762	2,662	2,675	2,820	2,895	3,031	3,225	3,265	3,259	3,691	3,727
55 years and over	333	333	397	393	377	431	461	423	457	428	485	493	552
Females, 16 years and over	3,871	3,967	3,993	3,960	4,191	4,243	4,461	4,520	4,362	4,629	4,555	4,556	4,586
16 to 19 years	854	858	818	856	905	808	875	912	808	945	929	900	939
16 to 17 years	349	370	335	327	363	330	397	395	313	371	368	392	345
18 to 19 years	525	493	492	517	545	478	483	520	498	564	551	517	571
20 to 24 years	860	843	890	877	947	947	999	969	973	964	1,028	963	1,035
25 years and over	2,158	2,257	2,232	2,228	2,330	2,501	2,578	2,673	2,600	2,730	2,562	2,696	2,748
25 to 54 years	1,909	2,014	2,042	1,987	2,081	2,246	2,291	2,397	2,249	2,360	2,284	2,421	2,457
55 years and over	241	229	223	241	253	260	291	333	357	359	285	296	286

A-42. Employed persons by selected social and economic categories, seasonally adjusted

(In thousands)

Category	1981			1982									
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
CHARACTERISTIC													
Total, 16 years and over	100,343	100,172	99,613	99,581	99,590	99,492	99,382	100,117	99,764	99,732	99,839	99,929	99,991
Married men, spouse present	38,746	38,553	38,342	38,234	38,255	38,191	38,142	38,392	38,358	38,213	38,148	38,341	37,893
Married women, spouse present	23,874	23,920	23,691	23,744	23,727	23,990	23,831	24,213	24,101	24,223	24,303	24,187	24,147
OCCUPATION													
White-collar workers	53,199	53,196	53,289	52,836	52,841	52,763	53,177	53,705	53,586	53,685	53,750	53,876	53,643
Professional and technical	16,681	16,657	16,774	16,803	16,812	16,559	16,844	16,818	17,353	17,292	17,023	16,901	17,044
Managers and administrators, except farm	11,616	11,461	11,424	11,391	11,253	11,311	11,501	11,541	11,504	11,355	11,513	11,569	11,605
Sales workers	6,400	6,418	6,459	6,529	6,584	6,537	6,533	6,587	6,597	6,567	6,577	6,507	6,595
Clerical workers	18,502	18,550	18,636	18,423	18,432	18,155	18,229	18,759	18,482	18,471	18,837	18,819	18,395
Blue-collar workers	30,953	30,683	30,346	30,203	30,309	30,416	29,924	29,926	29,716	29,603	29,465	29,143	29,187
Craft and kindred workers	12,446	12,411	12,446	12,373	12,454	12,511	12,442	12,315	12,207	12,229	12,362	12,253	12,168
Operatives, except transport	10,410	10,220	10,169	9,966	9,955	9,960	9,598	9,585	9,555	9,453	9,257	8,938	8,945
Transport equipment operatives	3,580	3,438	3,368	3,415	3,503	3,397	3,403	3,419	3,419	3,419	3,268	3,369	3,312
Nonfarm laborers	4,517	4,614	4,361	4,451	4,397	4,548	4,343	4,607	4,661	4,488	4,598	4,583	4,595
Service workers	13,525	13,670	13,639	13,709	13,612	13,526	13,555	13,738	13,791	13,636	13,926	14,329	13,725
Farm workers	2,770	2,802	2,650	2,817	2,787	2,710	2,523	2,731	2,560	2,750	2,711	2,719	2,713
MAJOR INDUSTRY AND CLASS OF WORKER													
Agriculture													
Wage and salary workers	1,502	1,436	1,352	1,377	1,426	1,416	1,423	1,541	1,431	1,530	1,548	1,538	1,604
Self-employed workers	1,631	1,641	1,602	1,674	1,596	1,585	1,554	1,699	1,576	1,674	1,611	1,562	1,516
Unpaid family workers	261	321	228	380	359	277	273	236	253	250	258	259	221
Nonagricultural industries													
Wage and salary workers	89,460	89,238	88,991	88,759	88,585	88,525	88,322	89,051	88,535	88,581	88,717	88,650	87,895
Government	15,491	15,397	15,595	15,578	15,527	15,492	15,453	15,422	15,535	15,483	15,569	15,641	15,420
Private industries	73,969	73,841	73,406	73,181	73,059	73,034	72,869	73,629	72,970	73,098	73,148	72,959	72,575
Private households	1,162	1,208	1,291	1,248	1,161	1,225	1,192	1,292	1,291	1,200	1,282	1,229	1,220
Other industries	72,807	72,637	72,115	71,932	71,898	71,809	71,677	72,427	71,770	71,898	71,927	71,730	71,355
Self-employed workers	7,152	7,141	7,057	6,971	7,055	7,126	7,254	7,269	7,319	7,268	7,352	7,478	7,333
Unpaid family workers	451	425	410	410	439	449	411	382	397	380	409	372	415
PERSONS AT WORK[1]													
Nonagricultural industries	91,389	91,323	90,922	90,125	90,892	90,548	90,595	91,282	91,320	90,591	90,538	91,154	90,223
Full-time schedules	73,886	73,915	73,360	72,803	73,329	72,549	72,335	73,036	72,682	72,430	72,112	71,700	71,215
Part-time for economic reasons	5,009	5,026	5,298	5,371	5,563	5,717	5,838	5,763	5,948	5,492	5,688	6,600	6,578
Usually work full-time	2,006	1,945	2,121	1,783	2,193	2,237	2,223	2,211	2,364	2,031	2,058	2,571	2,514
Usually work part-time	3,003	3,081	3,157	3,287	3,370	3,480	3,611	3,552	3,580	3,461	3,594	4,029	4,063
Part time for noneconomic reasons	12,489	12,382	12,274	12,251	12,300	12,183	12,427	12,493	12,916	12,579	12,748	12,754	12,831

[1] Excludes persons "with a job but not at work" during the survey period for such reasons as vacation, illness, or industrial dispute.

HOUSEHOLD DATA

A-43. Employment status of male Vietnam-era veterans and nonveterans by age

(Numbers in thousands)

Veteran status and age	Not seasonally adjusted									
	Civilian noninstitutional population		Civilian labor force							
			Total		Employed		Unemployed			
							Number		Percent of labor force	
	Oct. 1981	Oct. 1982	Oct. 1981	Oct. 1982	Oct. 1981	Oct. 1982	Oct. 1981	Oct. 1982	Oct. 1981	Oct. 1982
VETERANS										
Total, 25 years and over	8,616	8,718	8,175	8,217	7,678	7,511	498	705	6.1	8.6
25 to 39 years	7,314	7,066	7,042	6,787	6,589	6,172	453	615	6.4	9.1
25 to 29 years	1,421	1,127	1,340	1,055	1,198	839	142	156	10.6	14.8
30 to 34 years	3,231	2,812	3,109	2,696	2,934	2,454	175	242	5.6	9.0
35 to 39 years	2,662	3,127	2,593	3,036	2,457	2,879	135	217	5.2	7.1
40 years and over	1,302	1,652	1,134	1,430	1,089	1,339	45	91	4.0	6.4
NONVETERANS										
Total, 25 to 39 years	17,503	18,504	16,537	17,529	15,622	15,913	975	1,616	5.9	9.2
25 to 29 years	7,965	8,253	7,498	7,767	6,952	6,905	545	862	7.3	11.1
30 to 34 years	5,631	6,127	5,395	5,824	5,117	5,362	269	462	5.0	7.9
35 to 39 years	3,907	4,124	3,714	3,938	3,553	3,646	161	292	4.3	7.4

NOTE: Vietnam-era veterans are males who served in the Armed Forces between August 5, 1964 and May 7, 1975. Nonveterans are males who have never served in the Armed Forces; published data are limited to those 25 to 39 years of age, the group that most closely corresponds to the bulk of the Vietnam-era veteran population.

B-1. Employees on nonagricultural payrolls by industry division, 1930 to date

(In thousands)

Year and month	Total	Goods-producing				Service-producing								
		Total	Mining	Construction	Manufacturing	Total	Transportation and public utilities	Wholesale and retail trade			Finance, insurance, and real estate	Services	Government		
								Total	Wholesale trade	Retail trade			Total	Federal	State and local
Annual averages															
1930	29,409	11,958	1,009	1,387	9,562	17,451	3,685	5,797	–	–	1,460	3,361	3,148	526	2,622
1931	26,635	10,272	873	1,229	8,170	16,363	3,254	5,284	–	–	1,392	3,169	3,264	560	2,704
1932	23,615	8,647	731	985	6,931	14,968	2,816	4,683	–	–	1,326	2,918	3,225	559	2,666
1933	23,699	8,965	744	824	7,397	14,734	2,672	4,755	–	–	1,280	2,861	3,166	565	2,601
1934	25,940	10,261	883	877	8,501	15,679	2,750	5,281	–	–	1,304	3,045	3,299	652	2,647
1935	27,039	10,893	897	927	9,069	16,146	2,786	5,431	–	–	1,320	3,128	3,481	753	2,728
1936	29,068	11,933	946	1,160	9,827	17,135	2,973	5,809	–	–	1,373	3,312	3,668	826	2,842
1937	31,011	12,936	1,015	1,127	10,794	18,075	3,134	6,265	–	–	1,417	3,503	3,756	833	2,923
1938	29,194	11,401	891	1,070	9,440	17,793	2,863	6,179	–	–	1,410	3,458	3,883	829	3,054
1939	30,603	12,297	854	1,165	10,278	18,306	2,936	6,426	1,762	4,664	1,447	3,502	3,995	905	3,090
1940	32,361	13,221	925	1,311	10,985	19,140	3,038	6,750	1,835	4,914	1,485	3,665	4,202	996	3,206
1941	36,539	15,963	957	1,814	13,192	20,574	3,274	7,210	1,960	5,251	1,525	3,905	4,660	1,340	3,320
1942	40,106	18,470	992	2,198	15,280	21,636	3,460	7,118	1,906	5,212	1,509	4,066	5,483	2,213	3,270
1943	42,434	20,114	925	1,587	17,602	22,320	3,647	6,982	1,822	5,160	1,481	4,130	6,080	2,905	3,175
1944	41,864	19,328	892	1,108	17,328	22,536	3,829	7,058	1,845	5,214	1,461	4,145	6,043	2,928	3,116
1945	40,374	17,507	836	1,147	15,524	22,867	3,906	7,314	1,949	5,365	1,481	4,222	5,944	2,808	3,137
1946	41,652	17,248	862	1,683	14,703	24,404	4,061	8,376	2,291	6,084	1,675	4,697	5,595	2,254	3,341
1947	43,857	18,509	955	2,009	15,545	25,348	4,166	8,955	2,471	6,485	1,728	5,025	5,474	1,892	3,582
1948	44,866	18,774	994	2,198	15,582	26,092	4,189	9,272	2,605	6,667	1,800	5,181	5,650	1,863	3,787
1949	43,754	17,565	930	2,194	14,441	26,189	4,001	9,264	2,602	6,662	1,828	5,240	5,856	1,908	3,948
1950	45,197	18,506	901	2,364	15,241	26,691	4,034	9,386	2,635	6,751	1,888	5,357	6,026	1,928	4,098
1951	47,819	19,959	929	2,637	16,393	27,860	4,226	9,742	2,727	7,015	1,956	5,547	6,389	2,302	4,087
1952	48,793	20,198	898	2,668	16,632	28,595	4,248	10,004	2,812	7,192	2,035	5,699	6,609	2,420	4,188
1953	50,202	21,074	866	2,659	17,549	29,128	4,290	10,247	2,854	7,393	2,111	5,835	6,645	2,305	4,340
1954	48,990	19,751	791	2,646	16,314	29,239	4,084	10,235	2,867	7,368	2,200	5,969	6,751	2,188	4,563
1955	50,641	20,513	792	2,839	16,882	30,128	4,141	10,535	2,926	7,610	2,298	6,240	6,914	2,187	4,727
1956	52,369	21,104	822	3,039	17,243	31,266	4,244	10,858	3,018	7,840	2,389	6,497	7,278	2,209	5,069
1957	52,853	20,964	828	2,962	17,174	31,889	4,241	10,886	3,028	7,858	2,438	6,708	7,616	2,217	5,399
1958	51,324	19,513	751	2,817	15,945	31,811	3,976	10,750	2,980	7,770	2,481	6,765	7,839	2,191	5,648
1959[1]	53,268	20,441	732	3,004	16,675	32,957	4,011	11,127	3,082	8,045	2,549	7,087	8,083	2,233	5,850
1960	54,189	20,434	712	2,926	16,796	33,755	4,004	11,391	3,143	8,248	2,629	7,378	8,353	2,270	6,083
1961	53,999	19,857	672	2,859	16,326	34,142	3,903	11,337	3,133	8,204	2,688	7,620	8,594	2,279	6,315
1962	55,549	20,451	650	2,948	16,853	35,098	3,906	11,566	3,198	8,368	2,754	7,982	8,890	2,340	6,550
1963	56,653	20,640	635	3,010	16,995	36,013	3,903	11,778	3,248	8,530	2,830	8,277	9,225	2,358	6,868
1964	58,283	21,005	634	3,097	17,274	37,278	3,951	12,160	3,337	8,823	2,911	8,660	9,596	2,348	7,248
1965	60,765	21,926	632	3,232	18,062	38,839	4,036	12,716	3,466	9,250	2,977	9,036	10,074	2,378	7,696
1966	63,901	23,158	627	3,317	19,214	40,743	4,158	13,245	3,597	9,648	3,058	9,498	10,784	2,564	8,220
1967	65,803	23,308	613	3,248	19,447	42,495	4,268	13,606	3,689	9,917	3,185	10,045	11,391	2,719	8,672
1968	67,897	23,737	606	3,350	19,781	44,160	4,318	14,099	3,779	10,320	3,337	10,567	11,839	2,737	9,102
1969	70,384	24,361	619	3,575	20,167	46,023	4,442	14,705	3,907	10,798	3,512	11,169	12,195	2,758	9,437
1970	70,880	23,578	623	3,588	19,367	47,302	4,515	15,040	3,993	11,047	3,645	11,548	12,554	2,731	9,823
1971	71,214	22,935	609	3,704	18,623	48,278	4,476	15,352	4,001	11,351	3,772	11,797	12,881	2,696	10,185
1972	73,675	23,668	628	3,889	19,151	50,007	4,541	15,949	4,113	11,836	3,908	12,276	13,334	2,684	10,649
1973	76,790	24,893	642	4,097	20,154	51,897	4,656	16,607	4,277	12,329	4,046	12,857	13,732	2,663	11,068
1974	78,265	24,794	697	4,020	20,077	53,471	4,725	16,987	4,433	12,554	4,148	13,441	14,170	2,724	11,446
1975	76,945	22,600	752	3,525	18,323	54,345	4,542	17,060	4,415	12,645	4,165	13,892	14,686	2,748	11,937
1976	79,382	23,352	779	3,576	18,997	56,030	4,582	17,755	4,546	13,209	4,271	14,551	14,871	2,733	12,138
1977	82,471	24,346	813	3,851	19,682	58,125	4,713	18,516	4,708	13,808	4,467	15,303	15,127	2,727	12,399
1978	86,697	25,585	851	4,229	20,505	61,113	4,923	19,542	4,969	14,573	4,724	16,252	15,672	2,753	12,919
1979	89,823	26,461	958	4,463	21,040	63,363	5,136	20,192	5,204	14,989	4,975	17,112	15,947	2,773	13,174
1980	90,406	25,658	1,027	4,346	20,285	64,748	5,146	20,310	5,275	15,035	5,160	17,890	16,241	2,866	13,375
1981	91,105	25,481	1,132	4,176	20,173	65,625	5,157	20,551	5,359	15,192	5,301	18,592	16,024	2,772	13,253
Monthly data, seasonally adjusted															
1981:															
October	91,224	25,393	1,195	4,101	20,097	65,831	5,162	20,654	5,380	15,274	5,325	18,773	15,917	2,757	13,160
November	90,996	25,176	1,202	4,071	19,903	65,820	5,150	20,623	5,375	15,248	5,324	18,815	15,908	2,749	13,159
December	90,642	24,908	1,206	4,026	19,676	65,734	5,128	20,524	5,357	15,167	5,331	18,836	15,917	2,756	13,161
1982:															
January	90,460	24,684	1,201	3,966	19,517	65,776	5,125	20,630	5,346	15,284	5,326	18,831	15,854	2,741	13,123
February	90,459	24,631	1,203	3,974	19,454	65,828	5,115	20,670	5,343	15,327	5,326	18,867	15,850	2,737	13,113
March	90,304	24,450	1,197	3,934	19,319	65,854	5,100	20,655	5,336	15,319	5,336	18,904	15,859	2,736	13,123
April	90,083	24,289	1,182	3,938	19,169	65,794	5,094	20,584	5,323	15,261	5,335	18,929	15,852	2,730	13,122
May	90,166	24,255	1,152	3,988	19,115	65,911	5,101	20,652	5,331	15,321	5,342	18,963	15,853	2,728	13,125
June	89,839	23,994	1,124	3,940	18,930	65,845	5,078	20,595	5,307	15,288	5,352	18,988	15,832	2,739	13,093
July	89,535	23,840	1,100	3,927	18,813	65,695	5,044	20,615	5,299	15,316	5,359	19,042	15,635	2,737	12,898
August	89,312	23,657	1,086	3,899	18,572	65,655	5,025	20,550	5,278	15,272	5,360	19,048	15,672	2,739	12,933
September.P	89,188	23,535	1,074	3,881	18,580	65,653	5,032	20,480	5,266	15,214	5,370	19,076	15,695	2,734	12,961
October.P	88,925	23,279	1,064	3,867	18,348	65,646	5,022	20,438	5,249	15,189	5,362	19,107	15,717	2,723	12,994

[1] Data include Alaska and Hawaii beginning 1959. This inclusion has resulted in an increase of 212,000 (0.4 percent) in the nonagricultural total for the March 1959 benchmark month.

p = preliminary.

NOTE: Data from April 1981 forward are subject to revision when more recent benchmark data are introduced. See "Benchmark adjustment" in the Explanatory Notes of this publication.

ESTABLISHMENT DATA
EMPLOYMENT

B-2. Employees on nonagricultural payrolls by industry

[In thousands]

1972 SIC Code	Industry	All employees					Production workers[1]				
		Sept. 1981	Oct. 1981	Aug. 1982	Sept. 1982P	Oct. 1982P	Sept. 1981	Oct. 1981	Aug. 1982	Sept. 1982P	Oct. 1982P
	TOTAL	91,623	91,884	89,057	89,445	89,582	-	-	-	-	-
	PRIVATE SECTOR	76,091	75,884	74,180	74,119	73,780	61,776	61,585	59,868	59,864	59,547
	MINING	1,201	1,196	1,104	1,083	1,065	886	880	783	771	756
10	METAL MINING	104.3	102.7	62.8	61.6	-	78.5	77.2	44.3	43.7	-
101	Iron ores	21.4	20.9	5.2	5.3	-	16.6	16.2	3.1	3.3	-
102	Copper ores	36.2	35.9	21.3	21.0	-	27.9	27.6	14.9	14.9	-
11, 12	COAL MINING	258.7	251.8	226.5	229.1	-	211.1	206.2	183.1	186.4	-
12	BITUMINOUS COAL AND LIGNITE MINING	251.1	248.3	223.2	225.7	-	207.9	205.0	180.1	183.4	-
13	OIL AND GAS EXTRACTION	718.4	719.6	696.5	673.4	-	500.9	501.2	465.8	441.8	-
131, 2	Crude petroleum, natural gas, and natural gas liquids	273.5	274.2	297.1	290.3	-	118.5	118.4	132.7	130.3	-
138	Oil and gas field services	444.9	445.4	399.4	383.1	-	382.4	382.8	333.1	319.5	-
14	NONMETALLIC MINERALS, EXCEPT FUELS	123.5	121.7	117.8	113.3	-	95.3	93.3	90.2	90.8	-
142	Crushed and broken stone	38.7	38.0	37.7	37.4	-	31.7	31.1	30.3	30.1	-
144	Sand and gravel	36.0	35.2	35.0	35.2	-	-	-	-	-	-
147	Chemical and fertilizer minerals	27.5	27.4	24.2	24.3	-	-	-	-	-	-
	CONSTRUCTION	4,366	4,340	4,164	4,110	4,095	3,436	3,412	3,246	3,194	3,184
15	GENERAL BUILDING CONTRACTORS	1,124.8	1,111.0	1,028.4	1,003.7	-	857.3	846.9	772.8	747.8	-
152	Residential building construction	537.2	526.4	504.9	491.8	-	394.1	385.8	370.2	357.1	-
153	Operative builders	59.5	57.3	48.9	47.9	-	33.5	32.7	23.8	22.5	-
154	Nonresidential building construction	528.1	527.3	474.6	464.0	-	429.7	428.4	378.8	368.2	-
16	HEAVY CONSTRUCTION CONTRACTORS	973.7	975.5	920.8	917.0	-	793.8	792.7	745.6	742.2	-
161	Highway and street construction	279.9	274.1	262.3	260.7	-	237.4	232.0	223.4	222.1	-
162	Heavy construction, except highway	693.8	701.4	658.5	656.3	-	556.4	560.7	522.2	520.1	-
17	SPECIAL TRADE CONTRACTORS	2,267.1	2,253.3	2,214.8	2,183.3	-	1,785.1	1,772.4	1,727.6	1,704.0	-
171	Plumbing, heating, air conditioning	529.2	533.2	502.9	498.2	-	333.2	393.7	366.4	361.8	-
172	Painting, paper hanging, decorating	145.8	142.1	147.0	142.9	-	122.3	118.5	124.3	120.0	-
173	Electrical work	421.0	420.5	405.1	402.1	-	326.7	326.4	309.1	307.5	-
174	Masonry, stonework, and plastering	341.7	331.3	319.6	319.6	-	292.7	282.6	270.4	270.4	-
175	Carpentering and flooring	123.2	119.8	116.1	115.5	-	92.4	88.9	87.0	86.1	-
176	Roofing and sheet metal work	136.0	167.3	165.6	154.9	-	135.4	139.4	132.9	132.0	-
	MANUFACTURING	20,499	20,271	18,735	18,803	18,518	14,304	14,079	12,674	12,784	12,538
24, 25, 32-39	DURABLE GOODS	12,272	12,144	10,935	10,987	10,783	8,423	8,297	7,198	7,273	7,104
20-23, 26-31	NONDURABLE GOODS	8,227	8,127	7,799	7,816	7,733	5,881	5,782	5,476	5,511	5,434
	DURABLE GOODS										
24	LUMBER AND WOOD PRODUCTS	680.9	654.5	632.9	633.7	625.1	567.8	542.3	522.7	523.5	514.2
241	Logging camps and logging contractors	89.9	86.2	83.5	84.0	-	72.4	68.8	65.8	66.2	-
242	Sawmills and planing mills	237.4	199.0	198.4	194.1	-	183.0	174.8	174.0	175.0	-
2421	Sawmills and planing mills, general	172.2	165.1	167.2	167.2	-	152.4	145.6	147.0	147.3	-
2426	Hardwood dimension and flooring	29.9	28.9	25.9	27.2	-	25.9	24.9	23.2	23.4	-
243	Millwork, plywood, and structural members	181.3	183.9	176.9	177.1	-	157.6	150.6	144.0	143.9	-
2431	Millwork	67.4	64.9	65.2	65.2	-	53.8	51.7	51.4	51.3	-
2434	Wood kitchen cabinets	45.9	45.0	40.2	40.1	-	36.5	35.7	31.5	31.2	-
2435	Hardwood veneer and plywood	25.1	24.6	21.8	21.8	-	22.1	21.7	19.0	18.9	-
2436	Softwood veneer and plywood	39.1	38.5	36.1	36.2	-	35.1	32.5	31.9	32.0	-
244	Wood containers	41.7	40.9	39.4	40.0	-	35.4	34.7	33.0	33.8	-
245	Wood buildings and mobile homes	59.2	64.6	62.0	61.2	-	51.2	46.5	46.0	44.9	-
2451	Mobile homes	30.3	46.9	47.4	46.4	-	39.4	35.4	36.9	35.5	-
249	Miscellaneous wood products	81.4	79.9	72.7	72.3	-	68.2	66.7	59.9	59.7	-
25	FURNITURE AND FIXTURES	474.9	473.9	439.2	444.1	441.2	382.9	381.0	346.5	351.4	348.7
251	Household furniture	299.9	299.6	269.0	274.5	-	250.9	250.1	221.0	226.2	-
2511	Wood household furniture	135.2	133.8	121.3	123.1	-	117.3	116.0	103.9	105.6	-
2512	Upholstered household furniture	90.2	89.7	82.5	83.8	-	73.8	72.9	66.5	67.7	-
2514	Metal household furniture	46.9	47.3	45.1	46.7	-	23.1	25.4	19.4	20.9	-
2515	Mattresses and bedsprings	31.4	30.7	28.9	29.2	-	24.3	23.6	21.6	22.0	-
252	Office furniture	56.0	55.6	54.7	55.0	-	44.0	43.7	41.9	42.3	-
253	Public building and related furniture	24.2	23.9	21.6	23.0	-	18.4	18.1	17.6	17.1	-
254	Partitions and fixtures	63.6	63.7	59.8	59.2	-	47.7	47.5	44.0	43.7	-
259	Miscellaneous furniture and fixtures	31.2	31.1	32.1	32.4	-	21.9	21.6	22.0	22.1	-

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry – Continued

[In thousands]

1972 SIC Code	Industry	All employees					Production workers[1]				
		Sept. 1981	Oct. 1981	Aug. 1982	Sept. 1982P	Oct. 1982P	Sept. 1981	Oct. 1981	Aug. 1982	Sept. 1982P	Oct. 1982P
32	STONE, CLAY, AND GLASS PRODUCTS	652.0	639.8	585.6	585.6	577.6	504.7	494.0	445.4	446.7	439.2
321	Flat glass	18.6	18.5	16.2	16.0	-	14.6	14.6	12.8	12.7	-
322	Glass and glassware, pressed or blown	123.3	121.6	111.3	111.5	-	104.4	103.3	93.5	93.7	-
3221	Glass containers	68.6	67.5	64.6	64.0	-	60.4	59.4	56.8	56.3	-
3229	Pressed and blown glass, nec	54.4	54.1	46.7	47.5	-	44.0	43.9	36.7	37.4	-
323	Products of purchased glass	45.5	44.5	41.6	41.3	-	30.5	29.7	27.7	27.5	-
324	Cement, hydraulic	30.6	30.0	28.9	28.9	-	24.3	23.8	22.7	22.9	-
325	Structural clay products	42.2	40.9	34.2	34.4	-	32.3	30.9	24.7	25.1	-
326	Pottery and related products	43.7	43.0	38.5	39.1	-	36.0	35.4	30.8	31.5	-
327	Concrete, gypsum, and plaster products	198.4	194.0	185.0	184.2	-	153.8	149.9	141.9	141.3	-
3271	Concrete block and brick	19.3	19.1	18.7	18.9	-	13.2	13.0	12.7	12.9	-
3272	Concrete products, nec	67.3	65.9	61.6	61.5	-	50.7	49.8	46.2	45.9	-
3273	Ready-mixed concrete	92.1	89.7	86.8	85.9	-	73.9	71.6	68.7	68.0	-
329	Misc. nonmetallic mineral products	137.7	135.1	117.8	117.9	-	99.1	96.3	81.6	82.3	-
3291	Abrasive products	27.8	27.6	23.3	23.8	-	18.7	18.5	14.5	14.7	-
3292	Asbestos products	16.0	15.7	13.9	13.9	-	12.3	12.0	10.2	10.5	-
3296	Mineral wool	30.3	29.2	27.2	27.2	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES	1,131.7	1,102.2	887.5	876.1	842.1	870.6	842.3	654.6	647.2	618.9
331	Blast furnace and basic steel products	507.8	490.2	372.9	362.4	-	398.4	376.6	275.0	267.4	-
3312	Blast furnaces and steel mills	421.7	406.6	307.8	297.7	-	328.5	313.0	228.0	220.5	-
3317	Steel pipe and tubes	32.7	31.7	24.1	24.2	-	25.5	24.6	17.4	17.6	-
332	Iron and steel foundries	206.4	199.9	154.1	153.3	-	154.2	148.4	117.9	117.0	-
3321	Gray iron foundries	124.5	120.3	93.4	93.2	-	111.6	97.8	73.8	73.5	-
3322	Malleable iron foundries	16.5	15.8	12.0	11.8	-	12.8	12.1	8.8	8.7	-
3325	Steel foundries, nec	52.2	50.6	38.7	37.6	-	41.1	39.8	29.1	28.2	-
333	Primary nonferrous metals	70.3	69.0	56.2	55.7	-	52.5	51.5	40.0	39.9	-
3334	Primary aluminum	36.3	35.5	28.5	28.3	-	28.1	27.3	20.9	20.9	-
335	Nonferrous rolling and drawing	207.3	205.1	182.7	183.8	-	148.5	147.3	128.4	129.8	-
3351	Copper rolling and drawing	30.2	29.1	24.6	25.1	-	22.7	21.8	18.2	18.8	-
3353	Aluminum sheet, plate, and foil	34.9	33.8	30.0	29.9	-	26.9	26.2	22.9	22.9	-
3357	Nonferrous wire drawing and insulating	88.3	87.6	78.2	78.4	-	63.4	62.9	54.5	55.2	-
336	Nonferrous foundries	91.1	89.0	78.5	78.4	-	73.4	71.3	61.6	61.7	-
3361	Aluminum foundries	53.6	51.8	44.9	44.7	-	44.0	42.3	36.1	36.0	-
34	FABRICATED METAL PRODUCTS	1,615.8	1,591.8	1,418.9	1,425.5	1,399.1	1,193.3	1,169.7	1,018.3	1,028.8	1,007.6
341	Metal cans and shipping containers	73.4	68.7	67.5	67.2	-	62.9	58.3	57.2	57.0	-
3411	Metal cans	60.3	56.0	55.5	55.0	-	52.3	48.2	47.9	47.6	-
342	Cutlery, hand tools, and hardware	160.5	158.2	133.0	133.6	-	122.7	120.2	96.0	96.7	-
3423,5	Hand and edge tools, and hand saws and blades	55.5	55.0	43.5	43.7	-	42.4	41.9	31.5	31.6	-
3429	Hardware, nec	89.9	88.1	75.7	76.4	-	69.1	67.2	55.0	55.9	-
343	Plumbing and heating, except electric	70.4	70.2	64.4	65.9	-	51.2	50.7	44.6	47.0	-
3432	Plumbing fittings and brass goods	27.5	26.9	26.6	26.8	-	22.1	21.5	20.8	21.1	-
3433	Heating equipment, except electric	32.2	32.4	27.8	30.0	-	21.8	21.8	17.5	19.4	-
344	Fabricated structural metal products	513.7	507.7	457.9	456.9	-	353.8	345.7	306.5	308.2	-
3441	Fabricated structural metal	101.8	100.5	87.2	86.2	-	72.6	71.8	61.0	60.1	-
3442	Metal doors, sash, and trim	82.8	80.9	79.9	79.8	-	63.3	58.6	58.2	58.3	-
3443	Fabricated plate work (boiler shops)	150.0	148.7	128.9	128.1	-	91.0	90.0	75.5	76.2	-
3444	Sheet metal work	109.0	108.9	100.4	101.0	-	79.6	79.2	71.6	72.4	-
3448	Architectural metal work	30.8	30.4	28.0	28.3	-	21.7	21.1	18.9	19.4	-
345	Screw machine products, bolts, etc.	105.4	104.5	93.1	88.7	-	81.2	80.2	67.0	66.1	-
3451	Screw machine products	48.2	47.8	42.0	41.4	-	39.3	38.7	32.6	32.3	-
3452	Bolts, nuts, rivets, and washers	57.2	56.7	48.1	47.3	-	41.9	41.5	34.4	33.8	-
346	Metal forgings and stampings	252.8	256.3	220.2	225.5	-	208.8	202.9	171.3	176.6	-
3462	Iron and steel forgings	45.0	43.6	32.8	32.5	-	35.2	33.9	24.2	24.2	-
3465	Automotive stampings	96.5	94.8	81.8	86.4	-	90.1	78.6	67.9	72.3	-
3469	Metal stampings, nec	130.6	105.6	94.1	95.0	-	83.7	81.0	70.5	71.4	-
347	Metal services, nec	103.7	103.0	91.6	91.2	-	93.5	82.7	71.9	71.7	-
3471	Plating and polishing	70.8	70.2	62.9	62.9	-	58.3	57.4	50.6	50.8	-
3479	Metal coating and allied services	32.9	32.8	28.7	28.3	-	25.5	25.3	21.3	20.9	-
348	Ordnance and accessories, nec	69.2	70.1	71.0	72.0	-	43.7	44.1	44.8	45.7	-
3483	Ammunition, exc. for small arms, nec	26.2	26.6	27.3	27.7	-	16.4	16.5	17.2	17.5	-
349	Misc. fabricated metal products	256.7	253.1	223.2	223.5	-	188.5	184.9	159.0	159.8	-
3494	Valves and pipe fittings	104.7	103.7	91.2	90.7	-	71.2	70.3	59.6	59.3	-
3496	Misc. fabricated wire products	55.0	54.0	50.5	50.7	-	43.1	41.8	38.2	38.5	-
35	MACHINERY, EXCEPT ELECTRICAL	2,536.2	2,525.1	2,207.7	2,205.4	2,132.9	1,634.8	1,593.2	1,302.6	1,308.5	1,250.1
351	Engines and turbines	136.4	136.2	107.9	109.4	-	88.4	88.1	68.7	68.0	-
3511	Turbines and turbine generator sets	45.7	45.7	41.8	41.8	-	24.4	24.4	22.5	22.7	-
3519	Internal combustion engines, nec	90.7	90.5	66.1	67.5	-	64.0	63.7	46.2	45.3	-
352	Farm and garden machinery	154.4	151.4	120.5	125.2	-	103.3	100.3	74.5	79.8	-
3523	Farm machinery and equipment	133.6	129.2	101.9	105.7	-	88.4	84.1	62.5	67.1	-
353	Construction and related machinery	409.9	409.2	316.7	310.7	-	259.5	268.3	190.4	186.3	-
3531	Construction machinery	146.2	144.9	104.1	106.1	-	97.3	95.4	59.9	62.1	-

[1] See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry — Continued

(In thousands)

1972 SIC Code	Industry	All employees					Production workers[1]				
		Sept. 1981	Oct. 1981	Aug. 1982	Sept. 1982P	Oct. 1982P	Sept. 1981	Oct. 1981	Aug. 1982	Sept. 1982P	Oct. 1982P
	MACHINERY, EXCEPT ELECTRICAL—Continued										
3532	Mining machinery	38.7	38.5	31.6	29.5	-	24.3	23.8	18.7	17.2	-
3533	Oil field machinery	123.7	124.7	97.9	91.5	-	85.8	86.7	64.5	59.1	-
3535	Conveyors and conveying equipment	35.7	35.1	31.4	31.7	-	20.2	19.7	16.6	16.7	-
3537	Industrial trucks and tractors	34.8	35.2	27.1	26.4	-	23.0	23.3	16.1	15.6	-
354	Metalworking machinery	365.8	364.5	307.0	307.3	-	264.3	263.0	212.3	212.6	-
3541	Machine tools, metal cutting types	79.6	78.8	59.1	57.3	-	51.6	50.8	34.7	33.7	-
3542	Machine tools, metal forming types	23.4	24.5	19.6	18.8	-	14.4	15.3	11.7	11.1	-
3544	Special dies, tools, jigs, and fixtures	138.0	137.5	125.1	125.7	-	109.3	109.0	96.8	97.1	-
3545	Machine tool accessories	69.3	68.9	59.4	59.4	-	49.1	48.5	38.7	38.4	-
3546	Power driven hand tools	30.8	30.4	22.8	25.6	-	23.5	23.3	16.3	18.5	-
355	Special industry machinery	197.5	195.8	176.3	175.4	-	125.1	124.1	106.8	106.6	-
3551	Food products machinery	43.3	43.1	40.6	40.8	-	27.5	27.5	25.7	25.9	-
3552	Textile machinery	25.8	25.3	21.8	21.6	-	17.7	17.4	14.4	14.3	-
3555	Printing trades machinery	38.7	38.7	38.0	37.9	-	24.4	24.3	22.7	22.3	-
356	General industrial machinery	323.3	320.5	272.5	268.7	-	213.3	207.1	167.4	165.6	-
3561	Pumps and pumping equipment	63.6	63.1	55.0	54.0	-	37.9	37.1	30.7	30.5	-
3562	Ball and roller bearings	55.9	55.3	44.5	43.7	-	43.0	42.4	32.6	32.7	-
3563	Air and gas compressors	31.9	31.7	28.2	27.8	-	18.8	18.5	15.7	15.1	-
3564	Blowers and fans	39.8	39.6	36.7	36.1	-	25.0	24.9	22.4	22.1	-
3566	Speed changers, drives, and gears	27.8	27.6	20.8	19.5	-	18.5	18.2	13.3	12.4	-
3568	Power transmission equipment, nec	23.4	23.0	17.8	17.9	-	16.6	16.3	11.7	11.9	-
357	Office and computing machines	472.8	475.0	492.3	492.6	-	189.3	191.3	190.9	191.8	-
3573	Electronic computing equipment	397.9	400.9	425.3	425.4	-	149.5	151.9	157.4	157.6	-
358	Refrigeration and service machinery	178.3	176.6	156.6	157.0	-	125.5	123.9	102.9	106.7	-
3585	Refrigeration and heating equipment	122.5	120.9	101.8	103.9	-	87.1	85.7	68.4	71.6	-
359	Misc. machinery, except electrical	297.8	295.9	259.9	260.5	-	229.1	227.1	192.7	193.5	-
3592	Carburetors, pistons, rings, valves	39.2	38.2	34.4	34.9	-	31.6	30.6	26.4	26.9	-
3599	Machinery, except electrical, nec	258.6	257.7	225.5	225.6	-	197.5	196.5	166.3	166.6	-
35	**ELECTRIC AND ELECTRONIC EQUIPMENT**	2,120.3	2,113.3	1,998.6	1,999.7	1,984.7	1,332.8	1,323.1	1,200.4	1,208.0	1,197.9
361	Electric distributing equipment	122.9	122.4	106.1	106.2	-	87.5	87.0	73.9	74.5	-
3612	Transformers	55.3	55.0	48.0	47.6	-	39.3	39.0	34.2	34.1	-
3613	Switchgear and switchboard apparatus	67.6	67.4	58.1	58.6	-	48.2	48.0	39.7	40.4	-
362	Electrical industrial apparatus	245.1	241.8	204.4	203.3	-	174.8	171.5	141.0	140.3	-
3621	Motors and generators	127.0	125.1	103.3	103.7	-	97.8	95.9	77.4	78.2	-
3622	Industrial controls	72.5	71.9	64.0	62.3	-	44.5	43.7	38.6	37.0	-
363	Household appliances	136.5	162.4	139.0	144.4	-	131.9	127.7	106.7	111.6	-
3632	Household refrigerators and freezers	34.9	32.5	28.1	28.1	-	28.6	26.1	22.2	22.0	-
3633	Household laundry equipment	22.1	21.5	17.3	19.7	-	17.1	16.6	12.2	14.7	-
3634	Electric housewares and fans	54.0	53.3	46.7	48.5	-	43.5	43.0	36.0	37.6	-
364	Electric lighting and wiring equipment	203.1	202.8	184.5	184.4	-	149.3	148.8	133.8	134.3	-
3641	Electric lamps	32.7	33.1	31.4	30.5	-	28.4	28.9	27.4	26.6	-
3643	Current-carrying wiring devices	84.3	83.5	77.1	76.3	-	57.0	56.1	50.9	50.2	-
3644	Noncurrent-carrying wiring devices	20.9	20.8	17.3	17.9	-	15.2	15.0	12.3	12.9	-
3645	Residential lighting fixtures	24.5	24.6	21.8	22.4	-	18.7	18.7	16.2	16.8	-
365	Radio and TV receiving equipment	111.6	110.3	92.6	93.4	-	79.9	78.5	62.8	64.2	-
3651	Radio and TV receiving sets	84.8	84.1	72.6	72.5	-	58.6	57.8	49.0	49.0	-
366	Communication equipment	553.1	554.7	555.8	554.4	-	247.5	248.6	256.9	256.6	-
3661	Telephone and telegraph apparatus	153.1	152.1	139.5	138.8	-	101.7	101.5	89.3	87.9	-
3662	Radio and TV communication equipment	400.0	402.6	415.9	415.6	-	165.8	167.1	167.6	168.7	-
367	Electronic components and accessories	565.9	567.6	575.5	569.9	-	332.5	332.1	325.3	323.2	-
3671,3	Electronic tubes	44.4	44.2	43.6	43.7	-	27.0	26.9	26.5	26.6	-
3674	Semiconductors and related devices	224.3	224.8	235.6	231.6	-	92.0	91.8	91.9	92.0	-
3679	Electronic components, nec	223.4	225.8	228.3	228.3	-	156.6	157.5	156.2	155.2	-
369	Misc. electrical equipment and supplies	151.8	151.3	141.1	143.7	-	109.5	108.9	100.0	103.3	-
3691	Storage batteries	30.6	30.9	28.3	29.6	-	24.1	24.3	21.9	23.1	-
3694	Engine electrical equipment	63.3	62.4	55.7	56.4	-	48.9	48.4	43.1	44.2	-
37	**TRANSPORTATION EQUIPMENT**	1,934.5	1,888.9	1,674.1	1,725.6	1,701.1	1,219.9	1,208.2	1,024.4	1,075.3	1,049.2
371	Motor vehicles and equipment	791.3	793.9	664.8	706.7	-	588.1	592.4	483.0	519.8	-
3711	Motor vehicles and car bodies	350.7	359.7	283.7	315.5	-	244.3	254.8	193.0	221.8	-
3713	Truck and bus bodies	37.4	36.9	29.2	31.7	-	29.3	29.0	21.2	24.0	-
3714	Motor vehicle parts and accessories	370.3	365.3	324.6	330.6	-	290.7	285.3	249.3	254.8	-
3715	Truck trailers	27.5	27.0	23.0	21.5	-	21.1	20.6	16.4	15.1	-
372	Aircraft and parts	647.3	640.1	595.0	632.5	-	344.3	337.8	294.2	302.9	-
3721	Aircraft	344.3	341.1	316.7	317.7	-	168.3	164.7	139.2	142.2	-
3724	Aircraft engines and engine parts	152.8	159.3	145.2	150.2	-	93.0	91.3	80.7	88.3	-
3728	Aircraft equipment, nec	140.2	139.7	133.1	134.6	-	83.0	81.8	74.3	76.4	-
373	Ship and boat building and repairing	231.2	223.8	200.0	204.0	-	176.7	170.1	152.3	156.0	-
3731	Ship building and repairing	186.6	179.8	165.1	158.2	-	139.6	133.6	124.3	126.9	-
3732	Boat building and repairing	44.5	44.0	34.9	35.8	-	37.1	36.5	28.0	29.1	-
374	Railroad equipment	53.9	56.8	36.1	35.2	-	36.6	34.0	22.2	21.9	-
376	Guided missiles, space vehicles, parts	123.3	124.5	126.1	128.7	-	36.7	37.0	38.8	40.2	-
3761	Guided missiles and space vehicles	97.1	97.6	101.6	101.8	-	26.8	26.9	29.3	30.5	-

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry – Continued

[In thousands]

1972 SIC Code	Industry	All employees					Production workers[1]				
		Sept. 1981	Oct. 1981	Aug. 1982	Sept. 1982P	Oct. 1982P	Sept. 1981	Oct. 1981	Aug. 1982	Sept. 1982P	Oct. 1982P
	TRANSPORTATION EQUIPMENT—Continued										
379	Miscellaneous transportation equipment	38.9	38.0	38.2	39.8	–	24.9	24.4	25.7	27.2	–
3792	Travel trailers and campers	17.7	17.2	17.4	16.8	–	13.7	13.3	13.3	12.8	–
38	**INSTRUMENTS AND RELATED PRODUCTS**	732.6	729.6	703.0	699.5	693.9	429.8	426.7	401.8	398.6	393.3
381	Engineering and scientific instruments	78.4	78.5	75.0	74.2	–	37.5	37.6	34.3	34.1	–
382	Measuring and controlling devices	262.1	259.9	241.8	241.1	–	163.9	161.9	145.5	144.9	–
3822	Environmental controls	48.6	47.6	41.8	42.0	–	32.3	31.4	27.2	27.1	–
3823	Process control instruments	62.1	62.1	56.5	55.2	–	32.8	32.5	28.5	27.6	–
3825	Instruments to measure electricity	104.9	104.3	103.9	102.8	–	66.1	66.1	63.1	62.3	–
383	Optical instruments and lenses	33.3	33.1	32.0	32.1	–	18.8	18.6	17.3	17.3	–
384	Medical instruments and supplies	160.9	161.3	160.3	160.2	–	100.5	100.5	97.6	97.9	–
3841	Surgical and medical instruments	75.9	76.1	78.4	78.2	–	45.2	45.6	48.9	45.2	–
3842	Surgical appliances and supplies	68.8	69.1	66.6	67.1	–	45.3	45.0	43.6	43.8	–
385	Ophthalmic goods	39.7	39.1	35.7	35.4	–	28.2	27.5	24.8	24.1	–
386	Photographic equipment and supplies	137.5	137.3	140.1	137.8	–	65.7	65.6	69.5	67.1	–
387	Watches, clocks, and watchcases	20.7	20.4	18.1	18.7	–	15.3	15.0	12.8	13.2	–
39	**MISCELLANEOUS MANUFACTURING INDUSTRIES**	423.8	425.0	388.3	392.0	393.5	316.0	316.0	281.4	285.1	288.4
391	Jewelry, silverware, and plated ware	58.7	60.3	58.1	59.6	–	42.2	43.4	41.3	42.3	–
3911	Jewelry, precious metal	38.4	39.5	37.1	38.3	–	27.1	28.0	26.3	27.1	–
393	Musical instruments	21.1	21.7	19.0	19.3	–	17.0	17.4	14.9	15.1	–
394	Toys and sporting goods	124.4	123.8	108.5	108.9	–	95.3	94.7	80.4	80.5	–
3942, 4	Dolls, games, toys, and children's vehicles	66.9	65.9	56.1	56.2	–	53.5	49.5	40.5	40.3	–
3949	Sporting and athletic goods, nec	57.5	57.9	52.4	52.7	–	44.8	45.2	39.9	40.2	–
395	Pens, pencils, office and art supplies	37.8	37.7	34.2	33.9	–	27.1	26.8	23.5	23.2	–
396	Costume jewelry and notions	46.6	47.0	41.2	41.8	–	35.7	36.1	31.3	32.1	–
3961	Costume jewelry	24.0	24.9	22.2	22.9	–	18.7	19.4	17.4	18.1	–
399	Miscellaneous manufactures	135.2	134.5	127.3	128.8	–	98.7	97.6	90.0	91.9	–
3993	Signs and advertising displays	47.3	47.3	45.8	46.0	–	34.2	34.3	32.5	32.7	–
	NONDURABLE GOODS										
20	**FOOD AND KINDRED PRODUCTS**	1,763.2	1,719.4	1,727.3	1,735.7	1,690.7	1,238.6	1,197.6	1,205.8	1,218.4	1,179.5
201	Meat products	356.2	353.9	342.3	342.7	–	298.0	296.0	285.9	286.1	–
2011	Meat packing plants	155.9	156.2	143.3	144.5	–	128.4	126.7	117.3	118.5	–
2013	Sausages and other prepared meats	70.5	69.7	69.8	68.9	–	52.7	52.0	52.0	50.9	–
2016	Poultry dressing plants	116.7	116.1	115.2	115.5	–	105.7	105.3	104.3	104.5	–
202	Dairy products	170.3	168.4	171.9	168.3	–	94.9	93.0	97.3	94.9	–
2022	Cheese, natural and processed	35.6	34.7	35.6	35.3	–	27.3	26.5	26.9	26.8	–
2026	Fluid milk	96.6	95.6	99.5	93.2	–	43.3	42.8	43.0	42.5	–
203	Preserved fruits and vegetables	314.2	266.1	301.4	310.0	–	270.9	224.2	259.1	267.3	–
2032	Canned specialties	27.6	26.3	26.5	27.7	–	21.4	20.2	20.0	20.9	–
2033	Canned fruits and vegetables	147.8	103.3	142.2	143.6	–	131.7	88.2	125.3	126.9	–
2037	Frozen fruits and vegetables	56.0	55.0	54.3	69.4	–	49.4	48.0	47.8	54.2	–
204	Grain mill products	140.8	140.8	137.7	137.0	–	97.7	97.2	93.1	93.5	–
2041	Flour and other grain mill products	26.5	26.5	26.7	26.7	–	16.3	16.2	16.0	16.5	–
2048	Prepared feeds, nec	53.5	53.6	52.3	52.0	–	35.1	35.0	33.5	33.1	–
205	Bakery products	220.9	219.5	218.8	218.5	–	129.5	128.1	128.2	128.5	–
2051	Bread, cake, and related products	178.3	176.8	176.9	175.9	–	95.2	93.8	94.9	94.1	–
2052	Cookies and crackers	42.6	42.7	41.9	42.7	–	34.3	34.3	33.3	34.4	–
206	Sugar and confectionery products	107.6	122.9	102.8	108.6	–	82.0	97.2	78.8	84.4	–
2061-3	Cane and beet sugar	28.5	40.8	26.8	29.3	–	20.3	32.4	19.9	22.1	–
2065	Confectionery products	58.7	62.1	54.8	57.9	–	47.8	51.2	44.5	47.5	–
207	Fats and oils	42.2	44.2	41.5	42.2	–	31.3	33.3	30.7	31.3	–
208	Beverages	237.7	233.8	236.7	235.2	–	104.3	101.2	101.5	101.6	–
2082	Malt beverages	50.1	48.7	48.0	47.5	–	31.6	30.8	30.5	30.2	–
2086	Bottled and canned soft drinks	139.2	137.1	143.9	140.7	–	45.8	44.4	47.5	46.0	–
209	Misc. foods and kindred products	172.8	169.8	174.2	173.2	–	130.0	127.4	131.2	130.6	–
21	**TOBACCO MANUFACTURES**	75.7	75.0	68.2	68.4	68.4	59.1	59.6	54.0	54.2	53.9
211	Cigarettes	47.1	46.6	44.9	44.3	–	35.7	35.3	34.3	33.9	–
22	**TEXTILE MILL PRODUCTS**	831.9	816.4	737.4	739.7	738.2	721.5	706.0	630.7	634.5	634.2
221	Weaving mills, cotton	140.3	139.0	118.9	119.6	–	124.9	123.6	104.2	105.1	–
222	Weaving mills, synthetics[2]	112.4	108.5	94.3	95.2	–	101.0	97.1	83.3	84.8	–
223	Weaving and finishing mills, wool	18.7	18.5	15.8	15.8	–	15.6	15.5	13.0	13.1	–
224	Narrow fabric mills	24.4	24.1	22.5	22.2	–	21.6	21.3	19.4	19.2	–
225	Knitting mills	221.4	217.4	205.5	206.5	–	191.9	187.9	177.8	178.7	–
2251	Women's hosiery, except socks	31.9	31.9	31.2	31.1	–	28.6	28.6	27.9	27.9	–
2252	Hosiery, nec	33.2	33.2	31.4	31.2	–	30.3	30.2	28.5	28.2	–
2253	Knit outerwear mills	75.0	73.9	71.6	71.9	–	64.0	62.6	61.6	61.9	–
2254	Knit underwear mills	30.0	29.6	27.9	28.2	–	25.9	25.6	23.5	23.8	–

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry — Continued

(In thousands)

1972 SIC Code	Industry	All employees					Production workers[1]				
		Sept. 1981	Oct. 1981	Aug. 1982	Sept. 1982P	Oct. 1982P	Sept. 1981	Oct. 1981	Aug. 1982	Sept. 1982P	Oct. 1982P
	TEXTILE MILL PRODUCTS—Continued										
2257	Circular knit fabric mills	29.5	27.9	24.3	24.8	-	24.9	23.5	20.3	20.8	-
226	Textile finishing, except wool	70.9	70.6	64.8	64.2	-	59.3	59.0	53.2	52.7	-
2261	Finishing plants, cotton	29.4	29.8	27.1	26.6	-	24.2	24.6	21.9	21.6	-
2262	Finishing plants, synthetics	27.2	26.8	24.2	23.9	-	22.8	22.4	20.1	19.8	-
227	Floor covering mills	53.5	52.5	47.3	47.4	-	43.1	42.1	36.9	37.2	-
228	Yarn and thread mills	123.2	119.7	109.4	113.0	-	111.2	107.5	97.0	97.8	-
2281	Yarn mills, except wool	83.2	80.5	75.7	75.9	-	76.3	73.4	68.3	68.4	-
2282	Throwing and winding mills	20.4	19.9	17.7	17.9	-	18.1	17.6	15.5	15.7	-
229	Miscellaneous textile goods	67.1	66.1	58.9	58.8	-	52.9	52.0	45.9	45.8	-
23	**APPAREL AND OTHER TEXTILE PRODUCTS**	1,270.5	1,257.9	1,151.6	1,161.1	1,154.8	1,083.0	1,071.1	973.3	983.1	975.4
231	Men's and boys' suits and coats	77.9	77.7	73.2	74.3	-	68.0	67.8	64.1	65.1	-
232	Men's and boys' furnishings	354.6	351.3	323.7	324.9	-	332.5	299.8	274.8	275.9	-
2321	Men's and boys' shirts and nightwear	99.7	99.4	90.7	93.6	-	85.9	85.7	77.4	77.4	-
2327	Men's and boys' separate trousers	70.0	71.2	66.9	66.2	-	61.8	62.1	58.0	57.5	-
2328	Men's and boys' work clothing	103.0	100.3	93.3	95.0	-	85.1	82.8	77.5	79.0	-
233	Women's and misses' outerwear	406.3	409.5	373.2	375.1	-	358.8	352.1	318.2	319.8	-
2331	Women's and misses' blouses and waists	62.9	62.9	60.4	59.9	-	54.6	54.7	51.9	51.5	-
2335	Women's and misses' dresses	139.9	136.1	125.4	127.5	-	123.4	119.7	109.0	110.7	-
2337	Women's and misses' suits and coats	67.0	62.8	56.0	55.6	-	57.6	53.7	47.4	47.2	-
2339	Women's and misses' outerwear, nec	146.5	147.7	131.4	132.1	-	123.2	124.0	109.9	110.4	-
234	Women's and children's undergarments	93.1	93.2	84.5	86.0	-	79.5	79.5	71.5	73.0	-
2341	Women's and children's underwear	74.5	74.7	69.5	71.3	-	65.3	65.1	60.3	61.6	-
2342	Brassieres and allied garments	18.6	18.5	15.0	15.0	-	14.5	14.4	11.2	11.4	-
238	Children's outerwear	64.4	63.9	59.3	59.2	-	54.5	53.8	50.1	50.1	-
2361	Children's dresses and blouses	27.2	27.5	25.7	25.5	-	24.2	24.3	22.9	22.8	-
239	Misc. apparel and accessories	59.3	56.8	52.4	52.0	-	50.1	48.9	43.8	43.6	-
2391	Misc. fabricated textile products	181.4	180.5	163.7	167.9	-	149.3	148.3	132.7	137.6	-
2392	Curtains and draperies	28.2	28.5	25.2	25.8	-	23.6	23.8	20.5	21.1	-
2396	House furnishings, nec	51.2	51.6	46.9	47.8	-	42.9	42.4	38.9	40.0	-
	Automotive and apparel trimmings	31.4	31.0	26.9	28.3	-	26.2	25.8	21.2	23.2	-
26	**PAPER AND ALLIED PRODUCTS**	697.1	686.4	657.7	658.7	649.6	527.0	516.0	490.3	493.6	485.2
261, 2621	Paper and pulp mills	206.1	201.4	196.6	195.3	-	155.7	151.2	147.5	147.3	-
262	Paper mills, except building paper	177.4	173.7	170.1	169.0	-	132.7	129.1	126.3	126.4	-
263	Paperboard mills	63.6	62.7	59.1	60.3	-	50.3	49.3	45.6	46.9	-
264	Misc. converted paper products	222.9	220.4	212.3	212.2	-	169.2	161.4	153.7	153.9	-
2641	Paper coating and glazing	55.9	55.7	55.3	54.8	-	38.2	35.7	34.9	34.6	-
2642	Envelopes	25.4	25.4	24.5	24.7	-	19.8	19.8	18.8	19.0	-
2643	Bags, except textile bags	53.6	53.4	47.8	48.7	-	39.5	39.2	37.0	38.0	-
265	Paperboard containers and boxes	204.5	201.9	189.7	191.2	-	156.8	154.1	143.5	145.5	-
2651	Folding paperboard boxes	44.3	43.2	41.5	42.0	-	34.4	33.6	32.2	32.8	-
2653	Corrugated and solid fiber boxes	134.5	133.6	96.3	97.4	-	77.4	76.4	70.6	72.0	-
2654	Sanitary food containers	24.9	24.6	24.3	24.0	-	20.2	19.9	19.4	19.1	-
27	**PRINTING AND PUBLISHING**	1,270.3	1,274.5	1,268.4	1,264.7	1,263.8	699.3	700.5	690.3	692.6	692.0
271	Newspapers	422.6	425.6	423.5	423.3	-	161.4	162.5	160.3	160.4	-
272	Periodicals	97.4	98.1	100.9	100.3	-	19.1	19.8	21.6	21.7	-
273	Books	97.3	97.2	97.3	95.0	-	48.0	47.7	49.2	46.9	-
2731	Book publishing	68.8	69.0	68.5	67.4	-	24.8	24.9	26.0	24.9	-
2732	Book printing	28.5	28.2	28.8	27.6	-	23.2	22.8	23.2	22.0	-
274	Miscellaneous publishing	47.2	47.7	48.7	48.3	-	25.3	24.9	24.6	24.4	-
275	Commercial printing	421.2	422.1	411.5	415.5	-	339.9	340.1	301.4	305.1	-
2751	Commercial printing, letterpress	156.7	157.0	149.9	151.3	-	116.2	115.9	110.3	112.5	-
2752	Commercial printing, lithographic	242.0	242.4	240.2	241.7	-	175.4	176.3	173.4	175.0	-
276	Manifold business forms	49.4	49.5	48.7	49.8	-	34.4	34.5	34.0	34.3	-
278	Blankbooks and bookbinding	64.3	63.3	62.9	62.7	-	52.2	51.7	51.2	51.1	-
279	Printing trade services	44.5	45.0	44.6	45.0	-	32.8	33.1	32.8	33.4	-
28	**CHEMICALS AND ALLIED PRODUCTS**	1,110.1	1,104.4	1,074.6	1,066.2	1,057.7	629.8	623.3	595.0	592.8	587.7
281	Industrial inorganic chemicals	159.2	158.6	153.4	151.6	-	87.9	86.4	80.4	80.3	-
2819	Industrial inorganic chemicals, nec	105.4	104.1	100.8	100.1	-	57.5	56.5	52.7	53.5	-
282	Plastics materials and synthetics	195.1	192.6	180.6	179.7	-	129.2	126.3	116.3	116.1	-
2821	Plastics materials and resins	79.0	78.1	73.9	73.0	-	46.8	45.9	43.2	42.7	-
2824	Organic fibers, noncellulosic	82.6	81.7	75.8	75.9	-	58.2	57.2	52.4	52.9	-
283	Drugs	199.9	200.3	201.1	198.9	-	100.2	99.9	98.1	96.6	-
2834	Pharmaceutical preparations	158.3	158.3	158.4	156.6	-	77.6	77.5	76.0	74.6	-
284	Soap, cleaners, and toilet goods	147.2	146.6	143.1	148.1	-	93.1	92.5	93.8	94.3	-
2841	Soap and other detergents	44.5	44.1	45.5	45.2	-	29.4	29.2	29.7	29.7	-
2844	Toilet preparations	63.5	63.2	64.2	63.5	-	42.5	42.1	42.6	43.1	-
2842, 3	Polishing, sanitation, and finishing preparations	39.2	39.3	39.4	39.4	-	21.2	21.2	21.5	21.5	-
285	Paints and allied products	63.3	63.1	60.6	59.7	-	31.2	33.9	29.6	29.0	-
286	Industrial organic chemicals	179.7	179.2	174.9	173.1	-	90.2	89.0	87.6	87.2	-

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry – Continued

(In thousands)

1972 SIC Code	Industry	All employees					Production workers[1]				
		Sept. 1981	Oct. 1981	Aug. 1982	Sept. 1982P	Oct. 1982P	Sept. 1981	Oct. 1981	Aug. 1982	Sept. 1982P	Oct. 1982P
	CHEMICALS AND ALLIED PRODUCTS—Cont'd										
2865	Cyclic crudes and intermediates	38.0	37.8	35.5	35.6	-	23.5	23.4	21.7	21.9	-
2861,9	Gum, wood, and industrial organic chemicals, nec	141.7	141.4	138.6	137.5	-	66.7	66.4	65.9	65.4	-
287	Agricultural chemicals	59.5	59.7	64.5	64.0	-	43.0	43.3	38.3	38.0	-
289	Miscellaneous chemical products	95.2	94.3	91.2	91.1	-	55.0	54.2	50.9	51.1	-
29	PETROLEUM AND COAL PRODUCTS	219.3	216.8	209.4	211.2	210.8	135.8	134.5	125.9	127.7	128.6
291	Petroleum refining	175.3	175.0	168.2	170.3	-	105.2	104.7	96.1	98.5	-
295	Paving and roofing materials	30.5	29.6	29.4	29.2	-	23.1	22.4	22.5	22.2	-
30	RUBBER AND MISC. PLASTICS PRODUCTS	752.9	748.0	696.7	701.0	698.3	588.2	582.1	533.8	539.1	538.0
301	Tires and inner tubes	107.4	106.6	99.3	101.2	-	74.4	73.9	70.5	72.4	-
302	Rubber and plastics footwear	22.6	20.5	21.0	21.0	-	19.9	17.9	18.1	18.3	-
303,4	Reclaimed rubber, and rubber and plastics hose and belting	24.6	24.0	19.4	20.2	-	17.4	17.0	13.4	14.0	-
306	Fabricated rubber products, nec	107.7	105.7	95.0	95.3	-	84.3	82.5	72.0	72.7	-
307	Miscellaneous plastics products	490.6	483.2	462.0	463.3	-	388.2	380.8	359.8	361.7	-
31	LEATHER AND LEATHER PRODUCTS	237.4	235.8	211.6	209.1	206.0	201.6	200.8	177.4	175.0	172.2
311	Leather tanning and finishing	21.5	21.1	18.4	18.1	-	18.3	17.8	15.1	14.9	-
314	Footwear, except rubber	143.7	142.5	130.3	129.3	-	124.3	123.4	111.5	110.2	-
3143	Men's footwear, except athletic	58.9	58.3	50.5	50.4	-	50.5	50.2	41.8	41.4	-
3144	Women's footwear, except athletic	51.6	51.4	49.8	49.1	-	44.7	44.4	43.8	43.2	-
316	Luggage	15.3	14.3	12.9	12.3	-	11.6	11.1	9.4	8.9	-
317	Handbags and personal leather goods	31.2	31.9	27.1	26.7	-	25.6	26.2	22.2	21.9	-
	TRANSPORTATION AND PUBLIC UTILITIES	5,227	5,208	5,035	5,077	5,067	4,338	4,318	4,150	4,197	4,184
40	RAILROAD TRANSPORTATION	497.0	493.2	429.7	425.2	-	-	-	-	-	-
4011	Class I railroads[2]	457.9	454.1	395.8	391.6	-	-	-	-	-	-
41	LOCAL AND INTERURBAN PASSENGER TRANSIT	285.4	289.8	228.9	297.1	-	265.9	269.7	210.6	278.2	-
411	Local and suburban transportation	83.2	82.8	84.4	85.7	-	76.0	75.3	78.0	78.7	-
412	Taxicabs	46.2	46.3	43.7	43.4	-	-	-	-	-	-
413	Intercity highway transportation	39.7	37.7	38.7	38.2	-	36.2	34.5	35.6	35.2	-
415	School buses	97.6	103.9	44.5	111.2	-	-	-	-	-	-
42	TRUCKING AND WAREHOUSING	1,273.9	1,266.0	1,213.8	1,217.4	-	1,112.2	1,106.2	1,055.0	1,059.2	-
421,3	Trucking and trucking terminals	1,185.1	1,175.5	1,129.6	1,131.9	-	1,037.3	1,027.6	984.5	987.5	-
422	Public warehousing	88.7	92.5	84.2	85.5	-	74.9	78.6	70.5	71.7	-
44	WATER TRANSPORTATION	222.9	214.5	190.2	194.9	-	-	-	-	-	-
45	TRANSPORTATION BY AIR	456.5	451.3	444.5	442.5	-	-	-	-	-	-
451,2	Air transportation	404.8	399.9	393.6	390.7	-	-	-	-	-	-
46	PIPE LINES, EXCEPT NATURAL GAS	22.1	22.0	22.8	22.3	-	15.5	15.2	15.7	15.4	-
47	TRANSPORTATION SERVICES	220.3	219.5	226.2	222.9	-	-	-	-	-	-
48	COMMUNICATION	1,391.3	1,393.8	1,395.7	1,383.4	-	1,039.2	1,039.3	1,058.1	1,050.0	-
481	Telephone communication	1,077.7	1,078.9	1,066.8	1,052.4	-	782.9	781.5	786.2	776.8	-
483	Radio and television broadcasting	208.7	209.5	217.7	218.4	-	166.6	170.0	177.7	178.0	-
49	ELECTRIC, GAS, AND SANITARY SERVICES	857.6	855.7	883.3	871.3	-	701.7	699.8	714.6	702.2	-
491	Electric services	607.2	606.7	620.9	617.2	-	329.3	328.5	335.5	331.3	-
492	Gas production and distribution	175.9	174.7	183.8	179.3	-	143.2	141.7	148.5	143.8	-
493	Combination utility services	199.7	199.5	200.5	197.2	-	164.8	165.0	164.0	160.5	-
496	Sanitary services	51.3	51.5	54.3	54.3	-	45.9	45.4	47.1	47.6	-
	WHOLESALE AND RETAIL TRADE	20,731	20,731	20,566	20,561	20,520	16,125	16,138	17,954	17,949	17,919
50,51	WHOLESALE TRADE	5,388	5,400	5,294	5,271	5,270	4,383	4,392	4,273	4,253	4,253
50	WHOLESALE TRADE : DURABLE GOODS	3,187	3,194	3,116	3,098	-	2,583	2,588	2,499	2,481	-
501	Motor vehicles and automotive equipment	414.5	414.8	415.0	412.9	-	334.9	335.3	334.0	332.0	-
502	Furniture and home furnishing	117.9	118.9	116.9	117.5	-	96.2	97.2	96.2	96.8	-
503	Lumber and construction materials	190.7	188.4	183.1	182.9	-	156.8	155.0	149.4	149.4	-
504	Sporting goods, toys, and hobby goods	71.8	71.8	71.8	72.6	-	57.1	57.4	58.0	59.0	-
505	Metals and minerals, except petroleum	153.2	152.6	136.1	134.9	-	123.1	122.4	107.6	106.5	-
506	Electrical goods	435.1	436.7	434.5	432.1	-	349.5	351.2	347.1	344.7	-
507	Hardware, plumbing, and heating equipment	243.9	243.4	236.1	235.7	-	198.3	198.0	190.4	189.6	-

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry—Continued

(In thousands)

1972 SIC Code	Industry	All employees					Production workers[1]				
		Sept. 1981	Oct. 1981	Aug. 1982	Sept. 1982P	Oct. 1982P	Sept. 1981	Oct. 1981	Aug. 1982	Sept. 1982P	Oct. 1982P
	WHOLESALE TRADE DURABLE GOODS—Continued										
508	Machinery, equipment, and supplies	1,353.3	1,363.3	1,346.4	1,333.9	-	1,092.5	1,099.1	1,070.0	1,057.5	-
509	Miscellaneous durable goods	206.4	204.0	175.8	175.5	-	174.6	171.9	145.4	145.0	-
51	WHOLESALE TRADE NONDURABLE GOODS	2,201	2,206	2,178	2,173	-	1,797	1,804	1,774	1,772	-
511	Paper and paper products	154.7	155.7	158.4	157.5	-	125.2	125.7	127.6	127.1	-
512	Drugs, proprietaries, and sundries	150.2	151.4	154.4	153.3	-	126.8	124.0	130.2	129.4	-
513	Apparel, piece goods, and notions	169.9	164.3	170.3	170.0	-	132.9	133.1	133.0	132.6	-
514	Groceries and related products	670.7	667.2	653.7	652.3	-	576.9	573.7	561.0	559.9	-
516	Chemicals and allied products	133.9	133.5	137.0	136.3	-	96.3	96.2	97.5	96.7	-
517	Petroleum and petroleum products	233.8	233.2	232.1	229.3	-	175.6	175.5	173.9	171.4	-
518	Beer, wine, and distilled beverages	143.7	141.1	147.0	145.4	-	120.4	118.1	122.6	121.0	-
519	Miscellaneous nondurable goods	397.3	399.5	396.2	396.5	-	322.1	321.9	323.2	323.5	-
52-59	RETAIL TRADE	15,343	15,331	15,272	15,290	15,250	13,745	13,746	13,681	13,696	13,666
52	BUILDING MATERIALS AND GARDEN SUPPLIES	608.9	607.6	594.3	590.5	-	513.2	511.7	500.8	496.7	-
521	Lumber and other building materials	320.2	317.6	311.7	309.5	-	271.3	268.7	263.7	261.2	-
525	Hardware stores	149.9	149.6	147.5	145.6	-	127.4	127.3	126.1	124.1	-
53	GENERAL MERCHANDISE STORES	2,222.7	2,262.2	2,196.9	2,218.7	-	2,017.3	2,061.6	2,035.7	2,058.1	-
531	Department stores	1,863.0	1,900.9	1,843.8	1,865.9	-	1,692.8	1,735.9	1,717.6	1,739.9	-
533	Variety stores	231.3	232.3	219.8	220.6	-	214.4	215.5	202.5	203.5	-
539	Misc. general merchandise stores	128.4	129.0	133.3	132.2	-	110.1	110.2	115.6	114.7	-
54	FOOD STORES	2,448.6	2,447.3	2,464.2	2,470.2	-	2,272.2	2,270.9	2,283.2	2,290.7	-
541	Grocery stores	2,149.0	2,148.0	2,164.1	2,171.5	-	2,003.4	2,003.0	2,011.8	2,020.3	-
542	Meat markets and freezer provisioners	55.0	54.8	55.6	55.6	-	-	-	-	-	-
546	Retail bakeries	127.4	127.9	126.7	125.5	-	117.3	117.9	116.1	116.1	-
55	AUTOMOTIVE DEALERS AND SERVICE STATIONS	1,657.2	1,652.9	1,652.9	1,644.8	-	1,406.2	1,402.0	1,394.9	1,385.6	-
551,2	New and used car dealers	749.9	747.5	737.0	736.5	-	614.6	611.5	605.0	603.9	-
553	Auto and home supply stores	270.4	272.1	277.2	276.6	-	234.3	236.9	238.8	237.9	-
554	Gasoline service stations	558.3	556.5	558.3	550.9	-	489.8	487.7	483.0	479.7	-
56	APPAREL AND ACCESSORY STORES	958.5	966.4	955.4	959.5	-	819.6	826.2	811.1	810.0	-
561	Men's and boys' clothing and furnishings	126.0	128.0	123.5	124.2	-	106.9	108.9	104.3	104.7	-
562	Women's ready-to-wear stores	345.3	351.3	344.7	344.1	-	299.3	304.7	295.4	295.3	-
565	Family clothing stores	177.9	177.7	178.3	176.6	-	155.8	155.5	155.5	153.8	-
566	Shoe stores	206.9	203.6	210.0	209.1	-	169.9	166.5	170.7	168.9	-
57	FURNITURE AND HOME FURNISHINGS STORES	597.7	603.8	587.5	588.9	-	493.1	498.9	484.0	485.4	-
571	Furniture and home furnishings stores	371.9	373.8	360.0	359.7	-	307.9	309.6	297.0	296.7	-
572	Household appliance stores	78.7	80.6	81.8	81.5	-	66.9	68.5	69.6	69.4	-
573	Radio, television, and music stores	147.1	149.4	145.7	147.7	-	118.3	120.8	117.4	119.3	-
58	EATING AND DRINKING PLACES	4,891.9	4,792.0	4,864.7	4,847.5	-	4,512.5	4,420.5	4,472.1	4,454.3	-
59	MISCELLANEOUS RETAIL	1,961.7	1,998.3	1,954.8	1,973.0	-	1,711.3	1,749.9	1,698.7	1,715.1	-
591	Drug stores and proprietary stores	497.9	503.6	494.7	495.0	-	449.6	454.1	442.4	441.8	-
592	Liquor stores	133.3	136.6	134.2	134.5	-	-	-	-	-	-
594	Miscellaneous shopping goods stores	627.0	634.9	632.2	642.5	-	536.8	547.2	539.2	549.3	-
596	Nonstore retailers	272.4	286.7	269.2	278.8	-	251.7	266.1	248.5	258.0	-
598	Fuel and ice dealers	100.3	103.8	100.1	100.3	-	83.0	86.5	82.5	82.5	-
599	Retail stores, nec	258.0	269.8	260.8	259.7	-	223.7	226.4	218.1	217.3	-
	FINANCE, INSURANCE, AND REAL ESTATE[2]	5,327	5,314	5,414	5,370	5,351	4,024	4,010	4,058	4,016	4,000
60	BANKING	1,632.3	1,633.0	1,662.9	1,647.1	-	1,245.9	1,245.9	1,245.3	1,231.7	-
602	Commercial and stock savings banks	1,487.2	1,487.9	1,515.8	1,501.5	-	1,129.4	1,129.2	1,127.7	1,115.7	-
61	CREDIT AGENCIES OTHER THAN BANKS	582.0	582.4	587.8	585.5	-	443.7	441.7	443.9	441.3	-
612	Savings and loan associations	263.7	265.1	274.9	274.3	-	199.2	200.8	209.7	209.0	-
614	Personal credit institutions	201.3	200.4	193.0	192.4	-	155.4	154.9	147.4	146.3	-
62	SECURITY, COMMODITY BROKERS, AND SERVICES	267.6	268.2	280.7	278.0	-	-	-	-	-	-
621	Security brokers and dealers	221.0	221.8	233.9	231.7	-	-	-	-	-	-
63	INSURANCE CARRIERS	1,229.3	1,227.2	1,227.5	1,220.4	-	848.9	846.0	838.8	831.3	-
631	Life insurance	538.3	538.2	542.5	539.3	-	334.0	334.2	334.2	330.6	-

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry — Continued

[In thousands]

1972 SIC Code	Industry	All employees					Production workers[1]				
		Sept. 1981	Oct. 1981	Aug. 1982	Sept. 1982P	Oct. 1982P	Sept. 1981	Oct. 1981	Aug. 1982	Sept. 1982P	Oct. 1982P
	INSURANCE CARRIERS—Continued										
632	Medical service and health insurance	141.8	141.6	141.0	140.6	-	112.1	111.9	112.2	111.9	-
633	Fire, marine, and casualty insurance	474.7	473.8	472.7	469.0	-	344.3	342.5	337.7	333.9	-
64	INSURANCE AGENTS, BROKERS, AND SERVICE	466.5	469.0	477.7	476.5	-	-	-	-	-	-
65	REAL ESTATE	1,007.0	992.1	1,026.2	1,012.2	-	-	-	-	-	-
651	Real estate operators and lessors	475.9	471.0	496.5	490.9	-	-	-	-	-	-
653	Real estate agents and managers	380.1	373.9	383.7	379.6	-	-	-	-	-	-
655	Subdividers and developers	131.0	127.8	128.1	123.8	-	-	-	-	-	-
68	COMBINED REAL ESTATE, INSURANCE, ETC	19.3	19.2	19.2	19.1	-	-	-	-	-	-
67	HOLDING AND OTHER INVESTMENT OFFICES	122.7	122.4	131.9	130.9	-	-	-	-	-	-
-	SERVICES	18,740	18,824	19,162	19,114	19,168	16,663	16,748	17,003	16,953	16,981
70	HOTELS AND OTHER LODGING PLACES	1,153.8	1,106.7	1,209.1	1,118.7	-	-	-	-	-	-
701	Hotels, motels, and tourist courts	1,110.1	1,073.8	1,127.9	1,074.3	-	1,017.7	980.9	1,035.7	982.0	-
72	PERSONAL SERVICES	897.7	907.1	905.3	915.7	-	-	-	-	-	-
721	Laundry, cleaning, and garment services	350.4	352.8	347.6	348.3	-	312.9	315.2	309.5	310.5	-
723	Beauty shops	285.8	286.2	294.1	297.7	-	265.1	268.6	270.4	274.5	-
726	Funeral service and crematories	71.2	71.1	74.7	74.8	-	-	-	-	-	-
73	BUSINESS SERVICES	3,311.7	3,337.6	3,323.2	3,321.2	-	2,893.2	2,918.0	2,896.9	2,894.2	-
731	Advertising	154.9	155.3	158.8	159.8	-	118.9	119.4	122.2	122.4	-
732	Credit reporting and collection	75.9	75.8	75.6	75.7	-	-	-	-	-	-
733	Mailing, reproduction, stenographic	129.7	133.6	129.6	130.9	-	-	-	-	-	-
734	Services to buildings	523.0	522.6	541.3	535.5	-	474.7	474.7	493.6	487.0	-
736	Personnel supply services	625.4	625.1	560.5	566.9	-	-	-	-	-	-
737	Computer and data processing services	341.8	345.1	355.4	356.1	-	280.0	282.1	289.7	291.5	-
75	AUTO REPAIR, SERVICES, AND GARAGES	576.0	575.8	584.7	582.7	-	490.4	491.6	493.8	492.0	-
753	Automotive repair shops	357.6	356.3	366.0	363.3	-	302.1	301.5	305.6	303.4	-
76	MISCELLANEOUS REPAIR SERVICES	299.4	301.5	292.5	292.5	-	252.3	255.0	246.9	246.3	-
78	MOTION PICTURES	223.2	217.2	225.7	215.6	-	193.5	187.4	196.0	195.6	-
781	Motion picture production and services	81.1	85.2	78.5	77.7	-	66.3	69.7	63.9	62.8	-
783	Motion picture theaters	130.9	121.0	137.0	127.4	-	-	-	-	-	-
79	AMUSEMENT AND RECREATION SERVICES	826.7	750.7	967.3	901.0	-	751.6	676.7	884.5	816.5	-
80	HEALTH SERVICES	5,612.3	5,635.9	5,832.9	5,823.2	-	5,022.3	5,046.3	5,221.6	5,214.7	-
801	Offices of physicians	795.2	797.3	830.6	829.2	-	654.1	656.3	678.2	678.4	-
802	Offices of dentists	362.7	367.1	387.2	388.1	-	319.8	324.5	341.0	343.8	-
805	Nursing and personal care facilities	1,039.7	1,040.6	1,077.6	1,076.2	-	941.0	942.1	976.1	974.1	-
806	Hospitals	2,930.4	2,945.4	3,030.0	3,021.4	-	2,688.1	2,702.1	2,784.0	2,774.3	-
81	LEGAL SERVICES	536.7	541.2	578.2	571.9	-	457.1	460.4	489.3	483.5	-
82	EDUCATIONAL SERVICES	1,119.3	1,264.1	981.0	1,120.5	-	-	-	-	-	-
821	Elementary and secondary schools	237.7	312.3	264.8	293.0	-	-	-	-	-	-
822	Colleges and universities	706.6	830.2	597.7	707.7	-	-	-	-	-	-
83	SOCIAL SERVICES	1,144.8	1,148.8	1,184.1	1,196.0	-	-	-	-	-	-
86	MEMBERSHIP ORGANIZATIONS	1,511.8	1,526.5	1,529.5	1,524.4	-	-	-	-	-	-
89	MISCELLANEOUS SERVICES	1,048.4	1,048.8	1,066.8	1,056.7	-	870.7	868.5	869.9	859.3	-
891	Engineering and architectural services	574.2	572.6	575.0	566.3	-	483.7	479.0	472.5	464.3	-
893	Accounting, auditing, and bookkeeping	334.1	336.0	350.4	351.0	-	269.0	271.8	279.1	278.5	-
-	GOVERNMENT	15,529	16,000	14,877	15,328	15,802	-	-	-	-	-
-	FEDERAL GOVERNMENT	2,735	2,737	2,772	2,704	2,704	-	-	-	-	-
-	Executive, by agency[4]	2,680.8	2,683.3	2,720.0	2,648.9	-	-	-	-	-	-
-	Department of Defense	903.3	914.8	964.2	944.2	-	-	-	-	-	-
-	Postal Service	650.2	665.0	664.2	559.4	-	-	-	-	-	-
-	Other executive agencies	1,117.3	1,103.5	1,091.6	1,145.3	-	-	-	-	-	-
-	Legislative	38.5	38.4	36.6	39.1	-	-	-	-	-	-
-	Judicial	15.5	15.3	15.6	15.8	-	-	-	-	-	-

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls, by industry — Continued

(In thousands)

1972 SIC Code	Industry	All employees					Production workers				
		Sept. 1981	Oct. 1981	Aug. 1982	Sept. 1982[p]	Oct. 1982[p]	Sept. 1981	Oct. 1981	Aug. 1982	Sept. 1982[p]	Oct. 1982[p]
	FEDERAL GOVERNMENT—Continued										
	Federal government, by industry										
	Manufacturing activities	129.1	132.9	116.1	140.5						
3731	Shipbuilding and repairing	75.7	78.8	91.4	76.1						
	Transportation and public utilities, except Postal Service	42.4	42.9	42.4	41.1						
	Services	385.4	390.6	401.8	395.9						
8[x]	Federal government hospitals	231.0	233.2	237.4	234.5						
	STATE AND LOCAL GOVERNMENT	14,796	13,261	12,585	12,624	13,098					
	State government	5,588.8	4,699.7	4,355.4	4,493.6						
8[x]	State government hospitals	337.6	338.8	336.3	334.6						
82	State education	3,330.5	1,997.7	1,740.3	1,814.9						
	General administration, including executive, legislative, and judicial functions	1,887.8	1,788.3	1,855.4	1,863.2						
	Local government	9,248.9	8,561.8	8,229.6	8,133.0						
	Transportation and public utilities	581.0	579.2	567.1	585.5						
8[x]	Local government hospitals	829.1	831.6	858.6	848.7						
82	Local education	4,910.2	4,355.8	4,145.3	4,765.4						
	General administration, including executive, legislative, and judicial functions	2,798.0	2,746.1	2,885.9	2,803.0						

[p] Preliminary.

NOTE: Data from April 1981 forward are subject to revision when more recent benchmark data are introduced. See "Benchmark adjustment" in the Explanatory Notes of this publication.

B-3. Women employees on nonagricultural payrolls, by industry

(In thousands)

1972 SIC Code	Industry	July 1981	Aug. 1981	June 1982	July 1982	Aug. 1982
	TOTAL	38,163	38,411	38,358	38,407	38,533
	PRIVATE SECTOR	31,289	31,460	31,578	31,361	31,440
	MINING	134	137	141	138	139
10	METAL MINING	10.0	10.0	6.4	5.8	5.7
11, 12	COAL MINING	11.1	11.4	11.5	11.5	11.4
13	OIL AND GAS EXTRACTION	103.3	105.2	113.3	111.1	110.6
131, 2	Crude petroleum, natural gas, and natural gas liquids	66.0	66.7	71.1	71.6	72.1
138	Oil and gas field services	37.3	38.3	41.9	39.7	38.5
14	NONMETALLIC MINERALS, EXCEPT FUELS	10.3	10.2	9.7	9.7	9.8
142	Crushed and broken stone	2.8	2.8	2.9	2.7	2.8
144	Sand and gravel	3.1	3.2	3.1	3.2	3.2
	CONSTRUCTION	391	391	386	387	387
15	GENERAL BUILDING CONTRACTORS	130.8	131.1	121.9	122.7	122.2
152	Residential building construction	78.5	75.7	69.8	70.5	70.3
153	Operative builders	14.8	14.5	13.4	13.5	13.5
154	Nonresidential building construction	41.5	43.9	38.7	38.7	38.4
16	HEAVY CONSTRUCTION CONTRACTORS	67.5	67.2	66.5	66.6	67.9
161	Highway and street construction	19.4	19.2	15.4	16.1	16.5
162	Heavy construction, except highway	48.1	48.0	51.1	50.5	51.4
17	SPECIAL TRADE CONTRACTORS	192.8	192.5	197.2	198.1	197.3
171	Plumbing, heating, air conditioning	52.4	52.2	52.9	52.8	52.6
172	Painting, paper hanging, decorating	12.0	11.9	11.9	12.4	12.1
173	Electrical work	36.7	36.8	38.0	38.2	38.3
174	Masonry, stonework, and plastering	21.9	21.8	21.3	21.6	21.4
175	Carpentering and flooring	14.6	14.1	13.7	13.9	13.7
176	Roofing and sheet metal work	12.6	12.6	12.7	12.6	12.7
	MANUFACTURING	6,333	6,445	6,049	5,905	6,007
24, 25, 32, 39	DURABLE GOODS	3,046	3,251	2,880	2,822	2,813
20-23, 26, 31	NONDURABLE GOODS	3,287	3,194	3,169	3,084	3,194
	DURABLE GOODS					
24	LUMBER AND WOOD PRODUCTS	104.2	104.2	92.2	91.4	92.2
241	Logging camps and logging contractors	5.7	5.6	5.7	5.8	6.0
242	Sawmills and planing mills	20.2	20.3	17.7	17.9	18.3
2421	Sawmills and planing mills, general	14.5	14.5	12.4	12.4	12.6
243	Millwork, plywood, and structural members	41.5	41.3	35.7	35.3	35.5
244	Wood containers	7.0	6.9	6.9	6.7	6.6
245	Wood buildings and mobile homes	8.8	8.9	7.3	7.4	7.4
249	Miscellaneous wood products	21.0	21.2	18.9	19.4	18.7
25	FURNITURE AND FIXTURES	138.8	141.7	131.2	126.1	130.4
251	Household furniture	92.3	94.3	89.6	84.8	87.4
2511	Wood household furniture	41.1	41.7	37.7	36.3	38.1
2512	Upholstered household furniture	31.7	32.2	29.1	28.1	28.4
2515	Mattresses and bedsprings	8.6	8.7	7.8	7.4	7.4
252	Office furniture	13.7	14.3	13.7	13.4	13.7
253	Public building and related furniture	5.1	5.5	5.3	5.2	5.2
254	Partitions and fixtures	10.7	11.0	10.2	10.1	10.6
259	Miscellaneous furniture and fixtures	12.0	12.6	12.4	12.6	13.1
32	STONE, CLAY, AND GLASS PRODUCTS	127.3	128.3	116.7	115.6	114.7
322	Glass and glassware, pressed or blown	41.0	41.5	36.7	36.8	36.5
3221	Glass containers	23.4	23.6	21.8	21.7	21.8
3229	Pressed and blown glass, nec	17.6	17.9	14.9	15.1	14.7
323	Products of purchased glass	13.1	12.9	12.1	12.1	11.9
324	Cement, hydraulic	1.9	1.9	1.7	1.7	1.7
325	Structural clay products	6.4	6.5	5.7	5.6	5.6
326	Pottery and related products	14.7	15.2	13.5	13.2	13.5
327	Concrete, gypsum, and plaster products	15.3	15.2	14.9	14.8	14.7
329	Misc. nonmetallic mineral products	31.7	31.8	28.9	28.1	27.6
33	PRIMARY METAL INDUSTRIES	125.0	125.5	116.3	104.2	102.3
331	Blast furnace and basic steel products	42.6	42.6	38.9	35.0	34.2
3312	Blast furnaces and steel mills	32.2	31.8	29.3	27.4	27.0
332	Iron and steel foundries	18.0	17.6	15.9	15.6	14.7

B-3. Women employees on nonagricultural payrolls by industry – Continued

(In thousands)

1972 SIC Code	Industry	July 1981	Aug. 1981	June 1982	July 1982	Aug. 1982
	PRIMARY METAL INDUSTRIES — Continued					
3321	Gray iron foundries	8.7	8.8	7.0	6.9	6.8
3322	Malleable iron foundries	1.1	1.1	1.0	1.0	.9
3325	Steel foundries, nec	4.5	4.5	3.9	3.9	3.9
333	Primary nonferrous metals	5.2	5.2	4.3	4.2	4.1
3334	Primary aluminum	2.4	2.4	1.8	1.7	1.7
335	Nonferrous rolling and drawing	38.4	38.7	34.9	34.6	33.9
3351	Copper rolling and drawing	3.5	3.5	3.0	3.0	3.0
3353	Aluminum sheet, plate, and foil	4.1	4.1	3.2	3.2	3.1
3357	Nonferrous wire drawing and insulating	22.6	23.0	21.5	21.1	20.7
336	Nonferrous foundries	15.0	15.5	14.5	14.4	14.7
3361	Aluminum foundries	7.8	8.1	7.5	7.6	7.8
34	FABRICATED METAL PRODUCTS	337.8	338.0	307.5	298.7	300.7
341	Metal cans and shipping containers	12.9	12.8	12.0	11.6	11.7
3411	Metal cans	11.0	11.0	10.1	9.8	9.9
342	Cutlery, hand tools, and hardware	54.4	53.8	46.2	45.4	45.2
3423, 5	Hand and edge tools, and hand saws and blades	15.4	15.5	13.1	12.6	12.7
3429	Hardware, nec	32.4	31.5	27.1	26.7	26.3
343	Plumbing and heating, except electric	17.0	17.2	16.5	16.2	16.1
344	Fabricated structural metal products	73.9	73.6	67.8	67.6	67.4
3441	Fabricated structural metal	7.8	7.8	7.1	6.9	6.9
3442	Metal doors, sash, and trim	21.7	21.7	20.3	20.6	20.8
3443	Fabricated plate work (boiler shops)	19.0	18.8	17.1	17.1	16.9
3444	Sheet metal work	15.5	15.5	14.4	14.4	14.3
345	Screw machine products, bolts, etc.	23.0	23.5	21.0	20.5	20.2
3451	Screw machine products	11.5	11.3	10.5	10.2	10.0
3452	Bolts, nuts, rivets, and washers	12.1	12.2	10.5	10.3	10.2
346	Metal forgings and stampings	52.3	52.5	46.3	43.2	45.2
3462	Iron and steel forgings	4.3	4.3	3.9	3.3	3.4
3465	Automotive stampings	14.0	13.8	12.9	12.3	11.9
3469	Metal stampings, nec	31.9	32.1	27.6	25.3	27.6
347	Metal services, nec	24.1	24.1	22.6	20.8	21.6
3471	Plating and polishing	17.3	17.6	16.7	15.1	16.0
3479	Metal coating and allied services	6.8	6.5	5.9	5.7	5.6
348	Ordnance and accessories, nec	19.4	19.5	20.3	20.2	20.0
349	Misc. fabricated metal products	60.0	61.0	58.8	53.2	53.3
3494	Valves and pipe fittings	23.3	23.5	20.9	20.2	20.2
3496	Misc. fabricated wire products	13.9	14.4	13.7	13.1	13.4
35	MACHINERY, EXCEPT ELECTRICAL	509.6	511.2	492.7	480.7	473.1
351	Engines and turbines	23.5	23.9	20.6	20.0	20.7
3511	Turbines and turbine generator sets	6.5	6.5	6.4	6.3	6.2
3519	Internal combustion engines, nec	16.9	17.4	14.2	13.7	14.5
352	Farm and garden machinery	24.0	24.9	22.9	19.8	20.2
3523	Farm machinery and equipment	19.2	19.0	16.3	15.3	14.9
353	Construction and related machinery	53.5	53.8	49.2	47.1	45.2
3531	Construction machinery	15.4	15.4	13.9	12.9	12.4
3533	Oil field machinery	17.7	17.9	17.7	16.5	15.8
354	Metalworking machinery	56.6	59.0	51.1	49.1	48.1
3541	Machine tools, metal cutting types	10.7	13.6	8.5	8.1	8.0
3544	Special dies, tools, jigs, and fixtures	16.6	16.9	14.9	14.6	14.6
3545	Machine tool accessories	13.8	13.6	12.1	11.7	11.5
355	Special industry machinery	30.2	29.9	27.6	26.9	26.8
3551	Food products machinery	5.7	5.7	5.4	5.2	5.3
3552	Textile machinery	4.9	5.0	4.5	4.3	4.2
3555	Printing trades machinery	6.9	6.7	7.2	7.1	7.1
356	General industrial machinery	63.7	63.3	58.1	55.9	54.1
3561	Pumps and pumping equipment	11.5	11.7	10.5	10.4	10.1
3562	Ball and roller bearings	13.7	13.6	13.1	12.3	11.5
357	Office and computing machines	169.1	170.3	181.9	183.0	181.8
3573	Electronic computing equipment	142.3	143.7	155.0	157.0	156.7
358	Refrigeration and service machinery	38.0	37.0	35.0	34.1	32.5
3585	Refrigeration and heating equipment	25.1	24.9	23.2	22.6	21.3
359	Misc. machinery, except electrical	49.0	48.1	46.3	44.8	43.7
3599	Machinery, except electrical, nec	38.9	39.2	37.2	36.1	35.1
36	ELECTRIC AND ELECTRONIC EQUIPMENT	851.9	895.1	864.8	846.8	845.9
361	Electric distributing equipment	45.1	46.0	42.1	40.3	40.3
3612	Transformers	18.7	19.4	17.4	17.4	17.5
3613	Switchgear and switchboard apparatus	26.4	26.6	24.7	22.9	22.8
362	Electrical industrial apparatus	91.9	93.5	81.5	78.4	76.6
3621	Motors and generators	50.6	50.2	41.8	41.6	40.5
3622	Industrial controls	29.0	28.9	27.3	26.7	26.1
363	Household appliances	60.8	58.7	53.2	50.1	47.3
3632	Household refrigerators and freezers	10.7	9.2	8.5	7.5	7.1
3633	Household laundry equipment	5.0	4.9	3.5	4.0	3.2
3634	Electric housewares and fans	26.5	24.5	26.4	23.9	25.7
364	Electric lighting and wiring equipment	40.9	41.5	84.1	80.6	82.4
3641	Electric lamps	19.4	19.7	19.4	18.4	19.3

B-3. Women employees on nonagricultural payrolls by industry – Continued

(In thousands)

1972 SIC Code	Industry	July 1981	Aug. 1981	June 1982	July 1982	Aug. 1982
	ELECTRIC AND ELECTRONIC EQUIPMENT —Continued					
3643	Current-carrying wiring devices	40.5	41.0	37.1	35.2	36.5
365	Radio and TV receiving equipment	56.5	56.9	50.2	48.2	48.4
3651	Radio and TV receiving sets	42.2	42.5	38.2	36.4	37.1
366	Communication equipment	211.7	211.9	210.3	209.7	208.2
3661	Telephone and telegraph apparatus	74.3	74.1	68.3	68.1	66.9
3662	Radio and TV communication equipment	137.4	137.6	141.7	141.6	141.1
367	Electronic components and accessories	282.1	294.6	288.8	285.8	288.0
3671,3	Electronic tubes	16.7	16.4	16.2	16.0	16.0
3674	Semiconductors and related devices	102.5	102.8	106.5	107.8	107.2
3679	Electronic components, nec	114.3	115.6	119.3	119.6	119.6
369	Misc. electrical equipment and supplies	53.0	54.0	55.1	53.7	54.7
3694	Engine electrical equipment	23.0	23.5	24.8	24.0	24.7
37	**TRANSPORTATION EQUIPMENT**	312.3	335.8	296.2	286.0	278.2
371	Motor vehicles and equipment	133.9	139.9	130.6	100.8	96.6
3711	Motor vehicles and car bodies	42.7	38.1	33.5	34.6	32.5
3713	Truck and bus bodies	4.2	4.1	3.3	3.4	3.3
3714	Motor vehicle parts and accessories	63.7	94.7	60.4	59.3	58.1
372	Aircraft and parts	124.5	124.7	117.5	117.5	114.2
3721	Aircraft	68.6	69.8	64.9	64.7	63.2
3724	Aircraft engines and engine parts	28.6	27.9	25.6	25.5	24.6
3728	Aircraft equipment, nec	27.3	27.0	27.0	27.3	26.4
373	Ship and boat building and repairing	25.5	26.0	23.2	23.1	22.8
3731	Ship building and repairing	19.2	18.7	17.0	17.1	16.7
374	Railroad equipment	5.9	5.7	4.1	4.0	4.0
376	Guided missiles, space vehicles, parts	27.9	28.1	29.4	29.5	29.6
3761	Guided missiles and space vehicles	22.7	22.9	24.1	24.2	24.3
379	Miscellaneous transportation equipment	7.5	7.4	7.2	6.9	6.9
38	**INSTRUMENTS AND RELATED PRODUCTS**	309.4	312.7	304.3	298.9	297.4
381	Engineering and scientific instruments	24.5	24.7	24.3	24.0	23.9
382	Measuring and controlling devices	110.8	112.1	105.2	102.9	101.8
3822	Environmental controls	23.9	24.3	21.1	20.5	20.3
3823	Process control instruments	20.7	21.1	17.6	18.9	19.4
3825	Instruments to measure electricity	47.9	48.4	47.9	47.5	47.2
383	Optical instruments and lenses	11.9	11.7	11.7	11.7	11.4
384	Medical instruments and supplies	85.6	87.0	88.4	86.5	87.0
3841	Surgical and medical instruments	42.6	42.9	44.0	43.4	43.2
3842	Surgical appliances and supplies	34.9	35.3	36.7	35.5	36.3
385	Ophthalmic goods	24.1	24.4	22.4	21.7	21.6
386	Photographic equipment and supplies	41.0	40.7	41.5	41.7	40.8
387	Watches, clocks, and watchcases	11.5	12.1	10.8	10.3	11.0
39	**MISCELLANEOUS MANUFACTURING INDUSTRIES**	160.1	165.4	178.4	173.3	174.1
391	Jewelry, silverware, and plated ware	24.1	24.9	25.3	24.1	25.8
393	Musical instruments	9.9	9.8	8.6	8.8	8.6
394	Toys and sporting goods	63.3	64.4	56.3	56.2	56.7
3942, 4	Dolls, games, toys, and children's vehicles	35.5	36.4	30.0	30.1	31.5
3949	Sporting and athletic goods, nec	27.8	28.0	26.3	26.1	25.2
395	Pens, pencils, office and art supplies	20.4	20.5	18.6	18.1	18.0
396	Costume jewelry and notions	24.7	26.8	23.7	21.5	23.2
399	Miscellaneous manufactures	47.7	49.0	45.9	48.8	45.8
	NONDURABLE GOODS					
20	**FOOD AND KINDRED PRODUCTS**	513.4	546.1	479.3	504.5	543.2
201	Meat products	117.2	117.4	114.4	113.5	114.4
2011	Meat packing plants	28.3	29.3	26.6	26.2	26.5
2013	Sausages and other prepared meats	21.4	21.1	21.2	21.1	21.0
2016	Poultry dressing plants	61.4	63.9	59.5	59.4	59.9
202	Dairy products	38.2	37.5	37.3	37.6	37.3
2026	Fluid milk	17.1	16.8	16.4	16.4	16.2
203	Preserved fruits and vegetables	107.6	140.3	86.2	109.6	138.7
2032	Canned specialties	8.3	8.9	8.0	8.1	8.4
2033	Canned fruits and vegetables	43.9	70.9	28.3	41.0	66.9
2037	Frozen fruits and vegetables	20.2	23.1	21.5	23.2	25.4
204	Grain mill products	29.0	29.7	28.7	28.1	29.4
205	Bakery products	57.4	57.6	58.6	58.9	58.5
2051	Bread, cake, and related products	38.1	38.5	39.3	39.4	39.1
2052	Cookies and crackers	19.3	19.1	19.3	19.5	19.4
206	Sugar and confectionery products	38.6	42.1	38.3	37.7	41.9
207	Fats and oils	5.8	5.7	5.8	5.8	5.8
208	Beverages	42.5	43.2	44.2	43.5	43.1
2082	Malt beverages	8.1	8.2	8.4	8.2	8.1
2086	Bottled and canned soft drinks	19.2	19.2	20.0	20.1	19.9
209	Misc. foods and kindred products	74.1	74.6	66.0	69.4	71.7
21	**TOBACCO MANUFACTURES**	23.0	27.6	21.4	20.5	24.1
211	Cigarettes	15.3	15.1	14.4	14.6	13.8

B-3. Women employees on nonagricultural payrolls by industry – Continued

(In thousands)

1972 SIC Code	Industry	July 1981	Aug. 1981	June 1982	July 1982	Aug. 1982
22	TEXTILE MILL PRODUCTS	388.9	395.2	355.8	346.7	353.1
221	Weaving mills, cotton	60.9	61.2	53.3	52.2	51.9
222	Weaving mills, synthetics	46.3	46.5	36.0	37.4	38.5
223	Weaving and finishing mills, wool	6.8	7.2	6.5	6.1	6.1
224	Narrow fabric mills	13.9	14.6	13.5	11.8	13.1
225	Knitting mills	140.3	141.6	134.1	130.7	133.5
2251	Women's hosiery, except socks	24.5	25.0	24.3	23.6	24.1
2252	Hosiery, nec	24.0	23.9	22.3	22.3	22.4
2253	Knit outerwear mills	51.3	52.0	50.1	48.4	50.2
2254	Knit underwear mills	21.9	21.9	20.7	20.0	20.7
2257	Circular knit fabric mills	11.2	11.3	9.7	9.3	9.3
226	Textile finishing, except wool	23.4	21.5	20.5	19.8	20.3
2261	Finishing plants, cotton	9.1	8.9	9.7	9.4	9.4
2262	Finishing plants, synthetic	5.9	5.9	5.4	5.2	5.1
227	Floor covering mills	22.2	22.8	20.9	20.0	20.4
228	Yarn and thread mills	59.1	59.4	56.1	52.2	53.5
2281	Yarn mills, except wool	38.1	38.7	35.1	34.2	35.1
2282	Throwing and winding mills	11.4	11.8	10.3	9.5	9.4
229	Miscellaneous textile goods	19.0	19.4	16.9	16.5	16.5
23	APPAREL AND OTHER TEXTILE PRODUCTS	980.3	1,015.7	951.4	875.6	926.7
231	Men's and boys' suits and coats	58.3	60.3	58.6	54.3	56.5
232	Men's and boys' furnishings	290.6	298.4	280.3	265.1	272.7
2321	Men's and boys' shirts and nightwear	84.3	85.7	82.6	78.5	79.2
2327	Men's and boys' separate trousers	59.2	60.9	57.1	54.7	55.9
2329	Men's and boys' work clothing	82.1	84.7	79.8	75.1	77.7
233	Women's and misses' outerwear	334.	351.1	323.0	279.4	315.1
2331	Women's and misses' blouses and waists	54.8	55.8	53.4	43.9	53.5
2335	Women's and misses' dresses	111.0	120.6	110.1	95.0	107.1
2337	Women's and misses' suits and coats	50.5	54.0	46.4	41.7	45.2
2339	Women's and misses' outerwear, nec	117.9	123.7	113.1	97.9	109.3
234	Women's and children's undergarments	77.2	79.0	73.9	71.4	72.7
2341	Women's and children's underwear	62.2	63.9	61.3	59.1	60.9
2342	Brassieres and allied garments	15.0	15.1	12.6	12.3	11.8
236	Children's outerwear	55.1	53.7	53.7	52.4	50.9
2361	Children's dresses and blouses	24.1	23.5	23.4	22.6	22.9
238	Misc. apparel and accessories	41.8	44.9	40.5	36.7	40.1
239	Misc. fabricated textile products	106.8	111.9	105.3	100.9	103.2
2391	Curtains and draperies	20.4	22.0	18.8	18.0	18.6
2392	House furnishings, nec	29.6	31.4	29.9	28.8	30.7
2396	Automotive and apparel trimmings	13.3	14.5	14.1	13.4	13.6
26	PAPER AND ALLIED PRODUCTS	161.7	164.2	153.5	151.9	152.5
261 2[6]	Paper and pulp mills	28.6	28.8	27.6	27.5	27.2
262	Paper mills, except building paper	25.9	25.9	24.9	24.8	24.5
263	Paperboard mills	6.1	6.1	5.6	5.8	5.4
264	Misc. converted paper products	79.9	79.8	75.2	74.3	74.6
265	Paperboard containers and boxes	48.0	49.5	45.1	44.7	45.3
27	PRINTING AND PUBLISHING	505.8	537.6	516.2	512.8	512.9
271	Newspapers	161.5	162.2	166.1	166.0	164.5
272	Periodicals	57.2	57.3	59.2	59.5	59.6
273	Books	53.1	52.9	52.7	52.1	51.7
274	Miscellaneous publishing	26.5	26.0	27.6	27.2	27.4
275	Commercial printing	131.2	131.7	133.2	130.6	132.0
2751	Commercial printing, letterpress	51.9	51.9	51.4	50.4	50.7
2752	Commercial printing, lithographic	72.9	73.2	75.6	74.2	75.3
276	Manifold business forms	15.8	16.0	15.8	15.7	15.7
278	Blankbooks and bookbinding	33.8	34.6	33.9	33.9	34.0
279	Printing trade services	11.7	11.5	12.7	12.8	12.7
28	CHEMICALS AND ALLIED PRODUCTS	287.3	295.6	283.1	280.5	280.6
281	Industrial inorganic chemicals	24.1	24.2	24.5	24.4	24.3
2819	Industrial inorganic chemicals, nec	16.2	16.3	16.3	16.3	16.2
282	Plastics materials and synthetics	43.7	42.9	40.9	40.1	39.5
2821	Plastics materials and resins	11.8	11.7	11.1	11.0	11.0
2824	Organic fibers, noncellulosic	22.2	22.0	21.6	21.1	20.6
283	Drugs	86.9	85.7	86.6	86.2	86.4
2834	Pharmaceutical preparations	72.9	72.2	72.3	71.7	72.0
284	Soap, cleaners, and toilet goods	59.8	60.0	59.2	59.6	60.7
2841	Soap and other detergents	10.0	10.1	10.1	10.0	10.4
2844	Toilet preparations	37.3	37.4	36.9	37.4	37.7
285	Paints and allied products	12.5	12.4	11.8	11.6	11.6
286	Industrial organic chemicals	28.0	29.2	28.2	27.8	27.6
2861 9	Gum, wood, and industrial organic chemicals, nec	23.3	23.6	23.7	23.6	23.2
287	Agricultural chemicals	11.0	10.8	10.8	10.3	9.9
289	Miscellaneous chemical products	21.3	21.4	21.1	20.5	20.6

B-3. Women employees on nonagricultural payrolls by industry – Continued

(In thousands)

1972 SIC Code	Industry	July 1981	Aug. 1981	June 1982	July 1982	Aug. 1982
29	PETROLEUM AND COAL PRODUCTS	32.2	32.3	32.2	32.4	32.2
291	Petroleum refining	26.8	27.0	27.1	27.2	27.1
30	RUBBER AND MISC. PLASTICS PRODUCTS	260.8	254.0	247.2	240.6	244.7
301	Tires and inner tubes	10.5	13.4	9.1	9.0	9.0
302	Rubber and plastics footwear	13.5	13.7	13.1	13.0	12.8
3034	Reclaimed rubber, and rubber and plastics hose and belting	7.4	7.2	5.1	5.0	4.9
306	Fabricated rubber products, nec	36.5	37.1	33.5	32.6	33.9
307	Miscellaneous plastics products	192.9	190.4	186.2	181.0	184.6
31	LEATHER AND LEATHER PRODUCTS	136.3	143.3	129.2	118.4	126.6
313	Leather tanning and finishing	2.7	3.0	2.7	2.6	2.7
314	Footwear, except rubber	93.3	97.2	88.0	80.1	86.4
3143	Men's footwear, except athletic	34.4	36.9	32.1	28.9	31.4
3144	Women's footwear, except athletic	37.4	37.5	34.7	32.2	34.4
316	Luggage	7.9	7.8	7.6	7.1	6.9
317	Handbags and personal leather goods	20.1	21.1	18.5	16.8	17.9
	TRANSPORTATION AND PUBLIC UTILITIES	1,368	1,383	1,388	1,322	1,319
41	LOCAL AND INTERURBAN PASSENGER TRANSIT	42.8 14.8	41.6 14.9	19.1 16.8	49.5 15.8	47.1 16.5
411	Local and suburban transportation	6.5	6.2	6.6	6.3	6.1
412	Taxicabs	4.8	4.9	4.9	4.9	4.9
413	Intercity highway transportation	13.9	12.8	47.2	19.3	19.3
415	School buses					
42	TRUCKING AND WAREHOUSING	154.1	153.0	153.5	154.3	154.4
421,3	Trucking and trucking terminals	138.0	137.7	137.0	137.9	137.2
422	Public warehousing	16.1	17.3	16.6	16.4	17.2
44	WATER TRANSPORTATION	25.2	25.4	26.0	25.8	25.3
45	TRANSPORTATION BY AIR	152.1 143.2	152.6 143.5	148.3 139.1	146.1 136.5	146.6 136.8
4512	Air transportation					
46	PIPE LINES, EXCEPT NATURAL GAS	3.1	3.3	3.3	3.3	3.2
47	TRANSPORTATION SERVICES	103.1	108.5	115.2	115.9	116.8
48	COMMUNICATION	653.1	652.9	630.2	628.8	627.9
481	Telephone communication	556.1	557.4	525.3	523.8	522.6
483	Radio and television broadcasting	67.6	67.6	73.5	72.9	72.7
49	ELECTRIC, GAS, AND SANITARY SERVICES	167.6	167.6	172.8	174.2	174.4
491	Electric services	77.7	77.7	81.7	82.4	82.5
492	Gas production and distribution	40.5	40.4	41.0	41.1	41.2
493	Combination utility services	37.8	37.9	37.9	38.4	38.6
495	Sanitary services	6.5	6.4	6.6	6.9	6.6
	WHOLESALE AND RETAIL TRADE	8,937	8,992	9,117	9,079	9,077
5051	WHOLESALE TRADE	1,386	1,398	1,437	1,396	1,393
50	WHOLESALE TRADE DURABLE GOODS	773	776	779	771	770
501	Motor vehicles and automotive equipment	43.9	44.4	45.5	45.6	46.3
502	Furniture and home furnishings	36.7	36.8	37.0	37.0	37.1
503	Lumber and construction materials	24.0	24.0	24.5	24.2	24.2
504	Sporting goods, toys, and hobby goods	29.7	29.6	27.6	27.1	27.8
505	Metals and minerals, except petroleum	125.8	129.7	128.4	127.1	127.7
506	Electrical goods	66.2	66.1	64.7	64.2	64.1
507	Hardware, plumbing, and heating equipment	312.3	312.1	314.8	311.7	309.7
508	Machinery, equipment, and supplies	46.8	47.7	45.1	43.5	43.6
509	Miscellaneous durable goods					
51	WHOLESALE TRADE NONDURABLE GOODS	615	622	628	625	623
511	Paper and paper products	49.1	48.8	50.4	51.0	51.4
512	Drugs, proprietaries, and sundries	64.8	65.0	67.5	68.2	68.1
513	Apparel, piece goods, and notions	82.8	83.5	85.2	85.2	84.7
514	Groceries and related products	156.4	162.8	158.1	155.1	148.8
516	Chemicals and allied products	35.9	35.8	37.9	37.9	38.1
517	Petroleum and petroleum products	55.6	55.3	56.0	56.0	56.2
518	Beer, wine, and distilled beverages	22.4	22.4	22.1	22.2	22.0
519	Miscellaneous nondurable goods	117.5	117.9	121.4	120.9	121.9

B-3. Women employees on nonagricultural payrolls by industry — Continued

(In thousands)

1972 SIC Code	Industry	July 1981	Aug. 1981	June 1982	July 1982	Aug. 1982
52-59	RETAIL TRADE	7,569	7,594	7,719	7,693	7,684
52	BUILDING MATERIALS AND GARDEN SUPPLIES	161.7	159.6	159.2	155.0	155.5
521	Lumber and other building materials	65.2	64.6	64.2	63.4	63.3
525	Hardware stores	56.5	55.7	55.9	54.9	55.5
53	GENERAL MERCHANDISE STORES	1,422.5	1,438.3	1,476.2	1,481.0	1,476.2
531	Department stores	1,161.3	1,175.8	1,218.5	1,224.6	1,219.9
533	Variety stores	177.0	178.5	169.4	168.9	168.2
539	Misc. general merchandise stores	84.2	84.0	88.3	87.6	88.1
54	FOOD STORES	1,041.5	1,048.0	1,081.9	1,072.2	1,077.4
541	Grocery stores	874.1	879.8	936.2	900.0	903.7
542	Meat markets and freezer provisioners	17.3	17.4	16.7	17.1	17.0
546	Retail bakeries	78.8	78.8	83.1	78.9	80.3
55	AUTOMOTIVE DEALERS AND SERVICE STATIONS	311.2	312.3	318.0	320.5	319.9
551,2	New and used car dealers	111.0	111.2	109.0	109.1	108.6
553	Auto and home supply stores	49.2	48.6	51.7	50.7	50.5
554	Gasoline service stations	136.9	136.7	141.2	144.9	145.0
56	APPAREL AND ACCESSORY STORES	656.5	658.5	667.2	662.9	670.3
561	Men's and boys' clothing and furnishings	55.7	55.8	56.3	56.0	55.3
562	Women's ready-to-wear stores	302.8	303.4	309.5	305.9	309.3
565	Family clothing stores	133.8	134.7	133.3	132.9	134.9
566	Shoe stores	86.4	86.1	89.2	89.6	90.9
57	FURNITURE AND HOME FURNISHING STORES	202.5	202.8	203.9	202.4	203.4
571	Furniture and home furnishings stores	136.3	136.2	133.8	133.2	132.7
572	Household appliance stores	22.1	21.5	22.6	23.3	23.3
573	Radio, television, and music stores	44.1	45.1	46.6	45.9	47.6
58	EATING AND DRINKING PLACES	2,718.7	2,724.9	2,730.1	2,721.4	2,707.0
59	MISCELLANEOUS RETAIL	1,034.6	1,049.4	1,074.6	1,067.1	1,072.9
591	Drug stores and proprietary stores	310.0	311.7	313.1	312.2	313.0
592	Liquor stores	36.4	36.5	36.3	37.2	36.4
594	Miscellaneous shopping goods stores	361.7	367.0	384.0	381.7	385.2
596	Nonstore retailers	153.5	156.7	162.2	161.5	165.0
598	Fuel and ice dealers	22.7	22.9	24.9	23.8	24.0
599	Retail stores, nec	128.9	131.1	133.9	129.8	127.7
	FINANCE, INSURANCE, AND REAL ESTATE	3,191	3,190	3,227	3,231	3,227
60	BANKING	1,168.9	1,169.4	1,179.2	1,182.1	1,180.2
602	Commercial and stock savings banks	1,078.9	1,075.6	1,084.4	1,086.8	1,084.9
61	CREDIT AGENCIES OTHER THAN BANKS	403.2	431.9	409.5	409.4	409.7
612	Savings and loan associations	197.3	199.3	205.5	205.9	206.6
614	Personal credit institutions	132.4	132.3	128.4	128.0	127.6
62	SECURITY, COMMODITY BROKERS, AND SERVICES	112.2	113.5	123.2	123.1	122.4
621	Security brokers and dealers	92.1	93.2	102.4	102.1	101.5
63	INSURANCE CARRIERS	757.8	755.4	747.1	746.2	744.6
631	Life insurance	305.5	304.7	302.9	301.6	301.2
632	Medical service and health insurance	103.1	102.9	102.2	101.6	101.4
633	Fire, marine, and casualty insurance	298.1	297.8	295.4	295.2	294.3
64	INSURANCE AGENTS, BROKERS, AND SERVICE	295.2	295.3	305.8	304.1	303.3
65	REAL ESTATE	377.3	378.2	382.3	385.7	385.5
651	Real estate operators and lessors	150.2	153.8	159.1	161.5	162.3
653	Real estate agents and managers	176.6	176.8	175.1	176.4	175.1
655	Subdividers and developers	36.4	35.0	35.5	35.2	35.4
66	COMBINED REAL ESTATE, INSURANCE, ETC	11.8	11.6	11.7	11.7	11.6
67	HOLDING AND OTHER INVESTMENT OFFICES	69.9	55.0	68.4	68.9	69.4
	SERVICES	10,975	10,972	11,319	11,300	11,285
70	HOTELS AND OTHER LODGING PLACES	666.3	671.8	634.4	656.4	666.4
701	Hotels, motels, and tourist courts	624.3	630.4	598.9	617.3	623.6

B-3. Women employees on nonagricultural payrolls by industry – Continued

(In thousands)

1972 SIC Code	Industry	July 1981	Aug. 1981	June 1982	July 1982	Aug. 1982
72	PERSONAL SERVICES	618.4	616.7	635.2	629.3	625.5
721	Laundry, cleaning, and garment services	222.2	221.5	222.7	220.5	219.0
723	Beauty shops	251.4	251.9	264.1	264.3	263.7
726	Funeral service and crematories	19.3	19.8	20.8	21.0	20.7
73	BUSINESS SERVICES	1,425.3	1,436.3	1,429.0	1,438.2	1,438.7
731	Advertising	74.7	74.2	78.9	78.6	78.8
732	Credit reporting and collection	54.0	54.0	54.2	54.5	53.9
733	Mailing, reproduction, stenographic	62.7	62.6	64.3	64.7	62.8
734	Services to buildings	193.7	197.6	236.6	206.4	205.9
736	Personnel supply services	380.1	387.6	341.9	346.0	345.2
737	Computer and data processing services	158.2	159.1	169.7	169.1	168.2
75	AUTO REPAIR, SERVICES, AND GARAGES	95.7	95.6	99.8	100.9	102.0
753	Automotive repair shops	48.0	48.6	49.0	50.3	50.9
76	MISCELLANEOUS REPAIR SERVICES	57.5	58.6	58.4	59.2	58.6
78	MOTION PICTURES	88.9	88.0	87.6	90.9	89.1
781	Motion picture production and services	24.2	25.6	26.9	26.7	26.2
783	Motion picture theaters	56.6	58.2	56.9	58.2	57.0
79	AMUSEMENT AND RECREATION SERVICES	365.1	363.0	375.3	390.4	389.0
80	HEALTH SERVICES	4,551.8	4,560.8	4,723.4	4,733.9	4,742.0
801	Offices of physicians	619.1	623.0	644.9	642.0	648.2
802	Offices of dentists	310.2	308.3	329.7	332.8	329.8
805	Nursing and personal care facilities	918.5	921.7	948.3	950.4	953.7
806	Hospitals	2,364.3	2,368.5	2,439.9	2,445.6	2,445.6
81	LEGAL SERVICES	383.9	382.6	401.3	403.7	402.3
82	EDUCATIONAL SERVICES	516.7	538.0	584.3	532.7	522.9
821	Elementary and secondary schools	167.6	151.4	194.2	160.4	163.1
822	Colleges and universities	284.4	282.5	321.7	298.0	293.4
83	SOCIAL SERVICES	842.9	834.3	866.5	859.6	858.7
89	MISCELLANEOUS SERVICES	350.5	351.8	362.2	361.6	360.4
891	Engineering and architectural services	128.4	127.8	130.3	130.5	129.3
893	Accounting, auditing, and bookkeeping	159.2	161.1	170.2	169.6	170.0
	GOVERNMENT	7,074	6,951	7,780	7,044	7,393
	FEDERAL GOVERNMENT	899	890	1,036	1,164	1,264
	STATE AND LOCAL GOVERNMENT	6,175	6,061	6,743	5,880	5,829
	State government	1,544.7	1,537.3	1,552.8	1,486.7	1,484.4
	Hospitals	327.8	328.4	320.4	320.5	319.9
	State education	569.5	530.8	583.1	536.9	534.6
	General administration including executive, legislative, and judicial functions	405.4	405.7	430.8	430.5	433.7
	Local government	4,630.2	4,523.9	5,191.0	4,393.1	4,344.1
	Transportation and public utilities	95.5	95.1	97.2	97.3	97.2
	Hospitals	512.8	511.4	528.1	529.7	528.8
	Local education	2,719.2	2,647.4	3,370.3	2,498.1	2,460.3
	General administration including executive, legislative, and judicial functions	1,066.1	1,035.4	995.5	1,058.1	1,042.5

B-4. Employees on nonagricultural payrolls by industry division and major manufacturing group, seasonally adjusted

(In thousands)

Industry division and group	1981			1982									
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.P	Oct.P
TOTAL	91,229	90,996	90,842	90,860	90,458	90,304	90,283	90,165	89,839	89,535	89,312	89,148	88,925
GOODS PRODUCING	25,393	25,176	24,908	24,684	24,631	24,450	24,289	24,255	23,994	23,840	23,657	23,515	23,279
MINING	1,195	1,202	1,206	1,201	1,203	1,197	1,182	1,152	1,124	1,100	1,096	1,074	1,064
CONSTRUCTION	4,101	4,071	4,026	3,966	3,974	3,934	3,938	3,989	3,940	3,927	3,899	3,881	3,867
MANUFACTURING	20,097	19,903	19,676	19,517	19,454	19,319	19,169	19,115	18,930	18,813	18,672	18,560	18,349
DURABLE GOODS	12,359	12,231	11,724	11,622	11,575	11,490	11,375	11,332	11,203	11,133	10,993	10,906	10,705
Lumber and wood products	693	628	615	607	611	637	615	617	635	614	614	615	611
Furniture and fixtures	469	462	457	452	449	446	443	443	442	439	443	442	436
Stone, clay, and glass products	629	620	610	596	596	593	584	586	580	579	574	573	568
Primary metal industries	1,104	1,082	1,053	1,038	1,024	1,047	976	945	926	936	933	931	843
Fabricated metal products	1,577	1,553	1,529	1,515	1,505	1,496	1,481	1,472	1,452	1,446	1,427	1,414	1,386
Machinery, except electrical	2,532	2,511	2,466	2,459	2,446	2,419	2,389	2,377	2,322	2,274	2,220	2,206	2,137
Electric and electronic equipment	2,101	2,077	2,049	2,055	2,049	2,038	2,034	2,034	2,026	2,018	2,011	1,994	1,973
Transportation equipment	1,861	1,830	1,751	1,777	1,778	1,774	1,748	1,765	1,745	1,759	1,719	1,707	1,675
Instruments and related products	733	727	725	720	718	716	713	713	709	706	702	703	695
Miscellaneous manufacturing, nec	412	411	409	403	400	397	382	393	387	390	394	382	373
NONDURABLE GOODS	8,038	8,002	7,952	7,895	7,879	7,829	7,794	7,783	7,727	7,680	7,679	7,674	7,644
Food and kindred products	1,662	1,664	1,661	1,657	1,663	1,658	1,643	1,652	1,637	1,643	1,628	1,631	1,635
Tobacco manufactures	69	69	68	69	68	69	67	67	67	65	65	63	63
Textile mill products	814	804	794	780	777	763	773	759	741	741	737	735	736
Apparel and other textile products	1,243	1,235	1,222	1,201	1,201	1,186	1,165	1,165	1,161	1,124	1,145	1,144	1,140
Paper and allied products	685	681	677	674	670	668	669	661	658	657	653	657	648
Printing and publishing	1,276	1,276	1,276	1,275	1,276	1,278	1,274	1,274	1,269	1,267	1,269	1,269	1,263
Chemicals and allied products	1,107	1,103	1,103	1,095	1,083	1,088	1,092	1,079	1,073	1,068	1,070	1,064	1,063
Petroleum and coal products	215	215	214	210	208	207	206	207	205	205	205	204	204
Rubber and misc. plastic products	734	725	716	712	709	703	705	704	704	700	699	694	694
Leather and leather products	233	230	224	222	215	213	214	211	212	206	208	206	203
SERVICE PRODUCING	65,831	65,820	65,734	65,776	65,828	65,854	65,794	65,911	65,845	65,695	65,655	65,633	65,646
TRANSPORTATION AND PUBLIC UTILITIES	5,162	5,150	5,128	5,145	5,135	5,130	5,094	5,101	5,078	5,044	5,025	5,032	5,022
WHOLESALE AND RETAIL TRADE	20,654	20,623	20,524	20,633	20,670	20,655	20,584	20,652	20,595	20,615	20,553	20,498	20,439
WHOLESALE TRADE	5,380	5,375	5,357	5,346	5,343	5,336	5,323	5,331	5,307	5,299	5,278	5,266	5,249
RETAIL TRADE	15,274	15,248	15,167	15,287	15,327	15,319	15,261	15,321	15,288	15,316	15,275	15,234	15,189
FINANCE, INSURANCE, AND REAL ESTATE	5,325	5,324	5,331	5,326	5,326	5,330	5,335	5,342	5,352	5,359	5,360	5,370	5,362
SERVICES	18,773	18,815	18,834	18,831	18,867	18,934	18,929	18,963	18,986	19,042	19,048	19,076	19,137
GOVERNMENT	15,917	15,908	15,917	15,864	15,850	15,859	15,852	15,853	15,832	15,635	15,672	15,645	15,717
FEDERAL	2,757	2,749	2,756	2,741	2,727	2,736	2,730	2,728	2,738	2,737	2,739	2,734	2,723
STATE AND LOCAL	13,160	13,159	13,161	13,123	13,123	13,123	13,122	13,125	13,094	12,898	12,933	12,961	12,994

P = preliminary

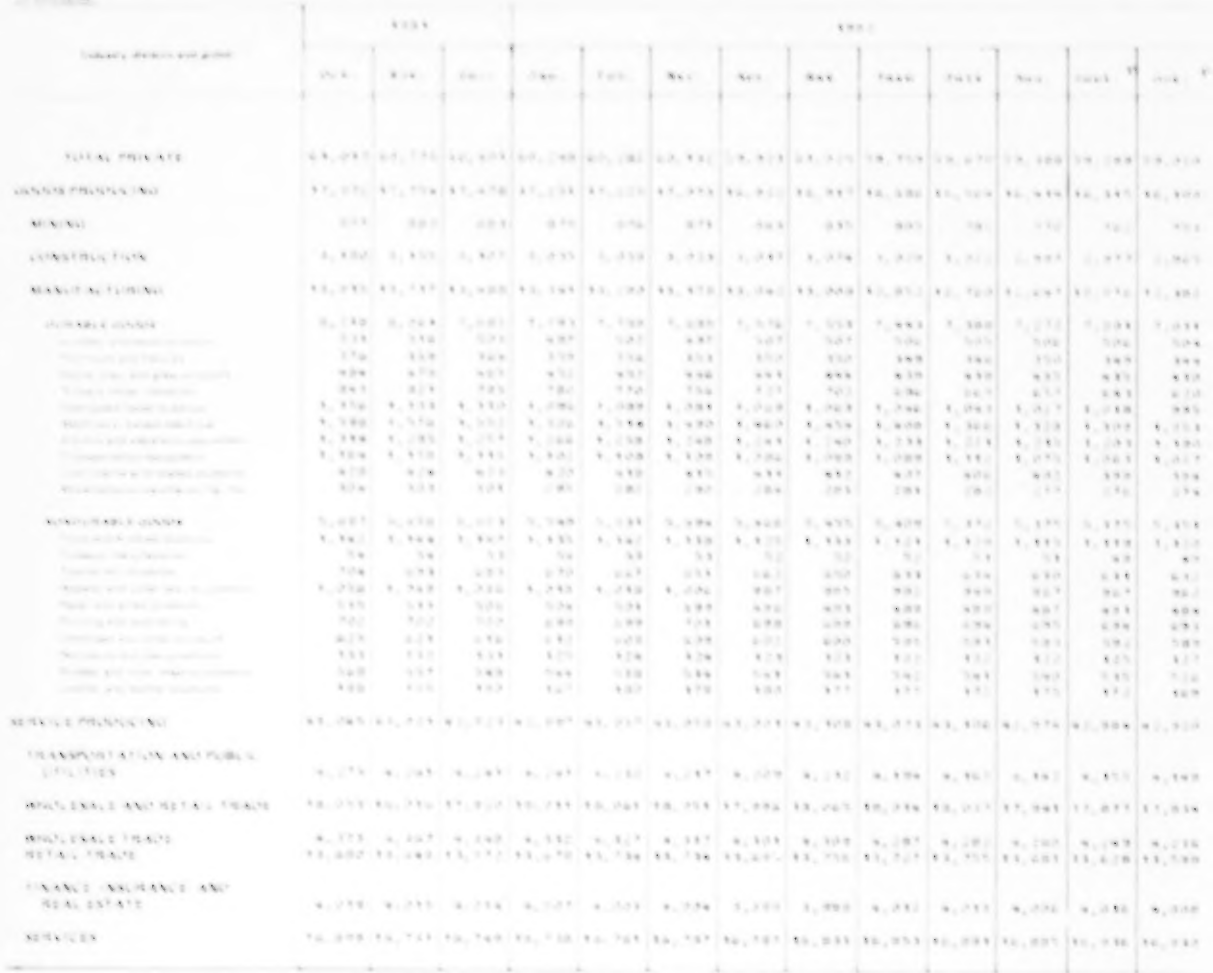
B-5. Women employees on nonagricultural payrolls by industry division and major manufacturing group, seasonally adjusted

(In thousands)

Industry division and group	1981					1982							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.
TOTAL	39,159	39,167	39,198	39,139	39,098	39,089	39,147	39,153	39,291	39,181	39,195	39,180	39,287
GOODS PRODUCING	6,927	6,909	6,871	6,814	6,754	6,712	6,592	6,653	6,601	6,593	6,526	6,502	6,480
MINING	133	135	137	138	141	140	141	142	143	141	138	135	134
CONSTRUCTION	383	382	381	381	381	384	382	382	384	383	381	379	379
MANUFACTURING	6,411	6,392	6,353	6,295	6,237	6,188	6,169	6,126	6,074	6,069	6,017	5,988	5,967
DURABLE GOODS	3,087	3,074	3,058	3,008	2,972	2,957	2,942	2,922	2,894	2,891	2,865	2,869	2,834
Lumber and wood products	103	100	98	95	94	93	92	91	91	91	91	91	91
Furniture and fixtures	144	142	142	139	137	136	135	135	133	133	133	131	132
Stone, clay, and glass products	128	126	126	123	122	120	120	119	117	117	115	116	114
Primary metal industries	126	125	122	119	116	113	112	110	107	107	105	105	103
Fabricated metal products	342	340	333	326	320	317	315	313	309	308	307	304	304
Machinery, except electrical	515	520	529	517	511	507	505	503	500	499	493	485	480
Electric and electronic equipment	905	905	898	884	874	880	876	873	867	869	860	859	855
Transportation equipment	314	312	308	304	298	296	295	293	287	286	284	288	282
Instruments and related products	313	312	311	310	309	307	306	304	303	303	301	301	297
Miscellaneous manufacturing, nec	193	192	192	191	191	188	186	184	180	178	176	180	176
NONDURABLE GOODS	3,324	3,318	3,303	3,287	3,265	3,231	3,227	3,204	3,180	3,178	3,152	3,128	3,133
Food and kindred products	497	492	499	501	500	496	493	499	491	495	493	498	493
Tobacco manufactures	26	25	25	25	25	25	24	24	24	24	24	24	23
Textile mill products	394	394	388	383	378	370	368	362	367	362	353	355	352
Apparel and other textile products	1,012	1,012	1,004	995	988	971	971	958	939	938	935	905	922
Paper and allied products	162	161	160	158	158	157	157	156	155	154	151	152	151
Printing and publishing	510	512	513	513	515	516	518	518	518	519	517	515	515
Chemicals and allied products	284	285	285	285	285	284	284	283	282	281	280	278	279
Petroleum and coal products	31	32	32	32	32	32	33	33	32	32	31	31	31
Rubber and misc. plastics products	267	263	259	254	250	247	245	244	245	247	245	246	246
Leather and leather products	141	140	139	138	134	133	128	127	127	126	126	124	124
SERVICE PRODUCING	32,232	32,258	32,327	32,325	32,344	32,377	32,455	32,503	32,492	32,588	32,659	32,678	32,807
TRANSPORTATION AND PUBLIC UTILITIES	1,348	1,355	1,355	1,351	1,358	1,338	1,339	1,339	1,342	1,348	1,341	1,335	1,334
WHOLESALE AND RETAIL TRADE	9,043	9,057	9,066	9,049	9,022	9,084	9,129	9,133	9,118	9,156	9,124	9,164	9,127
WHOLESALE TRADE	1,403	1,406	1,407	1,412	1,408	1,405	1,408	1,409	1,411	1,410	1,406	1,403	1,397
RETAIL TRADE	7,640	7,651	7,659	7,637	7,614	7,679	7,721	7,721	7,707	7,746	7,718	7,761	7,730
FINANCE, INSURANCE, AND REAL ESTATE	3,172	3,182	3,183	3,186	3,189	3,185	3,185	3,193	3,194	3,202	3,211	3,209	3,211
SERVICES	10,989	11,029	11,086	11,113	11,135	11,151	11,192	11,216	11,229	11,255	11,265	11,300	11,308
GOVERNMENT	7,720	7,656	7,637	7,626	7,635	7,619	7,610	7,625	7,609	7,627	7,718	7,670	7,827
FEDERAL	879	880	876	874	881	877	875	876	873	876	1,014	1,137	1,248
STATE AND LOCAL	6,841	6,776	6,761	6,752	6,754	6,742	6,735	6,749	6,736	6,751	6,704	6,533	6,579

ESTABLISHMENT DATA
SEASONALLY ADJUSTED EMPLOYMENT

B-8. Production or nonsupervisory workers[1] on private nonagricultural payrolls, by industry division and major manufacturing group, seasonally adjusted



B-7 Indexes of diffusion Percent of industries in which employment[1] increased

Year and month	Over 1-month span	Over 3-month span	Over 6-month span	Over 12-month span
1979				
January	65.1	68.1	71.1	74.1
February	61.6	65.1	71.0	76.1
March	61.6	63.1	68.0	69.1
April	53.6	61.9	61.1	65.5
May	61.0	61.1	59.4	59.7
June	62.4	64.5	59.5	57.4
July	55.1	57.1	58.1	59.0
August	53.5	58.5	59.2	59.9
September	59.9	53.8	59.1	60.2
October	61.8	61.6	61.6	58.0
November	60.1	56.0	61.6	59.6
December	51.1	51.1	57.6	60.5
1980				
January	53.8	50.0	53.6	55.6
February	48.9	47.0	50.1	52.1
March	49.1	45.1	49.1	51.6
April	39.0	38.6	44.1	46.5
May	41.6	43.1	46.6	46.2
June	39.6	38.1	46.6	46.1
July	51.1	51.1	51.6	51.1
August	53.0	51.6	55.1	51.9
September	61.0	59.1	59.1	51.9
October	62.6	63.1	61.1	54.0
November	59.6	60.1	63.0	55.6
December	56.6	58.9	63.0	60.6
1981				
January	56.0	54.5	60.6	57.9
February	60.1	57.1	60.9	57.0
March	53.1	60.1	62.1	60.6
April	60.3	56.1	57.1	57.1
May	57.1	59.1	60.1	59.6
June	54.0	57.9	57.1	57.1
July	54.9	54.1	53.1	53.6
August	50.1	51.6	49.0	53.6
September	50.1	50.1	51.9	50.1
October	53.1	50.6	50.1	51.6
November	58.1	54.1	52.1	54.6
December	51.1	53.5	50.1	51.6
1982				
January	51.1	48.9	51.6	50.1
February	47.1	51.1	53.6	50.1
March	51.6	51.6	54.1	51.6p
April	50.9	51.1	54.6	54.6p
May	53.1	51.6	50.6	
June	51.6	51.6	50.6p	
July	53.1	51.1	51.6p	
August	51.6	51.6p		
September	54.6p	54.6p		
October	56.6p			
November				
December				

[1] Number of employers, seasonally adjusted for 1-, 3-, and 6-month spans, on payrolls of 186 private nonagricultural industries.
p = preliminary.

NOTE: Figures are the percent of industries with employment rising; half of the unchanged components are counted as rising. Data are centered within the spans.

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division

(In thousands)

	State and areas	Total			Mining			Construction			Manufacturing		
		SEP. 1981	AUG. 1982	SEP. 1982P	SEP. 1981	AUG. 1982	SEP. 1982P	SEP. 1981	AUG. 1982	SEP. 1982P	SEP. 1981	AUG. 1982	SEP. 1982P
1	ALABAMA	1,354.1	1,316.8	1,312.1	16.9	15.7	15.8	66.5	63.2	63.1	366.9	334.0	333.0
2	Birmingham	344.3	339.1	338.1	8.9	8.3	8.3	19.1	19.0	18.7	59.4	49.7	50.2
3	Huntsville	129.1	125.9	126.2	(1)	(1)	(1)	9.1	9.1	9.0	37.3	38.4	38.1
4	Mobile	154.6	149.3	(2)	(1)	(1)	(2)	10.9	9.0	(2)	32.3	27.5	(2)
5	Montgomery	107.0	103.3	104.2	(1)	(1)	(1)	6.1	5.7	5.7	16.7	14.7	14.9
6	Tuscaloosa	50.5	49.1	49.3	2.6	2.7	2.7	2.5	1.9	1.9	8.3	7.8	7.7
7	ALASKA	188.5	204.2	199.1	7.5	8.8	8.1	16.3	18.0	17.9	12.9	17.4	11.9
8	ARIZONA	1,039.5	1,002.8	1,025.2	29.2	16.4	14.9	69.5	59.6	59.2	160.7	151.4	150.1
9	Phoenix	654.4	636.8	650.0	.4	.5	.5	47.7	39.7	39.6	117.1	109.8	109.0
10	Tucson	189.8	182.5	190.1	7.7	4.1	4.1	12.3	11.5	11.0	24.2	25.2	24.8
11	ARKANSAS	748.0	719.0	731.2	6.1	5.9	5.7	35.5	31.8	31.0	213.0	194.3	194.7
12	Fayetteville—Springdale	66.9	63.1	65.2	(1)	(1)	(1)	2.7	2.7	2.7	20.5	17.6	17.5
13	Fort Smith	65.2	64.2	65.7	1.1	1.2	1.2	2.7	2.3	2.2	22.5	19.8	19.8
14	Little Rock—North Little Rock	180.7	178.5	180.2	(1)	(1)	(1)	9.2	9.7	9.5	29.8	26.5	26.3
15	Pine Bluff	31.7	30.2	31.0	(1)	(1)	(1)	2.0	2.1	2.0	6.3	5.4	5.4
16	CALIFORNIA	10,107.2	9,901.5	9,957.1	49.3	48.3	47.2	435.8	373.3	370.0	2,055.8	1,950.9	1,943.9
17	Anaheim—Santa Ana—Garden Grove	865.3	854.1	858.1	2.8	3.0	2.9	50.3	42.7	42.1	229.1	216.4	214.9
18	Bakersfield	137.1	133.1	133.9	14.4	14.5	14.3	7.2	6.2	6.0	10.5	9.5	9.5
19	Fresno	185.1	178.9	182.8	1.0	1.1	1.0	10.3	8.9	8.7	24.8	23.1	23.9
20	Los Angeles—Long Beach	3,642.4	3,537.5	3,570.7	14.7	14.3	14.1	123.8	103.4	102.0	916.4	854.9	853.1
21	Modesto	94.3	94.4	95.1	.1	.1	.1	5.3	4.9	4.8	29.6	26.9	25.5
22	Oxnard—Simi Valley—Ventura	159.0	159.3	159.0	3.0	3.3	3.0	7.3	6.4	6.2	26.8	25.9	26.6
23	Riverside—San Bernardino—Ontario	439.3	429.8	431.7	2.1	1.6	1.6	24.3	22.1	21.9	65.4	59.5	58.5
24	Sacramento	412.0	402.4	408.9	.7	.7	.7	17.8	17.1	16.9	30.9	30.1	29.5
25	Salinas—Seaside—Monterey	91.8	90.1	90.7	.4	.4	.4	3.3	3.4	3.4	9.3	9.7	9.9
26	San Diego	684.3	643.1	651.3	.6	.6	.5	34.9	28.9	28.1	109.5	104.3	104.4
27	San Francisco—Oakland	1,585.8	1,562.2	1,575.5	4.2	4.5	4.4	76.6	74.9	75.0	199.8	191.3	191.1
28	San Jose	653.1	699.6	699.5	.1	.1	.1	24.1	23.4	23.0	254.9	259.7	258.0
29	Santa Barbara—Santa Maria—Lompoc	123.6	123.2	122.9	1.6	1.4	1.4	5.0	4.5	4.5	18.0	18.8	19.0
30	Santa Rosa	96.5	96.2	96.4	.5	.5	.5	6.0	5.0	4.9	15.5	16.1	16.3
31	Stockton	128.7	122.8	124.3	.1	.1	.1	6.0	5.7	5.7	26.7	25.7	24.9
32	Vallejo—Fairfield—Napa	102.2	100.9	100.8	.5	.5	.5	5.2	4.7	4.8	12.1	11.6	11.4
33	COLORADO	1,290.2	1,279.9	1,280.1	44.1	41.0	40.3	77.4	78.4	77.4	187.2	178.2	175.2
34	Denver—Boulder	827.9	823.7	824.3	27.1	28.4	27.9	44.7	46.5	45.9	130.2	124.5	122.9
35	CONNECTICUT	1,441.3	1,395.8	1,415.7	(2)	(2)	(2)	54.6	53.9	54.0	437.9	392.2	398.8
36	Bridgeport	171.5	167.0	167.9	(2)	(2)	(2)	6.7	6.9	6.9	65.3	62.5	62.0
37	Hartford	400.5	388.2	397.0	(2)	(2)	(2)	12.7	12.2	12.5	96.8	85.8	89.6
38	New Britain	63.4	57.9	60.0	(2)	(2)	(2)	2.6	2.6	2.6	29.4	24.1	25.4
39	New Haven—West Haven	190.7	180.3	189.9	(2)	(2)	(2)	6.9	7.0	7.0	41.7	38.8	39.5
40	Stamford	113.4	111.6	113.0	(2)	(2)	(2)	6.1	5.9	5.9	31.8	29.6	30.7
41	Waterbury	88.6	87.3	88.1	(2)	(2)	(2)	2.9	3.3	3.3	32.4	29.8	30.2
42	DELAWARE	281.2	258.2	259.4	(1)	(1)	(1)	14.4	14.7	14.5	72.5	66.7	69.7
43	Wilmington	228.9	221.2	224.0	(1)	(1)	(1)	14.7	14.8	14.5	65.8	59.0	62.3
44	DISTRICT OF COLUMBIA	603.4	624.6	604.8	(1)	(1)	(1)	12.1	12.0	12.0	13.9	14.6	14.5
45	Washington SMSA	1,592.7	1,613.1	1,594.9	(1)	(1)	(1)	78.1	70.1	69.6	57.8	61.2	61.0
46	FLORIDA	3,657.2	3,702.4	3,744.0	11.0	9.1	9.4	289.5	255.8	252.5	468.7	442.6	447.5
47	Daytona Beach	79.6	75.3	75.7	–	–	–	5.2	4.1	4.1	8.5	8.9	8.7
48	Fort Lauderdale—Hollywood	354.7	339.6	342.1	(1)	(1)	(1)	29.1	24.9	24.6	41.3	33.2	34.0
49	Fort Myers—Cape Coral	74.3	68.8	71.7	(1)	(1)	(1)	8.8	8.1	8.5	5.9	4.5	4.2
50	Gainesville	68.9	65.9	67.3	(1)	(1)	(1)	3.4	2.8	2.9	4.5	4.4	4.3
51	Jacksonville	301.0	297.3	302.7	(1)	(1)	(1)	18.1	17.9	17.9	34.2	33.1	33.1
52	Lakeland—Winter Haven	120.3	105.4	109.4	6.0	3.7	3.9	10.2	7.6	7.6	21.6	17.3	17.8
53	Melbourne—Titusville—Cocoa	147.1	109.5	105.1	(1)	(1)	(1)	6.6	5.8	5.8	24.2	23.8	23.9
54	Miami	742.1	717.0	720.6	(1)	(1)	(1)	39.2	33.9	33.8	99.2	95.9	95.9
55	Orlando	300.9	294.6	299.8	(1)	(1)	(1)	21.7	20.0	19.4	38.6	36.5	36.9
56	Pensacola	99.6	97.5	98.6	(1)	(1)	(1)	7.1	6.4	6.5	12.5	11.8	11.9
57	Sarasota	71.4	70.9	71.3	(1)	(1)	(1)	7.4	6.3	6.2	5.4	5.8	5.7
58	Tallahassee	75.6	73.6	72.8	(1)	(1)	(1)	3.4	3.8	3.6	2.9	2.8	2.9
59	Tampa—St. Petersburg	569.4	554.7	564.6	(1)	(1)	(1)	42.7	36.3	36.3	79.6	75.9	76.2
60	West Palm Beach—Boca Raton	218.3	209.1	210.9	(1)	(1)	(1)	20.7	17.0	16.9	28.9	27.7	27.5

See footnotes at end of table.

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
SEP. 1981	AUG. 1982	SEP. 1982P	SEP. 1981	AUG. 1982	SEP. 1982P	SEP. 1981	AUG. 1982	SEP. 1982P	SEP. 1981	AUG. 1982	SEP. 1982P	SEP. 1981	AUG. 1982	SEP. 1982P	
71.9	70.6	66.8	273.6	271.8	271.9	59.3	59.5	59.2	213.3	213.4	214.0	285.7	290.6	288.3	1
29.8	29.8	27.6	81.6	81.3	81.2	22.9	22.9	22.7	69.4	71.2	71.3	53.2	51.9	51.1	2
2.7	2.6	2.6	22.2	22.6	22.7	3.6	3.6	3.5	19.2	19.5	20.0	35.0	35.1	35.3	3
10.3	10.1	(*)	36.9	35.4	(*)	7.3	7.2	(*)	30.5	30.7	(*)	26.4	25.4	(*)	4
4.5	4.4	4.4	23.4	23.1	23.1	6.3	6.4	6.3	20.9	20.8	21.0	29.1	28.2	28.8	5
1.7	1.7	1.7	10.1	9.7	9.7	1.7	1.7	1.7	6.5	6.4	6.5	17.1	17.2	17.4	6
19.4	19.8	20.2	32.3	34.5	35.2	8.7	9.3	9.4	32.7	35.1	34.7	56.7	58.9	61.7	7
54.0	54.9	54.7	253.7	254.8	256.8	62.1	61.8	61.7	215.4	221.4	221.0	198.9	182.5	206.8	8
33.0	34.1	34.0	169.2	168.7	170.2	48.0	47.6	47.5	140.6	145.0	145.0	98.4	91.4	104.2	9
9.1	8.8	8.8	42.2	43.5	43.7	8.9	9.0	9.1	41.1	41.7	42.4	44.3	38.7	46.2	10
44.3	43.6	44.0	162.7	162.8	162.8	32.1	33.4	33.1	117.4	118.9	119.5	136.9	128.3	140.4	11
3.9	4.2	4.3	16.5	16.7	16.9	2.3	2.4	2.3	9.6	9.4	9.8	11.4	10.1	11.7	12
3.6	3.4	3.3	14.6	13.9	13.9	2.6	2.6	2.5	12.0	12.1	12.0	10.1	8.9	10.8	13
13.5	13.5	13.5	42.2	42.5	42.8	12.8	13.1	13.1	36.0	37.6	37.8	37.2	35.6	37.2	14
3.8	3.8	3.7	6.4	6.3	6.4	1.3	1.4	1.4	5.3	5.5	5.5	6.6	5.7	6.6	15
563.0	549.9	555.4	2,351.3	2,339.8	2,344.9	651.5	659.2	658.2	2,295.9	2,350.3	2,352.1	1,704.6	1,629.8	1,685.4	16
29.9	29.2	29.2	213.3	217.7	217.5	62.1	61.6	61.2	185.2	190.2	188.6	97.6	93.3	96.7	17
8.0	7.5	7.5	34.6	34.2	34.2	5.3	5.3	5.3	25.3	25.4	25.5	31.8	30.5	31.6	18
11.1	10.8	10.9	50.0	48.8	49.0	11.6	11.8	11.8	37.7	38.1	38.3	38.6	36.3	39.2	19
205.4	196.5	199.5	827.0	827.0	833.2	241.8	240.0	239.8	866.9	878.1	884.9	448.4	423.3	444.1	20
4.1	3.9	3.9	22.3	21.7	22.2	3.6	3.6	3.6	17.9	18.2	18.2	16.1	15.1	16.8	21
7.0	7.0	7.0	38.5	39.7	39.5	8.3	8.5	8.5	32.4	32.5	32.5	35.7	36.3	35.7	22
26.4	25.8	25.8	108.7	109.3	109.9	19.9	19.8	19.8	93.9	96.5	95.5	98.9	92.2	98.7	23
23.1	22.0	21.7	96.7	94.8	95.7	22.8	22.6	22.5	78.5	78.2	78.4	141.5	136.9	143.0	24
5.0	4.9	4.9	24.3	24.1	24.2	4.4	4.4	4.4	20.6	20.5	20.6	24.5	22.7	22.9	25
29.5	29.5	29.3	153.6	149.3	149.9	40.9	40.9	40.7	157.9	161.8	160.6	137.4	127.8	137.8	26
132.9	127.6	127.3	366.6	365.5	366.1	152.0	153.2	152.8	375.3	380.8	384.6	278.4	269.4	274.2	27
23.2	22.1	22.1	130.1	133.0	133.6	28.9	28.2	28.3	158.9	162.4	161.3	72.9	70.7	73.5	28
5.5	5.4	5.4	29.6	29.4	29.3	5.9	6.0	6.0	34.3	34.9	34.9	23.7	22.8	22.4	29
5.0	4.9	4.9	23.7	23.7	23.7	6.0	6.0	6.0	20.4	20.6	20.7	19.4	17.4	19.4	30
8.8	8.9	8.2	29.4	28.3	28.2	5.3	5.4	5.4	25.3	24.9	25.4	27.1	23.8	26.5	31
4.8	4.6	4.6	22.8	23.1	23.0	3.5	3.4	3.4	19.8	19.9	20.1	33.5	33.1	33.0	32
82.5	80.8	80.7	314.6	316.7	317.1	79.9	82.7	82.5	265.5	278.0	273.0	239.0	224.2	233.9	33
57.6	56.3	56.3	196.2	196.5	196.3	56.9	59.2	59.0	179.0	185.8	183.2	136.2	126.5	132.7	34
61.6	59.5	61.2	303.5	306.0	310.1	112.2	117.1	116.2	293.5	301.6	301.4	178.0	165.5	174.0	35
6.1	6.0	6.2	35.2	34.6	34.9	7.8	7.8	7.8	36.1	35.8	35.9	16.3	15.4	16.2	36
14.6	13.7	14.6	85.4	84.7	86.0	61.3	64.6	63.8	75.8	76.2	77.3	53.9	51.0	53.2	37
3.2	3.4	3.4	10.4	10.1	10.5	1.9	1.9	1.9	10.0	10.3	10.5	5.9	5.5	6.0	38
15.8	15.2	15.7	40.9	40.6	41.1	11.1	11.6	11.6	49.6	50.5	50.9	24.7	22.6	24.1	39
4.7	4.7	4.7	25.8	26.3	26.2	8.4	8.7	8.6	26.3	26.9	26.6	10.3	9.5	10.3	40
3.1	3.0	3.2	16.0	16.2	16.5	3.8	3.9	3.9	19.2	20.2	19.8	11.2	10.9	11.2	41
12.2	11.6	11.9	57.6	58.4	57.5	13.0	13.1	12.8	49.6	50.5	49.6	41.8	43.1	43.4	42
11.8	11.4	11.6	47.4	46.4	46.4	12.1	12.3	12.0	44.4	44.6	43.8	32.8	32.8	33.4	43
26.7	26.6	26.7	63.8	64.5	64.2	34.1	34.2	33.9	185.9	186.3	188.6	266.9	286.4	264.9	44
72.5	73.9	73.7	310.4	314.7	314.8	92.2	93.5	93.0	448.1	454.6	456.1	533.6	545.1	525.9	45
227.4	230.6	230.2	964.3	1,006.2	1,008.9	272.8	278.3	277.1	859.2	909.4	912.5	604.3	572.2	605.8	46
3.2	3.3	3.3	22.5	22.7	21.9	4.8	4.7	4.7	20.7	21.3	20.7	14.7	10.8	10.7	47
17.6	17.6	17.6	102.6	99.2	99.1	31.4	30.8	30.8	84.6	84.6	84.1	48.1	44.3	47.9	48
4.3	4.5	4.4	19.8	19.8	19.9	6.6	6.6	6.7	16.3	16.2	16.3	11.6	9.1	11.8	49
1.6	1.7	1.8	14.8	13.8	14.1	3.1	3.2	3.2	14.3	13.9	13.9	27.2	26.1	27.1	50
24.5	25.0	25.2	78.4	78.6	78.4	27.9	28.2	28.2	64.5	64.9	65.4	53.4	49.6	54.5	51
5.3	5.0	5.0	29.3	27.3	27.5	6.6	6.9	6.9	24.2	23.2	23.6	17.1	14.4	17.1	52
4.7	4.6	4.6	22.4	21.6	22.0	4.4	4.1	4.1	26.4	25.5	25.9	18.4	19.1	18.8	53
72.9	70.6	70.9	195.6	191.0	191.1	57.7	56.1	55.8	182.0	178.3	178.3	95.5	91.2	94.8	54
15.0	15.6	15.4	80.1	79.2	79.5	20.6	20.6	20.4	82.1	83.7	84.1	42.8	36.0	44.1	55
5.0	5.3	4.9	24.0	24.5	24.5	4.4	4.6	4.7	20.7	21.8	21.4	25.9	22.7	24.8	56
3.2	3.2	3.2	20.8	21.0	21.4	5.8	5.9	5.9	18.0	18.4	18.5	9.8	10.3	10.4	57
3.0	3.1	3.1	15.6	15.1	15.5	3.5	3.5	3.5	13.9	14.1	14.1	33.3	31.2	30.1	58
32.2	32.7	32.8	156.7	154.6	155.3	41.3	42.1	42.1	135.9	136.1	136.2	81.0	77.0	85.7	59
9.5	9.8	9.8	56.8	54.8	55.8	18.3	17.6	17.4	53.2	51.4	51.9	30.9	30.8	31.2	60

ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

State and areas	Total			Mining			Construction			Manufacturing		
	SEP. 1981	AUG. 1982	SEP. 1982P	SEP. 1981	AUG. 1982	SEP. 1982P	SEP. 1981	AUG. 1982	SEP. 1982P	SEP. 1981	AUG. 1982	SEP. 1982P
GEORGIA	2,183.7	2,149.1	2,151.1	7.9	7.8	7.9	102.4	99.8	97.9	524.4	493.5	493.5
Albany	44.7	43.9	44.0	(1)	(1)	(1)	2.3	2.4	2.4	12.2	11.8	11.8
Atlanta	984.4	994.0	995.5	(1)	(1)	(1)	44.7	45.7	44.4	145.2	139.5	140.4
Augusta	122.6	122.2	122.3	(1)	(1)	(1)	5.3	5.4	5.3	35.4	33.7	33.6
Columbus	80.4	79.2	78.8	(1)	(1)	(1)	4.8	4.9	4.4	21.5	19.1	19.0
Macon	98.6	97.6	97.8	(1)	(1)	(1)	3.7	3.6	3.5	17.7	17.4	17.3
Savannah	89.3	88.4	87.5	(1)	(1)	(1)	5.1	4.7	4.8	17.2	16.1	16.1
HAWAII	356.3	403.3	393.8	-	-	-	22.1	18.5	18.4	22.6	24.2	22.5
Honolulu	325.3	329.9	321.5	-	-	-	18.3	14.6	14.4	16.5	17.9	16.4
IDAHO	335.3	307.6	315.9	5.7	5.2	5.2	18.6	14.6	14.1	54.7	48.9	50.1
Boise City	79.3	75.5	75.8	(1)	(1)	(1)	6.1	5.0	4.7	9.1	8.9	8.9
ILLINOIS	4,782.4	4,613.4	4,589.8	29.1	28.4	28.3	171.8	168.4	173.3	1,145.2	1,009.1	1,004.3
Bloomington—Normal	51.3	47.7	48.7	(2)	(2)	(2)	1.8	1.9	1.8	7.0	5.7	5.6
Champaign—Urbana—Rantoul	75.6	70.4	74.8	(2)	(2)	(2)	1.9	1.5	1.3	7.8	7.2	7.5
Chicago—Gary	(3)	3,403.0	3,384.5	(3)	4.1	4.1	(3)	119.6	118.5	(3)	774.7	769.2
Chicago SMSA	3,226.9	3,166.7	3,141.5	9.0	9.0	9.0	95.6	105.8	104.7	773.7	697.2	693.5
Davenport—Rock Island—Moline	162.2	153.6	150.6	(2)	(2)	(2)	7.9	7.7	7.7	49.2	41.9	40.1
Decatur	56.0	50.1	52.1	(2)	(2)	(2)	2.5	2.3	2.3	20.5	15.9	17.1
Kankakee	33.5	32.6	32.1	(2)	(2)	(2)	1.9	1.6	1.5	8.6	7.7	7.6
Peoria	149.8	137.2	135.3	(2)	(2)	(2)	7.3	7.6	7.6	49.0	37.7	36.3
Rockford	118.6	105.7	108.7	(2)	(2)	(2)	3.9	3.8	3.7	50.3	39.5	42.3
Springfield	87.1	92.9	87.6	(2)	(2)	(2)	4.3	4.4	4.2	6.4	6.3	6.2
INDIANA	2,141.4	2,006.9	2,028.3	10.1	8.9	8.9	94.1	86.9	85.9	668.8	588.5	589.4
Anderson	45.5	41.8	42.9	(1)	(1)	(1)	1.1	1.2	1.2	19.7	16.8	17.5
Elkhart	68.8	65.4	65.6	-	-	-	2.2	2.0	1.9	35.3	33.0	33.0
Evansville	127.1	123.7	123.2	3.0	2.9	2.9	7.4	6.9	6.9	35.6	32.9	32.6
Fort Wayne	174.7	162.3	163.2	(1)	(1)	(1)	8.3	7.4	7.2	54.9	47.8	47.6
Gary—Hammond—East Chicago	250.5	236.3	233.0	(1)	(1)	(1)	15.2	13.8	13.8	90.3	77.5	75.7
Indianapolis	539.8	515.6	516.7	(1)	(1)	(1)	23.7	22.6	22.1	123.2	110.2	111.7
Lafayette—West Lafayette	58.8	52.3	57.7	(1)	(1)	(1)	2.9	2.5	2.4	11.3	10.4	10.4
Muncie	45.1	43.9	44.5	(1)	(1)	(1)	1.4	1.2	1.2	12.5	10.6	10.6
South Bend	106.4	101.8	103.1	(1)	(1)	(1)	4.4	3.8	3.7	30.7	29.4	29.0
Terre Haute	62.0	54.9	56.7	1.5	1.3	1.2	3.4	2.5	2.5	15.0	13.3	13.1
IOWA	1,656.1	1,627.5	1,648.0	2.1	2.0	2.0	49.7	49.8	44.1	237.2	202.6	206.3
Cedar Rapids	81.1	74.3	74.9	(1)	(1)	(1)	3.5	3.1	3.2	26.1	22.0	22.2
Des Moines	174.4	167.5	169.2	(1)	(1)	(1)	6.8	5.7	5.6	23.0	18.6	20.2
Dubuque	42.3	37.4	37.5	(1)	(1)	(1)	1.3	1.2	1.2	14.8	10.4	10.1
Sioux City	49.3	45.1	47.6	(1)	(1)	(1)	2.2	1.6	1.6	9.2	6.3	8.2
Waterloo—Cedar Falls	65.1	58.5	60.2	(1)	(1)	(1)	2.2	2.3	2.2	22.9	18.6	19.1
KANSAS	953.5	906.1	919.9	19.8	17.8	17.3	43.6	39.1	37.4	167.4	160.3	161.2
Lawrence	28.7	26.1	28.0	(2)	(2)	(2)	1.0	.9	.8	4.7	4.4	4.4
Topeka	85.5	82.9	82.8	.2	.2	.2	3.4	3.1	2.9	9.8	9.1	8.6
Wichita	207.6	189.5	194.3	3.6	3.6	3.6	10.5	9.2	9.2	63.5	48.7	51.0
KENTUCKY	1,206.1	1,125.2	1,141.9	54.9	51.3	50.2	53.9	46.4	46.8	277.8	244.4	244.3
Lexington—Fayette	144.9	134.5	142.0	(1)	(1)	(1)	6.1	4.7	4.9	29.5	26.8	26.8
Louisville	385.4	367.1	366.0	(1)	(1)	(1)	18.2	17.1	17.0	99.0	82.5	82.8
Owensboro	31.4	27.8	27.7	1.2	.8	.6	1.7	1.3	1.2	7.0	5.7	5.7
LOUISIANA	1,647.9	1,608.7	1,613.3	99.1	98.0	97.3	144.6	133.9	131.7	223.5	197.6	197.3
Alexandria	54.0	54.1	54.5	(1)	(1)	(1)	4.1	4.1	4.0	5.5	5.7	5.6
Baton Rouge	208.0	201.0	204.6	1.2	1.4	1.3	26.3	18.9	18.5	26.9	25.0	24.8
Lafayette	92.4	97.3	98.1	18.6	20.0	20.0	5.7	6.1	6.0	4.9	5.4	5.4
Lake Charles	71.0	63.7	63.7	2.5	2.3	2.3	10.3	5.8	5.6	13.3	10.6	10.8
Monroe	50.4	48.3	49.6	.7	.6	.6	3.4	3.5	3.6	8.0	6.6	6.6
New Orleans	520.3	508.9	508.2	20.7	21.9	21.9	30.4	30.7	30.2	53.4	47.5	47.2
Shreveport	155.3	147.8	148.4	8.4	8.1	8.9	8.8	8.7	8.2	28.9	25.7	25.3
MAINE	422.2	422.1	414.1	(1)	(1)	(1)	19.3	18.4	18.6	114.5	109.9	108.5
Lewiston—Auburn	34.6	34.1	33.8	(1)	(1)	(1)	1.4	1.3	1.3	11.8	10.8	10.7
Portland	93.2	95.9	95.5	(1)	(1)	(1)	4.0	4.1	4.1	18.0	17.3	17.1
MARYLAND	1,768.9	1,662.7	1,666.6	(1)	(1)	(1)	97.7	83.6	82.1	233.1	207.1	209.3
Baltimore SMSA	953.5	925.7	930.3	(1)	(1)	(1)	45.1	37.1	36.2	156.7	136.5	139.1
Baltimore City	444.0	430.4	431.7	(1)	(1)	(1)	17.5	14.1	13.2	63.6	56.8	58.1

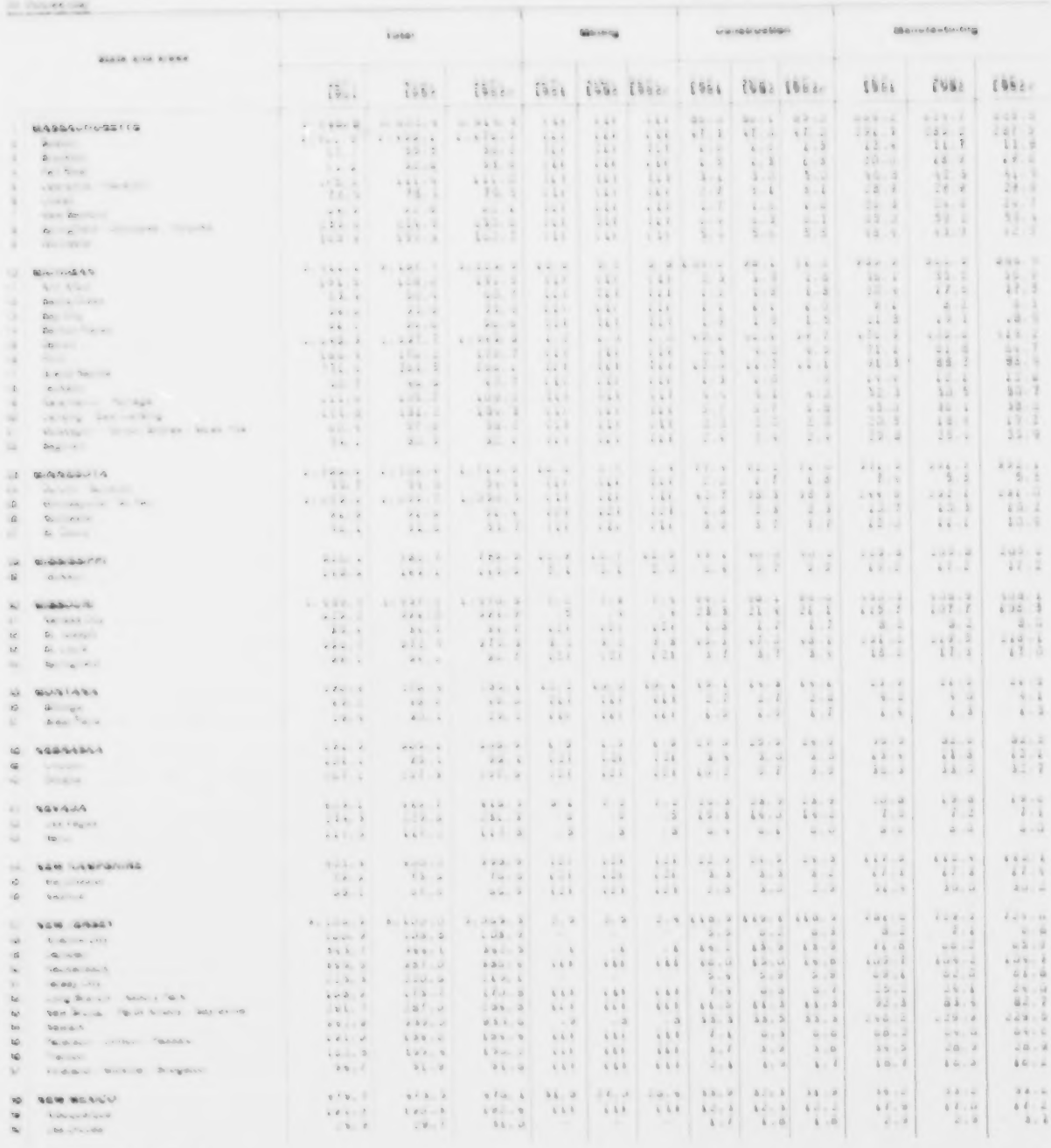
See footnotes at end of table.

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
SEP. 1981	AUG. 1982	SEP. 1982P	SEP. 1981	AUG. 1982	SEP. 1982P	SEP. 1981	AUG. 1982	SEP. 1982P	SEP. 1981	AUG. 1982	SEP. 1982P	SEP. 1981	AUG. 1982	SEP. 1982P	
144.8	142.3	141.9	503.8	496.5	495.9	119.0	116.9	115.7	361.7	367.7	368.2	429.7	429.6	430.6	1
2.3	2.2	2.2	9.3	9.9	9.5	2.0	2.1	2.1	6.5	6.0	6.0	10.6	10.1	10.1	2
89.7	90.3	89.0	268.3	274.1	273.8	67.6	69.2	68.0	210.2	219.4	219.5	158.7	155.7	160.0	3
4.9	4.5	4.4	22.7	23.5	23.7	4.4	4.6	4.7	16.1	16.2	16.3	32.0	31.7	32.4	4
3.3	3.2	3.1	15.9	15.6	15.4	5.9	5.5	5.5	11.7	11.5	11.3	18.3	17.4	18.1	5
4.6	4.5	4.4	20.4	20.5	20.6	6.2	6.1	6.0	17.2	16.9	16.7	28.8	28.7	29.2	6
9.1	7.7	7.9	21.8	21.7	21.6	4.1	4.2	4.2	16.2	16.6	16.3	15.9	15.3	16.6	7
31.4	30.4	30.4	104.8	105.7	105.1	32.2	32.2	31.8	101.3	101.2	101.5	81.9	91.1	84.1	8
26.3	25.3	25.3	86.9	87.3	87.2	27.6	27.8	27.4	81.1	80.4	80.6	68.5	76.6	70.2	9
20.2	19.0	19.1	82.4	77.7	79.5	23.2	22.6	22.5	60.9	59.0	59.4	69.6	62.6	68.0	10
5.3	5.1	5.1	20.2	19.5	19.5	8.0	7.6	7.6	14.8	14.9	15.0	15.8	14.5	15.0	11
285.3	269.8	271.4	1,101.1	1,073.5	1,075.3	318.5	320.6	316.7	962.8	976.9	935.5	768.6	765.2	748.0	12
3.2	3.1	3.1	12.3	12.0	11.9	7.7	7.9	7.9	8.3	8.4	8.3	10.7	8.7	10.1	13
2.7	2.5	2.6	19.7	19.0	19.4	2.5	2.4	2.4	11.7	11.6	11.5	29.3	26.0	30.1	14
(*)	203.5	204.8	(*)	800.4	801.6	(*)	252.8	250.1	(*)	750.0	750.4	(*)	497.9	475.8	15
198.1	189.7	191.2	763.6	749.3	750.5	240.7	243.8	241.1	697.9	712.1	712.2	446.8	464.8	444.3	16
6.9	6.6	6.6	40.6	39.2	39.2	7.1	7.2	7.1	24.4	24.0	23.8	26.1	26.4	26.1	17
5.3	5.1	5.2	11.5	11.3	11.4	2.7	2.7	2.6	8.7	8.6	8.6	4.8	4.7	4.9	18
1.4	1.4	1.4	6.9	6.9	6.9	1.1	1.1	1.1	6.6	6.4	6.3	7.0	7.5	7.3	19
8.0	7.8	7.8	35.2	33.9	33.8	7.1	7.0	7.0	25.9	25.8	25.4	17.3	17.4	17.4	20
4.4	4.3	4.2	24.0	23.7	23.5	4.2	4.2	4.2	18.8	18.6	18.6	12.4	11.6	12.2	21
4.7	4.5	4.5	19.0	20.7	18.7	6.6	6.7	6.9	18.3	20.4	18.4	27.8	29.9	29.1	22
104.4	99.2	98.8	472.3	462.0	463.8	101.6	100.7	99.7	344.9	347.4	347.8	345.4	313.3	334.0	23
1.3	1.1	1.1	9.4	9.0	9.1	1.6	1.6	1.6	7.2	7.2	7.3	5.3	4.9	5.1	24
2.1	2.0	2.0	13.1	12.8	12.8	2.1	2.1	2.1	9.1	9.0	9.0	4.9	4.5	4.8	25
7.1	7.0	7.0	31.5	31.5	31.5	4.7	4.7	4.7	25.3	25.9	25.6	12.5	12.4	12.5	26
11.0	10.4	10.3	42.8	40.8	40.8	13.5	10.5	10.5	29.4	28.6	28.8	17.8	16.8	18.0	27
14.7	13.8	13.6	51.6	51.1	51.1	9.1	9.0	9.0	38.1	38.0	38.3	31.5	33.1	31.5	28
31.3	30.0	30.0	133.3	131.4	131.1	38.8	38.5	38.2	98.2	99.3	99.6	86.3	83.6	84.0	29
1.4	1.4	1.4	11.2	11.0	11.4	2.5	2.5	2.5	9.4	9.4	9.5	20.1	15.1	20.1	30
2.1	2.0	2.0	12.5	12.1	12.1	1.5	1.4	1.4	8.4	8.4	8.5	10.7	8.2	10.7	31
4.6	4.3	4.3	25.4	24.7	24.8	5.2	5.2	5.2	23.6	22.6	23.8	12.5	11.8	12.3	32
3.4	3.1	3.1	15.1	13.9	13.4	2.0	1.8	1.8	9.5	8.9	9.3	12.1	10.5	12.3	33
53.9	50.8	50.6	276.0	267.5	267.4	59.5	60.1	59.6	210.7	207.1	211.4	207.0	192.5	206.7	34
3.7	3.7	3.6	18.8	17.7	17.6	4.3	4.2	4.1	15.6	15.5	15.6	9.1	8.0	8.5	35
11.1	11.1	11.1	45.6	44.1	44.2	22.0	23.0	22.6	40.6	39.0	39.7	25.8	26.0	25.6	36
1.6	1.5	1.5	9.2	8.8	8.8	1.3	1.3	1.3	10.4	10.8	10.9	3.6	3.2	3.5	37
3.9	3.8	3.8	12.9	12.8	12.8	2.8	2.7	2.7	12.3	12.5	12.7	6.3	5.5	6.0	38
2.4	2.3	2.3	13.7	13.2	13.3	2.1	2.0	2.0	11.2	10.9	10.9	10.7	9.2	10.4	39
63.5	62.6	62.2	228.9	225.7	224.9	47.8	48.3	47.6	175.5	180.1	180.1	187.0	172.2	189.2	40
1.5	1.4	1.4	5.4	5.3	5.6	.8	.8	.8	9.2	9.1	9.2	11.1	9.2	10.8	41
8.4	8.1	8.2	18.6	18.0	18.1	6.0	5.9	5.8	17.8	17.8	17.7	21.3	20.7	21.3	42
10.3	10.8	10.7	47.5	44.9	45.2	9.7	9.9	9.9	40.3	40.5	40.4	22.4	21.9	24.3	43
67.6	65.3	65.3	257.6	247.9	246.3	51.5	51.8	51.2	215.2	213.5	213.5	228.1	204.6	224.3	44
7.5	7.5	7.5	32.1	31.7	31.7	7.0	6.8	6.7	29.5	29.9	31.1	33.2	32.1	33.3	45
23.4	22.3	22.1	86.9	86.8	87.1	24.2	24.1	23.9	77.1	79.4	78.8	58.7	54.9	54.2	46
2.3	2.3	2.3	7.1	6.3	6.2	1.3	1.3	1.3	6.2	5.5	5.5	4.6	4.6	4.7	47
133.1	130.9	130.0	373.8	369.8	369.5	74.8	76.5	76.1	291.7	296.8	298.9	307.3	303.2	312.5	48
2.4	2.4	2.4	11.7	11.9	11.9	3.0	3.0	3.0	11.4	11.4	11.6	15.9	15.6	16.0	49
11.1	11.2	11.1	47.0	47.4	47.9	12.3	12.7	12.6	35.6	37.5	37.4	47.6	46.9	51.0	50
7.0	7.9	7.8	23.6	25.6	25.5	3.3	3.5	3.5	18.3	19.4	19.1	11.0	9.4	10.8	51
4.5	4.9	4.8	15.3	15.4	15.5	2.9	3.0	2.8	11.0	10.7	10.9	11.2	11.0	11.0	52
2.6	2.5	2.5	13.2	12.4	12.6	3.9	3.9	3.9	8.9	9.0	9.1	9.7	9.8	10.7	53
55.6	54.0	53.8	130.8	128.5	128.5	31.2	31.0	32.9	116.9	111.9	114.9	81.3	83.4	80.8	54
9.2	9.4	9.2	35.9	34.3	34.3	7.1	7.2	7.2	31.0	32.2	32.1	26.0	24.2	26.2	55
18.8	19.2	18.5	90.7	93.0	89.7	17.2	18.2	18.0	81.6	86.4	81.0	80.1	77.0	79.8	56
1.2	1.2	1.2	8.0	8.3	8.3	1.8	1.7	1.7	7.4	8.0	7.7	3.0	2.8	2.9	57
5.7	6.2	5.9	25.3	26.6	26.2	7.6	8.4	8.4	20.9	22.3	22.1	11.7	11.0	11.7	58
86.9	81.7	83.1	407.5	413.0	414.5	99.1	96.3	95.1	383.4	388.1	387.5	406.2	392.9	394.6	59
58.2	53.3	54.0	222.7	229.8	232.3	58.0	59.2	58.4	202.7	203.5	204.6	210.1	206.3	205.7	60
39.8	37.2	37.3	96.6	96.7	97.7	38.8	39.7	39.2	105.0	105.6	107.5	81.7	80.3	78.7	61

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued



B-8 Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

	State and areas	Total			Mining			Construction			Manufacturing		
		SEP. 1981	AUG. 1982	SEP. 1982p	SEP. 1981	AUG. 1982	SEP. 1982p	SEP. 1981	AUG. 1982	SEP. 1982p	SEP. 1981	AUG. 1982	SEP. 1982p
1	NEW YORK	7,255.2	7,269.4	7,251.1	8.6	8.5	8.4	229.7	221.0	220.2	1,446.0	1,371.2	1,377.5
2	Albany—Schenectady—Troy	338.1	336.0	335.5	(1)	(1)	(1)	10.3	10.0	10.0	56.1	50.1	51.8
3	Binghamton	116.2	116.8	117.1	(1)	(1)	(1)	4.1	4.1	3.9	43.4	42.8	41.9
4	Buffalo	493.1	470.8	472.0	(1)	(1)	(1)	17.8	16.1	15.8	128.7	111.5	112.6
5	Elmira	36.6	34.2	34.0	(1)	(1)	(1)	1.2	1.2	1.2	11.4	8.9	8.8
6	Monroe County [2]	341.3	342.3	341.0	(1)	(1)	(1)	10.7	10.5	10.2	139.6	140.6	138.1
7	Nassau—Suffolk [3]	920.2	932.5	928.8	(1)	(1)	(1)	37.2	36.3	35.9	168.3	165.5	165.1
8	New York—Northeastern New Jersey	6,711.4	(4)	(4)	2.9	(4)	(4)	207.9	(4)	(4)	1,320.9	(4)	(4)
9	New York and Nassau—Suffolk [3]	4,724.2	4,749.2	4,739.0	1.9	1.8	1.8	143.7	138.7	138.8	746.6	719.2	725.2
10	New York SMSA [3]	3,804.0	3,816.7	3,810.2	1.7	1.6	1.6	106.4	102.4	103.0	578.3	553.7	560.1
11	New York City [3]	3,352.2	3,365.0	3,357.6	1.4	1.4	1.4	86.0	81.8	82.5	486.5	468.2	471.5
12	Poughkeepsie	100.9	101.3	102.3	(1)	(1)	(1)	2.9	2.9	2.9	33.1	34.6	34.0
13	Rochester	415.8	418.9	417.0	(1)	(1)	(1)	12.9	12.5	12.2	161.6	160.7	158.0
14	Rockland County [3]	82.1	83.4	82.9	(1)	(1)	(1)	2.8	3.1	3.0	15.8	15.4	15.4
15	Syracuse	258.7	252.0	255.2	(1)	(1)	(1)	10.3	10.4	10.5	60.0	55.4	56.0
16	Utica—Rome	114.2	112.9	112.5	(1)	(1)	(1)	2.9	2.9	2.9	30.1	27.5	27.4
17	Westchester County [3]	357.2	355.3	358.9	(1)	(1)	(1)	16.8	16.7	16.7	74.7	68.8	71.9
18	NORTH CAROLINA	2,403.3	2,358.3	2,344.4	9.8	9.7	9.8	116.2	106.0	105.4	824.8	771.4	774.1
19	Asheville	73.2	71.8	71.5	(1)	(1)	(1)	3.2	2.9	3.0	22.1	20.6	20.5
20	Charlotte—Gastonia	341.8	327.9	331.8	(1)	(1)	(1)	18.5	17.7	17.4	95.6	91.6	91.2
21	Greensboro—Winston-Salem—High Pt.	392.2	373.7	380.8	(1)	(1)	(1)	17.5	15.7	15.7	149.3	140.1	140.8
22	Raleigh—Durham	277.6	269.0	276.3	(1)	(1)	(1)	13.7	13.0	12.9	45.9	44.7	44.6
23	NORTH DAKOTA	252.9	251.1	254.0	11.6	9.7	9.6	18.2	18.7	18.2	15.2	14.7	15.6
24	Fargo—Moorhead	60.8	60.1	61.9	(2)	(2)	(2)	3.5	3.5	3.4	4.0	4.7	4.9
25	OHIO	4,359.3	4,179.0	4,217.5	32.6	31.9	32.9	165.9	154.0	154.5	1,252.9	1,106.4	1,116.4
26	Akron	262.9	250.9	255.9	(4)	(4)	(4)	8.5	7.9	7.9	76.8	69.2	70.0
27	Canton	158.8	153.4	154.2	(4)	(4)	(4)	5.6	5.4	5.4	56.5	50.3	50.6
28	Cincinnati	598.2	582.4	588.3	(4)	(4)	(4)	23.6	22.1	22.3	159.7	150.1	150.4
29	Cleveland	883.1	857.7	855.2	(4)	(4)	(4)	29.5	27.3	27.5	249.9	226.6	228.6
30	Columbus	508.5	502.5	505.1	(4)	(4)	(4)	19.3	18.1	18.0	94.3	88.0	88.2
31	Dayton	358.2	341.0	347.2	(4)	(4)	(4)	12.5	11.6	11.5	99.6	88.5	89.4
32	Toledo	291.8	281.3	283.8	(4)	(4)	(4)	12.3	10.1	11.2	76.9	68.8	69.2
33	Youngstown—Warren	202.2	183.3	186.8	(4)	(4)	(4)	6.9	6.2	6.3	69.4	52.7	56.0
34	OKLAHOMA	1,208.8	1,203.7	1,204.3	99.5	96.5	90.8	54.7	59.2	57.5	200.9	178.2	172.7
35	Enid	26.8	25.9	25.7	3.2	2.8	2.7	1.4	1.3	1.3	2.9	2.4	2.2
36	Lawton	29.6	28.8	29.4	(1)	(1)	(1)	1.4	1.4	1.5	3.2	3.1	3.1
37	Oklahoma City	429.0	439.6	444.4	27.3	29.1	29.0	22.4	23.6	23.2	57.4	52.1	51.0
38	Tulsa	325.1	324.5	323.7	26.9	28.5	28.4	16.3	17.5	17.2	68.3	61.0	59.8
39	OREGON	1,031.8	964.3	975.1	2.5	2.5	2.6	39.2	32.5	33.0	213.1	196.7	196.5
40	Eugene—Springfield	100.6	92.7	94.5	(1)	(1)	(1)	4.0	3.0	3.0	19.6	17.5	17.9
41	Jackson County	–	–	–	–	–	–	–	–	–	7.5	6.6	6.7
42	Portland	546.6	515.5	518.4	(1)	(1)	(1)	22.1	19.8	19.5	109.6	100.9	99.9
43	Salem	89.2	89.1	90.5	(1)	(1)	(1)	3.4	2.9	3.1	17.0	18.4	17.6
44	PENNSYLVANIA	4,720.4	4,483.3	4,496.1	50.4	41.5	41.7	198.2	173.9	171.3	1,318.6	1,147.8	1,143.9
45	Allentown—Bethlehem—Easton	267.2	250.5	250.6	(1)	(1)	(1)	8.5	7.7	7.4	106.4	92.2	92.6
46	Altoona	50.2	47.4	48.5	(1)	(1)	(1)	2.1	2.1	2.2	13.1	12.2	12.0
47	Delaware Valley [5]	1,551.9	1,529.5	1,534.6	(1)	(1)	(1)	62.7	56.3	56.2	360.8	330.6	329.9
48	Erie	110.7	105.5	104.9	(1)	(1)	(1)	3.1	3.6	3.1	41.9	38.4	38.2
49	Harrisburg	227.2	226.2	223.4	(1)	(1)	(1)	8.4	7.7	7.5	42.3	41.3	40.0
50	Johnstown	82.9	77.7	75.4	6.4	6.7	6.7	3.0	2.2	2.3	16.8	15.1	13.7
51	Lancaster	155.1	148.6	148.5	(1)	(1)	(1)	6.6	6.5	6.2	60.7	55.7	55.5
52	Northeast Pennsylvania	238.8	233.8	227.9	1.2	1.0	1.1	12.1	9.9	9.8	69.0	63.5	62.2
53	Philadelphia SMSA	1,895.3	1,873.9	1,877.0	(1)	(1)	(1)	77.1	70.3	70.1	433.1	396.8	395.5
54	Philadelphia City [5]	748.0	752.6	755.1	(1)	(1)	(1)	20.2	18.3	19.1	131.6	119.4	120.2
55	Pittsburgh	947.6	860.2	856.9	9.8	8.4	8.9	49.2	43.9	44.2	237.8	183.2	179.1
56	Reading	141.6	133.5	134.3	(1)	(1)	(1)	5.4	4.2	3.9	54.8	51.0	50.9
57	Williamsport	46.9	44.9	44.4	(1)	(1)	(1)	1.5	1.4	1.4	16.4	15.1	14.3
58	York	157.4	148.0	149.2	(1)	(1)	(1)	7.0	6.8	6.7	66.2	59.1	59.4
59	RHODE ISLAND	407.7	392.6	394.7	(1)	(1)	(1)	12.9	12.6	12.5	128.3	117.9	118.8
60	Providence—Warwick—Pawtucket	413.4	394.7	398.6	(1)	(1)	(1)	13.1	12.5	12.4	141.9	129.9	131.3
61	SOUTH CAROLINA	1,196.0	1,159.7	1,172.3	(1)	(1)	(1)	71.4	66.3	65.7	391.9	357.3	358.3
62	Charleston—North Charleston	152.2	153.1	153.4	(1)	(1)	(1)	9.5	10.2	10.4	21.3	18.5	18.7
63	Columbia	179.9	174.1	177.1	(1)	(1)	(1)	8.5	8.9	8.7	27.5	24.9	25.3
64	Greenville—Spartanburg	269.5	257.5	260.2	(1)	(1)	(1)	16.7	15.2	15.0	103.5	94.3	94.1

See footnotes at end of table.

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
SEP. 1981	AUG. 1982	SEP. 1982P	SEP. 1981	AUG. 1982	SEP. 1982P	SEP. 1981	AUG. 1982	SEP. 1982P	SEP. 1981	AUG. 1982	SEP. 1982P	SEP. 1981	AUG. 1982	SEP. 1982P	
433.2	421.3	427.0	1,475.6	1,458.4	1,469.0	660.6	677.6	672.9	1,797.1	1,831.8	1,821.9	1,246.4	1,278.6	1,256.3	1
15.7	15.1	15.3	68.5	67.9	68.6	18.0	18.4	18.2	74.1	78.0	74.8	97.4	98.5	98.8	2
4.7	4.8	4.7	21.5	21.5	21.6	9.2	9.2	9.2	19.6	19.7	19.5	20.9	19.8	21.2	3
26.8	24.6	25.4	110.5	109.1	109.5	22.4	22.7	22.5	107.3	104.3	106.6	79.6	82.5	79.7	4
1.3	1.3	1.3	8.7	8.7	8.6	1.2	1.2	1.1	6.8	6.9	7.0	6.1	6.0	5.8	5
10.3	10.4	10.2	60.0	59.7	60.2	14.4	14.9	14.6	69.8	69.8	71.4	36.5	36.5	36.2	6
41.4	41.1	43.6	241.1	242.5	243.6	52.9	53.4	53.0	218.2	228.1	225.3	161.0	165.6	162.4	7
474.1	(*)	(*)	1,399.2	(*)	(*)	644.3	(*)	(*)	1,623.8	(*)	(*)	1,038.3	(*)	(*)	8
320.9	314.0	318.1	955.8	944.5	952.8	553.6	567.1	564.6	1,265.8	1,303.0	1,296.5	735.9	761.0	741.0	9
279.5	272.9	274.5	714.7	702.0	709.2	503.7	513.7	511.6	1,047.8	1,075.1	1,071.5	574.9	595.4	578.6	10
255.9	249.7	251.1	609.0	597.9	604.1	477.9	490.6	488.7	935.6	957.4	956.7	500.0	518.1	501.6	11
2.9	2.9	2.9	16.6	16.8	16.9	2.9	3.1	3.0	19.3	19.8	19.6	23.2	23.2	23.0	12
12.8	12.8	12.6	77.7	78.0	78.6	15.9	16.5	16.1	82.0	82.4	83.7	56.9	56.0	55.7	13
3.4	3.5	3.4	18.1	18.2	18.3	2.7	2.8	2.8	18.3	19.5	19.0	20.9	21.0	21.0	14
14.6	14.6	14.7	57.3	56.8	56.8	10.4	10.8	10.6	54.4	50.8	54.9	45.9	47.2	45.7	15
4.0	4.0	4.1	22.8	23.0	23.0	5.6	5.7	5.6	21.0	21.3	21.4	27.9	28.4	28.2	16
19.6	19.1	19.4	84.6	82.8	83.8	19.6	19.8	19.5	90.9	94.9	92.9	51.0	53.1	52.6	17
117.8	116.4	116.1	474.6	471.2	465.8	98.4	99.5	98.5	356.5	366.0	364.9	410.2	383.1	410.8	18
3.7	3.5	3.5	16.1	16.2	16.3	2.3	2.4	2.4	13.4	14.8	13.5	12.4	11.4	12.3	19
31.9	31.3	31.1	82.3	79.4	79.1	21.5	21.8	21.6	54.7	54.3	54.9	37.3	31.8	36.5	20
21.5	21.2	21.1	78.1	77.0	77.0	19.0	19.1	18.9	60.5	61.4	61.2	46.3	39.2	46.1	21
13.5	14.4	14.3	53.7	52.1	52.6	15.9	16.0	15.8	59.6	59.7	60.3	75.5	68.1	75.8	22
17.2	16.7	16.8	67.0	68.1	67.6	11.8	12.1	12.0	52.8	54.7	54.9	59.1	56.4	59.3	23
3.9	3.7	3.7	18.9	19.1	19.2	3.9	4.0	4.0	13.9	14.3	14.3	12.7	10.8	12.4	24
221.2	214.4	213.8	954.5	939.2	941.2	206.2	208.1	207.0	871.1	897.8	905.0	654.6	627.1	646.8	25
14.0	13.6	13.6	58.0	58.3	58.4	9.2	9.3	9.2	53.3	55.2	54.1	42.4	36.8	42.0	26
7.1	7.0	7.0	33.6	33.6	33.7	6.4	6.5	6.6	30.3	31.0	31.2	18.1	18.1	18.2	27
33.4	32.6	32.4	140.3	137.5	138.2	32.6	32.5	32.4	126.9	131.1	132.0	81.4	76.1	79.8	28
46.0	44.6	44.3	200.4	195.4	196.4	48.0	48.4	48.1	194.2	197.5	199.4	113.8	116.6	113.7	29
24.7	23.7	23.7	121.2	120.8	121.4	39.6	41.6	41.5	110.2	113.9	114.3	98.5	95.4	97.0	30
13.5	13.2	13.1	73.6	72.2	72.8	13.6	14.2	14.1	75.5	77.0	78.8	67.7	63.9	67.2	31
19.5	19.1	19.0	66.2	65.4	65.3	10.5	10.8	10.8	64.5	67.3	67.2	41.4	39.3	40.6	32
9.3	9.0	9.1	44.5	43.9	43.9	7.2	7.4	7.4	40.1	40.3	41.1	24.0	22.8	24.1	33
69.4	68.2	67.6	284.2	290.5	291.6	58.7	62.3	61.9	204.8	217.5	217.6	236.6	231.3	244.6	34
2.7	2.8	2.8	7.1	7.2	7.1	1.2	1.2	1.2	4.5	4.6	4.6	3.8	3.6	3.8	35
1.4	1.4	1.4	7.3	7.2	7.2	1.2	1.3	1.3	4.8	4.6	4.6	10.3	9.8	10.3	36
24.2	25.2	25.5	107.3	110.5	112.6	26.5	28.2	28.2	73.5	79.7	80.3	90.4	90.2	94.6	37
24.0	24.4	24.2	73.8	74.9	75.0	15.9	16.5	16.2	64.4	67.0	67.6	35.5	34.7	35.3	38
60.7	56.4	56.5	258.9	246.6	247.1	68.7	65.0	64.3	193.8	186.5	186.6	194.9	178.1	188.5	39
4.9	4.7	4.7	25.4	23.9	23.9	5.5	5.3	5.3	19.5	19.7	19.7	21.7	18.6	20.0	40
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41
37.0	35.3	35.3	143.3	138.8	139.4	45.6	44.6	44.4	111.4	105.0	104.9	77.6	71.1	75.0	42
2.8	2.8	2.8	19.3	18.1	18.8	5.6	5.6	5.6	15.6	15.5	15.9	25.5	25.8	26.7	43
260.6	235.5	244.0	984.8	962.9	966.1	241.4	243.9	241.6	1,017.9	1,015.1	1,020.6	648.5	662.7	666.9	44
14.2	13.7	13.6	53.1	50.2	50.2	9.8	9.7	9.5	46.8	48.2	47.9	28.4	28.8	29.4	45
6.2	4.1	5.9	10.8	10.6	10.5	1.6	1.6	1.5	9.1	8.8	8.8	7.3	8.0	7.6	46
82.9	75.6	77.8	329.7	320.8	325.0	111.9	113.8	113.0	407.8	407.3	411.1	196.1	225.1	221.6	47
4.9	4.7	4.5	21.7	21.5	21.4	4.8	4.9	4.8	22.7	22.1	22.3	11.6	10.3	10.6	48
16.8	16.1	16.3	45.6	45.6	44.8	12.7	13.1	12.8	42.1	43.8	43.1	59.3	58.6	58.9	49
4.9	4.4	4.7	15.7	15.1	15.1	4.0	4.2	4.0	16.1	15.9	15.9	14.0	14.1	13.0	50
6.4	6.2	5.9	34.2	33.9	33.6	5.9	6.1	6.1	27.7	28.0	28.4	13.6	12.2	12.8	51
13.0	12.4	12.6	50.4	48.6	48.2	10.0	10.7	10.6	47.5	51.6	49.6	35.6	36.1	33.8	52
97.8	90.8	93.0	418.7	409.8	414.9	129.3	131.6	130.4	478.4	483.1	486.5	260.9	291.5	286.6	53
51.7	48.6	48.8	143.0	137.1	135.8	66.6	65.9	65.6	219.1	213.4	219.4	115.8	149.9	142.2	54
55.9	50.4	50.7	212.4	209.7	207.6	46.7	47.6	46.9	221.8	215.6	220.1	114.0	101.4	99.4	55
6.5	6.3	6.6	28.0	26.8	26.6	6.5	6.5	6.4	23.7	24.2	24.1	16.7	14.5	15.8	56
2.3	2.0	2.1	9.8	9.7	9.7	2.2	2.2	2.2	8.3	8.5	8.5	6.4	6.0	6.2	57
7.6	7.1	7.4	33.0	32.7	32.8	4.1	4.1	3.9	22.1	22.2	22.5	17.4	16.0	16.5	58
13.3	13.1	13.5	83.2	79.4	79.9	21.1	21.3	21.2	90.4	90.5	91.2	58.5	57.8	57.6	59
13.2	12.6	13.3	82.2	77.9	78.9	21.0	21.1	21.1	86.0	86.0	87.0	56.0	54.7	54.6	60
54.4	54.6	54.2	233.3	240.4	238.6	50.6	52.8	52.3	167.7	175.5	175.1	226.7	212.8	228.1	61
9.2	8.7	8.7	33.5	34.1	33.9	6.8	7.3	7.2	26.1	29.0	28.8	45.8	45.3	45.7	62
9.6	9.7	9.8	37.2	37.1	37.0	14.3	15.0	14.8	27.9	27.4	27.4	54.9	51.1	54.1	63
10.1	9.2	9.2	54.7	55.3	55.1	10.2	10.5	10.4	38.2	39.5	40.0	36.0	33.5	36.4	64

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

	State and areas	Total			Mining			Contract Construction			Manufacturing		
		SEP. 1981	AUG. 1982	SEP. 1982p	SEP. 1981	AUG. 1982	SEP. 1982p	SEP. 1981	AUG. 1982	SEP. 1982p	SEP. 1981	AUG. 1982	SEP. 1982p
1	SOUTH DAKOTA	235.7	230.7	233.1	3.0	1.6	1.5	11.6	9.5	9.4	25.9	25.3	24.9
2	Sioux Falls	54.1	53.6	54.2	(2)	(2)	(2)	2.5	2.8	2.9	7.3	7.4	7.2
3	TENNESSEE	1,762.5	1,706.9	1,714.1	10.7	11.1	11.2	79.6	82.1	82.3	520.9	478.6	476.2
4	Chattanooga	169.1	164.1	165.0	1.2	1.4	1.4	5.9	5.8	6.0	49.2	45.5	45.6
5	Knoxville	201.9	203.1	202.1	1.6	1.5	1.5	10.3	9.3	9.2	52.0	48.6	47.9
6	Memphis	359.2	346.2	353.1	.2	.2	.2	14.6	13.7	14.0	59.7	54.3	54.2
7	Nashville—Davidson	362.6	347.2	348.4	(1)	(1)	(1)	17.1	16.6	16.8	84.4	75.8	75.8
8	TEXAS	6,204.7	6,222.5	6,216.4	301.1	293.6	289.2	441.1	446.3	442.0	1,118.2	1,035.2	1,023.7
9	Dallas—Fort Worth	1,528.3	1,547.4	1,555.8	31.0	33.3	33.4	81.1	85.5	83.8	332.0	314.5	312.1
10	Houston	1,565.8	1,562.6	1,537.7	103.3	95.3	94.7	151.3	142.9	140.1	265.6	248.4	244.6
11	San Antonio	412.3	406.8	411.6	3.3	3.6	3.5	27.1	27.7	27.5	52.8	48.8	48.9
12	UTAH	566.8	558.4	564.1	21.4	18.5	18.4	30.7	28.3	28.1	91.8	88.0	87.6
13	Salt Lake City—Ogden	396.5	393.7	395.2	8.2	6.1	6.0	20.3	17.9	17.7	62.3	60.4	59.8
14	VERMONT	203.7	201.8	203.7	.7	.6	.6	12.1	11.7	11.5	51.1	49.5	49.3
15	Burlington[3]	59.8	59.1	60.0	–	–	–	–	–	–	15.9	15.9	15.5
16	Springfield	14.7	14.1	14.1	–	–	–	–	–	–	6.2	5.5	5.3
17	VIRGINIA	2,178.9	2,166.4	2,179.3	23.5	22.2	22.1	118.4	110.1	107.9	416.1	397.7	400.4
18	Bristol	27.3	26.8	27.4	(1)	(1)	(1)	.9	.7	.7	9.4	8.9	8.9
19	Lynchburg	70.8	68.1	68.8	(1)	(1)	(1)	2.8	2.7	2.6	29.1	26.2	26.6
20	Newport News—Hampton	152.0	156.9	156.2	(1)	(1)	(1)	6.9	6.6	6.4	34.1	36.3	36.3
21	Norfolk—Virginia Beach—Portsmouth	293.5	293.6	292.5	(1)	(1)	(1)	17.6	17.3	17.5	30.3	28.0	28.6
22	Northern Virginia[4]	465.5	478.5	479.0	.4	.4	.4	29.6	27.2	27.0	20.1	21.9	22.0
23	Petersburg—Colonial Hgts.—Hopewell	44.8	44.8	45.7	(1)	(1)	(1)	2.3	2.0	2.1	10.3	9.9	9.8
24	Richmond	329.1	325.8	329.6	.3	.3	.3	17.8	17.4	17.1	57.3	53.9	54.1
25	Roanoke	102.6	101.9	102.7	.2	.1	.2	4.6	4.6	4.7	21.1	19.5	20.1
26	WASHINGTON	1,606.2	1,546.9	(*)	3.3	3.0	(*)	92.1	77.7	(*)	309.1	288.1	(*)
27	Seattle—Everett	771.9	(*)	(*)	(1)	(*)	(*)	38.8	(*)	(*)	168.6	(*)	(*)
28	Spokane	124.5	(*)	(*)	(1)	(*)	(*)	5.8	(*)	(*)	16.4	(*)	(*)
29	Tacoma	143.9	(*)	(*)	(1)	(*)	(*)	7.3	(*)	(*)	22.5	(*)	(*)
30	WEST VIRGINIA	636.4	603.3	598.3	67.6	58.1	55.0	30.1	26.5	25.6	112.3	98.7	97.9
31	Charleston	111.4	109.6	108.5	6.8	6.3	5.7	6.0	5.3	5.0	16.7	16.1	16.2
32	Huntington—Ashland	103.0	99.3	97.6	1.2	1.3	1.2	5.1	4.4	4.2	25.0	21.8	21.6
33	Parkersburg—Marietta	58.9	55.7	57.0	1.4	1.4	1.4	3.3	3.1	3.0	16.7	15.0	15.4
34	Wheeling	64.7	61.9	60.8	4.9	4.7	4.4	2.9	2.5	2.4	11.8	9.3	8.9
35	WISCONSIN	1,557.9	1,873.0	1,883.4	2.3	2.1	2.1	64.9	55.5	55.3	586.3	505.4	504.9
36	Appleton—Oshkosh	126.1	121.5	121.4	(1)	(1)	(1)	5.1	4.6	4.7	48.2	44.2	43.8
37	Eau Claire	48.9	46.0	47.4	(1)	(1)	(1)	1.8	1.2	1.2	9.0	8.7	8.6
38	Green Bay	80.6	79.8	80.0	(1)	(1)	(1)	3.4	3.3	3.4	23.0	22.5	22.0
39	Janesville—Beloit	51.2	45.4	49.0	(1)	(1)	(1)	1.3	1.1	1.1	19.9	14.5	17.5
40	Kenosha	43.3	41.8	43.2	(1)	(1)	(1)	1.8	1.7	1.5	17.2	16.6	17.6
41	La Crosse	46.2	44.1	45.8	(1)	(1)	(1)	1.7	1.1	1.1	10.6	10.2	10.0
42	Madison	173.1	168.7	170.4	(1)	(1)	(1)	6.5	5.4	5.2	20.9	19.9	19.8
43	Milwaukee	663.6	627.9	627.5	(1)	(1)	(1)	18.7	15.4	15.8	198.6	170.0	167.1
44	Racine	67.1	60.8	61.7	(1)	(1)	(1)	1.6	1.8	1.6	27.6	22.3	23.1
45	WYOMING	222.2	215.0	214.2	39.7	39.3	39.4	20.4	18.7	18.5	10.5	10.2	10.0
46	Casper	40.1	37.5	38.7	7.4	6.4	5.9	3.4	4.3	4.5	2.1	1.4	1.2
47	Cheyenne	30.8	29.9	29.8	(1)	(1)	(1)	1.9	1.7	1.6	1.4	1.4	1.2
48	PUERTO RICO	651.4	615.6	(*)	.8	.7	(*)	30.3	20.6	(*)	152.2	139.0	(*)
49	Caguas	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
50	Mayaguez	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
51	Ponce	(*)	(*)	(*)	(*)	(*)	(*)	2.1	1.7	(*)	(*)	(*)	(*)
52	San Juan	(*)	(*)	(*)	(1)	(1)	(1)	21.3	15.2	(*)	(*)	(*)	(*)
53	VIRGIN ISLANDS	36.4	36.0	34.8	(2)	(2)	(2)	3.7	3.2	3.2	3.0	2.6	2.6

[1] Combined with services.
[2] Combined with construction.
[3] Revised to 1981 benchmark; not strictly comparable with previously published data.
[4] Area included in Chicago—Gary Standard Consolidated Statistical Area.
[5] Subarea Baltimore Standard Metropolitan Statistical Area.
[6] Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.
[7] Subarea of New York—Northeastern New Jersey.
[8] Subarea of Rochester Standard Metropolitan Statistical Area.
[9] Area included in New York and Nassau—Suffolk combined SMSA's.
[10] Subarea of New York Standard Metropolitan Statistical Area.
[11] Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Bucks, Chester, Delaware, Montgomery, Philadelphia Counties, Pennsylvania.
[12] Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Philadelphia County.
[13] Total includes data for industry divisions not shown separately.
[14] Subarea of Washington, D.C. Standard Metropolitan Statistical Area: Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park cities, and Arlington, Fairfax, Loudoun, and Prince William Counties, Virginia.

p = preliminary.
*Not available.

SOURCE: Cooperating State agencies listed on inside back cover.

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
SEP. 1981	AUG. 1982	SEP. 1982P	SEP. 1981	AUG. 1982	SEP. 1982P	SEP. 1981	AUG. 1982	SEP. 1982P	SEP. 1981	AUG. 1982	SEP. 1982P	SEP. 1981	AUG. 1982	SEP. 1982P	
12.8	12.5	12.8	65.6	64.3	63.6	11.4	11.8	11.7	52.7	52.9	52.5	56.7	52.8	56.7	1
4.4	4.5	4.5	15.9	15.6	15.4	3.5	3.5	3.6	13.9	13.9	14.0	6.6	5.9	6.6	2
86.5	81.9	82.3	373.9	364.7	364.4	77.9	76.8	75.9	312.2	331.5	326.3	300.8	277.8	295.5	3
7.7	7.4	7.3	34.0	34.1	34.0	9.8	9.9	9.8	29.4	28.5	27.9	31.9	31.5	33.0	4
8.3	7.8	7.7	43.9	44.8	44.0	8.5	9.0	9.0	33.4	36.7	37.0	43.9	45.4	45.8	5
27.4	26.1	26.0	97.6	95.2	95.0	20.1	20.2	20.2	75.9	77.8	78.0	63.7	58.7	62.5	6
20.1	19.4	19.3	80.6	78.9	78.7	24.7	23.8	23.7	76.2	74.1	74.6	59.5	56.6	59.5	7
389.2	389.5	386.2	1,522.9	1,577.5	1,576.9	348.0	361.3	359.4	1,100.2	1,137.2	1,143.0	984.0	984.2	999.0	8
98.5	96.8	96.7	404.1	419.4	420.9	115.1	121.2	120.7	283.8	304.3	306.4	182.3	172.4	181.8	9
109.2	107.0	106.2	376.8	372.6	372.6	92.8	99.1	98.2	305.8	312.2	312.4	165.0	165.1	168.9	10
19.3	19.1	18.8	104.1	103.4	103.9	27.3	28.2	28.3	84.4	85.7	85.9	93.7	90.3	94.8	11
35.2	37.0	36.7	131.9	130.8	131.0	26.3	27.0	27.1	106.3	108.5	110.9	123.3	120.5	124.4	12
27.5	28.7	28.6	97.9	96.5	96.8	21.2	22.0	22.1	71.5	75.3	75.0	87.7	86.6	89.0	13
8.6	8.8	8.8	43.3	43.8	44.0	8.2	8.4	8.3	44.1	44.9	45.6	35.6	34.1	35.6	14
2.4	2.4	2.4	12.6	12.5	12.8	–	–	–	12.5	12.4	12.8	–	–	–	15
.7	.7	.7	2.2	2.2	2.3	–	–	–	2.6	2.7	2.7	–	–	–	16
117.9	118.4	118.2	466.6	470.3	475.0	107.5	107.4	107.5	423.7	432.2	430.3	503.2	502.1	517.9	17
1.1	1.2	1.2	6.5	7.1	7.1	.9	.9	.9	3.5	3.5	3.7	5.1	4.5	4.9	1
2.7	2.6	2.6	12.0	12.4	12.4	3.3	3.3	3.3	10.9	11.3	11.5	9.9	9.3	9.8	1
5.1	5.3	5.3	29.0	30.1	30.1	4.8	5.2	4.9	31.7	33.2	32.5	40.4	40.3	40.8	20
19.6	20.2	19.8	71.7	71.6	71.5	14.8	15.3	15.1	60.0	62.4	61.8	79.5	75.8	78.1	21
31.9	32.6	32.0	112.0	114.8	114.9	29.4	29.8	29.8	125.1	129.1	129.1	117.0	122.8	123.8	22
1.2	1.2	1.2	8.8	9.3	9.2	1.2	1.3	1.2	6.8	7.3	7.4	14.5	13.7	14.8	23
19.8	19.6	19.7	76.4	77.8	77.4	20.4	20.3	20.1	60.6	62.4	61.9	70.6	68.0	73.0	24
9.9	9.9	9.9	25.2	25.7	25.5	6.1	6.1	6.0	20.7	20.9	21.0	14.9	15.0	15.3	25
90.5	86.8	(*)	391.0	384.0	(*)	91.8	92.4	(*)	322.4	323.3	(*)	306.0	291.6	(*)	26
51.5	(*)	(*)	187.6	(*)	(*)	57.4	(*)	(*)	156.3	(*)	(*)	111.7	(*)	(*)	27
8.2	(*)	(*)	35.3	(*)	(*)	7.9	(*)	(*)	30.8	(*)	(*)	20.1	(*)	(*)	28
6.5	(*)	(*)	34.1	(*)	(*)	7.1	(*)	(*)	34.7	(*)	(*)	31.7	(*)	(*)	29
42.5	41.5	41.3	132.5	129.5	129.4	22.0	22.0	21.9	103.3	101.4	102.6	126.1	127.5	124.7	30
9.5	9.3	9.3	26.4	26.1	26.1	5.2	5.1	5.1	21.2	21.2	21.4	19.7	20.3	19.6	31
9.8	8.9	8.9	24.4	24.1	24.0	3.6	3.6	3.5	15.8	16.0	15.9	18.0	19.2	18.3	32
2.5	2.4	2.4	12.9	13.1	13.1	2.1	2.0	2.0	10.3	10.0	10.1	9.8	9.8	9.7	33
3.6	3.6	3.6	15.4	15.4	15.2	2.8	2.8	2.8	14.1	14.2	14.2	9.3	9.4	9.2	34
92.3	84.4	88.1	439.8	435.6	434.5	96.6	98.5	97.7	382.0	391.3	388.5	313.7	300.3	312.4	35
4.2	4.1	4.2	26.1	25.4	25.2	5.6	5.8	5.8	21.5	22.0	22.0	15.2	15.4	15.7	36
2.7	2.6	2.7	13.1	12.5	12.8	1.7	1.7	1.7	10.1	10.0	9.8	10.6	9.3	10.7	37
6.0	6.1	6.2	20.1	20.2	20.2	2.6	2.6	2.6	15.5	15.4	15.6	10.1	9.7	10.0	38
2.0	2.4	2.6	11.0	10.8	10.8	1.4	1.4	1.4	9.0	8.8	9.1	6.5	6.5	6.7	39
1.4	1.2	1.3	8.4	8.2	8.1	1.0	1.0	1.0	8.0	7.5	7.7	5.7	5.7	6.0	40
2.2	1.9	1.9	12.0	11.7	12.0	1.1	1.1	1.1	11.2	11.9	12.1	7.4	6.2	7.5	41
6.3	6.2	6.5	36.9	36.8	37.4	13.7	14.0	13.7	33.1	33.4	33.8	55.6	53.0	54.0	42
34.6	31.5	33.2	142.2	139.1	138.8	40.6	41.1	40.9	147.5	150.2	150.3	81.5	80.6	81.5	43
2.4	2.3	2.4	13.4	13.0	13.0	2.3	2.3	2.3	11.3	11.2	11.2	8.6	7.9	8.0	44
17.9	17.4	16.9	50.4	50.2	48.8	7.4	7.5	7.4	33.7	34.2	32.6	42.2	37.5	40.6	45
2.8	2.6	2.4	10.9	10.2	9.9	1.7	1.8	1.8	5.8	5.4	5.1	6.0	5.4	7.9	46
4.5	4.0	3.8	7.2	7.6	7.3	1.6	1.5	1.5	5.6	5.4	5.4	8.6	8.3	9.0	47
16.0	14.5	(*)	109.2	103.1	(*)	27.8	27.9	(*)	84.7	82.1	(*)	230.3	227.5	(*)	48
(*)	(*)	(*)	5.0	4.5	(*)	(*)	(*)	(*)	(*)	(*)	(*)	9.2	9.2	(*)	49
(*)	(*)	(*)	5.4	5.3	(*)	(*)	(*)	(*)	(*)	(*)	(*)	12.7	13.6	(*)	50
(*)	(*)	(*)	7.3	6.8	(*)	(*)	(*)	(*)	6.7	6.4	(*)	16.5	16.8	(*)	51
12.3	11.7	(*)	69.8	65.5	(*)	21.3	21.4	(*)	59.0	58.8	(*)	121.4	118.9	(*)	52
2.0	2.0	2.0	7.0	6.7	6.7	1.6	1.6	1.6	5.5	5.2	5.2	13.6	14.7	13.5	53

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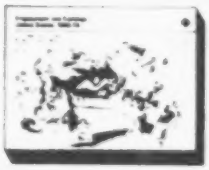

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C-1. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division, 1961 to date

Year and month	Average												
	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Hourly earnings excl overtime
	Total private			Mining			Construction			Manufacturing			
1961	$82.60	38.6	$2.14	$105.92	40.5	$2.64	$118.08	35.9	$3.29	$92.34	39.8	$2.32	$2.25
1962	85.91	38.7	2.22	110.70	41.3	2.70	122.47	37.0	3.31	96.56	40.4	2.39	2.31
1963	88.46	38.8	2.28	114.40	41.6	2.75	127.19	37.3	3.41	99.23	40.5	2.45	2.37
1964	91.33	38.7	2.36	117.74	41.9	2.81	132.06	37.2	3.55	102.97	40.7	2.53	2.43
1965	95.45	38.8	2.46	123.52	42.3	2.92	138.38	37.4	3.70	107.53	41.2	2.61	2.50
1966	98.82	38.6	2.56	130.24	42.7	3.05	146.26	37.6	3.89	112.19	41.4	2.71	2.59
1967	101.84	38.0	2.68	135.89	42.6	3.19	154.95	37.7	4.11	114.49	40.6	2.82	2.71
1968	107.73	37.8	2.85	142.71	42.6	3.35	164.49	37.3	4.41	122.51	40.7	3.01	2.88
1969	114.61	37.7	3.04	154.80	43.0	3.60	181.54	37.9	4.79	129.51	40.6	3.19	3.05
1970	119.83	37.1	3.23	164.40	42.7	3.85	195.65	37.3	5.24	133.33	39.8	3.35	3.23
1971	127.31	36.9	3.45	172.14	42.4	4.06	211.67	37.2	5.69	142.44	39.9	3.57	3.45
1972	136.90	37.0	3.70	189.14	42.6	4.44	221.19	36.5	6.06	154.71	40.5	3.82	3.66
1973	145.39	36.9	3.94	201.40	42.4	4.75	235.89	36.8	6.41	165.46	40.7	4.09	3.91
1974	154.76	36.5	4.24	219.14	41.9	5.23	249.25	35.6	6.81	176.80	40.0	4.42	4.25
1975	163.53	36.1	4.53	249.31	41.9	5.95	266.08	35.4	7.31	190.79	39.5	4.83	4.67
1976	175.45	36.1	4.86	273.90	42.4	6.46	283.73	35.8	7.71	209.32	40.1	5.22	5.02
1977	189.00	36.0	5.25	301.20	43.4	6.94	295.65	36.5	8.10	226.90	40.3	5.68	5.44
1978	203.70	35.8	5.69	332.88	43.4	7.67	318.69	36.8	8.66	249.27	40.4	6.17	5.91
1979	219.91	35.7	6.16	365.07	43.0	8.49	342.99	37.0	9.27	269.34	40.2	6.70	6.41
1980	235.10	35.3	6.66	397.06	43.3	9.17	367.78	37.0	9.94	288.62	39.7	7.27	7.02
1981	255.20	35.2	7.25	439.19	43.7	10.05	398.52	36.9	10.80	318.00	39.8	7.99	7.72
1981:													
October	261.18	35.2	7.42	456.13	44.5	10.25	419.62	37.6	11.16	323.95	39.7	8.16	7.89
November	262.20	35.1	7.47	461.32	44.4	10.39	414.78	37.1	11.18	325.54	39.7	8.20	7.94
December	262.24	35.2	7.45	466.37	44.8	10.41	417.75	37.1	11.26	329.97	39.9	8.27	8.00
1982:													
January	255.95	33.9	7.55	456.89	42.9	10.65	385.95	33.3	11.59	312.38	37.1	8.42	8.17
February	262.39	34.8	7.54	463.03	43.6	10.62	406.39	35.9	11.32	326.93	39.2	8.34	8.10
March	261.99	34.7	7.55	465.16	43.8	10.62	419.21	37.0	11.33	327.27	39.1	8.37	8.13
April	262.27	34.6	7.58	454.75	42.7	10.65	415.44	36.7	11.32	325.85	38.7	8.42	8.19
May	265.52	34.8	7.63	454.12	42.6	10.66	429.75	37.5	11.46	329.55	39.0	8.45	8.22
June	267.40	35.0	7.64	463.10	42.8	10.82	427.88	37.5	11.41	334.05	39.3	8.50	8.25
July	269.98	35.2	7.67	463.68	42.5	10.91	438.14	38.0	11.53	332.60	38.9	8.55	8.31
August	271.04	35.2	7.70	463.43	42.4	10.93	436.16	37.6	11.60	331.89	39.0	8.51	8.26
Septemberp	270.05	34.8	7.76	461.20	41.7	11.06	431.73	36.9	11.70	334.15	38.9	8.59	8.33
Octoberp	270.74	34.8	7.78	459.64	41.9	10.97	436.60	37.0	11.80	332.13	38.8	8.56	8.32

Year and month	Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services		
1961	-	-	-	$67.41	38.3	$1.76	$77.12	36.9	$2.09	-	-	-
1962	-	-	-	69.91	38.2	1.83	80.94	37.3	2.17	-	-	-
1963	-	-	-	72.31	38.1	1.89	84.38	37.5	2.25	-	-	-
1964	$118.78	41.1	$2.89	74.65	37.9	1.97	85.79	37.3	2.30	$70.93	36.1	$1.94
1965	125.14	41.3	3.03	76.91	37.7	2.04	88.91	37.2	2.39	73.60	35.9	2.05
1966	128.13	41.2	3.11	79.39	37.1	2.14	92.13	37.3	2.47	77.04	35.5	2.17
1967	130.82	40.5	3.23	82.35	36.6	2.25	95.72	37.1	2.58	80.38	35.1	2.29
1968	138.85	40.6	3.42	87.30	36.1	2.41	101.75	37.0	2.75	83.97	34.7	2.42
1969	147.74	40.7	3.63	91.39	35.7	2.56	108.70	37.1	2.93	90.57	34.7	2.61
1970	155.93	40.5	3.85	96.02	35.3	2.72	112.67	36.7	3.07	95.65	34.4	2.81
1971	168.82	40.1	4.21	101.39	35.1	2.88	117.85	35.6	3.22	103.06	33.9	3.04
1972	187.86	40.4	4.65	106.45	34.9	3.05	122.98	35.6	3.36	110.85	33.9	3.27
1973	203.31	40.5	5.02	111.76	34.6	3.23	129.20	35.6	3.53	112.29	33.8	3.47
1974	217.48	40.2	5.41	119.02	34.2	3.48	137.61	35.5	3.77	125.00	33.6	3.75
1975	233.44	39.7	5.88	125.45	33.9	3.73	148.19	36.5	4.05	134.67	33.5	4.02
1976	256.71	39.8	6.45	133.79	33.7	3.97	155.43	35.4	4.27	143.52	33.3	4.31
1977	278.90	39.9	6.99	142.52	33.3	4.28	165.26	35.4	4.54	153.45	33.0	4.65
1978	302.80	40.0	7.57	153.64	32.9	4.67	178.00	35.4	4.89	163.67	32.8	4.99
1979	325.58	39.9	8.16	164.96	32.6	5.06	190.77	35.2	5.27	175.27	32.7	5.36
1980	351.25	39.6	8.87	176.46	32.2	5.48	209.60	35.2	5.79	190.71	32.6	5.85
1981	382.18	39.4	9.70	190.95	32.2	5.93	229.05	36.3	6.31	208.97	32.6	6.41
1981:												
October	388.65	39.1	9.94	192.32	32.0	6.01	232.77	36.2	6.43	213.85	32.5	6.58
November	393.96	39.2	10.05	192.68	31.9	6.04	236.02	36.2	6.52	216.78	32.5	6.67
December	395.36	39.3	10.06	194.45	32.3	6.02	234.21	36.2	6.47	217.12	32.6	6.66
1982:												
January	388.85	38.5	10.10	191.89	31.1	6.17	237.47	36.2	6.56	219.32	32.3	6.79
February	397.10	39.2	10.13	194.66	31.6	6.16	239.64	36.2	6.62	220.68	32.5	6.79
March	392.73	39.0	10.07	194.66	31.6	6.16	239.22	36.3	6.59	220.03	32.5	6.77
April	393.43	38.8	10.14	195.91	31.7	6.18	240.37	36.2	6.64	221.33	32.5	6.81
May	394.60	38.8	10.17	197.78	31.9	6.20	245.75	36.3	6.77	222.63	32.5	6.85
June	399.84	39.2	10.20	199.02	32.1	6.20	242.23	36.1	6.71	224.35	32.8	6.84
July	403.37	39.2	10.29	202.45	32.6	6.21	245.44	36.2	6.78	227.40	33.1	6.87
August	409.90	39.3	10.43	202.77	32.6	6.22	249.38	36.3	6.87	227.70	33.0	6.90
Septemberp	406.12	38.9	10.44	200.95	32.1	6.26	248.40	36.0	6.90	228.57	32.7	6.99
Octoberp	406.62	38.8	10.48	201.27	32.1	6.27	250.17	36.1	6.93	229.18	32.6	7.03

[1] For coverage of series, see footnote 1, table B-2.

p = preliminary.

NOTE: Data from April 1981 forward are subject to revision when more recent benchmark data are introduced. See "Benchmark adjustment" in the Explanatory Notes of this publication.

ESTABLISHMENT DATA
HOURS AND EARNINGS

C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Sept. 1981	Oct. 1981	Aug. 1982	Sept. 1982P	Oct. 1982P	Sept. 1981	Oct. 1981	Aug. 1982	Sept. 1982P	Oct. 1982P
—	TOTAL PRIVATE	$259.74	$261.18	$271.04	$270.05	$270.74	$7.40	$7.42	$7.70	$7.76	$7.78
—	MINING	450.85	456.13	463.43	461.20	459.64	10.27	10.25	10.93	11.06	10.97
10	METAL MINING	488.84	478.74	451.04	449.76	-	12.10	12.08	12.29	12.39	-
101	Iron ores	546.94	470.87	441.61	513.38	-	12.93	12.59	12.37	13.13	-
102	Copper ores	490.86	503.89	472.12	479.33	-	12.12	12.26	12.76	12.92	-
11, 12	COAL MINING	519.94	520.88	505.29	532.43	-	12.35	12.17	12.89	13.05	-
12	BITUMINOUS COAL AND LIGNITE MINING	521.62	522.16	506.86	534.35	-	12.39	12.20	12.93	13.10	-
13	OIL AND GAS EXTRACTION	432.21	443.55	460.34	459.22	-	9.52	9.58	10.51	10.63	-
131, 2	Crude petroleum, natural gas, and natural gas liquids	464.70	452.77	492.05	517.41	-	10.96	10.91	12.06	12.29	-
138	Oil and gas field services	421.79	440.72	448.75	436.13	-	9.11	9.22	9.55	9.98	-
14	NONMETALLIC MINERALS, EXCEPT FUELS	364.22	370.20	392.89	395.95	-	8.49	8.53	8.97	9.04	-
142	Crushed and broken stone	351.60	355.88	386.71	387.18	-	8.12	8.20	8.69	8.74	-
—	CONSTRUCTION	396.31	419.62	436.16	431.73	435.63	11.07	11.16	11.60	11.70	11.80
15	GENERAL BUILDING CONTRACTORS	353.50	369.38	387.82	385.14	-	10.10	10.12	10.51	10.61	-
152	Residential building construction	319.33	334.65	354.65	354.04	-	9.31	9.27	9.69	9.78	-
153	Operative builders	305.59	303.81	314.00	308.95	-	8.56	8.51	8.22	8.35	-
154	Nonresidential building construction	387.66	405.90	424.42	420.42	-	10.92	11.00	11.44	11.55	-
16	HEAVY CONSTRUCTION CONTRACTORS	412.63	439.27	472.89	457.09	-	10.69	10.74	11.45	11.59	-
161	Highway and street construction	389.83	408.63	442.85	430.56	-	9.97	10.04	10.42	10.40	-
162	Heavy construction, except highway	421.30	452.92	484.74	481.98	-	11.00	11.02	11.91	12.11	-
17	SPECIAL TRADE CONTRACTORS	413.55	434.08	441.77	438.19	-	11.73	11.86	12.17	12.24	-
171	Plumbing, heating, air conditioning	421.37	443.87	460.54	456.40	-	11.77	11.90	12.38	12.47	-
172	Painting, paper hanging, decorating	374.45	378.77	382.20	378.47	-	10.76	10.73	10.92	10.97	-
173	Electrical work	474.35	506.72	524.54	508.64	-	13.25	13.37	13.66	13.71	-
174	Masonry, stonework, and plastering	373.04	390.72	413.12	412.46	-	11.27	11.26	11.94	11.99	-
175	Carpentering and flooring	365.74	373.47	384.37	381.70	-	10.54	10.58	11.23	11.36	-
176	Roofing and sheet metal work	343.99	354.65	360.93	362.14	-	10.33	10.37	10.71	10.81	-
—	MANUFACTURING	322.32	323.95	331.89	334.15	332.13	8.16	8.16	8.51	8.59	8.55
24, 25, 32-39	DURABLE GOODS	346.26	350.07	356.33	357.24	356.98	8.70	8.73	9.09	9.16	9.13
20-23, 26-31	NONDURABLE GOODS	287.78	286.60	299.54	303.41	301.85	7.36	7.33	7.74	7.84	7.82
	DURABLE GOODS										
24	LUMBER AND WOOD PRODUCTS	271.36	271.22	295.27	295.68	289.55	7.16	7.10	7.61	7.66	7.56
241	Logging camps and logging contractors	352.08	367.61	403.37	391.51	-	9.49	9.45	10.29	10.33	-
242	Sawmills and planing mills	282.94	278.31	306.93	335.36	-	7.33	7.21	7.81	7.87	-
2421	Sawmills and planing mills, general	297.99	291.83	323.90	322.09	-	7.72	7.58	8.20	8.28	-
2426	Hardwood dimension and flooring	196.86	200.46	205.29	206.66	-	5.10	5.14	5.36	5.34	-
243	Millwork, plywood, and structural members	263.77	260.63	286.41	292.50	-	7.01	6.95	7.42	7.50	-
2431	Millwork	271.93	271.74	290.66	297.55	-	7.10	7.17	7.53	7.61	-
2434	Wood kitchen cabinets	229.60	230.11	247.38	252.30	-	6.36	6.27	6.65	6.71	-
2435	Hardwood veneer and plywood	216.22	218.50	220.22	225.41	-	5.53	5.49	5.78	5.87	-
2436	Softwood veneer and plywood	306.21	303.36	365.42	373.41	-	8.65	8.65	9.09	9.22	-
244	Wood containers . . .	204.37	208.67	212.01	209.97	-	5.35	5.42	5.55	5.56	-
245	Wood buildings and mobile homes	236.09	230.40	245.68	248.20	-	6.54	6.49	6.64	6.69	-
2451	Mobile homes	233.35	226.40	242.14	245.31	-	6.50	6.45	6.58	6.63	-
249	Miscellaneous wood products	240.19	238.79	245.70	247.79	-	6.05	6.03	6.30	6.37	-
25	FURNITURE AND FIXTURES	226.58	233.92	243.46	241.92	245.89	6.01	6.06	6.39	6.40	6.42
251	Household furniture	207.02	213.56	219.54	218.89	-	5.58	5.62	5.87	5.90	-
2511	Wood household furniture	191.58	200.85	198.32	196.74	-	5.15	5.19	5.36	5.39	-
2512	Upholstered household furniture	217.49	223.43	230.21	230.95	-	5.91	5.99	6.29	6.31	-
2514	Metal household furniture	222.53	231.21	249.88	249.71	-	5.95	5.99	6.31	6.29	-
2515	Mattresses and bedsprings	229.32	219.75	250.75	250.21	-	6.30	6.19	6.53	6.55	-
252	Office furniture	251.94	262.35	264.27	259.24	-	6.46	6.51	6.90	6.84	-
253	Public building and related furniture	264.01	271.26	283.81	279.40	-	6.65	6.85	7.06	7.02	-
254	Partitions and fixtures	272.70	279.69	303.80	309.69	-	7.12	7.19	7.75	7.86	-
259	Miscellaneous furniture and fixtures	268.52	274.51	285.93	278.24	-	6.85	6.88	7.06	7.08	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry – Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Sept. 1981	Oct. 1981	Aug. 1982	Sept. 1982P	Oct. 1982P	Sept. 1981	Oct. 1981	Aug. 1982	Sept. 1982P	Oct. 1982P
–	TOTAL PRIVATE	35.1	35.2	35.2	34.8	34.8	–	–	–	–	–
–	MINING	43.9	44.5	42.4	41.7	41.9	–	–	–	–	–
10	METAL MINING	40.4	39.3	36.7	36.3	–	–	–	–	–	–
101	Iron ores	42.3	37.4	35.7	39.1	–	–	–	–	–	–
102	Copper ores	40.5	41.1	37.0	37.1	–	–	–	–	–	–
11, 12	COAL MINING	42.1	42.8	39.2	38.5	–	–	–	–	–	–
12	BITUMINOUS COAL AND LIGNITE MINING	42.1	42.8	39.2	38.5	–	–	–	–	–	–
13	OIL AND GAS EXTRACTION	45.4	46.3	43.8	43.2	–	–	–	–	–	–
131, 2	Crude petroleum, natural gas, and natural gas liquids	42.4	41.5	40.8	42.1	–	–	–	–	–	–
138	Oil and gas field services	46.3	47.8	45.1	43.7	–	–	–	–	–	–
14	NONMETALLIC MINERALS, EXCEPT FUELS	42.9	43.4	43.8	43.8	–	–	–	–	–	–
142	Crushed and broken stone	43.3	43.4	44.5	44.3	–	–	–	–	–	–
–	CONSTRUCTION	35.8	37.6	37.6	39.9	37.3	–	–	–	–	–
15	GENERAL BUILDING CONTRACTORS	35.0	36.5	36.9	36.3	–	–	–	–	–	–
152	Residential building construction	34.3	36.1	36.6	36.2	–	–	–	–	–	–
153	Operative builders	35.7	35.7	38.2	37.0	–	–	–	–	–	–
154	Nonresidential building construction	35.5	36.9	37.1	36.4	–	–	–	–	–	–
16	HEAVY CONSTRUCTION CONTRACTORS	38.6	40.9	41.3	40.3	–	–	–	–	–	–
161	Highway and street construction	39.1	40.7	42.5	41.4	–	–	–	–	–	–
162	Heavy construction, except highway	38.3	41.1	40.7	39.8	–	–	–	–	–	–
17	SPECIAL TRADE CONTRACTORS	35.0	36.6	36.3	35.8	–	–	–	–	–	–
171	Plumbing, heating, air conditioning	35.8	37.3	37.2	36.6	–	–	–	–	–	–
172	Painting, paper hanging, decorating	34.8	35.3	35.0	34.5	–	–	–	–	–	–
173	Electrical work	35.8	37.9	38.4	37.1	–	–	–	–	–	–
174	Masonry, stonework, and plastering	33.1	34.7	34.6	34.4	–	–	–	–	–	–
175	Carpentering and flooring	34.7	35.3	34.2	33.6	–	–	–	–	–	–
176	Roofing and sheet metal work	33.3	34.2	33.7	33.5	–	–	–	–	–	–
–	MANUFACTURING	39.5	39.7	39.0	38.9	38.9	2.9	2.8	2.4	2.5	2.3
24, 25, 32-39	DURABLE GOODS	39.8	40.1	39.2	39.0	39.1	2.8	2.7	2.2	2.1	2.0
20-23, 26-31	NONDURABLE GOODS	39.1	39.1	38.7	38.7	38.6	3.1	2.9	2.7	2.9	2.7
	DURABLE GOODS										
24	LUMBER AND WOOD PRODUCTS	37.9	38.2	38.8	38.6	38.3	2.3	2.4	2.6	2.5	–
241	Logging camps and logging contractors	37.1	38.9	39.2	37.9	–	3.3	1.9	3.5	3.1	–
242	Sawmills and planing mills	38.6	38.6	39.3	38.8	–	2.8	2.7	3.1	3.2	–
2421	Sawmills and planing mills, general	38.6	38.5	39.5	38.9	–	2.9	2.9	3.3	3.4	–
2426	Hardwood dimension and flooring	38.6	39.0	38.3	38.7	–	2.2	2.2	2.0	2.2	–
243	Millwork, plywood, and structural members	37.2	37.5	38.6	38.0	–	1.7	1.6	2.2	2.2	–
2431	Millwork	38.3	37.9	38.6	39.1	–	1.2	1.2	1.6	1.5	–
2434	Wood kitchen cabinets	36.1	36.7	37.2	37.6	–	1.2	1.1	1.6	1.3	–
2435	Hardwood veneer and plywood	39.1	39.8	38.1	38.4	–	2.6	2.6	2.2	2.2	–
2436	Softwood veneer and plywood	35.4	35.9	40.2	40.5	–	2.2	2.0	3.3	3.9	–
244	Wood containers	38.2	38.5	38.2	37.9	–	2.0	2.2	2.0	2.1	–
245	Wood buildings and mobile homes	36.1	35.5	37.0	37.1	–	1.1	1.0	1.4	1.4	–
2451	Mobile homes	35.9	35.1	36.8	37.0	–	.8	.8	1.4	1.4	–
249	Miscellaneous wood products	39.7	39.6	39.0	38.9	–	2.7	2.5	2.1	2.0	–
25	FURNITURE AND FIXTURES	37.7	38.6	38.1	37.8	38.3	1.8	2.0	1.8	1.7	–
251	Household furniture	37.1	38.0	37.4	37.1	–	1.4	1.6	1.4	1.4	–
2511	Wood household furniture	37.2	38.7	37.0	36.5	–	1.7	2.0	1.5	1.5	–
2512	Upholstered household furniture	36.8	37.3	35.6	36.5	–	.9	1.2	.8	.9	–
2514	Metal household furniture	37.4	38.6	39.6	39.7	–	1.8	1.8	2.1	2.2	–
2515	Mattresses and bedsprings	36.4	35.5	38.4	38.2	–	1.7	1.3	1.9	1.6	–
252	Office furniture	39.0	40.3	38.3	37.9	–	2.6	2.9	2.2	1.7	–
253	Public building and related furniture	39.7	39.6	40.2	39.8	–	2.1	2.4	2.0	2.8	–
254	Partitions and fixtures	38.3	38.9	39.2	39.4	–	2.4	2.7	2.7	2.5	–
259	Miscellaneous furniture and fixtures	39.2	39.9	40.5	39.3	–	2.3	1.7	1.6	1.9	–

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry – Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Sept. 1981	Oct. 1981	Aug. 1982	Sept. 1982P	Oct. 1982P	Sept. 1981	Oct. 1981	Aug. 1982	Sept. 1982P	Oct. 1982P
32	STONE, CLAY, AND GLASS PRODUCTS	$385.32	$384.25	$362.59	$364.03	$364.19	$8.53	$8.53	$8.93	$9.01	$8.97
321	Flat glass	484.18	463.68	491.73	516.43	-	11.26	11.04	11.68	12.18	-
322	Glass and glassware, pressed or blown	365.31	365.65	381.50	382.80	-	9.02	8.94	9.49	9.57	-
3221	Glass containers	381.52	388.22	405.14	388.60	-	9.61	9.40	9.93	9.99	-
3229	Pressed and blown glass, nec	342.38	335.72	343.69	358.49	-	8.25	8.31	8.79	8.94	-
323	Products of purchased glass	300.13	310.13	324.39	317.58	-	7.56	7.62	8.13	8.04	-
324	Cement, hydraulic	523.38	506.62	517.90	528.76	-	12.20	12.12	12.54	12.68	-
325	Structural clay products	278.88	279.39	282.89	283.64	-	6.92	6.95	7.09	7.11	-
326	Pottery and related products	261.16	264.52	288.28	289.05	-	6.80	6.80	7.43	7.43	-
327	Concrete, gypsum, and plaster products	347.73	345.20	369.67	367.79	-	8.44	8.44	8.76	8.82	-
3271	Concrete block and brick	315.46	326.69	342.86	335.77	-	7.44	7.51	7.81	7.85	-
3272	Concrete products, nec	309.34	313.50	328.32	330.64	-	7.49	7.50	7.78	7.91	-
3273	Ready-mixed concrete	374.80	372.24	401.99	397.14	-	9.37	9.40	9.71	9.71	-
329	Misc. nonmetallic mineral products	337.28	335.60	342.61	353.23	-	8.39	8.39	8.74	8.92	-
3291	Abrasive products	322.74	325.60	316.35	318.05	-	8.09	8.14	8.62	8.69	-
3292	Asbestos products	325.24	342.26	365.49	358.83	-	8.43	8.43	8.98	8.86	-
33	PRIMARY METAL INDUSTRIES	457.78	435.51	440.07	440.06	427.86	11.22	10.97	11.49	11.55	11.44
331	Blast furnace and basic steel products	545.73	499.48	509.52	509.89	-	13.15	12.84	13.66	13.67	-
3312	Blast furnaces and steel mills	573.75	516.85	530.21	532.01	-	13.72	13.39	14.33	14.34	-
3317	Steel pipe and tubes	417.56	418.82	399.76	394.79	-	10.31	10.24	10.52	10.67	-
332	Iron and steel foundries	347.54	354.49	360.24	355.62	-	9.17	9.16	9.71	9.69	-
3321	Gray iron foundries	344.65	357.50	371.86	366.67	-	9.30	9.31	9.89	9.91	-
3322	Malleable iron foundries	368.76	364.93	373.69	367.67	-	9.86	9.81	10.21	10.27	-
3325	Steel foundries, nec	340.17	347.11	334.87	331.92	-	8.79	8.81	9.38	9.22	-
333	Primary nonferrous metals	553.72	511.28	530.47	542.57	-	12.70	12.44	12.97	13.43	-
3334	Primary aluminum	603.37	544.07	565.40	582.62	-	13.62	13.11	13.69	14.28	-
335	Nonferrous rolling and drawing	411.58	406.13	411.83	414.32	-	9.87	9.81	10.27	10.41	-
3351	Copper rolling and drawing	352.73	351.88	377.15	351.90	-	8.52	8.52	9.11	9.00	-
3353	Aluminum sheet, plate, and foil	540.58	527.07	545.94	557.51	-	12.81	12.67	13.48	14.15	-
3357	Nonferrous wire drawing and insulating	382.55	376.41	372.33	381.68	-	9.13	9.07	9.45	9.59	-
336	Nonferrous foundries	319.37	326.42	334.77	328.04	-	8.05	8.12	8.54	8.61	-
3361	Aluminum foundries	321.79	335.30	344.75	337.69	-	8.23	9.32	8.75	8.84	-
34	FABRICATED METAL PRODUCTS	330.70	337.28	346.04	345.21	345.32	8.33	8.39	8.85	8.90	8.88
341	Metal cans and shipping containers	479.62	478.66	515.05	509.50	-	11.19	11.08	11.95	11.96	-
3411	Metal cans	500.39	499.10	539.33	532.29	-	11.61	11.50	12.37	12.35	-
342	Cutlery, hand tools, and hardware	297.98	313.63	322.10	318.27	-	7.76	7.94	8.41	8.31	-
3423, 5	Hand and edge tools, and hand saws and blades	293.57	296.29	295.16	298.24	-	7.47	7.52	7.85	7.89	-
3429	Hardware, nec	304.99	327.81	341.61	332.06	-	8.09	8.32	8.85	8.67	-
343	Plumbing and heating, except electric	281.51	295.11	305.73	305.43	-	7.35	7.49	7.90	7.98	-
3432	Plumbing fittings and brass goods	267.58	280.53	286.89	286.88	-	6.95	7.12	7.53	7.65	-
3433	Heating equipment, except electric	282.94	293.53	313.21	314.73	-	7.33	7.45	7.99	8.07	-
344	Fabricated structural metal products	327.22	333.73	341.12	343.00	-	8.16	8.22	8.68	8.75	-
3441	Fabricated structural metal	350.58	359.87	364.11	364.40	-	8.53	8.63	9.08	9.11	-
3442	Metal doors, sash, and trim	257.28	257.01	264.99	263.35	-	6.58	6.59	6.76	6.71	-
3443	Fabricated plate work (boiler shops)	362.88	370.72	381.60	382.53	-	8.96	9.02	9.71	9.91	-
3444	Sheet metal work	325.48	330.37	343.55	347.14	-	8.24	8.28	8.97	8.97	-
3446	Architectural metal work	299.34	313.80	342.95	353.83	-	7.54	7.71	8.51	8.63	-
345	Screw machine products, bolts, etc.	312.83	318.39	313.78	314.88	-	7.86	7.94	8.15	8.20	-
3451	Screw machine products	287.17	293.27	289.92	291.08	-	7.27	7.35	7.55	7.62	-
3452	Bolts, nuts, rivets, and washers	337.24	341.74	336.59	338.14	-	8.41	8.48	8.72	8.76	-
346	Metal forgings and stampings	375.09	380.33	391.04	385.15	-	9.52	9.58	9.95	10.03	-
3462	Iron and steel forgings	390.87	402.51	421.13	407.69	-	10.10	10.19	10.91	10.93	-
3465	Automotive stampings	456.40	459.20	464.44	455.90	-	11.41	11.48	11.64	11.75	-
3469	Metal stampings, nec	289.73	294.62	309.67	305.69	-	7.41	7.44	7.92	7.94	-
347	Metal services, nec	261.10	263.21	273.78	273.93	-	6.61	6.63	7.02	7.06	-
3471	Plating and polishing	256.62	263.61	268.41	268.19	-	6.58	6.64	6.90	6.93	-
3479	Metal coating and allied services	271.06	262.68	285.04	287.73	-	6.66	6.60	7.29	7.36	-
348	Ordnance and accessories, nec	334.27	343.20	361.30	361.30	-	8.42	8.58	9.17	9.17	-
3483	Ammunition, excl. for small arms, nec	294.90	305.37	330.91	337.39	-	7.64	7.81	8.42	8.52	-
349	Misc. fabricated metal products	308.90	316.01	317.44	320.50	-	7.88	7.94	8.31	8.39	-
3494	Valves and pipe fittings	332.69	338.89	335.66	338.23	-	8.38	8.43	8.88	8.90	-
3496	Misc. fabricated wire products	264.52	267.44	282.36	279.41	-	6.80	6.84	7.24	7.22	-
35	MACHINERY, EXCEPT ELECTRICAL	361.98	367.93	364.80	355.21	354.25	8.96	9.04	9.33	9.39	9.34
351	Engines and turbines	452.48	445.04	450.43	453.19	-	11.20	11.21	11.52	11.65	-
3511	Turbines and turbine generator sets	418.12	420.21	445.20	443.45	-	10.30	10.35	11.13	11.17	-
3519	Internal combustion engines, nec	466.22	453.92	453.95	458.54	-	11.54	11.55	11.73	11.91	-
352	Farm and garden machinery	391.45	394.22	391.13	413.17	-	9.91	9.93	10.32	10.54	-
3523	Farm machinery and equipment	408.75	411.77	406.50	432.06	-	10.27	10.32	10.84	11.05	-
353	Construction and related machinery	402.62	408.29	395.79	397.82	-	9.82	9.91	10.28	10.36	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Sept. 1981	Oct. 1981	Aug. 1982	Sept. 1982P	Oct. 1982P	Sept. 1981	Oct. 1981	Aug. 1982	Sept. 1982P	Oct. 1982P
32	STONE, CLAY, AND GLASS PRODUCTS	40.6	40.5	40.6	40.4	40.5	4.0	3.8	3.8	3.8	-
321	Flat glass	43.0	42.0	42.1	42.4	-	4.6	3.4	3.9	4.4	-
322	Glass and glassware, pressed or blown	40.5	40.9	40.2	40.3	-	5.0	4.3	4.1	4.5	-
3221	Glass containers	39.7	41.3	40.9	39.9	-	5.5	5.1	4.8	5.2	-
3229	Pressed and blown glass, nec	41.5	40.4	39.1	40.1	-	4.3	3.3	3.0	3.5	-
323	Products of purchased glass	39.7	40.7	39.9	39.5	-	3.1	3.1	3.0	2.7	-
324	Cement, hydraulic	42.9	41.8	41.3	41.7	-	3.5	3.1	2.7	2.4	-
325	Structural clay products	40.3	40.2	39.9	39.9	-	3.3	3.0	2.6	2.5	-
326	Pottery and related products	38.7	38.9	38.8	38.5	-	2.0	2.2	1.6	1.6	-
327	Concrete, gypsum, and plaster products	41.2	40.9	42.2	41.7	-	4.7	4.8	5.5	5.1	-
3271	Concrete block and brick	42.4	43.5	43.9	42.9	-	4.2	4.7	5.7	5.0	-
3272	Concrete products, nec	41.3	41.8	42.2	41.8	-	4.2	4.7	4.9	4.7	-
3273	Ready-mixed concrete	40.0	39.6	41.4	40.9	-	4.7	4.9	5.5	5.2	-
329	Misc. nonmetallic mineral products	40.2	40.0	39.2	39.6	-	3.2	3.0	2.5	2.7	-
3291	Abrasive products	39.9	40.0	36.7	36.6	-	2.7	2.6	1.2	1.3	-
3292	Asbestos products	38.7	40.6	40.7	40.5	-	2.3	2.6	2.7	2.2	-
33	PRIMARY METAL INDUSTRIES	40.8	39.7	38.3	38.1	37.4	3.3	2.6	2.0	2.1	-
331	Blast furnace and basic steel products	41.5	38.9	37.3	37.3	-	3.3	2.2	1.5	1.4	-
3312	Blast furnaces and steel mills	41.6	38.6	37.0	37.1	-	3.3	2.1	1.4	1.3	-
3317	Steel pipe and tubes	40.5	40.9	38.0	37.0	-	2.9	2.8	2.0	2.0	-
332	Iron and steel foundries	37.9	38.7	37.1	36.7	-	2.6	2.4	1.9	1.6	-
3321	Gray iron foundries	37.6	38.4	37.6	37.0	-	2.6	2.4	2.3	1.9	-
3322	Malleable iron foundries	37.4	37.2	36.6	35.8	-	2.8	2.0	1.3	1.1	-
3325	Steel foundries, nec	38.7	39.4	35.7	36.0	-	2.3	2.7	1.1	1.0	-
333	Primary nonferrous metals	43.6	41.1	40.9	40.4	-	4.6	3.1	2.6	3.3	-
3334	Primary aluminum	44.3	41.5	41.3	40.8	-	5.9	3.3	2.9	3.9	-
335	Nonferrous rolling and drawing	41.7	41.4	40.1	39.8	-	4.4	3.8	3.1	3.5	-
3351	Copper rolling and drawing	41.4	41.3	41.4	39.1	-	4.5	4.1	3.5	2.4	-
3353	Aluminum sheet, plate and foil	42.2	41.6	40.5	39.4	-	5.7	4.2	4.4	6.6	-
3357	Nonferrous wire drawing and insulating	41.9	41.5	39.4	39.8	-	4.5	4.1	2.6	2.6	-
336	Nonferrous foundries	39.3	40.2	39.2	38.1	-	2.2	2.5	2.0	1.8	-
3361	Aluminum foundries	39.1	40.3	39.4	38.2	-	2.4	2.6	2.0	1.7	-
34	FABRICATED METAL PRODUCTS	39.7	40.2	39.1	38.9	39.0	2.7	2.7	2.0	2.0	-
341	Metal cans and shipping containers	42.9	43.2	43.1	42.6	-	4.9	4.1	4.9	4.3	-
3411	Metal cans	43.1	43.4	43.6	43.1	-	5.0	4.1	5.2	4.5	-
342	Cutlery, hand tools, and hardware	38.4	39.5	38.3	38.3	-	1.8	2.1	1.3	1.4	-
3423, 5	Hand and edge tools, and hand saws and blades	39.3	39.4	37.6	37.8	-	1.9	1.9	.9	1.3	-
3429	Hardware, nec	37.7	39.4	38.6	38.3	-	1.7	2.1	1.3	1.4	-
343	Plumbing and heating, except electric	38.3	39.4	38.7	38.4	-	1.7	1.7	1.1	1.4	-
3432	Plumbing fittings and brass goods	38.5	39.4	38.1	37.5	-	1.7	1.8	.8	1.2	-
3433	Heating equipment, except electric	38.5	39.4	39.2	39.0	-	1.6	1.8	1.4	1.6	-
344	Fabricated structural metal products	40.1	40.6	39.3	39.2	-	2.8	2.9	2.2	2.2	-
3441	Fabricated structural metal	41.1	41.7	40.1	40.0	-	3.0	3.2	2.8	2.7	-
3442	Metal doors, sash, and trim	39.1	39.0	39.2	38.8	-	2.3	2.2	2.2	2.0	-
3443	Fabricated plate work (boiler shops)	40.5	41.1	39.3	38.5	-	3.4	3.3	2.1	1.8	-
3444	Sheet metal work	39.5	39.9	38.3	38.7	-	2.4	2.7	1.7	2.1	-
3446	Architectural metal work	39.7	40.7	40.3	41.0	-	1.7	2.1	2.6	2.2	-
345	Screw machine products, bolts, etc.	39.8	40.1	38.5	38.4	-	2.5	2.8	1.6	1.5	-
3451	Screw machine products	39.5	39.9	38.4	38.2	-	2.3	2.8	1.4	1.4	-
3452	Bolts, nuts, rivets, and washers	40.1	40.3	38.6	38.6	-	2.8	2.8	1.7	1.6	-
346	Metal forgings and stampings	39.4	39.7	39.3	38.4	-	2.8	2.6	2.0	1.9	-
3462	Iron and steel forgings	38.7	39.5	38.6	37.3	-	2.5	2.5	1.8	1.6	-
3465	Automotive stampings	40.0	40.0	39.9	38.8	-	3.2	3.0	2.3	2.0	-
3469	Metal stampings, nec	39.1	39.6	39.1	38.5	-	2.3	2.3	1.7	1.8	-
347	Metal services, nec	39.5	39.7	39.0	38.8	-	2.6	2.6	2.3	2.4	-
3471	Plating and polishing	39.0	39.7	38.9	38.7	-	2.7	2.9	2.2	2.2	-
3479	Metal coating and allied services	40.7	39.8	39.1	39.1	-	2.2	2.0	2.6	2.8	-
348	Ordnance and accessories, nec	39.7	40.0	39.4	39.4	-	2.7	2.7	2.1	2.1	-
3483	Ammunition, exc. for small arms, nec	38.6	39.1	39.3	39.6	-	1.9	2.5	1.8	1.9	-
349	Misc. fabricated metal products	39.2	39.8	38.2	38.2	-	2.6	2.7	1.6	1.7	-
3494	Valves and pipe fittings	39.7	40.2	37.8	38.0	-	2.8	3.0	1.4	1.3	-
3496	Misc. fabricated wire products	38.9	39.1	39.0	38.7	-	2.4	2.2	1.6	1.6	-
35	MACHINERY, EXCEPT ELECTRICAL	40.4	40.7	39.1	39.0	39.0	3.1	3.1	1.9	1.9	-
351	Engines and turbines	40.4	39.7	39.1	38.9	-	2.7	2.5	1.6	1.4	-
3511	Turbines and turbine generator sets	40.4	40.6	40.0	39.7	-	3.4	3.8	3.0	3.0	-
3519	Internal combustion engines, nec	40.4	39.3	38.7	38.5	-	2.5	2.0	.8	.6	-
352	Farm and garden machinery	39.5	39.7	37.9	39.2	-	3.0	2.7	1.6	2.3	-
3523	Farm machinery and equipment	39.8	39.9	37.5	39.1	-	3.4	3.0	1.8	2.5	-
353	Construction and related machinery	41.0	41.2	38.5	38.4	-	3.4	3.4	1.6	1.5	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Sept. 1981	Oct. 1981	Aug. 1982	Sept. 1982P	Oct. 1982P	Sept. 1981	Oct. 1981	Aug. 1982	Sept. 1982P	Oct. 1982P
	MACHINERY, EXCEPT ELECTRICAL—Continued										
3531	Construction machinery	$435.00	$440.75	$440.83	$438.12	-	$11.01	$11.13	$11.48	$11.56	-
3532	Mining machinery	385.53	387.00	386.14	402.53	-	9.81	10.00	10.38	10.51	-
3533	Oil field machinery	421.12	427.50	392.96	400.30	-	9.40	9.50	10.05	10.16	-
3535	Conveyors and conveying equipment	334.85	335.87	357.87	335.92	-	8.72	8.59	9.06	8.84	-
3537	Industrial trucks and tractors	314.42	330.80	321.71	328.62	-	8.34	8.57	8.79	8.93	-
354	Metalworking machinery	367.52	374.42	372.27	371.88	-	9.03	9.11	9.57	9.56	-
3541	Machine tools, metal cutting types	382.44	385.22	371.95	370.05	-	9.26	9.35	9.84	9.79	-
3542	Machine tools, metal forming types	369.10	371.33	369.89	365.27	-	9.44	9.67	9.97	9.98	-
3544	Special dies, tools, jigs, and fixtures	393.30	401.52	404.21	405.41	-	9.50	9.56	10.08	10.11	-
3545	Machine tool accessories	329.87	338.52	326.88	326.24	-	8.33	8.40	8.74	8.77	-
3546	Power driven hand tools	291.00	291.91	301.75	297.35	-	7.33	7.39	7.62	7.49	-
355	Special industry machinery	335.20	341.01	352.02	354.75	-	8.33	8.42	8.98	9.05	-
3551	Food products machinery	345.20	344.66	368.02	370.80	-	8.63	8.77	9.27	9.34	-
3552	Textile machinery	265.86	271.04	268.80	276.05	-	6.68	6.81	7.13	7.17	-
3555	Printing trades machinery	363.72	359.92	364.65	368.55	-	8.66	8.59	9.35	9.45	-
356	General industrial machinery	354.40	362.30	357.44	356.13	-	8.86	8.99	9.26	9.25	-
3561	Pumps and pumping equipment	353.58	366.51	361.00	363.28	-	9.02	9.14	9.50	9.56	-
3562	Ball and roller bearings	357.57	366.03	356.61	357.85	-	8.70	8.82	8.96	8.88	-
3563	Air and gas compressors	412.59	404.46	403.87	395.64	-	9.64	9.63	10.10	10.33	-
3564	Blowers and fans	318.30	333.23	342.14	342.39	-	8.12	8.31	8.64	8.69	-
3566	Speed changers, drives, and gears	388.87	391.15	349.15	334.71	-	9.82	9.73	9.78	9.73	-
3568	Power transmission equipment, nec	332.93	333.86	325.25	336.82	-	8.18	8.41	8.96	9.03	-
357	Office and computing machines	312.42	316.71	325.19	327.26	-	7.62	7.65	7.99	8.07	-
3573	Electronic computing equipment	314.71	319.01	323.93	328.41	-	7.62	7.65	7.92	8.01	-
358	Refrigeration and service machinery	317.54	334.51	339.86	336.01	-	8.08	8.28	8.67	8.66	-
3585	Refrigeration and heating equipment	327.49	330.22	350.95	347.65	-	8.27	8.36	8.93	8.96	-
359	Misc. machinery, except electrical	343.94	349.80	349.59	351.26	-	8.62	8.68	9.01	9.10	-
3592	Carburetors, pistons, rings, valves	406.33	403.52	403.37	398.56	-	10.26	10.19	10.45	10.60	-
3599	Machinery, except electrical, nec	333.56	341.38	341.54	343.27	-	8.36	8.45	8.78	8.87	-
36	ELECTRIC AND ELECTRONIC EQUIPMENT	307.68	311.22	322.18	322.87	$326.04	7.75	7.80	8.24	8.32	$8.3[illegible]
361	Electric distributing equipment	298.31	306.48	316.47	321.99	-	7.61	7.72	8.22	8.32	-
3612	Transformers	298.89	303.06	318.77	327.85	-	7.38	7.52	8.07	8.30	-
3613	Switchgear and switchboard apparatus	297.94	310.08	313.96	317.75	-	7.82	7.89	8.35	8.34	-
362	Electrical industrial apparatus	319.01	321.20	319.28	311.17	-	7.92	7.99	8.38	8.41	-
3621	Motors and generators	307.31	315.97	327.27	312.29	-	7.78	7.86	8.37	8.35	-
3622	Industrial controls	313.62	319.20	305.43	307.80	-	7.96	8.02	8.19	8.23	-
363	Household appliances	297.54	296.44	308.39	313.86	-	7.72	7.66	8.01	8.11	-
3632	Household refrigerators and freezers	354.88	343.80	371.20	375.25	-	9.03	9.00	9.28	9.50	-
3633	Household laundry equipment	338.93	346.14	366.82	372.62	-	9.21	9.28	9.73	9.78	-
3634	Electric housewares and fans	233.92	236.34	244.22	247.81	-	6.06	6.06	6.36	6.42	-
364	Electric lighting and wiring equipment	281.46	287.23	306.15	303.78	-	7.18	7.29	7.81	7.87	-
3641	Electric lamps	328.86	336.60	358.18	354.68	-	8.12	8.25	8.91	9.03	-
3643	Current carrying wiring devices	269.50	272.65	281.30	274.08	-	6.84	6.92	7.25	7.27	-
3644	Noncurrent carrying wiring devices	292.87	294.32	299.00	295.07	-	7.34	7.47	7.91	8.04	-
3645	Residential lighting fixtures	217.35	218.31	234.14	232.02	-	5.75	5.70	6.05	5.98	-
365	Radio and TV receiving equipment	283.86	288.95	300.66	292.61	-	7.15	7.26	7.67	7.68	-
3651	Radio and TV receiving sets	284.20	296.60	306.94	287.49	-	7.25	7.49	7.85	7.77	-
366	Communication equipment	367.74	369.46	387.47	396.00	-	9.08	9.10	9.76	9.90	-
3661	Telephone and telegraph apparatus	402.82	395.31	404.32	411.44	-	9.73	9.68	10.21	10.39	-
3662	Radio and TV communication equipment	346.40	353.50	379.29	387.93	-	8.66	8.75	9.53	9.65	-
367	Electronic components and accessories	265.72	267.58	283.02	283.58	-	6.71	6.74	7.22	7.29	-
3671,3	Electronic tubes	337.68	337.39	356.54	372.25	-	8.40	8.52	9.10	9.26	-
3674	Semiconductors and related devices	308.74	309.91	324.35	322.18	-	7.68	7.69	8.17	8.24	-
3679	Electronic components, nec	241.52	250.97	265.05	255.38	-	6.26	6.29	6.71	6.77	-
369	Misc. electrical equipment and supplies	347.13	355.72	362.96	334.93	-	8.70	8.74	8.61	8.61	-
3691	Storage batteries	346.33	377.16	377.48	370.75	-	8.79	8.98	9.39	9.58	-
3694	Engine electrical equipment	379.08	382.97	338.72	331.01	-	9.77	9.72	8.73	8.62	-
37	TRANSPORTATION EQUIPMENT	418.55	440.34	447.20	443.98	452.73	10.49	10.74	11.18	11.24	11.29
371	Motor vehicles and equipment	437.27	464.94	461.74	451.23	-	11.07	11.34	11.66	11.69	-
3711	Motor vehicles and car bodies	485.55	532.51	504.19	496.02	-	12.45	12.77	13.13	13.03	-
3713	Truck and bus bodies	350.55	370.47	385.54	382.58	-	8.83	9.17	8.77	9.40	-
3714	Motor vehicle parts and accessories	417.35	428.74	451.77	439.56	-	10.46	10.56	11.10	11.10	-
3715	Truck trailers	285.29	298.29	308.03	308.03	-	7.53	7.59	7.98	7.98	-
372	Aircraft and parts	427.99	438.70	461.22	454.71	-	10.49	10.70	11.36	11.39	-
3721	Aircraft	446.49	458.97	487.56	487.59	-	10.89	11.14	11.95	11.98	-
3724	Aircraft engines and engine parts	424.66	431.32	454.56	453.85	-	10.59	10.81	11.28	11.29	-
3728	Aircraft equipment, nec	395.65	408.24	419.99	432.43	-	9.58	9.72	10.32	10.42	-
373	Ship and boat building and repairing	363.60	387.20	393.81	391.04	-	9.09	9.33	9.87	9.95	-
3731	Shipbuilding and repairing	381.35	409.78	413.60	-	-	9.51	9.78	10.34	-	-
3732	Boat building and repairing	296.25	304.36	305.73	289.85	-	7.50	7.59	7.74	7.75	-
374	Railroad equipment	427.69	438.20	427.90	436.62	-	11.08	11.15	11.35	11.49	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Sept. 1981	Oct. 1981	Aug. 1982	Sept. 1982P	Oct. 1982P	Sept. 1981	Oct. 1981	Aug. 1982	Sept. 1982P	Oct. 1982P
	MACHINERY, EXCEPT ELECTRICAL—Continued										
3531	Construction machinery	39.6	39.6	38.4	37.9	-	1.7	1.8	0.9	1.0	-
3532	Mining machinery	39.3	38.7	37.2	38.3	-	1.7	2.0	1.1	.9	-
3533	Oil field machinery	44.8	45.0	39.1	39.4	-	6.5	6.1	2.2	2.0	-
3535	Conveyors and conveying equipment	38.4	39.1	39.5	38.0	-	2.9	2.6	2.4	1.9	-
3537	Industrial trucks and tractors	37.7	38.6	36.6	36.8	-	2.2	2.1	.9	1.3	-
354	Metalworking machinery	40.7	41.1	38.9	38.9	-	3.7	3.9	2.5	2.2	-
3541	Machine tools, metal cutting types	41.3	41.2	37.8	37.8	-	4.1	4.1	1.5	1.3	-
3542	Machine tools, metal forming types	39.1	38.4	37.1	36.6	-	2.6	2.6	1.0	.8	-
3544	Special dies, tools, jigs, and fixtures	41.4	42.0	40.1	40.1	-	4.4	4.7	3.6	3.2	-
3545	Machine tool accessories	39.6	40.3	37.4	37.2	-	2.9	3.2	1.2	1.0	-
3546	Power driven hand tools	39.7	39.5	39.6	39.7	-	2.3	2.2	2.3	2.6	-
355	Special industry machinery	40.6	40.5	39.2	39.2	-	2.8	2.7	1.9	2.1	-
3551	Food products machinery	40.0	39.3	39.7	39.7	-	2.0	2.1	2.0	2.0	-
3552	Textile machinery	39.8	39.8	37.7	38.5	-	1.9	1.7	1.0	1.3	-
3555	Printing trades machinery	42.0	41.9	39.0	39.0	-	3.7	3.4	2.1	2.4	-
356	General industrial machinery	40.0	40.3	38.6	38.5	-	3.3	2.8	1.5	1.6	-
3561	Pumps and pumping equipment	39.2	40.1	38.0	38.0	-	2.6	2.8	1.1	1.4	-
3562	Ball and roller bearings	41.1	41.5	39.8	40.3	-	3.1	3.2	1.9	1.9	-
3563	Air and gas compressors	42.8	42.0	39.7	38.3	-	4.4	3.8	2.4	2.6	-
3564	Blowers and fans	39.2	40.1	39.6	39.4	-	2.9	3.3	1.7	1.7	-
3568	Speed changers, drives, and gears	39.6	40.2	35.7	34.4	-	3.5	2.7	.7	.6	-
3569	Power transmission equipment, nec	40.7	39.7	36.3	37.3	-	2.8	1.8	1.3	1.5	-
357	Office and computing machines	41.3	41.4	40.7	40.8	-	3.0	3.0	2.0	2.2	-
3573	Electronic computing equipment	41.3	41.7	40.9	41.3	-	3.4	3.3	2.2	2.5	-
358	Refrigeration and service machinery	39.3	40.4	39.2	38.8	-	2.0	2.1	1.7	1.5	-
3585	Refrigeration and heating equipment	39.6	39.5	39.3	38.8	-	2.0	2.0	1.7	1.2	-
359	Misc. machinery, except electrical	39.9	40.3	38.8	38.6	-	3.1	3.4	2.1	1.9	-
3592	Carburetors, pistons, rings, valves	39.6	39.6	38.6	37.6	-	1.9	1.8	1.4	1.4	-
3599	Machinery, except electrical, nec	39.9	40.4	38.9	38.7	-	3.3	3.7	2.2	2.0	-
36	ELECTRIC AND ELECTRONIC EQUIPMENT	39.7	39.9	39.1	38.8	39.0	2.3	2.2	1.8	1.8	-
361	Electric distributing equipment	39.2	39.7	38.5	38.7	-	2.3	2.4	1.7	2.0	-
3612	Transformers	40.5	40.3	39.5	39.5	-	2.6	2.5	2.1	2.7	-
3613	Switchgear and switchboard apparatus	38.1	39.3	37.6	38.1	-	2.1	2.3	1.4	1.4	-
362	Electrical industrial apparatus	39.9	40.2	38.1	37.0	-	2.7	2.4	1.4	1.4	-
3621	Motors and generators	39.5	40.2	39.1	37.4	-	2.4	2.4	1.6	1.4	-
3622	Industrial controls	39.4	39.8	37.3	37.4	-	2.5	2.3	1.2	1.3	-
363	Household appliances	38.8	38.7	38.5	38.7	-	1.9	1.7	1.5	1.5	-
3632	Household refrigerators and freezers	39.3	38.2	40.0	39.5	-	1.5	1.1	1.7	1.2	-
3633	Household laundry equipment	36.8	37.3	37.7	38.1	-	.9	.9	.6	.4	-
3634	Electric housewares and fans	38.6	39.0	38.4	38.6	-	2.2	2.2	1.8	1.9	-
364	Electric lighting and wiring equipment	39.2	39.4	39.2	38.6	-	1.9	2.1	1.7	1.6	-
3641	Electric lamps	40.5	40.8	40.2	39.3	-	1.6	1.9	1.6	1.4	-
3643	Current-carrying wiring devices	39.4	39.4	38.8	37.7	-	2.4	2.6	1.7	1.5	-
3644	Noncurrent-carrying wiring devices	39.9	39.4	37.8	36.7	-	2.2	2.1	1.3	1.2	-
3645	Residential lighting fixtures	37.8	38.3	38.7	38.8	-	1.6	1.5	1.5	1.5	-
365	Radio and TV receiving equipment	39.7	39.8	39.2	38.1	-	1.5	1.5	1.3	1.7	-
3651	Radio and TV receiving sets	39.2	39.6	39.1	37.0	-	1.2	1.6	1.3	1.8	-
366	Communication equipment	40.5	40.6	39.7	40.0	-	2.5	2.5	1.9	2.2	-
3661	Telephone and telegraph apparatus	41.4	40.9	39.6	39.5	-	3.0	2.8	1.8	2.0	-
3662	Radio and TV communication equipment	40.0	40.4	39.8	40.2	-	2.2	2.3	2.0	2.3	-
367	Electronic components and accessories	39.6	39.7	39.2	38.9	-	2.4	2.3	2.0	1.9	-
3671,3	Electronic tubes	40.2	39.6	39.4	40.2	-	2.1	2.0	1.9	1.9	-
3674	Semiconductors and related devices	40.2	40.3	39.7	39.1	-	2.6	2.4	2.4	2.4	-
3679	Electronic components, nec	39.7	39.9	39.5	39.2	-	2.4	2.3	1.9	1.9	-
369	Misc. electrical equipment and supplies	39.9	40.7	39.6	38.9	-	2.1	2.4	2.0	1.7	-
3691	Storage batteries	39.4	42.0	40.2	38.7	-	2.1	3.1	2.6	2.5	-
3694	Engine electrical equipment	38.8	39.4	38.8	38.4	-	1.6	1.8	1.7	1.5	-
37	TRANSPORTATION EQUIPMENT	39.9	41.0	40.0	39.5	40.1	2.9	3.0	2.8	2.6	-
371	Motor vehicles and equipment	39.5	41.0	39.6	38.6	-	2.5	2.8	2.7	2.2	-
3711	Motor vehicles and car bodies	39.0	41.7	38.4	37.3	-	2.4	3.0	2.8	2.0	-
3713	Truck and bus bodies	39.7	40.4	39.4	40.7	-	2.1	3.0	1.4	1.7	-
3714	Motor vehicle parts and accessories	39.9	40.6	40.7	39.6	-	2.8	2.6	2.9	2.4	-
3715	Truck trailers	37.9	39.3	38.6	38.6	-	1.6	2.2	.7	.9	-
372	Aircraft and parts	40.8	41.0	40.6	40.8	-	3.3	3.4	3.0	3.2	-
3721	Aircraft	41.0	41.2	40.8	40.7	-	2.9	2.9	2.6	2.7	-
3724	Aircraft engines and engine parts	40.1	39.9	40.3	40.2	-	3.4	3.3	3.3	3.7	-
3728	Aircraft equipment, nec	41.3	42.0	40.6	41.5	-	3.9	4.3	3.5	3.7	-
373	Ship and boat building and repairing	40.3	41.5	39.9	39.3	-	3.9	3.4	2.6	2.7	-
3731	Ship building and repairing	40.1	41.9	40.0	-	-	3.9	3.4	2.8	-	-
3732	Boat building and repairing	39.5	40.1	39.5	37.4	-	3.7	3.1	1.6	1.3	-
374	Railroad equipment	38.6	39.3	37.7	38.3	-	2.3	2.6	1.1	1.5	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Sept. 1981	Oct. 1981	Aug. 1982	Sept. 1982P	Oct. 1982P	Sept. 1981	Oct. 1981	Aug. 1982	Sept. 1982P	Oct. 1982P
	TRANSPORTATION EQUIPMENT—Continued										
376	Guided missiles, space vehicles, parts	$432.38	$418.37	$450.31	$449.74	-	$11.11	$10.33	$11.01	$11.05	-
3761	Guided missiles and space vehicles	432.09	430.54	468.09	454.92	-	10.38	10.71	11.21	11.23	-
379	Miscellaneous transportation equipment	310.87	324.41	348.79	367.62	-	7.89	8.03	8.83	9.26	-
3792	Travel trailers and campers	253.50	279.80	284.90	284.65	-	6.87	7.23	7.70	7.82	-
38	INSTRUMENTS AND RELATED PRODUCTS	306.64	307.04	335.16	335.07	$332.54	7.59	7.60	8.40	8.44	$8.44
381	Engineering and scientific instruments	322.79	328.02	339.25	346.06	-	7.97	8.02	8.46	8.63	-
382	Measuring and controlling devices	308.10	305.76	351.20	345.84	-	7.57	7.55	8.78	8.80	-
3822	Environmental controls	261.85	274.45	303.78	303.69	-	7.19	7.11	7.87	7.81	-
3823	Process control instruments	338.75	323.51	325.51	326.23	-	7.50	7.63	8.22	8.28	-
3825	Instruments to measure electricity	325.97	317.56	404.17	400.36	-	7.97	7.88	9.81	9.91	-
383	Optical instruments and lenses	326.73	321.50	348.79	355.87	-	8.23	8.16	8.83	8.79	-
384	Medical instruments and supplies	259.65	262.42	276.90	279.36	-	6.59	6.61	7.01	7.05	-
3841	Surgical and medical instruments	258.89	263.06	283.81	281.39	-	6.44	6.56	7.06	7.07	-
3842	Surgical appliances and supplies	261.61	262.52	272.61	274.25	-	6.76	6.68	6.99	7.05	-
385	Ophthalmic goods	227.26	226.69	242.35	240.58	-	5.71	5.71	6.12	6.06	-
387	Watches, clocks, and watchcases	413.44	415.80	425.72	440.75	-	9.89	9.90	10.59	10.75	-
39	MISCELLANEOUS MANUFACTURING INDUSTRIES	228.28	229.50	243.36	237.77	-	5.75	5.81	6.13	6.05	-
391	Jewelry, silverware, and plated ware	234.14	237.37	246.65	244.83	251.94	6.05	6.05	6.39	6.48	6.51
3911	Jewelry, precious metal	262.59	262.02	259.38	261.37	-	6.51	6.60	6.86	6.86	-
393	Musical instruments	235.74	245.16	255.07	251.79	-	5.66	6.73	6.95	6.96	-
394	Toys and sporting goods	232.54	232.76	252.20	248.17	-	6.04	6.03	6.50	6.59	-
3942 4	Dolls, games, toys, and children's vehicles	220.74	222.61	232.85	237.77	-	5.66	5.65	5.94	6.05	-
3949	Sporting and athletic goods, nec	204.91	203.79	220.13	219.43	-	5.35	5.25	5.63	5.67	-
396	Pens, pencils, office and art supplies	238.43	243.41	245.39	254.16	-	5.89	6.07	6.26	6.42	-
398	Costume jewelry and notions	241.70	246.93	266.53	276.34	-	6.15	6.19	6.68	6.76	-
3961	Costume jewelry	201.88	202.79	204.83	208.19	-	5.23	5.16	5.42	5.45	-
395	Miscellaneous manufactures	188.82	184.99	191.14	197.49	-	4.93	4.78	5.03	5.09	-
3993	Signs and advertising displays	269.06	252.85	262.19	265.24	-	6.52	6.50	6.81	6.98	-
		273.86	275.18	292.41	293.38	-	7.04	7.02	7.26	7.64	-
	NONDURABLE GOODS										
20	FOOD AND KINDRED PRODUCTS	333.89	296.65	310.86	315.21	310.87	7.56	7.51	7.85	7.90	7.87
201	Meat products	300.13	294.00	292.14	296.29	-	7.56	7.50	7.51	7.52	-
2011	Meat packing plants	379.10	377.15	364.49	373.12	-	9.18	9.11	8.89	8.94	-
2013	Sausages and other prepared meats	352.42	345.05	358.29	359.29	-	8.88	8.78	9.14	9.05	-
2015	Poultry dressing plants	187.56	179.22	187.76	193.21	-	4.91	4.87	5.13	5.18	-
202	Dairy products	329.22	311.81	334.14	344.45	-	7.82	7.68	8.13	8.32	-
2022	Cheese, natural and processed	296.21	285.32	303.77	311.66	-	7.48	7.26	7.71	7.89	-
2026	Fluid milk	348.92	327.98	353.69	361.64	-	8.13	7.98	8.43	8.59	-
203	Preserved fruits and vegetables	263.13	251.90	275.92	281.10	-	6.67	6.56	6.95	7.01	-
2032	Canned specialties	335.75	335.79	357.08	376.17	-	7.59	7.58	8.19	8.53	-
2033	Canned fruits and vegetables	263.07	241.98	273.62	276.58	-	6.66	6.47	6.98	6.88	-
2037	Frozen fruits and vegetables	293.10	237.86	255.02	260.36	-	6.53	6.36	6.44	6.80	-
204	Grain mill products	371.91	361.66	386.09	399.97	-	8.53	8.45	9.11	9.28	-
2041	Flour and other grain mill products	395.87	379.85	421.74	422.42	-	8.55	8.46	9.31	9.45	-
2048	Prepared feeds, nec	295.67	298.29	300.33	315.66	-	6.86	6.86	7.10	7.29	-
205	Bakery products	308.27	305.98	319.73	327.06	-	8.07	8.01	8.46	8.54	-
2051	Bread, cake, and related products	310.84	305.42	321.75	329.28	-	8.18	8.08	8.58	8.62	-
2052	Cookies and crackers	299.54	306.54	314.24	321.21	-	7.74	7.82	8.12	8.30	-
206	Sugar and confectionery products	291.67	298.94	324.35	314.09	-	7.31	7.09	7.97	7.85	-
2061 3	Cane sugar refining	374.96	346.54	391.34	385.54	-	8.72	7.77	9.41	9.29	-
2065	Confectionery products	245.24	252.73	278.87	264.21	-	6.42	6.35	7.06	6.84	-
207	Fats and oils	344.80	334.96	353.21	353.72	-	8.00	7.90	8.35	8.40	-
208	Beverages	374.14	367.49	394.94	403.72	-	9.17	9.28	9.68	9.87	-
2082	Malt beverages	525.34	529.05	556.78	562.22	-	12.39	12.81	13.07	13.26	-
2086	Bottled and canned soft drinks	271.44	262.48	302.74	294.46	-	6.82	6.80	7.42	7.38	-
209	Misc. foods and kindred products	249.12	248.52	261.32	255.19	-	6.58	6.54	6.95	6.86	-
21	TOBACCO MANUFACTURES	352.15	341.60	363.09	379.93	382.71	8.76	8.67	9.53	9.57	9.94
211	Cigarettes	458.90	447.83	454.96	480.64	-	11.22	11.14	11.99	12.23	-
22	TEXTILE MILL PRODUCTS	221.34	225.37	222.91	223.85	225.61	5.69	5.72	5.82	5.86	5.86
221	Weaving mills, cotton	238.63	241.38	227.08	231.33	-	5.90	5.96	5.96	6.04	-
222	Weaving mills, synthetics	242.00	251.71	236.69	236.36	-	5.99	6.08	6.18	6.20	-
223	Weaving and finishing mills, wool	232.94	236.34	240.86	227.30	-	5.73	5.85	6.16	6.16	-
224	Narrow fabric mills	202.64	201.37	213.68	217.88	-	5.13	5.19	5.55	5.63	-
225	Knitting mills	193.20	197.40	204.12	204.17	-	5.25	5.25	5.40	5.43	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Sept. 1981	Oct. 1981	Aug. 1982	Sept. 1982P	Oct. 1982P	Sept. 1981	Oct. 1981	Aug. 1982	Sept. 1982P	Oct. 1982P
	TRANSPORTATION EQUIPMENT—Continued										
376	Guided missiles, space vehicles, parts	39.8	40.5	40.9	41.7	-	2.6	3.0	3.4	3.0	-
3761	Guided missiles and space vehicles	39.7	40.2	41.4	41.4	-	2.4	2.8	3.6	3.1	-
379	Miscellaneous transportation equipment	39.4	40.4	39.5	39.7	-	2.1	2.5	2.9	3.6	-
3792	Travel trailers and campers	36.9	36.7	37.0	36.4	-	1.2	2.0	1.4	1.5	-
38	INSTRUMENTS AND RELATED PRODUCTS	40.4	40.4	39.9	39.7	39.4	2.4	2.2	1.6	1.7	-
381	Engineering and scientific instruments	40.5	40.9	40.3	40.1	-	3.3	2.7	1.7	2.1	-
382	Measuring and controlling devices	40.7	40.5	40.0	39.3	-	2.2	2.1	1.1	1.0	-
3822	Environmental controls	39.2	38.6	38.6	38.5	-	1.7	1.4	1.0	.7	-
3823	Process control instruments	42.6	42.4	39.6	39.4	-	3.2	3.1	1.0	1.5	-
3825	Instruments to measure electricity	40.9	40.3	41.2	40.4	-	1.9	1.9	1.0	.9	-
383	Optical instruments and lenses	39.7	39.4	38.5	40.6	-	2.5	2.0	1.6	2.3	-
384	Medical instruments and supplies	39.4	39.7	39.5	39.2	-	2.5	2.3	2.0	2.1	-
3841	Surgical and medical instruments	40.2	40.1	40.2	39.8	-	2.5	2.3	2.5	2.5	-
3842	Surgical appliances and supplies	38.7	39.3	39.0	38.9	-	2.7	2.4	1.6	1.8	-
385	Ophthalmic goods	39.8	39.7	39.6	39.7	-	1.5	1.3	1.5	1.7	-
386	Photographic equipment and supplies	41.5	42.0	40.2	41.2	-	2.6	2.8	1.8	2.0	-
387	Watches, clocks, and watchcases	39.7	39.5	38.7	39.3	-	2.2	2.0	1.8	2.1	-
39	MISCELLANEOUS MANUFACTURING INDUSTRIES	38.7	39.3	38.6	38.4	38.7	2.2	2.2	1.6	1.8	-
391	Jewelry, silverware, and plated ware	38.8	39.7	37.7	38.1	-	2.2	3.0	1.4	1.7	-
3911	Jewelry, precious metal	38.4	39.4	36.7	37.6	-	2.2	3.2	1.2	1.8	-
393	Musical instruments	38.5	38.6	38.8	38.9	-	1.3	1.6	.7	.6	-
394	Toys and sporting goods	39.0	39.4	39.2	39.3	-	2.5	2.2	1.6	1.7	-
3942, 4	Dolls, games, toys, and children's vehicles	38.3	38.8	39.1	38.7	-	2.3	1.7	1.3	1.2	-
3949	Sporting and athletic goods, nec	39.8	40.1	39.2	39.9	-	2.7	2.6	2.0	2.1	-
395	Pens, pencils, office and art supplies	39.1	39.9	39.9	39.4	-	1.8	1.9	1.7	1.8	-
396	Costume jewelry and notions	38.6	39.3	37.7	38.2	-	2.1	2.3	2.1	2.6	-
3961	Costume jewelry	38.3	38.7	38.0	38.8	-	2.0	2.0	2.8	3.7	-
399	Miscellaneous manufactures	38.2	38.9	38.5	38.3	-	2.1	2.0	1.6	1.8	-
3993	Signs and advertising displays	38.9	39.2	38.9	38.4	-	2.6	2.5	1.8	2.0	-
	NONDURABLE GOODS										
20	FOOD AND KINDRED PRODUCTS	39.8	39.5	39.6	39.9	39.5	4.2	3.7	3.5	4.2	-
201	Meat products	39.7	39.2	38.3	39.4	-	3.8	3.5	3.3	3.5	-
2011	Meat packing plants	41.3	41.4	41.0	41.4	-	5.1	4.5	4.3	4.8	-
2013	Sausages and other prepared meats	39.8	39.3	39.2	38.7	-	3.6	3.5	3.3	3.1	-
2016	Poultry dressing plants	38.2	38.8	38.6	37.8	-	2.4	2.3	2.3	2.5	-
202	Dairy products	42.1	40.6	41.1	41.6	-	4.6	3.4	3.9	4.3	-
2022	Cheese, natural and processed	39.6	39.3	39.4	39.5	-	3.5	2.9	3.0	3.7	-
2026	Fluid milk	43.2	41.1	41.6	42.1	-	5.5	3.8	4.2	4.7	-
203	Preserved fruits and vegetables	39.2	38.4	39.7	40.1	-	4.5	3.3	5.0	5.4	-
2032	Canned specialties	42.1	44.3	43.6	44.1	-	5.1	4.6	6.0	7.2	-
2033	Canned fruits and vegetables	39.5	37.4	39.2	40.2	-	5.1	3.4	5.4	5.8	-
2037	Frozen fruits and vegetables	38.3	37.4	39.6	41.2	-	4.7	3.4	5.0	6.7	-
204	Grain mill products	43.6	42.8	42.6	43.1	-	6.3	5.7	5.1	6.0	-
2041	Flour and other grain mill products	46.3	44.9	45.3	44.7	-	7.1	5.6	6.1	7.3	-
2048	Prepared feeds, nec	43.1	42.9	42.3	43.3	-	6.1	5.7	5.0	5.9	-
205	Bakery products	38.2	38.2	37.8	38.3	-	3.5	3.0	2.8	3.1	-
2051	Bread, cake, and related products	38.0	37.8	37.5	38.2	-	3.9	3.1	3.0	3.3	-
2052	Cookies and crackers	38.7	39.2	38.7	38.7	-	2.5	2.7	2.3	2.6	-
206	Sugar and confectionery products	39.9	41.6	40.7	40.9	-	3.3	4.3	3.0	3.4	-
2061-3	Cane and beet sugar	43.3	44.6	41.8	41.5	-	5.0	6.7	3.9	5.2	-
2065	Confectionery products	38.2	39.8	39.5	39.7	-	2.6	3.2	2.3	2.4	-
207	Fats and oils	43.1	42.9	42.3	43.3	-	5.7	5.7	4.9	5.6	-
208	Beverages	40.8	39.6	40.8	40.6	-	4.5	3.8	3.9	3.9	-
2082	Malt beverages	42.4	41.3	42.6	42.4	-	6.7	6.2	5.2	5.4	-
2086	Bottled and canned soft drinks	39.8	38.6	40.8	39.3	-	3.5	2.9	4.0	3.3	-
209	Misc. foods and kindred products	37.1	36.9	37.6	37.2	-	3.3	3.2	3.7	3.3	-
21	TOBACCO MANUFACTURES	40.2	39.4	38.1	39.7	39.7	2.5	1.9	1.8	1.9	-
211	Cigarettes	40.9	40.2	38.2	39.3	-	3.2	2.5	1.7	1.9	-
22	TEXTILE MILL PRODUCTS	38.9	39.4	39.3	38.2	38.3	2.7	2.8	2.2	2.4	-
221	Weaving mills, cotton	40.1	40.5	38.1	38.3	-	3.2	3.1	2.1	2.5	-
222	Weaving mills, synthetics	40.4	41.4	38.3	37.8	-	3.1	3.8	1.9	2.0	-
223	Weaving and finishing mills, wool	40.6	40.4	39.1	36.9	-	3.3	4.0	2.8	2.8	-
224	Narrow fabric mills	39.5	38.8	38.5	38.7	-	2.1	2.4	1.8	1.5	-
225	Knitting mills	36.8	37.6	37.8	37.6	-	1.9	2.1	2.1	2.2	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Sept. 1981	Oct. 1981	Aug. 1982	Sept. 1982P	Oct. 1982P	Sept. 1981	Oct. 1981	Aug. 1982	Sept. 1982P	Oct. 1982P
	TEXTILE MILL PRODUCTS—Continued										
2251	Women's hosiery, except socks	$183.82	$185.87	$200.03	$204.22	-	$5.05	$5.01	$5.25	$5.36	-
2252	Hosiery, nec	179.34	186.24	191.95	191.42	-	4.90	4.94	5.16	5.23	-
2253	Knit outerwear mills	187.61	195.43	197.17	195.65	-	5.14	5.17	5.23	5.23	-
2254	Knit underwear mills	178.21	181.22	182.69	182.69	-	5.02	5.02	5.19	5.19	-
2257	Circular knit fabric mills	230.83	230.68	239.99	249.07	-	5.98	5.93	6.03	6.06	-
226	Textile finishing, except wool	238.37	245.01	239.47	246.02	-	6.05	6.11	6.22	6.26	-
2261	Finishing plants, cotton	244.99	246.23	239.32	249.02	-	6.14	6.11	6.20	6.21	-
2262	Finishing plants, synthetics	241.64	257.35	247.00	245.52	-	6.26	6.37	6.50	6.60	-
227	Floor covering mills	222.34	227.33	235.56	228.09	-	5.79	5.92	6.04	6.05	-
228	Yarn and thread mills	208.21	208.50	211.03	211.03	-	5.38	5.36	5.51	5.51	-
2281	Yarn mills, except wool	207.13	209.28	209.66	212.39	-	5.38	5.38	5.46	5.46	-
2282	Throwing and winding mills	205.72	200.34	202.66	205.04	-	5.26	5.15	5.39	5.41	-
229	Miscellaneous textile goods	254.16	257.26	262.10	257.71	-	6.26	6.29	6.52	6.61	-
23	APPAREL AND OTHER TEXTILE PRODUCTS	177.41	180.79	183.37	182.52	$183.34	5.04	5.05	5.18	5.20	$5.20
231	Men's and boys' suits and coats	208.15	212.58	204.28	207.90	-	5.75	5.84	5.87	5.94	-
232	Men's and boys' furnishings	164.88	168.17	172.31	171.12	-	4.58	4.62	4.76	4.78	-
2321	Men's and boys' shirts and nightwear	158.55	163.99	165.50	162.75	-	4.53	4.53	4.61	4.65	-
2327	Men's and boys' separate trousers	170.09	171.34	173.02	170.85	-	4.65	4.72	4.86	4.84	-
2328	Men's and boys' work clothing	162.87	169.13	174.80	174.22	-	4.45	4.51	4.75	4.76	-
233	Women's and misses' outerwear	165.79	169.68	171.86	169.76	-	5.07	5.02	5.13	5.16	-
2331	Women's and misses' blouses and waists	159.13	160.95	163.48	162.58	-	4.75	4.72	4.78	4.74	-
2335	Women's and misses' dresses	163.39	169.11	170.17	167.16	-	5.22	5.14	5.22	5.29	-
2337	Women's and misses' suits and coats	184.90	181.91	190.14	185.15	-	5.62	5.58	5.71	5.75	-
2339	Women's and misses' outerwear, nec	162.92	169.53	169.29	169.16	-	4.82	4.83	4.95	4.99	-
234	Women's and children's undergarments	167.17	167.99	166.72	163.22	-	4.58	4.59	4.67	4.74	-
2341	Women's and children's underwear	165.97	165.88	165.60	167.76	-	4.51	4.52	4.60	4.66	-
2342	Brassieres and allied garments	172.83	177.38	173.91	177.32	-	4.91	4.90	5.10	5.20	-
236	Children's outerwear	164.61	167.40	165.46	164.74	-	4.65	4.65	4.70	4.68	-
2361	Children's dresses and blouses	161.81	166.06	163.78	159.85	-	4.61	4.60	4.72	4.62	-
238	Misc. apparel and accessories	180.68	187.13	186.88	185.50	-	4.95	4.99	5.22	5.24	-
239	Misc. fabricated textile products	223.06	225.97	233.78	233.31	-	5.87	5.90	6.12	6.06	-
2391	Curtains and draperies	168.73	160.38	170.25	176.02	-	4.47	4.48	4.69	4.62	-
2392	House furnishing, nec	193.08	197.39	198.91	205.41	-	4.95	5.01	5.18	5.24	-
2396	Automotive and apparel trimmings	393.12	403.22	436.65	405.73	-	10.08	10.26	10.65	10.43	-
26	PAPER AND ALLIED PRODUCTS	386.64	373.97	393.12	401.57	395.37	8.95	8.82	9.45	9.63	9.55
261 2 6	Paper and pulp mills	495.36	462.65	482.85	506.41	-	10.63	10.42	11.10	11.38	-
262	Paper mills, except building paper	503.13	465.30	486.86	513.02	-	10.57	10.34	11.04	11.35	-
263	Paperboard mills	493.82	459.39	475.45	472.64	-	10.74	10.37	11.24	11.67	-
264	Misc. converted paper products	317.34	319.20	336.13	338.58	-	7.74	7.78	8.32	8.36	-
2641	Paper coating and glazing	375.78	376.58	391.52	389.05	-	8.78	8.84	9.48	9.42	-
2642	Envelopes	281.93	290.97	305.12	306.40	-	7.03	7.22	7.59	7.66	-
2643	Bags, except textile bags	295.14	300.94	317.05	323.38	-	7.36	7.34	7.79	7.83	-
265	Paperboard containers and boxes	316.00	317.54	336.63	340.25	-	7.67	7.67	8.25	8.36	-
2651	Folding paperboard boxes	319.33	320.80	344.42	341.38	-	7.75	7.73	8.38	8.45	-
2653	Corrugated and solid fiber boxes	336.04	338.10	356.98	366.59	-	8.08	8.05	8.65	8.77	-
2654	Sanitary food containers	295.53	295.92	319.84	313.63	-	7.07	7.20	7.82	7.90	-
27	PRINTING AND PUBLISHING	313.04	312.48	326.11	329.82	327.82	8.37	8.40	8.79	8.89	8.86
271	Newspapers	291.88	286.24	294.82	301.06	-	8.61	8.57	8.88	8.96	-
272	Periodicals	284.53	292.06	343.90	336.50	-	7.69	7.83	9.05	9.07	-
273	Books	295.22	296.29	311.42	318.82	-	7.81	7.88	8.11	8.39	-
2731	Book publishing	283.02	276.35	299.75	302.68	-	7.67	7.53	7.93	8.05	-
2732	Book printing	308.46	317.24	324.53	336.77	-	7.95	8.24	8.30	8.77	-
274	Miscellaneous publishing	273.78	277.97	305.18	299.11	-	7.46	7.70	8.16	8.15	-
275	Commercial printing	336.30	336.59	350.35	354.73	-	8.69	8.72	9.10	9.19	-
2751	Commercial printing, letterpress	312.48	314.11	331.39	336.98	-	8.18	8.18	8.63	8.73	-
2752	Commercial printing, lithographic	347.88	347.53	355.42	361.33	-	8.92	8.98	9.28	9.36	-
276	Manifold business forms	331.17	336.06	344.96	341.88	-	8.30	8.31	8.80	8.88	-
278	Blankbooks and bookbinding	245.12	244.22	257.72	261.89	-	6.40	6.41	6.80	6.82	-
279	Printing trade services	393.34	392.70	408.61	408.74	-	10.27	10.28	10.73	10.70	-
28	CHEMICALS AND ALLIED PRODUCTS	395.84	388.86	406.22	423.65	418.61	9.38	9.37	10.03	10.21	10.26
281	Industrial inorganic chemicals	447.32	431.55	446.62	456.92	-	10.55	10.50	11.11	11.31	-
2819	Industrial inorganic chemicals, nec	449.01	432.72	450.67	455.11	-	10.64	10.58	11.30	11.46	-
282	Plastics materials and synthetics	416.08	381.47	401.17	424.76	-	9.25	9.17	9.93	10.26	-
2821	Plastics materials and resins	439.75	426.70	440.18	465.47	-	10.04	10.04	10.71	11.03	-
2824	Organic fibers, noncellulosic	387.63	357.79	374.30	402.94	-	8.77	8.58	9.50	9.78	-
283	Drugs	350.39	351.68	374.74	382.65	-	8.54	8.52	9.14	9.27	-
2834	Pharmaceutical preparations	331.68	332.19	356.49	365.81	-	8.21	8.20	8.89	9.01	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Sept. 1981	Oct. 1981	Aug. 1982	Sept. 1982P	Oct. 1982P	Sept. 1981	Oct. 1981	Aug. 1982	Sept. 1982P	Oct. 1982P
	TEXTILE MILL PRODUCTS—Continued										
2251	Women's hosiery, except socks	36.4	37.1	38.1	38.1	-	2.0	2.2	1.8	2.4	-
2252	Hosiery, nec	36.6	37.7	37.2	36.6	-	1.8	2.0	1.7	1.8	-
2253	Knit outerwear mills	36.5	37.8	37.7	37.6	-	1.9	2.4	2.2	2.4	-
2254	Knit underwear mills	35.5	36.1	35.2	35.2	-	1.6	1.2	1.0	1.2	-
2257	Circular knit fabric mills	38.6	38.9	39.8	41.1	-	1.6	2.4	3.4	3.6	-
226	Textile finishing, except wool	39.4	40.1	38.5	39.3	-	3.2	3.2	2.3	2.5	-
2261	Finishing plants, cotton	39.9	40.3	38.6	40.1	-	3.3	3.0	2.0	2.2	-
2262	Finishing plants, synthetics	38.6	40.4	38.0	37.2	-	3.0	3.5	2.7	2.7	-
227	Floor covering mills	38.4	38.4	39.0	37.7	-	2.9	2.3	2.4	2.0	-
228	Yarn and thread mills	38.7	38.9	38.3	38.3	-	2.9	2.5	2.5	2.7	-
2281	Yarn mills, except wool	38.5	38.9	38.4	38.9	-	2.8	2.5	2.5	2.9	-
2282	Throwing and winding mills	39.3	38.9	37.6	37.9	-	3.5	3.0	2.4	2.3	-
229	Miscellaneous textile goods	40.6	40.9	40.2	40.5	-	3.3	3.5	2.7	2.8	-
23	**APPAREL AND OTHER TEXTILE PRODUCTS**	35.2	35.8	35.4	35.1	35.2	1.1	1.2	1.0	1.0	-
231	Men's and boys' suits and coats	36.2	36.4	34.8	35.3	-	.8	.8	.8	.7	-
232	Men's and boys' furnishings	36.0	36.4	36.2	35.8	-	.8	.9	.9	1.0	-
2321	Men's and boys' shirts and nightwear	35.0	36.2	35.9	35.0	-	.7	.9	1.1	1.0	-
2327	Men's and boys' separate trousers	36.5	36.3	35.6	35.3	-	.9	.9	.9	.9	-
2328	Men's and boys' work clothing	36.6	37.5	36.8	36.6	-	.9	1.0	1.0	1.0	-
233	Women's and misses' outerwear	32.7	33.8	33.5	32.9	-	.9	1.0	1.0	.9	-
2331	Women's and misses' blouses and waists	33.5	34.1	34.2	34.3	-	.8	.9	1.1	1.0	-
2335	Women's and misses' dresses	31.3	32.9	32.6	31.6	-	.8	1.0	.9	.8	-
2337	Women's and misses' suits and coats	32.9	32.6	33.3	32.2	-	.9	.8	.8	.9	-
2339	Women's and misses' outerwear, nec	33.8	35.1	34.2	33.9	-	.9	1.1	1.0	.8	-
234	Women's and children's undergarments	36.5	36.6	35.7	35.7	-	1.6	1.6	.8	1.0	-
2341	Women's and children's underwear	36.8	36.7	36.0	36.9	-	1.6	1.7	.8	1.1	-
2342	Brassieres and allied garments	35.2	36.2	34.1	34.1	-	1.5	1.3	.6	.6	-
236	Children's outerwear	35.4	36.3	35.2	35.2	-	1.2	1.4	1.2	.9	-
2361	Children's dresses and blouses	35.1	36.1	34.7	34.6	-	1.2	1.5	1.2	.8	-
238	Misc. apparel and accessories	36.5	37.5	35.8	35.4	-	1.4	1.8	1.2	1.1	-
239	Misc. fabricated textile products	38.0	38.3	38.2	38.5	-	1.8	2.0	1.7	1.8	-
2391	Curtains and draperies	37.3	35.8	36.3	38.1	-	1.3	.8	1.1	1.6	-
2392	House furnishings, nec	38.4	39.4	38.4	39.2	-	2.0	2.6	1.6	2.3	-
2396	Automotive and apparel trimmings	39.0	39.3	41.0	38.9	-	2.2	2.0	3.6	2.1	-
26	**PAPER AND ALLIED PRODUCTS**	43.2	42.4	41.6	41.7	41.4	5.6	4.9	4.0	4.6	-
261, 2, 6	Paper and pulp mills	46.6	44.4	43.5	44.3	-	8.9	6.0	5.6	7.0	-
262	Paper mills, except building paper	47.6	45.0	44.1	45.2	-	9.3	6.3	5.8	7.3	-
263	Paperboard mills	45.7	44.3	42.3	40.5	-	9.6	7.1	6.1	7.2	-
264	Misc. converted paper products	41.0	40.9	40.4	40.5	-	3.0	2.9	2.6	2.7	-
2641	Paper coating and glazing	42.8	42.8	41.3	41.3	-	3.3	3.0	2.3	2.6	-
2642	Envelopes	40.1	40.3	40.2	40.0	-	2.1	2.7	2.3	2.2	-
2643	Bags, except textile bags	40.1	41.0	40.7	41.3	-	3.2	3.3	2.9	3.2	-
265	Paperboard containers and boxes	41.2	41.4	40.8	40.7	-	3.7	3.4	3.2	3.4	-
2651	Folding paperboard boxes	41.2	41.5	41.1	40.4	-	3.6	3.5	3.1	3.1	-
2653	Corrugated and solid fiber boxes	41.7	42.0	41.5	41.8	-	4.3	3.9	3.9	4.3	-
2654	Sanitary food containers	41.8	41.1	40.9	39.7	-	3.1	2.5	2.8	2.5	-
27	**PRINTING AND PUBLISHING**	37.4	37.2	37.1	37.1	37.0	2.7	2.6	2.3	2.5	-
271	Newspapers	33.9	33.4	33.2	33.6	-	1.9	1.8	1.4	1.6	-
272	Periodicals	37.0	37.3	38.0	37.1	-	2.8	2.7	2.7	2.5	-
273	Books	37.8	37.6	38.4	38.0	-	2.3	2.2	2.4	2.1	-
2731	Book publishing	36.9	36.7	37.8	37.6	-	1.2	.8	1.4	1.1	-
2732	Book printing	38.8	38.5	39.1	38.4	-	3.4	3.7	3.5	3.2	-
274	Miscellaneous publishing	36.7	36.1	37.4	36.7	-	2.1	1.7	1.7	1.4	-
275	Commercial printing	38.7	38.6	38.5	38.6	-	3.3	3.2	2.8	3.1	-
2751	Commercial printing, letterpress	38.2	38.4	38.4	38.6	-	2.7	2.6	2.4	2.9	-
2752	Commercial printing, lithographic	39.0	38.7	38.3	38.5	-	3.7	3.5	2.9	3.0	-
276	Manifold business forms	39.9	40.2	39.2	38.5	-	3.4	3.3	2.2	2.1	-
278	Blankbooks and bookbinding	38.3	38.1	37.9	38.4	-	1.8	1.7	1.4	1.7	-
279	Printing trade service	38.3	38.2	38.1	38.2	-	3.6	3.6	3.8	3.8	-
28	**CHEMICALS AND ALLIED PRODUCTS**	42.2	41.5	40.7	41.2	40.8	3.7	3.3	2.7	3.1	-
281	Industrial inorganic chemicals	42.4	41.1	40.2	40.6	-	4.1	3.4	2.9	3.6	-
2819	Industrial inorganic chemicals, nec	42.2	40.9	39.9	39.8	-	4.1	3.3	2.9	3.8	-
282	Plastics materials and synthetics	43.9	41.6	40.4	41.4	-	4.1	3.3	2.3	2.9	-
2821	Plastics materials and resins	43.8	42.5	41.1	42.2	-	5.2	4.3	3.3	4.1	-
2824	Organic fibers, noncellulosic	44.2	41.7	39.4	41.2	-	3.7	2.8	1.5	1.8	-
283	Drugs	41.1	41.3	41.0	41.3	-	3.2	2.8	2.7	3.0	-
2834	Pharmaceutical preparations	40.4	40.5	40.1	40.5	-	3.1	2.8	2.6	3.0	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Sept. 1981	Oct. 1981	Aug. 1982	Sept. 1982P	Oct. 1982P	Sept. 1981	Oct. 1981	Aug. 1982	Sept. 1982P	Oct. 1982P
	CHEMICALS AND ALLIED PRODUCTS—Cont'd										
284	Soap, cleaners, and toilet goods	$342.50	$346.63	$377.39	$376.18	-	$8.52	$8.58	$9.16	$9.22	-
2841	Soap and other detergents	463.11	469.69	512.35	510.19	-	11.09	11.13	11.86	11.81	-
2844	Toilet preparations	254.49	261.80	292.40	289.34	-	6.61	6.73	7.31	7.40	-
2842, 3	Polishing, sanitation, and finishing preparations	344.76	345.17	360.33	364.83	-	8.45	8.46	8.81	8.92	-
285	Paints and allied products	326.40	326.82	351.83	354.42	-	8.16	8.15	8.84	8.95	-
286	Industrial organic chemicals	481.14	480.82	493.16	515.43	-	11.01	11.13	11.97	12.18	-
2865	Cyclic crudes and intermediates	447.20	453.88	462.64	478.17	-	10.40	10.58	11.48	11.55	-
2861, 9	Gum, wood, and industrial organic chemicals, nec	493.68	490.16	503.40	529.05	-	11.22	11.32	12.13	12.39	-
287	Agricultural chemicals	335.54	391.00	411.42	418.42	-	9.22	9.20	9.89	10.01	-
289	Miscellaneous chemical products	357.25	358.39	368.68	380.55	-	8.65	8.72	9.24	9.35	-
29	PETROLEUM AND COAL PRODUCTS	512.82	498.36	586.48	565.38	$557.22	11.55	11.47	12.42	12.62	$12.55
291	Petroleum refining	551.82	529.05	585.63	605.70	-	12.29	12.19	13.34	13.49	-
295	Paving and roofing materials	388.67	389.10	405.79	447.40	-	9.06	9.07	9.67	9.79	-
30	RUBBER AND MISC. PLASTICS PRODUCTS	289.41	293.46	303.31	307.30	304.96	7.29	7.30	7.64	7.76	7.74
301	Tires and inner tubes	468.62	476.31	465.20	479.81	-	11.36	11.47	11.63	11.76	-
302	Rubber and plastics footwear	168.70	182.09	185.20	188.78	-	4.82	4.83	5.06	5.13	-
303, 4	Reclaimed rubber, and rubber and plastics hose and belting	322.00	326.82	328.45	324.00	-	8.05	8.03	8.07	8.10	-
306	Fabricated rubber products, nec	271.26	276.58	290.21	289.34	-	6.85	6.88	7.31	7.40	-
307	Miscellaneous plastics products	268.67	264.80	279.09	291.24	-	6.65	6.62	7.03	7.12	-
31	LEATHER AND LEATHER PRODUCTS	183.24	186.80	192.95	191.70	188.81	5.09	5.09	5.33	5.40	5.41
311	Leather tanning and finishing	259.20	262.19	282.82	276.71	-	6.75	6.74	7.16	7.15	-
314	Footwear, except rubber	173.73	177.25	184.17	183.74	-	4.88	4.91	5.13	5.22	-
3143	Men's footwear, except athletic	187.98	191.21	193.50	194.39	-	5.15	5.14	5.36	5.43	-
3144	Women's footwear, except athletic	164.36	166.47	179.72	177.50	-	4.71	4.77	5.02	5.13	-
316	Luggage	199.29	206.22	209.51	201.83	-	5.49	5.47	5.74	5.75	-
317	Handbags and personal leather goods	171.72	180.38	178.00	174.74	-	4.81	4.81	4.89	4.95	-
	TRANSPORTATION AND PUBLIC UTILITIES	393.04	388.65	409.90	405.12	406.62	9.95	9.94	10.43	10.44	10.48
	RAILROAD TRANSPORTATION										
4011	Class I railroads[2]	462.21	453.05	489.72	-	-	10.65	10.61	11.55	-	-
41	LOCAL AND INTERURBAN PASSENGER TRANSIT	225.77	229.83	276.02	236.00	-	6.78	6.74	7.46	7.13	-
411	Local and suburban transportation	292.59	295.94	308.83	308.10	-	7.37	7.38	7.74	7.80	-
413	Intercity highway transportation	400.00	386.60	450.07	417.24	-	10.84	10.65	11.97	11.59	-
42	TRUCKING AND WAREHOUSING	389.09	389.32	398.61	398.48	-	10.08	10.06	10.30	10.35	-
421, 3	Trucking and trucking terminals	397.58	399.64	408.18	407.33	-	10.30	10.30	10.52	10.58	-
422	Public warehousing	267.40	260.06	280.28	290.33	-	7.00	6.88	7.28	7.35	-
46	PIPE LINES, EXCEPT NATURAL GAS	502.14	498.74	535.92	560.74	-	11.57	11.68	12.76	12.98	-
48	COMMUNICATION	405.02	397.79	410.55	414.75	-	10.05	10.02	10.42	10.50	-
481	Telephone communication	426.13	418.40	436.61	440.90	-	10.47	10.46	10.97	11.05	-
4817	Switchboard operating employees[3]	308.38	289.85	316.54	316.51	-	8.59	8.55	9.31	9.42	-
4818	Line construction employees[4]	542.01	524.29	543.57	548.27	-	12.18	11.97	12.73	12.84	-
483	Radio and television broadcasting	324.61	316.30	322.98	331.09	-	8.52	8.39	8.59	8.69	-
49	ELECTRIC, GAS, AND SANITARY SERVICES	417.13	422.69	444.03	450.17	-	10.10	10.21	10.83	10.90	-
491	Electric services	424.32	429.93	453.33	459.68	-	10.20	10.31	10.95	11.05	-
492	Gas production and distribution	377.58	387.32	393.78	402.35	-	9.30	9.47	9.82	9.91	-
493	Combination utility services	479.72	477.25	510.88	512.12	-	11.37	11.50	12.40	12.43	-
496	Sanitary services	341.40	329.99	354.77	361.92	-	8.09	7.99	8.59	8.70	-
	WHOLESALE AND RETAIL TRADE	194.49	192.32	202.77	200.95	201.27	6.04	6.01	6.22	6.26	6.27
50, 51	WHOLESALE TRADE	296.45	298.38	313.05	312.96	314.16	7.70	7.73	8.11	8.15	8.16
50	WHOLESALE TRADE-DURABLE GOODS	297.22	301.86	313.56	313.12	-	7.68	7.74	8.04	8.07	-
501	Motor vehicles and automotive equipment	268.66	269.47	278.74	279.21	-	7.07	7.11	7.24	7.29	-
502	Furniture and home furnishings	264.46	267.38	279.74	278.63	-	7.09	7.13	7.44	7.47	-
503	Lumber and construction materials	306.54	314.82	310.83	313.56	-	7.82	7.97	7.97	8.04	-
504	Sporting goods, toys, and hobby goods	302.73	307.31	331.66	321.49	-	8.03	8.13	8.57	8.59	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Sept. 1981	Oct. 1981	Aug. 1982	Sept. 1982P	Oct. 1982P	Sept. 1981	Oct. 1981	Aug. 1982	Sept. 1982P	Oct. 1982P
	CHEMICALS AND ALLIED PRODUCTS—Cont'd										
284	Soap, cleaners, and toilet goods	40.2	40.4	41.2	40.9	-	3.0	2.9	3.2	3.1	-
2841	Soap and other detergents	42.3	42.2	43.2	43.2	-	4.1	3.9	4.7	4.7	-
2844	Toilet preparations	38.5	38.9	40.0	39.1	-	2.3	2.4	2.3	2.1	-
2842, 3	Polishing, sanitation, and finishing preparations	40.8	40.8	40.9	40.9	-	3.0	2.6	2.8	2.9	-
285	Paints and allied products	40.0	40.1	39.8	39.6	-	2.6	2.2	2.3	2.1	-
286	Industrial organic chemicals	43.7	43.2	41.2	42.4	-	4.2	4.2	2.7	3.3	-
2865	Cyclic crudes and intermediates	43.0	42.9	40.3	41.4	-	4.1	3.9	2.5	3.0	-
2861, 9	Gum, wood, and industrial organic chemicals, nec	44.0	43.3	41.5	42.7	-	4.3	4.3	2.8	3.4	-
287	Agricultural chemicals	42.9	42.5	41.6	41.8	-	4.4	4.1	3.2	3.6	-
289	Miscellaneous chemical products	41.3	41.1	39.9	40.7	-	3.3	3.1	2.3	2.8	-
29	PETROLEUM AND COAL PRODUCTS	44.4	43.1	44.0	44.8	44.4	4.1	4.0	4.3	4.4	-
291	Petroleum refining	44.9	43.4	43.9	44.9	-	3.9	3.8	3.5	3.7	-
295	Paving and roofing materials	42.9	42.9	46.1	45.7	-	5.6	5.9	8.1	8.2	-
30	RUBBER AND MISC. PLASTICS PRODUCTS	39.7	40.2	39.7	39.6	39.4	3.1	3.0	2.8	2.8	-
301	Tires and inner tubes	40.9	41.5	40.0	40.8	-	3.0	3.4	3.0	2.9	-
302	Rubber and plastics footwear	35.0	37.7	36.6	36.8	-	1.4	1.8	1.0	.9	-
303, 4	Reclaimed rubber, and rubber and plastics hose and belting	40.0	40.7	40.7	40.3	-	2.8	2.9	2.4	2.5	-
306	Fabricated rubber products, nec	39.6	40.2	39.7	39.1	-	2.7	2.6	2.3	2.3	-
307	Miscellaneous plastics products	39.8	40.0	39.7	39.5	-	3.3	3.1	3.0	2.9	-
31	LEATHER AND LEATHER PRODUCTS	36.0	36.7	36.2	35.5	34.9	1.3	1.3	1.2	1.2	-
311	Leather tanning and finishing	38.4	38.9	39.5	39.7	-	2.3	2.3	2.5	1.9	-
314	Footwear, except rubber	35.6	36.1	35.9	35.2	-	.9	1.0	1.2	1.2	-
3143	Men's footwear, except athletic	36.5	37.2	36.1	35.8	-	.9	1.1	.7	.7	-
3144	Women's footwear, except athletic	34.9	34.9	35.8	34.6	-	1.0	.8	1.6	1.6	-
316	Luggage	36.3	37.7	36.5	35.1	-	1.2	1.2	1.5	1.3	-
317	Handbags and personal leather goods	35.7	37.5	36.4	35.3	-	1.8	2.2	.9	1.0	-
-	TRANSPORTATION AND PUBLIC UTILITIES	39.2	39.1	39.3	38.9	38.8	-	-	-	-	-
	RAILROAD TRANSPORTATION										
4011	Class I railroads[2]	43.4	42.7	42.4		-	-	-	-	-	-
41	LOCAL AND INTERURBAN PASSENGER TRANSIT	33.3	34.1	37.0	33.1	-	-	-	-	-	-
411	Local and suburban transportation	39.7	40.1	39.9	39.5	-	-	-	-	-	-
413	Intercity highway transportation	36.9	36.3	37.6	36.0	-	-	-	-	-	-
42	TRUCKING AND WAREHOUSING	38.6	38.7	38.7	38.5	-	-	-	-	-	-
421, 3	Trucking and trucking terminals	38.6	38.8	38.8	38.5	-	-	-	-	-	-
422	Public warehousing	38.2	37.8	38.5	39.5	-	-	-	-	-	-
46	PIPE LINES, EXCEPT NATURAL GAS	43.4	42.7	42.0	43.2	-	-	-	-	-	-
48	COMMUNICATION	40.3	39.7	39.4	39.5	-	-	-	-	-	-
481	Telephone communication	40.7	40.0	39.8	39.9	-	-	-	-	-	-
4817	Switchboard operating employees[3]	35.9	33.9	34.0	33.6	-	-	-	-	-	-
4818	Line construction employees[4]	44.5	43.8	42.7	42.7	-	-	-	-	-	-
483	Radio and television broadcasting	38.1	37.7	37.6	38.1	-	-	-	-	-	-
49	ELECTRIC, GAS, AND SANITARY SERVICES	41.3	41.4	41.0	41.3	-	-	-	-	-	-
491	Electric services	41.6	41.7	41.4	41.6	-	-	-	-	-	-
492	Gas production and distribution	40.6	40.9	40.1	40.6	-	-	-	-	-	-
493	Combination utility services	41.4	41.5	41.2	41.2	-	-	-	-	-	-
495	Sanitary services	42.2	41.3	41.3	41.6	-	-	-	-	-	-
-	WHOLESALE AND RETAIL TRADE	32.2	32.0	32.6	32.1	32.1	-	-	-	-	-
50, 51	WHOLESALE TRADE	38.5	38.6	38.6	38.4	38.5	-	-	-	-	-
50	WHOLESALE TRADE-DURABLE GOODS	38.7	39.0	39.0	38.8	-	-	-	-	-	-
501	Motor vehicles and automotive equipment	38.0	37.9	38.5	38.3	-	-	-	-	-	-
502	Furniture and home furnishings	37.3	37.5	37.6	37.3	-	-	-	-	-	-
503	Lumber and construction materials	39.2	39.5	39.0	39.3	-	-	-	-	-	-
504	Sporting goods, toys, and hobby goods	37.7	37.8	38.7	37.6	-	-	-	-	-	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Sept. 1981	Oct. 1981	Aug. 1982	Sept. 1982P	Oct. 1982P	Sept. 1981	Oct. 1981	Aug. 1982	Sept. 1982P	Oct. 1982P
	WHOLESALE TRADE-DURABLE GOODS—Continued										
505	Metals and minerals, except petroleum	$348.39	$351.35	$357.11	$351.27	-	$8.91	$8.85	$9.11	$9.03	-
506	Electrical goods	315.79	324.18	342.94	341.64	-	8.16	8.27	8.66	8.76	-
507	Hardware, plumbing, and heating equipment	277.59	278.25	291.75	291.41	-	7.21	7.19	7.50	7.53	-
508	Machinery, equipment, and supplies	308.11	312.44	325.40	325.75	-	7.88	7.93	8.28	8.31	-
509	Miscellaneous durable goods	242.06	246.38	249.95	250.79	-	6.32	6.35	6.63	6.67	-
51	**WHOLESALE TRADE-NONDURABLE GOODS**	293.75	294.90	312.36	312.69	-	7.71	7.72	8.22	8.25	-
511	Paper and paper products	314.64	319.68	331.50	327.82	-	8.55	8.64	8.84	8.86	-
512	Drugs, proprietaries, and sundries	307.56	306.27	335.02	337.54	-	8.29	8.30	8.91	8.79	-
513	Apparel, piece goods, and notions	253.43	256.13	281.15	279.55	-	6.75	6.83	7.64	7.68	-
514	Groceries and related products	296.83	297.61	316.80	315.47	-	7.73	7.71	8.25	8.28	-
516	Chemicals and allied products	353.99	352.42	370.75	371.84	-	9.10	9.13	9.58	9.66	-
517	Petroleum and petroleum products	373.12	364.59	383.72	397.76	-	9.23	9.23	9.69	9.87	-
518	Beer, wine, and distilled beverages	332.63	335.62	355.62	350.30	-	8.99	9.12	9.69	9.65	-
519	Miscellaneous nondurable goods	241.09	244.22	254.79	253.26	-	6.31	6.36	6.67	6.70	-
52-59	**RETAIL TRADE**	162.17	157.64	168.24	166.73	$156.15	5.37	5.29	5.48	5.52	$5.52
52	**BUILDING MATERIALS AND GARDEN SUPPLIES**	214.97	213.23	221.19	220.57	-	5.81	5.81	6.06	6.11	-
521	Lumber and other building materials	234.33	233.47	237.25	236.53	-	6.07	6.08	6.26	6.27	-
525	Hardware stores	174.24	173.23	182.69	181.03	-	5.08	5.11	5.28	5.34	-
53	**GENERAL MERCHANDISE STORES**	161.80	160.28	161.22	160.23	-	5.34	5.20	5.41	5.45	-
531	Department stores	167.81	165.19	167.21	166.13	-	5.52	5.37	5.63	5.67	-
533	Variety stores	126.04	122.55	126.30	125.33	-	4.40	4.27	4.21	4.22	-
539	Misc. general merchandise stores	130.16	124.12	134.72	130.52	-	4.31	4.28	4.36	4.36	-
54	**FOOD STORES**	225.14	219.45	229.01	227.19	-	7.17	6.90	7.27	7.40	-
541	Grocery stores	235.53	219.20	238.58	237.31	-	7.43	7.14	7.55	7.68	-
546	Retail bakeries	141.98	140.96	148.89	145.58	-	4.93	4.88	5.03	5.02	-
55	**AUTOMOTIVE DEALERS AND SERVICE STATIONS**	229.92	227.77	237.51	233.62	-	6.14	6.09	6.30	6.28	-
551, 2	New and used car dealers	269.42	267.78	280.42	275.59	-	7.09	7.01	7.36	7.31	-
553	Auto and home supply stores	227.77	228.30	246.22	236.16	-	5.68	5.70	6.02	5.86	-
554	Gasoline service stations	171.42	172.34	179.72	177.61	-	4.87	4.86	5.02	5.06	-
56	**APPAREL AND ACCESSORY STORES**	136.80	134.05	139.78	137.48	-	4.75	4.72	4.82	4.91	-
561	Men's and boys' clothing and furnishings	167.77	165.36	173.54	158.85	-	5.36	5.30	5.44	5.50	-
562	Women's ready-to-wear stores	122.16	119.41	125.38	123.47	-	4.41	4.39	4.51	4.59	-
565	Family clothing stores	130.75	129.46	141.90	137.97	-	4.62	4.64	4.81	4.91	-
566	Shoe stores	147.39	141.22	144.54	142.52	-	5.10	4.99	4.95	5.09	-
57	**FURNITURE AND HOME FURNISHINGS STORES**	209.50	208.98	216.94	215.06	-	6.02	6.04	6.27	6.27	-
571	Furniture and home furnishings stores	213.63	207.95	215.46	215.17	-	6.07	6.01	6.30	6.31	-
572	Household appliance stores	221.79	217.27	232.17	232.32	-	6.23	6.19	6.54	6.63	-
573	Radio, television, and music stores	200.33	208.12	213.31	205.71	-	5.79	6.05	6.06	5.98	-
58	**EATING AND DRINKING PLACES**[7]	103.88	103.48	111.79	110.43	-	3.98	3.98	4.08	4.09	-
59	**MISCELLANEOUS RETAIL**	161.41	161.93	170.86	169.02	-	5.19	5.19	5.39	5.42	-
591	Drug stores and proprietary stores	143.66	141.98	151.85	149.21	-	4.92	4.93	5.13	5.11	-
594	Miscellaneous shopping goods stores	146.17	147.26	155.43	149.30	-	4.84	4.86	4.95	5.01	-
596	Nonstore retailers	195.47	189.95	208.46	205.55	-	5.87	5.67	6.26	6.21	-
598	Fuel and ice dealers	259.62	274.56	267.29	269.16	-	6.85	7.04	7.09	7.17	-
599	Retail stores, nec	168.61	170.30	185.35	180.50	-	5.22	5.24	5.50	5.52	-
	FINANCE, INSURANCE, AND REAL ESTATE[8]	233.04	232.77	249.38	249.43	250.17	6.39	6.43	6.87	6.90	6.93
60	**BANKING**	197.29	200.39	217.86	215.12	-	5.45	5.49	5.92	5.91	-
602	Commercial and stock savings banks	194.39	197.47	211.60	209.51	-	5.37	5.41	5.75	5.74	-
61	**CREDIT AGENCIES OTHER THAN BANKS**	206.79	209.19	224.85	220.58	-	5.65	5.70	6.11	6.06	-
612	Savings and loan associations	190.44	192.77	204.33	199.87	-	5.29	5.34	5.66	5.53	-
614	Personal credit institutions	207.75	210.73	228.28	225.70	-	5.63	5.68	6.12	6.10	-
63	**INSURANCE CARRIERS**	266.38	269.31	287.61	286.81	-	7.19	7.22	7.69	7.71	-
631	Life insurance	283.09	284.24	290.57	289.01	-	7.61	7.60	7.79	7.79	-
632	Medical service and health insurance	249.38	253.46	273.02	271.92	-	6.58	6.67	7.30	7.29	-
633	Fire, marine, and casualty insurance	254.37	259.04	287.96	289.08	-	6.95	7.02	7.72	7.75	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Sept. 1981	Oct. 1981	Aug. 1982	Sept. 1982P	Oct. 1982P	Sept. 1981	Oct. 1981	Aug. 1982	Sept. 1982P	Oct. 1982P
	WHOLESALE TRADE-DURABLE GOODS—Continued										
505	Metals and minerals, except petroleum	39.1	39.7	39.2	38.9	-	-	-	-	-	-
506	Electrical goods	38.7	39.2	39.6	39.0	-	-	-	-	-	-
507	Hardware, plumbing, and heating equipment	38.5	38.7	38.9	38.7	-	-	-	-	-	-
508	Machinery, equipment, and supplies	39.1	39.4	39.3	39.2	-	-	-	-	-	-
509	Miscellaneous durable goods	38.3	38.8	37.7	37.6	-	-	-	-	-	-
51	**WHOLESALE TRADE-NONDURABLE GOODS**	38.1	38.2	38.0	37.9	-	-	-	-	-	-
511	Paper and paper products	36.8	37.0	37.5	37.0	-	-	-	-	-	-
512	Drugs, proprietaries, and sundries	37.1	36.9	37.6	38.4	-	-	-	-	-	-
513	Apparel, piece goods, and notions	37.1	37.5	36.8	36.4	-	-	-	-	-	-
514	Groceries and related products	38.4	38.6	38.4	38.1	-	-	-	-	-	-
518	Chemicals and allied products	38.9	38.6	38.7	38.7	-	-	-	-	-	-
517	Petroleum and petroleum products	40.1	39.5	39.6	40.3	-	-	-	-	-	-
518	Beer, wine, and distilled beverages	37.0	36.8	36.7	36.3	-	-	-	-	-	-
519	Miscellaneous nondurable goods	38.2	38.4	38.2	37.8	-	-	-	-	-	-
52-59	**RETAIL TRADE**	30.2	29.8	30.7	30.2	30.1	-	-	-	-	-
52	**BUILDING MATERIALS AND GARDEN SUPPLIES**	37.0	36.7	36.5	36.1	-	-	-	-	-	-
521	Lumber and other building materials	38.6	38.4	37.9	37.4	-	-	-	-	-	-
525	Hardware stores	34.3	33.9	34.6	33.9	-	-	-	-	-	-
53	**GENERAL MERCHANDISE STORES**	30.3	28.9	29.8	29.4	-	-	-	-	-	-
531	Department stores	30.4	28.9	29.7	29.3	-	-	-	-	-	-
533	Variety stores	29.1	28.7	30.0	29.7	-	-	-	-	-	-
539	Misc. general merchandise stores	30.2	29.0	30.9	29.8	-	-	-	-	-	-
54	**FOOD STORES**	31.4	30.5	31.5	30.7	-	-	-	-	-	-
541	Grocery stores	31.7	30.7	31.6	30.9	-	-	-	-	-	-
546	Retail bakeries	28.8	28.7	29.6	29.0	-	-	-	-	-	-
55	**AUTOMOTIVE DEALERS AND SERVICE STATIONS**	37.3	37.4	37.7	37.2	-	-	-	-	-	-
551, 2	New and used car dealers	38.0	38.2	38.1	37.7	-	-	-	-	-	-
553	Auto and home supply stores	40.1	40.0	40.9	40.3	-	-	-	-	-	-
554	Gasoline service stations	35.2	35.4	35.8	35.1	-	-	-	-	-	-
56	**APPAREL AND ACCESSORY STORES**	28.8	28.4	29.0	28.0	-	-	-	-	-	-
561	Men's and boys' clothing and furnishings	31.3	31.2	31.9	30.7	-	-	-	-	-	-
562	Women's ready-to-wear stores	27.7	27.2	27.8	26.9	-	-	-	-	-	-
565	Family clothing stores	28.3	27.9	29.5	28.1	-	-	-	-	-	-
566	Shoe stores	28.9	28.3	29.2	28.0	-	-	-	-	-	-
57	**FURNITURE AND HOME FURNISHINGS STORES**	34.8	34.6	34.6	34.3	-	-	-	-	-	-
571	Furniture and home furnishings stores	34.7	34.6	34.2	34.1	-	-	-	-	-	-
572	Household appliance stores	35.6	35.1	35.5	35.2	-	-	-	-	-	-
573	Radio, television, and music stores	34.6	34.4	35.2	34.4	-	-	-	-	-	-
58	**EATING AND DRINKING PLACES**	26.1	26.0	27.4	27.3	-	-	-	-	-	-
59	**MISCELLANEOUS RETAIL**	31.1	31.2	31.7	31.0	-	-	-	-	-	-
591	Drug stores and proprietary stores	29.2	28.8	29.6	29.2	-	-	-	-	-	-
594	Miscellaneous shopping goods stores	30.2	30.3	31.4	29.8	-	-	-	-	-	-
596	Nonstore retailers	33.3	33.5	33.3	33.1	-	-	-	-	-	-
598	Fuel and ice dealers	37.9	39.0	37.7	37.4	-	-	-	-	-	-
599	Retail stores, nec	32.3	32.5	33.7	32.7	-	-	-	-	-	-
-	**FINANCE, INSURANCE, AND REAL ESTATE**	36.0	36.2	36.3	36.0	36.1	-	-	-	-	-
60	**BANKING**	36.2	36.5	36.8	36.4	-	-	-	-	-	-
602	Commercial and stock savings banks	36.2	36.5	36.8	36.5	-	-	-	-	-	-
61	**CREDIT AGENCIES OTHER THAN BANKS**	35.6	36.7	36.8	36.4	-	-	-	-	-	-
612	Savings and loan associations	36.0	36.1	36.1	35.5	-	-	-	-	-	-
614	Personal credit institutions	36.9	37.1	37.3	37.3	-	-	-	-	-	-
63	**INSURANCE CARRIERS**	37.1	37.3	37.4	37.2	-	-	-	-	-	-
631	Life insurance	37.2	37.4	37.3	37.1	-	-	-	-	-	-
632	Medical service and health insurance	37.9	38.0	37.4	37.3	-	-	-	-	-	-
633	Fire, marine, and casualty insurance	36.6	36.9	37.3	37.3	-	-	-	-	-	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Sept. 1981	Oct. 1981	Aug. 1982	Sept. 1982p	Oct. 1982p	Sept. 1981	Oct. 1981	Aug. 1982	Sept. 1982p	Oct. 1982p
—	**SERVICES**	$211.25	$213.85	$227.70	$228.57	$229.19	$6.52	$6.58	$6.90	$6.99	$7.03
	HOTELS AND OTHER LODGING PLACES:										
701	Hotels, motels, and tourist courts[2]	148.96	152.21	156.92	154.03	-	4.90	4.91	4.95	5.05	-
	PERSONAL SERVICES:										
721	Laundry, cleaning, and garment services	165.66	165.43	172.16	172.64	-	4.96	4.88	5.17	5.20	-
723	Beauty shops[3]	139.70	140.70	154.62	155.58	-	4.67	4.69	5.35	5.31	-
73	**BUSINESS SERVICES**	213.16	215.49	232.98	230.43	-	6.62	6.61	7.06	7.09	-
731	Advertising	307.65	313.11	340.69	329.72	-	8.74	8.87	9.49	9.21	-
734	Services to buildings	147.40	148.23	154.37	153.44	-	5.50	5.49	5.76	5.79	-
737	Computer and data processing services	301.55	307.43	327.35	325.99	-	8.15	8.22	8.66	8.67	-
75	**AUTO REPAIR, SERVICES, AND GARAGES**	247.21	249.38	256.22	255.83	-	6.54	6.58	6.69	6.75	-
753	Automotive repair shops	273.15	276.75	280.41	284.31	-	7.04	7.06	7.19	7.29	-
76	**MISCELLANEOUS REPAIR SERVICES**	303.42	301.86	307.97	312.86	-	7.82	7.76	8.02	8.19	-
78	**MOTION PICTURES**	217.85	243.63	232.63	230.82	-	8.19	8.99	8.22	8.71	-
781	Motion picture production and services	440.63	482.79	484.60	482.63	-	11.75	12.54	12.82	12.87	-
79	**AMUSEMENT AND RECREATION SERVICES**	185.36	186.03	183.17	187.84	-	6.11	6.16	5.76	6.22	-
80	**HEALTH SERVICES**	211.90	212.88	232.69	235.43	-	6.48	6.53	7.03	7.07	-
801	Offices of physicians	211.86	212.16	219.79	222.03	-	6.60	6.63	6.89	6.79	-
802	Offices of dentists	180.41	182.90	191.48	190.96	-	6.33	6.44	6.79	6.82	-
805	Nursing and personal care facilities	145.07	142.14	155.03	156.16	-	4.62	4.60	4.86	4.88	-
806	Hospitals	236.94	239.33	262.89	266.34	-	7.01	7.06	7.62	7.72	-
81	**LEGAL SERVICES**	278.17	281.47	307.44	298.91	-	8.11	8.23	8.86	8.74	-
89	**MISCELLANEOUS SERVICES**	360.81	367.10	404.58	400.93	-	9.52	9.61	10.40	10.36	-
891	Engineering and architectural services	398.88	404.15	437.66	436.55	-	10.23	10.31	11.08	11.08	-
893	Accounting, auditing, and bookkeeping	301.88	303.06	333.64	329.35	-	8.05	8.06	8.78	8.69	-

[1] For coverage of series, see footnote 1, table B-2.
[2] Beginning January 1978, data relate to line haul railroads with operating revenues of $50,000,000 or more.
[3] Data relate to employees in such occupations in the telephone industry as switchboard operators; service assistants; operating room instructors; and pay station attendants. In 1977, such employees made up 20 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.
[4] Data relate to employees in such occupations in the telphone industry as central office craft persons; installation and exchange repair craft persons; line, cable and conduit craft persons; and laborers. In 1977, such employees made up 37 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.
[5] Money payments only; tips, not included.
[6] Data for nonoffice sales agents excluded from all series in this division.
- Data not available.
p = preliminary.

NOTE: Data from April 1981 forward are subject to revision when more recent benchmark data are introduced. See "Benchmark adjustment" in the Explanatory Notes of this publication.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Sept. 1981	Oct. 1981	Aug. 1982	Sept. 1982P	Oct. 1982P	Sept. 1981	Oct. 1981	Aug. 1982	Sept. 1982P	Oct. 1982P
-	**SERVICES**	32.4	32.5	33.0	32.7	32.6	-	-	-	-	-
	HOTELS AND OTHER LODGING PLACES:										
701	Hotels, motels, and tourist courts[5]	30.4	31.0	31.7	30.5	-	-	-	-	-	-
	PERSONAL SERVICES:										
721	Laundry, cleaning, and garment services	33.4	33.9	33.3	33.2	-	-	-	-	-	-
723	Beauty shops[5]	29.7	30.0	28.9	29.3	-	-	-	-	-	-
73	**BUSINESS SERVICES**	32.2	32.6	33.0	32.5	-	-	-	-	-	-
731	Advertising	35.2	35.3	35.9	35.8	-	-	-	-	-	-
734	Services to buildings	26.8	27.0	26.8	26.5	-	-	-	-	-	-
737	Computer and data processing services	37.0	37.4	37.8	37.6	-	-	-	-	-	-
75	**AUTO REPAIR, SERVICES, AND GARAGES**	37.8	37.9	38.0	37.9	-	-	-	-	-	-
753	Automotive repair shops	38.8	39.2	39.0	39.0	-	-	-	-	-	-
76	**MISCELLANEOUS REPAIR SERVICES**	38.8	38.9	38.4	38.2	-	-	-	-	-	-
78	**MOTION PICTURES**	26.6	27.1	28.3	26.5	-	-	-	-	-	-
781	Motion picture production and services	37.5	38.5	37.8	37.5	-	-	-	-	-	-
79	**AMUSEMENT AND RECREATION SERVICES**	30.5	30.2	31.8	30.2	-	-	-	-	-	-
80	**HEALTH SERVICES**	32.7	32.6	33.1	33.3	-	-	-	-	-	-
801	Offices of physicians	32.1	32.0	31.9	32.7	-	-	-	-	-	-
802	Offices of dentists	28.5	28.4	28.2	28.0	-	-	-	-	-	-
805	Nursing and personal care facilities	31.4	30.9	31.9	32.0	-	-	-	-	-	-
806	Hospitals	33.8	33.9	34.5	34.5	-	-	-	-	-	-
81	**LEGAL SERVICES**	34.3	34.2	34.7	34.2	-	-	-	-	-	-
89	**MISCELLANEOUS SERVICES**	37.9	38.2	38.9	38.7	-	-	-	-	-	-
891	Engineering and architectural services	38.6	39.2	39.5	39.4	-	-	-	-	-	-
893	Accounting, auditing, and bookkeeping	37.5	37.6	38.0	37.9	-	-	-	-	-	-

C-3. Average hourly earnings excluding overtime of production workers on manufacturing payrolls by industry

Major industry group	Average hourly earnings excluding overtime[1]				
	Sept. 1981	Oct. 1981	Aug. 1982	Sept. 1982P	Oct. 1982P
MANUFACTURING	$7.87	$7.89	$8.26	$8.33	$8.32
DURABLE GOODS	8.41	8.44	8.84	8.91	8.90
Lumber and wood products	6.95	6.89	7.36	7.41	-
Furniture and fixtures	5.87	5.91	6.24	6.26	-
Stone, clay, and glass products	8.13	8.12	8.53	8.61	-
Primary metal industries	10.78	10.62	11.19	11.24	-
Fabricated metal products	8.06	8.11	8.63	8.67	-
Machinery, except electrical	8.63	8.70	9.11	9.17	-
Electric and electronic equipment	7.54	7.59	8.06	8.13	-
Transportation equipment	10.12	10.36	10.80	10.88	-
Instruments and related products	7.37	7.40	8.24	8.27	-
Miscellaneous manufacturing industries	5.89	5.89	6.26	6.34	-
NONDURABLE GOODS	7.08	7.07	7.48	7.56	7.56
Food and kindred products	7.18	7.17	7.48	7.51	-
Tobacco manufactures	8.49	8.46	9.31	9.35	-
Textile mill products	5.49	5.52	5.66	5.69	-
Apparel and other textile products	4.96	4.96	5.10	5.12	-
Paper and allied products	8.41	8.38	9.01	9.12	-
Printing and publishing	8.07	8.11	8.52	8.60	-
Chemicals and allied products	8.98	9.02	9.70	9.84	-
Petroleum and coal products	11.04	10.96	11.85	12.02	-
Rubber and misc. plastics products	7.01	7.03	7.38	7.50	-
Leather and leather products	5.00	5.00	5.24	5.30	-

[1] Derived by assuming that overtime hours are paid at the rate of time and one-half.

P preliminary.

C-4. Gross average weekly earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division, in current and constant (1977) dollars

Industry	Sept. 1981	Oct. 1981	Aug. 1982	Sept. 1982P	Oct. 1982P
TOTAL PRIVATE:					
Current dollars	$259.74	$261.18	$271.04	$270.05	$270.74
Constant (1977) dollars	168.88	169.49	168.24	167.42	-
MINING:					
Current dollars	450.85	456.13	463.43	461.20	$459.64
Constant (1977) dollars	293.14	296.00	288.20	285.93	-
CONSTRUCTION:					
Current dollars	396.31	419.62	436.16	431.73	$436.60
Constant (1977) dollars	257.68	272.30	270.74	267.66	-
MANUFACTURING:					
Current dollars	322.32	323.95	331.89	334.15	$332.13
Constant (1977) dollars	209.57	210.22	206.40	207.16	-
TRANSPORTATION AND PUBLIC UTILITIES:					
Current dollars	390.04	388.65	439.90	406.12	$406.62
Constant (1977) dollars	253.60	252.21	254.44	251.78	-
WHOLESALE AND RETAIL TRADE:					
Current dollars	194.49	192.32	202.77	200.95	$201.27
Constant (1977) dollars	126.46	124.80	126.10	124.58	-
FINANCE, INSURANCE, AND REAL ESTATE:					
Current dollars	230.04	232.77	249.38	248.40	$250.17
Constant (1977) dollars	149.57	151.05	155.09	154.00	-
SERVICES:					
Current dollars	211.25	213.85	227.70	228.57	$229.18
Constant (1977) dollars	137.35	138.77	141.60	141.70	-

[1] For coverage of series, see footnote 1, table B-2.

P preliminary.

C-5. Indexes of aggregate weekly hours and payrolls of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division and major manufacturing group

(1977=100)

Industry division and group	Sept. 1981	Oct. 1981	Adj. 1982	Sept. 1982P	Oct. 1982P
	Hours				
TOTAL PRIVATE	109.3	109.0	106.1	105.0	104.2
GOODS PRODUCING	102.8	102.6	91.8	91.5	90.0
MINING	145.3	146.2	123.7	120.0	118.0
CONSTRUCTION	111.5	116.1	110.7	106.9	106.8
MANUFACTURING	99.1	97.9	86.6	87.1	85.4
DURABLE GOODS	98.4	97.6	82.8	83.2	81.5
Lumber and wood products	87.6	84.3	82.6	82.2	80.2
Furniture and fixtures	96.8	98.6	88.6	89.0	89.7
Stone, clay, and glass products	93.1	91.0	82.2	82.1	81.1
Primary metal industries	93.3	87.8	65.9	64.7	60.8
Fabricated metal products	96.4	95.7	81.2	81.5	80.1
Machinery, except electrical	109.8	109.7	85.2	86.5	82.7
Electric and electronic equipment	106.1	105.9	94.2	94.0	93.8
Transportation equipment	88.7	90.3	74.6	77.3	76.6
Instruments and related products	113.7	113.1	105.0	103.7	101.6
Miscellaneous manufacturing industries	94.2	95.6	83.7	84.4	84.8
NONDURABLE GOODS	100.1	98.4	92.2	93.0	91.3
Food and kindred products	106.2	102.0	102.9	104.7	100.0
Tobacco manufactures	112.1	108.9	95.5	99.6	99.1
Textile mill products	87.8	87.0	75.6	75.8	76.3
Apparel and other textile products	95.0	95.6	85.7	85.9	85.5
Paper and allied products	102.4	98.5	91.8	92.7	90.4
Printing and publishing	107.2	106.8	105.0	105.5	105.0
Chemicals and allied products	103.4	100.6	94.3	94.9	93.2
Petroleum and coal products	107.4	103.4	98.8	101.9	101.7
Rubber and misc. plastics products	101.4	100.4	92.5	93.1	91.1
Leather and leather products	90.0	91.5	79.6	77.1	74.6
SERVICE PRODUCING	112.5	112.5	113.9	112.5	112.1
TRANSPORTATION AND PUBLIC UTILITIES	106.1	105.5	102.0	102.1	101.5
WHOLESALE AND RETAIL TRADE	107.5	106.8	107.7	106.1	105.8
WHOLESALE TRADE	112.0	112.8	109.6	108.6	108.7
RETAIL TRADE	105.8	104.5	106.9	105.2	104.6
FINANCE, INSURANCE, AND REAL ESTATE	117.0	117.4	119.1	117.0	116.7
SERVICES	119.4	120.6	124.3	122.5	122.3

[1] For coverage of series, see footnote 1, table B-2.

P preliminary.

ESTABLISHMENT DATA
HOURS AND EARNINGS

C-5. Indexes of aggregate weekly hours and payrolls of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division and major manufacturing group—Continued

(1977=100)

Industry division and group	Sept. 1981	Oct. 1981	Aug. 1982	Sept. 1982[p]	Oct. 1982[p]
	Payrolls				
TOTAL PRIVATE	153.8	154.2	155.5	155.3	154.5
GOODS PRODUCING	147.5	146.9	138.5	139.1	136.8
MINING	214.3	215.9	194.7	161.2	186.4
CONSTRUCTION	152.4	159.9	158.4	154.4	155.6
MANUFACTURING	142.4	140.8	129.8	131.8	128.8
DURABLE GOODS	141.2	140.6	124.2	125.7	122.7
[illegible]	123.1	117.5	123.3	123.5	119.0
[illegible]	134.1	137.5	130.3	131.3	132.6
[illegible]	136.7	133.2	126.3	127.4	125.2
[illegible]	141.4	130.0	104.2	130.9	93.9
[illegible]	136.0	135.4	121.7	122.8	120.4
[illegible]	157.2	158.5	128.5	129.9	123.4
[illegible]	152.6	153.3	143.9	145.2	145.5
[illegible]	127.7	133.1	114.5	119.3	118.8
[illegible]	133.1	162.4	166.5	165.6	162.0
[illegible]	136.7	132.9	122.6	125.4	126.5
NONDURABLE GOODS	144.3	141.1	139.8	142.7	139.7
[illegible]	149.6	142.6	153.5	154.0	146.5
[illegible]	177.2	170.4	164.1	172.1	172.5
[illegible]	125.3	124.8	110.4	111.5	112.3
[illegible]	132.0	133.1	122.4	123.3	122.6
[illegible]	153.7	145.7	145.5	149.8	144.9
[illegible]	146.3	146.6	150.8	153.2	152.0
[illegible]	150.7	146.6	146.9	150.7	148.6
[illegible]	158.4	151.5	156.7	164.2	163.0
[illegible]	142.8	141.6	136.7	139.8	136.3
[illegible]	127.0	129.2	117.6	115.3	112.0
SERVICE PRODUCING	158.2	158.3	167.5	166.8	166.9
TRANSPORTATION AND PUBLIC UTILITIES	151.0	150.9	152.3	152.5	152.2
WHOLESALE AND RETAIL TRADE	151.8	150.9	156.6	155.4	155.1
WHOLESALE TRADE	159.8	161.8	165.3	164.1	164.5
RETAIL TRADE	147.5	143.6	152.2	150.7	150.1
FINANCE, INSURANCE, AND REAL ESTATE	168.6	169.2	180.0	177.6	177.9
SERVICES	167.4	170.5	184.3	184.2	184.9

C-6. Average weekly hours of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division and major manufacturing group, seasonally adjusted

Industry	1981			1982									
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.[p]	Oct.[p]
TOTAL PRIVATE	35.1	35.1	35.0	34.4	35.0	34.9	34.9	35.0	34.9	34.9	34.8	34.8	34.7
MINING	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
CONSTRUCTION	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
MANUFACTURING	39.5	39.3	39.1	37.6	39.4	39.0	39.0	39.1	39.2	39.2	39.0	38.7	38.7
Overtime hours	2.7	2.5	2.4	2.3	2.4	2.3	2.4	2.3	2.4	2.4	2.4	2.3	2.3
DURABLE GOODS	40.0	39.7	39.5	38.2	39.8	39.5	39.5	39.6	39.7	39.7	39.4	38.9	38.9
Overtime hours	2.6	2.4	2.3	2.2	2.2	2.2	2.2	2.2	2.3	2.2	2.2	2.0	1.9
Lumber and wood products	37.8	37.7	37.7	35.0	37.9	37.6	37.6	38.5	38.7	38.6	38.2	38.3	37.9
Furniture and fixtures	38.0	37.6	37.9	33.6	37.7	37.3	37.4	37.5	37.8	37.6	37.9	37.5	37.7
Stone, clay, and glass products	40.1	40.1	39.7	38.6	40.1	40.0	40.3	40.2	40.4	40.6	40.3	40.1	40.2
Primary metal industries	40.0	39.6	39.2	38.3	39.4	38.8	38.5	38.5	38.9	38.9	38.8	37.9	37.6
Fabricated metal products	40.0	39.7	39.5	38.1	39.7	39.5	39.4	39.5	39.4	39.5	39.2	38.8	38.9
Machinery, except electrical	40.8	40.7	40.4	39.3	40.7	40.2	40.1	39.9	39.6	39.8	39.5	38.9	39.1
Electric and electronic equipment	39.6	39.4	39.5	38.3	39.8	39.4	39.3	39.4	39.5	39.8	39.3	39.8	38.9
Transportation equipment	40.6	40.4	39.7	39.0	40.5	40.4	41.1	41.1	41.6	41.9	40.5	39.8	39.7
Instruments and related products	40.3	40.2	39.9	39.0	39.9	39.9	39.9	40.2	40.2	40.1	40.1	39.7	39.3
Miscellaneous manufacturing ind	38.9	39.0	38.5	37.3	38.6	38.6	38.5	38.7	38.6	38.7	38.6	38.1	38.3
NONDURABLE GOODS	38.9	38.7	38.6	36.8	38.9	38.5	38.4	38.5	38.6	38.6	38.5	38.5	38.4
Overtime hours	2.8	2.7	2.6	2.5	2.6	2.5	2.6	2.5	2.5	2.6	2.6	2.6	2.6
Food and kindred products	39.5	39.5	39.8	39.1	40.2	39.5	39.6	39.6	39.5	39.5	39.1	39.4	39.5
Tobacco manufactures	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Textile mill products	39.0	38.7	37.8	32.3	38.3	37.6	37.7	37.9	37.8	37.7	38.2	38.1	38.0
Apparel and other textile products	35.5	35.5	35.1	31.4	35.5	35.0	34.7	34.9	35.1	35.2	35.0	35.2	34.7
Paper and allied products	42.4	42.0	41.8	41.3	42.3	41.8	42.1	41.8	42.0	41.9	41.7	41.5	41.4
Printing and publishing	37.1	37.1	37.1	36.9	37.4	37.1	37.1	36.8	37.1	37.0	36.8	36.9	36.9
Chemicals and allied products	41.5	41.2	41.3	41.0	41.2	40.7	40.7	41.0	41.0	40.9	40.9	41.2	40.8
Petroleum and coal products	42.2	42.5	42.7	44.3	43.5	43.5	44.0	44.1	44.1	43.3	43.9	43.4	43.5
Rubber and misc. plastics products	39.9	39.6	39.4	37.9	40.0	39.6	39.8	39.9	40.1	40.2	39.7	39.6	39.1
Leather and leather products	36.7	36.5	36.1	34.1	35.6	35.8	35.9	35.6	35.7	36.1	36.0	35.7	34.9
TRANSPORTATION AND PUBLIC UTILITIES	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
WHOLESALE AND RETAIL TRADE	32.0	32.1	32.0	31.7	32.0	31.9	31.8	32.0	31.9	31.9	31.9	32.1	32.1
WHOLESALE TRADE	38.4	38.5	38.4	38.1	38.5	38.4	38.3	38.5	38.6	38.5	38.5	38.4	38.3
RETAIL TRADE	29.9	30.0	29.9	29.7	29.9	29.8	29.8	30.0	29.8	29.9	29.9	30.1	30.2
FINANCE, INSURANCE, AND REAL ESTATE	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
SERVICES	32.6	32.6	32.6	32.5	32.6	32.6	32.7	32.7	32.7	32.6	32.6	32.8	32.7

[p] preliminary

[1] For coverage of series, see footnote 1, table B-2.

[2] This series is not published seasonally adjusted since the seasonal component is small relative to the trend-cycle and/or irregular components and consequently cannot be separated with sufficient precision.

ESTABLISHMENT DATA
SEASONALLY ADJUSTED

C-7. Indexes of aggregate weekly hours of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division and major manufacturing group, seasonally adjusted

(1977=100)

Industry division and group	1981			1982									
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.[p]	Oct.[p]
TOTAL PRIVATE	107.7	107.3	106.3	104.3	106.2	105.6	105.2	105.7	104.9	104.8	104.1	103.8	103.2
GOODS PRODUCING	99.7	99.4	96.3	91.4	95.6	93.9	93.3	93.3	91.9	91.4	90.0	88.7	87.2
MINING	143.9	145.0	145.5	141.6	143.7	142.6	138.4	133.6	128.2	125.1	121.4	117.9	116.2
CONSTRUCTION	106.1	106.9	104.2	96.8	102.9	101.1	100.9	104.5	101.0	101.9	100.5	98.2	97.3
MANUFACTURING	96.4	94.6	92.5	88.0	91.9	90.3	89.3	89.2	88.4	87.6	86.5	85.4	83.9
DURABLE GOODS	96.4	94.9	91.4	87.3	90.6	89.1	87.8	87.8	86.7	86.1	84.1	82.2	80.2
Lumber and wood products	81.8	79.2	77.2	70.9	77.5	76.1	77.6	79.5	79.8	79.4	78.7	78.9	77.8
Furniture and fixtures	95.9	93.1	92.6	80.9	90.0	88.3	87.8	88.1	88.5	87.3	89.0	87.8	87.0
Stone, clay, and glass products	88.2	86.6	83.9	79.3	82.4	81.1	80.2	81.1	80.4	80.8	79.7	79.3	78.6
Primary metal industries	88.6	85.4	81.9	78.5	79.7	77.1	73.6	71.0	70.1	68.4	67.0	64.0	61.3
Fabricated metal products	94.2	91.6	89.3	85.1	88.1	87.0	85.8	85.5	84.0	83.9	82.0	80.5	78.6
Machinery, except electrical	110.4	108.7	106.2	101.6	104.4	101.5	99.2	98.0	94.4	92.1	88.9	86.3	83.0
Electric and electronic equipment	104.9	101.5	99.6	97.2	100.4	98.6	97.8	98.3	97.7	97.5	95.8	93.6	92.8
Transportation equipment	87.6	85.4	80.7	78.3	81.8	81.7	81.4	82.3	82.6	83.1	79.4	77.1	74.3
Instruments and related products	113.0	111.7	110.6	107.3	109.3	108.5	107.4	108.5	107.2	106.7	105.6	103.8	101.5
Miscellaneous manufacturing ind.	91.1	91.0	89.3	84.8	86.8	86.2	84.2	84.4	83.6	84.1	82.4	81.0	80.8
NONDURABLE GOODS	96.5	95.4	94.1	89.0	93.8	92.0	91.5	91.4	91.0	90.3	90.0	90.2	89.4
Food and kindred products	97.2	97.3	97.7	95.6	98.9	96.8	95.5	96.2	95.4	96.1	93.9	95.0	95.3
Tobacco manufactures	96.1	94.6	92.1	93.6	94.6	93.6	89.6	88.7	91.6	89.8	90.7	88.1	87.6
Textile mill products	85.8	83.9	80.7	67.7	79.9	76.5	78.0	77.0	78.8	74.7	75.2	75.2	75.1
Apparel and other textile products	93.3	92.7	90.5	79.6	93.0	87.7	85.3	85.3	85.8	83.2	84.3	84.7	83.6
Paper and allied products	98.3	96.6	95.2	93.7	95.4	93.9	94.0	92.8	92.5	92.2	91.4	91.7	90.2
Printing and publishing	106.8	106.5	106.5	105.8	107.2	106.7	106.2	105.5	105.9	105.3	104.9	105.1	104.9
Chemicals and allied products	100.9	99.5	98.9	97.6	97.6	96.4	95.3	95.7	94.9	94.0	94.3	94.9	93.5
Petroleum and coal products	100.1	100.0	99.7	98.7	96.1	96.1	96.5	96.7	95.9	94.2	95.5	96.7	98.5
Rubber and misc. plastics products	99.0	96.3	94.3	90.0	94.0	92.3	94.0	94.6	94.9	95.0	93.6	92.5	89.8
Leather and leather products	90.1	88.3	85.1	79.1	79.5	79.5	79.5	78.1	78.4	77.0	78.1	76.2	72.9
SERVICE PRODUCING	112.1	112.2	111.8	111.4	112.1	112.0	111.9	112.5	112.1	112.2	111.8	112.2	112.0
TRANSPORTATION AND PUBLIC UTILITIES	104.2	104.4	103.6	102.8	103.7	103.3	102.8	102.6	102.2	101.5	101.2	101.0	100.6
WHOLESALE AND RETAIL TRADE	106.2	106.3	105.4	105.2	106.3	105.9	105.5	106.5	105.8	106.1	105.5	105.6	105.5
WHOLESALE TRADE	111.6	111.8	111.0	109.7	110.7	110.2	109.5	110.3	110.0	109.6	109.0	108.5	107.8
RETAIL TRADE	104.1	104.3	103.3	103.4	104.6	104.2	103.9	105.1	104.2	104.7	104.2	104.4	104.6
FINANCE, INSURANCE, AND REAL ESTATE	117.6	117.4	117.4	116.9	116.8	117.1	117.0	117.9	117.4	117.4	117.2	117.2	116.9
SERVICES	120.4	120.6	120.8	120.3	120.9	121.1	121.5	121.8	121.9	121.8	121.8	122.9	122.5

[1] For coverage of series, see footnote 1, table B-2.

[p] Preliminary.

C-8. Hourly Earnings Index and average hourly and weekly earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls, seasonally adjusted

Industry	1981			1982									
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept. P	Oct. P
Hourly Earnings Index[2] (1977=100)													
TOTAL PRIVATE (In current dollars)	142.0	143.0	143.5	144.9	145.0	145.4	146.3	147.7	148.1	148.9	149.9	150.0	150.6
MINING[3]	151.4	153.4	153.4	156.2	156.0	156.0	156.5	156.8	159.6	161.3	161.5	163.2	161.9
CONSTRUCTION	134.7	135.7	136.6	139.9	137.9	138.1	138.7	139.9	139.7	140.6	140.7	140.6	142.0
MANUFACTURING	145.4	146.4	146.9	148.9	149.1	149.9	150.8	151.8	152.5	153.3	154.2	154.7	154.7
TRANSPORTATION AND PUBLIC UTILITIES	142.3	143.5	144.3	145.5	146.0	146.3	146.9	148.2	149.1	148.9	150.3	149.6	151.1
WHOLESALE AND RETAIL TRADE	140.5	141.3	141.7	142.1	142.5	142.8	143.7	145.1	145.2	145.7	146.5	146.7	147.3
FINANCE, INSURANCE, AND REAL ESTATE	141.4	142.6	142.8	143.1	143.3	143.8	144.9	145.0	147.2	148.6	150.6	151.2	152.0
SERVICES	140.9	142.2	142.6	143.4	143.7	143.9	145.1	146.5	147.3	148.7	149.7	149.6	150.3
TOTAL PRIVATE (In 1977 dollars)[4]	92.1	92.3	92.3	92.9	92.8	93.3	93.7	93.7	93.1	93.0	93.2	93.2	-
Average hourly earnings													
TOTAL PRIVATE	$7.40	$7.45	$7.46	$7.52	$7.53	$7.54	$7.59	$7.65	$7.67	$7.71	$7.74	$7.72	$7.75
MINING	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
CONSTRUCTION	11.06	11.14	11.22	11.52	11.34	11.39	11.43	11.54	11.51	11.56	11.58	11.58	11.69
MANUFACTURING	8.16	8.20	8.20	8.38	8.34	8.37	8.44	8.48	8.52	8.56	8.57	8.56	8.58
TRANSPORTATION AND PUBLIC UTILITIES	9.89	9.97	10.02	10.09	10.13	10.15	10.18	10.24	10.30	10.30	10.40	10.35	10.43
WHOLESALE AND RETAIL TRADE	6.03	6.06	6.08	6.09	6.10	6.12	6.16	6.20	6.22	6.23	6.26	6.25	6.29
FINANCE, INSURANCE, AND REAL ESTATE	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
SERVICES	6.58	6.63	6.65	6.71	6.72	6.72	6.80	6.85	6.90	6.96	7.00	7.01	7.02
Average weekly earnings													
TOTAL PRIVATE:													
Current dollars	259.74	261.50	261.10	258.69	263.55	263.15	264.89	267.75	267.68	269.08	269.35	268.66	268.93
1977 dollars[4]	168.44	168.82	167.93	165.93	168.62	168.93	169.69	169.89	168.14	167.97	167.61	166.87	-

[1] For coverage of series, see footnote 1, table B-2.

[2] The index excludes effects of two types of changes that are unrelated to underlying wage-rate developments. Fluctuations in overtime premiums in manufacturing (the only sector for which overtime data are available) and the effects of changes in the proportion of workers in high-wage and low-wage industries.

[3] The unadjusted data are shown because the seasonal component is small relative to the trend-cycle and/or irregular components and consequently cannot be separated with sufficient precision.

[4] The deflator for these series is derived from the Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W).

[5] See footnote 2, table C-6.

p = preliminary.

C-9. Hours of wage and salary workers[1] in nonagricultural establishments by industry division

Industry division	Millions of hours (Annual rate)[2]			Percent change		
	August P1982	September P1982	October P1982	Oct. 1981 to Oct. 1982	Aug. 1982 to Sept. 1982	Sept. 1982 to Oct. 1982
TOTAL	165,606	165,438	164,636	-3.0	-0.1	-0.5
PRIVATE SECTOR	135,139	134,842	134,028	-3.6	-0.2	-0.6
MINING	2,383	2,331	2,305	-16.4	-2.2	-1.1
CONSTRUCTION	7,466	7,293	7,299	-7.1	-2.3	0.1
MANUFACTURING	38,235	37,818	37,317	-10.0	-1.1	-1.3
DURABLE GOODS	22,693	22,300	21,887	-12.8	-1.7	-1.9
NONDURABLE GOODS	15,542	15,517	15,430	-5.7	-0.2	-0.6
TRANSPORTATION AND PUBLIC UTILITIES	10,222	10,201	10,154	-3.5	-0.2	-0.5
WHOLESALE AND RETAIL TRADE	34,382	34,431	34,363	-0.5	0.1	-0.2
FINANCE, INSURANCE, AND REAL ESTATE	10,121	10,125	10,060	0.2	0.0	-0.6
SERVICES	32,327	32,644	32,530	1.9	1.0	-0.3
GOVERNMENT	30,467	30,596	30,608	-0.1	0.4	0.0

[1] Data refer to hours of all employees—production workers, nonsupervisory workers and salaried workers—and are based largely on establishment data. See *BLS Handbook of Methods for Surveys and Studies*, BLS Bulletin 1910—Chapter 30, Productivity Measures: Private Economy and Major Sectors.

[2] "Annual rate" refers to total hours paid for 1 week in the month, expressed as a seasonally adjusted annual equivalent.

PRODUCTIVITY
SEASONALLY ADJUSTED

C-10. Indexes of output and compensation per hour, unit costs, and prices, private business sector, seasonally adjusted

(1977=100)

Item	Annual average		Quarterly indexes										
			1980				1981				1982		
	1980	1981	I	II	III	IV	I	II	III	IV	I	II	III
BUSINESS SECTOR:													
Output per hour of all persons	98.9	100.7	99.3	98.2	98.9	99.3	100.7	100.7	101.0	100.2	100.0	100.3	p101.3
Output	106.2	108.9	107.9	104.7	105.3	107.0	109.1	109.1	109.6	107.8	106.3	106.4	p106.8
Hours	107.4	108.2	108.7	106.6	106.5	107.7	108.3	108.3	108.5	107.5	106.3	106.1	p105.4
Compensation per hour	131.4	144.1	126.7	130.0	133.1	136.1	140.0	142.5	145.6	148.2	150.9	153.4	p155.7
Real compensation per hour	96.7	96.0	97.0	96.4	96.9	96.2	96.2	96.4	95.7	95.6	96.5	97.1	p96.8
Unit labor costs	132.9	143.1	127.6	132.3	134.7	137.0	139.0	141.5	144.2	147.9	150.9	152.9	p153.7
Unit nonlabor payments	119.3	135.2	116.0	116.2	120.6	124.6	131.8	133.4	137.4	138.3	136.4	137.0	p140.8
Implicit price deflator	128.3	140.4	123.7	126.9	129.9	132.8	136.5	138.8	141.9	144.6	146.0	147.5	p149.3
NONFARM BUSINESS SECTOR:													
Output per hour of all persons	98.5	99.9	98.7	97.6	98.4	99.2	100.4	100.0	100.0	99.1	99.2	r99.4	p100.3
Output	106.3	108.6	107.9	104.6	105.3	107.3	109.2	109.0	109.1	107.1	106.0	r106.1	p106.3
Hours	108.0	108.7	109.3	107.2	107.0	108.2	108.8	109.0	109.1	108.1	106.8	106.7	p106.0
Compensation per hour	130.9	143.6	126.2	129.3	132.6	135.7	139.5	142.0	145.1	147.7	150.4	r152.7	p155.1
Real compensation per hour	96.3	95.7	96.6	96.0	96.5	95.9	96.0	96.0	95.4	95.3	96.3	96.6	p96.4
Unit labor costs	133.0	143.8	127.8	132.5	134.7	136.8	139.0	141.9	145.1	149.0	151.6	r153.5	p154.6
Unit nonlabor payments	119.1	134.8	115.2	116.7	120.3	124.4	131.5	132.8	136.7	138.4	136.7	r137.2	p140.9
Implicit price deflator	128.3	140.8	123.6	127.2	129.9	132.7	136.5	138.9	142.3	145.5	146.6	r148.1	p150.1
MANUFACTURING:													
Output per hour of all persons	101.7	104.5	102.6	100.4	100.3	103.6	105.2	105.0	105.0	102.8	102.1	r102.3	p104.1
Output	103.6	105.9	107.8	101.6	99.9	105.0	106.7	107.5	107.4	102.0	98.2	r97.0	p96.5
Hours	101.8	101.3	105.1	101.1	99.6	101.3	101.5	102.4	102.3	99.2	96.2	94.8	p92.7
Compensation per hour	132.8	146.4	127.1	130.9	135.2	138.4	142.6	144.9	147.3	150.7	154.7	r157.6	p160.1
Real compensation per hour	97.7	97.5	97.3	97.1	98.5	97.8	98.0	97.9	96.8	97.2	99.0	99.7	p99.5
Unit labor costs	130.6	140.0	123.9	130.3	134.9	133.6	135.5	138.0	140.3	146.6	151.5	r154.0	p153.8
DURABLE GOODS													
Output per hour of all persons	100.3	103.4	101.2	99.2	98.3	102.2	104.2	104.0	103.7	101.5	100.3	r100.5	p102.1
Output	103.5	106.1	108.9	101.4	98.8	104.9	107.0	108.2	107.8	101.6	96.8	r95.2	p93.9
Hours	103.2	102.6	107.6	102.2	100.4	102.7	102.7	104.0	103.9	100.0	96.5	r94.7	p92.0
Compensation per hour	132.6	146.5	126.6	130.4	135.0	138.5	142.7	144.7	147.2	151.0	154.8	157.7	p160.7
Real compensation per hour	97.5	97.6	96.9	96.8	98.3	97.9	98.2	97.9	96.7	97.4	99.1	99.8	p99.9
Unit labor costs	132.2	141.6	125.1	131.4	137.3	135.6	137.0	139.2	142.0	148.7	154.3	r156.9	p157.4
NONDURABLE GOODS													
Output per hour of all persons	104.0	106.2	104.7	102.3	103.2	105.8	106.7	106.5	107.0	104.6	104.9	r105.1	p107.1
Output	103.7	105.6	106.2	101.8	101.5	105.1	106.4	106.5	106.9	102.6	100.4	r99.6	p100.4
Hours	99.7	99.4	101.5	99.5	98.4	99.3	99.7	99.9	99.8	98.1	95.7	94.8	p93.7
Compensation per hour	132.8	145.6	127.2	131.3	135.4	137.6	141.8	144.4	146.7	149.6	154.3	157.5	p159.4
Real compensation per hour	97.7	97.0	97.3	97.4	98.6	97.2	97.5	97.7	96.5	96.5	98.8	99.7	p99.0
Unit labor costs	127.7	137.1	121.5	128.4	131.2	130.1	132.9	135.6	137.1	143.1	147.2	r150.0	p148.8
NONFINANCIAL CORPORATIONS:													
Output per all-employee hour	100.8	102.7	100.8	99.8	101.1	101.7	102.8	102.7	102.8	102.2	102.3	r103.1	N.A.
Output	108.1	110.7	109.8	106.5	107.1	109.0	111.0	111.1	111.5	109.4	107.9	r107.8	N.A.
Hours	107.2	107.9	109.0	106.6	105.9	107.2	107.9	108.1	108.5	107.0	105.4	104.6	N.A.
Compensation per hour	131.6	144.4	126.8	130.0	133.4	136.3	140.4	142.7	145.7	148.6	151.7	154.1	N.A.
Real compensation per hour	96.8	96.2	97.0	96.4	97.1	96.3	96.5	96.5	95.8	95.9	97.1	97.5	N.A.
Total unit costs	131.0	143.4	125.0	130.4	132.9	135.8	138.3	141.7	144.7	149.1	151.8	r153.8	N.A.
Unit labor costs	130.5	140.6	125.8	130.2	131.9	134.1	136.5	138.9	141.7	145.4	148.3	r149.5	N.A.
Unit nonlabor costs	132.5	151.4	122.7	131.0	135.7	140.7	143.4	149.6	153.1	159.6	161.8	r166.0	N.A.
Unit profits	87.9	101.6	91.1	81.9	87.8	90.5	104.7	98.8	105.2	97.6	86.1	r82.3	N.A.
Implicit price deflator	126.1	138.6	121.1	124.8	127.7	130.6	134.5	136.8	140.2	143.2	144.3	r145.6	N.A.

p=preliminary.
r=revised.

C-11. Percent changes from preceding quarter and year in productivity, hourly compensation, unit costs, and prices, private business sector, seasonally adjusted at annual rate

Item	Quarterly percent change						Annual percent change					
	1981 I to 1981 II	1981 II to 1981 III	1981 III to 1981 IV	1981 IV to 1982 I	1982 I to 1982 II	1982 II to 1982 III	1980 II to 1981 II	1980 III to 1981 III	1980 IV to 1981 IV	1981 I to 1982 I	1981 II to 1982 II	1981 III to 1982 III
BUSINESS SECTOR:												
Output per hour of all persons	0.0	1.1	-2.9	-1.0	r1.4	p4.0	2.5	2.2	0.9	-0.7	-0.4	p0.3
Output	-0.1	1.9	-6.4	-5.5	r0.6	p1.4	4.1	4.1	0.7	-2.6	r-2.4	p-2.5
Hours	-0.1	0.8	-3.6	-4.5	-0.8	p-2.5	1.6	1.9	-0.2	-1.9	2.1	p-2.9
Compensation per hour	7.5	9.0	7.4	7.3	6.9	p6.2	9.7	9.4	8.9	7.8	7.6	p6.9
Real compensation per hour	0.5	-2.6	-0.4	3.9	2.2	p-1.3	-0.1	-1.3	-0.6	0.3	r0.8	p1.1
Unit labor costs	7.5	7.8	10.6	8.4	r5.5	p2.1	6.9	7.1	7.9	8.6	8.1	p6.6
Unit nonlabor payments	4.9	12.5	2.9	-5.4	r1.7	p11.5	14.8	13.9	11.0	3.5	r2.7	p2.5
Implicit price deflator	6.6	9.3	8.0	3.8	r4.3	p5.0	9.4	9.2	8.9	6.9	r6.3	p5.2
NONFARM BUSINESS SECTOR:												
Output per hour of all persons	-1.3	-0.3	-3.5	0.6	r0.8	p3.6	2.5	1.6	-0.1	-1.1	r-0.6	p0.3
Output	-0.8	0.3	-7.1	-4.2	r0.6	p0.7	4.2	3.6	-0.2	-3.0	r-2.6	p-2.5
Hours	0.5	0.6	-3.7	-4.7	-0.1	p-2.8	1.6	2.0	-0.1	-1.9	-2.0	p-2.9
Compensation per hour	7.1	9.0	7.3	7.7	r6.1	p6.6	9.8	9.4	8.8	7.8	7.5	p6.9
Real compensation per hour	0.1	-2.6	-0.5	4.3	1.4	p-0.9	0.0	-1.2	-0.6	0.3	0.6	p1.1
Unit labor costs	8.6	9.3	11.2	7.1	r5.2	p2.9	7.1	7.7	8.9	9.0	r8.2	p6.6
Unit nonlabor payments	4.0	12.1	5.1	-4.6	r1.3	p11.3	13.8	13.6	11.2	4.0	r3.3	p3.1
Implicit price deflator	7.1	10.2	9.2	3.3	r4.0	p5.5	9.2	9.6	9.6	7.4	r6.6	p5.5
MANUFACTURING:												
Output per hour of all persons	-0.7	-0.1	-8.2	-2.4	r0.8	p7.1	4.5	4.7	-0.8	-2.9	r-2.5	p-0.8
Output	2.8	-0.4	-18.7	-13.8	r-5.1	p-1.9	5.8	7.5	-2.9	-8.0	r-9.8	p-10.1
Hours	3.6	-0.3	-11.4	-11.7	r-5.9	p-8.5	1.2	2.7	-2.1	-5.2	-7.4	p-9.4
Compensation per hour	6.6	6.8	9.6	11.1	7.8	p6.5	10.7	8.9	8.9	8.5	8.8	p8.7
Real compensation per hour	-0.4	-4.6	1.6	7.6	3.1	p-1.1	0.9	-1.7	-0.6	1.0	1.8	p2.8
Unit labor costs	7.3	6.8	19.4	13.9	r6.9	p-0.6	5.9	4.0	9.8	11.7	r11.6	p9.6
DURABLE GOODS												
Output per hour of all persons	-0.7	-1.3	-8.0	-4.9	r0.9	p6.4	4.8	5.4	-0.6	-3.8	r-3.4	p-1.5
Output	4.5	-1.6	-21.1	-17.5	r-6.4	p-5.5	6.7	9.1	-3.2	-9.5	-12.0	p-12.9
Hours	5.3	-0.3	-14.2	-13.2	r-7.2	p-11.2	1.8	3.5	-2.6	-6.0	-8.9	p-11.5
Compensation per hour	5.7	6.9	10.9	10.3	7.7	p8.0	11.0	9.0	9.1	8.4	8.9	p9.2
Real compensation per hour	-1.2	-4.5	2.9	6.8	2.9	p0.4	1.1	-1.6	-0.4	0.9	1.9	p3.2
Unit labor costs	6.5	8.3	20.5	15.9	r6.7	p1.5	5.9	3.4	9.7	12.7	r12.7	p10.9
NONDURABLE GOODS												
Output per hour of all persons	-0.7	1.8	-8.8	1.1	r0.7	p7.9	4.2	3.7	-1.1	-1.7	r-1.4	p0.1
Output	0.3	1.4	-15.1	-8.3	r-3.2	p3.3	4.6	5.3	-2.4	-5.6	r-6.5	p-6.1
Hours	1.0	-0.4	-6.9	-9.3	r-3.9	p-4.3	0.4	1.5	-1.2	-4.0	-5.2	p-6.1
Compensation per hour	7.6	6.5	8.2	13.2	r8.5	p4.7	10.0	8.4	8.7	8.8	9.1	p8.6
Real compensation per hour	0.6	-4.8	0.3	9.6	3.8	p-2.7	0.2	-2.2	-0.7	1.3	2.1	p2.7
Unit labor costs	8.3	4.6	18.5	12.0	r7.8	p-3.0	5.6	4.5	10.0	10.8	r10.6	p8.5
NONFINANCIAL CORPORATIONS:												
Output per all-employee hour	-0.4	0.3	-2.3	0.5	r2.9	N.A.	2.9	1.7	0.6	-0.5	r0.3	N.A.
Output	0.6	1.5	-7.5	-5.2	r-0.4	N.A.	4.4	4.1	0.3	-2.7	r-3.0	N.A.
Hours	0.9	1.2	-5.3	-5.7	-3.2	N.A.	1.4	2.4	-0.2	-2.3	-3.3	N.A.
Compensation per hour	6.9	8.5	8.3	8.6	6.4	N.A.	9.8	9.2	9.0	8.1	8.0	N.A.
Real compensation per hour	-0.1	-3.0	0.5	5.2	1.7	N.A.	0.1	-1.4	-0.5	0.6	1.0	N.A.
Total unit costs	10.2	8.6	12.8	7.4	r5.4	N.A.	8.7	8.9	9.8	9.7	r8.5	N.A.
Unit labor costs	7.3	8.2	10.9	8.1	r3.4	N.A.	6.7	7.5	8.4	8.6	r7.6	N.A.
Unit nonlabor costs	18.5	9.8	17.8	5.7	r10.7	N.A.	14.2	12.9	13.4	12.8	r10.9	N.A.
Unit profits	-20.8	28.4	-25.9	-39.4	r-16.7	N.A.	20.7	19.7	7.9	-17.8	r-16.7	N.A.
Implicit price deflator	7.1	10.2	8.9	3.0	r3.8	N.A.	9.6	9.7	9.6	7.3	r6.4	N.A.

p=preliminary.
r=revised.

C-12. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	SEP. 1981	AUG. 1982	SEP. 1982P	SEP. 1981	AUG. 1982	SEP. 1982P	SEP. 1981	AUG. 1982	SEP. 1982P
ALABAMA	$285.84	$287.28	$285.12	39.7	39.9	39.6	$7.20	$7.20	$7.20
Birmingham	316.00	301.09	310.78	39.5	38.8	40.1	8.00	7.76	7.75
Mobile	385.53	384.89	(*)	41.3	40.6	(*)	9.33	9.48	(*)
ALASKA	417.97	502.78	(*)	34.6	49.1	(*)	12.08	10.24	(*)
ARIZONA	323.36	345.32	345.33	39.1	38.8	38.2	8.27	8.90	9.04
ARKANSAS	254.32	260.35	262.58	39.8	38.8	38.9	6.39	6.71	6.75
Fayetteville—Springdale	232.97	239.34	232.26	40.8	39.3	38.2	5.71	6.09	6.08
Fort Smith	250.78	258.22	256.73	38.7	37.1	37.1	6.48	6.96	6.92
Little Rock—North Little Rock	292.58	308.43	297.86	40.3	39.9	39.4	7.26	7.73	7.56
Pine Bluff	333.94	350.17	372.81	41.9	40.2	40.7	7.97	8.86	9.16
CALIFORNIA	345.54	367.46	366.21	39.0	39.3	39.0	8.86	9.35	9.39
COLORADO	331.93	337.33	341.35	39.8	39.5	39.6	8.34	8.54	8.62
Denver—Boulder	329.11	344.35	352.23	39.7	39.4	39.8	8.29	8.74	8.85
CONNECTICUT	317.34	331.60	334.43	41.0	40.0	40.1	7.74	8.29	8.34
Bridgeport	339.58	350.92	352.00	42.5	40.9	40.6	7.99	8.58	8.67
Hartford	332.51	355.29	359.48	40.6	40.1	40.3	8.19	8.86	8.92
New Britain	324.90	340.98	342.50	41.6	40.4	40.2	7.81	8.44	8.52
New Haven—West Haven	302.04	319.48	319.87	39.9	39.2	39.2	7.57	8.15	8.16
Stamford	292.98	303.34	315.99	40.3	39.6	40.1	7.27	7.66	7.88
Waterbury	269.93	284.78	283.11	41.4	40.8	40.1	6.52	6.98	7.06
DELAWARE	326.37	332.13	334.85	38.9	38.8	38.4	8.39	8.56	8.72
Wilmington	374.60	398.86	389.39	37.8	38.5	36.7	9.91	10.36	10.61
DISTRICT OF COLUMBIA:									
Washington SMSA	352.41	358.27	373.12	39.2	38.4	39.4	8.99	9.33	9.47
FLORIDA	268.93	276.19	278.58	39.9	38.9	38.8	6.74	7.10	7.18
Fort Lauderdale—Hollywood	252.63	270.75	263.41	40.1	39.7	37.9	6.30	6.82	6.95
Jacksonville	319.96	313.53	314.24	42.1	38.9	38.7	7.60	8.06	8.12
Lakeland—Winter Haven	299.52	301.68	308.39	41.2	39.8	40.9	7.27	7.58	7.54
Miami	230.93	230.02	229.82	40.8	38.4	37.8	5.66	5.99	6.08
Orlando	295.80	315.70	312.89	42.5	41.0	40.9	6.96	7.70	7.65
Pensacola	335.62	327.41	326.98	42.7	39.4	39.3	7.86	8.31	8.32
Tampa—St. Petersburg	263.66	277.49	285.42	39.5	40.1	40.6	6.68	6.92	7.03
West Palm Beach—Boca Raton	285.93	291.61	307.98	40.5	39.3	40.9	7.06	7.42	7.53
GEORGIA	259.35	263.42	265.67	40.1	39.2	39.3	6.46	6.72	6.76
Atlanta	304.00	305.05	299.77	40.0	37.8	37.1	7.60	8.07	8.08
Savannah	370.92	373.12	392.93	44.0	42.4	44.6	8.43	8.80	8.81
HAWAII	252.35	291.40	314.19	37.1	37.6	37.9	7.88	7.75	8.29
Honolulu	290.34	283.73	311.54	36.3	36.8	37.4	7.99	7.71	8.33
IDAHO	332.64	340.43	337.94	39.6	37.7	37.3	8.40	9.03	9.06
Boise City	297.65	305.40	321.10	39.9	37.9	38.0	7.46	8.05	8.45
ILLINOIS	361.69	371.70	370.83	39.9	39.5	39.2	9.07	9.41	9.46
Bloomington—Normal	338.00	333.63	334.50	40.0	38.7	37.5	8.45	8.75	8.92
Champaign—Urbana—Rantoul	334.06	331.36	344.08	40.2	38.0	39.1	8.31	8.72	8.80
Chicago SMSA	329.73	357.90	358.27	39.3	39.2	38.9	8.39	9.13	9.21
Davenport—Rock Island—Moline	453.93	449.92	447.70	40.1	37.4	37.0	11.32	12.03	12.10
Decatur	440.99	452.18	464.07	40.2	39.7	39.8	10.97	11.39	11.66
Kankakee	299.30	310.58	305.70	37.6	37.6	37.1	7.96	8.26	8.24
Peoria	477.10	479.81	474.00	39.3	37.9	37.5	12.14	12.66	12.64
Rockford	368.45	376.28	388.65	40.4	40.2	40.4	9.12	9.41	9.62
Springfield	413.24	449.90	455.67	41.2	41.2	41.5	10.03	10.92	10.98
INDIANA	383.25	383.77	385.93	40.3	39.2	39.3	9.51	9.79	9.82
Gary—Hammond—East Chicago	540.47	508.95	(*)	41.8	37.7	(*)	12.93	13.50	(*)
Indianapolis	386.63	382.08	(*)	41.0	39.8	(*)	9.43	9.60	(*)
IOWA	386.71	380.85	401.56	39.5	38.2	39.1	9.79	9.97	10.27
Cedar Rapids	393.73	385.14	402.59	40.3	39.1	39.9	9.77	9.85	10.09
Des Moines	409.64	424.27	458.61	39.2	39.8	40.3	10.45	10.66	11.38

See footnotes at end of table.

C-12. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas—Continued

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	SEP. 1981	AUG. 1982	SEP. 1982P	SEP. 1981	AUG. 1982	SEP. 1982P	SEP. 1981	AUG. 1982	SEP. 1982P
IOWA—Continued									
Dubuque	$408.48	$415.94	$421.76	38.8	38.8	38.8	$11.10	$10.72	$10.87
Sioux City	288.89	353.13	384.09	37.6	39.5	41.3	7.63	8.94	9.30
Waterloo—Cedar Falls	495.48	479.50	496.13	38.8	36.8	37.5	12.77	13.03	13.23
KANSAS	331.20	349.84	355.32	40.0	39.8	39.7	8.28	8.79	8.95
Topeka	372.05	331.01	366.83	40.2	38.4	39.7	9.27	8.62	9.24
Wichita	359.38	392.35	386.80	40.7	40.2	40.0	8.83	9.76	9.67
KENTUCKY	313.95	321.86	322.87	39.0	38.5	38.3	8.05	8.36	8.43
Lexington—Fayette	320.54	377.46	379.73	38.9	40.5	40.7	8.24	9.32	9.33
Louisville	382.45	379.64	392.44	40.3	39.3	39.6	9.49	9.66	9.91
LOUISIANA	371.00	375.65	383.33	42.4	39.5	39.6	8.75	9.51	9.68
Baton Rouge	468.78	466.02	458.20	42.5	40.7	39.5	11.03	11.45	11.60
New Orleans	347.79	354.92	349.87	40.3	38.0	37.3	8.63	9.34	9.38
Shreveport	338.84	341.42	346.33	42.0	39.7	39.9	8.02	8.60	8.68
MAINE	276.98	291.13	296.75	40.2	40.1	40.1	6.89	7.26	7.45
Lewiston—Auburn	209.24	225.55	229.36	37.1	38.1	38.1	5.64	5.92	6.02
Portland	249.66	278.36	280.74	38.0	38.5	38.3	6.57	7.23	7.33
MARYLAND	345.31	336.57	343.59	39.6	39.0	39.0	8.72	8.63	8.81
Baltimore	367.84	364.05	370.40	40.6	39.7	39.7	9.06	9.17	9.33
MASSACHUSETTS	279.27	300.29	299.93	39.5	39.1	38.7	7.07	7.68	7.75
Boston	300.62	320.69	326.17	39.4	39.3	38.6	7.63	8.16	8.45
Brockton	228.34	239.51	239.15	39.1	37.6	37.9	5.84	6.37	6.31
Fall River	213.53	213.89	210.02	37.2	36.5	35.9	5.74	5.86	5.85
Lawrence—Haverhill	291.60	308.50	307.68	40.0	39.4	38.8	7.44	7.83	7.93
Lowell	263.86	248.29	259.91	40.1	36.3	36.3	6.58	6.84	7.16
New Bedford	234.62	250.56	259.82	37.3	36.0	37.6	6.29	6.96	6.91
Springfield—Chicopee—Holyoke	289.87	307.60	306.88	41.0	40.0	39.7	7.07	7.69	7.73
Worcester	291.56	299.52	300.67	39.4	38.4	38.4	7.40	7.80	7.83
MICHIGAN	413.31	449.13	432.56	38.6	40.1	38.2	10.70	11.21	11.34
Ann Arbor	472.89	461.45	485.77	41.9	39.2	39.7	11.28	11.77	12.25
Battle Creek	445.74	468.78	443.88	41.1	39.9	37.7	10.84	11.76	11.79
Bay City	377.49	388.09	405.92	40.5	40.1	41.9	9.33	9.69	9.70
Detroit	450.11	479.25	472.60	39.6	40.7	39.8	11.35	11.76	11.88
Flint	437.65	532.78	465.58	35.3	40.2	35.2	12.38	13.26	13.23
Grand Rapids	338.38	367.38	355.49	38.3	39.2	37.5	8.84	9.37	9.48
Jackson	402.73	409.81	378.74	42.2	41.3	38.6	9.55	9.92	9.81
Kalamazoo—Portage	374.12	409.36	391.22	37.8	39.8	38.0	9.89	10.30	10.30
Lansing—East Lansing	462.80	469.48	423.79	36.7	39.3	34.2	12.62	11.95	12.38
Muskegon—Norton Shores—Muskegon Heights	354.87	383.28	368.96	38.9	39.7	38.2	9.13	9.66	9.67
Saginaw	437.93	507.17	472.89	35.9	39.4	36.1	12.19	12.88	13.11
MINNESOTA	331.63	352.94	353.21	39.2	38.7	38.9	8.46	9.12	9.08
Duluth—Superior	353.38	336.91	339.95	40.9	34.1	34.2	8.64	9.88	9.94
Minneapolis—St. Paul	353.70	375.96	377.10	39.3	39.0	39.2	9.00	9.64	9.62
St. Cloud	253.92	262.74	267.72	34.5	33.3	34.5	7.36	7.89	7.76
MISSISSIPPI	236.94	250.38	248.58	39.3	39.0	38.6	6.08	6.42	6.44
Jackson	262.10	273.34	278.78	40.2	39.5	39.6	6.52	6.92	7.04
MISSOURI	311.22	324.02	325.46	39.0	38.3	38.2	7.98	8.46	8.52
Kansas City	351.74	353.64	363.85	39.3	37.9	38.3	8.95	9.41	9.50
St. Joseph	276.57	330.61	299.06	38.2	38.1	38.0	7.24	7.89	7.87
St. Louis	360.53	376.75	373.81	39.1	38.8	38.3	9.22	9.71	9.76
Springfield	292.58	295.18	297.21	40.3	39.2	38.8	7.26	7.53	7.66
MONTANA	364.59	406.81	398.38	39.5	40.6	40.2	9.23	10.02	9.91
NEBRASKA	330.33	333.78	345.47	40.0	39.5	40.5	8.25	8.45	8.53
Lincoln	306.05	313.82	340.33	38.4	38.0	39.9	7.97	8.39	8.68
Omaha	342.76	355.67	381.42	40.3	39.3	39.2	8.53	9.05	9.22
NEVADA	346.23	337.69	328.19	38.3	38.2	37.0	9.04	8.84	8.87
Las Vegas	470.60	414.26	(*)	41.1	38.5	(*)	11.45	10.76	(*)

See footnotes at end of table.

C-12. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas—Continued

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	SEP. 1981	AUG. 1982	SEP. 1982P	SEP. 1981	AUG. 1982	SEP. 1982P	SEP. 1981	AUG. 1982	SEP. 1982P
NEW HAMPSHIRE	$257.94	$276.80	$275.97	39.5	39.6	39.2	$6.53	$6.99	$7.04
Manchester	237.15	261.60	268.11	38.5	40.0	40.5	6.16	6.54	6.62
Nashua	288.29	311.59	314.34	39.6	38.9	39.0	7.28	8.01	8.06
NEW JERSEY	330.44	343.08	348.00	40.5	39.8	40.0	8.15	8.62	8.70
Atlantic City	275.94	266.26	264.41	40.2	38.7	38.6	6.86	6.88	6.85
Camden [1]	320.90	340.63	354.64	39.0	38.6	39.1	8.22	8.98	9.07
Hackensack [1]	291.95	302.54	305.74	40.6	39.6	39.4	7.19	7.65	7.76
Jersey City [1]	307.67	325.91	336.07	39.8	39.6	40.2	7.73	8.23	8.36
New Brunswick—Perth Amboy—Sayreville [1]	404.89	395.23	397.94	43.1	40.7	40.4	9.39	9.71	9.85
Newark [1]	338.59	345.93	351.35	40.9	39.4	39.7	8.23	8.78	8.85
Paterson—Clifton—Passaic [1]	311.43	314.38	316.57	41.0	39.2	38.7	7.59	8.02	8.18
Trenton	320.02	347.11	333.98	38.6	39.4	38.7	8.29	8.81	8.63
NEW MEXICO	262.02	266.17	268.93	37.7	38.8	38.2	6.95	6.86	7.04
Albuquerque	268.97	278.48	312.86	38.7	38.2	38.2	6.95	7.29	8.19
NEW YORK	310.07	320.44	324.24	39.2	38.7	38.6	7.91	8.28	8.40
Albany—Schenectady—Troy	336.10	346.98	347.90	40.3	39.7	39.4	8.34	8.74	8.83
Binghamton	295.60	291.60	297.60	41.4	40.0	40.0	7.14	7.29	7.44
Buffalo	408.03	419.89	423.55	40.2	39.8	39.4	10.15	10.55	10.75
Elmira	312.73	345.46	339.55	40.3	39.8	39.3	7.76	8.68	8.64
Monroe County [1]	417.38	439.56	442.13	40.8	40.7	40.6	10.23	10.80	10.89
Nassau—Suffolk [1]	300.45	319.16	325.51	39.9	39.5	39.6	7.53	8.08	8.22
New York—Northeastern New Jersey	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
New York and Nassau—Suffolk [1]	266.46	281.23	286.04	37.6	37.2	37.1	7.14	7.56	7.71
New York SMSA [1]	259.04	270.10	275.18	36.9	36.5	36.4	7.02	7.40	7.56
New York City [1]	255.76	267.89	270.05	36.8	36.3	36.2	6.95	7.38	7.46
Poughkeepsie	330.24	338.48	330.54	43.0	42.9	42.0	7.68	7.89	7.87
Rochester	387.32	413.71	413.70	40.6	40.6	40.4	9.54	10.19	10.24
Rockland County [1]	306.48	332.02	330.40	39.7	39.2	39.1	7.72	8.47	8.45
Syracuse	343.56	345.71	362.60	40.8	39.6	40.2	8.42	8.73	9.02
Utica—Rome	296.91	313.62	296.32	39.8	39.8	37.7	7.46	7.88	7.86
Westchester County [1]	276.40	287.04	300.44	37.1	37.4	37.0	7.45	7.14	8.12
NORTH CAROLINA	234.30	241.81	242.44	38.6	38.2	38.0	6.07	6.33	6.38
Asheville	234.23	241.86	242.35	39.7	39.2	38.9	5.90	6.17	6.23
Charlotte—Gastonia	232.20	240.24	241.42	38.7	38.9	38.2	6.00	6.33	6.32
Greensboro—Winston-Salem—High Point	256.36	268.13	265.27	37.7	37.5	37.1	6.80	7.15	7.15
Raleigh—Durham	269.49	290.03	294.78	39.0	39.3	39.2	6.91	7.38	7.52
NORTH DAKOTA	273.33	287.21	287.27	37.7	37.3	37.7	7.25	7.70	7.62
Fargo—Moorhead	285.00	300.17	304.18	38.0	37.9	38.7	7.50	7.92	7.86
OHIO	396.88	404.40	410.25	41.0	40.0	40.3	9.68	10.11	10.18
Akron	393.31	393.56	408.04	40.8	40.2	41.3	9.64	9.79	9.88
Canton	399.40	398.09	404.82	40.1	38.5	39.0	9.96	10.34	10.38
Cincinnati	387.92	393.72	388.65	41.2	40.7	40.4	8.93	9.60	9.62
Cleveland	400.41	408.22	408.35	40.9	40.1	39.8	9.79	10.18	10.26
Columbus	354.40	372.24	377.20	40.0	39.6	40.0	8.86	9.40	9.43
Dayton	396.58	405.42	406.21	40.8	40.3	40.1	9.72	10.06	10.13
Toledo	421.41	451.67	449.45	41.6	41.4	41.5	10.13	10.91	10.83
Youngstown—Warren	485.14	441.16	468.83	41.5	37.9	39.9	11.69	11.64	11.75
OKLAHOMA	321.79	343.78	344.36	39.1	39.2	39.4	8.23	8.77	8.74
Oklahoma City	307.82	352.43	350.49	36.3	38.1	38.9	8.48	9.25	9.01
Tulsa	358.83	373.44	384.12	40.5	38.9	39.6	8.86	9.60	9.70
OREGON	361.96	378.48	395.30	37.2	38.0	39.1	9.73	9.96	10.11
Eugene—Springfield	356.85	405.41	406.36	35.9	38.5	39.3	9.94	10.53	10.34
Jackson County	346.50	371.78	(*)	37.5	39.3	(*)	9.24	9.46	(*)
Portland	385.92	384.31	(*)	39.1	37.9	(*)	9.87	10.14	(*)
Salem	288.99	270.23	(*)	33.8	34.6	(*)	8.48	7.81	(*)
PENNSYLVANIA	331.63	329.67	328.21	39.2	38.2	37.9	8.46	8.63	8.66
Allentown—Bethlehem—Easton	343.27	329.88	324.75	38.7	37.7	37.5	8.87	8.75	8.66
Altoona	270.27	284.13	284.48	37.8	38.5	38.6	7.15	7.38	7.37
Delaware Valley [1]	336.08	344.32	344.81	39.4	38.3	38.1	8.53	8.99	9.05
Erie	356.24	359.72	370.52	40.9	39.4	40.1	8.71	9.13	9.24
Harrisburg	304.19	333.20	309.64	39.2	39.2	37.9	7.76	8.50	8.17
Johnstown	328.59	286.65	297.85	37.9	33.1	35.0	8.67	8.66	8.51

See footnotes at end of table.

C-12. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas—Continued

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	SEP. 1981	AUG. 1982	SEP. 1982P	SEP. 1981	AUG. 1982	SEP. 1982P	SEP. 1981	AUG. 1982	SEP. 1982P
PENNSYLVANIA—Continued									
Lancaster	$285.53	$299.52	$298.72	38.9	38.4	38.2	$7.34	$7.80	$7.82
Northeast Pennsylvania	236.80	254.70	255.53	36.6	36.7	36.4	6.47	6.94	7.02
Philadelphia SMSA	336.63	345.22	346.62	39.6	38.4	38.3	8.50	8.99	9.05
Pittsburgh	417.77	399.00	395.49	40.6	37.5	37.1	10.29	10.64	10.66
Reading	308.49	316.01	307.10	39.0	37.8	37.0	7.91	8.36	8.30
Williamsport	301.07	313.23	315.95	39.1	39.7	39.2	7.70	7.89	8.06
York	310.49	315.19	320.39	40.8	40.1	40.3	7.61	7.86	7.95
RHODE ISLAND	242.48	251.17	252.22	39.3	37.6	38.1	6.17	6.68	6.62
Providence—Warwick—Pawtucket	241.30	246.28	251.94	39.3	37.6	38.7	6.14	6.55	6.51
SOUTH CAROLINA	251.46	260.74	259.00	39.6	38.8	38.2	6.35	6.72	6.78
Charleston—North Charleston	268.13	286.52	291.04	38.3	38.0	38.6	7.00	7.54	7.54
Columbia	240.40	250.64	248.90	38.9	38.5	38.0	6.18	6.51	6.55
Greenville—Spartanburg	254.97	243.08	248.32	40.6	38.1	38.5	6.28	6.38	6.45
SOUTH DAKOTA	303.68	321.14	273.51	41.6	42.2	38.2	7.30	7.61	7.16
Sioux Falls	421.86	458.35	319.92	44.5	48.4	36.9	9.48	9.47	8.67
TENNESSEE	273.93	281.00	284.47	39.7	39.3	39.4	6.90	7.15	7.22
Chattanooga	267.45	269.97	276.90	40.4	38.9	39.0	6.62	6.94	7.10
Knoxville	310.45	320.66	326.09	39.7	39.2	39.1	7.82	8.18	8.34
Memphis	310.90	301.41	303.42	40.8	39.4	39.0	7.62	7.65	7.78
Nashville—Davidson	311.33	318.80	317.20	41.4	40.1	39.7	7.52	7.95	7.99
TEXAS	336.17	345.32	348.53	41.4	40.2	40.2	8.12	8.59	8.67
Dallas—Fort Worth	312.29	328.80	328.72	40.4	40.0	39.7	7.73	8.22	8.28
Houston	431.87	422.84	436.60	43.8	41.7	41.7	9.86	10.14	10.47
San Antonio	240.40	243.59	244.86	40.2	39.1	38.5	5.98	6.23	6.36
UTAH	323.21	324.61	326.14	40.3	38.1	38.1	8.02	8.52	8.56
Salt Lake City—Ogden	309.91	322.63	325.20	40.3	38.5	38.9	7.69	8.38	8.36
VERMONT	277.60	294.36	292.47	39.8	39.3	39.1	6.98	7.49	7.48
Burlington	312.42	333.33	340.29	41.6	40.7	40.9	7.51	8.19	8.32
Springfield	307.69	309.29	299.12	40.7	39.2	38.3	7.56	7.89	7.81
VIRGINIA	279.97	284.79	290.19	39.6	38.8	38.9	7.07	7.34	7.46
Bristol	233.98	245.76	246.09	37.8	38.4	37.4	6.19	6.40	6.58
Lynchburg	272.28	271.10	271.52	40.1	38.4	38.9	6.79	7.06	6.98
Norfolk—Virginia Beach—Portsmouth	304.50	320.19	316.65	42.0	41.8	41.5	7.25	7.66	7.63
Northern Virginia[5]	303.24	318.80	322.39	39.9	39.9	40.4	7.60	7.99	7.98
Petersburg—Colonial Heights—Hopewell	365.40	378.50	386.72	40.6	38.9	40.2	9.00	9.73	9.62
Richmond	358.99	358.94	362.70	40.2	39.1	39.0	8.93	9.18	9.30
Roanoke	255.27	251.13	264.26	39.7	39.3	39.5	6.43	6.39	6.69
WASHINGTON	406.98	(*)	(*)	38.0	(*)	(*)	10.71	(*)	(*)
Seattle—Everett	426.66	(*)	(*)	39.0	(*)	(*)	10.94	(*)	(*)
WEST VIRGINIA	352.59	357.38	363.28	38.7	38.1	38.2	9.11	9.38	9.51
Charleston	442.37	435.72	452.09	43.2	41.3	41.4	10.24	10.55	10.92
Huntington—Ashland	396.17	392.77	392.70	38.5	36.2	35.7	10.29	10.85	11.00
Parkersburg—Marietta	367.24	423.30	404.82	40.4	41.5	39.0	9.09	10.20	10.38
Wheeling	386.61	389.04	389.16	38.7	37.3	37.6	9.99	10.43	10.35
WISCONSIN	355.75	364.21	370.55	40.1	39.4	39.7	8.88	9.23	9.33
Appleton—Oshkosh	360.66	359.85	363.53	42.0	40.5	41.2	8.59	8.89	8.83
Eau Claire	354.77	357.39	364.04	40.8	40.0	40.2	8.69	8.94	9.06
Green Bay	381.24	397.61	419.56	42.6	42.5	43.5	8.95	9.35	9.65
Janesville—Beloit	363.23	353.66	383.17	39.1	39.1	38.7	9.28	9.05	9.89
Kenosha	425.70	492.20	466.16	39.6	41.8	40.7	10.75	11.79	11.45
La Crosse	315.48	330.80	331.86	40.2	38.2	39.0	7.84	8.66	8.50
Madison	345.57	347.26	352.56	40.0	38.9	38.9	8.63	8.92	9.05
Milwaukee	385.72	413.80	413.98	39.3	39.3	39.1	9.91	10.53	10.58
Racine	376.93	362.88	399.37	39.6	37.5	39.4	9.59	9.67	10.14
WYOMING	324.01	304.61	298.70	40.3	36.7	35.1	8.04	8.30	8.51

See footnotes at end of table.

C-12. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas—Continued

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	SEP. 1981	AUG. 1982	SEP. 1982P	SEP. 1981	AUG. 1982	SEP. 1982P	SEP. 1981	AUG. 1982	SEP. 1982P
VIRGIN ISLANDS	$377.52	$404.26	$430.43	41.9	41.0	43.0	$9.01	$9.86	$10.01

[1] Revised to 1981 benchmark; not strictly comparable with previously published data.
[2] Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.
[3] Subarea of New York—Northeastern New Jersey.
[4] Subarea of Rochester Standard Metropolitan Statistical Area.
[5] Area included in New York and Nassau—Suffolk combined SMSA's.
[6] Subarea of New York Standard Metropolitan Statistical Area.
[7] Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pennsylvania.
[8] Subarea of Washington, D.C. Standard Metropolitan Statistical Area: Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park cities, and Arlington, Fairfax, Loudoun, and Prince William Counties, Virginia.

p = preliminary.
*Not available.

SOURCE: Cooperating State agencies listed on inside back cover.

D-1. Labor force and unemployment by State and selected metropolitan areas

(Numbers in thousands)

State and area	Labor force			Unemployment					
				Number			Percent of labor force		
	SEPT. 1981	AUG. 1982	SEPT. 1982P	SEPT. 1981	AUG. 1982	SEPT. 1982P	SEPT. 1981	AUG. 1982	SEPT. 1982P
ALABAMA	1,668.5	1,691.1	1,689.7	170.5	241.4	241.2	10.2	14.3	14.3
Birmingham	374.6	383.7	378.8	38.1	56.1	55.4	10.2	14.6	14.6
Huntsville	143.8	148.0	148.8	13.9	16.9	17.6	9.7	11.4	11.8
Mobile	190.1	190.7	190.5	17.9	27.6	27.7	9.4	14.5	14.5
Montgomery	121.7	121.8	120.8	11.3	14.8	13.6	9.3	12.2	11.3
Tuscaloosa	53.7	53.9	53.0	5.0	6.5	5.9	9.2	12.1	11.1
ALASKA	198.6	211.8	205.6	15.7	17.7	15.9	7.9	8.3	7.7
ARIZONA	1,262.1	1,315.2	1,341.6	76.0	147.7	142.9	6.0	11.2	10.7
Phoenix	771.2	795.1	813.8	38.2	67.9	68.2	5.0	8.5	8.4
Tucson	229.2	239.2	248.6	11.4	24.8	25.1	5.0	10.4	10.1
ARKANSAS	1,042.5	1,031.9	1,043.3	82.8	101.2	98.3	7.9	9.8	9.4
Fayetteville-Springdale	81.9	80.5	82.6	3.8	6.2	6.0	4.7	7.8	7.3
Fort Smith[1]	89.2	86.1	86.8	7.5	9.1	8.9	8.4	10.6	10.2
Little Rock—North Little Rock	199.2	199.0	200.0	14.5	16.2	15.9	7.3	8.1	7.9
Pine Bluff	41.4	40.4	41.2	3.9	4.5	4.5	9.4	11.0	10.9
CALIFORNIA[2]	11,706.8	12,303.5	12,203.5	816.7	1,249.5	1,178.2	7.0	10.2	9.7
Anaheim—Santa Ana—Garden Grove	1,142.4	1,223.1	1,301.0	51.3	96.6	94.0	4.5	7.9	7.2
Bakersfield	193.4	209.8	201.8	15.4	26.5	25.5	8.0	12.6	12.6
Fresno	312.0	310.9	330.5	24.1	38.2	34.3	7.7	12.3	10.4
Los Angeles—Long Beach[1]	3,708.0	3,778.0	3,781.0	269.0	343.0	356.0	7.3	9.1	9.4
Modesto	140.9	151.8	145.9	13.9	22.8	19.3	9.8	15.0	13.2
Oxnard—Simi Valley—Ventura	243.5	268.6	257.7	19.7	34.9	31.3	8.1	13.0	12.1
Riverside—San Bernardino—Ontario	593.4	640.6	622.9	50.6	90.1	81.5	8.5	14.1	13.1
Sacramento	487.5	521.4	505.5	36.3	58.8	52.2	7.5	11.3	10.3
Salinas—Seaside—Monterey	137.3	147.4	142.3	9.5	13.7	12.8	6.9	9.3	9.0
San Diego	782.7	832.2	811.4	53.7	91.3	85.1	6.9	11.0	10.5
San Francisco—Oakland	1,659.0	1,771.2	1,717.7	94.9	156.7	139.4	5.7	8.8	8.1
San Jose	776.1	836.9	808.2	46.0	65.6	60.5	5.9	7.8	7.5
Santa Barbara—Santa Maria—Lompoc	130.9	161.9	156.1	8.4	12.9	11.9	5.5	7.9	7.7
Santa Rosa	139.6	148.7	145.8	9.7	15.8	13.9	6.9	10.6	9.5
Stockton	182.3	185.6	186.1	15.1	25.6	22.0	8.3	13.8	11.8
Vallejo—Fairfield—Napa	132.7	142.6	137.3	9.4	16.0	14.0	7.1	11.2	10.2
COLORADO	1,540.5	1,590.1	1,587.5	75.5	114.7	120.7	4.9	7.2	7.6
Denver—Boulder	914.5	939.8	939.8	42.1	60.2	64.1	4.6	6.4	6.8
CONNECTICUT	1,582.6	1,598.4	1,598.7	88.5	105.2	103.1	5.6	6.6	6.5
Bridgeport	191.1	195.0	194.4	10.7	14.5	14.8	5.6	7.4	7.6
Hartford	382.5	386.2	389.0	20.0	24.5	24.6	5.2	6.3	6.3
New Britain	73.9	72.1	73.2	4.8	6.7	6.2	6.5	9.3	8.4
New Haven—West Haven	197.6	199.5	200.1	12.0	12.8	12.4	6.1	6.4	6.2
Stamford	122.7	124.0	124.0	4.8	4.4	4.3	3.9	3.5	3.5
Waterbury	105.5	109.0	108.6	6.8	8.9	8.9	6.4	8.1	8.2
DELAWARE	289.3	303.7	291.3	20.1	30.5	23.2	6.9	10.0	8.0
Wilmington[1]	253.5	261.4	253.3	17.4	29.1	21.5	6.9	11.1	8.5
DISTRICT OF COLUMBIA	307.2	333.7	317.2	29.8	36.8	34.0	9.7	11.0	10.7
Washington SMSA[1]	1,682.2	1,737.5	1,712.1	89.4	104.0	98.8	5.3	6.0	5.8
FLORIDA[2]	4,560.7	4,865.0	4,937.2	369.4	378.7	406.2	8.1	7.8	8.2
Daytona Beach	109.1	113.5	111.3	7.9	6.9	6.9	7.2	6.1	6.2
Fort Lauderdale—Hollywood	479.8	509.6	514.6	29.8	33.2	35.9	6.2	6.5	7.0
Fort Myers—Cape Coral	94.7	101.4	106.9	6.2	7.8	8.4	6.5	7.7	7.9
Gainsville	79.0	82.6	85.0	3.7	3.3	4.2	4.7	4.0	4.9
Jacksonville	344.9	370.3	381.2	25.7	23.0	28.2	7.5	6.2	7.4
Lakeland—Winter Haven	151.9	150.7	153.5	26.6	28.7	26.8	17.5	19.1	17.4
Melbourne—Titusville—Cocoa	125.7	132.4	133.5	11.6	9.9	10.5	9.2	7.5	7.8
Miami	827.5	880.8	890.0	64.6	68.2	73.9	7.8	7.7	8.3
Orlando	373.1	393.0	405.4	29.7	25.1	28.4	8.0	6.4	7.0
Pensacola	122.8	131.6	134.8	8.4	8.3	9.9	6.8	6.3	7.3
Sarasota	78.4	87.2	87.5	5.1	6.1	6.2	6.4	7.0	7.1
Tallahassee	87.0	93.1	91.8	4.5	4.5	4.3	5.2	4.9	4.7
Tampa—St. Petersburg	705.7	761.3	776.5	49.4	53.2	57.1	7.0	7.0	7.4
West Palm Beach—Boca Raton	274.4	289.4	292.8	24.7	26.0	26.5	9.0	9.0	9.0

See footnotes at end of table.

STATE AND AREA UNEMPLOYMENT DATA

D-1. Labor force and unemployment by State and selected metropolitan areas—Continued

(Numbers in thousands)

State and area	Labor force			Unemployment					
				Number			Percent of labor force		
	SEPT. 1981	AUG. 1982	SEPT. 1982P	SEPT. 1981	AUG. 1982	SEPT. 1982P	SEPT. 1981	AUG. 1982	SEPT. 1982P
GEORGIA	2,611.9	2,694.7	2,679.1	162.7	201.0	201.4	6.2	7.5	7.5
Albany	54.0	55.6	55.2	4.4	5.2	5.1	8.1	9.3	9.2
Atlanta	1,063.7	1,117.0	1,112.4	58.9	68.4	70.2	5.5	6.1	6.3
Augusta	133.7	138.8	140.3	11.5	12.5	14.6	8.6	9.0	10.4
Columbus[1]	89.4	90.9	87.6	7.6	8.6	8.2	8.5	9.5	9.4
Macon	106.8	110.4	110.1	6.5	7.3	7.6	6.1	6.6	6.9
Savannah	98.3	99.5	99.8	6.0	7.6	7.5	6.1	7.7	7.5
HAWAII	442.0	455.4	445.2	25.3	34.7	35.1	5.7	7.6	7.9
Honolulu	339.9	347.7	339.3	18.3	24.2	24.3	5.4	7.0	7.1
IDAHO	432.8	440.4	443.5	27.4	39.3	34.3	6.3	8.9	7.7
Boise City	88.1	90.3	92.4	4.4	5.8	5.6	5.0	6.5	6.0
ILLINOIS[1]	5,569.1	5,717.5	5,640.9	446.2	651.1	683.2	8.0	11.4	12.1
Bloomington—Normal	62.1	62.2	61.6	3.3	5.7	5.5	5.2	9.1	8.9
Champaign—Urbana—Rantoul	85.1	83.7	85.0	4.3	6.6	6.3	5.1	7.9	7.4
Chicago	3,501.5	3,592.9	3,542.9	278.5	380.6	401.5	8.0	10.6	11.3
Davenport—Rock Island—Moline[1]	188.0	192.8	200.8	15.8	26.9	31.7	8.4	13.9	15.8
Decatur	61.9	64.4	63.1	6.5	12.9	10.6	10.5	20.0	16.9
Kankakee	41.4	43.2	42.4	4.8	7.0	7.3	11.5	16.3	17.2
Peoria	174.5	178.0	179.2	12.0	26.5	28.5	6.9	14.9	15.9
Rockford	136.3	139.7	135.2	12.1	25.9	23.0	8.9	18.5	17.0
Springfield	98.5	107.7	100.2	6.0	7.2	7.7	6.1	6.7	7.7
INDIANA	2,619.2	2,562.6	2,596.6	237.6	283.2	295.9	9.1	11.1	11.4
Anderson	55.6	53.0	53.7	6.4	7.2	7.0	11.5	13.5	12.9
Elkhart	66.8	65.9	65.7	5.5	6.5	6.2	8.2	9.9	9.5
Evansville[1]	148.5	N.A.	N.A.	13.0	N.A.	N.A.	8.7	N.A.	N.A.
Fort Wayne	193.2	188.0	192.6	16.7	20.9	24.6	8.6	11.1	12.8
Gary—Hammond—East Chicago	292.2	294.8	292.8	30.5	44.3	45.6	10.4	15.0	15.6
Indianapolis	614.8	608.4	608.6	51.9	55.6	55.1	8.4	9.1	9.0
Lafayette—West Lafayette	64.1	59.9	65.3	4.1	5.2	5.5	6.3	8.8	8.4
Muncie	57.7	53.9	56.5	6.4	7.2	7.4	11.1	13.3	13.1
South Bend	134.7	132.5	134.7	10.8	12.2	13.0	8.0	9.2	9.7
Terre Haute	79.8	74.2	76.0	7.0	8.5	8.6	8.8	11.4	11.3
IOWA	1,418.5	1,370.6	1,370.2	83.2	113.3	105.1	5.9	8.3	7.7
Cedar Rapids	85.7	80.7	80.3	6.3	8.8	8.2	7.3	10.9	10.2
Des Moines	179.5	172.7	172.6	11.7	14.5	13.4	6.5	8.4	7.7
Dubuque	44.2	41.5	41.5	3.8	6.1	5.7	8.7	14.7	13.7
Sioux City[1]	54.3	52.8	54.5	3.7	4.6	4.2	6.8	8.7	7.7
Waterloo—Cedar Falls	68.2	63.1	63.6	5.1	7.0	6.7	7.4	11.1	10.5
KANSAS	1,195.1	1,169.7	1,177.8	46.1	83.1	83.1	3.9	7.1	7.1
Lawrence	35.4	32.5	34.1	1.6	1.8	1.7	4.6	5.5	4.9
Topeka	94.8	93.2	92.4	5.0	6.4	6.7	5.2	6.8	7.2
Wichita	227.2	224.0	225.7	8.9	25.8	24.5	3.9	11.5	10.8
KENTUCKY	1,671.5	1,674.8	1,711.6	115.1	183.3	182.3	6.9	10.9	10.6
Lexington—Fayette	181.5	N.A.	N.A.	8.1	N.A.	N.A.	4.5	N.A.	N.A.
Louisville[1]	429.5	N.A.	N.A.	31.7	N.A.	N.A.	7.4	N.A.	N.A.
Owensboro	43.9	N.A.	N.A.	2.8	N.A.	N.A.	6.4	N.A.	N.A.
LOUISIANA	1,887.4	1,912.5	1,915.3	149.6	213.9	202.2	7.9	11.2	10.6
Alexandria	74.6	75.0	75.4	7.5	8.6	8.1	10.0	11.4	10.8
Baton Rouge	230.5	227.6	229.7	17.5	23.4	22.2	7.6	10.3	9.6
Lafayette	94.1	100.0	101.5	4.1	6.1	5.9	4.4	6.1	5.8
Lake Charles	81.9	79.0	77.9	7.2	12.5	11.3	8.8	15.8	14.5
Monroe	56.6	55.8	56.3	5.5	7.6	6.8	9.7	13.6	12.0
New Orleans	516.2	514.4	510.0	39.7	51.7	48.9	7.7	10.1	9.6
Shreveport	167.3	163.8	163.2	12.8	17.4	16.2	7.6	10.6	9.9
MAINE	529.8	538.5	533.9	33.5	41.1	40.0	6.3	7.6	7.5
Lewiston—Auburn	38.4	38.2	37.7	2.8	3.4	3.3	7.4	8.9	8.7
Portland	90.7	94.6	93.4	4.5	5.4	5.3	5.0	5.7	5.7
MARYLAND	2,159.3	2,200.6	2,175.0	151.5	189.7	176.8	7.0	8.6	8.1
Baltimore	1,075.0	1,090.2	1,083.6	87.7	109.3	104.7	8.2	10.0	9.7

See footnotes at end of table.

D-1. Labor force and unemployment by State and selected metropolitan areas—Continued

(Numbers in thousands)

State and area	Labor force			Unemployment					
				Number			Percent of labor force		
	SEPT. 1981	AUG. 1982	SEPT. 1982P	SEPT. 1981	AUG. 1982	SEPT. 1982P	SEPT. 1981	AUG. 1982	SEPT. 1982P
MASSACHUSETTS[2]	2,939.1	3,124.3	3,064.2	195.1	238.4	225.8	6.6	7.6	7.4
Boston	1,410.4	1,502.9	1,481.5	88.7	101.7	94.5	6.3	6.8	6.4
Brockton	80.7	84.4	82.9	6.8	7.9	7.6	8.4	9.3	9.2
Fall River[1]	73.4	78.5	77.5	5.8	7.9	7.7	7.9	10.1	9.9
Lawrence—Haverhill[1]	147.9	151.9	146.3	10.4	13.3	12.8	7.0	8.8	8.7
Lowell	128.2	136.6	133.5	8.7	9.3	10.0	6.8	6.8	7.5
New Bedford	85.1	88.5	85.0	7.5	10.0	9.4	8.8	11.3	11.1
Springfield—Chicopee—Holyoke	278.8	299.3	296.5	17.6	22.3	21.5	6.3	7.4	7.2
Worcester	200.0	210.6	206.3	12.5	19.2	17.1	6.3	9.1	8.3
MICHIGAN[2]	4,295.7	4,378.8	4,306.6	459.9	637.0	624.4	10.7	14.5	14.5
Ann Arbor	139.3	146.2	144.1	10.7	16.7	15.3	7.7	11.4	10.6
Battle Creek	79.9	84.9	83.3	7.3	13.2	13.4	9.2	15.5	16.1
Bay City	53.2	56.0	54.6	5.8	7.6	7.7	10.9	13.5	14.1
Detroit	2,000.4	2,006.5	1,980.7	234.5	304.4	300.3	11.7	15.2	15.2
Flint	223.9	226.7	225.8	31.1	39.6	40.2	13.9	17.5	17.8
Grand Rapids	325.9	337.0	331.5	26.1	35.9	36.4	8.0	10.7	11.0
Jackson	65.6	67.5	66.5	6.1	10.5	10.4	9.4	15.5	15.6
Kalamazoo—Portage	140.1	141.8	141.4	10.7	14.4	15.2	7.6	10.2	10.8
Lansing—East Lansing	241.9	249.4	242.4	21.8	33.8	28.9	9.0	13.5	11.9
Muskegon—Norton Shores—Muskegon Heights	78.1	83.2	81.2	8.9	14.5	14.0	11.4	17.4	17.2
Saginaw	101.8	104.5	102.8	12.0	15.4	14.5	11.8	14.8	14.1
MINNESOTA	2,157.8	2,178.9	2,171.8	96.0	159.9	155.7	4.4	7.3	7.2
Duluth—Superior[1]	113.4	115.8	114.7	6.7	22.6	21.4	5.9	19.5	18.6
Minneapolis—St. Paul	1,155.8	1,154.8	1,160.5	47.5	74.0	75.0	4.1	6.4	6.5
Rochester	58.0	58.7	58.5	2.1	3.0	3.0	3.6	5.1	5.2
St. Cloud	74.3	77.6	77.7	4.0	6.7	6.2	5.4	8.6	8.0
MISSISSIPPI	1,062.8	1,052.7	1,064.7	82.7	132.3	130.0	7.8	12.6	12.2
Jackson	161.1	158.7	159.1	9.4	13.8	13.6	5.8	8.7	8.5
MISSOURI	2,332.2	2,351.7	2,339.1	163.1	212.0	206.1	7.0	9.0	8.8
Kansas City[1]	686.7	678.4	669.5	46.4	57.1	56.9	6.8	8.4	8.5
St. Joseph	43.7	44.7	44.6	3.6	4.5	4.8	8.2	10.2	10.8
St. Louis[1]	1,114.3	1,137.7	1,119.8	88.2	109.2	108.7	7.9	9.6	9.7
Springfield	109.1	109.3	109.6	5.9	7.6	8.2	5.4	6.9	7.4
MONTANA	386.6	389.5	387.6	22.3	30.2	28.9	5.8	7.7	7.4
Billings	58.1	60.1	60.7	2.3	3.7	3.6	3.9	6.2	5.9
Great Falls	34.0	36.0	35.1	2.2	2.8	2.7	6.5	7.9	7.7
NEBRASKA	775.4	781.9	770.8	27.9	43.3	43.1	3.6	5.5	5.6
Lincoln	112.7	108.8	110.8	3.9	5.5	5.4	3.5	5.0	4.9
Omaha[1]	284.7	279.9	280.2	14.6	18.6	20.2	5.1	6.6	7.2
NEVADA	470.7	489.7	486.8	29.2	50.1	50.4	6.2	10.2	10.4
Las Vegas	262.1	271.2	270.9	19.0	31.3	31.5	7.3	11.5	11.6
Reno	129.1	134.6	134.1	5.8	10.7	10.8	4.5	8.0	8.1
NEW HAMPSHIRE	487.6	491.4	484.3	22.2	31.7	30.5	4.5	6.5	6.3
Manchester	84.4	84.2	84.6	4.3	5.7	5.4	5.1	6.8	6.4
Nashua	84.0	83.3	83.5	3.9	5.5	5.3	4.6	6.6	6.3
NEW JERSEY	3,491.3	3,660.1	3,595.8	219.6	320.2	307.9	6.3	8.7	8.6
Atlantic City	112.7	126.4	120.7	7.2	10.4	10.7	6.4	8.2	8.9
Jersey City	235.8	245.9	243.4	22.7	31.4	31.6	9.6	12.8	13.0
Long Branch—Asbury Park	236.7	258.8	250.2	14.4	20.5	20.4	6.1	7.9	8.2
New Brunswick—Perth Amboy—Sayreville	321.4	336.6	331.0	18.4	29.3	28.1	5.7	8.7	8.5
Newark	936.1	989.5	972.3	58.9	87.0	82.1	6.3	8.8	8.4
Paterson—Clifton—Passaic	202.8	209.6	206.4	16.4	24.0	22.2	8.1	11.5	10.7
Trenton	153.4	158.2	156.8	7.7	13.1	12.8	5.0	8.3	8.2
Vineland—Millville—Bridgeton	57.3	61.0	59.3	5.5	9.1	8.9	9.6	15.0	15.1
NEW MEXICO	581.7	600.7	604.8	39.7	60.3	59.7	6.8	10.0	9.9
Albuquerque	214.3	220.5	222.6	15.7	18.9	18.8	7.3	8.6	8.4
Las Cruces	35.1	37.5	38.3	2.4	4.2	3.8	7.0	11.1	10.0

See footnotes at end of table.

STATE AND AREA UNEMPLOYMENT DATA

D-1. Labor force and unemployment by State and selected metropolitan areas—Continued

(Numbers in thousands)

State and area	Labor force			Unemployment					
				Number			Percent of labor force		
	SEPT. 1981	AUG. 1982	SEPT. 1982P	SEPT. 1981	AUG 1982	SEPT. 1982P	SEPT. 1981	AUG 1982	SEPT. 1982P
NEW YORK[2]	7,902.3	8,160.6	7,900.6	550.6	684.7	666.6	7.0	8.4	8.4
Albany—Schenectady—Troy	371.7	387.7	372.3	19.5	23.6	26.2	5.2	6.1	7.0
Binghamton[1]	138.8	145.9	141.4	7.9	10.1	10.9	5.7	6.9	7.7
Buffalo	553.1	567.7	546.5	48.9	67.4	68.1	8.8	11.9	12.5
Elmira	38.6	39.3	38.0	2.4	4.1	4.7	6.2	10.4	12.3
Nassau-Suffolk	1,301.8	1,372.8	1,317.7	74.2	80.9	90.8	5.7	5.9	6.9
New York	3,599.8	3,661.6	3,585.9	282.1	353.9	308.8	7.8	9.7	8.6
New York City[3]	2,988.0	3,019.0	2,975.0	253.0	322.0	274.0	8.5	10.7	9.2
Poughkeepsie	111.2	118.0	111.9	6.2	6.1	6.7	5.6	5.2	6.0
Rochester	468.9	491.2	471.6	25.0	30.9	35.6	5.3	6.3	7.5
Syracuse	297.5	303.9	294.8	18.1	21.7	23.6	6.1	7.1	8.0
Utica—Rome	133.6	140.1	134.2	8.3	10.9	11.3	6.2	7.8	8.4
NORTH CAROLINA	2,941.8	2,965.6	2,959.8	175.3	266.7	257.7	6.0	9.0	8.7
Asheville	90.7	93.4	91.7	5.3	7.0	6.9	5.8	7.5	7.5
Charlotte—Gastonia	376.9	380.2	379.9	20.1	28.1	26.7	5.3	7.4	7.0
Greensboro—Winston-Salem—High Point	450.7	453.3	454.9	27.3	37.5	36.3	6.1	8.3	8.0
Raleigh—Durham	312.8	313.6	320.0	10.8	14.2	14.9	3.5	4.5	4.7
NORTH DAKOTA	322.8	333.0	317.1	12.2	15.7	15.3	3.8	4.7	4.8
Fargo—Moorehead[1]	71.0	71.9	71.6	3.1	3.5	3.3	4.4	4.9	4.6
OHIO[2]	5,076.2	5,234.7	5,121.7	509.8	656.9	629.2	10.0	12.5	12.3
Akron	302.6	309.8	304.5	29.5	37.6	36.0	9.7	12.1	11.8
Canton	189.2	199.0	193.1	20.1	28.8	26.2	10.6	14.5	13.6
Cincinnati[1]	680.1	N.A.	N.A.	63.8	N.A.	N.A.	9.4	N.A.	N.A.
Cleveland	922.5	954.2	929.0	82.6	105.4	98.9	9.0	11.0	10.6
Columbus	561.3	580.3	566.2	49.4	53.6	49.7	8.8	9.2	8.8
Dayton	388.9	398.9	393.9	34.1	45.5	42.9	8.8	11.4	10.9
Toledo[1]	365.7	371.6	365.8	40.8	45.3	44.9	11.2	12.2	12.3
Youngstown—Warren	231.0	245.9	240.0	25.8	51.6	45.0	11.2	21.0	18.7
OKLAHOMA	1,465.6	1,478.0	1,475.1	49.4	84.0	86.2	3.4	5.7	5.8
Enid	30.0	29.3	29.1	.6	1.6	1.8	2.0	5.3	6.2
Lawton	34.7	33.5	33.8	1.4	1.7	1.7	4.1	5.0	5.0
Oklahoma City	455.8	464.3	465.8	15.8	21.1	23.2	3.5	4.5	5.0
Tulsa	363.2	367.2	361.6	12.3	23.6	23.9	3.4	6.4	6.6
OREGON	1,344.0	1,302.6	1,308.1	120.0	133.6	130.5	8.9	10.3	10.0
Eugene—Springfield	139.9	130.2	131.5	15.3	14.4	14.4	10.9	11.0	10.9
Portland[1]	657.3	643.1	644.1	50.7	62.4	63.6	7.7	9.7	9.9
Salem	128.7	131.7	131.9	9.5	10.7	10.1	7.4	8.1	7.6
PENNSYLVANIA[2]	5,444.4	5,593.4	5,493.2	447.6	574.9	601.4	8.2	10.3	10.9
Allentown—Bethlehem—Easton[1]	311.3	319.9	310.3	23.0	35.4	32.8	7.4	11.1	10.6
Altoona	58.8	59.6	57.3	7.3	8.2	6.1	12.4	13.8	10.6
Erie	124.7	127.4	125.6	11.7	14.2	15.6	9.4	11.1	12.4
Harrisburg	236.1	247.2	239.8	13.9	13.6	14.8	5.9	5.5	6.2
Johnstown	105.7	108.0	105.2	12.8	15.8	17.6	12.1	14.7	16.7
Lancaster	183.6	190.5	185.5	9.0	12.5	12.3	4.9	6.5	6.6
Northeast Pennsylvania	283.3	294.0	284.5	25.8	27.5	30.5	9.1	9.3	10.7
Philadelphia[1]	2,159.8	2,214.1	2,184.1	170.4	179.1	184.3	7.9	8.1	8.4
Pittsburgh	1,032.8	1,048.9	1,037.3	75.8	131.2	144.9	7.3	12.5	14.0
Reading	159.0	161.1	158.4	11.4	13.7	14.2	7.2	8.5	9.0
Williamsport	53.7	53.6	52.3	6.3	5.7	6.1	11.7	10.6	11.7
York	179.2	186.9	183.0	13.1	21.4	19.7	7.3	11.4	10.8
RHODE ISLAND	482.4	486.1	484.2	33.0	46.2	41.8	6.8	9.5	8.6
Providence—Warwick—Pawtucket[1]	475.3	478.4	476.2	32.9	47.6	42.9	6.9	10.0	9.0
SOUTH CAROLINA	1,423.1	1,483.8	1,471.9	116.6	167.7	157.2	8.2	11.3	10.7
Charleston—North Charleston	170.8	181.9	181.2	13.6	16.0	16.4	7.9	8.8	9.0
Columbia	186.0	193.8	193.2	11.3	15.7	14.0	6.1	8.1	7.2
Greenville—Spartanburg	284.0	295.4	295.4	20.0	32.7	30.1	7.0	11.1	10.2
SOUTH DAKOTA	340.6	333.3	328.5	14.3	14.3	15.2	4.2	4.3	4.6
Sioux Falls	63.0	61.4	61.4	3.0	2.3	2.6	4.8	3.7	4.2
TENNESSEE	2,125.4	2,122.1	2,166.7	175.5	235.4	246.7	8.3	11.1	11.4
Chattanooga[1]	198.3	203.7	207.1	15.3	22.5	23.9	7.7	11.0	11.5
Knoxville	226.0	232.1	234.5	15.3	17.7	19.3	6.8	7.6	8.2
Memphis[1]	412.3	407.9	417.0	34.8	38.9	40.0	8.4	9.5	9.6
Nashville—Davidson	431.1	427.9	432.5	26.5	36.1	35.2	6.2	8.4	8.1

See footnotes at end of table.

D-1. Labor force and unemployment by State and selected metropolitan areas—Continued

(Numbers in thousands)

State and area	Labor force			Unemployment					
				Number			Percent of labor force		
	SEPT. 1981	AUG. 1982	SEPT. 1982P	SEPT. 1981	AUG. 1982	SEPT. 1982P	SEPT. 1981	AUG. 1982	SEPT. 1982P
TEXAS[1]	7,140.3	7,373.7	7,311.4	384.2	518.6	587.4	5.4	7.0	8.0
Dallas—Fort Worth	1,677.4	1,759.2	1,739.4	81.8	104.8	111.2	4.9	6.0	6.4
Houston	1,695.9	1,748.7	1,730.0	80.8	122.8	142.7	4.8	7.0	8.2
San Antonio	462.8	471.6	469.5	31.2	34.2	37.1	6.7	7.2	7.9
UTAH	651.1	674.0	681.5	39.7	50.6	52.7	6.1	7.5	7.7
Salt Lake City—Ogden	425.3	439.2	441.2	26.3	32.2	33.7	6.2	7.3	7.6
VERMONT	260.2	273.7	274.2	12.3	17.2	15.6	4.7	6.3	5.7
VIRGINIA	2,611.6	2,642.7	2,648.5	145.4	191.6	194.8	5.6	7.2	7.4
Lynchburg	74.8	75.5	76.6	3.6	6.5	7.1	4.9	8.6	9.3
Newport News—Hampton	167.4	173.9	173.4	10.1	10.5	11.6	6.0	6.1	6.7
Norfolk—Virginia Beach—Portsmouth[1]	338.2	341.2	342.5	21.0	24.2	25.2	6.2	7.1	7.4
Petersburg—Colonial Heights—Hopewell	58.4	59.1	60.1	4.6	5.1	5.3	7.9	8.6	8.9
Richmond	335.4	339.1	341.6	14.3	19.2	19.3	4.3	5.7	5.7
Roanoke	110.2	112.0	111.5	6.2	7.8	7.5	5.7	7.0	6.7
WASHINGTON	1,989.2	2,006.4	2,015.0	175.1	238.4	218.9	8.8	11.9	10.9
Seattle—Everett	862.1	881.5	882.8	66.9	94.0	88.5	7.8	10.7	10.0
Spokane	148.1	147.4	149.4	13.8	18.0	17.9	9.3	12.2	12.0
Tacoma	179.8	183.6	187.3	16.9	22.5	22.4	9.4	12.2	12.0
WEST VIRGINIA	772.4	791.3	784.8	65.2	107.6	109.6	8.4	13.6	14.0
Charleston	125.6	128.2	126.0	9.2	12.5	12.2	7.3	9.7	9.7
Huntington—Ashland[1]	125.3	N.A.	N.A.	11.8	N.A.	N.A.	9.4	N.A.	N.A.
Parkersburg—Marietta[1]	73.1	75.6	74.9	6.1	9.4	9.4	8.4	12.4	12.6
Wheeling[1]	81.0	85.3	82.4	6.5	11.6	11.4	8.0	13.6	13.8
WISCONSIN	2,389.0	2,477.6	2,482.0	149.4	258.1	252.1	6.3	10.4	10.2
Appleton—Oshkosh	147.5	154.4	154.0	8.6	14.9	15.1	5.8	9.7	9.8
Eau Claire	58.2	59.9	60.5	3.5	6.1	5.3	6.0	10.2	8.8
Green Bay	92.0	97.4	97.0	6.2	9.0	8.7	6.8	9.2	8.9
Janesville—Beloit	68.3	73.6	73.2	4.5	14.3	9.7	6.6	19.4	13.2
Kenosha	59.2	60.7	63.6	4.1	5.4	6.8	7.0	8.9	10.7
LaCrosse	49.0	50.2	51.5	2.9	4.2	4.1	6.0	8.4	7.9
Madison	185.3	192.5	192.3	8.4	12.8	11.5	4.5	6.6	6.0
Milwaukee	720.6	743.2	745.3	48.8	81.9	86.0	6.8	11.0	11.5
Racine	85.2	87.1	87.1	6.4	12.9	12.1	7.5	14.8	13.9
WYOMING	258.0	259.8	254.4	8.6	14.9	14.0	3.3	5.7	5.5

[1] Includes interstate portion of area located in adjacent State.

[2] Data are obtained directly from the Current Population Survey. (See "Explanatory Notes" for State and Area Unemployment Data in Employment and Earnings, monthly.)

NOTE: Estimates for 1981 have been benchmarked to 1981 Current Population Survey annual averages. Except in the 10 States and 2 areas designated by footnote 2, estimates for 1982 are provisional and will be revised when new benchmark information becomes available. Data refer to place of residence.

p = preliminary.
N.A. = not available.

SOURCE: Current Population Survey and Cooperating State Employment Security Agencies listed on inside back cover.

Labor force and unemployment estimates for counties, cities, and other small areas have been prepared for administration of various Federal economic assistance programs and may be ordered from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. The report "Employment and Unemployment in States and Local Areas" is published monthly through GPO and is available on microfiche only on a subscription basis.

Explanatory Notes

Introduction

The statistics in this periodical are compiled from two major sources: (1) Household interviews, and (2) reports from employers.

Data based on household interviews are obtained from a sample survey of the population 16 years of age and over. The survey is conducted each month by the Bureau of the Census for the Bureau of Labor Statistics and provides comprehensive data on the labor force, the employed, and the unemployed, including such characteristics as age, sex, race, family relationship, marital status, occupation, and industry attachment. The survey also provides data on the characteristics and past work experience of those not in the labor force. The information is collected by trained interviewers from a sample of about 60,000 households, representing 629 areas in 1,148 counties and independent cities, with coverage in 50 States and the District of Columbia. The data collected are based on the activity or status reported for the calendar week including the 12th of the month.

Data based on establishment records are compiled each month from mail questionnaires by the Bureau of Labor Statistics, in cooperation with State agencies. The establishment survey is designed to provide industry information on nonagricultural wage and salary employment, average weekly hours, average hourly earnings, and average weekly earnings for the Nation, States, and metropolitan areas. The employment, hours, and earnings series are based on payroll reports from a sample of establishments employing over 30 million nonagricultural wage and salary workers. The data relate to all workers, full- or part-time, who received pay during the payroll period which includes the 12th day of the month.

RELATION BETWEEN THE HOUSEHOLD AND ESTABLISHMENT SERIES

The household and establishment data supplement one another, each providing significant types of information that the other cannot suitably supply. Population characteristics, for example, are readily obtained only from the household survey whereas detailed industrial classifications can be reliably derived only from establishment reports.

Data from these two sources differ from each other because of differences in definitions and coverage, sources of information, methods of collection, and estimating procedures. Sampling variability and response errors are additional reasons for discrepancies. The major factors which have a differential effect on levels and trends of the two series are as follows.

Employment

Coverage. The household survey definition of employment comprises wage and salary workers (including domestics and other private household workers), self-employed persons, and unpaid workers who worked 15 hours or more during the survey week in family-operated enterprises. Employment in both agricultural and nonagricultural industries is included. The payroll survey covers only wage and salary employees on the payrolls of nonagricultural establishments.

Multiple jobholding. The household approach provides information on the work status of the population without duplication, since each person is classified as employed, unemployed, or not in the labor force. Employed persons holding more than one job are counted only once and are classified according to the job at which they worked the greatest number of hours during the survey week. In the figures based on establishment reports, persons who worked in more than one establishment during the reporting period are counted each time their names appear on payrolls.

Unpaid absences from jobs. The household survey includes among the employed all persons who had jobs but were not at work during the survey week—that is, were not working but had jobs from which they were temporarily absent because of illness, bad weather, vacation, labor-management dispute, or because they were taking time off for various other reasons, even if they were not paid by their employers for the time off. In the figures based on payroll reports, persons on leave paid for by the company are included, but not those on leave without pay for the entire payroll period.

For a comprehensive discussion of the differences between household and establishment survey employment data, see Gloria P. Green's article "Comparing Employment Estimates from Household and Payroll Surveys," *Monthly Labor Review*, December 1969.

Hours of work

The household survey measures hours actually worked whereas the payroll survey measures hours paid for by employers. In the household survey data, all persons with a job but not at work are excluded from the hours distributions and the computations of average hours. In the payroll survey, production or nonsupervisory employees on paid vacation, paid holiday, or paid sick leave are included and assigned the number of hours for which they were paid during the reporting period.

Earnings

The household survey measures median earnings of wage and salary workers in all occupations and industries in both the private and public sectors. Data refer to the usual earnings received from the worker's sole or primary job. Data from the establishment survey generally refer to mean earnings of production and related workers in mining and manufacturing, construction workers in construction, and nonsupervisory employees in private service-producing industries. For a comprehensive discussion of the household survey earnings series, see "Technical Description of the Quarterly Data on Weekly Earnings from the Current Population Survey," BLS Bulletin 2113.

COMPARABILITY OF THE HOUSEHOLD DATA WITH OTHER SERIES

Unemployment insurance data. The unemployed total from the household survey includes all persons who did not have a job at all during the survey week and were looking for work or were waiting to be called back to a job from which they had been laid off, whether or not they were eligible for unemployment insurance. Figures on unemployment insurance claims, prepared by the Employment and Training Administration of the Department of Labor, exclude persons

who have exhausted their benefit rights, new workers who have not earned rights to unemployment insurance, and persons losing jobs not covered by unemployment insurance systems (some workers in agriculture, domestic services, and religious organizations, and self employed and unpaid family workers). Beginning in January 1978, coverage was extended to include domestic workers whose employers paid $1,000 or more in wages in any calendar quarter, agricultural employees whose employers engaged 10 or more workers in 20 weeks or paid a total $20,000 or more in wages in any calendar quarter, and almost all State and local government employees.

In addition, the qualifications for drawing unemployment compensation differ from the definition of unemployment used in the household survey. For example, persons with a job but not at work and persons working only a few hours during the week are sometimes eligible for unemployment compensation but are classified as employed rather than unemployed in the household survey.

For an examination of the similarities and differences between State insured unemployment and total unemployment, see "Measuring Total and State Insured Unemployment" by Gloria P. Green in the June 1971 issue of the *Monthly Labor Review*.

Agricultural employment estimates of the Department of Agriculture. The principal differences in coverage are the inclusion of persons under 16 in the Statistical Research Service (SRS) series and the treatment of dual jobholders who are counted more than once if they work on more than one farm during the reporting period. There are also wide differences in sampling techniques and collecting and estimating methods, which cannot be readily measured in terms of impact on differences in level and trend of the two series.

COMPARABILITY OF THE PAYROLL EMPLOYMENT DATA WITH OTHER SERIES

Statistics on manufactures and business, Bureau of the Census. BLS establishment statistics on employment differ from employment counts derived by the Bureau of Census from its censuses or annual sample survey of manufacturing establishments and the censuses of business establishments. The major reasons for some noncomparability are different treatment of business units considered parts of an establishment, such as central administrative offices and auxiliary units, the industrial classification of establishments, and different reporting patterns by multiunit companies. There are also differences in the scope of the industries covered, e.g., the Census of Business excludes professional services, public utilities, and financial establishments, whereas these are included in the BLS statistics.

County Business Patterns. Data in County Business Patterns (CBP), published by the Bureau of the Census, U.S. Department of Commerce, differ from BLS establishment statistics in the treatment of central administrative offices and auxiliary units. Differences may also arise because of industrial classification and reporting practices. In addition, CBP excludes interstate railroads and government, and coverage is incomplete for some of the nonprofit activities.

Employment covered by State unemployment insurance programs. Most nonagricultural wage and salary workers are covered by the unemployment insurance programs. Beginning in January 1972, coverage was expanded to include employees of small firms and selected nonprofit activities who had not been covered previously. However, certain activities, such as interstate railroads, parochial schools, and churches are not covered by unemployment insurance whereas these are included in the BLS establishment statistics. Beginning in January 1978, coverage was extended to include domestic workers whose employers paid $1,000 or more in wages in any calendar quarter, agricultural employees whose employers engaged 10 or more workers in 20 weeks or paid a total of $20,000 or more in wages in any calendar quarter, and almost all State and local government employees.

Household Data (A tables)

COLLECTION AND COVERAGE

Statistics on the employment status of the population, the personal, occupational, and other characteristics of the employed, the unemployed, and persons not in the labor force, and related data are compiled for the BLS by the Bureau of the Census in its Current Population Survey (CPS). A detailed description of this survey appears in *Concepts and Methods Used in Labor Force Statistics Derived from the Current Population Survey*, BLS Report 463. This report is available from BLS upon request.

These monthly surveys of the population are conducted with a scientifically selected sample designed to represent the civilian noninstitutional population. Respondents are interviewed to obtain information about the employment status of each member of the household 16 years of age and over. Separate statistics are also collected and published for 14- and 15-year-olds. The inquiry relates to activity or status during the calendar week, Sunday through Saturday, which includes the 12th of the month. This is known as the survey week. Actual field interviewing is conducted in the following week.

Inmates of institutions, members of the Armed Forces, and persons under 14 years of age are not covered in the regular monthly enumerations and are excluded from the population and labor force statistics shown in this report. Data on members of the Armed Forces, who are included as part of the categories "total noninstitutional population" and "total labor force," are, however, obtained from the Department of Defense.

Each month about 60,000 occupied units are eligible for interview. About 2,500 of these households are visited but interviews are not obtained because the occupants are not at home after repeated calls or are unavailable for other reasons. This represents a noninterview rate for the survey of between 4 or 5 percent. In addition to the 60,000 occupied units, there are 11,000 sample units in an average month which are visited but found to be vacant or otherwise not to be enumerated. Part of the sample is changed each month. The rotation plan provides for three-fourths of the sample to be common from 1 month to the next and one-half to be common with the same month a year earlier.

Beginning in September 1975, the sample was enlarged by 9,000 households in order to provide greater reliability for smaller States and thus permit the publication of annual statistics for all 50 States and the District of Columbia. These supplementary households were added to the national 47,000 household sample in January 1978.

Over the period November 1978 to April 1979 the sample was again enlarged by 9,000 households. These supplementary households were added to the 56,000 household sample in January 1980.

Beginning in May 1981, the sample size was cut by about 6,000 occupied housing units. The reduction did not affect the ability to

publish reliable State and local estimates and had practically no effect on the reliability of national estimates.

Beginning in January 1982, the sample was expanded by about 100 households in 15 counties. The expanded sample provides sufficient coverage of counties added to 7 of the 30 largest SMSA's redefined in 1973. The additional sample had practically no effect on the reliability of national or State estimates.

CONCEPTS

Employed persons comprise (a) all those who during the survey week did any work at all as paid employees, in their own business, profession, or farm, or who worked 15 hours or more as unpaid workers in an enterprise operated by a member of the family, and (b) all those who were not working but who had jobs or businesses from which they were temporarily absent because of illness, bad weather, vacation, labor-management dispute, or personal reasons, whether or not they were paid by their employers for the time off, and whether or not they were seeking other jobs.

Each employed person is counted only once. Those who held more than one job are counted in the job at which they worked the greatest number of hours during the survey week.

Included in the total are employed citizens of foreign countries, temporarily in the United States, who are not living on the premises of an embassy.

Excluded are persons whose only activity consisted of work around the house (such as home housework, and painting or repairing own home) or volunteer work for religious, charitable, and similar organizations.

Unemployed persons comprise all persons who did not work during the survey week, who made specific efforts to find a job within the past 4 weeks, and who were available for work during the survey week (except for temporary illness). Also included as unemployed are those who did not work at all, were available for work, and (a) were waiting to be called back to a job from which they had been laid off; or (b) were waiting to report to a new wage or salary job within 30 days.

Duration of unemployment represents the length of time (through the current survey week) during which persons classified as unemployed had been continuously looking for work. For persons on layoff, duration of unemployment represents the number of full weeks since the termination of their most recent employment. A period of 2 weeks or more during which a person was employed or ceased looking for work is considered to break the continuity of the present period of seeking work. Measurements of mean and median duration are computed from a distribution of single weeks of unemployment.

Unemployed persons by reasons for unemployment are divided into four major groups. (1) Job losers are persons whose employment ended involuntarily who immediately began looking for work and persons on layoff. (2) Job leavers are persons who quit or otherwise terminated their employment voluntarily and immediately began looking for work. (3) Reentrants are persons who previously worked at a full-time job lasting 2 weeks or longer but were out of the labor force prior to beginning to look for work. (4) New entrants are persons who never worked at a full-time job lasting 2 weeks or longer.

Jobseekers are all unemployed persons who made specific efforts to find a job, sometime during the 4-week period preceding the survey week. Jobseekers do not include persons unemployed because they (a) were waiting to be called back to a job from which they had been laid off or (b) were waiting to report to a new wage or salary job within 30 days. Jobseekers are grouped by the methods used to seek work, including going to a public or private employment agency or to an employer directly, seeking assistance from friends or relatives, placing or answering ads, or utilizing some "other" method. Examples of the "other" category include being on a union or professional register, obtaining assistance from a community organization, or waiting at a designated pick-up point.

The *civilian labor force* comprises the total of all civilians classified as employed or unemployed in accordance with the criteria described above. The "total labor force" also includes members of the Armed Forces stationed either in the United States or abroad.

The unemployment rate represents the number unemployed as a percent of the civilian labor force. This measure can also be computed for groups within the labor force classified by sex, age, marital status, race, occupation, industry, etc. The job-loser, job-leaver, reentrant, and new entrant rates are each calculated as a percent of the civilian labor force; the sum of the rates for the four groups thus equals the total unemployment rate.

Participation rates represent the proportion of the noninstitutional population that is in the labor force. Two types of participation rates are published. The total labor force participation rate, which is the ratio of the total labor force and the total noninstitutional population; and the civilian labor force participation rate which is the ratio of the civilian labor force and the civilian noninstitutional population. Participation rates are usually published for sex-age groups, often cross-classified by other demographic characteristics such as race and educational attainment.

Employment-population ratios represent the proportion of the total noninstitutional population that is employed.

Not in labor force includes all civilians 16 years and over who are not classified as employed or unemployed. These persons are further classified as "engaged in own home housework," in school," "unable to work" because of long-term physical or mental illness, and "other." The "other" group includes for the most part retired persons, those reported as too old to work, the voluntarily idle, and seasonal workers for whom the survey week fell in an "off" season and who were not reported as unemployed. Persons doing only incidental unpaid family work (less than 15 hours) are also classified as not in the labor force.

For persons not in the labor force, data on previous work experience, intentions to seek work again, desire for a job at the time of interview, and reasons for not looking for work are compiled on a quarterly basis. As of January 1970, the detailed questions for persons not in the labor force are asked only in those households that are in the fourth and eighth months of the sample, i.e., the "outgoing" groups, those which had been in the sample for 3 previous months and would not be in for the subsequent month. Between 1967 and 1969, the detailed not-in-labor force questions were asked of persons in the first and fifth months in the sample, i.e., the "incoming" groups.

Occupation, industry, and class of worker for the employed apply to the job held in the survey week. Persons with two or more jobs are classified in the job at which they worked the greatest number of hours during the survey week. The unemployed are classified according to their last full-time civilian job lasting 2 weeks or more. The occupation and industry groups used in the CPS are defined as in the 1970 Census of Population. Information on the detailed categories included in these groups is available upon request.

The class-of-worker breakdown specifies "wage and salary workers," subdivided into private and government workers, "self-employed workers," and "unpaid family workers." Wage and salary workers receive wages, salary, commission, tips, or pay in kind from a private employer or from a government unit. Self-employed persons are those who work for profit or fees in their own business, profession, or trade, or operate a farm. Unpaid family workers are persons working without pay for 15 hours a week or more on a farm or in a business operated by a member of the household to whom they are related by blood or marriage.

Hours of work statistics relate to the actual number of hours worked during the survey week. For example, a person who normally works 40 hours a week but who was off on the Columbus Day holiday would be reported as working 32 hours even though he/she was paid for the holiday.

For persons working in more than one job, the figures relate to the number of hours worked in all jobs during the week. However, all the hours are credited to the major job.

The distribution of employment by hours worked relates to persons "at work" during the survey week. At work data differ from data on total employment because the latter include persons in the zero-hours worked category, "with a job but not at work." Included in this latter group are persons who were on vacation, ill, involved in a labor dispute, or otherwise absent from their jobs for voluntary, noneconomic reasons.

Persons who worked 35 hours or more in the survey week are designated as working "full time," correspondingly persons who worked between 1 and 34 hours are designated as working "part time." Part-time workers are classified by their usual status at their present job (either full or part time) and by their reason for working part time during the survey week (economic or other reasons). "Economic reasons" include: Slack work, material shortages, repairs to plant or equipment, start or termination of a job during the week, and inability to find full-time work. "Other reasons" include: Labor dispute, bad weather, own illness, vacation, demands of home, housework, school, no desire for full-time work, and full-time worker only during the peak season. Persons on full-time schedules include, in addition to those working 35 hours or more, those who worked from 1 to 34 hours for noneconomic reasons and usually work full time.

The *full-time labor force* consists of persons working on full-time schedules, persons involuntarily working part-time (part time for economic reasons), and unemployed persons seeking full-time jobs. The *part-time labor force* consists of persons working part time voluntarily and unemployed persons seeking part-time work. Persons with a job but not at work during the survey week are classified according to whether they usually work full or part-time.

Labor force time lost is a measure of aggregate hours lost to the economy through unemployment and involuntary part-time employment and is expressed as a percent of potentially available aggregate hours. It is computed by assuming: (1) That unemployed persons looking for full-time work lost an average of 37.5 hours (2) that those looking for part-time work lost the average number of hours actually worked by voluntary part-time workers during the survey week, and (3) that persons on part time for economic reasons lost the difference between 37.5 hours and the actual number of hours they worked.

White and black and other are terms used to describe the race of workers. The "black-and-other category," includes all persons who identified themselves in the enumeration process to be other than white. At the time of the 1980 Census of Population, 83 percent of the black-and-other civilian noninstitutional population 16 years and over were black; the remainder were primarily American Indians, Alaskan Natives, and Asians and Pacific Islanders. The term "black" is used in this volume when the relevant data are provided exclusively for the black population.

Hispanic origin refers to persons who identified themselves in the enumeration process as Mexican, Puerto Rican living on the mainland, Cuban, Central or South American, or of other Hispanic origin or descent.

Major activity: going to school and major activity: other are terms used to describe whether the activity of young persons during the reference week is primarily one of going to school or not. Statistics on major activity are published every month in table A-7 for 16- to 21-year-olds by employment status, race, and sex, and, if unemployed, whether seeking full- or part-time work.

Vietnam-era veterans are those who served in the Armed Forces of the United States between August 5, 1964, and May 7, 1975. Tables for veterans in this volume are limited to males in the civilian noninstitutional population, i.e., veterans in institutions and females are excluded.

Nonveterans are males who never served in the Armed Forces.

The *poverty areas* classification consists of all Census geographical divisions in which 20 percent or more of the residents were poor according to the 1970 Decennial Cenus. Persons were classified as poor or nonpoor by using income thresholds adopted by a Federal interagency committee in 1969. These thresholds vary by family size, composition, and residence (farm-nonfarm). While poverty areas have a substantial concentration of low-income residents, many poor persons live outside these areas and, conversely, the areas include many people who are not poor.

The *metropolitan areas* classification consists of the total of all areas encompassed by Standard Metropolitan Statistical Areas (SMSA's). The metropolitan area total is based on the number of SMSA's as defined in the 1970 Decennial Census and does not include any subsequent additions or changes. Nonmetropolitan areas refer to the total of all areas outside SMSA's. The nonmetropolitan total is disaggregated into farm and nonfarm components.

Usual weekly earnings data are provided from responses to the question "How much does . . .USUALLY earn per week at this job before deductions?" Included are any overtime pay, commissions, or tips usually received. Data refer to the sole or primary job of wage and salary workers. The term "usual" is as perceived by the respondent. If the respondent asks for a definition of "usual," interviewers are instructed to define the term as more than half the weeks worked during the past 4 or 5 months.

A *household* consists of all persons—related family members and all unrelated persons—who occupy a housing unit. A house, an apartment, a group of rooms, or a single room are regarded as a housing unit when occupied or intended for occupancy as separate living quarters.

A *householder* is the person (or one of the persons) in whose name the housing unit is owned or rented. The term is never applied to either husbands or wives in married-couple families but only to persons in families maintained by either men or women without a spouse.

Family refers to a group of two or more persons residing together who are related by blood, marriage, or adoption; all such persons are considered as members of one family even though they may include a "subfamily," that is, a married couple or a parent-child group related by blood or marriage to the householder and sharing the living quarters. The counts of families used in this volume refer to primary families only, that is, all persons in the household who are related to the householder. Families are classified either as married-couple families or as those maintained by women or men without spouses. Data on the earnings of families exclude all those in which there is no wage or salary earner or in which the husband, wife, or other persons maintaining the family is either self-employed or in the Armed Forces.

HISTORIC COMPARABILITY

Raised lower age limit

Beginning with data for 1967, the lower age limit for official statistics on persons in the labor force was raised from 14 to 16 years. A detailed discussion of this and other definitional changes introduced at that time including estimates of their effect on the various series, is contained in "New Definitions for Employment and Unemployment" by Robert L. Stein in the February 1967 issue of *Employment and Earnings and Monthly Report on the Labor Force.*

Noncomparability of labor force levels

Before the changes introduced in 1967, the labor force data were not comparable for three earlier periods: (1) Beginning in 1953, as a result of the introduction of data from the 1950 census into the estimation procedure, population levels were raised by about 600,000; labor force, total employment, and agricultural employment by about 350,000, primarily affecting the figures for totals and males; other categories were relatively unaffected; (2) beginning in 1960, the inclusion of Alaska and Hawaii resulted in an increase of about 500,000 in the population and about 300,000 in the labor force, four-fifths of this in nonagricultural employment; other labor force categories were not appreciably affected; (3) beginning in 1962, the introduction of figures from the 1960 census reduced the population by about 50,000, labor force and employment by about 200,000; unemployment totals were

virtually unchanged. In addition, beginning in 1972, information from the 1970 census was introduced into the estimation procedures, producing an increase in the civilian noninstitutional population of about 800,000; labor force and employment totals were raised by a little more than 300,000, and unemployment levels and rates were essentially unchanged. A subsequent population adjustment based on the 1970 census was introduced in March 1973. This adjustment affected the white and black and other groups but had little effect on totals. The adjustment resulted in the reduction of nearly 300,000 in the white population and an increase of the same magnitude in the black and other population. Civilian labor force and total employment figures were affected to a lesser degree; the white labor force was reduced by 150,000, and the black and other labor force rose by about 210,000. Unemployment levels and rates were not significantly affected.

Beginning in January 1974, the methodology used to prepare independent estimates of the civilian noninstitutional population was modified to an "inflation-deflation" approach. This change in the derivation of the population estimates had its greatest impact on estimates of 20- to 24-year-old males—particularly those of the black-and-other population—but had little effect on 16 and over totals. Additional information on the adjustment procedure appears in "CPS Population Controls Derived from Inflation-Deflation Method of Estimation" in the February 1974 issue of *Employment and Earnings*.

Effective July 1975, as a result of the immigration of Vietnamese refugees into the United States, the total and black-and-other independent population controls for persons 16 years and over were adjusted upward by 76,000—30,000 males and 46,000 females. The addition of the refugees increased the black-and-other population by less than 1 percent in any age-sex group, and all of the changes were in the "other" population.

Beginning in 1978, the introduction of an expansion of the sample and revisions in the estimation procedures resulted in an increase of roughly a quarter of a million in the overall civilian labor force and employment totals; unemployment levels and rates were essentially unchanged. An explanation of the procedural changes and an indication of the differences appear in "Revisions in the Current Population Survey in January 1978" in the February 1978 issue of *Employment and Earnings*.

Beginning in October 1978, the race of the individual was determined by the household respondent for the incoming rotation group households, rather than determined by the interviewer as before. The purpose of this change was to provide more accurate estimates of characteristics by race. Thus, in October 1978, one-eighth of the sample households had race determined by the household respondent and seven-eighths of the sample households had race determined by interviewer observation. It was not until January 1980 that the entire sample had race determined by the household respondent. The new procedure had no significant effect on the estimates.

Beginning in 1979, the first-stage ratio estimation method was changed in the CPS estimation procedure. The new procedure is described in the *Estimating Methods* section. The reasoning behind the change and an indication of the differences appear in "Change in the Estimation Procedure for the Current Population Survey beginning in January 1979" in the February 1979 issue of *Employment and Earnings*. Differences between the old and new procedures exist only for metropolitan and nonmetropolitan estimates, not for the total U.S.

Beginning in January 1982, the second-stage ratio adjustment methodology was changed in the CPS estimation procedure. The new procedure is described in the *Estimating Methods* section. The purpose of the change and an indication of its effect on national estimates of labor force characteristics appear in "Revisions in the Current Population Survey in January 1982" in the February 1982 issue of *Employment and Earnings*. In addition, current population estimates used in the second-stage estimation procedure are derived from information obtained from the 1980 census, rather than the 1970 census. This change caused substantial increases in total population and estimates of persons in all labor force categories. Rates on labor force characteristics, however, remained virtually unchanged. Some 30,000 labor force series were adjusted back to 1970 to avoid major breaks in series. The adjustment procedure used is also described in the February 1982 article referenced above. The revisions did not, however, smooth out the breaks in series occurring between 1972 and 1979 that are described above, and data users should make allowances for them in making certain data comparisons.

Changes in the occupational classification system

Beginning with 1971, the comparability of occupational employment data was affected as a result of changes in census occupational classifications introduced into the Current Population Survey (CPS). These changes stemmed from an exhaustive review of the classification system to be used for the 1970 Census of Population. The purpose of this review, the most comprehensive since the 1940 census, was to reduce the size of larger groups, to be more specific about general and "not elsewhere classified" groups, and to provide information on emerging significant occupations. Differences in March 1970 employment levels tabulated on both the 1960 and 1970 classification systems ranged from a drop 650,000 in operatives to an increase of 570,000 in service workers, much of which resulted from a shift between these two groups; the nonfarm laborers group increased by 420,000, and changes in other groups amounted to 220,000 or less.

An additional major group was created by splitting the operatives category into two: Operatives, except transport, and transport equipment operatives. Separate data for these two groups first became available in January 1972. At the same time, several changes in titles, as well as in order of presentation, were introduced; for example, the title of the managers, officials, and proprietors group was changed to "managers and administrators, except farm," since only proprietors performing managerial duties are included in the category.

Apart from the effects of revisions in the occupational classification system beginning in 1971, comparability of occupational employment data was further affected in December 1971, when a question eliciting information on major activities or duties was added to the monthly CPS questionnaire in order to determine more precisely the occupational classification of individuals. This change resulted in several dramatic occupational shifts, particularly from managers and administrators to other groups. thus, meaningful comparisons of occupational levels cannot always be made for 1972 and subsequent years with earlier periods. However, revisions in the occupational classification system as well as in the CPS questionnaire are believed to have had but a negligible impact on unemployment rates.

Additional information on changes in the occupational classification system of the CPS appears in "Revisions in Occupational Classifications for 1971" and "Revisions in the Current Population Survey" in the February 1971 and February 1972 issues, respectively, of *Employment and Earnings*.

Changes in sample design

Since the inception of the survey, there have been various changes in the design of the CPS sample. Most of these changes were made in order to improve the efficiency of the sample design and/or to increase the reliability of the sample estimates.

One major change made after every decennial census is to change the sample design to make use of the recently collected census materials. Also, occasionally the sample is expanded in terms of number of sample areas and number of sample persons. In 1953, a rotation plan was introduced in which a sample unit would be interviewed for 4 months, leave the sample for 8 months, and then return to the sample for another 4 months. When Alaska and Hawaii achieved statehood, three more sample areas were added to the sample to account for the population in these States. After the 1960 census, selection of a major portion of the sample from census address lists was begun, though a portion of the sample is still collected using area

sampling. Following the 1970 census, the ultimate sampling unit was changed from a noncontiguous cluster of six housing units to a usually contiguous cluster of four housing units. In January 1978, a supplemental sample of 9,000 housing units, selected in 24 States and the District of Columbia and designed to provide more reliable annual average estimates for States, was incorporated with the existing design. A coverage improvement sample, composed of approximately 450 sample household units which represent 237,000 occupied mobile homes and 60,000 new construction house units, was included in computing the estimates beginning in October 1978 in order to provide coverage of mobile homes and new construction housing units that previously had no chance for selection in the CPS sample. In January 1980 another supplemental sample of 9,000 households selected in 32 States and the District of Columbia was added to the existing sample. A sample reduction of about 6,000 units was implemented in May 1981. In January 1982, about 100 occupied units were added to provide sufficient coverage in counties added to SMSA's which were redefined in 1973.

Table A provides a description of some aspects of the CPS sample design in use during the different data collection periods. For a more detailed account of the history of the CPS sample design, see *The Current Population Survey: Design and Methodology*, Technical Paper No. 40, Bureau of the Census, U.S. Department of Commerce, or *Concepts and Methods used in Labor Force Statistics Derived from the Current Population Survey*, BLS Report 463.

ESTIMATING METHODS

Under the estimating methods used in the CPS, all of the results for a given month become available simultaneously and are based on returns from the entire panel of respondents. The CPS estimation procedure involves weighting the data from each sample person. The basic weight, which is the inverse of the probability of the person being in the sample, is a rough measure of the number of actual persons that the sample person represents. In States supplemented in the 1978 and 1980 expansions, almost all sample persons within the sample area have the same basic weight, but the weight may differ across sample areas. The basic weight is the same for almost all sample persons in unsupplemented States. The basic weights are then adjusted for noninterview, and the ratio estimation procedure is applied.

1. Noninterview adjustment. The weights for all interviewed households are adjusted to the extent needed to account for occupied sample households for which no information was obtained because of absence, impassable roads, refusals, or unavailability of the respondent for other reasons. This adjustment is made separately by combinations of sample areas within each State and the District of Columbia, and within these, for six groups—two race categories (white, and black and other) within three residence categories. For sample areas which are Standard Metropolitan Statistical Areas (SMSA's), these residence categories are the central cities, and the urban and the rural balance of the SMSA's. For other sample areas, the residence categories are urban, rural nonfarm, and rural farm. The proportion of sample households not interviewed varies from 4 to 5 percent depending on weather, vacations, etc.

2. *Ratio estimates.* The distribution of the population selected for the sample may differ somewhat, by chance, from that of the population as a whole, in such characteristics as age, race, sex, and residence. Since these characteristics are closely correlated with labor force participation and other principal measurements made from the sample, the survey estimates can be substantially improved when weighted appropriately by the known distribution of these population characteristics. This is accomplished through two stages of ratio estimates as follows:

a. *First-stage ratio estimate.* In the CPS, a portion of the 629 sample areas is chosen to represent other areas not in the sample; the remainder of the sample areas represent only themselves. The first-stage ratio estimation procedure was designed to reduce the portion of the variance resulting from requiring sample areas to represent nonsample areas. Therefore, this procedure is not applied to sample areas which represent only themselves. The procedure is performed at two geographic levels: First, by the four census regions (Northeast, North Central, South, and West), and second, for each of the 46 States which contains nonsample areas. The procedure corrects for the differences that existed at the time of the 1970 census between the distribution by race and residence of the population in the sample areas and the known race-residence distribution in the portions of the census region or State represented by these areas. The regional adjustment is performed by metropolitan-nonmetropolitan residence and race, while the State adjustment is done by urban-rural status and race.

b. *Second-stage ratio estimate.* In this stage, the sample proportions in the categories described below are adjusted to the distribution of independent current estimates of the civilian noninstitutional population in the same categories. The second-stage ratio estimate is performed in order to increase the reliability of the estimates and is carried out in two steps. In the first step, the sample estimates are adjusted within each State and the District of Columbia to an independent control for the population 16 years and over, for the State. The second step of the adjustment is applied to all sample persons and is a weighting to nationwide independent population estimates of the civilian noninstitutional population within 68 age-sex-race groups. The entire second-stage ratio estimation procedure is iterated six times, each time beginning at the weights developed the previous time. This iteration ensures that the sample estimates both of the State population and of the national age-sex-race categories will be virtually equal to the independent population estimates. This second stage adjustment procedure incorporates changes instituted in January 1982. The nature of these changes is discussed in detail in "Revisions in the

Table A. Characteristics of the CPS sample

Time period	Number of sample areas	Households eligible		Households visited not eligible
		Interviewed	Not interviewed	
Aug. 1947 to Jan. 1954	68	21,000	500–1,000	3,000–3,500
Feb. 1954 to Apr. 1956	230	21,000	500–1,000	3,000–3,500
May 1956 to Dec. 1959	[1] 330	33,500	1,500	6,000
Jan. 1960 to Feb. 1963	[2] 333	33,500	1,500	6,000
Mar. 1963 to Dec. 1966	357	33,500	1,500	6,000
Jan. 1967 to July 1971	449	48,000	2,000	8,500
Aug. 1971 to July 1972	449	45,000	2,000	8,000
Aug. 1972 to Dec. 1977	461	45,000	2,000	8,000
Jan. 1978 to Dec. 1979	614	53,500	2,500	10,000
Jan. 1980 to Apr. 1981	629	62,200	2,800	12,000
May 1981 to present	629	57,800	2,500	11,000

[1] Beginning in May 1956, these areas were chosen to provide coverage in each State and the District of Columbia.

[2] Three sample areas were added in 1960 to represent Alaska and Hawaii after statehood.

Current Population Survey Beginning in January 1982" in the February 1982 issue of *Employment and Earnings*.

The controls by State for the civilian noninstitutional population 16 years and over are an arithmetic extrapolation of the trend in the growth of this segment of the population from the April 1, 1980 census through the lastest available July 1 estimate, adjusted as a last step to a current estimate of the U.S. population of this group. State estimates by age for July 1 are published annually in *Current Population Reports*, Series P-25. For a description of the methodology used in developing the State total, use Report 640 of that series. Descriptions of the age estimates methodology are available on request from the Chief of the Population Division, U.S. Bureau of the Census; Washington, D.C. 20233.

Beginning with the January 1982 estimates, the independent national controls used for the age-sex-race groups in the final step of the second-stage ratio adjustment are prepared by carrying forward the April 1, 1980, total population by age, race, and sex, taking account of the subsequent aging of the population, fertility, mortality, and net immigration, and then subtracting the estimate for the institutional population and Armed Forces. The April 1, 1980, total population was computed by adding together the resident population, consistent with that published for the 1980 census in *Advance Reports*, Series PHC80-V, and the Armed Forces overseas, as compiled from Department of Defense reports.

Data on births and deaths between April 1, 1980, and the estimate date are based on tabulation of vital statistics for the resident population made by the National Center for Health Statistics and data on deaths of military personnel overseas from the Department of Defense. Estimates of net civilian immigration are based on data provided by the Immigration and Naturalization Service, the Department of Defense, the Office of Personnel Management, and the Puerto Rico Planning Board. The civilian noninstitutional population for the estimate date is derived by subtracting the Armed Forces and the institutional population from the total population including Armed Forces overseas. The institutional population is computed by applying institutional proportions derived from the 1970 census to the total population, including Armed Forces overseas for the estimate date. All computations described above are performed in cells defined by single year of age, race, and sex. The independent national controls totals are then obtained by collapsing these cells into broader age groups for the population 16 years and older.

3. *Composite estimate procedure*. In deriving statistics for a given month, a composite estimating procedure is used which takes account of net changes from the previous month for continuing parts of the sample (75 percent) as well as the sample results for the current month. Almost all estimates of month-to-month change are improved by this procedure, and most estimates of levels are also improved, but to a lesser extent.

Rounding of estimates

The sums of individual items may not always equal the totals shown in the same tables because of independent rounding of totals and components to the nearest thousand. Differences, however, are insignificant.

Reliability of the estimates

There are two types of errors possible in an estimate based on a sample survey—sampling and nonsampling. The standard errors provided primarily indicate the magnitude of the sampling error. They also partially measure the effect of some nonsampling errors in response and enumeration but do not measure any systematic biases in the data.

Nonsampling errors. The full extent of nonsampling error is unknown, but special studies have been conducted to quantify some sources of nonsampling error in the CPS as discussed below. The effect of nonsampling error should be small on estimates of relative change, such as month-to-month change. Estimates of monthly levels would be more severely affected by the nonsampling error.

Nonsampling errors in surveys can be attributed to many sources, e.g., inability to obtain information about all cases in the sample, definitional difficulties, differences in the interpretation of questions, inability or unwillingness of respondents to provide correct information, inability to recall information, errors made in collection such as in recording or coding the data, errors made in processing the data, errors made in estimating values for missing data, and failure to represent all sample households and all persons within sample households (undercoverage).

Nonsampling errors occurring in the interview phase of the survey have been studied by means of a reinterview program. This program is used to estimate various sources of error as well as to evaluate and control the work of the interviewers. A random sample of each interviewer's work is inspected through reinterview at regular intervals. The results indicate, among other things, that the data published from the CPS are subject to moderate systematic biases. A description of the CPS reinterview program and some of the other results may be found in the *Current Population Survey Reinterview Program, January 1961 through December 1966*, Technical Paper No. 19, Bureau of the Census, U.S. Department of Commerce.

The effects of some components of nonsampling error in the CPS data can be examined as a result of the rotation plan used for the sample, since the level of the estimates varies by rotation group. A description of these effects appears in the article "The Effects of Rotation Group Bias on Estimates from Panel Surveys," by Barbara A. Bailar, *Journal of the American Statistical Association*, Volume 70, No. 349, March 1975.

Undercoverage in the CPS results from missed housing units and missed persons within sample households. Overall undercoverage as compared to the level of the decennial census, is about 5 percent. It is known that the CPS undercoverage varies with age, sex, and race. Generally, undercoverage is larger for males than for females, and larger for black and other races combined than for whites. Ratio estimation to independent age-sex-race population controls, as described previously, partially corrects for the biases due to survey undercoverage. However, biases exist in the estimates to the extent that missed persons in missed households or missed persons in interviewed households have different characteristics than interviewed persons in the same age-sex-race group. Further, the independent population controls used have not been adjusted for undercoverage in the 1980 census.

Additional information on nonsampling error in the CPS appears in the paper, "An Error Profile: Employment as Measured by the Current Population Survey," by Camilla Brooks and Barbara Bailar, Statistical Policy Working Paper 3, U.S. Department of Commerce, Office of Federal Statistical Policy and Standards; in the paper "The Current Population Survey: An Overview," by Marvin Thompson and Gary Shapiro, *Annals of Economic and Social Measurement, Vol. 2, April 1973;* and in the *The Current Population Survey, Design and Methodology*, Technical Paper No. 40, Bureau of the Census, U.S. Department of Commerce. This last document includes a comprehensive and up-to-date discussion of various sources of error, and describes attempts to measure them in the CPS.

Sampling error. The standard error is primarily a measure of sampling variability, that is, of the variation that occurs by chance because a sample rather than the entire population is surveyed. The sample estimate and its estimated standard error enable one to construct confidence intervals, ranges that would include the average of all possible samples with a known probability. For example, if all possible samples were selected, each of these surveyed under essentially the same general conditions and using the sample sample design, and an estimate and its estimated error were calculated from each sample, then:

same general conditions and using the same sample design, and an estimate and its estimated error were calculated from each sample, then:

1. Approximately 68 percent of the intervals from one standard error below the estimate to one standard error above the estimate would include the average result of all possible samples.
2. Approximately 90 percent of the intervals from 1.6 standard errors below the estmate to 1.6 standard errors above the estimate would include the average of all possible samples.
3. Approximately 95 percent of the intervals from 2 standard errors below the estimate to 2 standard errors above the estimate would include the average result of all possible samples.

In order to derive standard errors that would be applicable to a large number of estimates and could be prepared at a moderate cost, a number of approximations were required. First, the standard errors in this volume reflect the sample design and estimation procedures in effect prior to the expansions for State estimates. Thus, these standard errors may slightly overstate the standard errors applicable to the present design. Second, instead of computing an individual standard error for each estimate, generalized sets of standard errors were computed for various types of characteristics. This generalization yields more stable estimates of the standard errors. Consequently, the sets of standard errors provided give an indication of the order of magnitude of the standard error of an estimate rather than the precise standard error.

Tables B and C show approximate standard errors for major employment status characteristics for monthly estimates and for changes for consecutive months. These standard errors are applicable to the level of the estimates in recent months.

Tables D through H provide generalized standard errors for monthly level and month-to-month change for estimated totals, unemployment rates, and percentages. Table I contains factors for use with table H for computing standard errors, as described below, for monthly level and month-to-month change for percentages. Standard errors for intermediate values not shown in the tables may be approximated by linear interpolation. The standard error for estimated changes from one month to the next is more closely related to the monthly level for the characteristic than to the size of the specific month-to-month change itself. Thus, in order to use the generalized standard errors for month-to-month change as given in the tables of standard errors, it is necessary to obtain the monthly estimate for the characteristic. It should be noted that the tables of standard errors for month-to-month change apply only to estimates of change between two consecutive months. Estimates of change for nonconsecutive months are subject to higher standard errors. Table J contains factors for use with tables D,F,H,and I to compute approximate standard errors, as described below, for levels, labor force participation rates, and percentages as pertaining to year-to-year change of monthly estimates, quarterly averages, changes in quarterly averages, yearly averages and changes in yearly averages. Note that standard errors for changes in quarterly and yearly estimates apply only to consecutive quarters and years. For years prior to 1967, the standard errors must be adjusted due to the differences in the sample size. For years prior to 1956, the standard errors should be multiplied by 1.50 and for the 1956-66 period they should by multiplied by 1.22. Table K provides generalized standard errors for quarterly estimates of persons and families for use with the CPS earnings data.

Standard errors for estimated totals. Tables D and E provide generalized standard errors for monthly totals and for month-to-month change. The figures given in these tables are to used for the characteristics as indicated.

Illustration. Assume that in a given month the number of persons working a specific number of hours was 12,000,000, an increase of 400,000 over the previous month. Linear interpolation in the second column of table D shows that the standard error on an estimate of 12,000,000 is about 150,000. The 68 percent confidence interval as shown by these data is from 11,850,000 to 12,150,000. Therefore, a conclusion that the average estimate derived from all possible samples lies within a range computed in this way would be correct for roughly 68 percent of all possible samples. Recall that the standard error of a month-to-month change is primarily dependent on the size of the monthly estimate. Thus, using linear interpolation in the first column of table E the standard error on a month-to-month change of 400,000 when the monthly level is approximately 12,000,000 is about 111,000.

Standard errors for rates and percentages. The reliability of an estimated unemployment rate or an estimated percentage, computed using sample data for both numerator and denominator, depends on both the size of the rate or percentage and the total upon which the rate or percentage is based. Estimated rates and percentages are relatively more reliable than the corresponding estimates of the numerator of the rates or percentages; this is particularly true for percentages of 50 percent or more. As a general rule, percentages are not published when the monthly base is less than 75,000, the quarterly average base is less than 60,000, or the annual average base is less than 35,000.

Tables F and G show generalized standard errors for monthly level and month-to-month change for unemployment rates.

Generalized standard errors for estimated monthly percentages and estimated month-to-month change in percentages can be obtained through the use of the standard errors in table H and the factors in table I. First obtain the standard error from table H for the specific percentage and base. The generalized standard error is then calculated

Table B. Standard errors for major employment status categories

(In thousands)

Employment status, sex, age, and race	Standard error of-	
	Monthly level	Month-to-month change (consecutive months only)
Total, 16 years and over:		
Civilian labor force	208	161
Employed	229	175
Unemployed	122	123
Males, 20 years and over:		
Civilian labor force	113	95
Employed	131	114
Unemployed	84	85
Females, 20 years and over:		
Civilian labor force	167	124
Employed	168	128
Unemployed	71	74
Both sexes, 16-19 years:		
Civilian labor force	80	85
Employed	85	94
Unemployed	58	72
Black and other, 16 years and over:		
Civilian labor force	73	56
Employed	84	63
Unemployed	59	62
Males, 20 years and over:		
Civilian labor force	40	34
Employed	49	43
Unemployed	40	42
Females, 20 years and over:		
Civilian labor force	62	46
Employed	62	48
Unemployed	36	40
Both sexes, 16-19 years:		
Civilian labor force	33	37
Employed	31	36
Unemployed	28	30

by multiplying the standard error from table H by the appropriate factor from table I. When the numerator and denominator of the percentage are in different categories, use the factor indicated by the numerator of the percentage.

Illustration. For example, assume that in a given month 3.6 percent of a total of 90,771,000 employed persons are employed in agriculture. First the standard error on an estimate of 3.6 percent with a base of 90,771,000 is obtained from table H (0.09 percentage point). The appropriate factor from table I for the numerator of the percentage, agricultural employment, is 1.26. The generalized standard error on the estimated 3.6 percent is then approximately 0.09 x 1.26 = 0.1 percentage point.

Standard errors for year-to-year change of monthly estimates, quarterly averages, changes in quarterly averages, yearly averages and changes in yearly averages. The approximate standard errors of levels, rates and percentages involving year-to-year change of monthly estimates, quarterly averages, changes in quarterly averages, yearly averages and changes in yearly averages may be obtained by using table J in conjunction with the other tables. Standard errors for estimates of change are more closely related to the level of the estimate than to the size of the specific change. Thus, to obtain the standard error of an estimate of an average level, rate, or percentage, or an estimate of a change in level, rate, or percentage, it is first necessary to find the appropriate estimate of level. For an estimate of an average level, rate or percentage, find the standard error of this estimate. For an estimate of change in level, rate or percentage, find the standard error of the average of the two estimates affecting the change. Then, after computing the standard error by treating these estimates as monthly estimates and using the procedures above, multiply this result by a suitable factor from table J to obtain the approximate standard error for the average or change.

Illustration. For example, suppose that one is interested in the year-to-year change of a monthly unemployment rate. Let us assume that for a certain month the unemployment rate is 6.9 percent based on a total of 95,676,000 in the civilian labor force, and that a year prior to this the unemployment rate was 6.1 percent based on a total of 94,254,000 in the civilian labor force for the month. First, the standard error on the average of the two estimates, 6.5 percent with a base of 94,965,000, is obtained from table F (0.11 percentage point). The appropriate factor then from table J is 1.40. The approximate standard error on the change of 0.8 percent is then given by 0.11x1.40 = 0.15 percentage point.

The approximate standard error of levels involving year-to-year change of quarterly estimates pertaining to CPS earnings data for persons and families may be obtained by using table K in conjunction with the following formula:

$$\text{Standard error of year-to-year change} = \sqrt{\left(\begin{matrix}\text{Stand}\\ \text{ard}\\ \text{error}\end{matrix}\right)_X^2 + \left(\begin{matrix}\text{Stand}\\ \text{ard}\\ \text{error}\end{matrix}\right)_Y^2 - 2(P)\left(\begin{matrix}\text{Stand}\\ \text{ard}\\ \text{error}\end{matrix}\right)_X \left(\begin{matrix}\text{Stand}\\ \text{ard}\\ \text{error}\end{matrix}\right)_Y}$$

where X is the estimate for one quarter and Y is the estimate for another quarter. The coefficient, P, is a measure of the correlation between the estimates X and Y resulting from the presence of some of the same respondents in the sample for each estimate. For consecutive year-to-year changes of quarterly estimates, the values of P are .30 for persons (total, white, and black) and .35 for families (total, white, and black). The respective values for estimates of Hispanics are .45 and .55.

Illustration.

Assume that in a given quarter the number of women employed as full-time wage and salary workers was 27,000,000 and in the same quarter a year later their number had increased to 29,000,000. Using linear interpolation in the eighth column of table K, the standard error of an estimate of 27,000,000 is 216,000; for 29,000,000 it is 221,000. Using the above formula, the standard error of the 2,000,000, year-to-year change is:

$$\sqrt{(216{,}000)^2 + (221{,}000)^2 - 2\,(.30)\,(216{,}000)\,(221{,}000)},$$

or about 259,000.

Table C. Standard errors for unemployment rates by major characteristics

Selected categories	Standard error of-		Selected categories	Standard error of-	
	Monthly level	Consecutive month change		Monthly level	Consecutive month change
Total (all civilian workers)	0.12	0.12	OCCUPATION		
Males, 20 years and over	.15	.15			
Females, 20 years and over	.17	.18	Blue-collar workers—Continued		
Both sexes, 16-19 years	.57	.67	Craft and kindred workers	0.33	0.37
White workers	.12	.12	Operatives, except transport	.44	.50
Black (and other) workers	.46	.49	Transport equipment operatives	.70	.77
Married men, spouse present	.15	.16	Nonfarm laborers	.71	.81
Married women, spouse present	.21	.23	Service workers	.32	.36
Full-time workers	.12	.13	Farm workers	.54	.62
Part-time workers	.32	.40			
Unemployed 15 weeks and over	.06	.07	INDUSTRY		
OCCUPATION					
			Nonagricultural private wage and salary workers	.13	.13
White-collar workers	.12	.13	Construction	.59	.70
Professional and technical	.18	.20	Manufacturing	.27	.30
Managers and administrators, except farm	.20	.23	Durable goods	.37	.41
Sales workers	.36	.41	Nondurable goods	.39	.45
Clerical workers	.23	.25	Transportation and public utilities	.38	.42
Blue-collar workers	.24	.26	Wholesale and retail trade	.26	.29
			Finance and service industries	.17	.19
			Government workers	.20	.23
			Agricultural wage and salary workers	1.07	1.26

Table D. Standard errors for estimates of monthly level

(In thousands)

Estimated monthly level	Characteristic[1]								
	Agricultural employment	Labor force data other than unemployment and agricultural employment data						Unemployment	
		Total or white	Black and other	Total or white, 16-19 years	Black and other, 16-19 years	Total or white males only, or females only	Black and other males only, or females only	Total or white	Black and other
50	13	10	10	10	10	9	9	10	11
100	18	14	14	14	14	13	13	14	15
500	41	32	32	32	28	30	29	31	33
1,000	57	45	44	44	33	42	40	44	46
2,000	81	64	60	60	13	59	52	62	63
4,000	113	90	79	77	–	82	60	87	83
6,000	137	109	88	84	–	99	53	106	93
8,000	–	125	90	84	–	113	16	122	–
10,000	–	139	87	76	–	124	–	135	–
15,000	–	166	36	–	–	146	–	163	–
20,000	–	186	–	–	–	161	–	182	–
30,000	–	219	–	–	–	177	–	–	–
40,000	–	249	–	–	–	178	–	–	–
50,000	–	253	–	–	–	164	–	–	–
60,000	–	260	–	–	–	131	–	–	–
70,000	–	260	–	–	–	49	–	–	–
80,000	–	254	–	–	–	–	–	–	–
100,000	–	221	–	–	–	–	–	–	–
120,000	–	143	–	–	–	–	–	–	–

[1] When determining the standard error of an estimate for a group which is a subset of the age, sex, or race groups listed, use the standard error for the next larger group, e.g., when determining the standard error on the estimated number of employed persons age 20 to 54 years, use the column for total employed.

Table E. Standard errors for estimates of month-to-month change

(In thousands)

Estimated monthly level	Characteristic[1]							
	Labor force data other than unemployment and agricultural employment data				Unemployment			
	Total or white	Black and other	Total or white, 16-19 years	Black and other, 16-19 years	Total or white	Both sexes 16-19 years, or part-time labor force[2]	Black and other	Black and other, 16-19 years
50	8	8	12	12	11	12	12	12
100	11	11	17	17	16	17	16	17
500	24	23	37	33	35	39	36	34
1,000	34	33	52	37	48	55	49	39
2,000	47	45	70	–	68	77	65	–
4,000	66	58	89	–	93	107	80	–
6,000	81	65	96	–	110	129	–	–
8,000	93	66	93	–	123	147	–	–
10,000	103	65	78	–	132	162	–	–
15,000	123	33	–	–	145	191	–	–
20,000	130	–	–	–	146	211	–	–
30,000	163	–	–	–	–	–	–	–
40,000	179	–	–	–	–	–	–	–
50,000	189	–	–	–	–	–	–	–
60,000	194	–	–	–	–	–	–	–
70,000	195	–	–	–	–	–	–	–
80,000	191	–	–	–	–	–	–	–
100,000	179	–	–	–	–	–	–	–
120,000	119	–	–	–	–	–	–	–

[1] See footnote 1, table D.

[2] Part-time labor force for unemployment also includes persons reentering the labor force, persons who left their last job, and persons by duration of unemployment.

Table F. Standard errors for unemployment rates

Monthly base of unemployment rate (in thousands)	Monthly unemployment rate (percent)									
	1	2	5	10	15	20	25	30	35	50
50	2.05	2.88	4.49	6.18	7.36	8.25	8.93	9.46	9.85	10.36
100	1.45	2.04	3.18	4.37	5.20	5.83	6.32	6.69	6.97	7.33
500	.65	.91	1.42	1.96	2.33	2.61	2.82	2.99	3.12	3.28
1,000	.46	.65	1.01	1.38	1.65	1.84	2.00	2.12	2.21	2.32
2,000	.32	.46	.71	.98	1.17	1.31	1.42	1.50	1.56	1.64
4,000	.23	.32	.50	.69	.83	.92	1.00	1.06	1.10	1.16
6,000	.19	.26	.41	.57	.67	.75	.82	.86	.90	.94
10,000	.15	.21	.32	.44	.52	.59	.63	.67	.70	.73
20,000	.11	.15	.23	.31	.37	.41	.45	.47	.49	.51
60,000	.06	.08	.12	.17	.20	.23	.25	.26	.27	.28
100,000	.04	.06	.10	.13	.16	.18	.19	.20	.21	.22

Table G. Standard errors for month-to-month change in unemployment rates

Monthly base of unemployment rate (in thousands)	Monthly unemployment rate (percent)									
	1	2	5	10	15	20	25	30	35	50
50	2.32	3.28	5.12	7.10	8.52	9.64	10.05	11.39	11.97	12.55
100	1.64	2.32	3.62	5.02	6.02	6.81	7.11	8.05	8.39	8.87
500	.74	1.04	1.62	2.25	2.69	3.04	3.17	3.58	3.73	3.93
1,000	.52	.73	1.15	1.59	1.90	2.15	2.24	2.52	2.62	2.74
2,000	.37	.52	.81	1.12	1.34	1.51	1.57	1.76	1.83	1.89
4,000	.26	.37	.57	.79	.94	1.06	1.10	1.22	1.26	1.26
6,000	.21	.30	.47	.64	.76	.86	.89	.97	1.00	–
10,000	.16	.13	.36	.49	.59	.65	.67	.72	–	–
20,000	.11	.15	.24	.33	.39	.44	.48	.51	–	–
60,000	.06	.09	.13	.18	.21	.22	.23	–	–	–
100,000	.05	.07	.10	.13	.14	.14	–	–	–	–

Table H. Standard errors for estimated percentages and month-to-month change in percentages for labor force data

Monthly base of percentages (in thousands)	Percentage of monthly level									
	1 or 99	2 or 98	5 or 95	10 or 90	15 or 85	20 or 80	25 or 75	30 or 70	35 or 65	50
50	2.03	2.85	4.44	6.12	7.28	8.15	8.83	9.34	9.72	10.19
100	1.43	2.02	3.14	4.32	5.15	5.77	6.24	6.61	6.88	7.21
500	.64	.90	1.41	1.93	2.30	2.58	2.79	2.95	3.07	3.22
1,000	.45	.64	.99	1.37	1.63	1.82	1.97	2.09	2.17	2.28
2,000	.32	.45	.70	.97	1.15	1.29	1.40	1.48	1.54	1.61
4,000	.23	.32	.50	.68	.81	.91	.99	1.04	1.09	1.14
6,000	.19	.26	.41	.56	.66	.74	.81	.85	.89	.93
10,000	.14	.20	.31	.43	.51	.58	.62	.66	.69	.73
20,000	.10	.14	.22	.31	.36	.41	.44	.47	.49	.51
40,000	.07	.10	.16	.22	.26	.29	.31	.33	.34	.36
60,000	.06	.08	.13	.18	.21	.24	.25	.27	.28	.29
80,000	.05	.07	.11	.15	.18	.20	.22	.23	.24	.25
100,000	.05	.06	.10	.14	.16	.18	.20	.21	.22	.23
160,000	.04	.05	.08	.11	.13	.14	.16	.17	.17	.18

NOTE: The standard errors in this table must be multiplied by the factors in table I to obtain the approximate standard error for a specific characteristic.

Table I. Factors to be used with Table H to compute approximate standard errors for percentages and month-to-month change in percentages

Characteristic	Factor		Characteristic	Factor	
	Monthly level	Month-to-month change		Monthly level	Month-to-month change
Agricultural employment:			Unemployment:		
Total or full-time labor force	1.26	1.05	Part-time labor force, duration of unemployment, left last job, reentering labor force.	1.01	1.21
Part-time labor force	1.26	1.50			
Labor force data other than agricultural employment data and unemployment data:			All other unemployment characteristics:		
Total	1.00	.74	Total or white:		
Males only	.93	.84	Total	.97	1.08
Females only	.86	.75	Both sexes, 16-19 years	.97	1.21
Both sexes, 16-19 years	1.00	1.18	Black and other:		
Part-time labor force	1.00	1.18	Total	1.04	1.13
			Both sexes, 16-19 years	1.04	1.24

Table J. Factors to be used with Tables, D, F, H, and I to compute the approximate standard errors for levels, rates, and percentages for year-to-year change of monthly estimates, quarterly averages, change in quarterly averages, yearly averages and change in yearly averages

Characteristic	Factors				
	Year-to-year change of monthly estimate	Quarterly averages	Change in quarterly averages	Yearly averages	Change in yearly averages
Agricultural employment:					
Total or males	1.30	0.89	0.80	0.72	0.70
Females or teenagers (16-19 years)	1.30	.83	.80	.58	.70
Part time	1.40	.74	.80	.46	.70
Labor force data other than agricultural employment data and unemployment data:					
Total or white	1.30	.88	.88	.67	.70
Black and other or teenagers (16-19 years)	1.30	.82	.88	.57	.70
Part time	1.40	.74	.88	.46	.60
Unemployment:					
Total	1.40	.76	.88	50	.65
Part time	1.40	.69	.88	39	.54

Table K. Standard errors for estimates of quarterly level

(In thousands)

Estimated quarterly level	Characteristic								
	Total			Males				Females	
	Part-time workers	Total or full-time workers		Part-time workers	Total or full-time workers			Total, full-time, or part-time workers	
		Total or white	Black		Total	White	Black	Total or white	Black
10	5	5	5	5	5	5	5	5	5
50	11	12	12	11	12	12	12	11	11
75	13	15	15	13	15	15	15	13	13
100	15	17	17	15	17	17	17	15	15
150	19	21	21	19	21	21	21	19	19
200	22	24	24	22	24	24	24	22	21
250	24	27	27	24	27	27	27	24	24
300	26	30	30	26	30	30	29	26	26
500	34	38	38	34	38	38	37	34	33
750	42	47	46	42	47	47	45	42	41
1,000	48	54	53	48	54	54	50	48	46
1,500	59	66	63	59	66	66	59	59	56
2,000	68	76	72	68	76	76	65	68	63
2,500	76	85	79	75	84	84	69	75	69
3,000	83	93	85	82	92	92	71	82	74
5,000	107	119	100	105	117	116	64	105	85
7,500	130	145	107	127	140	138	-	127	-
10,000	149	165	102	144	157	155	-	145	-
15,000	180	198	-	187	183	179	-	173	-
20,000	205	224	-	192	199	193	-	195	-
25,000	226	244	-	207	209	199	-	211	-
30,000	224	261	-	219	212	198	-	224	-
40,000	273	286	-	236	201	174	-	242	-
50,000	296	301	-	-	-	-	-	-	-
75,000	331	304	-	-	-	-	-	-	-
100,000	343	255	-	-	-	-	-	-	-

Establishment Data
(B and C tables)

COLLECTION

Payroll reports provide current information on wage and salary employment, hours, and earnings in nonagricultural establishments, by industry and geographic location.

Federal-State cooperation

Under cooperative arrangements, responding establishments report employment, hours, and earnings data to State agencies. State agencies mail the forms to the establishments and examine the returns for consistency, accuracy, and completeness. The States use the reported data to prepare State and area series and also send the reported data to the BLS (Washington Office) for use in preparing the national series. This avoids a duplicate reporting burden on establishments, and together with the use of similar estimating techniques at the national and State levels, promotes increased comparability between estimates.

Shuttle schedules

Form BLS 790--Report on Employment, Payroll, and Hours is the name of the data collection schedule. The collection agency returns the schedule to the respondent each month so that the next month's data can be entered on the space alotted for that month. This "shuttle" procedure assures maximum comparability and accuracy of reporting, since the respondent can see the figures that have been reported for previous months.

Form BLS 790 provides for entry of data on the total number of full- and part-time workers on the payrolls of nonagricultural establishments and, for most industries, employment, payroll, and hours of production and related workers or nonsupervisory workers for pay period which includes the 12th of the month.

CONCEPTS

Industrial classification

Establishments reporting on Form BLS 790 are classified into industries on the basis of their principal product or activity determined from information on annual sales volume. Since January 1980, this information is collected on a supplement to the quarterly unemployment insurance tax reports filed by employers. For an establishment making more than one product or engaging in more than one activity, the entire employment of the establishment is included under the industry indicated by the principal product or activity.

All data on employment, hours, and earnings for the Nation and for States and areas are classified in accordance with the 1972 *Standard Industrial Classification Manual* (SICM), Office of Management and Budget. The BLS tabulates and estimates statistics which distinguish between private and public establishments, thus maintaining continuity with previously published statistics for the private and government sector.

Industry employment

Employment data, except those for the Federal Government, refer to persons on establishment payrolls who received pay for any part of the pay period which includes the 12th of the month. For Federal Government establishments, employment figures represent the number of persons who occupied positions on the last day of the calendar month. Intermittent workers are counted if they performed any service during the month.

The data exclude proprietors, the self-employed, unpaid volunteer or family workers, farm workers, and domestic workers in households. Salaried officers of corporations are included. Government employment covers only civilian employees; military personnel are excluded. Employees of the Central Intelligence and National Security Agencies are also excluded.

Persons on establishment payrolls who are on paid sick leave (when pay is received directly from the firm), on paid holiday, on paid vacation, or who work during a part of the pay period even though they are unemployed or on strike during the rest of the period are counted as employed. Not counted as employed are persons who are on layoff, on leave without pay, on strike for the entire period, or who were hired but have not yet reported during the period.

Industry hours and earnings

Average hours and earnings data are derived from reports of payrolls and hours for production and related workers in manufacturing and mining, construction workers in construction, and nonsupervisory employees in private service-producing industries.

Production and related workers include working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, trucking, hauling, maintenance, repair, janitorial, guard services, product development, auxiliary production for plant's own use (e.g., power plant), recordkeeping, and other services closely associated with the above production operation.

Construction workers include the following employees in the construction division: Working supervisors, qualified craft workers, mechanics, apprentices, helpers, laborers, etc., engaged in new work, alterations, demolition, repair, maintenance, etc., whether working at the site of contruction or working in shops or yards at jobs (such as precutting and preassembling) ordinarily performed by members of the construction trades.

Nonsupervisory employees include employees (not above the working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, physicians, lawyers, accountants, nurses, social workers, research aides, teachers, drafters, photographers, beauticians, musicians, restaurant workers, custodial workers, attendants, line installers and repairers, laborers, janitors, guards, and other employees at similar occupational levels whose services are closely associated with those of the employees listed.

Payroll covers the payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of the pay period which includes the 12th of the month. The payroll is reported before deductions of any kind, e.g., for old-age and unemployment insurance, group insurance, withholding tax, bonds, or union dues; also included is pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period); other pay not earned in the pay period reported (e.g., retroactive pay); tips; and the value of free rent, fuel, meals, or other payment in kind are excluded. "Fringe benefits" (such as health and other types of insurance, contributions to retirement, etc., paid by the employer) are also excluded.

Hours cover the hours paid for during the pay period which includes the 12th of the month for production, construction, or nonsupervisory workers. Included are hours paid for holidays, vacations, and for sick leave when pay is received directly from the firm.

Overtime hours covers hours worked by production or related workers for which overtime premiums were paid because the hours were in excess of the number of hours of either the straight-time workday or the workweek during the pay period which includes the 12th of the month. Weekend and holiday hours are included only if overtime premiums were paid. Hours for which only shift differential, hazard, incentive, or other similar types of premiums were paid are excluded.

Gross average hourly and weekly earnings. Average hourly earnings are on a "gross" basis. They reflect not only changes in basic hourly and incentive wage rates but also such variable factors as premium pay for overtime and late-shift work and changes in output of workers

paid on an incentive plan. They also reflect shifts in the number of employees between relatively high-paid and low-paid work and changes in workers' earnings in individual establishments. Averages for groups and divisions further reflect changes in average hourly earnings for individual industries.

Averages of hourly earnings differ from wage rates. Earnings are the actual return to the worker for a stated period of time; rates are the amount stipulated for a given unit of work or time. The earnings series do not measure the level of total labor costs on the part of the employer since the following are excluded: Irregular bonuses, retroactive items, payments of various welfare benefits, payroll taxes paid by employers, and earnings for those employees not covered under the production worker, construction worker, or nonsupervisory employee definitions.

Gross average weekly earnings estimates are derived by multiplying average weekly hours estimates by average hourly earnings estimates. Therefore, weekly earnings are affected not only by changes in gross average hourly earnings but also by changes in the length of the workweek. Monthly variations in such factors as proportion of part-time workers, stoppages for varying reasons, labor turnover during the survey period, and absenteeism for which employees are not paid may cause the average workweek to fluctuate.

Long-term trends of gross average weekly earnings can be affected by structual changes in the makeup of the work force. For example, persistent long-term increases in the proportion of part-time workers in retail trade and many of the services industries have reduced average workweeks in these industries and have affected the average weekly earnings series.

Average weekly hours. The workweek information relates to the average hours for which pay was received and is different from standard or scheduled hours. Such factors as unpaid absenteeism, labor turnover, part-time work, and stoppages cause average weekly hours to be lower than scheduled hours of work fo. an establishment. Group averages further reflect changes in the workweek of component industries.

Average overtime hours. The overtime hours represent that portion of the gross average weekly hours which exceeded regular hours and for which overtime premiums were paid. If an employee were to work on a paid holiday at regular rates, receiving as total compensation his or her holiday pay plus straight-time pay for hours worked that day, no overtime hours would be reported.

Since overtime hours are premium hours by definition, gross weekly hours and overtime hours do not necessarily move in the same direction from month to month; for example, overtime premiums may be paid for hours in excess of the straight-time workday although less than a full week is worked. Diverse trends at the industry-group level also may be caused by a marked change in hours for a component industry where little or no overtime was worked in both the previous and current months. In addition, such factors as stoppages, absenteeism, and labor turnover may not have the same influence on overtime hours as on gross hours.

Railroads hours and earnings. The figures for Class I railroads (excluding switching and terminal companies) are based on monthly data summarized in the M-300 report of the Interstate Commerce Commission and relate to all employees except executives, officials, and staff assistants (ICC group I) who received pay during the month. Gross average hourly earnings are computed by dividing total compensation by total hours paid for. Average weekly hours are obtained by dividing the total number of hours paid for, reduced to a weekly basis, by the number of employees, as defined above. Gross average weekly earnings are derived by multiplying average weekly hours by average hourly earnings.

"Real" earnings, or earnings in constant dollars, are calculated from the earnings averages for the current month using a deflator derived from the Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W).

Average hourly earnings excluding overtime. Average hourly earnings excluding overtime premium pay are computed by dividing the total production-worker payroll for the industry group by the sum of total production-worker hours and one-half of total overtime hours. Prior to January 1956, these data were based on the application of adjustment factors to gross average hourly earnings (as described in the *Monthly Labor Review*, May 1950, pp. 537-40). Both methods eliminate only the earnings due to overtime paid for at 1½ times the straight-time rates. No adjustment is made for other premium payment provisions, such as holiday work, late-shift work, and overtime rates other than time and one-half.

Indexes of aggregate weekly payrolls and hours. The indexes of aggregate weekly payrolls and hours are prepared by dividing the current month's aggregate by the average of the 12 monthly figures for 1977. For basic industries, the hour aggregates are the product of average weekly hours and production-worker or nonsupervisory-worker employment, and the payroll aggregates are the product of hour aggregates and average hourly earnings. At all higher levels of industry aggregation, hour and payroll aggregates are the sum of the component aggregates.

Indexes of diffusion of changes in number of employees on nonagricultural payrolls. These indexes measure the percent of industries which posted increases in employment over the specified time span. The indexes are calculated from 186 unpublished seasonally adjusted employment series (two-digit nonmanufacturing industries and three-digit manufacturing industries) covering all nonagricultural payroll employment in the private sector. A more detailed discussion of these indexes appears in "Introduction of Diffusion Indexes," in the December 1974 issue of *Employment and Earnings*.

ESTIMATING METHODS

The principal features of the procedure used to estimate employment for the establishment statistics are (1) the use of the "link relative" technique, which is a form of ratio estimation; (2) periodic adjustment of employment levels to new benchmarks; and (3) the use of size and regional stratification.

The "link relative" technique

From a sample composed of establishments reporting for both the previous and current months, the ratio of current month employment to that of the previous month is computed. This is called a "link relative." The estimates of employment (all employees, including production and nonproduction workers together) for the current month are obtained by multiplying the estimates for the previous month by these "link relatives." In addition, small bias correction factors are applied to selected employment estimates each month. The size of the bias correction factors is determined from past experience. Other features of the general procedures are described in table L.

Size and regional stratification

A number of industries are stratified by size of establishment and/or by region, and the stratified production or nonsupervisory worker data are used to weight the hours and earnings into broader industry groupings. Accordingly, the basic estimating cell for an employment, hours, or earnings series, as the term is used in the summary of computational methods in table L, may be a whole industry or a size stratum, a region stratum, or a size stratum of a region within an industry.

Benchmark adjustments

Employment estimates are compared periodically with comprehensive counts of employment which provide "benchmarks" for the

Table L. Summary of methods for computing industry statistics on employment, hours, and earnings

Item	Basic estimating cell (industry, region, size, or region/size cell)	Aggregate industry levels (divisions, groups and, where stratified, individual cells)
	Monthly data	
All employees	All-employee estimate for previous month multiplied by ratio of all employees in current month to all employees in previous month, for sample establishments which reported for both months.[1]	Sum of all-employee estimates for component cells.
Production or nonsupervisory workers, women employees	All-employee estimate for current month multiplied by (1) ratio of production or nonsupervisory workers to all employees in sample establishments for current month, (2) estimated ratio of women to all employees.[2]	Sum of production- or nonsupervisory-worker estimates, or estimates of women employees, for component cells.
Gross average weekly hours	Production- or nonsupervisory-worker hours divided by number of production or nonsupervisory workers.[2]	Average, weighted by production- or nonsupervisory-worker employment, of the average weekly hours for component cells.
Average weekly overtime hours	Production-worker overtime hours divided by number of production workers.[2]	Average, weighted by production-worker employment, of the average weekly overtime hours for component cells.
Gross average hourly earnings	Total production- or nonsupervisory-worker payroll divided by total production- or nonsuoervisory-worker hours.[2]	Average, weighted by aggregate hours, of the average hourly earnings for component cells.
Gross average weekly earnings	Product of gross average weekly hours and average hourly earnings.	Product of gross average weekly hours and average hourly earnings.
	Annual average data	
All employees, women employees, and production or nonsupervisory workers	Sum of monthly estimates divided by 12.	Sum of monthly estimates divided by 12.
Gross average weekly hours	Annual total of aggregate hours (production- or nonsupervisory-worker employment multiplied by average weekly hours) divided by annual sum of employment.	Annual total of aggregate hours for production or nonsupervisory workers divided by annual sum of employment for these workers.
Average weekly overtime hours	Annual total of aggregate overtime hours (production-worker employment multiplied by average weekly overtime hours) divided by annual sum of employment.	Annual total of aggregate overtime hours for production workers divided by annual sum of employment for these workers.
Gross average hourly earnings	Annual total of aggregate payrolls (product of production- or nonsupervisory-worker employment by weekly hours and hourly earnings) divided by annual aggregate hours.	Annual total by aggregate payrolls divided by annual aggregate hours.
Gross average weekly earnings	Product of gross average weekly hours and average hourly earnings.	Product of gross average weekly hours and average hourly earnings.

[1] The estimates result from multiplying the product shown by bias adjustment factors to compensate for the underrepresentation of newly formed enterprises in the sample and other bias sources.

[2] The sample production-worker ratio, women-worker ratio, average weekly hours, average overtime hours, and average hourly earnings are modified by a wedging technique designed to compensate for changes in the sample arising mainly from the voluntary character of the reporting. The wedging procedure accepts the advantage of continuity from the use of the matched sample, and at the same time, tapers or wedges the estimate toward the level of the latest sample average.

various nonagricultural industries, and appropriate adjustments are made as indicated. The industry estimates are currently projected from March 1981 levels. Normally, benchmark adjustments are made annually.

The primary sources of benchmark information are employment data, by industry, compiled quarterly by States agencies from reports of establishments covered under State unemployment insurance laws. These tabulations cover about 98 percent of employees on nonagricultural payrolls in the United States. Benchmark data for the residual are obtained from the records of the Social Security Administration, the Interstate Commerce Commission, and a number of other agencies in private industry or government.

The estimates for the benchmark month are compared with new benchmark levels, industry by industry. If revisions are necessary, the monthly series of estimates between benchmark periods are adjusted between the new benchmark and the preceding one, and the new benchmark for each industry is then carried forward progressively to the current month by use of the sample trends. Thus, under this procedure, the benchmark is used to establish the level of employment; the sample is used to measure the month-to-month changes in the level. A comparison of the actual amounts of revisions made at the time of the March 1981 benchmark adjustment is shown in table M.

Data for all months since the last benchmark to which the series has been adjusted are subject to revision. Revised data are published as soon as possible after each benchmark revision.

THE SAMPLE

Design

The sampling plan used in the current employment statistics program is know as "sampling proportionate to average size of establishment." This design is an optimum allocation design among strata since the sampling variance is proportional to the average size of establishments. Under this type of design, large establishments fall into the sample with certainty. The size of the sample for the various industries is determined empirically on the basis of experience and of cost considerations. In a manufacturing industry in which a high proportion of total employment is concentrated in relatively few establishments, a large percent of total employment is included in the sample. Consequently, the sample design for such industries provides for a complete census of the large establishments with only a few chosen from among the smaller establishments or none at all if the concentration of employment is great enough. On the other hand, in an industry in which a large proportion of total employment is in small establishments, the sample design calls for inclusion of all large establishments and also for a substantial number of the small ones. Many industries in the trade and services divisions fall into this category. To keep the sample to a size which can be handled by available resources, it is necessary to design samples for these industries with a smaller proportion of universe employment than is the case for most manufacturing industries. Since individual establishments in these nonmanufacturing divisions generally show less fluctuation from regular cyclical or seasonal patterns than do establishments in manufacturing industries, these smaller samples (in terms of employment) generally produce reliable estimates.

In the context of the BLS employment statistics program, with its emphasis on producing timely data at minimum cost, a sample must be obtained which will provide coverage of a sufficiently large segment of the universe to provide reasonably reliable estimates that can be published promptly and regularly. The present sample meets these specifications for most industries. With its use, the BLS is able to produce preliminary estimates each month for many industries and for many geographic levels within a few weeks after the reference period, and, at a somewhat later date, statistics in considerably greater industrial detail.

Table M. Comparison of nonagricultural employment benchmarks and estimates for March 1981

Industry division	Benchmark, March 1981	Estimate, March 1981	Percent difference
Total	90,371,000	90,720,000	-0.4
Mining	1,107,000	1,084,000	2.1
Construction	3,934,000	4,048,000	-2.9
Manufacturing	20,085,000	20,016,000	.4
Transportation and public utilities	5,102,000	5,095,000	.1
Wholesale and retail trade	20,096,000	20,290,000	-1.0
Finance, insurance, and real estate	5,239,000	5,263,000	-.5
Services	18,340,000	18,287,000	.3
Government	16,468,000	16,493,000	-.2

Coverage

The BLS sample of establishment employment and payrolls is the largest monthly sampling operation in the field of social statistics. Table N shows the approximate proportion of total employment in each industry division covered by the group of establishments furnishing monthly employment data. The coverage for individual industries within the division may vary from the proportions shown.

Reliability of the employment estimates

Although the relatively large size of the BLS establishment sample assures a high degree of accuracy, the estimates derived from it may differ from the figures that would be obtained if it were possible to take a complete census using the same schedules and procedures. As discussed under the previous section, a "link relative" technique is used to estimate employment. This requires the use of the previous month's estimate as the base in computing the current month's estimate. Thus, small sampling and response errors may cumulate over several months. To remove this accumulated error, the estimates are usually adjusted annually to new benchmarks. In addition to taking account of sampling and response errors, the benchmark revision

Table N. Approximate size and coverage of BLS employment and payrolls sample, March 1981[1]

Industry division	Number of establishments in sample	Employees	
		Number reported	Percent of total
Total	177,500	35,740,500	40
Mining	2,400	387,000	35
Construction	17,300	677,000	17
Manufacturing	45,000	10,951,000	55
Transportation and public utilities			
Railroad transportation (ICC)	37	459,500	92
Other transportation and public utilities	8,100	2,717,000	53
Wholesale and retail trade	43,900	3,398,000	17
Finance, insurance, and real estate	12,200	1,950,000	37
Services	28,700	3,787,000	21
Government			
Federal[2]	4,900	2,769,000	100
State and local	15,000	8,645,000	63

[1] Since a few establishments do not report payroll and hours information, hours and earnings estimates may be based on a slightly smaller sample than employment estimates.

[2] National estimates of Federal employment by agency are provided to BLS by the Office of Personnel Management. Detailed industry estimates for the Executive Branch, as well as State and area estimates of Federal employment, are based on a sample of 4,900 reports covering about 60 percent of employment in Federal establishments.

adjusts the estimates for changes in the industrial classification of individual establishments (resulting from changes in their product which are not reflected in the levels of estimates until the data are adjusted to new benchmarks). In fact, at the more detailed industry levels, particularly within manufacturing, changes in classification are the major cause of benchmark adjustments. Another cause of differences arises from improvements in the quality of the benchmark data. Table O presents the average percent revisions of the six most recent benchmarks (excluding the March 1973 adjustment) for major industry divisions. Detailed descriptions of individual benchmark revisions are available from the Bureau upon request.

The hours and earnings estimates for basic estimating cells are not subject to benchmark revisions, although the broader groupings may be affected slightly by changes in employment weights. The hours and earnings estimates, however, are subject to sampling errors which may be expressed as relative errors of the estimates. (A relative error is a standard error expressed as a percent of the estimate.) Relative errors for major industries are presented in table O and for individual industries with the specified number of employees in table P. The chances are about 2 out of 3 that the hours and earnings estimates from the sample would differ by a smaller percentage than the relative error from the averages that would have been obtained from a complete census.

One measure of the reliability of the employment estimates for individual industries is the root-mean-square error (RMSE). The measure is the standard deviation adjusted for the bias in estimates:

$$\text{RMSE} = \sqrt{(\text{Standard Deviation})^2 + (\text{Bias})^2}$$

If the bias is small, the chances are about 2 out of 3 that an estimate from the sample would differ from its benchmark by less than the root-mean-square error. The chances are about 19 out of 20 that the difference would be less than twice the root-mean-square error.

Table O. Average benchmark revision in employment estimates and relative errors for average weekly hours and average hourly earnings by industry division

(In percent)

Industry division	Average benchmark revision in estimates of employment[1]	Relative errors[2]	
		Average weekly hours	Average hourly earnings
Total nonagricultural employment	0.3	–	–
Total private	.3	0.1	0.2
Mining	1.3	.5	.5
Construction	2.2	.2	.3
Manufacturing	.4	.1	.1
Durable goods	.4	.1	.1
Nondurable goods	.5	.1	.1
Transportation and public utilities	.4	.7	.4
Trade	.5	.1	.2
Wholesale	.7	.2	.3
Retail	.6	.2	.2
Finance, insurance, and real estate	.5	.2	.4
Services	.7	.4	.8
Government[3]	.5	–	–

[1] The average percent revision in employment for the following benchmarks: 1971, 1974, 1978, 1979, 1980 and 1981.

[2] Relative errors relate to March 1971 data.

[3] Estimates for government are based on a total count for Federal Government and, prior to the March 1979 revision,samples for State and local government benchmarked to a quinquennial census of government conducted by the Bureau of the Census.

Approximations of the root-mean-square errors (based on the most recent benchmark revisions) of differences between final estimates and benchmarks are presented in table P.

Table P. Root-mean-square errors of differences between benchmarks and estimates of employment and average relative errors for average weekly hours and average hourly earnings

Size of employment estimate	Root-mean-square error of employment estimates[1]	Relative errors[2] (in percent)	
		Average weekly hours	Average hourly earnings
50,000	2,100	0.9	1.5
100,000	4,400	.7	1.1
200,000	7,100	.5	.9
500,000	15,200	.4	.8
1,000,000	17,100	.3	.5
2,000,000	28,500	.3	.5

[1] Assuming 12-month intervals between benchmark revisions.

[2] Relative errors relate to March 1971 data.

For the two most recent months, estimates of employment, hours, and earnings are preliminary and are so footnoted in the tables. These figures are based on less than the total sample and are revised when all the reports in the sample have been received. Table Q presents root-mean-square errors of the amounts of revisions that may be expected between the preliminary and final levels of employment and preliminary and final month-to-month changes. Revisions of preliminary hours and earnings estimates are normally not greater than 0.1 of an hour for weekly hours and 1 cent for hourly earnings.

STATISTICS FOR STATES AND AREAS

State and area employment, hours, and earnings data are collected and prepared by State agencies in cooperation with BLS.

Table Q. Errors of preliminary employment estimates

Category	Root-mean-square error of—	
	Monthly level	Month-to-month change
INDUSTRY DIVISIONS		
Total nonagricultural employment	84,000	72,000
Goods-producing	39,000	34,000
Mining	5,000	5,000
Construction	18,000	16,000
Manufacturing	31,000	28,000
Durable two-digit industries	6,300	5,700
Nondurable two-digit industries	4,200	3,900
Service-producing	63,00	57,000
Transportation and public utilities	13,000	14,000
Wholesale and retail trade	30,000	27,000
Finance, insurance, and real estate	8,000	7,000
Services	31,000	25,000
Government	50,000	38,000

NOTE: Division level data are based on differences from January 1976 through December 1981. Two-digit industry data are based on differences from January 1981 through February 1982.

The area statistics relate to metropolitan areas. Definitions for all areas are published each year in the issue of *Employment and Earnings* that contains State and area annual averages (usually the May issue). Changes in definitions are noted as they occur. Additional industry detail may be obtained from the State agencies listed on the inside back cover of each issue. These statistics are based on the same establishment reports used by BLS for preparing national estimates. For employment, the sum of the State figures may differ slightly from the equivalent official U.S. totals on a national basis, because some States have more recent benchmarks than others and because of the effects of differing industrial and geographic stratification.

For the States and the areas shown in the B and C sections of this periodical, all the annual average data for the detailed industry statistics currently published by each cooperating State agency are presented in a summary volume published annually by the BLS.

PRODUCTIVITY DATA

Tables C-9, C-10, and C-11 are compiled by the Bureau of Labor Statistics from establishment data and from estimates of compensation and gross national product supplied by the U.S. Department of Commerce and the Federal Reserve Board.

Definitions

Hours of wage and salary workers in nonagricultural establishments refer to hours paid for all employees—production workers, nonsupervisory workers, and salaried workers.

Output is the constant-dollar market value of final goods and services produced in a given period. Indexes of *output per hour* of labor input, or labor productivity, measure changes in the volume of goods and services produced per unit of labor.

Compensation per hour includes wages and salaries of employees plus employers' contributions for social insurance and private benefit plans. The data also include an estimate of wages, salaries, and supplementary payments for the self-employed, except for nonfinancial corporations, in which there are no self-employed.

Real compensation per hour is compensation per hour adjusted to eliminate the effect of changes in the Consumer Price Index for All Urban Consumers (CPI-U).

Unit labor costs measure the labor compensation cost required to produce one unit of output and are derived by dviding compensation per hour by output per hour. *Unit nonlabor payments* include profits, depreciation, interest, and indirect taxes per unit of output. They are computed by subtracting compensation of all persons from the current-dollar gross national product and dividing by output. In these tables, unit nonlabor costs contain all the components of unit nonlabor payments except unit profits. *Unit profits* include corporate profits and inventory valuation adjustments per unit of output.

The *implicit price deflator* is derived by dividing the current-dollar estimate of gross product by the constant-dollar estimate, making the deflator, in effect, a price index for gross product of the sector reported.

Notes on the data

For the private business sector and the nonfarm business sector, these indexes relate to the gross domestic product less household and institutions, owner-occupied housing, and statistical discrepancy. For the nonfinancial corporate sector, the indexes refer to the gross domestic product of nonfinancial corporate business.

Manufacturing data have been revised to reflect the revisions in the Federal Reserve Board Index of Industrial Production. Output data are supplied by the Bureau of Economic Analysis, U.S. Department of Commerce, and the Federal Reserve Board. Quarterly measures have been adjusted by the Bureau of Labor Statistics to annual estimates of output (gross product originating) from the Bureau of Economic Analysis. Compensation and hours data are from the Bureau of Economic Analysis and the Bureau of Labor Statistics.

State and Area Unemployment Data
(D table)

FEDERAL-STATE COOPERATIVE PROGRAM

Labor force and unemployment estimates for States, labor market areas (LMA's), and other areas covered under Federal assistance programs are developed by State employment security agencies under a Federal-State cooperative program. The local unemployment estimates which are derived from standardized procedures developed by BLS are the basis of determining eligibility of an areas for benefits under Federal programs such as the Comprehensive Employment and Training Act, the Public Works Employment Act, and the Public Workers and Economic Development Act.

ESTIMATING METHODS

Labor force and unemployment in 10 large States: New York, California, Illinois, Ohio, New Jersey, Pennsylvania, Michigan, Texas, Massachusetts, and Florida; and two areas: Los Angeles-Long Beach metropolitan areas and New York City, are sufficiently reliable to be used directly from the CPS. For a description of the CPS concepts see "Household Data," above.

Monthly employment and unemployment estimates in the remaining 40 States and 214 labor market areas are prepared in several stages.

1. *Preliminary estimate—employment:* The total employment estimate is based primarily on data from the survey of establishments which produces an estimate of payroll employment. This place-of-work estimate must be adjusted to refer to place of residences as used in the CPS. Factors for adjusting from place of work to place of residence have been developed for the major categories of employment by class of worker and industry on the basis of employment relationships which existed at the time of the 1970 Decennial Census. These factors are applied to the payroll employment estimates for the current period to obtain adjusted employment estimates.

2. *Preliminary estimate—unemployment:* In the current month, the estimate of unemployment is an aggregate of the estimates for each of three building block categories: (1) Persons who were previously employed in industires covered by State unemployment insurance (UI) laws; (2) those previously employed in industires not covered by these laws; and (3) those who were entering the labor force for the first time or reentering after a period of separation. This is referred to below as the UI-based estimate.

An estimate for those previously employed in covered industries is derived from a count of current employment insurance claimants, plus estimates of claimants whose benefits have been exhausted, those persons disqualified from receiving benefits for nonmonetary reasons (because they quit, were discharged for cause, etc., but would otherwise have been eligible), and persons who either filed claims late or not at all.

The estimate of those previously employed in industries not covered by UI is derived by applying to the employment estimate for each noncovered industry or class of worker subgroup in the State, the ratio of covered unemployment to covered employment weighted by factors reflecting national historical relationships.

For the third category, new entrants and reentrants into the labor force, a composite estimate is developed from equations that relate the total entrants into the labor force to the experienced unemployed and

the experienced labor force. For each month, the estimate of entrants into the labor force is a function of: (a) the month of the year; (b) the level of experienced unemployed; (c) the level of the experienced labor force; and (d) proportion of the working age population that is considered "youth." The composite estimate of total entrants is defined as :

$U = A(X + E) + BX$, where
U = total entrant unemployment
E = total employment
X = total experienced unemployment
A,B = synthetic factors incoporating seasonal variation and an assumed relationship between the proportion of youths in the working population and the historical relationship of entrants to the experienced unemployed (B factor) or the experienced labor force (A factor).

3. *Correction factors for employment and unemployment* are then applied at the State level of the UI-based estimates obtained above for each of the 40 States and the District of Columbia. These correction factors are based on the ratio of the CPS to the UI-based estimates for the 6 month period ending in the current month (e.g. a 6-month moving average).

4. *Substate adjustment for additivity.* Independent estimates of employment and unemployment are prepared both for the State (obtained directly from the CPS in the 10 large States or by the UI-based method in the remaining States), and labor market areas (LMA's) withing the State. The total of the geographic areas in the LMA's exhausts the geographic boundries of the State. A proportional adjustment is applied to all substate LMA estimates to ensure that the substate estimates of employment and unemployment add to the independent State totals. In California and New York, which also have substate areas taken directly from the CPS, the additivity adjustment for the remaining areas is applied to the State total minus the direct CPS area.

5. *Benchmark correction procedures.* Once each year monthly estimates prepared by the State employment security agencies using UI-based estimating procedures are adjusted, or benchmarked, by BLS to the annual average CPS estimates for the 40 States for which monthly CPS estimates are not available. This adjustment is necessary because the State-prepared estimates are not as reliable as the CPS annual averages due to differences in State UI laws, the structual limitations of the UI-based estimating method, and errors in the UI data.

The benchmarked estimates are produced in three stages. First, the monthly UI-based estimates are adjusted by the ratio of the CPS to the UI-based annual averages, Second, the difference between the ratio of annual averages for two consecutive years is wedged into the monthly estimates in order to minimize the distrubance to the original series. Finally, the third-stage estimates are forced into agreement with CPS annual averages. In the 10 States which use CPS estimates monthly, no benchmark correction is required, as the average of the 12 monthly State CPS estimates will equal CPS annual averages.

Seasonal Adjustment

Over the course of a year, the size of the Nation's labor force, the levels of employment and unemployment, and other measures of labor market activity undergo sharp fluctuations due to such seasonal events as changes in weather, reduced or expanded production, harvests, major holidays, and the opening and closing of schools. Because these seasonal events follow a more or less regular pattern each year, their influence on statistical trends can be eliminated by adjusting these statistics from month to month. These adjustments make it easier to observe the cyclical and other nonseasonal movements in the series. In evaluating changes in a seasonally adjusted series, it is important to note that seasonal adjustment is merely an approximation based on past experience. Seasonally adjusted estimates have a broader margin of possible error than the original data on which they are based, since they are subject not only to sampling and other errors but are also affected by the uncertainties of the seasonal adjustment process itself. Seasonally adjusted series for selected labor force and establishment data are published regularly in *Employment and Earnings*.

The seasonal adjustment program used for these series are based on an *adaptation* of the standard ratio-to-moving average method. They provide for "moving" adjustment factors to take account of changing seasonal patterns. A detailed description of the method is given in the publication, *The X-11 Variant of the Census Method II Seasonal Adjustment Program*, Technical Paper No. 15, Bureau of the Census (1967).

Beginning in January 1980, the BLS introduced two major modifications in the seasonal adjustment methodology for data from the household survey. First, the data are being seasonally adjusted with a new procedure called X-11 ARIMA, which was developed at Statistics Canada as an extension of the existing standard X-11 method. A detailed description of the procedure appears in *The X-11 ARIMA Seasonal Adjustment Method*, by Estela Bee Dagum, Statistics Canada Catalouge No. 12-564-E, February 1980. The X-11 procedure was originally developed at the Bureau of the Census and had been used by the BLS to seasonally adjust labor force series since 1973. Tests have shown that use of the X-11 ARIMA procedure, which essentially place more emphasis on recent data, provides better seasonal adjustments than does the X-11 method alone.

The second change is that seasonal factors are now being calculated for use during the first 6 months of the year rather than for the entire year. In July of each year, the BLS will calculate and publish (in *Employment and Earnings*) a new set of seasonal factors for use in the second half, based on the experience through June. Revisions of historical data for the most recent 5 years will continued to be made once a year, at the beginning of each calendar year. However, as a result of the revisions to the estimates for 1970-81 based on 1980 census population counts, revisions to seasonally adjusted series in early 1982 were carried back to 1970.

All civilian labor force and unemployment rate statistics, as well as the major employment and unemployment estimates, are computed by aggregating independently adjusted series. For example, for each of the three major labor force components—agricultural employment, nonagricultural employment, and unemployment—data for four sex-age groups (males and females under and over 20 years of age) are separately adjusted for seasonal variation and are then added to derive seasonally adjusted total figures. In order to provide seasonally adjusted total employment and civilian labor force estimates, the appropriate series are aggregated. The official unemployment rate for all civilian workers is derived by dividing the estimate for total unemployment (the sum of 4 seasonally adjusted sex-age components) by the civilian labor force (the sum of 12 seasonally adjusted sex-age components).

Revised seasonally adjusted data for selected labor force series based on the experience through December 1981, new seasonal adjustment factors to be used to calculate the overall unemployment rate for the first 6 months of 1982, and a description of the current seasonal adjustment methodology are published in the February 1982 issue of *Employment and Earnings*. Revised seasonally adjusted data covering the 1970-81 revision period for a broader range of labor force series also appear in the February 1982 issue of this publication. Many additional series, which are either components or aggregates of the series presented, are available from the BLS upon request.

the experienced labor force. For each month, the estimate of entrants into the labor force is a function of: (a) the month of the year; (b) the level of experienced unemployed; (c) the level of the experienced labor force; and (d) proportion of the working age population that is considered "youth." The composite estimate of total entrants is defined as :

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Calendar of Features

In addition to the monthly data appearing regularly in *Employment and Earnings* special features appear in most of the issues as shown below.

Household data

Annual averages	Jan.
Revised seasonally adjusted series	Feb.
Quarterly averages, seasonally adjusted data, persons not in labor force, persons of Hispanic origin, Vietnam-era veterans and nonveterans, poverty-nonpoverty area data, family relationship data, weekly earnings data	Jan., Apr., July, Oct.

Establishment data

National annual averages:	
Industry divisions (preliminary)	Jan.
Industry detail (final)	Mar.
Women employment detail (final)	Mar.
National data adjusted to new benchmarks	June
Revised historical national data adjusted to new benchmarks	Supplement[1]
Revised seasonally adjusted series	June[2]
State and area annual averages	May
Area definitions	May

State and area unemployment data

Annual averages	June

[1] The issue that introduces new benchmark series. The June 1982 issue introduced March 1981 benchmarks.

[2] Month of publication of annual supplement series. The latest supplement was published in June 1982.

[3] Issue varies. Latest revised data introduced June 1982.

ployment and Earnings

No. 12 December 1982

oria P. Green, Gloria P. Goings, Rosalie K. Epstein

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Employment and Unemployment Developments, November 1982

Unemployment increased further in November and the number of nonagricultural payroll jobs declined. The Nation's jobless rate rose to 10.8 percent from 10.4 percent in October.

Total employment—as measured by the monthly survey of households—was about unchanged in November at 99.0 million, following a large drop in the prior month. Nonfarm payroll employment—as measured by the monthly survey of establishments—fell by 165,000, with continued reductions in many of the manufacturing industries. Factory jobs have declined by 2.2 million since the onset of the recession.

Unemployment

The number of unemployed persons reached 12.0 million in November, seasonally adjusted, up 440,000 from October, and the Nation's unemployment rate rose four-tenths of a percentage point to 10.8 percent. Virtually all of the over-the-month rise occurred among adult men and women. Since its pre-recession low of 7.2 percent in July 1981, the jobless rate has risen by more than 3½ percentage points, with each of the three major age-sex groups being substantially affected. Over this period, the jobless rate for adult men rose from 5.8 to 10.1 percent, that for adult women increased from 6.7 to 9.1 percent, while the teenage rate moved from 18.7 to 24.2 percent. All were at record high levels in November. (See table A-33.)

Among other major labor force groups, the jobless rate for white workers rose to a new high of 9.7 percent. The rates for blacks (20.2 percent) and Hispanics (15.7 percent) were about unchanged over the month. Among the major occupational groups, the jobless rate for blue-collar workers rose from 15.9 to 16.5 percent. The rate for white-collar workers, who have not been affected by the recession as much as blue-collar workers, increased from 5.1 to 5.6 percent. Sizeable increases were also noted in several industry groups. In particular, the jobless rate for workers in durable goods manufacturing rose sharply over the month to 17.1 percent; this compares with a July 1981 figure of 7.1 percent. (See tables A-35 and A-36.)

Well over half of the over-the-month increase in unemployment stemmed from persons reentering the labor force. However, persons who had lost their jobs continued to account for the largest share of total unemployment—62 percent—up from about 50 percent in July 1981. (See table A-39.)

The number of long-term unemployed (those jobless for 15 weeks or longer) rose by nearly 400,000 to a level of 4.5 million in November. The average (mean) duration, at 17.2 weeks, was unchanged over the month, while the median duration of unemployment increased from 9.6 to 10.1 weeks. (See table A-37.)

Total employment and the labor force

Total employment was about unchanged in November at 99.0 million, seasonally adjusted, following a decrease of 630,000 in the prior month. Since the onset of the recession, total employment has dropped by 1.8 million, with adult men accounting for the bulk of this decline. Employment of adult women has actually shown a small numerical increase over this same period, although not enough to keep pace with their population growth. The overall employment-population ratio edged down slightly over the month to 56.5 percent, 2 percentage points below the July 1981 figure.

The civilian labor force totaled 111.0 million in November, seasonally adjusted. Since November 1981, the labor force has risen by 1.7 million. Adult women and men increased by 1.1 million and 950,000, respectively. The number of teenage workers dropped over the year, primarily due to a declining population. The November labor force developments brought the overall labor force participation rate up 0.2 percentage point to 64.2 percent. (See table A-33.)

Industry payroll employment

Nonagricultural payroll employment fell by 165,000 in November to 88.7 million, after seasonal adjustment. The number of nonfarm jobs has declined by 2.7 million since July 1981. As has been the case throughout the current recession, much of the over-the-month job loss occurred in the manufacturing industries, where employment dropped by 140,000. (See table B-4.)

Manufacturing job cutbacks were concentrated in durable goods, particularly in machinery, transportation equipment, primary metals, and fabricated metals.

Since July 1981, the number of jobs in these four industries has declined by 1.3 million. Within nondurable goods, several industries— including textile mill products, apparel, and rubber and plastics—registered over-the-month declines. The number of jobs in mining was also down from October. Construction employment was about unchanged, after declining almost continuously since January 1981.

In the service-producing sector, employment was little different from October, as a decline in trade was about offset by an increase in the services industry. Over the past 4 months, employment in trade has declined by 230,000.

Hours of work

The average workweek of production or nonsupervisory workers on private nonagricultural payrolls, at 34.6 hours in November, seasonally adjusted, was down 0.1 hour over the month. The factory workweek edged up 0.1 hour to 38.9 hours, while factory overtime, at 2.3 hours, was unchanged from October. (See table C-6.)

The index of aggregate weekly hours of production or nonsupervisory workers on private nonfarm payrolls declined 0.4 percent in November to 102.5 (1977 = 100). The manufacturing index, at 83.3 in November, fell 0.7 percent over the month and 16.4 percent from July 1981. (See table C-7.)

Hourly and weekly earnings

Average hourly eanings increased 0.3 percent in November, while average weekly earnings were about unchanged, seasonally adjusted. Before adjustment for seasonality, average hourly earnings edged up 1 cent to $7.80, 33 cents above the year-earlier level. Average weekly earnings, at $269.88, were down 43 cents over the month but were up $7.68 over the year. (See tables C-1 and C-8.)

The Hourly Earnings Index

The Hourly Earnings Index (HEI) was 151.1 (1977 = 100) in November, seasonally adjusted, 0.1 percent higher than in October. For the 12 months ended in November, the increase (before seasonal adjustment) was 5.5 percent. The HEI excludes the effects of two types of changes unrelated to underlying wage rate movements—fluctuations in overtime in manufacturing and interindustry employment shifts. In dollars of constant purchasing power, the HEI increased 1.1 percent during the 12-month period ended in October. (See table C-8.)

Changes in household data series

Next month, with the issuance of data for December, this publication will incorporate annual revisions in seasonally adjusted unemployment and other labor force series. With the release of data for January 1983 in February, the Bureau will publish, in addition to the traditional *civilian* series, new labor force series that include persons in the Armed Forces stationed in the United States. In addition, all occupational data will be coded according to the classification system developed for the 1980 census, which evolved from the 1980 Standard Occupational Classification system. This means that comparisons with previously published occupational data will be severely limited. Moreover, seasonal adjustment of occupational data will not be possible until several years of data become available. All data now presented for "black and other" will be converted to "black" only. Improvements will also be made in the estimation procedures, using newly available data from the 1980 census.

HOUSEHOLD DATA
HISTORICAL

A-1. Employment status of the noninstitutional population 16 years and over, 1947 to date

(Numbers in thousands)

Year and month	Total noninstitutional population	Total labor force		Civilian labor force						Not in labor force
					Employed			Unemployed		
		Number	Percent of population	Total	Total	Agriculture	Nonagricultural industries	Number	Percent of labor force	
	Annual averages									
1947	103,418	60,941	58.9	59,350	57,038	7,890	49,148	2,311	3.9	42,477
1948	104,527	62,080	59.4	60,621	58,343	7,629	50,714	2,276	3.8	42,447
1949	105,611	62,903	59.6	61,286	57,651	7,658	49,993	3,637	5.9	42,708
1950	106,645	63,858	59.9	62,208	58,918	7,160	51,758	3,288	5.3	42,787
1951	107,721	65,117	60.4	62,017	59,961	6,726	53,235	2,055	3.3	42,604
1952	108,823	65,730	60.4	62,138	60,250	6,500	53,749	1,883	3.0	43,093
1953[1]	110,601	66,560	60.2	63,015	61,179	6,260	54,919	1,834	2.9	44,041
1954	111,671	66,993	60.0	63,643	60,109	6,205	53,904	3,532	5.5	44,678
1955	112,732	68,072	60.4	65,023	62,170	6,450	55,722	2,852	4.4	44,660
1956	113,811	69,409	61.0	66,552	63,799	6,283	57,514	2,750	4.1	44,402
1957	115,065	69,729	60.6	66,929	64,071	5,947	58,123	2,859	4.3	45,336
1958	116,363	70,275	60.4	67,639	63,036	5,586	57,450	4,602	6.8	46,088
1959	117,881	70,921	60.2	68,369	64,630	5,565	59,065	3,740	5.5	46,960
1960[1]	119,759	72,142	60.2	69,628	65,778	5,458	60,318	3,852	5.5	47,617
1961	121,343	73,031	60.2	70,459	65,746	5,200	60,546	4,714	6.7	48,312
1962	122,981	73,442	59.7	70,614	66,702	4,944	61,759	3,911	5.5	49,539
1963	125,154	74,571	59.6	71,833	67,762	4,687	63,076	4,070	5.7	50,583
1964	127,224	75,830	59.6	73,091	69,305	4,523	64,782	3,786	5.2	51,394
1965	129,236	77,178	59.7	74,455	71,088	4,361	66,726	3,366	4.5	52,058
1966	131,180	78,893	60.1	75,770	72,895	3,979	68,915	2,875	3.8	52,288
1967	133,319	80,793	60.6	77,347	74,372	3,844	70,527	2,975	3.8	52,527
1968	135,562	82,272	60.7	78,737	75,920	3,817	72,103	2,817	3.6	53,291
1969	137,841	84,240	61.1	80,734	77,902	3,606	74,296	2,832	3.5	53,602
1970	140,272	85,959	61.3	82,771	78,678	3,463	75,215	4,093	4.9	54,315
1971	143,033	87,198	61.0	84,382	79,367	3,394	75,972	5,016	5.9	55,834
1972[1]	146,574	89,484	61.1	87,034	82,153	3,484	78,669	4,882	5.6	57,091
1973[1]	149,423	91,756	61.4	89,429	85,064	3,470	81,594	4,365	4.9	57,667
1974	152,349	94,179	61.8	91,949	86,794	3,515	83,279	5,156	5.6	58,171
1975	155,333	95,955	61.8	93,775	85,846	3,408	82,438	7,929	8.5	59,377
1976	158,294	98,302	62.1	96,158	88,752	3,331	85,421	7,406	7.7	59,991
1977	161,166	101,142	62.8	99,009	92,017	3,283	88,734	6,991	7.1	60,025
1978[2]	164,027	104,368	63.6	102,251	96,048	3,387	92,661	6,202	6.1	59,659
1979	166,951	107,050	64.1	104,562	98,824	3,347	95,477	6,137	5.8	59,930
1980	169,848	109,042	64.2	106,940	99,303	3,364	95,938	7,637	7.1	60,806
1981	172,272	110,812	64.3	108,670	100,397	3,368	97,030	8,273	7.6	61,460
	Monthly data, seasonally adjusted[3]									
1981:										
November	173,155	111,430	64.4	109,272	100,172	3,372	96,800	9,100	8.3	61,724
December	173,330	111,348	64.2	109,184	99,813	3,209	96,604	9,371	8.6	61,982
1982:										
January	173,495	111,038	64.0	108,879	99,581	3,411	96,170	9,298	8.5	62,456
February	173,657	111,333	64.1	109,165	99,590	3,373	96,217	9,575	8.8	62,324
March	173,843	111,521	64.2	109,346	99,492	3,349	96,144	9,854	9.0	62,321
April	174,020	111,824	64.3	109,648	99,340	3,309	96,032	10,307	9.4	62,197
May	174,201	112,841	64.8	110,666	100,117	3,488	96,629	10,549	9.5	61,360
June	174,364	112,364	64.4	110,191	99,764	3,357	96,406	10,427	9.5	61,999
July	174,544	112,702	64.6	110,522	99,732	3,460	96,272	10,790	9.8	61,842
August	174,707	112,840	64.6	110,644	99,839	3,435	96,404	10,805	9.8	61,867
September	174,889	113,178	64.7	110,980	99,720	3,368	96,352	11,260	10.1	61,710
October	175,059	112,832	64.5	110,644	99,093	3,426	95,667	11,551	10.4	62,227
November	175,238	113,199	64.6	111,019	99,632	3,470	95,563	11,987	10.8	62,039

[1] Not strictly comparable with prior years. For an explanation, see "Historic Comparability" under Household Data section of Explanatory Notes.

[2] Because seasonality, by definition, does not exist in population figures, data for "total noninstitutional population" are not seasonally adjusted.

A-2. Employment status of the noninstitutional population 16 years and over by sex, 1972 to date

(Numbers in thousands)

Sex, year, and month	Total noninstitutional population	Total labor force		Civilian labor force						Not in labor force
					Employed			Unemployed		
		Number	Percent of population	Total	Total	Agriculture	Nonagricultural industries	Number	Percent of labor force	
MALES				**Annual averages**						
1972[1]	70,241	55,961	79.7	53,555	50,896	2,849	48,047	2,659	5.0	14,280
1973[1]	71,567	56,900	79.5	54,624	52,349	2,847	49,502	2,275	4.2	14,667
1974	72,971	57,902	79.3	55,739	53,024	2,919	50,105	2,714	4.9	15,069
1975	74,383	58,390	78.5	56,299	51,857	2,824	49,032	4,442	7.9	15,993
1976	75,798	59,212	78.1	57,174	53,138	2,744	50,394	4,036	7.1	16,585
1977	77,211	60,414	78.2	58,396	54,728	2,671	52,057	3,667	6.3	16,797
1978[1]	78,569	61,613	78.4	59,620	56,479	2,718	53,761	3,142	5.3	16,956
1979	79,968	62,676	78.4	60,726	57,607	2,686	54,921	3,120	5.1	17,293
1980	81,341	63,396	77.9	61,453	57,186	2,709	54,477	4,267	6.9	17,945
1981	82,476	63,939	77.5	61,974	57,397	2,700	54,697	4,577	7.4	18,537
				Monthly data, seasonally adjusted[2]						
1981:										
November	82,895	64,158	77.4	62,184	57,051	2,668	54,383	5,133	8.3	18,737
December	82,978	64,283	77.5	62,303	56,725	2,590	54,135	5,578	9.0	18,696
1982:										
January	83,054	63,941	77.0	61,966	56,629	2,698	53,931	5,338	8.6	19,113
February	83,129	64,025	77.0	62,042	56,656	2,693	53,965	5,384	8.7	19,104
March	83,218	64,069	77.0	62,082	56,472	2,667	53,805	5,610	9.0	19,149
April	83,303	64,234	77.1	62,247	56,401	2,661	53,739	5,846	9.4	19,068
May	83,389	64,835	77.8	62,849	56,820	2,797	54,023	6,029	9.6	18,553
June	83,464	64,270	77.0	62,287	56,223	2,724	53,498	6,065	9.7	19,193
July	83,550	64,343	77.0	62,353	56,192	2,796	53,396	6,161	9.9	19,207
August	83,627	64,464	77.1	62,460	56,210	2,781	53,429	6,250	10.0	19,162
September	83,712	64,860	77.5	62,852	56,148	2,715	53,433	6,704	10.7	18,853
October	83,798	64,777	77.3	62,779	55,915	2,781	53,134	6,864	10.9	19,020
November	83,877	64,922	77.4	62,931	55,863	2,807	53,057	7,066	11.2	18,955
FEMALES				**Annual averages**						
1972[1]	76,333	33,522	43.9	33,479	31,257	635	30,622	2,222	6.6	42,811
1973[1]	77,855	34,855	44.8	34,804	32,715	622	32,093	2,089	6.0	43,000
1974	79,379	36,278	45.7	36,211	33,769	596	33,173	2,441	6.7	43,101
1975	80,949	37,565	46.4	37,475	33,989	584	33,404	3,486	9.3	43,386
1976	82,496	39,089	47.4	38,983	35,615	588	35,027	3,369	8.6	43,406
1977	83,955	40,728	48.5	40,613	37,289	612	36,677	3,324	8.2	43,227
1978[1]	85,459	42,755	50.0	42,631	39,569	665	38,900	3,061	7.2	42,703
1979	86,983	44,375	51.0	44,235	41,217	661	40,556	3,018	6.8	42,608
1980	88,507	45,686	51.6	45,487	42,117	656	41,461	3,370	7.4	42,821
1981	89,796	46,873	52.2	46,656	43,000	667	42,333	3,696	7.9	42,922
				Monthly data, seasonally adjusted[2]						
1981:										
November	90,259	47,272	52.4	47,088	43,121	704	42,417	3,967	8.4	42,987
December	90,352	47,066	52.1	46,881	42,888	619	42,269	3,993	8.5	43,286
1982:										
January	90,441	47,097	52.1	46,913	42,952	713	42,239	3,960	8.4	43,343
February	90,528	47,308	52.3	47,123	42,932	680	42,251	4,191	8.9	43,220
March	90,625	47,452	52.4	47,264	43,020	682	42,339	4,243	9.0	43,173
April	90,718	47,589	52.5	47,401	42,940	647	42,292	4,461	9.4	43,128
May	90,813	48,005	52.9	47,817	43,297	691	42,606	4,520	9.5	42,807
June	90,900	48,094	52.9	47,904	43,541	633	42,908	4,362	9.1	42,806
July	90,995	48,360	53.1	48,169	43,540	664	42,875	4,629	9.6	42,635
August	91,081	48,377	53.1	48,185	43,630	655	42,975	4,555	9.5	42,704
September	91,176	48,320	53.0	48,129	43,572	653	42,919	4,556	9.5	42,856
October	91,272	48,055	52.7	47,865	43,179	645	42,533	4,686	9.8	43,217
November	91,361	48,277	52.8	48,088	43,169	663	42,506	4,919	10.2	43,084

[1] Not strictly comparable with prior years. For an explanation, see "Historic Comparability" under Household Data section of Explanatory Notes.

[2] Because seasonality, by definition, does not exist in population figures, data for "total noninstitutional population" are not seasonally adjusted.

HOUSEHOLD DATA

A-3. Employment status of the noninstitutional population by sex, age, and race

[Numbers in thousands]

Sex, age, and race	November 1982										
	Total labor force		Civilian labor force				Not in labor force				
					Unemployed						
	Number	Percent of population	Total	Employed	Number	Percent of labor force	Total	Keeping house	Going to school	Unable to work	Other reasons
MALES											
16 years and over	64,358	76.7	62,367	55,707	6,660	10.7	19,519	367	5,027	1,494	12,631
16 to 21 years	7,851	63.6	7,244	5,505	1,739	24.0	4,497	11	4,038	23	425
16 to 19 years	4,406	54.9	4,173	3,037	1,136	27.2	3,619	4	3,317	10	288
16 to 17 years	1,624	42.2	1,613	1,122	490	30.4	2,227	3	2,129	2	92
18 to 19 years	2,782	66.7	2,561	1,915	646	25.2	1,392	1	1,187	8	195
20 to 64 years	58,098	88.8	56,339	50,903	5,436	9.6	7,305	167	1,707	1,082	4,349
20 to 24 years	9,263	85.0	8,486	7,015	1,471	17.3	1,637	19	1,217	43	357
25 to 54 years	41,659	94.1	40,679	37,111	3,569	8.8	2,611	98	476	598	1,439
25 to 29 years	9,696	94.2	9,302	8,150	1,152	12.4	600	14	265	57	263
30 to 34 years	8,817	95.0	8,553	7,815	739	8.6	462	13	125	83	241
35 to 39 years	7,470	96.3	7,274	6,640	633	8.7	290	13	43	82	152
40 to 44 years	5,856	94.6	5,768	5,340	426	7.4	334	19	25	111	179
45 to 49 years	4,974	92.6	4,945	4,618	326	6.6	359	21	13	119	246
50 to 54 years	4,846	90.2	4,838	4,547	291	6.0	526	17	4	146	358
55 to 64 years	7,175	70.1	7,174	6,777	397	5.5	3,058	59	14	440	2,553
55 to 59 years	4,365	81.1	4,364	4,084	279	6.4	1,016	22	10	224	760
60 to 64 years	2,810	57.9	2,810	2,693	118	4.2	2,042	28	5	216	1,793
65 years and over	1,854	17.7	1,854	1,767	87	4.7	8,595	196	3	402	7,994
65 to 69 years	1,062	27.0	1,062	1,014	48	4.5	2,867	70	2	136	2,659
70 years and over	793	12.2	793	753	39	4.9	5,727	126	1	266	5,335
White											
16 years and over	56,485	77.4	54,915	49,684	5,231	9.5	16,459	301	3,897	1,186	11,075
16 to 21 years	6,753	66.0	6,285	4,958	1,327	21.1	3,483	8	3,157	16	302
16 to 19 years	3,853	58.0	3,668	2,785	883	24.1	2,787	1	2,567	6	214
16 to 17 years	1,460	45.9	1,450	1,048	402	27.7	1,721	1	1,645	1	74
18 to 19 years	2,393	69.2	2,218	1,737	480	21.7	1,066	--	922	5	140
20 to 64 years	50,932	89.6	49,587	45,310	4,278	8.6	5,882	131	1,327	841	3,582
20 to 24 years	7,883	86.2	7,305	6,186	1,119	15.3	1,259	19	979	31	230
25 to 54 years	36,533	94.9	35,767	32,932	2,835	7.9	1,949	71	337	483	1,079
25 to 34 years	16,050	95.5	15,552	14,073	1,479	9.5	761	20	290	105	346
35 to 44 years	11,750	96.3	11,513	10,670	843	7.3	457	21	41	151	244
45 to 54 years	8,734	92.3	8,702	8,189	513	5.9	732	29	7	207	488
55 to 64 years	6,517	70.9	6,515	6,192	323	5.0	2,673	42	10	348	2,273
55 to 59 years	3,955	82.1	3,954	3,727	227	5.7	862	16	8	179	659
60 to 64 years	2,562	58.6	2,561	2,465	97	3.8	1,811	26	3	169	1,614
65 years and over	1,660	17.6	1,660	1,589	71	4.3	7,790	169	3	339	7,279
Black and other											
16 years and over	7,913	72.1	7,452	6,024	1,428	19.2	3,060	66	1,130	308	1,556
16 to 21 years	1,098	52.0	959	547	412	43.0	1,014	3	881	7	123
16 to 19 years	553	40.0	506	252	254	50.2	832	3	750	4	74
16 to 17 years	164	24.5	163	75	88	54.1	506	2	484	2	18
18 to 19 years	389	54.5	343	178	166	48.3	325	1	266	3	55
20 to 64 years	7,164	83.4	6,751	5,592	1,159	17.2	1,425	36	380	240	767
20 to 24 years	1,380	78.5	1,181	829	352	29.8	378	--	238	13	127
25 to 54 years	5,126	88.6	4,912	4,179	733	14.9	662	27	139	135	361
25 to 34 years	2,463	89.1	2,303	1,892	411	17.9	301	7	100	35	159
35 to 44 years	1,576	90.4	1,529	1,310	218	14.3	167	11	28	42	86
45 to 54 years	1,086	84.9	1,081	977	104	9.6	194	9	11	58	116
55 to 64 years	659	63.1	659	585	73	11.1	385	8	4	92	280
55 to 59 years	410	72.7	410	357	53	12.8	154	6	2	45	101
60 to 64 years	249	51.9	249	228	21	8.3	231	3	2	47	179
65 years and over	195	19.5	195	179	16	8.2	804	27	--	63	715

A-3. Employment status of the noninstitutional population by sex, age, and race—Continued

(Numbers in thousands)

Sex, age, and race	November 1982										
	Total labor force		Civilian labor force				Not in labor force				
					Unemployed						
	Number	Percent of population	Total	Employed	Number	Percent of labor force	Total	Keeping house	Going to school	Unable to work	Other reasons
FEMALES											
16 years and over	49,677	53.3	48,486	43,672	4,816	9.9	42,684	31,273	4,408	1,043	5,560
16 to 21 years	6,810	56.5	6,746	5,439	1,307	19.4	5,249	1,054	3,841	55	339
16 to 19 years	3,945	50.5	3,922	3,052	870	22.2	3,865	467	3,174	83	214
16 to 17 years	1,492	39.9	1,491	1,128	363	24.3	2,243	78	2,084	1	80
18 to 19 years	2,453	60.2	2,431	1,923	508	20.9	1,621	389	1,089	9	134
20 to 64 years	43,535	63.6	43,369	39,467	3,902	9.0	29,867	20,549	1,627	967	2,224
20 to 24 years	7,615	70.6	7,524	6,495	1,028	13.7	3,173	1,863	1,001	15	295
25 to 54 years	30,983	67.4	30,869	28,269	2,600	8.4	19,948	13,032	607	254	1,055
25 to 29 years	7,367	70.7	7,316	6,556	762	10.4	3,056	2,564	283	23	187
30 to 34 years	6,426	67.8	6,407	5,833	575	9.0	3,053	2,690	135	32	197
35 to 39 years	5,497	68.6	5,492	5,048	444	8.1	2,511	2,195	90	83	193
40 to 44 years	4,491	69.5	4,489	4,149	340	7.6	1,972	1,755	50	32	135
45 to 49 years	3,715	65.3	3,714	3,468	246	6.6	1,976	1,765	30	47	134
50 to 54 years	3,448	59.2	3,448	3,215	233	6.8	2,379	2,063	20	77	220
55 to 64 years	4,977	42.5	4,977	4,704	273	5.5	6,746	5,654	20	198	874
55 to 59 years	3,037	50.2	3,037	2,859	178	5.9	3,008	2,585	13	102	308
60 to 64 years	1,939	34.2	1,939	1,845	95	4.9	3,737	3,069	6	95	567
65 years and over	1,197	7.9	1,197	1,153	44	3.7	13,952	10,257	8	566	3,121
65 to 69 years	736	15.0	736	708	28	3.8	4,178	3,295	5	86	792
70 years and over	461	4.5	461	445	16	3.5	9,774	6,963	3	480	2,329
White											
16 years and over	41,812	53.2	41,678	37,988	3,690	8.9	36,835	27,571	3,731	813	4,722
16 to 21 years	5,959	59.6	5,914	4,912	1,002	16.9	4,046	800	3,011	15	221
16 to 19 years	3,486	53.9	3,469	2,794	675	19.5	2,982	360	2,478	9	138
16 to 17 years	1,343	43.5	1,342	1,047	296	22.0	1,745	64	1,622	1	58
18 to 19 years	2,143	63.4	2,127	1,747	380	17.8	1,237	296	857	8	76
20 to 64 years	37,234	63.7	37,116	34,140	2,976	8.0	21,258	17,848	1,244	350	1,818
20 to 24 years	6,511	72.4	6,447	5,703	744	11.5	2,481	1,508	761	15	197
25 to 54 years	26,350	67.4	26,296	24,282	2,014	7.7	12,735	11,219	468	188	861
25 to 34 years	11,583	69.3	11,536	10,538	998	8.6	5,128	4,475	309	43	301
35 to 44 years	8,569	69.2	8,564	7,925	639	7.5	3,810	3,388	113	50	259
45 to 54 years	6,197	62.0	6,196	5,819	377	6.1	3,796	3,355	46	95	300
55 to 64 years	4,373	42.0	4,373	4,154	219	5.0	6,042	5,122	15	148	757
55 to 59 years	2,655	49.7	2,655	2,515	140	5.3	2,686	2,341	11	74	259
60 to 64 years	1,718	33.9	1,718	1,640	78	4.6	3,356	2,781	4	74	497
65 years and over	1,092	8.0	1,092	1,054	38	3.5	12,596	9,362	8	453	2,773
Black and other											
16 years and over	6,866	54.0	6,810	5,684	1,127	16.5	5,848	3,703	1,078	230	838
16 to 21 years	851	41.4	832	526	305	36.7	1,204	255	830	1	119
16 to 19 years	459	34.2	453	257	195	43.2	883	107	695	1	80
16 to 17 years	149	23.0	149	82	67	45.2	498	14	463	--	22
18 to 19 years	310	44.7	304	176	128	42.1	384	93	233	1	58
20 to 64 years	6,301	63.6	6,253	5,327	924	14.8	3,609	2,701	382	115	410
20 to 24 years	1,104	61.5	1,076	792	284	26.4	692	355	240	--	97
25 to 54 years	4,593	67.5	4,573	3,987	586	12.8	2,214	1,813	139	66	195
25 to 34 years	2,209	69.2	2,189	1,850	339	15.5	581	779	108	12	83
35 to 44 years	1,418	67.8	1,417	1,272	145	10.2	673	563	27	25	59
45 to 54 years	966	63.4	966	864	102	10.6	559	472	4	29	54
55 to 64 years	604	46.2	604	549	54	9.0	703	532	4	49	118
55 to 59 years	382	54.3	382	344	38	9.9	322	244	2	28	48
60 to 64 years	221	36.7	221	205	17	7.5	381	288	2	22	70
65 years and over	105	7.2	105	99	7	6.2	1,356	895	--	114	348

HOUSEHOLD DATA

A-4. Labor force by sex, age, and race

Sex, age, and race	Total labor force				Civilian labor force			
	Thousands of persons		Participation rates		Thousands of persons		Participation rates	
	Nov. 1981	Nov. 1982	Nov. 1981	Nov. 1982	Nov. 1981	Nov. 1982	Nov. 1981	Nov. 1982
MALES								
16 years and over	63,665	64,358	76.8	76.7	61,691	62,367	76.2	76.2
16 to 19 years	4,732	4,406	57.1	54.9	4,447	4,173	55.6	53.6
16 to 17 years	1,792	1,624	44.3	42.2	1,772	1,613	44.0	42.0
18 to 19 years	2,941	2,782	69.3	66.7	2,676	2,561	67.3	64.5
20 to 24 years	9,297	9,263	84.5	85.0	8,463	8,486	83.4	83.8
25 to 54 years	40,800	41,659	94.3	94.1	39,657	40,479	94.1	94.0
25 to 34 years	18,255	18,513	94.9	94.6	17,617	17,855	94.8	94.4
35 to 44 years	12,654	13,326	95.5	95.5	12,383	13,042	95.4	95.4
45 to 54 years	9,892	9,820	91.6	91.4	9,656	9,783	91.5	91.4
55 to 64 years	7,083	7,175	69.6	70.1	7,082	7,174	69.6	70.1
55 to 59 years	4,353	4,365	80.4	81.1	4,351	4,364	80.4	81.1
60 to 64 years	2,731	2,810	57.3	57.9	2,731	2,810	57.3	57.9
65 years and over	1,842	1,854	18.0	17.7	1,842	1,854	18.0	17.7
White								
16 years and over	56,151	56,445	77.6	77.4	54,634	54,915	77.1	76.9
16 to 19 years	4,187	3,853	60.5	58.0	3,564	3,668	59.2	56.8
16 to 17 years	1,636	1,460	48.5	45.9	1,619	1,450	48.3	45.7
18 to 19 years	2,552	2,393	71.9	69.2	2,345	2,218	70.2	67.5
20 to 24 years	7,900	7,883	85.6	86.2	7,351	7,305	84.7	85.3
25 to 54 years	35,932	36,533	95.1	94.9	35,188	35,767	95.0	94.8
25 to 34 years	15,937	16,050	95.9	95.5	15,449	15,552	95.8	95.3
35 to 44 years	11,148	11,750	96.1	96.3	10,923	11,513	96.0	96.2
45 to 54 years	8,847	8,734	92.5	92.3	8,816	8,702	92.5	92.2
55 to 64 years	6,437	6,517	70.3	70.9	6,436	6,515	70.3	70.9
55 to 59 years	3,940	3,955	81.0	82.1	3,939	3,954	81.0	82.1
60 to 64 years	2,496	2,562	58.1	58.6	2,496	2,561	58.1	58.6
65 years and over	1,696	1,660	18.3	17.6	1,696	1,660	18.3	17.6
Black and other								
16 years and over	7,514	7,913	71.3	72.1	7,057	7,452	70.0	70.9
16 to 19 years	545	553	39.9	40.0	484	506	37.1	37.8
16 to 17 years	156	164	23.2	24.5	153	163	22.8	24.3
18 to 19 years	389	389	56.1	54.5	331	343	52.1	51.3
20 to 24 years	1,307	1,380	78.5	78.5	1,111	1,181	75.7	75.8
25 to 54 years	4,869	5,126	88.4	89.6	4,669	4,912	87.9	88.1
25 to 34 years	2,318	2,463	88.6	89.1	2,168	2,303	87.9	88.5
35 to 44 years	1,506	1,576	91.3	90.4	1,460	1,529	91.0	90.1
45 to 54 years	1,045	1,086	83.9	84.9	1,040	1,081	83.9	84.8
55 to 64 years	647	659	63.1	63.1	646	659	63.1	63.1
55 to 59 years	412	410	74.5	72.7	412	410	74.5	72.7
60 to 64 years	234	249	49.8	51.9	234	249	49.8	51.9
65 years and over	197	195	15.0	19.5	197	195	15.0	19.5

A-4. Labor force by sex, age, and race—Continued

Sex, age, and race	Total labor force				Civilian labor force			
	Thousands of persons		Participation rates		Thousands of persons		Participation rates	
	Nov. 1981	Nov. 1982	Nov. 1981	Nov. 1982	Nov. 1981	Nov. 1982	Nov. 1981	Nov. 1982
FEMALES								
16 years and over	47,672	48,677	52.8	53.3	47,487	48,488	52.7	53.2
16 to 19 years	4,036	3,945	50.0	50.5	4,007	3,922	49.9	50.4
16 to 17 years	1,586	1,492	40.4	39.9	1,584	1,491	40.4	39.9
18 to 19 years	2,451	2,453	59.2	60.2	2,423	2,431	58.9	60.0
20 to 24 years	7,569	7,615	70.0	70.6	7,481	7,524	69.8	70.3
25 to 54 years	30,026	30,943	66.8	67.4	29,959	30,869	66.8	67.4
25 to 34 years	13,432	13,792	68.6	69.3	13,371	13,725	68.5	69.2
35 to 44 years	9,454	9,988	68.7	69.0	9,449	9,981	68.7	69.0
45 to 54 years	7,140	7,163	61.6	62.2	7,140	7,162	61.6	62.2
55 to 64 years	4,838	4,977	41.6	42.5	4,838	4,977	41.6	42.5
55 to 59 years	3,037	3,037	49.9	50.2	3,037	3,037	49.9	50.2
60 to 64 years	1,801	1,939	32.4	34.2	1,801	1,939	32.4	34.2
65 years and over	1,202	1,197	8.1	7.9	1,202	1,197	8.1	7.9
White								
16 years and over	40,967	41,812	52.6	53.2	40,835	41,678	52.5	53.1
16 to 19 years	3,564	3,486	53.4	53.9	3,544	3,469	53.2	53.8
16 to 17 years	1,451	1,343	44.8	43.5	1,450	1,342	44.8	43.5
18 to 19 years	2,113	2,143	61.5	63.4	2,094	2,127	61.2	63.2
20 to 24 years	6,506	6,511	71.8	72.4	6,443	6,447	71.6	72.2
25 to 54 years	25,587	26,350	66.6	67.4	25,538	26,296	66.6	67.4
25 to 34 years	11,340	11,583	68.6	69.3	11,297	11,536	68.5	69.2
35 to 44 years	8,064	8,569	68.2	69.2	8,060	8,564	68.2	69.2
45 to 54 years	6,183	6,197	61.4	62.0	6,182	6,196	61.4	62.0
55 to 64 years	4,242	4,373	40.9	42.0	4,242	4,373	40.9	42.0
55 to 59 years	2,663	2,655	49.4	49.7	2,663	2,655	49.4	49.7
60 to 64 years	1,579	1,718	31.7	33.9	1,579	1,718	31.7	33.9
65 years and over	1,068	1,092	8.0	8.0	1,068	1,092	8.0	8.0
Black and other								
16 years and over	6,705	6,866	54.4	54.0	6,652	6,810	54.2	53.8
16 to 19 years	472	459	34.0	34.2	463	453	33.6	33.9
16 to 17 years	135	149	19.7	23.0	134	149	19.7	23.0
18 to 19 years	337	310	47.9	44.7	329	304	47.3	44.1
20 to 24 years	1,063	1,104	60.7	61.5	1,037	1,076	60.1	60.9
25 to 54 years	4,440	4,593	68.2	67.5	4,421	4,573	68.1	67.8
25 to 34 years	2,091	2,209	68.7	69.2	2,075	2,189	68.5	69.0
35 to 44 years	1,390	1,418	71.4	67.8	1,389	1,417	71.4	67.8
45 to 54 years	958	966	63.1	63.4	958	966	63.1	63.4
55 to 64 years	596	604	46.8	46.2	596	604	46.8	46.2
55 to 59 years	374	382	53.8	54.3	374	382	53.8	54.3
60 to 64 years	222	221	38.3	36.7	222	221	38.3	36.7
65 years and over	134	105	9.5	7.2	134	105	9.5	7.2

A-5. Employment status of black workers by sex and age

(Numbers in thousands)

Sex and age	November 1982						
	Civilian labor force						Not in labor force
	Total	Employed			Unemployed		
		Total	Agriculture	Nonagricultural industries	Number	Percent of labor force	
TOTAL							
16 years and over	11,447	9,210	203	9,007	2,237	19.5	7,277
16 to 19 years	782	383	19	364	400	51.1	1,450
16 to 17 years	242	110	6	103	132	54.7	857
18 to 19 years	541	273	13	261	268	49.5	592
20 to 24 years	1,898	1,311	22	1,289	587	30.9	819
25 to 54 years	7,481	6,344	113	6,231	1,137	15.2	2,220
25 to 34 years	3,560	2,898	46	2,853	661	18.6	932
35 to 44 years	2,296	1,985	33	1,951	311	13.5	646
45 to 54 years	1,626	1,461	34	1,426	165	10.1	642
55 to 64 years	1,020	924	29	895	96	9.4	922
55 to 59 years	648	582	19	563	66	10.2	393
60 to 64 years	371	342	11	331	30	8.0	528
65 years and over	246	248	20	229	17	6.5	1,867
Males							
16 years and over	5,885	4,646	176	4,470	1,239	21.0	2,463
16 to 19 years	408	184	6	179	224	54.9	681
16 to 17 years	122	50	--	50	71	58.8	425
18 to 19 years	287	134	6	129	153	53.3	257
20 to 24 years	983	670	20	650	314	31.9	255
25 to 54 years	3,811	3,181	103	3,079	630	16.5	508
25 to 34 years	1,794	1,432	40	1,392	363	20.2	214
35 to 44 years	1,179	992	31	961	187	15.8	128
45 to 54 years	838	757	31	725	81	9.6	166
55 to 64 years	513	453	29	425	59	11.6	336
55 to 59 years	325	280	19	261	46	14.0	131
60 to 64 years	187	174	10	163	14	7.3	205
65 years and over	169	157	19	139	11	6.8	683
Females							
16 years and over	5,562	4,564	27	4,537	998	17.9	4,814
16 to 19 years	374	199	13	185	176	46.9	768
16 to 17 years	120	59	6	53	61	50.5	433
18 to 19 years	254	139	7	132	115	45.2	335
20 to 24 years	915	641	2	639	273	29.9	564
25 to 54 years	3,670	3,163	10	3,152	507	13.8	1,712
25 to 34 years	1,765	1,467	6	1,461	299	16.9	718
35 to 44 years	1,116	992	2	990	124	11.1	518
45 to 54 years	788	704	3	701	84	10.7	475
55 to 64 years	507	471	--	470	36	7.2	586
55 to 59 years	323	302	--	303	21	6.4	262
60 to 64 years	184	168	1	168	16	8.6	324
65 years and over	97	91	1	90	6	6.1	1,184

A-6. Employment status of the noninstitutional population by race, sex, and age

(Numbers in thousands)

Employment status and race	Total		Males, 20 years and over		Females, 20 years and over		Both sexes, 16-19 years	
	Nov. 1981	Nov. 1982	Nov. 1981	Nov. 1982	Nov. 1981	Nov. 1982	Nov. 1981	Nov. 1982
TOTAL								
Total noninstitutional population	173,155	175,238	74,610	75,852	82,193	83,551	16,351	15,835
Total labor force	111,337	113,035	58,933	59,952	43,636	44,732	8,769	8,351
Percent of population	64.3	64.5	79.0	79.0	53.1	53.5	53.6	52.7
Civilian labor force	109,179	110,855	57,244	58,193	43,480	44,566	8,454	8,095
Employed	100,502	99,379	53,471	52,670	40,418	40,620	6,614	6,049
Agriculture	3,288	3,360	2,399	2,460	617	552	272	348
Nonagricultural industries	97,214	96,019	51,072	50,210	35,801	40,068	6,342	5,741
Unemployed	8,676	11,476	3,773	5,523	3,063	3,946	1,841	2,007
Percent of labor force	7.9	10.4	6.6	9.5	7.0	8.9	21.8	24.8
Not in labor force	61,818	62,203	15,678	15,900	38,558	38,819	7,582	7,484
White								
Total noninstitutional population	150,281	151,551	65,434	66,264	71,250	72,179	13,597	13,108
Total labor force	97,118	98,256	51,964	52,592	37,402	38,326	7,751	7,338
Percent of population	64.6	64.8	79.4	79.4	52.5	53.1	57.0	56.0
Civilian labor force	95,469	96,593	50,670	51,247	37,291	38,208	7,508	7,137
Employed	88,800	87,672	47,766	46,899	34,984	35,194	6,050	5,579
Agriculture	3,042	3,091	2,205	2,237	576	528	261	327
Nonagricultural industries	85,758	84,581	45,560	44,662	34,408	34,666	5,789	5,253
Unemployed	6,669	8,921	2,905	4,349	2,307	3,014	1,458	1,558
Percent of labor force	7.0	9.2	5.7	8.5	6.2	7.9	19.4	21.8
Not in labor force	53,162	53,294	13,469	13,672	33,847	33,854	5,846	5,769
Black and other								
Total noninstitutional population	22,874	23,687	9,177	9,588	10,944	11,372	2,754	2,727
Total labor force	14,219	14,778	6,969	7,359	6,233	6,406	1,017	1,013
Percent of population	62.2	62.4	75.9	76.8	57.0	56.3	36.9	37.1
Civilian labor force	13,710	14,262	6,574	6,946	6,189	6,358	947	958
Employed	11,703	11,707	5,705	5,771	5,433	5,426	564	509
Agriculture	246	269	194	223	41	25	11	21
Nonagricultural industries	11,456	11,439	5,511	5,549	5,392	5,402	553	488
Unemployed	2,007	2,555	868	1,175	756	931	383	449
Percent of labor force	14.6	17.9	13.2	16.9	12.2	14.6	40.4	46.8
Not in labor force	8,655	8,908	2,208	2,229	4,710	4,965	1,737	1,714

A-7. Employment status of the noninstitutional population 16 to 21 years of age by major activity, sex, and race

(Numbers in thousands)

Employment status and major activity	November 1982								
	Total			White			Black and other		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
TOTAL									
Total noninstitutional population	24,407	12,348	12,059	20,240	10,236	10,004	4,166	2,112	2,054
Total labor force	14,660	7,851	6,810	12,712	6,753	5,959	1,949	1,098	851
Percent of population	60.1	63.6	56.5	62.8	66.0	59.6	46.8	52.0	41.4
Civilian labor force	13,990	7,244	6,746	12,199	6,285	5,914	1,791	959	832
Employed	10,944	5,505	5,439	9,871	4,958	4,912	1,073	547	526
Agriculture	528	442	85	490	420	70	38	22	16
Nonagricultural industries	10,416	5,063	5,353	9,380	4,538	4,843	1,036	525	511
Unemployed	3,046	1,739	1,307	2,328	1,327	1,002	718	412	305
Looking for full-time work	1,898	1,123	774	1,407	834	572	491	289	202
Looking for part-time work	1,148	616	533	922	492	429	227	123	103
Percent of labor force	21.8	24.0	19.4	19.1	21.1	16.9	40.1	43.0	36.7
Not in labor force	9,746	4,497	5,249	7,529	3,483	4,046	2,218	1,014	1,204
Major activity: going to school									
Civilian labor force	4,661	2,316	2,345	4,141	2,055	2,086	520	261	259
Employed	3,523	1,689	1,834	3,252	1,557	1,696	271	133	138
Agriculture	170	143	27	161	141	20	9	2	7
Nonagricultural industries	3,353	1,547	1,806	3,092	1,416	1,676	261	131	130
Unemployed	1,138	627	511	888	498	390	250	128	121
Looking for full-time work	111	56	56	71	40	31	40	16	24
Looking for part-time work	1,027	571	456	818	459	359	209	112	97
Percent of labor force	24.4	27.1	21.8	21.5	24.3	18.7	48.0	49.2	46.8
Not in labor force	7,879	4,038	3,841	6,168	3,157	3,011	1,710	881	830
Major activity: other									
Civilian labor force	9,329	4,928	4,401	8,058	4,230	3,828	1,271	698	573
Employed	7,421	3,816	3,605	6,618	3,402	3,217	803	414	389
Agriculture	358	299	58	330	280	50	28	20	8
Nonagricultural industries	7,063	3,516	3,547	6,289	3,122	3,167	774	394	380
Unemployed	1,908	1,112	796	1,440	828	612	468	284	184
Looking for full-time work	1,786	1,068	719	1,336	795	541	451	273	178
Looking for part-time work	122	45	77	104	34	71	18	11	6
Percent of labor force	20.5	22.6	18.1	17.9	19.6	16.0	36.8	40.7	32.2
Not in labor force	1,868	459	1,409	1,360	326	1,035	507	134	374

A-8. Full- and part-time status of the civilian labor force by sex, age, and race

[Numbers in thousands]

Sex, age, and race	November 1982								
	Full-time labor force					Part-time labor force			
	Total	Employed		Unemployed (looking for full-time work)		Total	Employed on voluntary part time[1]	Unemployed (looking for part-time work)	
		Full-time schedules[1]	Part time for economic reasons	Number	Percent of full-time labor force			Number	Percent of part-time labor force
TOTAL									
Both sexes, 16 years and over	94,020	77,964	6,527	9,528	10.1	16,835	14,888	1,947	11.6
16 to 21 years	8,087	4,872	1,317	1,898	23.5	5,903	4,755	1,148	19.5
16 to 19 years	3,600	1,807	762	1,032	28.7	4,495	3,520	975	21.7
16 to 17 years	481	158	123	199	41.4	2,623	1,969	654	24.9
18 to 19 years	3,119	1,648	638	833	26.7	1,872	1,552	321	17.1
20 years and over	90,419	76,157	5,766	8,496	9.4	12,340	11,368	973	7.9
20 to 24 years	13,292	9,836	1,287	2,169	16.3	2,717	2,387	330	12.1
25 years and over	77,127	66,321	4,480	6,327	8.2	9,623	8,980	643	6.7
25 to 54 years	64,925	55,589	3,647	5,690	8.8	6,623	6,143	480	7.2
55 years and over	12,202	10,732	833	637	5.2	3,000	2,837	163	5.4
Males, 16 years and over	57,012	48,069	3,146	5,797	10.2	5,355	4,493	862	16.1
16 to 21 years	4,483	2,712	647	1,123	25.1	2,761	2,146	616	22.3
16 to 19 years	1,585	1,018	363	603	30.4	2,188	1,656	533	24.3
20 years and over	55,027	47,050	2,782	5,194	9.4	3,167	2,837	329	10.4
20 to 24 years	7,424	5,447	657	1,321	17.8	1,061	912	150	14.1
25 years and over	47,602	41,604	2,126	3,872	8.1	2,106	1,925	179	9.5
25 to 54 years	39,760	34,598	1,686	3,476	8.7	919	826	93	10.1
55 years and over	7,841	7,006	439	397	5.1	1,186	1,099	86	7.3
Females, 16 years and over	37,008	29,895	3,382	3,731	10.1	11,480	10,395	1,085	9.5
16 to 21 years	3,604	2,160	670	774	21.5	3,142	2,609	533	17.0
16 to 19 years	1,615	789	398	429	26.5	2,307	1,865	482	19.2
20 years and over	35,393	29,107	2,983	3,303	9.3	9,173	8,530	643	7.0
20 to 24 years	5,868	4,390	630	848	14.5	1,656	1,476	180	10.9
25 years and over	29,525	24,716	2,354	2,455	8.3	7,517	7,055	464	6.2
25 to 54 years	25,164	20,991	1,559	2,214	8.8	5,704	5,317	387	6.8
55 years and over	4,360	3,725	394	241	5.5	1,813	1,737	77	4.2
White									
Males, 16 years and over	50,161	42,981	2,631	4,549	9.1	4,754	4,072	683	14.4
16 to 21 years	3,819	2,449	536	834	21.8	2,466	1,973	492	20.0
16 to 19 years	1,714	953	310	451	26.3	1,953	1,522	432	22.1
20 years and over	48,447	42,028	2,321	4,098	8.5	2,801	2,550	251	9.0
20 to 24 years	6,355	4,820	536	998	15.7	950	829	121	12.7
25 years and over	42,091	37,207	1,785	3,099	7.4	1,851	1,721	131	7.1
25 to 54 years	34,983	30,796	1,417	2,770	7.9	784	719	66	8.4
55 years and over	7,108	6,412	367	329	4.6	1,066	1,002	65	6.1
Females, 16 years and over	31,229	25,684	2,754	2,791	8.9	10,448	9,550	898	8.6
16 to 21 years	3,091	1,961	556	572	18.5	2,823	2,394	429	15.2
16 to 19 years	1,389	728	341	320	23.0	2,081	1,725	355	17.1
20 years and over	29,841	24,956	2,413	2,472	8.3	8,368	7,825	543	6.5
20 to 24 years	4,967	3,860	506	601	12.1	1,481	1,337	143	9.7
25 years and over	24,874	21,096	1,908	1,871	7.5	6,887	6,487	400	5.8
25 to 54 years	21,043	17,779	1,587	1,677	8.0	5,252	4,916	337	6.4
55 years and over	3,831	3,317	321	194	5.1	1,634	1,571	63	3.9
Black and other									
Males, 16 years and over	6,851	5,087	515	1,249	18.2	601	421	180	29.9
16 to 21 years	663	263	111	289	43.6	296	172	123	41.7
16 to 19 years	271	65	53	152	56.3	235	134	101	43.1
20 years and over	6,580	5,022	461	1,096	16.7	366	288	78	21.4
20 to 24 years	1,069	626	120	323	30.2	111	82	29	25.9
25 years and over	5,511	4,395	340	773	14.0	254	205	50	19.7
25 to 54 years	4,778	3,802	269	706	14.8	135	107	28	20.7
55 years and over	733	594	71	67	9.1	119	98	22	18.5
Females, 16 years and over	5,779	4,211	627	940	16.3	1,032	845	187	18.1
16 to 21 years	513	199	112	202	39.4	319	215	103	32.5
16 to 19 years	227	60	58	109	48.0	226	139	86	38.3
20 years and over	5,552	4,151	570	831	15.0	806	705	100	12.5
20 to 24 years	901	530	124	247	27.5	175	138	37	21.1
25 years and over	4,651	3,621	446	583	12.5	631	568	64	10.1
25 to 54 years	4,121	3,213	372	536	13.0	452	401	50	11.1
55 years and over	530	409	74	47	8.9	179	166	14	7.8

1 Employed persons with a job but not at work are distributed proportionately among the full- and part-time employed categories.

HOUSEHOLD DATA

A-9. Employment status of the noninstitutional population by family relationship

(Numbers in thousands)

Family relationship	November 1982									
	Civilian labor force					Not in labor force				
	Total	Percent of population	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
				Number	Percent of labor force					
Total, 16 years and over	110,855	64.1	99,379	11,476	10.4	62,203	31,640	9,835	2,537	18,191
Husbands	39,629	79.8	36,908	2,721	6.9	10,002	156	261	876	8,709
With employed wife	22,090	91.9	20,734	1,356	6.1	1,955	52	140	277	1,486
With unemployed wife	1,958	93.7	1,578	380	19.4	132	7	9	28	88
With wife not in labor force	15,581	66.3	14,596	985	6.3	7,914	97	112	571	7,135
Wives	26,135	52.7	24,045	2,090	8.0	23,495	20,858	411	271	1,955
With employed husband	22,312	60.5	20,734	1,578	7.1	14,596	13,419	341	88	748
With unemployed husband	1,736	63.8	1,356	380	21.9	985	925	15	8	37
With husband not in labor force	2,087	20.9	1,955	132	6.3	7,914	6,515	55	175	1,169
Relatives in married-couple families	13,523	61.5	10,981	2,542	18.8	8,471	813	6,060	287	1,310
16 to 19 years	5,395	51.7	4,219	1,176	21.8	5,035	104	4,624	12	295
20 to 24 years	5,270	75.7	4,372	898	17.0	1,695	114	1,294	30	257
25 years and over	2,858	62.1	2,390	468	16.4	1,741	595	142	245	758
Females who maintain families	5,770	60.1	5,036	733	12.7	3,834	2,930	174	132	598
Relatives in families maintained by females	4,878	56.6	3,604	1,274	26.1	3,735	839	1,736	233	926
16 to 19 years	1,357	46.1	853	504	37.1	1,585	90	1,349	2	143
20 to 24 years	1,526	70.7	1,093	433	28.4	632	142	320	12	158
25 years and over	1,995	56.8	1,658	337	16.9	1,518	607	67	219	625
Males who maintain families	1,865	75.2	1,648	217	11.6	615	41	26	84	463
Relatives in families maintained by males	1,589	59.0	1,263	326	20.5	1,105	437	348	74	247
16 to 19 years	307	50.8	200	107	34.8	298	16	257	2	24
20 to 24 years	468	76.4	367	101	21.6	144	45	67	3	29
25 years and over	814	55.1	696	118	14.5	663	376	24	69	194
Persons living alone	10,427	53.9	9,657	770	7.4	8,913	4,853	278	467	3,316
Males	5,391	71.4	4,864	527	9.8	2,162	1104	157	196	1,699
Females	5,036	42.7	4,793	243	4.8	6,751	4,743	120	270	1,618
All others[1]	7,039	77.6	6,237	803	11.4	2,033	713	541	113	667

[1] The majority of these persons are living with nonrelatives. Also included are persons in married-couple families where the husband is in the Armed Forces, persons in secondary families, and some whose family status is unknown.

A-10. Unemployed persons by marital status, race, age, and sex

Marital status, race, and age	Men				Women			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	Nov. 1981	Nov. 1982	Nov. 1981	Nov. 1982	Nov. 1981	Nov. 1982	Nov. 1981	Nov. 1982
Total, 16 years and over	4,789	6,660	7.8	10.7	3,887	4,816	8.2	9.9
Married, spouse present	1,866	2,868	4.6	7.1	1,658	2,199	6.4	8.3
Widowed, divorced, or separated	536	791	9.7	13.9	818	921	8.7	9.8
Single (never married)	2,388	3,000	15.3	18.7	1,411	1,697	11.7	13.6
White, 16 years and over	3,729	5,231	6.8	9.5	2,980	3,690	7.2	8.9
Married, spouse present	1,536	2,434	4.2	6.6	1,375	1,855	5.9	7.8
Widowed, divorced, or separated	387	606	8.6	13.1	586	667	7.8	8.9
Single (never married)	1,806	2,191	13.5	16.2	976	1,168	9.6	11.3
Black and other, 16 years and over	1,060	1,428	15.0	19.2	947	1,127	14.3	16.5
Married, spouse present	330	434	8.7	11.1	283	348	10.2	12.1
Widowed, divorced, or separated	149	185	14.3	17.7	229	254	12.0	13.6
Single (never married)	581	809	26.0	32.3	435	529	22.0	25.1
Total, 20 to 64 years of age	3,725	5,036	6.7	9.6	3,020	3,902	7.1	9.0
Married, spouse present	1,794	2,781	4.6	7.1	1,591	2,082	6.3	8.1
Widowed, divorced, or separated	520	771	9.9	14.2	768	883	8.8	10.2
Single (never married)	1,411	1,883	12.5	15.7	661	937	7.5	10.6
White, 20 to 64 years of age	2,864	4,278	5.8	8.6	2,277	2,976	6.3	8.0
Married, spouse present	1,473	2,363	4.2	6.7	1,312	1,754	5.8	7.6
Widowed, divorced, or separated	376	589	8.8	13.3	552	634	8.0	9.2
Single (never married)	1,014	1,326	10.7	13.3	415	590	6.1	8.2
Black and other, 20 to 64 years of age	861	1,159	13.4	17.2	743	924	12.3	14.8
Married, spouse present	321	419	8.8	11.1	280	329	10.3	11.9
Widowed, divorced, or separated	144	182	14.5	18.5	216	250	11.9	13.9
Single (never married)	396	558	22.5	27.9	247	347	16.2	20.5

A-11. Unemployed persons by occupation and sex

Occupation	Thousands of persons		Unemployment rates					
			Total		Males		Females	
	Nov. 1981	Nov. 1982	Nov. 1981	Nov. 1982	Nov. 1981	Nov. 1982	Nov. 1981	Nov. 1982
Total, 16 years and over	8,676	11,476	7.9	10.4	7.8	10.7	8.2	9.9
White-collar workers	2,274	3,060	4.1	5.6	2.8	4.1	5.1	6.8
Professional and technical	441	633	2.6	3.5	2.2	3.2	3.0	3.9
Managers and administrators, except farm	359	486	3.1	4.0	2.5	3.2	3.4	4.9
Sales workers	331	442	4.8	6.2	3.5	5.2	6.4	7.3
Clerical workers	1,143	1,499	6.6	7.5	4.8	7.4	6.1	7.5
Blue-collar workers	3,826	5,301	11.1	15.8	10.6	15.1	12.1	17.0
Craft and kindred workers	1,008	1,501	7.5	11.0	7.7	11.4	5.1	6.5
Carpenters and other construction craft workers	509	712	12.5	16.4	12.6	16.7	8.1	8.7
All other	499	789	5.3	8.5	5.8	8.7	4.8	6.3
Operatives, except transport	1,585	2,257	13.3	20.2	12.3	19.9	16.7	23.6
Transport equipment operatives	343	466	8.9	12.2	8.9	12.2	8.9	11.9
Nonfarm laborers	890	1,077	16.6	19.8	16.8	20.2	16.2	19.2
Construction laborers	240	298	24.6	28.5	24.5	28.5	(1)	(1)
All other	650	783	14.8	17.7	14.9	18.1	15.6	19.4
Service workers	1,446	1,705	9.6	11.8	9.5	11.6	9.8	10.5
Private household	50	85	4.3	7.0	(1)	(1)	4.2	7.9
All other	1,396	1,620	10.0	11.3	9.5	11.7	10.4	11.0
Farm workers	204	256	7.1	8.7	8.5	9.7	5.4	13.2
No previous work experience	925	1,155	--	--	--	--	--	--
16 to 19 years	662	862	--	--	--	--	--	--
20 to 24 years	166	168	--	--	--	--	--	--
25 years and over	96	125	--	--	--	--	--	--

1 Percent not shown where base is less than 75,000

A-12. Unemployed persons by industry and sex

Industry	Percent distribution		Unemployment rates					
			Total		Males		Females	
	Nov. 1981	Nov. 1982	Nov. 1981	Nov. 1982	Nov. 1981	Nov. 1982	Nov. 1981	Nov. 1982
Total, 16 years and over	100.0	100.0	7.9	10.4	7.8	10.7	8.2	9.9
Nonagricultural private wage and salary workers	74.7	78.1	8.0	11.0	8.1	11.6	8.0	10.2
Mining	.9	1.4	6.3	15.9	6.9	18.2	3.7	1.9
Construction	9.2	8.8	15.7	19.4	16.1	19.9	11.5	13.5
Manufacturing	23.8	27.4	9.0	14.2	8.0	13.3	11.0	16.0
Durable goods	14.4	18.9	9.0	16.4	8.6	15.8	10.0	17.9
Lumber and wood products	1.4	1.0	17.5	17.7	17.1	17.9	20.5	17.1
Furniture and fixtures	.7	.7	10.5	15.3	9.4	13.5	12.6	19.3
Stone, clay, and glass products	.6	.9	7.4	16.7	6.5	16.1	10.6	19.9
Primary metal industries	1.7	2.5	11.8	26.7	12.3	26.3	8.1	29.9
Fabricated metal products	1.8	2.2	10.4	18.2	10.1	18.1	11.4	18.3
Machinery, except electrical equipment	2.1	3.9	6.2	16.1	5.7	15.8	7.7	17.3
Electrical equipment	2.3	2.9	8.0	13.0	6.2	10.7	10.3	16.9
Transportation equipment	2.8	3.2	10.5	17.5	10.1	16.3	12.0	22.2
Automobiles	2.0	2.1	14.5	23.1	13.2	20.4	20.0	34.9
Other transportation equipment	.8	1.1	6.1	12.2	6.8	12.2	2.5	11.5
Instruments and related products	.2	.6	3.4	10.5	1.9	9.5	5.5	11.8
Other durable goods industries	.7	.9	8.5	12.7	8.2	7.2	9.3	19.5
Nondurable goods	9.4	8.5	9.0	11.0	6.8	8.8	12.0	18.1
Food and kindred products	2.4	2.2	11.1	13.1	8.7	11.0	16.5	17.3
Textile mill products	1.2	.7	12.8	10.6	12.0	10.2	13.5	11.2
Apparel and other textile products	1.9	1.8	12.1	16.0	9.3	14.5	12.8	16.4
Paper and allied products	.5	.5	5.4	7.4	3.7	6.9	11.4	9.2
Printing and publishing	.8	.9	4.2	6.6	2.4	6.5	6.4	6.7
Chemicals and allied products	.8	.8	5.5	7.9	3.6	6.0	9.8	12.1
Rubber and plastics products	1.0	.8	12.0	12.9	12.2	10.4	11.7	17.5
Other nondurable goods industries	.8	.8	10.9	14.0	8.3	8.4	14.7	21.2
Transportation and public utilities	3.4	4.0	5.0	7.9	5.5	8.2	3.7	6.9
Railroads and railway express	.3	.6	4.1	13.3	4.2	12.7	(1)	(1)
Other transportation	2.5	2.7	7.5	11.4	8.3	11.5	6.5	10.9
Communication and other public utilities	.6	.6	2.0	2.9	2.2	2.6	1.8	3.6
Wholesale and retail trade	20.1	19.2	8.5	10.4	7.5	9.5	9.6	11.9
Finance, insurance, and real estate	2.1	2.9	3.3	5.6	2.9	5.7	3.5	5.5
Service industries	15.2	14.3	6.8	8.1	7.3	9.0	6.5	7.5
Professional services	6.1	5.3	4.7	5.2	4.3	5.0	4.5	5.3
All other service industries	9.1	9.0	9.7	12.1	10.0	12.6	9.5	11.6
Agricultural wage and salary workers	2.9	2.9	15.7	17.8	14.5	16.7	20.0	22.3
All other classes of workers	11.7	9.0	3.5	3.9	3.4	3.7	4.5	4.2
No previous work experience	10.7	10.1	--	--	--	--	--	--

1 Percent not shown where base is less than 75,000

HOUSEHOLD DATA

A-13. Unemployed persons by reason for unemployment, sex, age, and race

Reason for unemployment	Total unemployed		Males, 20 years and over		Females, 20 years and over		Both sexes, 16 to 19 years		White		Black and other	
	Nov. 1981	Nov. 1982	Nov. 1981	Nov. 1982	Nov. 1981	Nov. 1982	Nov. 1981	Nov. 1982	Nov. 1981	Nov. 1982	Nov. 1981	Nov. 1982
NUMBER OF UNEMPLOYED												
Total unemployed, in thousands	8,676	11,476	3,773	5,523	3,063	3,946	1,841	2,007	6,669	8,521	2,007	2,955
Job losers	4,553	7,029	2,730	4,449	1,364	2,097	459	484	3,531	5,506	1,023	1,523
On layoff	1,946	2,261	945	1,518	469	616	132	127	1,303	1,931	242	330
Other job losers	3,007	4,768	1,785	2,931	895	1,481	327	357	2,228	3,615	791	1,193
Job leavers	922	795	344	284	401	377	176	134	760	668	161	126
Reentrants	2,276	2,502	583	673	1,150	1,298	543	532	1,713	1,931	563	572
New entrants	925	1,149	116	118	147	175	663	857	665	775	263	374
PERCENT DISTRIBUTION												
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers	52.5	61.3	72.3	80.6	44.5	53.1	24.9	24.2	52.9	62.1	51.0	51.5
On layoff	17.8	19.7	25.0	27.5	15.3	15.6	7.1	6.4	19.5	21.6	12.1	12.9
Other job losers	34.7	41.6	47.3	53.1	29.2	37.5	17.8	17.8	33.4	40.5	38.9	45.1
Job leavers	10.6	6.9	9.1	5.1	13.1	9.6	9.6	6.7	11.4	7.5	8.0	4.9
Reentrants	26.2	21.8	15.5	12.2	37.5	32.9	29.5	26.5	25.7	21.6	28.1	22.4
New entrants	10.7	10.0	3.1	2.1	4.8	4.4	36.0	42.7	10.0	8.7	12.9	19.6
UNEMPLOYMENT RATE												
Total unemployment rate	7.9	10.4	6.6	9.5	7.0	8.9	21.8	24.8	7.0	9.2	14.6	17.9
Job loser rate[1]	4.2	6.3	4.8	7.6	3.2	4.7	5.5	6.0	3.7	5.7	7.5	10.4
Job leaver rate[1]	.8	.7	.6	.5	.9	.8	2.1	1.7	.8	.7	1.2	.9
Reentrant rate[1]	2.1	2.3	1.0	1.2	2.6	2.9	6.4	6.6	1.8	2.0	4.1	4.0
New entrant rate[1]	.8	1.0	.2	.2	.3	.4	7.8	10.6	.7	.9	1.9	2.6

[1] Unemployment rates are calculated as a percent of the civilian labor force.

A-14. Unemployed persons by reason for unemployment, sex, age, and duration of unemployment

(Percent distribution)

Reason, sex, and age	November 1982						
	Total unemployed		Duration of unemployment				
					15 weeks and over		
	Thousands of persons	Percent	Less than 5 weeks	5 to 14 weeks	Total	15 to 26 weeks	27 weeks and over
Total, 16 years and over	11,476	100.0	34.1	30.8	35.2	16.7	18.5
Job losers	7,029	100.0	30.8	29.3	39.9	17.5	22.4
On layoff	2,261	100.0	44.3	26.8	28.9	13.4	15.5
Other job losers	4,768	100.0	24.4	30.5	45.0	19.4	25.6
Job leavers	795	100.0	32.3	36.2	31.6	17.6	13.9
Reentrants	2,502	100.0	41.9	33.8	24.3	12.8	11.5
New entrants	1,149	100.0	38.1	29.2	32.8	19.6	13.1
Males, 20 years and over	5,523	100.0	29.4	30.1	40.5	17.1	23.3
Job losers	4,449	100.0	29.4	29.3	41.3	17.2	24.1
On layoff	1,518	100.0	43.3	26.5	30.2	14.5	15.8
Other job losers	2,931	100.0	22.2	30.8	47.0	18.7	28.3
Job leavers	284	100.0	29.7	29.9	40.4	22.7	17.7
Reentrants	673	100.0	29.9	36.2	33.9	14.8	19.1
New entrants	118	100.0	28.0	24.4	47.6	13.3	34.3
Females, 20 years and over	3,946	100.0	35.9	30.9	33.2	16.1	17.1
Job losers	2,097	100.0	30.4	28.8	40.8	19.3	21.6
On layoff	616	100.0	43.4	27.0	29.6	12.4	17.1
Other job losers	1,481	100.0	24.9	29.5	45.5	22.1	23.4
Job leavers	377	100.0	31.1	37.0	31.8	16.7	15.1
Reentrants	1,298	100.0	46.2	32.3	21.6	10.9	10.7
New entrants	175	100.0	35.5	33.3	31.2	15.1	16.1
Both sexes, 16 to 19 years	2,007	100.0	43.2	32.3	24.5	16.6	7.9
Job losers	484	100.0	45.9	31.9	22.3	11.5	10.7
On layoff	127	100.0	60.3	29.3	10.4	5.5	4.9
Other job losers	357	100.0	40.7	32.8	26.5	13.7	12.8
Job leavers	134	100.0	40.8	47.1	12.1	9.6	2.5
Reentrants	532	100.0	46.7	34.3	19.0	15.1	3.9
New entrants	857	100.0	40.0	29.0	31.1	21.4	9.6

A-15. Unemployed jobseekers by sex, age, race, and jobsearch methods used

Sex, age, and race	November 1982								
	Thousands of persons		Methods used as a percent of total jobseekers						Average number of methods used
	Total unemployed	Total jobseekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives	Other	
Total, 16 years and over	11,476	9,097	23.2	5.8	79.7	34.8	16.5	4.3	1.68
16 to 19 years	2,007	1,863	13.5	3.2	84.0	25.5	13.5	3.1	1.61
20 to 24 years	2,499	2,041	25.0	5.2	81.4	35.2	15.3	3.6	1.65
25 to 34 years	3,227	2,438	27.3	6.2	77.9	38.3	18.2	4.3	1.73
35 to 44 years	1,845	1,374	27.7	7.6	77.9	37.9	20.1	4.0	1.75
45 to 54 years	1,097	779	25.5	8.1	76.9	36.6	18.0	6.0	1.73
55 to 64 years	670	492	19.3	7.7	74.8	36.4	20.5	10.4	1.77
65 years and over	131	111	9.9	2.7	76.6	28.9	18.9	6.9	1.61
Males, 16 years and over	6,660	4,988	25.7	5.9	81.0	32.7	16.7	5.7	1.73
16 to 19 years	1,136	1,026	14.9	3.8	84.3	24.2	16.8	2.8	1.67
20 to 24 years	1,471	1,165	26.8	5.5	82.5	33.7	17.6	4.3	1.73
25 to 34 years	1,890	1,310	31.2	5.2	80.9	35.2	17.9	6.1	1.76
35 to 44 years	1,061	728	30.6	9.1	79.5	35.6	22.5	5.8	1.83
45 to 54 years	617	416	29.6	7.9	76.0	36.1	20.7	9.8	1.80
55 to 64 years	397	274	20.4	8.6	71.9	38.7	21.5	15.3	1.76
65 years and over	87	70	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Females, 16 years and over	4,816	4,109	20.2	5.5	78.1	37.3	13.9	2.7	1.57
16 to 19 years	870	838	11.8	2.4	83.5	27.1	9.5	3.5	1.39
20 to 24 years	1,028	876	22.6	4.7	79.9	37.0	12.2	3.6	1.53
25 to 34 years	1,337	1,128	22.7	7.3	74.6	41.2	14.2	2.2	1.62
35 to 44 years	784	647	24.3	5.9	76.0	40.6	17.5	2.2	1.66
45 to 54 years	479	363	20.7	8.3	78.0	41.6	14.9	1.9	1.65
55 to 64 years	273	218	17.9	6.4	78.4	38.5	19.3	4.6	1.65
65 years and over	44	41	(1)	(1)	(1)	(1)	(1)	(1)	(1)
White, 16 years and over	8,921	6,894	22.2	5.8	79.5	36.6	15.9	4.7	1.65
Males	5,231	3,786	24.7	6.0	80.8	34.2	18.0	6.4	1.73
Females	3,690	3,108	19.1	5.6	78.0	39.5	13.3	3.5	1.58
Black and other, 16 years and over	2,555	2,203	26.9	5.6	80.2	29.0	18.2	3.4	1.61
Males	1,428	1,202	28.8	5.8	81.6	28.0	21.0	3.5	1.63
Females	1,127	1,001	23.5	5.4	78.5	30.2	15.0	3.2	1.56

(1) Percent not shown where base is less than 75,000.

NOTE: The jobseekers total is less than the total unemployed because persons on layoff or waiting to begin a new wage and salary job within 30 days are not actually seeking jobs. It should also be noted that the percent using each method will always total more than 100 because many jobseekers use more than one method.

A-16. Unemployed jobseekers by sex, reason for unemployment, and jobsearch methods used

Sex and reason	November 1982								
	Thousands of persons		Methods used as a percent of total jobseekers						Average number of methods used
	Total unemployed	Total jobseekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives	Other	
Total, 16 years and over	11,476	9,097	23.2	5.8	79.7	34.8	16.5	4.3	1.68
Job losers	7,029	4,734	29.8	6.6	81.0	36.9	18.0	4.7	1.77
Job leavers	795	802	21.4	6.9	79.6	39.2	13.7	3.5	1.64
Reentrants	2,502	2,420	14.9	4.7	77.6	33.2	14.4	4.5	1.49
New entrants	1,149	1,141	14.5	3.8	78.6	26.2	16.6	3.4	1.43
Males, 16 years and over	6,660	4,988	25.7	5.9	81.0	32.7	16.7	5.7	1.73
Job losers	4,789	3,149	30.1	6.5	80.4	34.9	19.5	6.2	1.78
Job leavers	351	363	22.0	5.5	85.1	38.8	14.6	5.8	1.71
Reentrants	955	911	18.0	5.3	81.4	27.9	16.5	6.0	1.55
New entrants	565	565	16.1	4.1	80.7	24.4	21.1	3.0	1.49
Females, 16 years and over	4,816	4,109	20.2	5.5	78.1	37.3	13.7	2.7	1.57
Job losers	2,241	1,585	29.3	6.8	82.2	40.9	15.8	4.6	1.76
Job leavers	444	440	20.9	8.0	74.8	39.3	13.2	2.3	1.59
Reentrants	1,547	1,508	13.1	4.2	75.3	38.4	13.2	3.5	1.46
New entrants	585	575	13.0	3.5	76.9	27.8	12.0	3.8	1.37

NOTE: See note, table A-15.

HOUSEHOLD DATA

A-17. Unemployed persons by duration of unemployment

Duration of unemployment	Total				Full-time workers			
	Thousands of persons		Percent distribution		Thousands of persons		Percent distribution	
	Nov. 1981	Nov. 1982	Nov. 1981	Nov. 1982	Nov. 1981	Nov. 1982	Nov. 1981	Nov. 1982
Total, 16 years and over	8,676	11,476	100.0	100.0	6,947	9,528	100.0	100.0
Less than 5 weeks	3,757	3,908	43.3	34.1	2,784	2,957	40.1	31.0
5 to 14 weeks	2,816	3,530	32.5	30.8	2,269	2,873	32.7	30.2
5 to 10 weeks	2,060	2,468	23.7	21.5	1,686	1,974	24.3	20.7
11 to 14 weeks	756	1,062	8.7	9.3	583	899	8.4	9.4
15 weeks and over	2,104	4,038	24.2	35.2	1,894	3,699	27.3	38.8
15 to 26 weeks	1,066	1,914	12.3	16.7	939	1,687	13.5	17.7
27 weeks and over	1,037	2,124	12.0	18.5	954	2,012	13.7	21.1
27 to 51 weeks	497	1,060	5.7	9.2	441	1,007	6.3	10.6
52 weeks and over	541	1,063	6.2	9.3	513	1,006	7.4	10.6
Average (mean) duration, in weeks	12.9	16.9	--	--	14.1	18.4	--	--
Median duration, in weeks	6.5	9.5	--	--	7.1	10.5	--	--

A-18. Unemployed persons by sex, age, race, marital status, and duration of unemployment

Sex, age, race, and marital status	Thousands of persons					Average (mean) duration, in weeks	Median duration, in weeks	Less than 5 weeks as a percent of unemployed in group		15 weeks and over as a percent of unemployed in group	
	Total	Less than 5 weeks	5 to 14 weeks	15 to 26 weeks	27 weeks and over						
	November 1982							Nov. 1981	Nov. 1982	Nov. 1981	Nov. 1982
Total, 16 years and over	11,476	3,908	3,530	1,914	2,124	16.9	9.5	43.3	34.1	24.2	35.2
16 to 21 years	3,046	1,260	981	505	300	12.8	7.6	48.6	41.4	17.6	26.4
16 to 19 years	2,007	867	648	333	159	11.9	7.3	50.3	43.2	17.5	24.5
20 to 24 years	2,499	895	792	413	399	15.8	8.8	42.8	35.8	22.1	32.5
25 to 34 years	3,227	1,004	1,041	542	640	17.4	9.9	41.4	31.1	24.7	36.6
35 to 44 years	1,845	565	564	285	431	19.2	11.0	41.0	30.6	30.2	38.8
45 to 54 years	1,097	314	306	174	303	20.9	11.0	39.8	28.6	30.8	43.5
55 to 64 years	670	204	158	143	166	20.9	12.9	37.3	30.4	31.8	46.1
65 years and over	131	59	21	25	26	15.6	7.4	50.8	44.7	22.6	38.9
Males, 16 years and over	6,660	2,102	2,037	1,119	1,402	18.4	10.2	40.7	31.6	25.0	37.9
16 to 21 years	1,739	701	566	268	204	13.7	7.8	46.9	40.3	16.6	27.2
16 to 19 years	1,136	477	375	172	113	12.8	7.4	50.0	42.0	15.9	25.0
20 to 24 years	1,471	475	474	249	273	17.5	9.9	36.6	32.3	24.4	35.5
25 to 34 years	1,890	523	601	314	451	19.5	10.8	38.7	27.7	25.8	40.5
35 to 44 years	1,061	284	336	180	261	20.8	12.3	35.6	26.8	35.2	41.6
45 to 54 years	617	181	154	94	189	22.2	12.4	41.2	29.3	32.7	45.8
55 to 64 years	357	123	87	87	99	21.6	13.0	41.8	31.1	22.7	47.0
65 years and over	87	38	10	23	16	16.9	8.1	(1)	43.9	(1)	44.2
Females, 16 years and over	4,816	1,806	1,493	796	722	14.8	8.5	46.5	37.5	23.3	31.5
16 to 21 years	1,307	559	415	237	96	11.5	7.4	50.7	42.8	18.8	25.5
16 to 19 years	870	391	273	161	46	10.7	7.1	50.6	44.9	19.4	23.7
20 to 24 years	1,028	420	319	164	126	13.4	7.2	51.8	40.8	18.9	28.2
25 to 34 years	1,337	481	439	228	189	14.4	8.6	44.8	35.9	23.4	31.2
35 to 44 years	784	281	228	105	170	17.2	9.4	46.7	35.9	25.0	35.0
45 to 54 years	479	133	152	80	115	19.3	10.4	38.2	27.7	28.6	40.6
55 to 64 years	213	80	71	56	66	19.9	12.8	31.9	29.4	42.5	44.7
65 years and over	44	21	11	2	10	13.1	7.1	(1)	(1)	(1)	(1)
White, 16 years and over	8,921	3,055	2,823	1,475	1,568	16.2	9.3	44.4	34.2	22.8	34.1
Males	5,231	1,649	1,621	898	1,063	18.0	10.1	42.1	31.5	23.1	37.5
Females	3,650	1,406	1,202	576	505	13.7	8.2	47.4	38.1	22.3	29.3
Black and other, 16 years and over	2,555	853	706	440	556	19.3	10.2	39.5	33.4	29.2	39.0
Males	1,428	453	416	220	340	20.1	10.6	35.7	31.7	31.7	39.2
Females	1,127	400	291	219	216	18.1	9.7	43.8	35.5	26.4	38.7
Males, 16 years and over											
Married, spouse present	2,888	879	821	485	684	19.5	10.8	40.4	30.6	26.2	40.7
Widowed, divorced, or separated	791	220	249	133	189	20.9	11.8	36.4	27.8	32.4	40.8
Single (never married)	3,000	1,003	967	500	530	16.7	9.4	41.8	33.4	22.5	34.3
Females, 16 years and over											
Married, spouse present	2,159	811	721	343	324	14.3	8.4	45.5	36.9	22.6	30.3
Widowed, divorced, or separated	921	319	270	139	198	17.2	9.4	42.6	34.6	28.1	36.1
Single (never married)	1,697	676	502	319	200	14.0	8.2	50.0	39.9	21.3	30.6

(1) Percent not shown where base is less than 75,000.

A-19. Unemployed persons by occupation, industry, and duration of unemployment

Occupation and industry	Thousands of persons					Average (mean) duration, in weeks	Median duration, in weeks	Less than 5 weeks as a percent of unemployed in group		15 weeks and over as a percent of unemployed in group	
	Total	Less than 5 weeks	5 to 14 weeks	15 to 26 weeks	27 weeks and over			Nov. 1981	Nov. 1982	Nov. 1981	Nov. 1982
	November 1982										
OCCUPATION											
White-collar workers	3,060	994	990	553	522	16.1	9.8	40.3	32.5	27.4	35.1
Professional and managerial	1,119	323	385	206	207	17.3	10.5	40.2	28.9	28.2	36.8
Sales workers	442	168	137	71	65	14.9	9.1	44.1	38.0	28.8	31.0
Clerical workers	1,499	504	468	276	250	15.7	9.5	39.3	33.6	26.4	35.1
Blue-collar workers	5,301	1,685	1,566	868	1,181	18.7	10.2	42.0	31.8	28.2	38.7
Craft and kindred workers	1,501	476	462	248	316	18.2	10.6	43.6	31.7	19.7	37.6
Operatives, except transport	2,257	731	623	366	537	18.8	10.1	42.4	32.4	25.3	40.0
Transport equipment operatives	466	124	144	77	122	21.8	11.3	42.0	26.5	26.8	42.7
Nonfarm laborers	1,077	355	338	177	207	17.7	9.8	39.7	33.0	26.4	35.6
Service workers	1,705	633	578	238	256	14.4	8.3	48.3	37.1	21.4	29.0
INDUSTRY[1]											
Agriculture	328	184	76	46	21	9.6	4.4	42.2	56.3	14.6	20.6
Construction	1,061	383	341	157	180	16.4	8.6	46.1	36.1	20.6	31.8
Manufacturing	3,153	949	888	517	799	19.6	10.9	41.5	30.1	26.1	41.7
Durable goods	2,172	600	591	391	589	20.7	12.8	39.4	27.6	27.2	45.2
Nondurable goods	982	348	297	126	210	17.3	8.5	44.9	35.5	24.5	34.2
Transportation and public utilities	516	165	140	101	110	19.7	11.3	40.8	31.9	30.4	41.0
Wholesale and retail trade	2,209	804	723	370	311	14.3	8.9	45.3	36.4	21.2	30.9
Finance and service industries	2,408	805	799	383	422	16.5	9.4	41.2	33.4	25.8	33.4
Public administration	262	76	89	42	55	19.4	10.2	35.9	29.1	31.9	36.9
No previous work experience	1,155	441	337	226	151	16.1	8.6	48.0	38.2	23.7	32.6

[1] Includes wage and salary workers only.

A-20. Employed persons by industry, age, and sex

(In thousands)

Industry and age	Total		Males		Females	
	Nov. 1981	Nov. 1982	Nov. 1981	Nov. 1982	Nov. 1981	Nov. 1982
All industries	100,502	99,379	56,902	55,707	43,601	43,672
16 to 19 years	6,614	6,089	3,431	3,037	3,183	3,052
16 to 17 years	2,571	2,251	1,340	1,122	1,231	1,129
18 to 19 years	4,043	3,838	2,091	1,915	1,952	1,923
20 to 24 years	13,997	13,510	7,313	7,015	6,684	6,495
25 to 54 years	65,461	65,379	37,524	37,111	27,937	28,269
25 to 34 years	28,631	28,353	16,313	15,965	12,318	12,388
35 to 44 years	20,599	21,177	11,752	11,980	8,847	9,197
45 to 54 years	16,231	15,848	9,458	9,166	6,773	6,683
55 to 64 years	11,476	11,481	6,841	6,777	4,636	4,704
55 to 59 years	7,109	6,944	4,204	4,084	2,905	2,859
60 to 64 years	4,367	4,537	2,636	2,693	1,731	1,845
65 years and over	2,954	2,920	1,794	1,767	1,160	1,153
Nonagricultural industries	97,214	96,019	54,280	52,968	42,934	43,051
16 to 19 years	6,342	5,741	3,208	2,758	3,134	2,983
16 to 17 years	2,446	2,100	1,235	996	1,212	1,104
18 to 19 years	3,896	3,641	1,973	1,762	1,922	1,879
20 to 24 years	13,584	13,077	6,961	6,659	6,623	6,419
25 to 64 years	63,702	63,579	36,184	35,679	27,518	27,900
25 to 34 years	27,945	27,634	15,784	15,374	12,161	12,260
35 to 44 years	20,051	20,601	11,346	11,534	8,706	9,067
45 to 54 years	15,706	15,344	9,055	8,771	6,650	6,573
55 to 64 years	10,929	10,996	6,402	6,368	4,527	4,628
55 to 59 years	6,818	6,681	3,978	3,871	2,840	2,810
60 to 64 years	4,111	4,315	2,424	2,498	1,687	1,817
65 years and over	2,657	2,626	1,524	1,504	1,133	1,123
Agriculture	3,288	3,360	2,622	2,739	666	620
16 to 19 years	272	348	223	280	49	68
16 to 17 years	124	150	105	127	20	24
18 to 19 years	148	197	118	153	30	44
20 to 24 years	414	433	352	356	62	77
25 to 64 years	1,759	1,801	1,338	1,431	421	369
25 to 34 years	686	720	530	591	156	129
35 to 44 years	548	576	406	446	142	130
45 to 54 years	525	505	402	394	122	110
55 to 64 years	547	485	439	409	108	76
55 to 59 years	291	262	227	214	64	49
60 to 64 years	256	223	212	195	44	27
65 years and over	296	294	270	264	26	39

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A-21. Employed persons by occupation, sex, and age

(In thousands)

Occupation	Total		Males, 20 years and over		Females, 20 years and over		Males, 16-19 years		Females, 16-19 years	
	Nov. 1981	Nov. 1982	Nov. 1981	Nov. 1982	Nov. 1981	Nov. 1982	Nov. 1981	Nov. 1982	Nov. 1981	Nov. 1982
TOTAL	100,502	99,379	53,471	52,670	40,418	40,620	3,431	3,037	3,183	3,052
White collar workers	53,415	54,105	24,044	24,325	27,144	27,651	571	545	1,656	1,584
Professional and technical	16,830	17,298	9,163	9,283	7,535	7,886	66	46	66	83
Health workers	3,177	3,306	1,031	1,079	2,128	2,210	5	1	13	17
Teachers, except college	3,440	3,470	997	1,009	2,429	2,446	2	--	13	15
Other professional and technical	10,213	10,522	7,135	7,195	2,978	3,230	59	45	40	51
Managers and administrators, except farm	11,392	11,588	8,179	8,294	3,104	3,205	50	48	58	40
Salaried workers	9,496	9,734	6,757	6,934	2,634	2,716	46	45	59	40
Self-employed workers in retail trade	841	807	559	527	286	278	1	1	--	1
Self-employed workers, except retail trade	1,055	1,047	869	834	183	211	3	2	--	--
Sales workers	6,507	6,706	3,307	3,388	2,609	2,726	214	223	377	369
Retail trade	3,309	3,406	980	1,105	1,822	1,831	163	156	344	316
Other industries	3,198	3,300	2,326	2,283	787	894	51	70	33	53
Clerical workers	18,686	18,518	3,395	3,360	13,896	13,835	242	227	1,154	1,092
Stenographers, typists, and secretaries	4,915	4,946	59	80	4,609	4,593	9	6	239	268
Other clerical workers	13,771	13,568	3,336	3,280	9,287	9,242	233	221	916	824
Blue-collar workers	30,754	28,758	23,107	21,665	5,642	5,139	1,740	1,467	266	287
Craft and kindred workers	12,386	12,114	11,189	10,854	853	912	322	323	23	25
Carpenters	1,042	1,097	992	1,011	16	38	31	48	2	--
Construction craft workers, except carpenters	2,515	2,524	2,367	2,397	61	47	86	73	--	7
Mechanics and repairers	3,288	3,234	3,118	3,043	69	73	99	118	1	--
Metal craft workers	1,254	1,076	1,174	1,013	44	40	33	20	1	1
Blue-collar worker supervisors, not elsewhere classified	1,863	1,651	1,624	1,423	228	225	11	3	--	--
All other	2,425	2,533	1,913	1,966	434	490	60	62	18	15
Operatives, except transport	10,368	8,927	5,687	4,941	4,009	3,508	520	325	152	152
Durable goods manufacturing	4,472	3,649	2,795	2,238	1,491	1,287	148	80	40	44
Nondurable goods manufacturing	3,217	2,972	1,242	1,215	1,813	1,639	104	53	59	65
Other industries	2,678	2,307	1,651	1,488	706	582	268	192	54	44
Transport equipment operatives	3,513	3,345	3,060	2,938	316	285	130	102	7	20
Drivers, motor vehicles	3,019	2,911	2,600	2,545	296	259	117	87	6	20
All other	494	434	460	393	20	26	13	15	1	--
Nonfarm laborers	4,486	4,372	3,171	3,132	463	433	768	717	84	90
Construction	735	738	629	609	9	24	95	101	2	4
Manufacturing	993	794	762	607	140	136	85	43	6	8
Other industries	2,757	2,840	1,780	1,915	314	274	588	573	76	78
Service workers	13,632	13,840	4,309	4,476	7,174	7,423	925	806	1,224	1,135
Private household workers	1,107	1,125	13	29	864	860	10	14	219	223
Service workers, except private household	12,525	12,714	4,295	4,447	6,310	6,563	915	792	1,005	912
Food service workers	4,806	4,765	1,021	1,121	2,420	2,472	623	550	742	626
Protective service workers	1,482	1,621	1,308	1,406	151	183	22	23	1	9
All other	6,237	6,324	1,966	1,920	3,739	3,908	270	219	262	277
Farm workers	2,701	2,676	2,012	2,004	457	407	195	220	37	46
Farmers and farm managers	1,498	1,454	1,325	1,270	154	171	15	13	3	--
Farm laborers and supervisors	1,204	1,222	687	734	304	236	180	206	34	46
Paid workers	926	1,008	654	710	116	106	134	154	21	38
Unpaid family workers	278	214	33	24	187	130	45	52	13	8

A-22. Employed persons by occupation, race, and sex

(Percent distribution)

Occupation and race	Total		Males		Females	
	Nov. 1981	Nov. 1982	Nov. 1981	Nov. 1982	Nov. 1981	Nov. 1982
TOTAL						
Total, 16 years and over (thousands)	100,502	99,379	58,502	55,707	41,601	43,672
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	53.1	54.4	43.3	44.6	66.1	66.1
Professional and technical	16.7	17.4	16.2	16.7	17.4	18.2
Managers and administrators, except farm	11.3	11.7	10.5	10.9	7.3	7.4
Sales workers	6.5	6.7	6.2	6.5	6.8	7.1
Clerical workers	18.6	18.6	6.4	6.4	34.5	34.2
Blue-collar workers	30.6	28.9	43.7	41.9	13.5	12.4
Craft and kindred workers	12.3	12.2	20.2	20.1	2.0	2.1
Operatives, except transport	10.3	9.0	10.9	9.5	9.5	8.4
Transport equipment operatives	3.5	3.4	5.6	5.5	.7	.7
Nonfarm laborers	4.5	4.4	6.9	6.9	1.3	1.2
Service workers	13.6	13.9	9.2	9.5	19.1	19.6
Private household workers	1.1	1.1	(1)	.1	2.5	2.5
Other service workers	12.5	12.8	9.2	9.4	16.6	17.1
Farm workers	2.7	2.7	3.9	3.9	1.1	1.0
Farmers and farm managers	1.5	1.5	2.4	2.3	.4	.4
Farm laborers and supervisors	1.2	1.2	1.5	1.7	.8	.6
White						
Total, 16 years and over (thousands)	88,800	87,672	50,904	49,664	37,895	37,989
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	54.6	56.1	44.6	46.3	68.1	68.9
Professional and technical	17.1	17.8	16.6	17.2	17.7	18.5
Managers and administrators, except farm	12.1	12.5	15.4	15.9	7.8	8.0
Sales workers	6.9	7.2	6.6	6.9	7.4	7.6
Clerical workers	18.6	18.6	6.1	6.2	35.3	34.8
Blue-collar workers	30.1	28.4	43.0	41.1	12.9	11.8
Craft and kindred workers	12.8	12.6	20.9	20.6	2.1	2.2
Operatives, except transport	9.7	8.5	10.4	9.1	8.7	7.7
Transport equipment operatives	3.4	3.2	5.4	5.2	.7	.7
Nonfarm laborers	4.2	4.1	6.4	6.3	1.3	1.2
Service workers	12.4	12.7	8.3	8.5	17.9	18.2
Private household workers	.9	.9	(1)	.1	2.0	2.1
Other service workers	11.5	11.8	8.3	8.4	15.8	16.1
Farm workers	2.9	2.9	4.1	4.2	1.2	1.1
Farmers and farm managers	1.7	1.6	2.6	2.5	.4	.4
Farm laborers and supervisors	1.2	1.2	1.5	1.6	.8	.7
Black and other						
Total, 16 years and over (thousands)	11,703	11,707	5,998	6,024	5,705	5,684
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	41.8	42.3	31.7	31.3	53.4	54.3
Professional and technical	14.3	14.6	13.0	13.1	15.7	16.6
Managers and administrators, except farm	5.4	5.5	6.8	7.0	3.9	3.9
Sales workers	3.2	3.2	3.1	3.0	3.3	3.4
Clerical workers	18.9	18.8	8.9	8.2	29.4	30.1
Blue-collar workers	34.3	32.8	49.4	48.2	18.4	15.4
Craft and kindred workers	8.7	8.9	15.4	15.9	1.6	1.5
Operatives, except transport	14.9	12.8	15.0	12.8	14.9	12.9
Transport equipment operatives	4.3	4.4	7.7	7.7	.7	.8
Nonfarm laborers	6.3	6.7	11.3	11.8	1.1	1.1
Service workers	22.8	23.2	16.5	17.8	28.6	28.9
Private household workers	2.8	2.7	(1)	.2	5.7	5.3
Other service workers	19.6	20.6	16.5	17.6	22.9	23.6
Farm workers	1.5	1.7	2.8	2.6	.5	.5
Farmers and farm managers	.2	.2	.4	.3	.1	.1
Farm laborers and supervisors	1.3	1.5	2.0	2.3	.5	.5

[1] Less than 0.05 percent.

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A-23. Employed persons by age, sex, and class of worker

(In thousands)

Age and sex	November 1982								
	Nonagricultural industries						Agriculture		
	Wage and salary workers				Self employed	Unpaid family workers	Wage and salary workers	Self employed	Unpaid family workers
	Total	Private household workers	Government	Other					
Total, 16 years and over	88,327	1,254	15,668	71,404	7,338	354	1,516	1,615	229
16 to 19 years	5,626	289	334	5,004	99	15	259	24	64
16 to 17 years	2,044	193	91	1,760	49	8	96	18	40
18 to 19 years	3,583	96	243	3,244	51	8	163	10	25
20 to 24 years	12,726	128	1,348	11,250	333	19	314	99	20
25 to 34 years	25,838	189	4,482	21,167	1,733	63	383	312	29
35 to 44 years	18,636	157	3,986	14,493	1,856	110	232	302	42
45 to 54 years	13,761	154	3,122	10,484	1,506	78	162	302	41
55 to 64 years	9,689	209	2,060	7,420	1,258	49	112	347	26
55 to 59 years	5,950	95	1,324	4,531	697	35	76	168	19
60 to 64 years	3,739	114	736	2,890	561	15	37	179	7
65 years and over	2,051	129	337	1,586	554	21	53	229	12
Males, 16 years and over	47,973	185	7,598	40,191	4,959	38	1,241	1,419	80
16 to 19 years	2,682	65	127	2,489	65	11	199	24	56
16 to 17 years	960	43	32	886	31	5	74	15	37
18 to 19 years	1,721	23	95	1,604	34	6	125	10	19
20 to 24 years	6,452	28	595	5,828	203	4	251	92	13
25 to 34 years	14,289	30	2,102	12,118	1,120	5	315	271	5
35 to 44 years	10,312	10	1,940	8,362	1,219	3	192	255	--
45 to 54 years	7,706	14	1,612	6,080	1,060	5	135	258	1
55 to 64 years	5,462	12	1,037	4,413	901	5	99	307	3
55 to 59 years	3,348	5	685	2,678	518	5	65	185	4
60 to 64 years	2,114	8	371	1,735	382	1	34	162	--
65 years and over	1,111	26	184	901	392	1	49	212	3
Females, 16 years and over	40,353	1,070	8,071	31,213	2,379	319	275	197	149
16 to 19 years	2,945	223	207	2,515	34	4	60	--	8
16 to 17 years	1,084	150	59	874	18	3	22	--	2
18 to 19 years	1,861	73	148	1,640	16	2	38	--	6
20 to 24 years	6,274	101	752	5,421	130	14	62	8	7
25 to 34 years	11,589	159	2,380	9,049	613	58	68	41	19
35 to 44 years	8,324	147	2,045	6,131	637	136	40	47	83
45 to 54 years	6,055	141	1,510	4,404	446	72	27	44	40
55 to 64 years	4,226	196	1,023	3,007	357	44	13	40	23
55 to 59 years	2,602	91	659	1,853	179	30	11	23	15
60 to 64 years	1,625	106	364	1,154	178	14	2	17	8
65 years and over	941	103	153	685	162	20	4	17	9

A-24. Employed persons by industry and occupation

(In thousands)

Industry	November 1982											
		White-collar workers				Blue-collar workers				Service workers		Farm workers
	Total employed	Professional and technical workers	Managers and administrators, except farm	Sales workers	Clerical workers	Craft and kindred workers	Operatives, except transport	Transport equipment operatives	Nonfarm laborers	Private household workers	Other service workers	
Agriculture	3,360	76	38	8	74	65	28	44	335	--	15	2,676
Mining	912	159	97	9	123	204	260	39	8	--	13	--
Construction	5,841	201	775	42	430	3,230	246	155	738	--	25	--
Manufacturing	19,488	2,666	1,660	500	2,559	3,660	6,621	616	794	--	408	--
Durable goods	11,487	1,839	944	174	1,501	2,295	3,649	292	498	--	216	--
Nondurable goods	8,016	827	716	327	1,057	1,365	2,972	324	296	--	192	--
Transportation and public utilities	6,547	653	726	79	1,446	1,354	156	1,474	456	--	203	--
Wholesale and retail trade	21,145	480	4,158	4,432	3,919	1,475	825	732	1,258	--	3,865	--
Wholesale trade	4,032	162	878	1,026	840	332	173	359	239	--	23	--
Retail trade	17,113	317	3,280	3,406	3,079	1,143	652	373	1,019	--	3,843	--
Finance, insurance, and real estate	6,242	435	1,228	1,367	2,721	168	10	4	58	--	271	--
Services	30,694	11,616	2,273	269	5,434	1,656	738	219	605	1,125	6,758	--
Private households	1,330	3	--	--	8	6	6	4	131	1,125	85	--
Other service industries	29,364	11,613	2,273	268	5,426	1,650	732	215	474	--	6,713	--
Public administration	5,136	1,012	632	--	1,808	301	44	63	122	--	1,155	--

A-25. Employed persons with a job but not at work by reason, sex, and pay status

(In thousands)

Reason not working and sex	All industries		Nonagricultural industries					
			Total		Wage and salary workers[1]			
					Paid absences[2]		Unpaid absences[2]	
	Nov. 1981	Nov. 1982	Nov. 1981	Nov. 1982	Nov. 1981	Nov. 1982	Nov. 1981	Nov. 1982
Total, 16 years and over	3,652	3,718	3,581	3,569	1,732	1,712	1,410	1,373
Vacation	1,247	1,368	1,229	1,329	903	934	229	254
Illness	1,389	1,289	1,370	1,250	623	586	648	561
Bad weather	76	76	70	42	--	--	--	--
Industrial dispute	22	52	22	52	--	--	--	--
All other reasons	919	932	891	895	206	187	540	556
Males, 16 years and over	2,025	2,023	1,964	1,892	1,060	1,017	635	585
Vacation	760	870	743	835	591	648	86	95
Illness	760	649	744	617	373	296	323	266
All other reasons[3]	506	504	477	439	95	73	226	224
Females, 16 years and over	1,627	1,695	1,617	1,677	672	694	777	787
Vacation	487	499	486	493	311	291	139	158
Illness	629	639	626	633	250	290	323	297
All other reasons[3]	511	557	506	551	111	113	315	333

[1] Excludes private household workers.

[2] Pay status not available separately for bad weather and industrial dispute; these categories are included in "all other reasons."

[3] Includes bad weather and industrial dispute, not shown separately.

NOTE: Estimates for "all other reasons" by pay status may be biased because of high response variance; data should be used with caution.

A-26. Persons at work by hours of work and industry

Hours of work	November 1982					
	Thousands of persons			Percent distribution		
	All industries	Nonagricultural industries	Agriculture	All industries	Nonagricultural industries	Agriculture
Total, 16 years and over	95,661	92,451	3,211	100.0	100.0	100.0
1-34 hours	30,833	29,738	1,095	32.2	32.2	34.1
1-4 hours	943	881	62	1.0	1.0	1.9
5-14 hours	5,035	4,745	290	5.3	5.1	9.0
15-29 hours	13,362	12,861	501	14.0	13.9	15.6
30-34 hours	11,493	11,251	242	12.0	12.2	7.5
35 hours and over	64,828	62,712	2,116	67.8	67.8	65.9
35-39 hours	6,226	6,094	132	6.5	6.6	4.1
40 hours	36,419	35,870	549	38.1	38.8	17.1
41 hours and over	22,183	20,748	1,435	23.2	22.4	44.7
41 to 48 hours	8,002	7,764	238	8.4	8.4	7.4
49 to 59 hours	8,089	7,699	390	8.5	8.3	12.1
60 hours and over	6,092	5,285	807	6.4	5.7	25.1
Average hours, total at work	37.3	37.1	42.5	--	--	--
Average hours, workers on full-time schedules	42.2	41.9	51.3	--	--	--

A-27. Persons at work 1 to 34 hours by reason for working less than 35 hours and usual status

[Numbers in thousands]

Reason for working less than 35 hours	November 1982					
	All industries			Nonagricultural industries		
	Total	Usually work full time	Usually work part time	Total	Usually work full time	Usually work part time
Total, 16 years and over	30,833	12,556	18,270	29,738	12,174	17,585
Economic reasons						
Slack work	6,528	2,262	4,266	6,142	2,101	4,041
Material shortages or repairs to plant and equipment	3,457	1,957	1,500	3,221	1,840	1,381
New job started during week	53	53	--	53	53	--
Job terminated during week	122	122	--	117	117	--
Could find only part time work	90	90	--	90	90	--
	2,766	--	2,766	2,660	--	2,660
Other reasons						
Does not want, or unavailable for, full time work	24,300	10,294	14,012	23,596	10,052	13,543
Vacation	11,702	--	11,702	11,343	--	11,343
Illness	1,125	1,125	--	1,112	1,112	--
Bad weather	1,440	1,294	146	1,404	1,271	133
Industrial dispute	449	449	--	300	300	--
Legal or religious holiday	8	8	--	8	8	--
Full time for this job	6,152	6,152	--	6,145	6,145	--
All other reasons	1,610	--	1,610	1,566	--	1,566
	1,820	1,266	554	1,720	1,217	503
Average hours						
Economic reasons						
Other reasons	21.7	24.7	20.1	21.8	24.8	20.2
	22.6	28.6	18.3	22.8	28.7	19.4
Worked 30 to 34 hours						
Economic reasons						
Other reasons	2,050	1,066	984	1,986	998	988
	9,843	7,234	2,609	9,305	7,158	2,147

A-28. Nonagricultural workers by industry and full- or part-time status

[Numbers in thousands]

Industry	November 1982							
	Full- or part-time status						Average hours, total at work	Average hours, workers on full time schedules
	Total at work	On part time for economic reasons	On voluntary part time	On full time schedules				
				Total	40 hours or less	41 to 48 hours	49 hours or more	
Total, 16 years and over [1]	92,451	6,142	13,594	72,765	52,017	7,784	12,984	37.1	41.9
Wage and salary workers	85,210	5,416	12,156	67,638	49,542	7,259	10,837	37.0	41.5
Construction	4,491	445	212	3,834	2,953	339	542	37.2	40.1
Manufacturing	18,425	1,052	593	16,780	12,561	2,054	2,165	39.9	41.5
Durable goods	10,776	530	233	10,013	7,608	1,148	1,257	40.3	41.5
Nondurable goods	7,649	522	360	6,767	4,954	906	907	39.4	41.6
Transportation and public utilities	5,083	232	423	5,228	3,813	532	883	39.2	41.5
Wholesale and retail trade	18,478	1,722	4,444	12,312	7,908	1,709	2,697	35.5	43.1
Finance, insurance, and real estate	5,494	142	468	4,884	3,831	436	617	37.9	39.9
Service industries	26,667	1,690	5,708	19,269	14,282	1,736	3,251	35.1	41.6
Private households	1,222	267	615	340	236	48	76	21.6	40.7
All other industries	25,445	1,423	5,093	18,929	14,046	1,688	3,175	35.7	41.5
Public administration	4,946	98	300	4,548	3,713	341	494	36.9	38.3
Self-employed workers	6,886	712	1,239	4,935	2,336	487	2,112	39.3	47.8
Unpaid family workers	354	14	199	191	137	38	36	33.2	43.2

[1] Includes mining, not shown separately.

A-29. Persons at work in nonagricultural industries by sex, age, race, marital status, and full- or part-time status

(Numbers in thousands)

Sex, age, race, and marital status	November 1992							
	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules			Average hours, total at work	Average hours, workers on full time schedules
				Total	40 hours or less	41 hours or more		
TOTAL								
Both sexes, 16 years and over	92,451	6,142	13,544	72,765	52,017	20,748	37.1	41.3
16 to 21 years	10,149	1,235	4,409	4,505	3,586	919	27.4	39.4
16 to 19 years	5,605	708	3,239	1,658	1,329	329	23.2	40.1
16 to 17 years	2,045	116	1,797	134	106	26	15.6	37.7
18 to 19 years	3,560	592	1,441	1,527	1,224	303	27.6	40.3
20 years and over	86,846	5,434	10,305	71,107	50,687	20,420	38.0	42.3
20 to 24 years	12,672	1,220	2,251	9,201	6,977	2,224	35.1	41.0
25 years and over	74,174	4,213	8,054	61,907	43,711	18,196	38.5	42.1
25 to 44 years	46,591	2,705	4,293	39,593	27,530	12,063	39.1	42.1
45 to 64 years	25,126	1,367	2,578	21,181	15,325	5,856	38.4	41.7
65 years and over	2,456	142	1,183	1,131	856	275	28.2	31.0
Males, 16 years and over	51,076	2,834	3,908	44,334	28,954	15,380	40.1	43.3
16 to 21 years	4,938	590	1,931	2,417	1,792	625	29.2	41.5
16 to 19 years	2,685	335	1,460	890	676	214	24.7	41.2
16 to 17 years	972	56	836	80	69	11	16.7	36.9
18 to 19 years	1,713	278	624	811	607	204	29.3	41.6
20 years and over	46,391	2,499	2,448	41,844	28,177	15,267	41.0	43.3
20 to 24 years	6,487	602	873	5,012	3,498	1,514	37.2	42.2
25 years and over	41,904	1,898	1,574	36,832	24,680	12,152	41.6	43.5
25 to 44 years	26,082	1,220	566	24,296	15,225	9,071	42.3	43.8
45 to 64 years	14,403	617	386	13,400	8,914	4,486	41.5	43.1
65 years and over	1,419	61	622	736	541	195	30.0	31.4
Females, 16 years and over	41,374	3,308	9,636	28,430	23,162	5,269	33.4	39.9
16 to 21 years	5,211	646	2,479	2,086	1,771	315	25.7	34.2
16 to 19 years	2,920	374	1,779	767	652	115	21.8	38.9
16 to 17 years	1,073	60	961	52	37	15	14.6	38.9
18 to 19 years	1,847	314	817	716	616	100	26.0	38.9
20 years and over	38,454	2,935	7,857	27,662	22,508	5,154	34.3	39.9
20 to 24 years	6,185	618	1,378	4,189	3,478	711	33.1	39.7
25 years and over	32,270	2,317	6,480	23,473	19,029	4,444	34.5	39.9
25 to 44 years	20,510	1,484	3,726	15,300	12,308	2,992	35.0	40.0
45 to 64 years	10,724	751	2,193	7,780	6,410	1,370	34.2	39.5
65 years and over	1,037	81	561	395	315	80	25.9	40.1
RACE								
White	81,453	5,085	12,389	63,979	44,732	19,247	37.2	42.1
Males	45,484	2,390	3,541	39,553	25,065	14,488	40.4	43.5
Females	35,969	2,695	8,849	24,425	19,666	4,759	33.2	39.9
Black and other	10,997	1,057	1,154	8,786	7,283	1,503	36.2	40.3
Males	5,592	444	367	4,781	3,789	992	38.0	41.1
Females	5,405	613	787	4,005	3,495	510	34.5	39.4
MARITAL STATUS								
Males, 16 years and over								
Married, spouse present	34,585	1,352	1,152	32,081	20,360	11,721	41.9	43.5
Widowed, divorced, or separated	4,491	336	200	3,955	2,579	1,376	40.7	43.5
Single (never married)	12,000	1,146	2,557	8,297	5,913	2,384	35.0	42.3
Females, 16 years and over								
Married, spouse present	22,923	1,712	5,623	15,588	12,908	2,680	33.2	39.5
Widowed, divorced, or separated	8,052	653	1,030	6,369	5,024	1,345	36.3	40.4
Single (never married)	10,399	944	2,983	6,472	5,229	1,243	31.6	40.0

HOUSEHOLD DATA

A-30. Persons at work in nonfarm occupations by sex and full- or part-time status

(Numbers in thousands)

Occupation and sex	November 1982							
	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules			Average hours, total at work	Average hours, workers on full-time schedules
				Total	40 hours or less	41 to 48 hours	49 hours or more		
Total, 16 years and over	93,099	6,226	13,640	73,233	52,320	7,810	13,103	37.1	42.0
White-collar workers	52,254	1,954	7,725	42,575	29,389	4,351	8,835	37.9	42.2
Professional and technical	16,764	413	2,151	14,200	9,608	1,478	3,114	38.7	42.3
Managers and administrators, except farm	11,163	158	554	10,451	5,429	1,334	3,718	44.2	45.8
Sales workers	6,406	457	1,586	4,363	2,661	510	1,192	35.6	43.7
Clerical workers	17,921	925	3,434	13,562	11,693	1,059	810	34.1	38.7
Blue-collar workers	27,569	2,567	1,925	23,077	17,011	2,779	3,287	38.2	41.6
Craft and kindred workers	11,652	829	420	10,403	7,454	1,304	1,645	39.4	41.6
Operatives, except transport	8,569	884	459	7,226	5,671	851	704	38.2	41.0
Transport equipment operatives	3,183	270	302	2,611	1,592	353	666	40.1	44.3
Nonfarm laborers	4,165	584	744	2,837	2,293	272	272	33.3	40.5
Service workers	13,276	1,705	3,990	7,581	5,920	680	981	31.8	41.7
Private household	1,094	216	553	325	207	47	71	22.5	44.0
Other service workers	12,182	1,490	3,437	7,255	5,711	634	910	32.7	41.6
Males, 16 years and over	51,558	2,910	3,970	44,678	29,069	5,291	10,318	40.1	43.3
White-collar workers	24,118	586	1,627	21,945	12,685	2,558	6,702	42.2	44.5
Professional and technical	9,100	160	567	8,373	5,189	846	2,338	41.8	43.8
Managers and administrators, except farm	8,062	97	216	7,749	3,685	995	3,069	45.6	46.6
Sales workers	3,496	135	412	2,949	1,578	386	985	40.9	45.1
Clerical workers	3,460	156	432	2,872	2,230	332	310	36.9	40.3
Blue-collar workers	22,373	1,937	1,325	19,111	13,716	2,363	3,032	38.8	41.9
Craft and kindred workers	10,750	788	299	9,713	6,938	1,221	1,554	39.7	41.7
Operatives, except transport	5,375	440	213	4,722	3,281	570	571	39.4	41.8
Transport equipment operatives	2,889	232	183	2,474	1,490	330	654	41.2	44.6
Nonfarm laborers	3,660	528	631	2,501	2,007	241	253	33.3	40.6
Service workers	5,067	427	1,018	3,622	2,668	370	584	36.0	42.8
Private household	43	12	17	14	12	2	--	21.8	40.0
Other service workers	5,025	415	1,001	3,609	2,657	368	584	36.1	42.9
Females, 16 years and over	41,541	3,316	9,670	28,555	23,251	2,519	2,785	33.4	39.9
White-collar workers	28,136	1,407	6,098	20,631	16,705	1,793	2,133	34.2	39.6
Professional and technical	7,664	254	1,584	5,826	4,418	633	775	34.9	40.1
Managers and administrators, except farm	3,101	62	337	2,702	1,744	309	649	40.5	43.3
Sales workers	2,910	324	1,175	1,411	1,080	124	207	29.4	40.8
Clerical workers	14,462	769	3,002	10,691	9,465	726	500	33.5	38.3
Blue-collar workers	5,196	630	600	3,966	3,295	416	255	35.6	39.9
Craft and kindred workers	903	91	121	691	517	83	91	36.3	40.9
Operatives, except transport	3,194	444	246	2,804	2,391	280	133	36.4	39.6
Transport equipment operatives	294	38	119	137	102	23	12	28.8	40.3
Nonfarm laborers	505	56	114	335	286	30	19	33.1	39.7
Service workers	8,209	1,279	2,972	3,958	3,251	310	397	29.2	40.6
Private household	1,051	204	536	311	197	44	70	22.6	44.2
Other service workers	7,157	1,075	2,436	3,646	3,054	266	326	30.2	40.3

A-31. Employment status of 14- and 15-year-olds by sex and race

(Numbers in thousands)

Employment status	November 1982								
	Total			White			Black and other		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Civilian noninstitutional population	7,144	3,638	3,507	5,884	3,017	2,867	1,261	621	640
Civilian labor force	1,018	479	540	955	456	499	63	23	41
Employed	867	404	463	831	390	441	36	13	23
Agriculture	69	55	14	69	54	14	--	--	--
Nonagricultural industries	798	349	449	763	336	427	36	13	23
Unemployed	151	75	76	124	66	58	27	9	18
Unemployment rate	14.8	15.7	14.1	13.0	14.5	11.6	(1)	(1)	(1)
Not in labor force	6,126	3,159	2,967	4,928	2,560	2,368	1,197	598	599
Keeping house	28	7	21	20	5	15	9	2	7
Going to school	6,018	3,107	2,912	4,841	2,517	2,324	1,177	590	587
Unable to work	2	1	1	2	1	1	--	--	--
All other reasons	77	44	33	65	37	28	12	7	5

(1) Percent not shown where base is less than 75,000.

A-32. Employed 14- and 15-year-olds by class of worker, occupation, and sex

Class of worker and occupation	November 1982					
	Thousands of persons			Percent distribution		
	Both sexes	Males	Females	Both sexes	Males	Females
CLASS OF WORKER						
Total	867	404	463	100.0	100.0	100.0
Nonagricultural industries	798	349	449	91.9	86.4	96.9
Wage and salary workers	704	286	418	81.1	70.8	90.1
Private household workers	338	67	271	38.9	16.6	58.4
Government workers	16	4	12	1.8	1.0	2.6
Other wage and salary workers	350	215	135	40.3	53.2	29.1
Self-employed workers	94	63	31	10.8	15.6	6.7
Unpaid family workers	1	--	--	.1	--	--
Agriculture	69	55	14	7.9	13.6	3.0
Wage and salary workers	42	34	8	4.8	8.4	1.7
Self-employed workers	6	4	2	.7	1.0	.4
Unpaid family workers	21	17	5	2.4	4.2	1.1
OCCUPATION						
Total	867	404	463	100.0	100.0	100.0
White collar workers	248	163	85	28.6	40.1	18.4
Professional and technical	11	5	6	1.3	1.2	1.3
Managers and administrators, except farm	6	6	--	.7	1.5	--
Sales workers	186	134	52	21.4	33.0	11.2
Clerical workers	45	18	27	5.2	4.4	5.8
Blue collar workers	112	98	14	12.9	24.1	3.0
Craft and kindred workers	5	2	3	.6	.5	.6
Operatives, except transport	10	4	6	1.2	1.0	1.3
Transport equipment operatives	2	2	1	.2	.5	.2
Nonfarm laborers	95	91	4	10.9	22.4	.9
Service workers	449	95	353	51.7	23.4	76.2
Private household workers	300	22	278	34.6	5.4	60.0
Other service workers	149	74	75	17.2	18.2	16.2
Farm workers	59	48	11	6.8	11.8	2.4
Farmers and farm managers	3	1	2	.3	.2	.4
Farm laborers and supervisors	56	47	9	6.5	11.6	1.9

HOUSEHOLD DATA
SEASONALLY ADJUSTED

A-33. Employment status of the noninstitutional population by sex and age, seasonally adjusted

(Numbers in thousands)

Employment status, sex and age	1981	1982										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
TOTAL													
Total noninstitutional population[1]	173,155	173,330	173,495	173,657	173,843	174,020	174,201	174,366	174,544	174,707	174,889	175,069	175,238
Armed Forces[1]	2,158	2,164	2,159	2,168	2,175	2,176	2,175	2,173	2,180	2,196	2,198	2,198	2,180
Civilian noninstitutional population[1]	170,998	171,166	171,335	171,489	171,667	171,844	172,026	172,190	172,364	172,511	172,690	172,871	173,058
Civilian labor force	109,272	109,164	108,879	109,165	109,346	109,648	110,098	110,191	110,522	110,648	110,980	110,648	111,019
Percent of civilian population	63.9	63.8	63.5	63.7	63.7	63.8	64.0	64.0	64.1	64.1	64.3	64.0	64.2
Employed	100,172	99,613	99,581	99,590	99,492	99,340	100,117	99,764	99,732	99,839	99,720	99,091	99,032
Percent of total population	57.9	57.5	57.4	57.3	57.2	57.1	57.5	57.2	57.1	57.1	57.0	56.6	56.5
Agriculture	3,372	3,209	3,411	3,373	3,245	3,309	3,466	3,357	3,460	3,435	3,368	3,426	3,470
Nonagricultural industries	96,800	96,404	96,170	96,217	96,248	96,031	96,629	96,406	96,272	96,404	96,352	95,667	95,563
Unemployed	9,100	9,551	9,298	9,575	9,854	10,307	10,549	10,427	10,790	10,805	11,260	11,557	11,987
Unemployment rate	8.3	8.8	8.5	8.8	9.0	9.4	9.5	9.5	9.8	9.8	10.1	10.4	10.8
Not in labor force	61,726	61,962	62,456	62,324	62,321	62,197	61,928	61,999	61,842	61,863	61,710	62,237	62,039
Males, 20 years and over													
Total noninstitutional population[1]	74,630	74,714	74,810	74,906	75,015	75,121	75,227	75,323	75,429	75,531	75,640	75,749	75,852
Civilian noninstitutional population[1]	72,921	73,020	73,120	73,209	73,287	73,392	73,499	73,585	73,685	73,776	73,867	73,978	74,094
Civilian labor force	57,459	57,665	57,368	57,446	57,554	57,730	58,164	58,016	58,084	58,026	58,407	58,359	58,475
Percent of civilian population	78.8	79.0	78.5	78.5	78.5	78.7	79.1	78.8	78.8	78.7	79.1	78.9	78.9
Employed	53,154	53,122	53,047	53,097	53,006	52,988	53,260	52,985	52,956	52,887	52,828	52,626	52,555
Percent of total population	71.5	71.1	70.9	70.9	70.7	70.5	70.8	70.3	70.1	70.0	69.8	69.5	69.3
Agriculture	2,382	2,311	2,390	2,388	2,377	2,382	2,464	2,424	2,474	2,436	2,447	2,462	2,485
Nonagricultural industries	50,772	50,811	50,657	50,711	50,629	50,606	50,796	50,561	50,522	50,451	50,381	50,164	50,110
Unemployed	4,305	4,543	4,322	4,351	4,548	4,742	4,904	5,031	5,088	5,139	5,579	5,733	5,920
Unemployment rate	7.1	7.9	7.5	7.6	7.9	8.2	8.4	8.7	8.8	8.9	9.6	9.8	10.1
Not in labor force	15,462	15,355	15,752	15,761	15,733	15,662	15,335	15,569	15,601	15,748	15,460	15,625	15,619
Females, 20 years and over													
Total noninstitutional population[1]	82,193	82,306	82,415	82,523	82,640	82,753	82,868	82,976	83,091	83,201	83,320	83,438	83,551
Civilian noninstitutional population[1]	82,038	82,151	82,260	82,367	82,478	82,591	82,707	82,811	82,926	83,035	83,152	83,271	83,385
Civilian labor force	42,987	42,888	43,068	43,031	43,243	43,301	43,683	43,904	44,076	44,115	44,025	43,833	44,055
Percent of civilian population	52.4	52.2	52.1	52.2	52.4	52.4	52.8	53.0	53.2	53.1	52.9	52.6	52.8
Employed	39,878	39,713	39,764	39,744	39,807	39,735	40,035	40,350	40,392	40,490	40,369	40,046	40,084
Percent of total population	48.5	48.3	48.2	48.2	48.2	48.0	48.4	48.6	48.6	48.7	48.5	48.0	47.9
Agriculture	635	572	649	628	636	601	634	581	600	589	585	572	568
Nonagricultural industries	39,243	39,141	39,115	39,116	39,172	39,134	39,401	39,769	39,791	39,901	39,784	39,476	39,476
Unemployed	3,109	3,175	3,304	3,288	3,435	3,566	3,648	3,554	3,684	3,626	3,656	3,787	4,010
Unemployment rate	7.2	7.4	7.7	7.6	7.9	8.3	8.3	8.1	8.4	8.2	8.3	8.6	9.1
Not in labor force	39,051	39,263	39,392	39,336	39,235	39,290	39,024	38,907	38,850	38,920	39,127	39,438	39,330
Both sexes, 16-19 years													
Total noninstitutional population[1]	16,351	16,310	16,269	16,228	16,188	16,146	16,108	16,065	16,024	15,976	15,929	15,882	15,835
Civilian noninstitutional population[1]	16,037	15,995	15,955	15,913	15,902	15,861	15,820	15,794	15,753	15,702	15,671	15,625	15,579
Civilian labor force	8,826	8,831	8,843	8,686	8,569	8,616	8,819	8,771	8,362	8,503	8,548	8,452	8,490
Percent of civilian population	55.0	54.0	54.2	54.6	53.8	54.3	55.7	52.4	53.1	54.2	54.5	54.1	54.5
Employed	6,940	6,778	6,771	6,748	6,679	6,637	6,782	6,429	6,344	6,463	6,523	6,422	6,433
Percent of total population	42.4	41.6	41.6	41.6	41.3	41.1	42.1	40.0	39.6	40.5	41.0	40.4	40.6
Agriculture	355	326	373	359	336	326	390	353	386	411	336	393	456
Nonagricultural industries	6,585	6,452	6,398	6,389	6,343	6,311	6,392	6,076	5,958	6,052	6,187	6,029	5,977
Unemployed	1,886	1,953	1,872	1,938	1,870	1,979	2,037	1,842	2,018	2,040	2,025	2,030	2,057
Unemployment rate	21.4	21.5	21.7	22.3	21.9	23.0	23.1	22.3	24.1	24.0	23.7	24.0	24.2
Not in labor force	7,211	7,369	7,312	7,227	7,353	7,245	7,091	7,523	7,391	7,199	7,123	7,173	7,089

[1] The population and Armed Forces figures are not adjusted for seasonal variations.

NOTE: Detail for the household data shown in tables A-33 through A-42 will not necessarily add to totals, because of the independent seasonal adjustment of the various series.

A-34. Full- and part-time status of the civilian labor force, seasonally adjusted

[Numbers in thousands]

Full- and part-time status	1981	1982										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
FULL TIME													
Total, 16 years and over													
Civilian labor force	93,607	93,856	93,129	93,421	93,860	93,890	94,619	93,984	94,348	94,604	94,690	95,041	95,137
Employed	86,062	85,729	85,324	85,523	85,505	85,289	85,903	85,112	85,436	85,337	85,091	84,975	84,834
Unemployed	7,545	8,122	7,805	7,897	8,355	8,601	8,717	8,873	8,912	9,267	9,599	10,067	10,303
Unemployment rate	8.1	8.7	8.4	8.5	8.9	9.2	9.2	9.4	9.5	9.8	10.1	10.5	10.7
PART TIME													
Total, 16 years and over													
Civilian labor force	15,721	15,399	15,853	15,632	15,470	15,836	15,911	16,167	16,215	16,225	16,287	15,941	15,838
Employed	14,125	13,982	14,337	13,951	13,926	14,112	14,237	14,584	14,371	14,552	14,579	14,237	14,302
Unemployed	1,596	1,417	1,515	1,681	1,544	1,724	1,674	1,583	1,844	1,672	1,708	1,704	1,537
Unemployment rate	10.2	9.2	9.6	10.8	10.0	10.9	10.5	9.8	11.4	10.3	10.5	10.7	11.4

NOTE: Persons on part time schedules for economic reasons are included in the full time employed category; unemployed persons are allocated by whether seeking full- or part time work.

A-35. Employment status by race, sex, and age, seasonally adjusted

[Numbers in thousands]

Race, sex, and age	1981	1982										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
WHITE													
Total, 16 years and over													
Civilian labor force	95,535	95,329	95,120	95,333	95,508	96,015	96,641	96,223	96,491	96,414	96,762	96,821	96,786
Employed	88,498	88,010	87,955	87,990	87,956	87,988	88,450	88,173	88,137	88,133	88,020	87,814	87,767
Unemployed	7,037	7,319	7,165	7,344	7,552	8,026	8,191	8,050	8,356	8,281	8,742	9,007	9,019
Unemployment rate	7.4	7.7	7.5	7.7	7.9	8.4	8.5	8.4	8.7	8.6	9.0	9.3	9.3
Males, 20 years and over													
Civilian labor force	50,881	50,948	50,757	50,812	50,903	51,124	51,394	51,252	51,292	51,269	51,607	51,521	51,358
Employed	47,649	47,449	47,410	47,430	47,351	47,393	47,535	47,300	47,256	47,202	47,163	46,983	46,805
Unemployed	3,232	3,499	3,347	3,382	3,552	3,731	3,859	3,952	4,037	4,067	4,444	4,537	4,553
Unemployment rate	6.4	6.9	6.6	6.7	7.0	7.3	7.5	7.7	7.9	7.9	8.6	8.8	8.9
Females, 20 years and over													
Civilian labor force	36,832	36,733	36,698	36,860	37,038	37,179	37,428	37,619	37,845	37,716	37,708	37,479	37,746
Employed	34,513	34,368	34,380	34,427	34,475	34,489	34,682	34,944	35,067	35,033	34,930	34,837	34,798
Unemployed	2,319	2,365	2,319	2,433	2,564	2,690	2,746	2,675	2,777	2,683	2,777	2,642	2,948
Unemployment rate	6.3	6.4	6.3	6.6	6.9	7.2	7.3	7.1	7.3	7.1	7.4	7.6	8.0
Both sexes, 16 to 19 years													
Civilian labor force	7,822	7,648	7,665	7,662	7,567	7,712	7,819	7,352	7,356	7,429	7,447	7,422	7,681
Employed	6,336	6,193	6,166	6,133	6,130	6,106	6,233	5,929	5,814	5,899	5,927	5,314	5,958
Unemployed	1,486	1,455	1,499	1,529	1,437	1,606	1,586	1,423	1,542	1,530	1,520	1,508	1,587
Unemployment rate	19.0	19.0	19.6	20.0	19.0	20.8	20.3	19.4	21.0	20.6	20.4	21.7	21.3
BLACK AND OTHER													
Total, 16 years and over													
Civilian labor force	13,757	13,773	13,704	13,857	13,810	13,768	14,037	13,947	14,027	14,232	14,282	14,306	14,107
Employed	11,661	11,610	11,632	11,653	11,515	11,486	11,669	11,560	11,594	11,738	11,687	11,659	11,652
Unemployed	2,096	2,163	2,072	2,204	2,294	2,322	2,429	2,387	2,433	2,494	2,595	2,647	2,456
Unemployment rate	15.2	15.7	15.1	15.9	16.6	16.9	17.2	17.1	17.3	17.5	18.2	18.5	17.4
Males, 20 years and over													
Civilian labor force	6,555	6,614	6,563	6,649	6,620	6,704	6,759	6,762	6,784	6,797	6,876	6,839	6,868
Employed	5,654	5,647	5,630	5,688	5,622	5,667	5,709	5,688	5,720	5,703	5,662	5,641	5,754
Unemployed	901	967	933	961	998	1,037	1,050	1,075	1,063	1,093	1,213	1,256	1,214
Unemployment rate	13.7	14.6	14.2	14.5	15.1	15.5	15.5	15.9	15.7	16.1	17.6	18.2	17.8
Females, 20 years and over													
Civilian labor force	6,147	6,161	6,152	6,163	6,199	6,145	6,324	6,273	6,247	6,370	6,341	6,365	6,316
Employed	5,359	5,355	5,388	5,338	5,321	5,348	5,407	5,387	5,350	5,474	5,438	5,415	5,346
Unemployed	788	808	764	826	878	857	917	887	897	896	905	949	970
Unemployment rate	12.8	13.1	12.4	13.4	14.2	14.0	14.5	14.1	14.4	14.1	14.3	14.9	15.4
Both sexes, 16 to 19 years													
Civilian labor force	1,015	996	989	1,044	991	919	1,014	912	997	1,066	1,066	1,043	1,028
Employed	608	608	614	627	573	531	553	486	524	561	589	603	552
Unemployed	407	388	375	417	418	388	461	426	473	505	477	440	472
Unemployment rate	40.1	39.0	37.9	39.9	42.2	42.2	45.5	46.7	47.4	47.4	44.7	42.2	46.1

HOUSEHOLD DATA
SEASONALLY ADJUSTED

A-36. Major unemployment indicators, seasonally adjusted

(Unemployment rates)

Category	1981		1982										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
CHARACTERISTIC													
Total (all civilian workers)	8.3	8.8	8.5	8.8	9.0	9.4	9.5	9.5	9.8	9.8	10.1	10.4	10.8
Males, 20 years and over	7.1	7.5	7.5	7.6	7.9	8.2	8.4	8.7	8.8	8.9	9.6	9.8	10.1
Females, 20 years and over	7.2	7.4	7.2	7.6	7.9	8.3	8.3	8.1	8.4	8.2	8.3	8.6	9.1
Both sexes, 16-19 years	21.4	21.5	21.7	22.3	21.9	23.0	23.1	22.3	24.1	24.0	23.7	24.0	24.2
White	7.4	7.7	7.5	7.7	7.9	8.4	8.5	8.4	8.7	8.6	9.0	9.3	9.7
Black and other	15.2	15.7	15.1	15.9	16.6	16.9	17.2	17.1	17.3	17.5	18.3	18.5	18.6
Married men, spouse present	5.2	5.7	5.3	5.3	5.5	6.0	6.1	6.5	6.6	6.7	7.3	7.6	7.7
Married women, spouse present	6.5	6.6	6.2	7.0	7.1	7.8	7.4	7.0	7.4	7.1	7.5	7.9	8.4
Women who maintain families	10.8	10.5	10.4	10.2	10.6	11.5	11.8	12.4	12.0	11.6	12.4	11.2	12.5
Full time workers	8.1	8.7	8.4	8.5	8.9	9.2	9.2	9.4	9.5	9.6	10.1	10.5	10.7
Part time workers	10.2	9.2	9.6	10.8	10.0	10.9	10.5	9.8	11.4	10.3	10.5	10.1	11.4
Unemployed 15 weeks and over[1]	2.2	2.2	2.2	2.5	2.7	2.7	3.0	3.3	3.2	3.3	3.5	3.8	4.1
Labor force time lost[2]	9.5	10.1	10.0	9.8	10.4	10.4	11.1	10.2	10.7	10.7	11.7	12.1	12.9
OCCUPATION													
White collar workers	4.2	4.5	4.2	4.6	4.8	4.9	4.8	5.0	4.9	4.8	4.8	5.1	5.6
Professional and technical	2.7	3.4	2.9	3.1	3.2	3.2	3.3	3.3	3.3	3.1	3.2	3.5	3.8
Managers and administrators, except farm	3.0	3.1	2.7	3.1	3.0	3.3	3.5	3.8	3.7	3.8	3.6	3.6	3.9
Sales workers	5.0	4.9	4.5	4.8	5.8	5.6	5.2	5.8	5.4	5.5	5.4	6.1	6.3
Clerical workers	6.0	6.2	6.3	6.7	6.9	7.2	6.8	6.9	6.9	6.7	6.7	7.1	7.9
Blue collar workers	11.8	12.7	12.5	12.5	12.9	13.7	13.5	13.9	14.4	14.2	15.6	15.9	16.5
Craft and kindred workers	8.5	9.3	9.0	8.4	9.1	9.6	9.4	10.3	10.9	10.6	11.4	10.9	12.2
Operatives, except transport	14.1	15.5	15.4	15.4	15.9	16.9	16.5	16.7	17.4	17.5	20.2	21.1	21.2
Transport equipment operatives	10.4	10.9	10.2	10.3	10.4	10.7	11.8	13.0	11.6	12.5	11.6	12.7	14.1
Nonfarm laborers	16.0	16.9	16.9	17.9	17.9	19.2	18.3	17.9	18.6	17.4	19.2	19.8	19.4
Service workers	9.7	9.6	9.2	9.8	10.2	11.1	11.3	9.9	10.5	10.6	10.7	10.6	11.2
Farm workers	6.2	6.4	6.9	4.9	5.4	5.8	8.3	7.2	6.1	6.9	5.1	6.6	7.7
INDUSTRY													
Nonagricultural private wage and salary workers[3]	8.4	9.1	8.8	9.0	9.5	9.9	9.9	10.0	10.2	10.1	10.7	11.1	11.5
Construction	17.8	18.1	18.7	18.1	17.9	19.4	18.8	19.2	20.3	20.3	22.6	23.0	21.9
Manufacturing	9.4	11.0	10.4	10.6	10.8	11.3	11.6	12.3	12.0	12.1	13.8	14.1	14.8
Durable goods	9.5	11.8	11.0	11.3	10.8	11.9	12.2	13.2	12.7	12.9	14.5	16.0	17.1
Nondurable goods	9.3	9.6	9.5	9.5	10.8	10.5	10.7	11.0	11.0	10.8	12.3	11.2	11.8
Transportation	5.5	6.0	6.4	5.9	5.6	7.0	6.5	6.9	6.1	7.0	6.5	8.1	8.7
Wholesale and retail trade	8.6	8.9	8.7	9.0	10.3	10.1	10.6	9.7	10.5	9.8	9.8	10.3	10.5
Finance and service industries	6.1	6.4	5.9	6.5	6.9	7.0	6.9	6.8	7.0	7.0	6.8	7.1	7.7
Government workers	5.2	5.0	4.8	5.2	4.9	5.3	5.0	4.6	4.6	4.6	4.5	4.8	5.2
Agricultural wage and salary workers	14.1	14.8	16.2	12.8	14.0	14.6	18.2	16.3	13.8	14.3	12.5	12.6	15.9

[1] Unemployment as a percent of the civilian labor force.

[2] Aggregate hours lost by the unemployed and persons on part time for economic reasons as a percent of potentially available labor force hours.

[3] Includes mining, not shown separately.

A-37. Unemployed persons by duration of unemployment, seasonally adjusted

(Numbers in thousands)

Weeks of unemployment	1981		1982										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
DURATION													
Less than 5 weeks	3,852	4,037	3,852	3,789	3,825	3,558	3,874	3,543	3,990	3,923	4,038	3,920	3,972
5 to 14 weeks	2,882	3,016	3,068	3,052	3,078	3,304	3,320	3,458	3,161	3,304	3,595	3,517	3,595
15 weeks and over	2,364	2,372	2,399	2,724	2,954	3,015	3,286	3,673	3,580	3,631	3,870	4,153	4,547
15 to 26 weeks	1,229	1,189	1,210	1,445	1,605	1,508	1,634	1,826	1,792	1,810	1,856	1,927	2,221
27 weeks and over	1,135	1,183	1,190	1,278	1,349	1,507	1,652	1,847	1,788	1,821	2,014	2,226	2,326
Average (mean) duration, in weeks	13.1	12.8	13.5	14.1	13.9	14.2	14.6	16.5	15.6	16.2	16.6	17.2	17.2
Median duration, in weeks	6.9	6.7	7.2	7.3	7.6	8.5	9.0	9.8	8.3	8.2	9.5	9.6	10.1
PERCENT DISTRIBUTION													
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5 weeks	42.3	42.8	41.3	39.6	38.8	38.5	37.0	33.2	37.2	36.1	35.1	33.8	32.8
5 to 14 weeks	31.7	32.0	32.9	31.9	31.2	32.1	31.7	32.4	29.5	30.4	31.3	30.3	29.7
15 weeks and over	26.0	25.2	25.7	28.5	30.0	29.3	31.4	34.4	33.4	33.4	33.6	35.8	37.5
15 to 26 weeks	13.5	12.6	13.0	15.1	16.3	14.7	15.6	17.1	16.7	16.7	16.1	16.6	18.3
27 weeks and over	12.5	12.6	12.8	13.4	13.7	14.7	15.8	17.3	16.7	16.8	17.5	19.2	19.2

A-38. Unemployment rates by sex and age, seasonally adjusted

Sex and age	1981		1982										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
Total, 16 years and over	8.3	8.6	8.5	8.8	9.0	9.4	9.5	9.5	9.6	9.8	10.1	10.4	10.8
16 to 19 years	21.4	21.5	21.7	22.3	21.5	23.0	23.1	22.3	24.1	24.0	23.7	24.0	24.2
16 to 17 years	22.6	21.5	21.6	22.7	22.7	28.6	25.3	23.7	26.1	25.8	26.5	25.8	26.4
18 to 19 years	20.5	21.2	21.3	22.0	21.3	21.9	21.3	21.9	22.8	22.6	21.6	22.0	22.2
20 to 24 years	13.0	13.5	13.5	14.1	14.2	14.7	14.3	14.4	14.5	15.2	15.3	15.9	16.6
25 years and over	6.0	6.5	6.3	6.4	6.8	7.0	7.1	7.4	7.5	7.3	7.5	8.1	8.3
25 to 54 years	6.5	6.9	6.7	6.8	7.3	7.4	7.7	7.7	7.9	7.8	8.0	8.7	9.0
55 years and over	3.8	4.1	4.2	4.3	4.6	5.0	4.8	5.4	5.2	5.1	5.1	5.7	5.7
Males, 16 years and over	8.3	9.0	8.6	8.7	9.0	9.4	9.6	9.7	9.9	10.0	10.3	10.9	11.3
16 to 19 years	21.8	22.3	22.1	22.5	23.5	24.4	24.0	24.2	25.1	25.1	25.1	25.6	25.9
16 to 17 years	22.7	22.6	23.0	23.0	24.3	24.7	26.3	25.8	28.1	27.3	29.6	28.0	28.1
18 to 19 years	21.0	22.2	21.4	22.1	22.9	24.3	21.9	24.0	23.4	23.4	22.6	23.2	24.2
20 to 24 years	14.4	14.8	14.5	15.4	15.7	16.0	15.5	15.8	15.9	16.6	17.4	17.5	18.3
25 years and over	5.8	6.5	6.3	6.3	6.6	6.9	6.9	7.5	7.5	7.5	8.2	8.5	8.7
25 to 54 years	6.3	6.9	6.7	6.7	7.1	7.2	7.5	8.0	8.1	8.0	9.1	9.1	9.3
55 years and over	3.7	4.4	4.3	4.2	4.8	5.1	4.7	5.0	4.8	5.4	5.4	6.1	5.7
Females, 16 years and over	8.4	8.5	8.4	8.9	9.0	9.4	9.5	9.1	9.6	9.5	9.5	9.8	10.2
16 to 19 years	20.9	20.5	21.2	22.1	20.1	21.3	22.1	20.2	23.1	22.8	21.5	22.3	22.5
16 to 17 years	22.5	21.1	20.6	22.5	20.8	24.5	24.1	21.4	24.1	24.2	23.5	23.7	24.8
18 to 19 years	19.9	20.0	21.1	21.9	19.6	19.4	20.6	19.7	22.2	21.7	20.6	22.9	21.4
20 to 24 years	11.3	12.0	11.9	12.7	12.6	13.3	12.9	12.9	12.9	13.7	12.5	14.0	14.6
25 years and over	6.4	6.4	6.3	6.5	7.0	7.2	7.4	7.2	7.4	7.0	7.4	7.5	8.0
25 to 54 years	6.8	6.9	6.7	7.0	7.6	7.7	8.0	7.4	7.7	7.5	8.0	8.1	8.5
55 years and over	3.8	3.7	4.1	4.3	4.3	4.8	5.0	6.0	6.0	4.6	4.7	4.7	4.9

A-39. Unemployed persons by reason for unemployment, seasonally adjusted

(Numbers in thousands)

Reason for unemployment	1981		1982										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
NUMBER OF UNEMPLOYED													
Both sexes, 16 years and over													
Job losers	4,905	5,343	5,205	5,153	5,622	5,906	5,901	6,302	6,177	6,347	7,073	7,477	7,478
On layoff	1,826	2,042	1,860	1,740	1,828	1,946	1,969	2,071	2,079	2,180	2,669	2,572	2,587
Other job losers	3,079	3,301	3,345	3,413	3,794	3,959	3,932	4,231	4,098	4,167	4,404	4,905	4,891
Job leavers	916	923	835	564	885	537	674	813	813	806	767	796	784
Reentrants	2,339	2,244	2,079	2,277	2,249	2,365	2,438	2,372	2,528	2,440	2,415	2,217	2,569
New entrants	996	1,021	1,055	1,100	1,044	1,081	1,154	1,088	1,249	1,328	1,326	1,312	1,230
PERCENT DISTRIBUTION													
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers	53.6	56.1	56.7	54.3	57.4	57.4	56.9	59.6	57.4	58.1	61.1	63.4	62.0
On layoff	19.9	21.4	20.3	18.3	18.7	18.9	19.0	19.6	19.3	20.0	23.0	21.8	21.4
Other job losers	33.6	34.6	36.5	35.9	38.7	38.5	37.9	40.0	38.1	38.2	38.0	41.6	40.6
Job leavers	10.0	9.7	9.1	10.2	9.0	5.1	8.4	7.7	7.5	7.4	6.6	6.7	6.5
Reentrants	25.5	23.5	22.7	24.0	22.9	23.0	23.5	22.4	23.5	22.3	20.8	18.8	21.3
New entrants	10.9	10.7	11.5	11.6	10.7	10.5	11.1	10.3	11.6	12.2	11.4	11.1	10.2
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE													
Job losers	4.5	4.9	4.8	4.7	5.1	5.4	5.3	5.7	5.6	5.7	6.4	6.8	6.7
Job leavers	.8	.8	.8	.9	.8	.5	.8	.7	.7	.7	.7	.7	.7
Reentrants	2.1	2.1	1.9	2.1	2.1	2.2	2.2	2.2	2.3	2.2	2.2	2.0	2.3
New entrants	.9	.9	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.2	1.2	1.2	1.1

HOUSEHOLD DATA
SEASONALLY ADJUSTED

A-40. Employed persons by sex and age, seasonally adjusted

(In thousands)

Sex and age	1981		1982										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
Total, 16 years and over	100,172	99,613	99,381	99,590	99,492	99,340	100,117	99,784	99,732	99,839	99,720	99,093	99,932
16 to 19 years	6,940	6,778	6,771	6,748	6,679	6,637	6,782	6,829	6,344	6,463	6,523	6,422	6,833
16 to 17 years	2,768	2,703	2,705	2,690	2,642	2,610	2,629	2,389	2,342	2,397	2,438	2,429	2,681
18 to 19 years	4,172	4,075	4,065	4,057	4,060	4,027	4,167	4,013	3,998	4,061	4,103	3,990	3,980
20 to 24 years	13,970	13,935	13,816	13,788	13,811	13,730	13,820	13,778	13,723	13,642	13,593	13,469	13,477
25 years and over	79,202	78,881	78,960	79,345	78,578	78,973	79,515	79,598	79,696	79,734	79,587	79,208	79,378
25 to 54 years	64,865	64,567	64,722	64,853	64,648	64,670	65,069	65,197	65,345	65,483	64,980	64,922	64,759
55 years and over	14,337	14,332	14,282	14,156	14,290	14,298	14,449	14,379	14,392	14,327	14,610	14,272	14,311
Males, 16 years and over	57,051	56,725	56,629	56,656	56,672	56,401	56,820	56,223	56,192	56,230	56,148	55,915	55,961
16 to 19 years	3,697	3,603	3,582	3,561	3,466	3,412	3,560	3,238	3,196	3,323	3,320	3,289	3,308
16 to 17 years	1,495	1,448	1,446	1,439	1,387	1,365	1,417	1,237	1,174	1,248	1,222	1,227	1,371
18 to 19 years	2,206	2,163	2,134	2,123	2,094	2,020	2,158	1,985	2,023	2,069	2,112	2,063	2,028
20 to 24 years	7,373	7,380	7,321	7,286	7,246	7,208	7,281	7,198	7,237	7,175	7,097	7,125	7,077
25 years and over	45,940	45,709	45,686	45,786	45,762	45,782	45,567	45,838	45,784	45,744	45,717	45,486	45,567
25 to 54 years	37,364	37,092	37,127	37,235	37,173	37,194	37,351	37,227	37,189	37,269	37,059	37,035	36,938
55 years and over	8,590	8,608	8,582	8,523	8,578	8,591	8,641	8,629	8,576	8,463	8,662	8,475	8,504
Females, 16 years and over	43,121	42,888	42,952	42,934	43,020	42,940	43,297	43,561	43,540	43,630	43,572	43,179	43,169
16 to 19 years	3,243	3,175	3,189	3,187	3,213	3,225	3,222	3,191	3,148	3,140	3,203	3,133	3,125
16 to 17 years	1,273	1,255	1,259	1,251	1,255	1,225	1,212	1,152	1,168	1,153	1,216	1,202	1,170
18 to 19 years	1,984	1,925	1,931	1,944	1,966	2,007	2,009	2,028	1,975	1,992	1,991	1,927	1,956
20 to 24 years	6,597	6,555	6,495	6,500	6,565	6,523	6,539	6,584	6,486	6,467	6,496	6,319	6,400
25 years and over	33,282	33,172	33,274	33,259	33,216	33,192	33,542	33,760	33,932	34,040	33,870	33,718	33,607
25 to 54 years	27,504	27,475	27,595	27,618	27,475	27,476	27,718	27,970	28,155	28,214	27,921	27,917	27,821
55 years and over	5,747	5,726	5,701	5,635	5,721	5,707	5,808	5,750	5,816	5,863	5,948	5,797	5,809

A-41. Unemployed persons by sex and age, seasonally adjusted

(In thousands)

Sex and age	1981		1982										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
Total, 16 years and over	9,100	9,571	9,298	9,575	9,854	10,307	10,549	10,427	10,790	10,805	11,260	11,551	11,987
16 to 19 years	1,886	1,853	1,872	1,938	1,870	1,979	2,037	1,842	2,018	2,040	2,025	2,030	2,057
16 to 17 years	808	759	760	792	775	851	891	742	829	834	896	845	875
18 to 19 years	1,080	1,058	1,098	1,149	1,099	1,130	1,126	1,126	1,182	1,184	1,133	1,195	1,177
20 to 24 years	2,088	2,168	2,161	2,271	2,293	2,374	2,303	2,321	2,335	2,454	2,458	2,552	2,680
25 years and over	5,091	5,481	5,282	5,401	5,748	5,962	6,055	6,326	6,428	6,288	6,799	6,979	7,215
25 to 54 years	4,536	4,804	4,649	4,756	5,066	5,186	5,328	5,474	5,625	5,543	6,112	6,184	6,372
55 years and over	562	620	624	630	691	752	732	824	797	770	789	838	867
Males, 16 years and over	5,133	5,578	5,338	5,384	5,610	5,846	6,029	6,065	6,161	6,250	6,704	6,864	7,068
16 to 19 years	1,028	1,035	1,016	1,033	1,062	1,104	1,125	1,034	1,073	1,111	1,125	1,131	1,148
16 to 17 years	438	424	433	429	485	454	508	429	458	466	514	500	497
18 to 19 years	587	616	581	604	621	647	606	628	618	633	616	624	646
20 to 24 years	1,245	1,278	1,284	1,324	1,346	1,377	1,333	1,347	1,371	1,426	1,495	1,516	1,587
25 years and over	2,834	3,199	3,055	3,071	3,247	3,383	3,422	3,726	3,698	3,726	4,103	4,231	4,312
25 to 54 years	2,522	2,762	2,662	2,675	2,820	2,895	3,031	3,225	3,265	3,259	3,691	3,727	3,783
55 years and over	333	357	383	377	431	461	428	457	428	485	493	552	567
Females, 16 years and over	3,967	3,993	3,960	4,191	4,243	4,461	4,520	4,362	4,629	4,555	4,556	4,686	4,919
16 to 19 years	858	818	856	905	808	875	912	808	945	929	900	899	909
16 to 17 years	370	335	327	363	330	397	385	313	371	368	382	345	378
18 to 19 years	493	482	517	545	478	483	520	498	564	551	517	571	531
20 to 24 years	843	890	877	947	947	998	969	974	964	1,028	963	1,035	1,098
25 years and over	2,257	2,282	2,228	2,330	2,501	2,578	2,673	2,600	2,730	2,562	2,696	2,748	2,903
25 to 54 years	2,014	2,042	1,987	2,081	2,246	2,291	2,397	2,249	2,360	2,284	2,421	2,457	2,589
55 years and over	229	223	241	253	260	291	304	367	369	285	296	286	300

A-42. Employed persons by selected social and economic categories, seasonally adjusted

(In thousands)

Category	1981		1982										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
CHARACTERISTIC													
Total, 16 years and over	100172	99,613	99,581	99,590	99,492	99,340	100117	99,764	99,732	99,839	99,720	99,393	99,332
Married men, spouse present	38,553	38,342	38,234	38,255	38,181	38,142	38,312	38,354	38,213	38,184	38,041	37,990	37,998
Married women, spouse present	23,820	23,691	23,744	23,727	23,900	23,831	24,213	24,401	24,223	24,300	24,197	24,147	23,951
OCCUPATION													
White-collar workers	53,086	53,084	52,836	52,841	52,763	53,177	53,705	53,586	53,685	53,750	53,876	53,643	53,729
Professional and technical	16,657	16,774	16,803	16,612	16,655	16,844	16,818	17,053	17,292	17,023	16,901	17,049	17,093
Managers and administrators, except farm	11,461	11,424	11,091	11,253	11,311	11,501	11,541	11,504	11,355	11,613	11,649	11,605	11,535
Sales workers	6,418	6,450	6,520	6,544	6,637	6,603	6,587	6,547	6,567	6,677	6,507	6,595	6,631
Clerical workers	18,550	18,436	18,423	18,432	18,155	18,229	18,759	18,482	18,471	18,437	18,819	18,395	18,367
Blue-collar workers	30,683	30,344	30,203	30,309	30,416	29,924	29,926	29,716	29,609	29,465	29,143	29,147	28,695
Craft and kindred workers	12,411	12,446	12,370	12,454	12,511	12,452	12,316	12,207	12,229	12,342	12,253	12,164	12,150
Operatives, except transport	10,220	10,169	9,966	9,955	9,860	9,668	9,585	9,655	9,453	9,257	8,938	8,945	8,779
Transport equipment operatives	3,438	3,368	3,415	3,503	3,397	3,460	3,419	3,414	3,439	3,269	3,369	3,382	3,271
Nonfarm laborers	4,614	4,361	4,451	4,397	4,648	4,343	4,607	4,441	4,488	4,598	4,583	4,696	4,488
Service workers	13,670	13,639	13,709	13,612	13,526	13,555	13,738	13,791	13,634	13,926	14,029	13,725	13,871
Farm workers	2,802	2,660	2,817	2,787	2,710	2,823	2,731	2,660	2,750	2,711	2,714	2,710	2,761
MAJOR INDUSTRY AND CLASS OF WORKER													
Agriculture													
Wage and salary workers	1,436	1,352	1,377	1,426	1,416	1,423	1,541	1,431	1,530	1,568	1,538	1,608	1,599
Self-employed workers	1,641	1,602	1,674	1,596	1,644	1,664	1,698	1,676	1,674	1,613	1,562	1,616	1,625
Unpaid family workers	321	228	380	359	277	270	236	251	250	254	255	221	247
Nonagricultural industries													
Wage and salary workers	89,238	88,991	88,759	88,586	88,526	88,322	89,051	88,606	88,541	88,737	88,650	87,395	87,877
Government	15,397	15,585	15,578	15,527	15,492	15,453	15,422	15,635	15,443	15,569	15,691	15,420	15,498
Private industries	73,841	73,406	73,181	73,059	73,034	72,869	73,629	72,970	73,098	73,168	72,959	72,575	72,380
Private households	1,204	1,291	1,248	1,161	1,225	1,192	1,202	1,201	1,200	1,242	1,229	1,220	1,238
Other industries	72,637	72,115	71,932	71,898	71,809	71,677	72,427	71,770	71,898	71,927	71,730	71,355	71,189
Self-employed workers	7,141	7,057	6,971	7,055	7,126	7,264	7,269	7,319	7,268	7,352	7,478	7,333	7,353
Unpaid family workers	425	410	410	808	434	413	382	397	390	409	372	415	381
PERSONS AT WORK[1]													
Nonagricultural industries	91,323	90,922	90,125	90,892	90,548	90,596	91,282	91,020	90,501	90,508	91,058	90,220	90,239
Full-time schedules	73,915	73,360	72,803	73,028	72,649	72,335	73,036	72,662	72,430	72,112	71,700	71,215	71,408
Part-time for economic reasons	5,026	5,288	5,071	5,563	5,717	5,834	5,763	5,444	5,492	5,648	6,600	6,574	6,884
Usually work full-time	1,945	2,121	1,783	2,193	2,237	2,223	2,211	2,064	2,001	2,054	2,571	2,514	2,226
Usually work part-time	3,081	3,167	3,287	3,370	3,480	3,611	3,552	3,380	3,491	3,594	4,029	4,060	4,258
Part time for noneconomic reasons	12,382	12,274	12,251	12,300	12,183	12,427	12,483	12,914	12,579	12,748	12,754	12,431	12,346

[1] Excludes persons "with a job but not at work" during the survey period for such reasons as vacation, illness, or industrial dispute.

A-43. Employment status of male Vietnam-era veterans and nonveterans by age

(Numbers in thousands)

Veteran status and age	Not seasonally adjusted									
	Civilian noninstitutional population		Civilian labor force							
			Total		Employed		Unemployed			
							Number		Percent of labor force	
	Nov. 1981	Nov. 1982	Nov. 1981	Nov. 1982	Nov. 1981	Nov. 1982	Nov. 1981	Nov. 1982	Nov. 1981	Nov. 1982
VETERANS										
Total, 25 years and over	8,638	8,263	8,187	7,774	7,661	7,056	526	718	6.4	9.2
25 to 39 years	7,300	6,643	7,013	6,349	6,538	5,727	475	622	6.8	9.8
25 to 29 years	1,401	1,016	1,303	945	1,156	797	147	148	11.3	15.7
30 to 34 years	3,200	2,625	3,081	2,492	2,890	2,265	191	227	6.2	9.1
35 to 39 years	2,699	3,002	2,629	2,912	2,492	2,665	137	247	5.2	8.5
40 years and over	1,338	1,620	1,174	1,425	1,123	1,329	51	96	4.3	6.7
NONVETERANS										
Total, 25 to 39 years	17,564	19,042	16,640	18,035	15,511	16,240	1,129	1,795	6.8	10.0
25 to 29 years	7,968	8,399	7,493	7,910	6,876	6,979	617	931	8.2	11.8
30 to 34 years	5,666	6,333	5,413	6,007	5,101	5,459	312	508	5.8	8.5
35 to 39 years	3,930	4,310	3,734	4,118	3,534	3,762	200	356	5.4	8.6

NOTE: Vietnam-era veterans are males who served in the Armed Forces between August 5, 1964 and May 7, 1975. Nonveterans are males who have never served in the Armed Forces; published data are limited to those 25 to 39 years of age, the group that most closely corresponds to the bulk of the Vietnam-era veteran population.

B-1. Employees on nonagricultural payrolls by industry division, 1930 to date

(In thousands)

Year and month	Total	Goods-producing				Service-producing								
		Total	Mining	Construction	Manufacturing	Total	Transportation and public utilities	Wholesale and retail trade			Finance, insurance and real estate	Services	Government		
								Total	Wholesale trade	Retail trade			Total	Federal	State and local
Annual averages															
1930	29,409	11,956	1,009	1,387	9,562	17,451	3,685	5,797	–	–	1,460	3,361	3,148	526	2,622
1931	26,635	10,272	873	1,229	8,170	16,363	3,254	5,284	–	–	1,392	3,169	3,264	560	2,704
1932	23,615	8,647	731	985	6,931	14,968	2,816	4,683	–	–	1,326	2,918	3,225	559	2,666
1933	23,699	8,965	744	824	7,397	14,734	2,672	4,755	–	–	1,280	2,861	3,166	565	2,601
1934	25,940	10,261	883	877	8,501	15,679	2,750	5,281	–	–	1,304	3,045	3,299	652	2,647
1935	27,039	10,893	897	927	9,069	16,146	2,786	5,431	–	–	1,320	3,128	3,481	753	2,728
1936	29,068	11,933	946	1,160	9,827	17,135	2,973	5,809	–	–	1,373	3,312	3,668	826	2,842
1937	31,011	12,936	1,015	1,127	10,794	18,075	3,134	6,265	–	–	1,417	3,503	3,756	833	2,923
1938	29,194	11,401	891	1,070	9,440	17,793	2,863	6,179	–	–	1,410	3,458	3,883	829	3,054
1939	30,603	12,297	854	1,165	10,278	18,306	2,936	6,426	1,762	4,664	1,447	3,502	3,995	905	3,090
1940	32,361	13,221	925	1,311	10,985	19,140	3,038	6,750	1,835	4,914	1,485	3,665	4,202	996	3,206
1941	36,539	15,963	957	1,814	13,192	20,574	3,274	7,210	1,960	5,251	1,525	3,905	4,660	1,340	3,320
1942	40,106	18,470	992	2,198	15,280	21,636	3,460	7,118	1,906	5,212	1,509	4,066	5,483	2,213	3,270
1943	42,434	20,114	925	1,587	17,602	22,320	3,647	6,982	1,822	5,160	1,481	4,130	6,080	2,905	3,175
1944	41,864	19,328	892	1,108	17,328	22,536	3,829	7,058	1,845	5,214	1,461	4,165	6,043	2,928	3,116
1945	40,374	17,507	836	1,147	15,524	22,867	3,906	7,314	1,949	5,365	1,481	4,222	5,944	2,808	3,137
1946	41,652	17,248	862	1,683	14,703	24,404	4,061	8,376	2,291	6,084	1,675	4,697	5,595	2,256	3,341
1947	43,857	18,509	955	2,009	15,545	25,348	4,166	8,955	2,471	6,485	1,728	5,025	5,474	1,892	3,582
1948	44,866	18,774	994	2,198	15,582	26,092	4,189	9,272	2,605	6,667	1,800	5,181	5,650	1,863	3,787
1949	43,754	17,565	930	2,194	14,441	26,189	4,001	9,264	2,602	6,662	1,828	5,240	5,856	1,908	3,948
1950	45,197	18,506	901	2,364	15,241	26,691	4,034	9,386	2,635	6,751	1,888	5,357	6,026	1,928	4,098
1951	47,819	19,959	929	2,637	16,393	27,860	4,226	9,742	2,727	7,015	1,956	5,547	6,389	2,302	4,087
1952	48,793	20,198	898	2,668	16,632	28,595	4,248	10,004	2,812	7,192	2,035	5,699	6,609	2,420	4,188
1953	50,202	21,074	866	2,659	17,549	29,128	4,290	10,247	2,854	7,393	2,111	5,835	6,645	2,305	4,340
1954	48,990	19,751	791	2,646	16,314	29,239	4,084	10,235	2,867	7,368	2,200	5,969	6,751	2,188	4,563
1955	50,641	20,513	792	2,839	16,882	30,128	4,141	10,535	2,926	7,610	2,298	6,240	6,914	2,187	4,727
1956	52,369	21,104	822	3,039	17,243	31,266	4,244	10,858	3,018	7,840	2,389	6,497	7,278	2,209	5,069
1957	52,853	20,964	828	2,962	17,174	31,889	4,241	10,886	3,028	7,858	2,438	6,708	7,616	2,217	5,399
1958	51,324	19,513	751	2,817	15,945	31,811	3,976	10,750	2,980	7,770	2,481	6,765	7,839	2,191	5,648
1959[2]	53,268	20,611	732	3,004	16,675	32,857	4,011	11,127	3,082	8,045	2,569	7,087	8,083	2,233	5,850
1960	54,189	20,434	712	2,926	16,796	33,755	4,004	11,391	3,143	8,248	2,629	7,378	8,353	2,270	6,083
1961	53,999	19,857	672	2,859	16,326	34,142	3,903	11,337	3,133	8,204	2,688	7,620	8,594	2,279	6,315
1962	55,549	20,451	650	2,948	16,853	35,098	3,906	11,566	3,198	8,368	2,754	7,982	8,890	2,340	6,550
1963	56,653	20,640	635	3,010	16,995	36,013	3,903	11,778	3,248	8,530	2,830	8,277	9,225	2,358	6,868
1964	58,283	21,005	634	3,097	17,274	37,278	3,951	12,160	3,337	8,823	2,911	8,660	9,596	2,348	7,248
1965	60,765	21,926	632	3,232	18,062	38,839	4,036	12,716	3,466	9,250	2,977	9,036	10,074	2,378	7,696
1966	63,901	23,158	627	3,317	19,214	40,743	4,158	13,245	3,597	9,648	3,058	9,498	10,784	2,564	8,220
1967	65,803	23,308	613	3,248	19,447	42,495	4,268	13,606	3,689	9,917	3,185	10,045	11,391	2,719	8,672
1968	67,897	23,737	606	3,350	19,781	44,160	4,318	14,099	3,779	10,320	3,337	10,561	11,839	2,737	9,102
1969	70,384	24,361	619	3,375	20,167	46,023	4,442	14,705	3,907	10,798	3,512	11,169	12,195	2,758	9,437
1970	70,880	23,578	623	3,588	19,367	47,302	4,515	15,040	3,993	11,047	3,645	11,548	12,554	2,731	9,823
1971	71,214	22,935	609	3,704	18,623	48,278	4,476	15,352	4,001	11,351	3,772	11,797	12,881	2,696	10,185
1972	73,675	23,668	628	3,889	19,151	50,007	4,541	15,949	4,113	11,836	3,908	12,276	13,334	2,684	10,649
1973	76,790	24,893	642	4,097	20,154	51,897	4,636	16,607	4,277	12,329	4,046	12,857	13,732	2,663	11,068
1974	78,265	24,794	697	4,020	20,077	53,471	4,725	16,987	4,433	12,554	4,148	13,441	14,170	2,724	11,446
1975	76,945	22,600	752	3,525	18,323	54,345	4,542	17,060	4,415	12,645	4,165	13,892	14,686	2,748	11,937
1976	79,382	23,352	779	3,576	18,997	56,030	4,582	17,755	4,546	13,209	4,271	14,551	14,871	2,733	12,138
1977	82,471	24,346	813	3,851	19,682	58,125	4,713	18,516	4,708	13,808	4,467	15,303	15,127	2,727	12,399
1978	86,697	25,585	851	4,229	20,505	61,113	4,923	19,542	4,969	14,573	4,724	16,252	15,672	2,753	12,919
1979	89,823	26,461	558	4,463	21,040	63,363	5,136	20,192	5,204	14,989	4,975	17,112	15,947	2,773	13,174
1980	90,406	25,658	1,027	4,346	20,285	64,748	5,146	20,310	5,275	15,035	5,160	17,890	16,241	2,866	13,375
1981	91,105	25,481	1,132	4,176	20,173	65,625	5,157	20,551	5,359	15,192	5,301	18,592	16,024	2,772	13,253
	Monthly data, seasonally adjusted														
1981:															
November	90,596	25,176	1,202	4,071	19,903	65,820	5,150	20,623	5,375	15,248	5,324	18,815	15,908	2,749	13,159
December	90,642	24,908	1,206	4,026	19,676	65,734	5,128	20,524	5,357	15,167	5,331	18,834	15,917	2,756	13,161
1982:															
January	90,460	24,684	1,201	3,966	19,517	65,776	5,125	20,630	5,346	15,284	5,326	18,831	15,864	2,741	13,123
February	90,459	24,631	1,203	3,974	19,454	65,828	5,115	20,670	5,343	15,327	5,326	18,867	15,850	2,737	13,113
March	90,304	24,450	1,197	3,934	19,319	65,854	5,100	20,655	5,336	15,319	5,336	18,904	15,859	2,736	13,123
April	90,083	24,289	1,182	3,938	19,169	65,794	5,054	20,584	5,323	15,261	5,335	18,929	15,852	2,730	13,122
May	90,166	24,255	1,152	3,988	19,115	65,911	5,101	20,652	5,331	15,321	5,342	18,963	15,853	2,728	13,125
June	89,839	23,994	1,124	3,940	18,930	65,845	5,078	20,595	5,307	15,288	5,352	18,988	15,832	2,739	13,093
July	89,535	23,840	1,100	3,927	18,813	65,695	5,044	20,615	5,299	15,316	5,359	19,042	15,635	2,737	12,898
August	89,312	23,657	1,086	3,899	18,672	65,655	5,025	20,550	5,278	15,272	5,360	19,048	15,672	2,739	12,933
September	89,267	23,530	1,075	3,883	18,572	65,737	5,031	20,492	5,272	15,220	5,367	19,084	15,763	2,734	13,029
October.P	88,878	23,242	1,065	3,854	18,323	65,636	5,009	20,437	5,251	15,186	5,358	19,087	15,745	2,723	13,022
November.P	88,715	23,086	1,051	3,850	18,185	65,629	5,009	20,388	5,232	15,156	5,364	19,127	15,741	2,726	13,015

[1] Data for September, October, and November 1982 are estimated by the Bureau of Labor Statistics.

[2] Data include Alaska and Hawaii beginning 1959. This inclusion has resulted in an increase of 212,000 (0.4 percent) in the nonagricultural total for the March 1959 benchmark month.

p = preliminary.

NOTE: Data from April 1981 forward are subject to revision when more recent benchmark data are introduced. See "Benchmark adjustment" in the Explanatory Notes of this publication.

ESTABLISHMENT DATA
EMPLOYMENT

B-2. Employees on nonagricultural payrolls by industry

(In thousands)

1972 SIC Code	Industry	All employees					Production workers[1]				
		Oct. 1981	Nov. 1981	Sept. 1982	Oct. 1982P	Nov. 1982P	Oct. 1981	Nov. 1981	Sept. 1982	Oct. 1982P	Nov. 1982P
—	TOTAL	91,084	91,765	89,523	89,536	89,451	-	-	-	-	-
—	PRIVATE SECTOR	75,084	75,628	74,129	73,706	73,482	61,565	61,311	59,869	59,491	59,277
—	MINING	1,196	1,203	1,089	1,066	1,052	880	885	772	755	745
10	METAL MINING	102.7	99.9	61.7	56.8	-	77.2	75.1	44.3	41.4	-
101	Iron ores	20.9	19.0	5.2	5.2	-	16.2	14.7	3.2	3.2	-
102	Copper ores	35.9	35.8	21.0	20.6	-	27.6	27.6	14.9	14.4	-
11, 12	COAL MINING	251.8	255.4	229.3	225.8	-	208.2	212.3	186.1	182.0	-
12	BITUMINOUS COAL AND LIGNITE MINING	248.3	251.9	225.9	222.5	-	205.0	209.1	183.1	180.0	-
13	OIL AND GAS EXTRACTION	719.6	728.2	674.9	684.4	-	591.2	597.0	550.7	562.8	-
131, 2	Crude petroleum, natural gas, and natural gas liquids	274.2	276.6	291.4	285.6	-	118.4	119.2	130.8	130.8	-
138	Oil and gas field services	445.4	451.6	383.5	374.6	-	382.9	387.8	319.9	312.0	-
14	NONMETALLIC MINERALS, EXCEPT FUELS	121.7	119.1	118.1	116.5	-	93.3	90.8	90.7	89.2	-
142	Crushed and broken stone	38.0	37.1	37.4	37.3	-	31.1	30.2	30.2	30.0	-
144	Sand and gravel	35.2	34.0	35.1	34.3	-	-	-	-	-	-
147	Chemical and fertilizer minerals	27.4	27.1	24.5	24.3	-	-	-	-	-	-
—	CONSTRUCTION	4,340	4,221	4,112	4,081	3,992	3,412	3,300	3,197	3,172	3,081
15	GENERAL BUILDING CONTRACTORS	1,111.0	1,074.8	1,004.7	997.6	-	846.9	813.3	749.3	744.7	-
152	Residential building construction	526.4	505.9	492.4	487.1	-	385.8	368.0	357.5	353.5	-
153	Operative builders	57.3	53.8	47.8	47.7	-	32.7	29.5	22.4	22.3	-
154	Nonresidential building construction	527.3	515.1	464.5	462.8	-	428.4	415.8	369.4	368.3	-
16	HEAVY CONSTRUCTION CONTRACTORS	975.5	940.9	917.6	907.2	-	792.7	759.9	743.0	733.2	-
161	Highway and street construction	274.1	252.9	261.3	256.2	-	232.0	211.3	222.6	217.8	-
162	Heavy construction, except highway	701.4	688.0	656.5	651.0	-	560.7	548.6	520.4	515.4	-
17	SPECIAL TRADE CONTRACTORS	2,253.3	2,205.3	2,189.7	2,176.4	-	1,772.4	1,727.2	1,704.9	1,694.4	-
171	Plumbing, heating, air conditioning	530.2	523.2	498.8	496.7	-	393.7	387.1	362.4	361.4	-
172	Painting, paper hanging, decorating	142.1	136.7	143.0	139.1	-	118.5	113.7	120.0	115.3	-
173	Electrical work	420.5	416.5	402.5	402.1	-	326.4	322.5	307.9	308.2	-
174	Masonry, stonework, and plastering	331.3	324.6	316.6	317.3	-	282.6	275.5	267.7	263.5	-
175	Carpentering and flooring	119.8	115.5	115.6	113.8	-	88.9	84.9	86.0	84.9	-
176	Roofing and sheet metal work	167.3	166.8	165.0	165.5	-	136.4	135.9	132.4	132.6	-
—	MANUFACTURING	20,271	20,025	18,795	18,495	18,302	14,079	13,834	12,773	12,497	12,331
24, 25, 32-39	DURABLE GOODS	12,144	11,979	10,982	10,749	10,637	8,297	8,135	7,264	7,055	6,962
20-23, 26-31	NONDURABLE GOODS	8,127	8,046	7,813	7,746	7,665	5,782	5,699	5,509	5,442	5,369
	DURABLE GOODS										
24	LUMBER AND WOOD PRODUCTS	654.5	625.1	634.5	623.9	617.4	542.3	517.1	528.9	518.2	507.2
241	Logging camps and logging contractors	86.2	82.9	85.0	82.7	-	68.8	65.3	67.4	64.9	-
242	Sawmills and planing mills	199.0	191.2	198.9	194.8	-	174.8	167.6	174.6	170.7	-
2421	Sawmills and planing mills, general	165.1	158.0	167.3	163.3	-	145.6	139.0	147.2	143.4	-
2426	Hardwood dimension and flooring	28.9	28.2	27.1	27.1	-	24.9	24.2	23.3	23.4	-
243	Millwork, plywood, and structural members	183.9	174.9	177.1	174.6	-	150.8	141.8	144.0	141.4	-
2431	Millwork	64.9	61.5	65.3	64.0	-	51.7	48.3	51.4	50.1	-
2434	Wood kitchen cabinets	45.0	42.3	40.2	39.5	-	35.7	33.1	31.4	30.4	-
2435	Hardwood veneer and plywood	24.6	23.7	21.7	21.2	-	21.7	20.8	18.8	18.4	-
2436	Softwood veneer and plywood	36.5	34.9	36.2	35.9	-	32.5	30.8	32.0	31.0	-
244	Wood containers	40.9	39.6	40.0	40.2	-	34.7	33.3	34.0	34.0	-
245	Wood buildings and mobile homes	64.6	62.2	61.5	59.6	-	46.5	43.8	45.1	43.9	-
2451	Mobile homes	46.9	45.3	46.7	45.1	-	35.4	33.5	35.8	34.5	-
249	Miscellaneous wood products	79.9	78.3	72.4	72.0	-	66.7	65.3	59.8	59.3	-
25	FURNITURE AND FIXTURES	473.9	467.4	441.3	438.5	438.2	381.0	373.7	348.9	345.8	345.3
251	Household furniture	299.6	295.6	273.5	272.6	-	250.1	245.6	225.4	224.0	-
2511	Wood household furniture	133.8	131.7	123.3	121.8	-	116.0	113.5	105.8	103.7	-
2512	Upholstered household furniture	89.7	88.8	83.1	83.1	-	72.9	72.0	67.1	67.2	-
2514	Metal household furniture	31.3	31.6	26.6	28.1	-	25.4	25.4	20.8	22.3	-
2515	Mattresses and bedsprings	30.7	29.5	28.9	28.2	-	23.6	22.5	21.8	21.1	-
252	Office furniture	55.6	55.7	54.9	53.6	-	43.7	43.5	42.1	41.1	-
253	Public building and related furniture	23.9	23.6	21.4	21.8	-	18.1	17.7	15.6	16.0	-
254	Partitions and fixtures	63.7	61.5	59.1	58.1	-	47.5	45.6	43.7	42.8	-
259	Miscellaneous furniture and fixtures	31.1	31.0	32.4	32.4	-	21.6	21.3	22.1	21.9	-

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry – Continued

(In thousands)

1972 SIC Code	Industry	All employees					Production workers[1]				
		Oct. 1981	Nov. 1981	Sept. 1982	Oct. 1982p	Nov. 1982p	Oct. 1981	Nov. 1981	Sept. 1982	Oct. 1982p	Nov. 1982p
32	STONE, CLAY, AND GLASS PRODUCTS	639.6	626.5	584.0	573.9	566.4	464.0	452.4	445.0	435.4	427.7
321	Flat glass	18.5	17.9	16.0	15.7	–	14.6	14.1	12.7	12.4	–
322	Glass and glassware, pressed or blown	121.6	115.8	111.0	106.7	–	103.3	101.5	93.3	91.2	–
3221	Glass containers	67.5	66.1	64.0	63.1	–	59.4	57.9	56.4	55.5	–
3229	Pressed and blown glass, nec	54.1	53.7	47.0	45.6	–	43.9	43.4	36.9	35.7	–
323	Products of purchased glass	44.5	43.8	40.6	35.8	–	29.7	28.9	27.0	26.2	–
324	Cement, hydraulic	30.0	30.8	29.0	28.2	–	23.8	24.3	22.8	22.3	–
325	Structural clay products	40.5	39.4	34.3	34.4	–	30.9	29.3	25.1	25.1	–
326	Pottery and related products	43.0	42.3	39.0	38.9	–	35.4	34.7	31.4	31.2	–
327	Concrete, gypsum, and plaster products	194.0	186.5	184.0	180.7	–	149.9	145.8	140.9	137.7	–
3271	Concrete block and brick	19.1	18.7	18.5	18.7	–	13.0	12.7	12.9	12.6	–
3272	Concrete products, nec	65.9	64.7	61.3	59.3	–	49.8	48.6	45.7	43.7	–
3273	Ready mixed concrete	69.7	67.1	65.9	65.2	–	71.6	65.3	67.9	67.4	–
329	Misc. nonmetallic mineral products	135.1	133.5	117.8	115.7	–	96.3	98.2	82.1	80.1	–
3291	Abrasive products	27.6	27.6	23.6	23.4	–	18.5	18.4	14.7	14.4	–
3292	Asbestos products	15.7	15.5	14.0	13.6	–	12.0	11.8	10.5	10.2	–
3296	Mineral wool	29.2	28.7	27.1	27.1	–	–	–	–	–	–
33	PRIMARY METAL INDUSTRIES	1,102.2	1,081.0	870.4	830.2	810.2	842.3	820.7	642.2	606.1	591.6
331	Blast furnace and basic steel products	490.2	476.7	357.4	340.3	–	376.6	364.3	263.0	247.7	–
3312	Blast furnaces and steel mills	406.6	396.9	292.9	278.9	–	313.0	302.5	216.2	201.8	–
3317	Steel pipe and tubes	31.7	30.8	24.0	22.4	–	24.6	23.6	17.5	16.9	–
332	Iron and steel foundries	199.9	195.2	152.3	139.6	–	158.4	153.8	116.6	104.7	–
3321	Gray iron foundries	120.3	117.5	93.2	85.5	–	97.8	95.1	73.6	66.3	–
3322	Malleable iron foundries	15.8	15.1	11.9	10.6	–	12.1	11.5	8.7	7.5	–
3325	Steel foundries, nec	50.6	49.6	36.8	33.5	–	39.8	38.7	27.6	24.4	–
333	Primary nonferrous metals	69.0	67.8	55.5	53.4	–	51.5	50.2	39.9	38.1	–
3334	Primary aluminum	35.5	34.6	28.4	26.5	–	27.3	26.3	21.0	19.6	–
335	Nonferrous rolling and drawing	205.1	202.6	183.5	179.0	–	147.3	145.4	129.5	125.5	–
3351	Copper rolling and drawing	29.1	28.6	24.9	23.8	–	21.8	21.4	18.6	17.2	–
3353	Aluminum sheet, plate, and foil	33.8	33.1	29.9	29.6	–	26.2	25.5	22.9	22.9	–
3357	Nonferrous wire drawing and insulating	67.6	67.3	78.4	76.7	–	62.9	62.8	55.2	53.3	–
336	Nonferrous foundries	89.0	87.8	78.5	76.2	–	71.3	70.0	61.8	59.8	–
3361	Aluminum foundries	51.8	51.1	44.7	43.1	–	42.3	41.5	36.0	34.8	–
34	FABRICATED METAL PRODUCTS	1,591.8	1,570.4	1,424.9	1,394.3	1,388.6	1,169.7	1,149.6	1,027.8	1,002.4	998.7
341	Metal cans and shipping containers	68.7	67.8	67.4	64.1	–	58.3	57.4	57.2	53.9	–
3411	Metal cans	56.0	55.1	55.1	52.1	–	46.2	47.3	47.7	44.7	–
342	Cutlery, hand tools, and hardware	158.2	156.2	133.8	131.6	–	120.2	118.1	96.9	94.8	–
3423,5	Hand and edge tools, and hand saws and blades	55.0	54.4	43.8	43.1	–	41.9	41.4	31.8	30.9	–
3429	Hardware, nec	88.1	86.9	76.5	74.9	–	67.2	65.9	55.9	54.2	–
343	Plumbing and heating, except electric	70.2	69.4	66.8	66.9	–	50.7	49.5	46.8	46.9	–
3432	Plumbing fittings and brass goods	26.9	26.3	26.8	26.3	–	21.5	20.8	21.0	20.4	–
3433	Heating equipment, except electric	32.4	32.5	30.0	30.5	–	21.8	21.7	19.4	19.9	–
344	Fabricated structural metal products	507.7	501.2	456.5	451.2	–	345.7	339.8	307.6	304.5	–
3441	Fabricated structural metal	100.5	100.4	86.4	84.6	–	71.8	71.4	60.4	58.6	–
3442	Metal doors, sash, and trim	80.9	78.9	79.6	79.1	–	58.6	56.4	58.1	57.9	–
3443	Fabricated plate work (boiler shops)	148.7	146.6	127.9	125.4	–	90.0	88.3	75.8	75.9	–
3444	Sheet metal work	108.9	107.8	100.8	100.1	–	79.2	78.6	72.2	71.5	–
3446	Architectural metal work	30.4	29.8	28.2	28.5	–	21.1	20.7	19.3	19.8	–
345	Screw machine products, bolts, etc.	104.5	103.5	88.6	85.8	–	80.2	79.3	66.0	63.4	–
3451	Screw machine products	47.8	47.4	41.2	40.5	–	38.7	38.2	32.0	31.4	–
3452	Bolts, nuts, rivets, and washers	56.7	56.1	47.4	45.3	–	41.5	41.1	34.0	32.0	–
346	Metal forgings and stampings	256.3	249.6	225.0	214.5	–	202.9	196.7	176.1	166.7	–
3462	Iron and steel forgings	43.6	42.7	32.4	30.4	–	33.9	33.1	24.0	22.9	–
3465	Automotive stampings	94.8	91.6	86.4	80.4	–	78.6	75.7	72.4	66.7	–
3469	Metal stampings, nec	105.6	103.1	94.7	92.7	–	81.0	78.5	71.0	69.6	–
347	Metal services, nec	103.0	102.1	91.2	89.9	–	82.7	82.1	71.7	70.7	–
3471	Plating and polishing	70.2	69.5	62.9	62.2	–	57.4	57.1	50.8	50.3	–
3479	Metal coating and allied services	32.8	32.6	28.3	27.7	–	25.3	25.0	20.9	20.4	–
348	Ordnance and accessories, nec	70.1	70.3	71.9	71.8	–	44.1	44.7	45.6	45.4	–
3483	Ammunition, exc. for small arms, nec	26.6	26.9	27.7	27.9	–	16.5	17.2	17.5	17.8	–
349	Misc. fabricated metal products	253.1	250.3	223.7	218.5	–	184.9	182.0	159.9	155.5	–
3494	Valves and pipe fittings	103.7	103.8	90.8	88.6	–	70.3	70.1	59.5	58.0	–
3496	Misc. fabricated wire products	54.0	53.2	50.7	50.3	–	41.8	41.0	38.4	38.0	–
35	MACHINERY, EXCEPT ELECTRICAL	2,525.1	2,510.0	2,206.2	2,138.0	2,109.2	1,593.2	1,577.6	1,308.6	1,246.4	1,228.5
351	Engines and turbines	136.2	135.1	108.3	105.9	–	88.1	87.2	65.3	63.3	–
3511	Turbines and turbine generator sets	45.7	45.5	41.8	41.7	–	24.4	24.4	22.7	22.5	–
3519	Internal combustion engines, nec	90.5	89.6	66.5	64.2	–	63.7	62.8	42.6	40.7	–
352	Farm and garden machinery	151.4	149.3	125.5	120.8	–	100.3	98.8	80.3	75.5	–
3523	Farm machinery and equipment	129.2	126.2	106.1	100.9	–	84.1	81.6	67.6	62.2	–
353	Construction and related machinery	409.2	408.4	310.0	284.9	–	268.3	267.1	185.9	161.7	–
3531	Construction machinery	144.9	143.5	106.4	89.9	–	95.4	93.9	62.2	45.0	–

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry – Continued

(In thousands)

1972 SIC Code	Industry	All employees					Production workers[1]				
		Oct. 1981	Nov. 1981	Sept. 1982	Oct. 1982P	Nov. 1982P	Oct. 1981	Nov. 1981	Sept. 1982	Oct. 1982P	Nov. 1982P
	MACHINERY, EXCEPT ELECTRICAL—Continued										
3532	Mining machinery	38.5	38.5	29.5	27.9	-	23.8	23.8	17.2	16.2	-
3533	Oil field machinery	124.7	126.4	90.8	86.7	-	88.7	88.3	58.6	55.2	-
3535	Conveyors and conveying equipment	35.1	35.0	31.7	30.2	-	19.7	19.5	16.8	15.7	-
3537	Industrial trucks and tractors	35.-	34.1	26.5	25.6	-	23.3	22.2	15.8	14.9	-
354	Metalworking machinery	364.5	361.0	306.6	297.0	-	263.9	259.9	212.3	204.5	-
3541	Machine tools, metal cutting types	78.8	76.5	57.1	53.7	-	50.8	49.0	33.5	31.2	-
3542	Machine tools, metal forming types	24.5	24.4	18.8	18.2	-	15.3	15.3	11.1	10.8	-
3544	Special dies, tools, jigs, and fixtures	137.5	136.4	125.6	123.8	-	109.0	107.9	97.1	95.5	-
3545	Machine tool accessories	68.9	65.0	58.2	56.0	-	48.5	48.5	38.2	36.6	-
3546	Power driven hand tools	30.4	30.3	25.5	24.4	-	23.3	23.1	18.5	17.6	-
355	Special industry machinery	195.6	194.8	175.5	171.8	-	129.1	122.7	106.6	103.6	-
3551	Food products machinery	43.1	42.8	40.8	40.3	-	27.5	27.2	25.9	25.3	-
3552	Textile machinery	25.3	25.4	21.8	21.4	-	17.4	17.3	14.4	13.7	-
3555	Printing trades machinery	38.7	38.9	37.9	37.2	-	24.3	24.3	22.3	21.7	-
356	General industrial machinery	320.5	318.1	266.2	260.1	-	207.1	205.3	166.0	159.9	-
3561	Pumps and pumping equipment	63.1	62.9	54.1	52.5	-	37.1	36.5	30.7	29.8	-
3562	Ball and roller bearings	55.3	55.1	44.2	41.9	-	42.4	42.1	32.5	30.7	-
3563	Air and gas compressors	31.7	31.6	27.8	27.1	-	18.5	18.8	15.0	14.4	-
3564	Blowers and fans	39.6	38.6	35.9	35.1	-	24.9	24.0	22.1	21.3	-
3566	Speed changers, drives, and gears	27.6	27.3	19.6	18.8	-	18.2	17.9	12.4	11.7	-
3568	Power transmission equipment, nec	23.0	22.9	17.8	17.3	-	16.3	16.2	11.8	11.3	-
357	Office and computing machines	475.0	478.1	494.3	492.2	-	191.3	192.4	192.8	193.1	-
3573	Electronic computing equipment	400.9	404.5	425.3	423.1	-	151.9	153.2	157.2	155.3	-
358	Refrigeration and service machinery	176.6	173.2	157.4	152.6	-	123.9	120.7	106.4	102.5	-
3585	Refrigeration and heating equipment	120.9	117.2	103.7	99.4	-	85.7	82.4	71.3	67.7	-
359	Misc. machinery, except electrical	295.9	292.0	260.2	252.7	-	227.1	223.5	193.4	185.2	-
3592	Carburetors, pistons, rings, valves	38.2	36.9	34.8	33.1	-	30.6	29.4	26.9	24.8	-
3599	Machinery, except electrical, nec	257.7	255.1	225.4	220.6	-	196.5	194.1	166.5	161.8	-
36	**ELECTRIC AND ELECTRONIC EQUIPMENT**	2,113.3	2,086.8	2,001.0	1,981.3	1,975.3	1,323.1	1,293.8	1,206.6	1,190.4	1,185.3
361	Electric distributing equipment	122.4	121.5	106.2	105.0	-	87.0	86.0	74.5	73.8	-
3612	Transformers	55.0	54.4	47.6	46.8	-	39.0	38.4	34.1	33.1	-
3613	Switchgear and switchboard apparatus	67.4	67.1	58.6	58.0	-	48.0	47.6	40.4	40.7	-
362	Electrical industrial apparatus	241.8	238.1	202.5	196.9	-	171.5	166.9	139.7	138.9	-
3621	Motors and generators	125.1	122.0	103.2	100.6	-	95.9	93.1	77.7	75.5	-
3622	Industrial controls	71.9	69.8	62.3	61.3	-	43.7	42.4	36.9	36.3	-
363	Household appliances	162.4	145.3	143.3	140.9	-	127.7	114.7	110.9	108.5	-
3632	Household refrigerators and freezers	32.5	27.8	27.9	27.0	-	26.1	21.6	21.8	20.9	-
3633	Household laundry equipment	21.5	19.1	19.0	18.9	-	16.6	14.2	14.1	14.2	-
3634	Electric housewares and fans	53.3	51.4	48.4	48.0	-	43.0	40.8	37.5	37.1	-
364	Electric lighting and wiring equipment	202.8	201.0	184.7	182.9	-	148.8	146.9	134.4	132.9	-
3641	Electric lamps	33.1	32.9	30.5	30.5	-	28.9	28.8	26.6	26.7	-
3643	Current-carrying wiring devices	83.5	83.3	76.7	75.6	-	56.1	55.7	50.4	49.3	-
3644	Noncurrent-carrying wiring devices	20.8	20.7	17.8	17.6	-	15.0	15.0	12.9	12.6	-
3645	Residential lighting fixtures	24.6	24.1	22.3	22.6	-	18.7	18.2	16.8	17.3	-
365	Radio and TV receiving equipment	110.3	107.7	94.0	92.6	-	78.5	76.0	64.7	63.6	-
3651	Radio and TV receiving sets	84.1	82.6	73.0	71.3	-	57.8	56.6	49.4	48.0	-
366	Communication equipment	554.7	554.8	555.0	555.0	-	268.6	266.6	255.3	255.8	-
3661	Telephone and telegraph apparatus	152.1	149.1	138.8	137.5	-	101.5	98.6	87.9	86.3	-
3662	Radio and TV communication equipment	402.6	405.7	416.2	417.5	-	167.1	168.0	167.4	169.5	-
367	Electronic components and accessories	567.6	566.2	571.2	565.3	-	332.1	329.1	324.2	319.4	-
3671-3	Electronic tubes	44.2	43.5	43.7	43.3	-	26.9	26.2	26.6	26.3	-
3674	Semiconductors and related devices	224.8	225.0	232.0	230.5	-	91.8	90.5	92.3	91.4	-
3679	Electronic components, nec	225.8	225.7	228.4	225.3	-	157.5	157.5	155.2	152.5	-
369	Misc. electrical equipment and supplies	151.3	150.2	143.7	141.9	-	108.9	107.6	102.9	101.5	-
3691	Storage batteries	30.9	31.2	29.6	29.4	-	24.3	24.5	23.0	23.0	-
3694	Engine electrical equipment	62.4	61.1	56.4	55.7	-	48.4	47.2	44.1	43.4	-
37	**TRANSPORTATION EQUIPMENT**	1,888.9	1,857.0	1,727.4	1,688.5	1,662.6	1,208.2	1,182.1	1,076.3	1,042.2	1,017.3
371	Motor vehicles and equipment	793.9	785.2	708.1	677.2	-	592.4	567.3	523.4	495.9	-
3711	Motor vehicles and car bodies	359.7	341.1	318.3	306.0	-	254.8	238.5	225.3	218.4	-
3713	Truck and bus bodies	36.9	35.6	31.6	28.8	-	28.0	26.9	23.9	21.1	-
3714	Motor vehicle parts and accessories	365.3	358.3	331.5	315.6	-	285.3	279.1	255.1	241.2	-
3715	Truck trailers	27.0	25.5	21.5	21.4	-	20.6	19.2	15.1	15.1	-
372	Aircraft and parts	640.1	637.4	602.1	599.3	-	337.8	334.9	302.0	299.3	-
3721	Aircraft	341.1	339.2	317.9	316.6	-	164.7	162.4	141.7	140.9	-
3724	Aircraft engines and engine parts	159.3	155.1	150.1	149.4	-	91.3	91.3	84.3	83.2	-
3728	Aircraft equipment, nec	139.7	135.1	134.1	133.3	-	81.8	81.2	76.0	75.2	-
373	Ship and boat building and repairing	223.8	225.6	203.1	198.5	-	170.1	173.1	154.9	150.4	-
3731	Ship building and repairing	179.8	182.8	167.4	163.8	-	133.6	137.6	126.0	122.3	-
3732	Boat building and repairing	44.0	42.8	35.7	34.7	-	36.5	35.5	28.9	28.1	-
374	Railroad equipment	50.8	48.9	35.3	33.3	-	34.0	32.2	21.9	20.5	-
376	Guided missiles, space vehicles, parts	124.5	124.5	128.6	128.7	-	37.0	37.4	39.7	40.4	-
3761	Guided missiles and space vehicles	97.6	97.8	101.7	101.8	-	26.9	27.3	30.0	30.6	-

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry – Continued

(In thousands)

1972 SIC Code	Industry	All employees					Production workers[1]				
		Oct. 1981	Nov. 1981	Sept. 1982	Oct. 1982P	Nov. 1982P	Oct. 1981	Nov. 1981	Sept. 1982	Oct. 1982P	Nov. 1982P
	TRANSPORTATION EQUIPMENT—Continued										
379	Miscellaneous transportation equipment	38.0	38.0	39.8	40.1	-	24.4	24.7	27.2	27.6	-
3792	Travel trailers and campers	17.2	16.4	16.8	16.6	-	13.3	12.6	12.9	12.6	-
38	**INSTRUMENTS AND RELATED PRODUCTS**	729.6	727.6	699.8	691.4	689.0	426.7	424.8	398.6	390.1	389.7
381	Engineering and scientific instruments	78.5	78.4	74.2	73.9	-	37.6	37.4	34.0	33.9	-
382	Measuring and controlling devices	259.9	257.9	241.0	236.7	-	161.9	160.3	144.9	141.3	-
3822	Environmental controls	47.6	45.6	41.5	40.4	-	31.4	29.7	27.1	26.1	-
3823	Process control instruments	62.1	62.2	55.3	55.1	-	32.5	32.4	27.6	27.4	-
3825	Instruments to measure electricity	104.3	104.2	102.9	101.8	-	66.1	66.4	62.4	61.3	-
383	Optical instruments and lenses	33.1	33.1	32.1	32.1	-	18.6	18.5	17.3	17.6	-
384	Medical instruments and supplies	161.3	162.0	160.3	155.4	-	100.5	100.9	97.7	97.1	-
3841	Surgical and medical instruments	76.1	76.5	78.3	77.7	-	45.6	45.6	45.0	44.5	-
3842	Surgical appliances and supplies	69.1	69.3	67.1	67.0	-	45.0	45.1	43.8	43.4	-
385	Ophthalmic goods	39.1	38.4	35.4	34.1	-	27.5	27.3	24.1	23.2	-
386	Photographic equipment and supplies	137.3	138.3	138.1	136.8	-	65.6	66.3	67.3	64.3	-
387	Watches, clocks, and watchcases	20.4	19.5	18.7	18.4	-	15.0	14.1	13.3	12.7	-
39	**MISCELLANEOUS MANUFACTURING INDUSTRIES**	425.0	421.5	391.9	389.3	388.0	316.0	313.2	288.9	282.4	277.4
391	Jewelry, silverware, and plated ware	60.3	60.8	59.6	61.2	-	43.4	43.7	42.2	43.7	-
3911	Jewelry, precious metal	39.5	40.3	38.3	39.4	-	28.0	28.6	27.1	28.0	-
393	Musical instruments	21.7	21.2	19.1	19.2	-	17.4	17.1	15.1	15.1	-
394	Toys and sporting goods	123.8	120.8	109.0	105.4	-	94.7	92.4	80.7	77.7	-
3942, 4	Dolls, games, toys, and children's vehicles	65.9	62.6	56.2	53.6	-	49.5	46.7	40.4	39.4	-
3949	Sporting and athletic goods, nec	57.9	58.2	52.8	51.8	-	45.2	45.7	40.3	39.3	-
395	Pens, pencils, office and art supplies	37.7	37.3	33.8	32.9	-	26.8	26.6	23.2	22.3	-
396	Costume jewelry and notions	47.0	47.4	41.6	42.7	-	36.1	36.4	32.2	33.1	-
3961	Costume jewelry	24.9	25.7	22.9	23.4	-	19.4	20.1	18.2	18.6	-
399	Miscellaneous manufactures	134.5	134.0	128.8	127.9	-	97.6	97.0	91.5	90.5	-
3993	Signs and advertising displays	47.3	47.4	46.0	45.3	-	34.3	34.3	32.6	32.0	-
	NONDURABLE GOODS										
20	**FOOD AND KINDRED PRODUCTS**	1,719.4	1,680.8	1,732.9	1,702.5	1,656.1	1,197.6	1,161.1	1,215.7	1,186.5	1,140.6
201	Meat products	353.9	354.9	343.1	340.3	-	296.0	297.5	286.4	283.6	-
2011	Meat packing plants	154.2	153.8	144.5	142.3	-	126.7	126.8	118.5	116.3	-
2013	Sausages and other prepared meats	69.7	70.2	69.3	68.0	-	52.0	52.5	51.3	49.7	-
2016	Poultry dressing plants	116.1	116.6	115.7	116.6	-	105.3	105.9	104.6	105.7	-
202	Dairy products	168.4	167.2	168.5	166.2	-	93.0	91.8	95.0	92.6	-
2022	Cheese, natural and processed	34.7	34.5	34.9	34.7	-	26.5	26.1	26.6	26.4	-
2026	Fluid milk	55.6	54.9	53.4	52.9	-	42.8	42.2	42.4	41.8	-
203	Preserved fruits and vegetables	266.1	235.7	307.1	271.5	-	224.2	195.4	264.7	229.5	-
2032	Canned specialties	26.3	25.7	27.7	26.9	-	20.2	19.4	20.9	20.2	-
2033	Canned fruits and vegetables	103.3	80.1	140.5	103.9	-	88.2	65.8	123.8	88.3	-
2037	Frozen fruits and vegetables	55.0	51.6	60.0	55.3	-	48.0	45.4	53.8	52.0	-
204	Grain mill products	140.8	139.2	137.1	137.7	-	97.2	95.7	93.2	93.8	-
2041	Flour and other grain mill products	26.5	26.4	26.7	26.6	-	16.2	16.1	16.4	16.7	-
2048	Prepared feeds, nec	53.6	53.4	52.0	52.4	-	35.0	34.6	33.1	33.6	-
205	Bakery products	219.5	219.5	218.5	218.0	-	128.1	128.2	128.6	128.3	-
2051	Bread, cake, and related products	176.8	176.6	176.0	175.3	-	93.8	94.0	94.3	93.8	-
2052	Cookies and crackers	42.7	42.9	42.5	42.7	-	34.3	34.2	34.3	34.5	-
206	Sugar and confectionery products	122.9	120.2	108.7	121.8	-	97.2	94.9	84.6	96.8	-
2061-3	Cane and beet sugar	40.8	37.7	29.2	38.8	-	32.4	29.5	22.1	31.0	-
2065	Confectionery products	62.1	62.6	58.1	61.6	-	51.2	51.9	47.7	50.9	-
207	Fats and oils	44.2	45.1	42.2	43.8	-	33.3	34.1	31.5	33.2	-
208	Beverages	233.8	233.3	235.4	232.9	-	101.2	100.1	101.9	100.5	-
2082	Malt beverages	48.7	48.7	47.7	46.4	-	30.8	30.7	30.4	29.5	-
2086	Bottled and canned soft drinks	137.1	137.3	140.6	138.9	-	44.4	44.4	46.0	44.8	-
209	Misc. foods and kindred products	169.8	165.7	172.3	170.3	-	127.4	123.4	129.8	128.2	-
21	**TOBACCO MANUFACTURES**	75.0	73.1	68.3	67.9	64.4	59.6	57.8	54.1	53.7	49.8
211	Cigarettes	46.6	47.4	44.3	44.3	-	35.3	36.2	33.7	33.6	-
22	**TEXTILE MILL PRODUCTS**	816.4	809.1	739.9	737.2	729.8	706.0	697.6	634.7	633.0	626.3
221	Weaving mills, cotton	139.0	139.5	120.1	121.1	-	123.6	124.1	105.6	106.8	-
222	Weaving mills, synthetics	108.5	105.3	95.2	94.0	-	97.1	97.7	84.8	83.7	-
223	Weaving and finishing mills, wool	18.5	18.4	15.8	15.6	-	15.5	15.3	13.1	13.0	-
224	Narrow fabric mills	24.1	23.8	22.2	22.2	-	21.3	20.8	19.2	19.1	-
225	Knitting mills	217.4	212.9	206.4	205.7	-	187.9	183.5	178.6	177.6	-
2251	Women's hosiery, except socks	31.9	32.0	31.1	30.8	-	28.6	28.6	27.9	27.6	-
2252	Hosiery, nec	33.2	32.6	31.3	31.1	-	30.2	29.7	28.3	28.2	-
2253	Knit outerwear mills	73.9	72.9	71.7	72.7	-	62.6	61.8	61.8	62.7	-
2254	Knit underwear mills	29.6	29.4	28.2	27.9	-	25.6	25.2	23.8	23.4	-

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry – Continued

(In thousands)

1972 SIC Code	Industry	All employees					Production workers[1]				
		Oct. 1981	Nov. 1981	Sept. 1982	Oct. 1982[p]	Nov. 1982[p]	Oct. 1981	Nov. 1981	Sept. 1982	Oct. 1982[p]	Nov. 1982[p]
	TEXTILE MILL PRODUCTS—Continued										
2257	Circular knit fabric mills	27.9	25.8	24.8	24.6	-	23.5	21.6	20.7	20.5	-
226	Textile finishing, except wool	70.6	70.1	68.0	64.1	-	59.0	58.2	52.6	52.9	-
2261	Finishing plants, cotton	29.8	29.7	26.6	27.2	-	24.6	24.2	21.6	22.4	-
2262	Finishing plants, synthetics	26.8	26.7	23.7	23.5	-	22.4	22.3	19.6	19.3	-
227	Floor covering mills	52.5	51.7	47.3	47.2	-	42.1	41.1	37.1	37.1	-
228	Yarn and thread mills	119.7	118.7	110.1	109.7	-	107.5	106.3	97.9	97.9	-
2281	Yarn mills, except wool	80.5	80.1	75.9	76.6	-	73.4	72.7	68.6	69.2	-
2282	Throwing and winding mills	19.9	19.7	18.0	17.7	-	17.6	17.4	15.8	15.5	-
229	Miscellaneous textile goods	66.1	64.7	58.8	57.6	-	52.0	50.6	45.8	45.0	-
23	**APPAREL AND OTHER TEXTILE PRODUCTS**	1,257.9	1,243.5	1,160.0	1,157.4	1,142.4	1,071.1	1,057.2	982.2	977.2	963.7
231	Men's and boys' suits and coats	77.7	78.6	78.2	72.2	-	67.8	68.3	65.0	61.0	-
232	Men's and boys' furnishings	351.3	349.4	325.0	324.5	-	299.8	297.9	275.9	275.7	-
2321	Men's and boys' shirts and nightwear	99.4	97.8	90.6	90.5	-	85.7	84.0	77.4	77.1	-
2327	Men's and boys' separate trousers	71.2	72.4	66.3	66.4	-	62.1	63.0	57.6	57.5	-
2328	Men's and boys' work clothing	100.3	100.0	95.0	95.6	-	82.8	83.0	79.0	79.0	-
233	Women's and misses' outerwear	409.5	401.8	374.9	376.4	-	352.1	345.4	320.1	320.4	-
2331	Women's and misses' blouses and waists	62.9	62.3	59.6	60.2	-	54.7	54.2	51.3	51.7	-
2335	Women's and misses' dresses	136.1	133.2	126.8	126.0	-	119.7	117.3	110.1	108.7	-
2337	Women's and misses' suits and coats	62.8	59.2	55.8	56.1	-	53.7	50.3	47.7	47.8	-
2339	Women's and misses' outerwear, nec	147.7	147.1	132.9	134.1	-	124.0	123.6	111.0	112.4	-
234	Women's and children's undergarments	93.2	92.3	85.9	86.0	-	79.5	78.8	72.8	72.6	-
2341	Women's and children's underwear	74.7	73.9	71.0	70.9	-	65.1	64.5	61.6	61.2	-
2342	Brassieres and allied garments	18.5	18.4	14.9	15.1	-	14.4	14.3	11.2	11.4	-
236	Children's outerwear	63.9	63.9	58.6	59.3	-	53.8	54.2	49.6	50.3	-
2361	Children's dresses and blouses	27.5	27.6	25.5	26.0	-	24.3	24.6	22.8	23.2	-
238	Misc. apparel and accessories	58.8	57.2	52.1	51.8	-	49.9	48.2	43.7	43.2	-
239	Misc. fabricated textile products	180.5	177.5	167.7	165.7	-	148.3	144.9	137.2	134.6	-
2391	Curtains and draperies	28.5	28.1	25.8	25.5	-	23.8	23.5	21.0	20.6	-
2392	House furnishings, nec	51.6	51.6	47.9	48.7	-	42.4	42.6	40.0	40.5	-
2396	Automotive and apparel trimmings	31.0	26.9	28.2	26.2	-	25.8	23.4	23.1	21.0	-
26	**PAPER AND ALLIED PRODUCTS**	686.4	681.1	659.0	649.8	650.7	516.0	511.9	494.0	484.2	485.5
261, 2[6]	Paper and pulp mills	201.4	201.6	195.2	192.7	-	151.2	151.6	147.6	144.7	-
262	Paper mills, except building paper	173.7	173.9	169.1	166.8	-	129.1	129.4	126.5	124.0	-
263	Paperboard mills	62.7	61.6	60.2	57.2	-	49.3	48.5	46.8	43.3	-
264	Misc. converted paper products	220.4	217.9	212.3	209.7	-	161.4	159.3	154.1	151.4	-
2641	Paper coating and glazing	55.7	56.2	54.9	54.4	-	35.7	36.0	34.8	34.3	-
2642	Envelopes	25.4	25.5	24.7	24.5	-	19.8	19.9	19.0	18.8	-
2643	Bags, except textile bags	50.4	50.4	48.6	48.9	-	39.2	39.2	37.9	38.1	-
265	Paperboard containers and boxes	201.9	200.0	191.3	190.2	-	154.1	152.5	145.5	144.1	-
2651	Folding paperboard boxes	43.2	43.1	42.1	41.7	-	33.6	33.4	32.8	32.6	-
2653	Corrugated and solid fiber boxes	103.6	102.3	97.4	97.4	-	76.4	75.4	72.0	71.6	-
2654	Sanitary food containers	24.6	24.2	24.0	23.6	-	19.9	19.5	19.2	19.8	-
27	**PRINTING AND PUBLISHING**	1,274.5	1,279.4	1,265.4	1,267.7	1,269.7	700.5	703.0	693.5	694.4	694.7
271	Newspapers	425.4	426.9	423.3	424.2	-	162.5	163.0	160.6	161.9	-
272	Periodicals	98.1	99.3	100.3	101.0	-	19.8	20.1	21.7	21.3	-
273	Books	97.2	98.6	98.9	98.1	-	47.7	49.2	47.0	46.3	-
2731	Book publishing	69.0	69.8	67.3	67.1	-	24.9	25.8	24.9	24.8	-
2732	Book printing	28.2	28.8	27.6	27.0	-	22.8	23.4	22.1	21.5	-
274	Miscellaneous publishing	47.7	48.3	48.2	48.5	-	24.9	25.7	24.8	25.5	-
275	Commercial printing	422.1	422.9	416.1	418.0	-	310.1	311.0	305.7	306.8	-
2751	Commercial printing, letterpress	157.0	156.6	151.3	151.6	-	115.9	115.8	112.6	112.6	-
2752	Commercial printing, lithographic	242.4	243.3	242.5	244.2	-	176.3	177.2	175.4	176.5	-
276	Manifold business forms	49.5	49.6	48.8	49.0	-	34.5	34.7	34.3	34.2	-
278	Blankbooks and bookbinding	63.3	62.7	62.6	61.7	-	51.7	50.7	50.9	50.1	-
279	Printing trade services	45.0	45.2	45.0	45.6	-	33.1	33.2	33.2	34.0	-
28	**CHEMICALS AND ALLIED PRODUCTS**	1,104.4	1,100.1	1,066.0	1,056.0	1,058.9	623.3	617.8	592.7	585.1	589.0
281	Industrial inorganic chemicals	158.6	159.3	151.5	150.2	-	86.4	86.7	80.3	79.0	-
2819	Industrial inorganic chemicals, nec	104.1	104.3	99.9	99.1	-	56.5	56.7	53.5	52.5	-
282	Plastics materials and synthetics	192.6	189.4	179.7	178.6	-	126.3	123.1	116.1	115.4	-
2821	Plastics materials and resins	78.1	76.3	73.0	73.2	-	45.9	44.4	42.6	42.5	-
2824	Organic fibers, noncellulosic	81.7	81.4	75.8	74.9	-	57.2	57.0	52.8	52.4	-
283	Drugs	200.3	199.9	199.0	195.4	-	99.9	99.4	96.9	96.6	-
2834	Pharmaceutical preparations	158.3	157.9	156.7	157.2	-	77.5	76.9	74.9	74.7	-
284	Soap, cleaners, and toilet goods	146.6	146.6	148.3	144.9	-	92.5	91.9	94.2	91.2	-
2841	Soap and other detergents	44.1	44.3	45.3	45.2	-	29.2	29.0	29.7	29.5	-
2844	Toilet preparations	63.2	63.4	63.5	60.8	-	42.1	42.0	43.1	40.5	-
2842, 3	Polishing, sanitation, and finishing preparations	39.3	38.9	39.5	38.9	-	21.2	20.9	21.4	21.2	-
285	Paints and allied products	63.1	61.1	59.7	58.9	-	30.9	29.6	29.0	28.3	-
286	Industrial organic chemicals	179.2	179.3	172.5	171.6	-	89.8	89.8	86.9	86.2	-

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry—Continued

(In thousands)

1972 SIC Code	Industry	All employees					Production workers[1]				
		Oct. 1981	Nov. 1981	Sept. 1982	Oct. 1982P	Nov. 1982P	Oct. 1981	Nov. 1981	Sept. 1982	Oct. 1982P	Nov. 1982P
	CHEMICALS AND ALLIED PRODUCTS—Cont'd										
2865	Cyclic crudes and intermediates	37.8	37.5	35.2	34.7	-	23.4	23.2	21.6	21.4	-
2861,9	Gum, wood, and industrial organic chemicals, nec	141.4	141.8	137.3	136.9	-	66.4	66.6	65.3	64.8	-
287	Agricultural chemicals	69.7	70.2	64.2	64.1	-	43.3	43.5	38.2	38.1	-
289	Miscellaneous chemical products	94.3	94.3	91.1	90.3	-	54.2	53.8	51.1	50.3	-
29	**PETROLEUM AND COAL PRODUCTS**	216.8	215.9	211.4	209.4	206.3	134.5	133.0	128.0	127.0	125.5
291	Petroleum refining	175.0	175.3	170.4	168.9	-	104.7	104.3	98.7	98.1	-
295	Paving and roofing materials	29.6	28.5	29.3	28.8	-	22.4	21.3	22.3	21.8	-
30	**RUBBER AND MISC. PLASTICS PRODUCTS**	740.0	730.5	700.8	689.1	681.0	572.1	562.3	538.8	527.8	521.6
301	Tires and inner tubes	106.6	106.7	101.2	95.6	-	73.9	74.1	72.4	71.4	-
302	Rubber and plastics footwear	20.5	22.6	21.1	21.5	-	17.9	19.9	18.3	18.3	-
303,4	Reclaimed rubber, and rubber and plastics hose and belting	24.0	23.2	19.9	19.4	-	17.0	16.3	13.7	13.4	-
306	Fabricated rubber products, nec	105.7	103.4	95.3	92.8	-	82.5	80.0	72.6	70.4	-
307	Miscellaneous plastics products	483.2	474.6	463.3	455.8	-	380.8	372.0	361.8	354.3	-
31	**LEATHER AND LEATHER PRODUCTS**	235.8	232.4	209.4	207.1	206.0	200.8	197.5	175.5	173.1	172.1
311	Leather tanning and finishing	21.1	19.8	18.2	17.9	-	17.8	16.5	15.0	14.7	-
314	Footwear, except rubber	142.5	140.9	129.3	127.6	-	123.4	122.0	110.5	109.7	-
3143	Men's footwear, except athletic	58.3	58.1	50.3	49.8	-	50.2	50.0	41.4	40.8	-
3144	Women's footwear, except athletic	51.4	50.5	49.0	48.2	-	44.4	43.8	43.2	42.3	-
316	Luggage	14.3	14.4	12.4	12.4	-	11.1	11.3	9.0	9.0	-
317	Handbags and personal leather goods	31.9	31.2	26.8	26.4	-	26.2	25.5	21.9	21.6	-
-	**TRANSPORTATION AND PUBLIC UTILITIES**	5,208	5,188	5,076	5,059	5,044	4,318	4,296	4,197	4,172	4,167
40	**RAILROAD TRANSPORTATION**	493.2	483.1	425.2	418.0	-	-	-	-	-	-
4011	Class I railroads[2]	454.1	445.6	391.6	385.9	-	-	-	-	-	-
41	**LOCAL AND INTERURBAN PASSENGER TRANSIT**	289.8	287.3	294.3	294.9	-	269.7	267.5	275.6	275.9	-
411	Local and suburban transportation	82.8	82.0	85.4	85.2	-	75.3	74.7	78.8	78.4	-
412	Taxicabs	46.3	46.5	43.5	43.5	-	-	-	-	-	-
413	Intercity highway transportation	37.7	36.9	38.5	36.5	-	34.5	33.8	35.7	33.6	-
415	School buses	103.9	103.5	108.3	110.0	-	-	-	-	-	-
42	**TRUCKING AND WAREHOUSING**	1,268.0	1,266.0	1,219.1	1,219.8	-	1,106.2	1,104.3	1,060.6	1,060.5	-
421,3	Trucking and trucking terminals	1,175.5	1,172.4	1,133.7	1,128.6	-	1,027.6	1,024.7	988.9	983.1	-
422	Public warehousing	92.5	93.6	85.4	91.2	-	78.6	79.6	71.7	77.4	-
44	**WATER TRANSPORTATION**	214.5	212.9	193.9	187.6	-	-	-	-	-	-
45	**TRANSPORTATION BY AIR**	451.3	447.6	443.0	440.7	-	-	-	-	-	-
451,2	Air transportation	399.9	396.7	391.1	389.8	-	-	-	-	-	-
46	**PIPE LINES, EXCEPT NATURAL GAS**	22.0	22.1	22.3	22.2	-	15.2	15.2	15.4	15.4	-
47	**TRANSPORTATION SERVICES**	219.5	217.5	223.3	223.7	-	-	-	-	-	-
48	**COMMUNICATION**	1,393.8	1,394.7	1,382.8	1,377.9	-	1,039.3	1,040.2	1,049.6	1,044.6	-
481	Telephone communication	1,078.9	1,078.8	1,052.1	1,045.7	-	781.5	780.7	776.4	770.1	-
483	Radio and television broadcasting	209.5	210.9	218.2	218.1	-	170.0	171.4	178.1	178.0	-
49	**ELECTRIC, GAS, AND SANITARY SERVICES**	855.7	856.3	872.1	865.5	-	699.8	700.5	703.4	699.4	-
491	Electric services	406.7	407.1	417.3	417.9	-	328.5	328.9	330.9	330.8	-
492	Gas production and distribution	174.7	175.1	179.4	178.2	-	141.7	141.7	143.9	142.6	-
493	Combination utility services	199.5	199.5	197.8	197.0	-	165.0	165.4	162.0	160.7	-
495	Sanitary services	51.5	51.3	54.2	53.3	-	45.4	45.3	47.5	46.7	-
-	**WHOLESALE AND RETAIL TRADE**	20,731	20,883	20,573	20,519	20,636	18,138	18,280	17,961	17,918	18,026
50,51	**WHOLESALE TRADE**	5,400	5,398	5,277	5,272	5,253	4,392	4,387	4,257	4,253	4,236
50	**WHOLESALE TRADE - DURABLE GOODS**	3,194	3,193	3,098	3,086	-	2,588	2,585	2,481	2,468	-
501	Motor vehicles and automotive equipment	414.8	412.1	412.6	412.5	-	335.3	332.8	331.9	331.9	-
502	Furniture and home furnishing	118.9	120.5	117.3	116.4	-	97.2	98.9	96.5	97.7	-
503	Lumber and construction materials	188.4	187.7	182.9	182.6	-	155.0	154.6	149.2	148.9	-
504	Sporting goods, toys, and hobby goods	71.8	72.0	72.3	72.4	-	57.4	57.6	58.4	58.4	-
505	Metals and minerals, except petroleum	152.4	151.4	134.5	133.1	-	122.4	121.4	106.0	104.7	-
506	Electrical goods	436.7	439.7	432.6	430.8	-	351.2	354.8	345.9	343.1	-
507	Hardware, plumbing, and heating equipment	243.4	242.6	236.0	236.6	-	198.0	197.3	190.0	190.7	-

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry—Continued

[In thousands]

1972 SIC Code	Industry	All employees					Production workers[1]				
		Oct. 1981	Nov. 1981	Sept. 1982	Oct. 1982P	Nov. 1982P	Oct. 1981	Nov. 1981	Sept. 1982	Oct. 1982P	Nov. 1982P
	WHOLESALE TRADE DURABLE GOODS—Continued										
506	Machinery, equipment, and supplies	1,363.3	1,366.0	1,334.4	1,326.0	-	1,099.1	1,098.0	1,058.6	1,049.8	-
509	Miscellaneous durable goods	204.0	200.9	175.3	173.9	-	171.9	169.2	144.6	141.2	-
51	WHOLESALE TRADE NONDURABLE GOODS	2,206	2,205	2,179	2,186	-	1,804	1,802	1,776	1,780	-
511	Paper and paper products	155.7	157.0	156.0	158.2	-	125.7	126.8	127.2	127.3	-
512	Drugs, proprietaries, and sundries	151.4	152.0	153.9	154.7	-	126.0	126.6	128.9	129.4	-
513	Apparel, piece goods, and notions	169.3	169.9	169.8	171.2	-	133.1	133.8	132.5	134.0	-
514	Groceries and related products	667.2	666.0	653.0	650.6	-	573.7	572.7	560.8	558.2	-
516	Chemicals and allied products	133.5	134.1	136.2	135.9	-	96.2	95.8	96.4	96.1	-
517	Petroleum and petroleum products	233.2	232.5	229.2	227.4	-	175.5	174.8	171.3	170.3	-
518	Beer, wine, and distilled beverages	141.1	142.9	145.6	145.0	-	118.1	119.4	121.2	120.6	-
519	Miscellaneous nondurable goods	395.5	397.6	396.8	398.0	-	323.9	322.9	323.8	325.1	-
52-59	RETAIL TRADE	15,331	15,485	15,296	15,247	15,383	13,746	13,893	13,703	13,665	13,799
52	BUILDING MATERIALS AND GARDEN SUPPLIES	607.6	599.5	590.7	593.0	-	511.7	506.7	497.2	499.5	-
521	Lumber and other building materials	317.6	312.4	309.7	309.5	-	268.7	263.6	261.4	261.1	-
525	Hardware stores	145.6	145.4	145.7	147.0	-	127.3	127.4	124.7	125.5	-
53	GENERAL MERCHANDISE STORES	2,262.2	2,356.1	2,201.0	2,238.3	-	2,061.6	2,157.3	2,048.3	2,077.1	-
531	Department stores	1,900.9	1,983.9	1,854.0	1,882.7	-	1,735.9	1,820.6	1,729.7	1,757.7	-
533	Variety stores	232.3	237.2	220.8	222.9	-	215.5	220.5	203.9	205.1	-
539	Misc. general merchandise stores	129.0	135.0	132.2	132.7	-	110.2	116.2	114.7	114.6	-
54	FOOD STORES	2,447.3	2,474.1	2,475.5	2,477.6	-	2,274.9	2,295.2	2,295.8	2,298.9	-
541	Grocery stores	2,148.0	2,166.8	2,175.4	2,178.1	-	2,003.0	2,017.7	2,024.2	2,028.5	-
542	Meat markets and freezer provisioners	54.8	55.9	55.6	54.8	-	-	-	-	-	-
546	Retail bakeries	127.9	128.6	127.6	129.0	-	117.9	118.5	117.2	119.3	-
55	AUTOMOTIVE DEALERS AND SERVICE STATIONS	1,652.9	1,642.9	1,643.7	1,636.4	-	1,402.0	1,391.5	1,384.4	1,376.0	-
551,2	New and used car dealers	747.5	740.8	736.2	734.9	-	611.5	605.2	603.4	602.3	-
553	Auto and home supply stores	272.1	272.0	276.7	275.5	-	236.9	235.5	237.9	237.9	-
554	Gasoline service stations	556.5	555.6	550.3	546.2	-	487.7	487.7	478.8	473.1	-
56	APPAREL AND ACCESSORY STORES	966.4	998.3	956.7	960.6	-	826.2	856.9	810.0	814.8	-
561	Men's and boys' clothing and furnishings	126.0	131.3	123.7	124.9	-	108.9	112.3	104.3	105.9	-
562	Women's ready-to-wear stores	351.3	363.3	344.7	346.6	-	304.7	315.9	295.7	297.9	-
565	Family clothing stores	177.7	187.0	176.5	176.6	-	155.5	164.5	153.6	153.6	-
566	Shoe stores	203.6	207.7	209.5	207.4	-	166.5	170.6	169.2	167.3	-
57	FURNITURE AND HOME FURNISHINGS STORES	603.8	609.9	586.5	589.9	-	498.9	505.6	483.4	486.5	-
571	Furniture and home furnishings stores	373.6	374.7	360.3	362.0	-	309.6	310.7	297.2	298.7	-
572	Household appliance stores	80.6	82.6	76.8	79.1	-	68.5	70.1	67.1	69.2	-
573	Radio, television, and music stores	149.4	152.6	147.4	148.8	-	120.8	124.8	119.1	120.6	-
58	EATING AND DRINKING PLACES	4,792.0	4,758.1	4,668.4	4,768.1	-	4,420.5	4,384.2	4,474.9	4,382.6	-
59	MISCELLANEOUS RETAIL	1,998.3	2,046.5	1,967.2	1,985.2	-	1,749.9	1,797.3	1,710.1	1,723.9	-
591	Drug stores and proprietary stores	503.6	509.4	493.8	492.9	-	454.1	460.6	441.1	440.9	-
592	Liquor stores	136.6	138.0	134.5	135.0	-	-	-	-	-	-
594	Miscellaneous shopping goods stores	634.9	655.2	641.6	645.1	-	547.2	571.2	548.0	555.7	-
596	Nonstore retailers	286.7	299.2	275.1	280.5	-	266.1	278.5	254.7	261.2	-
598	Fuel and ice dealers	103.8	105.0	100.2	102.6	-	86.5	87.8	82.5	85.0	-
599	Retail stores, nec	269.8	273.2	259.6	261.6	-	226.9	228.9	217.3	219.1	-
	FINANCE, INSURANCE, AND REAL ESTATE[2]	5,314	5,308	5,367	5,347	5,348	4,010	3,999	4,018	3,993	3,988
60	BANKING	1,633.0	1,638.9	1,687.2	1,692.4	-	1,285.9	1,288.2	1,332.2	1,328.9	-
602	Commercial and stock savings banks	1,487.9	1,493.5	1,501.4	1,496.1	-	1,129.2	1,131.5	1,116.0	1,111.6	-
61	CREDIT AGENCIES OTHER THAN BANKS	582.4	581.6	585.8	587.0	-	441.7	441.1	441.7	442.5	-
612	Savings and loan associations	265.1	267.0	274.5	276.2	-	200.8	202.5	209.2	210.7	-
614	Personal credit institutions	200.4	198.6	192.5	192.0	-	154.9	153.9	146.9	145.8	-
62	SECURITY, COMMODITY BROKERS, AND SERVICES	268.2	270.5	278.3	280.5	-	-	-	-	-	-
621	Security brokers and dealers	221.8	223.6	231.9	234.2	-	-	-	-	-	-
63	INSURANCE CARRIERS	1,227.2	1,226.5	1,220.7	1,220.0	-	886.0	886.3	831.8	830.5	-
631	Life insurance	538.2	538.6	539.5	538.7	-	334.2	334.7	331.1	330.5	-

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry — Continued

[In thousands]

1972 SIC Code	Industry	All employees					Production workers[1]				
		Oct. 1981	Nov. 1981	Sept. 1982	Oct. 1982p	Nov. 1982p	Oct. 1981	Nov. 1981	Sept. 1982	Oct. 1982p	Nov. 1982p
	INSURANCE CARRIERS—Continued	141.6	141.4	140.7	141.6	-	111.9	112.0	111.8	112.7	-
632	Medical service and health insurance	473.8	474.0	468.9	468.0	-	342.5	341.4	333.9	332.9	-
633	Fire, marine, and casualty insurance										
64	INSURANCE AGENTS, BROKERS, AND SERVICE	469.0	470.1	476.0	477.3	-	-	-	-	-	-
65	REAL ESTATE	992.1	979.2	1,008.5	985.2	-	-	-	-	-	-
651	Real estate operators and lessors	471.0	466.8	490.2	481.1	-	-	-	-	-	-
653	Real estate agents and managers	373.9	370.6	376.8	376.6	-	-	-	-	-	-
655	Subdividers and developers	127.6	122.8	123.7	120.4	-	-	-	-	-	-
66	COMBINED REAL ESTATE, INSURANCE, ETC	19.2	19.2	19.1	19.0	-	-	-	-	-	-
67	HOLDING AND OTHER INVESTMENT OFFICES	122.4	122.2	131.4	131.4	-	-	-	-	-	-
	SERVICES	18,624	18,800	19,122	19,144	19,198	16,748	16,717	16,954	16,975	16,935
70	HOTELS AND OTHER LODGING PLACES	1,106.2	1,073.8	1,119.0	1,071.7	-	-	-	-	-	-
701	Hotels, motels, and tourist courts	1,072.8	1,042.9	1,075.3	1,036.3	-	980.9	951.8	982.9	950.6	-
72	PERSONAL SERVICES	907.1	908.7	917.4	922.1	-	-	-	-	-	-
721	Laundry, cleaning, and garment services	352.6	354.3	348.7	350.1	-	315.2	316.7	310.6	311.8	-
723	Beauty shops	280.4	286.6	297.7	297.7	-	264.6	263.9	274.8	275.3	-
726	Funeral service and crematories	71.1	70.9	74.7	74.1	-	-	-	-	-	-
73	BUSINESS SERVICES	3,337.6	3,329.3	3,322.8	3,311.4	-	2,918.0	2,913.9	2,895.2	2,895.7	-
731	Advertising	155.3	156.0	159.5	158.6	-	119.4	120.8	122.2	121.5	-
732	Credit reporting and collection	75.8	75.6	75.8	76.1	-	-	-	-	-	-
733	Mailing, reproduction, stenography	133.6	134.0	131.5	133.0	-	-	-	-	-	-
734	Services to buildings	522.6	522.2	537.9	537.0	-	474.7	475.0	489.3	488.9	-
736	Personnel supply services	625.1	603.8	565.2	556.8	-	-	-	-	-	-
737	Computer and data processing services	345.1	348.4	356.9	355.8	-	282.1	285.5	292.2	294.9	-
75	AUTO REPAIR, SERVICES, AND GARAGES	575.6	576.2	582.8	581.1	-	491.6	492.3	491.7	491.3	-
753	Automotive repair shops	356.3	356.8	363.7	362.9	-	301.5	301.0	303.5	303.4	-
76	MISCELLANEOUS REPAIR SERVICES	301.5	299.9	292.4	292.9	-	255.0	253.5	246.2	247.1	-
78	MOTION PICTURES	217.1	217.0	214.8	206.8	-	187.4	185.7	184.6	176.7	-
781	Motion picture production and services	85.2	85.7	87.2	78.6	-	69.7	72.7	62.1	61.2	-
783	Motion picture theaters	121.0	116.2	127.2	117.7	-	-	-	-	-	-
79	AMUSEMENT AND RECREATION SERVICES	750.7	725.6	857.8	805.2	-	676.7	651.3	814.0	722.9	-
80	HEALTH SERVICES	5,635.9	5,654.2	5,822.0	5,835.2	-	5,046.3	5,058.9	5,215.8	5,222.7	-
801	Offices of physicians	797.3	798.1	827.7	831.3	-	656.3	653.7	676.3	680.1	-
802	Offices of dentists	367.1	371.6	387.8	391.2	-	324.5	329.5	343.9	346.1	-
805	Nursing and personal care facilities	1,040.6	1,044.0	1,076.4	1,076.1	-	942.1	944.1	974.8	975.5	-
806	Hospitals	2,945.4	2,952.3	3,022.3	3,023.4	-	2,702.1	2,707.8	2,775.3	2,773.8	-
81	LEGAL SERVICES	541.2	545.3	571.0	574.0	-	460.4	462.3	482.2	483.1	-
82	EDUCATIONAL SERVICES	1,264.1	1,282.9	1,135.8	1,274.1	-	-	-	-	-	-
821	Elementary and secondary schools	312.3	316.8	301.1	314.8	-	-	-	-	-	-
822	Colleges and universities	830.2	843.2	714.3	828.2	-	-	-	-	-	-
83	SOCIAL SERVICES	1,148.8	1,155.2	1,165.3	1,158.2	-	-	-	-	-	-
86	MEMBERSHIP ORGANIZATIONS	1,526.5	1,531.1	1,529.2	1,538.9	-	-	-	-	-	-
89	MISCELLANEOUS SERVICES	1,048.8	1,048.2	1,053.1	1,054.8	-	868.5	868.0	856.5	857.3	-
891	Engineering and architectural services	572.6	572.2	566.0	562.9	-	479.0	478.5	463.9	461.0	-
893	Accounting, auditing, and bookkeeping	336.0	335.7	351.7	354.2	-	271.8	271.9	279.3	282.7	-
	GOVERNMENT	16,000	16,137	15,394	15,830	15,969	-	-	-	-	-
-	FEDERAL GOVERNMENT[2]	2,737	2,729	2,704	2,704	2,707	-	-	-	-	-
-	Executive, by agency[3]	2,683.3	2,675.6	(*)	(*)	-	-	-	-	-	-
-	Department of Defense	914.8	921.6	(*)	(*)	-	-	-	-	-	-
-	Postal Service	665.0	663.2	(*)	(*)	-	-	-	-	-	-
-	Other executive agencies	1,103.5	1,090.8	(*)	(*)	-	-	-	-	-	-
-	Legislative	38.4	38.5	(*)	(*)	-	-	-	-	-	-
-	Judicial	15.3	15.2	(*)	(*)	-	-	-	-	-	-

See footnotes at end of table.

B-2. Employees on nonagricultural payrolls by industry — Continued

[In thousands]

1972 SIC Code	Industry	All employees					Production workers[1]				
		Oct. 1981	Nov. 1981	Sept. 1982	Oct. 1982[p]	Nov. 1982[p]	Oct. 1981	Nov. 1981	Sept. 1982	Oct. 1982[p]	Nov. 1982[p]
	FEDERAL GOVERNMENT—Continued										
	Federal Government, by industry										
—	Manufacturing activities	132.9	134.3	130.0	136.6	–	–	–	–	–	–
3731	Shipbuilding and repairing	78.9	80.0	76.1	82.0	–	–	–	–	–	–
—	Transportation and public utilities, except Postal Service	42.9	43.3	41.4	41.8	–	–	–	–	–	–
—	Services	390.6	389.4	394.1	388.4	–	–	–	–	–	–
806	Federal government hospitals	230.0	230.2	232.3	231.4	–	–	–	–	–	–
—	**STATE AND LOCAL GOVERNMENT**	13,263	13,408	12,690	13,126	13,262	–	–	–	–	–
—	State government	3,699.7	3,712.5	3,498.6	3,642.6	–	–	–	–	–	–
806	State government hospitals	518.8	520.0	512.7	513.4	–	–	–	–	–	–
82	State education	1,497.7	1,517.3	1,317.1	1,464.2	–	–	–	–	–	–
—	General administration including executive, legislative, and judicial functions	1,048.0	1,042.7	1,039.9	1,029.1	–	–	–	–	–	–
—	Local government	9,563.0	9,695.7	9,191.8	9,483.1	–	–	–	–	–	–
—	Transportation and public utilities	571.2	576.7	585.9	583.8	–	–	–	–	–	–
806	Local government hospitals	631.6	632.9	649.0	645.6	–	–	–	–	–	–
82	Local education	5,311.6	5,435.0	4,821.6	5,200.6	–	–	–	–	–	–
—	General administration including executive, legislative, and judicial functions	2,746.1	2,749.0	2,823.3	2,756.2	–	–	–	–	–	–

[1] Data relate to production and related workers in mining and manufacturing; to construction workers in construction; and to nonsupervisory workers in transportation and public utilities, wholesale and retail trade, finance, insurance, and real estate, and services.

[2] Beginning January 1978, data relate to line haul railroads with operating revenues of $50,000,000 or more.

[3] Data for nonoffice sales agents excluded from nonsupervisory count for all series in this division.

[4] Data for September, October, and November 1982 are estimated by the Bureau of Labor Statistics.

[5] Prepared by the Office of Personnel Management. Data relate to civilian employment only and exclude Central Intelligence and National Security Agencies. Final estimates for September and preliminary estimates for October are not available.

– Data not available.
p = preliminary.

NOTE: Data from April 1981 forward are subject to revision when more recent benchmark data are introduced. See "Benchmark adjustment" in the Explanatory Notes of this publication.

B-3. Women employees on nonagricultural payrolls by industry

(In thousands)

1972 SIC Code	Industry	Aug. 1981	Sept. 1981	July 1982	Aug. 1982	Sept. 1982
	TOTAL	38,411	39,089	38,407	38,533	39,233
	PRIVATE SECTOR	31,460	31,675	31,363	31,480	31,530
	MINING	137	136	138	138	134
10	METAL MINING	10.0	9.5	9.8	9.7	9.6
11, 12	COAL MINING	11.4	11.5	11.5	11.4	11.3
13	OIL AND GAS EXTRACTION	105.0	104.8	111.3	110.6	108.0
131, 2	Crude petroleum, natural gas, and natural gas liquids	66.7	66.1	71.6	72.1	71.4
138	Oil and gas field services	38.3	38.7	39.7	38.5	37.6
14	NONMETALLIC MINERALS, EXCEPT FUELS	10.2	10.1	9.7	9.8	9.6
142	Crushed and broken stone	2.8	2.8	2.7	2.8	2.7
144	Sand and gravel	3.2	3.2	3.2	3.2	3.1
	CONSTRUCTION	391	387	387	387	383
15	GENERAL BUILDING CONTRACTORS	131.1	128.0	122.7	122.2	121.6
152	Residential building construction	75.7	73.2	70.5	70.3	69.3
153	Operative builders	14.5	14.5	13.5	13.5	13.9
154	Nonresidential building construction	40.9	40.3	38.7	38.4	38.4
16	HEAVY CONSTRUCTION CONTRACTORS	67.2	66.3	66.4	67.9	67.3
161	Highway and street construction	19.2	18.7	16.1	16.5	16.0
162	Heavy construction, except highway	48.0	47.6	50.3	51.4	49.9
17	SPECIAL TRADE CONTRACTORS	192.5	192.2	198.1	197.3	195.9
171	Plumbing, heating, air conditioning	52.2	52.0	52.8	52.6	51.9
172	Painting, paper hanging, decorating	11.9	12.1	12.4	12.1	12.1
173	Electrical work	36.8	36.6	38.2	38.3	37.7
174	Masonry, stonework, and plastering	21.8	22.2	21.6	21.4	21.5
175	Carpentering and flooring	14.1	14.1	13.9	13.7	13.7
176	Roofing and sheet metal work	12.6	12.5	12.6	12.7	12.9
	MANUFACTURING	6,885	6,454	5,906	6,007	6,326
24, 25, 32, 39	DURABLE GOODS	3,661	3,052	2,922	2,811	2,830
20, 23, 26, 31	NONDURABLE GOODS	3,389	3,402	3,090	3,194	3,296
	DURABLE GOODS					
24	LUMBER AND WOOD PRODUCTS	104.2	102.7	91.4	92.2	92.7
241	Logging camps and logging contractors	5.6	5.6	5.8	6.0	5.7
242	Sawmills and planing mills	20.3	19.9	17.8	18.3	18.5
2421	Sawmills and planing mills, general	14.5	14.1	12.4	12.6	13.0
243	Millwork, plywood, and structural members	41.3	40.2	35.3	35.5	35.6
244	Wood containers	6.5	6.9	6.7	6.6	6.6
245	Wood buildings and mobile homes	8.9	8.8	7.8	7.9	7.9
249	Miscellaneous wood products	21.2	21.3	19.4	19.7	19.9
25	FURNITURE AND FIXTURES	141.7	142.8	126.1	130.8	131.5
251	Household furniture	58.3	58.9	50.8	57.9	59.4
2511	Wood household furniture	41.7	42.2	36.3	38.1	39.9
2512	Upholstered household furniture	32.2	32.2	28.1	28.9	29.4
2515	Mattresses and bedsprings	8.7	8.6	7.6	7.8	7.7
252	Office furniture	14.3	14.5	13.4	13.7	13.6
253	Public building and related furniture	5.5	5.5	5.2	5.2	4.9
254	Partitions and fixtures	11.0	11.1	10.1	10.6	10.5
259	Miscellaneous furniture and fixtures	12.6	12.8	12.6	13.1	13.3
32	STONE, CLAY, AND GLASS PRODUCTS	128.3	128.1	115.6	118.7	115.4
322	Glass and glassware, pressed or blown	41.5	41.2	36.8	36.5	36.7
3221	Glass containers	23.6	23.1	21.7	21.8	21.5
3229	Pressed and blown glass, nec	17.9	18.1	15.1	14.7	15.2
323	Products of purchased glass	12.9	13.1	12.1	11.8	11.8
324	Cement, hydraulic	1.9	1.8	1.7	1.7	1.7
325	Structural clay products	6.5	6.5	5.6	5.6	5.6
326	Pottery and related products	15.2	15.6	13.2	13.5	13.9
327	Concrete, gypsum, and plaster products	15.2	15.0	14.8	14.7	14.8
329	Misc. nonmetallic mineral products	31.8	31.7	28.1	27.6	27.7
33	PRIMARY METAL INDUSTRIES	125.5	125.2	104.2	102.0	100.6
331	Blast furnace and basic steel products	42.6	41.6	30.0	29.2	28.2
3312	Blast furnaces and steel mills	31.8	30.9	21.4	21.0	20.0
332	Iron and steel foundries	17.6	18.3	15.6	14.7	14.3

B-3. Women employees on nonagricultural payrolls by industry—Continued

(In thousands)

1972 SIC Code	Industry	Aug. 1981	Sept. 1981	July 1982	Aug. 1982	Sept. 1982
	PRIMARY METAL INDUSTRIES —Continued					
3321	Gray iron foundries	8.8	8.7	6.9	6.8	6.7
3322	Malleable iron foundries	1.1	1.1	1.0	.9	.9
3325	Steel foundries, nec	4.5	4.5	3.9	3.9	3.8
333	Primary nonferrous metals	5.2	5.0	4.2	4.1	3.8
3334	Primary aluminum	2.4	2.2	1.7	1.7	1.6
335	Nonferrous rolling and drawing	38.7	39.0	34.6	33.9	34.4
3351	Copper rolling and drawing	3.5	3.6	3.0	3.0	3.0
3353	Aluminum sheet, plate, and foil	4.1	3.9	3.2	3.1	3.1
3357	Nonferrous wire drawing and insulating	23.0	23.8	21.3	20.7	20.9
336	Nonferrous foundries	15.5	15.6	14.4	14.7	14.7
3361	Aluminum foundries	8.1	8.2	7.6	7.8	7.7
34	FABRICATED METAL PRODUCTS	338.0	342.6	298.7	300.7	302.2
341	Metal cans and shipping containers	12.8	12.7	11.6	11.7	11.4
3411	Metal cans	11.0	10.9	9.8	9.9	9.6
342	Cutlery, hand tools, and hardware	53.8	54.9	45.4	45.2	45.3
3423, 5	Hand and edge tools, and hand saws and blades	15.5	15.6	12.6	12.7	12.7
3429	Hardware, nec	31.5	32.5	28.7	28.3	28.5
343	Plumbing and heating, except electric	17.2	17.5	16.2	16.1	15.8
344	Fabricated structural metal products	33.6	33.6	67.6	67.8	67.3
3441	Fabricated structural metal	7.8	7.9	6.9	6.9	6.8
3442	Metal doors, sash, and trim	21.7	21.6	20.6	20.8	20.8
3443	Fabricated plate work (boiler shops)	18.8	18.8	17.1	16.9	16.7
3444	Sheet metal work	15.5	15.6	14.8	14.3	14.5
345	Screw machine products, bolts, etc	23.5	23.8	20.5	20.2	20.0
3451	Screw machine products	11.3	11.6	10.2	10.0	10.0
3452	Bolts, nuts, rivets, and washers	12.2	12.2	10.3	10.2	10.0
346	Metal forgings and stampings	52.5	54.5	43.2	45.2	46.0
3462	Iron and steel forgings	4.3	4.1	3.3	3.4	3.3
3465	Automotive stampings	13.6	14.4	12.3	11.9	12.5
3469	Metal stampings, nec	32.1	33.3	25.3	27.6	28.0
347	Metal services, nec	29.1	29.5	20.8	21.6	21.6
3471	Plating and polishing	17.6	17.8	15.1	16.0	16.1
3479	Metal coating and allied services	6.5	6.7	5.7	5.6	5.5
349	Ordnance and accessories, nec	19.5	19.6	20.2	20.0	20.2
3494	Valves and pipe fittings	23.5	23.6	20.2	20.2	20.1
3496	Misc. fabricated wire products	14.4	14.7	13.1	13.4	13.5
35	MACHINERY, EXCEPT ELECTRICAL	511.2	516.5	480.7	473.1	473.8
351	Engines and turbines	23.9	24.7	20.0	20.7	20.9
3511	Turbines and turbine generator sets	6.5	6.5	6.3	6.2	6.1
3519	Internal combustion engines, nec	17.4	18.2	13.7	14.5	14.8
352	Farm and garden machinery	24.9	24.9	19.8	20.2	21.0
3523	Farm machinery and equipment	15.0	18.7	15.3	14.9	15.3
353	Construction and related machinery	53.8	54.0	47.1	45.2	43.1
3531	Construction machinery	15.4	15.7	12.9	12.4	12.1
3533	Oil field machinery	17.9	18.1	16.6	15.8	14.5
354	Metalworking machinery	59.0	58.6	49.1	48.1	49.7
3541	Machine tools, metal cutting types	10.6	10.6	8.1	8.0	7.7
3544	Special dies, tools, jigs, and fixtures	16.9	16.7	14.6	14.6	14.3
3545	Machine tool accessories	13.8	13.6	11.7	11.5	11.2
355	Special industry machinery	29.5	29.5	26.9	26.8	26.5
3551	Food products machinery	5.7	5.5	5.2	5.3	5.3
3552	Textile machinery	5.0	5.0	4.3	4.2	4.2
3555	Printing trades machinery	6.7	6.5	7.1	7.1	7.1
356	General industrial machinery	63.3	63.8	55.9	54.1	52.9
3561	Pumps and pumping equipment	11.7	11.8	10.4	10.1	9.9
3562	Ball and roller bearings	13.6	13.8	12.3	11.5	11.2
357	Office and computing machines	170.3	172.5	183.0	181.8	183.1
3573	Electronic computing equipment	143.7	145.4	157.0	156.7	157.2
358	Refrigeration and service machinery	37.0	38.3	34.1	32.5	33.5
3585	Refrigeration and heating equipment	24.9	25.9	22.6	21.0	21.5
359	Misc. machinery, except electrical	49.1	50.2	44.8	43.7	44.1
3599	Machinery, except electrical, nec	35.2	40.1	36.1	35.1	35.3
36	ELECTRIC AND ELECTRONIC EQUIPMENT	855.1	907.1	846.8	845.9	844.8
361	Electric distributing equipment	46.0	47.4	40.3	40.3	41.1
3612	Transformers	19.4	20.4	17.4	17.5	17.8
3613	Switchgear and switchboard apparatus	26.6	27.0	22.9	22.8	23.3
362	Electrical industrial apparatus	51.5	52.2	78.4	76.6	75.1
3621	Motors and generators	50.2	50.8	41.5	40.5	40.3
3622	Industrial controls	28.9	29.0	26.7	26.1	24.9
363	Household appliances	58.7	62.0	50.1	49.3	51.1
3632	Household refrigerators and freezers	8.2	9.9	7.5	7.1	6.8
3633	Household laundry equipment	4.9	4.4	4.0	3.2	3.5
3634	Electric housewares and fans	29.5	30.7	23.9	25.7	27.3
364	Electric lighting and wiring equipment	51.5	51.6	80.6	82.4	82.5
3641	Electric lamps	19.7	19.8	18.4	19.3	18.5

B-3. Women employees on nonagricultural payrolls by industry – Continued

(In thousands)

1972 SIC Code	Industry	Aug. 1981	Sept. 1981	July 1982	Aug. 1982	Sept. 1982
	ELECTRIC AND ELECTRONIC EQUIPMENT — Continued					
3643	Current-carrying wiring devices	41.0	40.8	35.2	36.5	36.1
365	Radio and TV receiving equipment	56.5	56.6	48.2	48.4	47.4
3651	Radio and TV receiving sets	42.5	43.6	36.9	37.1	37.1
366	Communication equipment	211.9	212.7	204.7	208.2	207.1
3661	Telephone and telegraph apparatus	74.1	74.5	69.1	66.4	65.1
3662	Radio and TV communication equipment	137.8	138.2	141.6	141.3	141.6
367	Electronic components and accessories	284.6	287.1	285.8	286.3	285.8
3671,3	Electronic tubes	16.8	16.5	16.0	16.3	16.1
3674	Semiconductors and related devices	102.8	102.5	107.8	107.2	105.2
3679	Electronic components, nec	116.6	118.6	118.6	119.6	119.9
369	Misc. electrical equipment and supplies	54.0	55.5	53.7	54.7	54.7
3694	Engine electrical equipment	23.5	24.6	24.0	24.7	25.0
37	**TRANSPORTATION EQUIPMENT**	308.6	315.3	288.0	278.2	283.9
371	Motor vehicles and equipment	109.9	115.2	100.6	96.6	103.1
3711	Motor vehicles and car bodies	38.1	41.1	34.6	32.5	37.1
3713	Truck and bus bodies	4.1	4.3	3.4	3.0	3.4
3714	Motor vehicle parts and accessories	64.7	66.1	59.3	58.1	58.2
372	Aircraft and parts	124.7	125.8	117.5	114.2	117.4
3721	Aircraft	65.8	69.7	64.7	63.2	63.3
3724	Aircraft engines and engine parts	27.5	26.7	25.5	24.6	25.3
3728	Aircraft equipment, nec	27.0	27.4	27.3	26.4	28.4
373	Ship and boat building and repairing	26.0	25.8	23.1	22.8	23.6
3731	Ship building and repairing	19.7	19.4	17.1	16.7	16.5
374	Railroad equipment	5.7	5.8	4.0	4.0	3.8
376	Guided missiles, space vehicles, parts	28.1	28.2	29.5	29.6	29.6
3761	Guided missiles and space vehicles	22.9	23.0	24.2	24.1	24.3
379	Miscellaneous transportation equipment	7.4	7.5	6.9	6.9	7.1
38	**INSTRUMENTS AND RELATED PRODUCTS**	312.7	311.9	298.8	297.4	299.8
381	Engineering and scientific instruments	24.7	24.6	24.0	23.8	23.3
382	Measuring and controlling devices	112.1	112.5	102.9	101.8	101.5
3822	Environmental controls	24.3	24.4	20.5	20.1	20.2
3823	Process control instruments	21.1	21.2	18.9	18.4	17.8
3825	Instruments to measure electricity	48.4	48.0	47.5	47.2	46.7
383	Optical instruments and lenses	11.7	11.9	11.7	11.4	11.4
384	Medical instruments and supplies	87.0	87.0	86.5	87.0	87.6
3841	Surgical and medical instruments	42.9	42.6	43.4	43.2	43.4
3842	Surgical appliances and supplies	36.3	36.5	35.5	36.3	36.9
385	Ophthalmic goods	24.4	23.9	21.7	21.6	21.2
386	Photographic equipment and supplies	40.7	39.7	41.7	40.8	40.8
387	Watches, clocks, and watchbands	12.1	12.3	10.3	11.9	11.5
39	**MISCELLANEOUS MANUFACTURING INDUSTRIES**	195.4	199.6	173.3	178.1	180.8
391	Jewelry, silverware, and plated ware	24.9	26.8	24.1	25.6	26.6
393	Musical instruments	5.8	5.6	8.6	8.6	8.5
394	Toys and sporting goods	64.4	66.0	56.2	56.7	57.7
3942,4	Dolls, games, toys, and children's vehicles	36.4	37.3	30.1	31.5	32.6
3949	Sporting and athletic goods, nec	28.0	28.7	26.1	25.2	25.1
395	Pens, pencils, office and art supplies	20.1	20.7	18.1	18.0	17.7
396	Costume jewelry and notions	26.8	27.0	21.5	23.2	23.5
399	Miscellaneous manufactures	49.0	49.5	44.8	45.8	46.5
	NONDURABLE GOODS					
20	**FOOD AND KINDRED PRODUCTS**	548.1	550.4	504.5	540.2	544.3
201	Meat products	117.4	117.5	113.5	116.4	119.6
2011	Meat packing plants	29.3	29.0	26.2	26.5	26.7
2013	Sausages and other prepared meats	21.1	21.2	21.1	21.0	21.2
2016	Poultry dressing plants	60.9	61.0	59.4	59.9	63.0
202	Dairy products	37.5	37.2	37.6	37.3	36.5
2026	Fluid milk	16.8	16.5	16.4	16.2	15.8
203	Preserved fruits and vegetables	140.3	141.1	109.6	138.7	137.4
2032	Canned specialties	9.9	10.6	8.1	9.4	11.1
2033	Canned fruits and vegetables	70.9	66.1	61.0	66.9	64.6
2037	Frozen fruits and vegetables	23.1	26.4	23.2	25.4	23.6
204	Grain mill products	29.7	30.2	28.1	28.8	28.7
205	Bakery products	57.6	58.5	58.9	58.5	59.9
2051	Bread, cake, and related products	38.5	38.6	39.4	39.1	39.0
2052	Cookies and crackers	19.1	19.9	19.5	19.4	20.0
206	Sugar and confectionery products	42.1	44.1	37.7	41.9	44.8
207	Fats and oils	5.7	5.8	5.8	5.9	5.8
208	Beverages	43.2	43.0	43.5	43.1	43.0
2082	Malt beverages	8.2	7.9	8.2	8.1	7.8
2086	Bottled and canned soft drinks	19.2	19.1	20.1	19.9	19.6
209	Misc. foods and kindred products	74.6	73.0	69.8	71.7	71.5
21	**TOBACCO MANUFACTURES**	27.4	28.5	20.9	24.8	24.8
211	Cigarettes	16.1	16.6	14.6	13.8	13.4

B-3. Women employees on nonagricultural payrolls by industry—Continued

[In thousands]

1972 SIC Code	Industry	Aug. 1981	Sept. 1981	July 1982	Aug. 1982	Sept. 1982
22	TEXTILE MILL PRODUCTS	395.2	397.2	346.7	353.1	358.9
221	Weaving mills, cotton	61.2	61.4	52.2	51.9	52.2
222	Weaving mills, synthetics	46.5	47.0	37.4	38.5	39.1
223	Weaving and finishing mills, wool	7.2	7.2	6.1	6.1	6.3
224	Narrow fabric mills	14.6	14.8	11.8	13.1	12.9
225	Knitting mills	141.6	141.9	130.7	133.5	134.1
2251	Women's hosiery, except socks	25.0	24.9	23.9	24.1	24.3
2252	Hosiery, nec	23.9	24.0	22.3	22.4	22.3
2253	Knit outerwear mills	52.0	52.5	48.4	50.2	50.2
2254	Knit underwear mills	21.5	21.7	20.0	20.7	20.9
2257	Circular knit fabric mills	11.3	11.1	9.3	9.2	9.5
226	Textile finishing, except wool	21.8	21.9	19.8	20.0	19.7
2261	Finishing plants, cotton	9.9	10.1	9.4	9.4	9.2
2262	Finishing plants, synthetics	5.9	5.9	5.2	5.3	5.0
227	Floor covering mills	22.8	22.9	20.0	20.0	20.3
228	Yarn and thread mills	60.4	60.5	52.2	53.5	54.0
2281	Yarn mills, except wool	38.7	38.6	34.2	35.3	35.5
2282	Throwing and winding mills	11.8	11.8	9.5	9.9	10.2
229	Miscellaneous textile goods	19.4	19.6	16.5	16.5	16.3
23	APPAREL AND OTHER TEXTILE PRODUCTS	1,015.7	1,024.6	875.6	926.7	934.5
231	Men's and boys' suits and coats	60.3	60.6	54.0	56.5	57.6
232	Men's and boys' furnishings	298.4	297.9	265.1	273.7	274.1
2321	Men's and boys' shirts and nightwear	85.7	86.3	78.5	79.2	79.1
2327	Men's and boys' separate trousers	60.5	59.4	54.7	55.9	55.5
2328	Men's and boys' work clothing	84.7	84.7	75.1	77.7	77.4
233	Women's and misses' outerwear	351.1	354.0	279.4	315.1	316.5
2331	Women's and misses' blouses and waists	55.8	55.9	43.9	53.5	52.9
2335	Women's and misses' dresses	120.6	122.1	95.9	107.1	108.4
2337	Women's and misses' suits and coats	58.0	58.3	41.7	45.2	44.9
2339	Women's and misses' outerwear, nec	120.7	121.7	97.9	109.3	110.3
234	Women's and children's undergarments	79.0	80.7	71.4	72.7	74.1
2341	Women's and children's underwear	63.9	65.5	58.1	60.9	62.4
2342	Brassieres and allied garments	15.1	15.2	12.3	11.8	11.7
236	Children's outerwear	53.7	54.8	52.4	53.9	53.6
2361	Children's dresses and blouses	23.5	23.6	22.6	22.9	22.7
238	Misc. apparel and accessories	44.9	44.7	36.7	40.1	39.7
239	Misc. fabricated textile products	111.9	115.4	100.9	103.2	106.4
2391	Curtains and draperies	22.0	22.3	18.0	18.6	19.1
2392	House furnishings, nec	31.4	32.5	28.8	30.7	31.6
2396	Automotive and apparel trimmings	18.9	19.8	13.8	13.6	14.3
26	PAPER AND ALLIED PRODUCTS	164.2	164.0	151.9	152.5	151.9
261, 26	Paper and pulp mills	28.8	28.5	27.5	27.2	26.6
262	Paper mills, except building paper	25.9	25.6	24.8	24.5	24.0
263	Paperboard mills	6.1	6.0	5.4	5.4	5.3
264	Misc. converted paper products	75.8	75.8	74.3	74.6	74.4
265	Paperboard containers and boxes	49.5	48.7	44.7	45.3	45.6
27	PRINTING AND PUBLISHING	507.8	509.2	512.8	512.9	513.9
271	Newspapers	162.2	162.1	166.0	164.5	164.7
272	Periodicals	57.1	57.7	59.5	59.6	59.3
273	Books	52.9	52.2	52.1	51.7	50.5
274	Miscellaneous publishing	26.0	25.7	27.2	27.4	27.1
275	Commercial printing	131.7	133.6	130.6	132.0	133.7
2751	Commercial printing, letterpress	51.9	53.0	50.4	50.7	51.9
2752	Commercial printing, lithographic	73.2	74.1	74.2	75.3	75.8
276	Manifold business forms	16.0	15.9	15.7	15.7	15.9
278	Blankbooks and bookbinding	34.6	34.5	33.9	34.0	34.1
279	Printing trade services	11.5	11.8	12.8	12.7	13.0
28	CHEMICALS AND ALLIED PRODUCTS	285.6	286.6	280.5	280.6	278.5
281	Industrial inorganic chemicals	24.2	24.0	24.4	24.3	23.9
2819	Industrial inorganic chemicals, nec	16.3	16.2	16.3	16.2	16.0
282	Plastics materials and synthetics	42.9	43.0	40.1	39.5	38.8
2821	Plastics materials and resins	11.7	11.6	11.0	11.0	10.8
2824	Organic fibers, noncellulosic	22.0	22.4	21.1	20.6	20.5
283	Drugs	85.7	86.2	86.2	86.4	85.7
2834	Pharmaceutical preparations	72.2	72.4	71.7	72.0	71.6
284	Soap, cleaners, and toilet goods	60.0	60.7	59.6	60.7	60.5
2841	Soap and other detergents	10.1	10.1	10.0	10.4	10.2
2844	Toilet preparations	37.4	38.1	37.4	37.7	37.5
285	Paints and allied products	12.4	12.2	11.6	11.6	11.5
286	Industrial organic chemicals	28.2	28.4	27.8	27.6	27.7
2861,9	Gum, wood, and industrial organic chemicals, nec	23.4	23.6	23.4	23.2	23.3
287	Agricultural chemicals	10.8	10.7	10.3	9.9	9.9
289	Miscellaneous chemical products	21.4	21.4	20.5	20.6	20.5

B-3. Women employees on nonagricultural payrolls by industry – Continued

(In thousands)

1972 SIC Code	Industry	Aug. 1981	Sept. 1981	July 1982	Aug. 1982	Sept. 1982
29	PETROLEUM AND COAL PRODUCTS	32.3	31.9	32.4	32.2	32.3
291		27.0	26.6	27.2	27.1	27.1
30	RUBBER AND MISC. PLASTICS PRODUCTS	248.8	246.9	240.6	244.7	245.5
301		10.4	10.1	9.0	9.0	9.2
302		13.7	12.8	13.0	12.9	13.7
303						
3014		5.2	5.1	5.0	4.9	5.0
		33.1	33.5	32.6	33.4	33.2
306		156.4	155.4	151.0	154.6	155.4
307						
31	LEATHER AND LEATHER PRODUCTS	143.7	142.1	118.4	120.6	125.2
311		3.0	3.0	2.6	2.7	2.6
313		57.2	55.5	40.1	86.4	85.5
314		36.5	36.8	28.9	11.4	11.1
3143		33.1	35.7	32.2	18.4	19.9
3144		7.8	7.9	7.1	6.4	6.6
315		21.1	21.5	16.6	17.9	17.9
317						
	TRANSPORTATION AND PUBLIC UTILITIES	1,235	1,262	1,322	1,319	1,344
41	LOCAL AND INTERURBAN PASSENGER TRANSIT	41.6	78.6	49.5	47.1	58.5
		14.9	16.1	15.8	16.5	16.6
411		4.2	6.6	6.3	6.1	6.5
412		5.5	5.3	4.9	4.9	5.0
413		12.8	47.6	19.3	16.1	24.6
415						
42	TRUCKING AND WAREHOUSING	155.0	155.1	158.3	158.4	163.4
421,3		137.3	136.9	137.9	137.2	135.8
422		17.3	18.2	16.4	17.2	17.4
44	WATER TRANSPORTATION	25.4	24.7	25.8	25.3	24.5
45	TRANSPORTATION BY AIR	142.6	149.7	146.3	146.6	146.7
451,2		140.5	140.6	136.5	136.9	136.9
46	PIPE LINES EXCEPT NATURAL GAS	3.3	3.3	3.3	3.2	3.0
47	TRANSPORTATION SERVICES	108.5	108.0	115.9	116.8	115.9
48	COMMUNICATION	652.9	650.2	628.8	627.9	622.3
481		557.4	555.7	523.8	522.8	516.0
483		67.6	68.1	72.8	72.7	72.9
49	ELECTRIC, GAS, AND SANITARY SERVICES	167.6	165.1	174.2	174.4	171.1
491		77.7	77.4	82.4	82.5	81.9
492		40.4	39.2	41.1	41.2	40.0
493		37.9	37.0	38.4	38.6	37.5
496		6.4	6.5	6.8	6.6	6.5
	WHOLESALE AND RETAIL TRADE	8,992	9,094	9,079	9,177	9,132
50,51	WHOLESALE TRADE	1,358	1,409	1,396	1,393	1,398
50	WHOLESALE TRADE DURABLE GOODS	776	776	771	770	767
501		88.5	89.2	90.5	90.3	89.7
502		44.8	45.4	45.6	46.3	46.3
503		36.8	36.7	37.0	37.1	37.3
504		24.0	24.4	24.2	24.2	24.6
505		29.6	29.6	27.1	26.8	25.4
506		126.7	126.9	127.1	127.7	127.2
507		66.1	65.7	64.2	64.1	64.1
508		312.1	310.6	311.7	309.7	307.9
509		47.7	47.9	43.5	43.6	43.7
51	WHOLESALE TRADE NONDURABLE GOODS	622	633	625	623	631
511		48.8	48.6	51.0	51.4	51.7
512		65.0	65.2	68.2	68.1	69.6
513		83.5	83.8	85.2	84.7	85.2
514		160.8	160.0	155.1	148.8	150.3
516		35.6	36.1	37.9	38.1	38.3
517		55.3	55.3	56.0	56.2	55.7
518		22.2	24.1	22.2	22.0	22.1
519		117.8	121.9	120.9	121.9	124.1
	Miscellaneous nondurable goods					

B-3. Women employees on nonagricultural payrolls by industry – Continued

[In thousands]

1972 SIC Code	Industry	Aug. 1981	Sept. 1981	July 1982	Aug. 1982	Sept. 1982
52-59	RETAIL TRADE	7,594	7,685	7,683	7,684	7,734
52	BUILDING MATERIALS AND GARDEN SUPPLIES	159.6	160.1	155.0	155.5	156.2
521	Lumber and other building materials	64.6	64.6	63.4	63.3	62.9
525	Hardware stores	55.7	55.9	54.9	55.5	55.3
53	GENERAL MERCHANDISE STORES	1,438.3	1,454.9	1,481.0	1,476.2	1,499.5
531	Department stores	1,195.8	1,191.7	1,229.6	1,219.9	1,221.6
533	Variety stores	178.5	179.0	168.8	168.2	169.0
539	Misc. general merchandise stores	84.0	88.2	87.6	88.1	87.7
54	FOOD STORES	1,048.0	1,055.5	1,072.2	1,077.4	1,087.1
541	Grocery stores	879.8	886.8	900.0	903.7	912.0
542	Meat markets and freezer provisioners	17.4	16.7	17.1	17.0	17.4
546	Retail bakeries	78.8	80.7	78.9	80.1	82.0
55	AUTOMOTIVE DEALERS AND SERVICE STATIONS	312.3	310.8	320.5	319.9	318.6
551,2	New and used car dealers	111.2	111.5	109.1	108.6	108.4
553	Auto and home supply stores	48.6	48.8	50.7	50.5	50.8
554	Gasoline service stations	136.7	135.4	144.0	145.0	144.3
56	APPAREL AND ACCESSORY STORES	658.5	666.8	662.9	670.3	671.1
561	Men's and boys' clothing and furnishings	55.8	56.3	56.0	55.3	56.2
562	Women's ready-to-wear stores	303.4	308.8	305.9	309.3	309.0
565	Family clothing stores	134.7	135.5	132.0	134.9	133.7
566	Shoe stores	66.1	66.9	69.6	70.9	70.4
57	FURNITURE AND HOME FURNISHING STORES	202.8	203.8	202.4	203.6	205.2
571	Furniture and home furnishings stores	136.2	136.6	133.2	132.7	134.2
572	Household appliance stores	21.5	21.4	23.3	23.3	23.2
573	Radio, television, and music stores	45.1	45.8	45.9	47.6	47.8
58	EATING AND DRINKING PLACES	2,720.9	2,795.9	2,721.4	2,707.0	2,719.2
59	MISCELLANEOUS RETAIL	1,049.4	1,077.0	1,087.1	1,072.9	1,089.2
591	Drug stores and proprietary stores	313.7	315.4	312.2	313.0	314.6
592	Liquor stores	38.5	39.1	39.2	36.4	36.9
594	Miscellaneous shopping goods stores	387.0	382.2	381.7	385.2	394.3
596	Nonstore retailers	156.7	168.8	161.5	165.0	169.9
598	Fuel and ice dealers	22.9	23.2	23.8	24.0	23.3
599	Retail stores, nec	131.1	131.0	129.0	127.7	128.2
-	FINANCE, INSURANCE, AND REAL ESTATE	3,190	3,172	3,231	3,227	3,205
60	BANKING	1,165.4	1,160.9	1,182.1	1,180.2	1,169.8
602	Commercial and stock savings banks	1,075.6	1,067.5	1,086.8	1,086.9	1,075.3
61	CREDIT AGENCIES OTHER THAN BANKS	401.9	400.4	409.4	409.7	409.9
612	Savings and loan associations	196.3	195.9	205.9	206.6	206.9
614	Personal credit institutions	132.3	131.5	128.0	127.6	127.7
62	SECURITY, COMMODITY BROKERS, AND SERVICES	113.5	114.2	123.1	122.8	121.5
621	Security brokers and dealers	93.2	94.1	102.1	101.5	100.7
63	INSURANCE CARRIERS	755.4	750.7	746.2	744.6	740.1
631	Life insurance	304.7	302.8	301.6	301.2	299.3
632	Medical service and health insurance	102.9	102.2	101.6	101.4	101.1
633	Fire, marine, and casualty insurance	297.8	295.9	295.2	294.3	291.8
64	INSURANCE AGENTS, BROKERS, AND SERVICE	295.3	294.4	304.1	303.3	301.6
65	REAL ESTATE	378.2	374.7	385.7	385.5	382.5
651	Real estate operators and lessors	156.8	156.3	161.5	162.3	160.7
653	Real estate agents and managers	176.8	175.4	176.4	175.1	174.3
655	Subdividers and developers	36.0	34.8	35.2	35.4	34.9
66	COMBINED REAL ESTATE, INSURANCE, ETC	11.6	11.6	11.7	11.6	11.5
67	HOLDING AND OTHER INVESTMENT OFFICES	65.0	65.2	68.9	69.4	69.5
-	SERVICES	10,972	11,030	11,300	11,285	11,366
70	HOTELS AND OTHER LODGING PLACES	623.8	627.4	656.4	666.4	618.4
701	Hotels, motels, and tourist courts	630.4	604.2	617.0	623.6	591.2

B-3. Women employees on nonagricultural payrolls by industry – Continued

(In thousands)

1972 SIC Code	Industry	Aug. 1981	Sept. 1981	July 1982	Aug. 1982	Sept. 1982
72	PERSONAL SERVICES	616.7	623.9	629.3	625.5	636.3
721	Laundry, cleaning, and garment services	221.5	222.6	220.5	219.0	219.6
723	Beauty shops	251.9	256.2	264.3	263.7	269.3
726	Funeral service and crematories	19.8	19.5	21.0	20.7	21.6
73	BUSINESS SERVICES	1,436.3	1,482.4	1,438.2	1,439.7	1,461.1
731	Advertising	74.2	73.8	78.6	78.8	79.3
732	Credit reporting and collection	54.0	55.7	54.5	53.9	53.9
733	Mailing, reproduction, stenographic	62.6	63.9	64.7	62.8	64.5
734	Services to buildings	187.6	201.9	206.4	205.9	214.2
736	Personnel supply services	367.6	381.0	346.8	345.2	343.2
737	Computer and data processing services	159.1	161.3	169.1	168.2	169.8
75	AUTO REPAIR, SERVICES, AND GARAGES	95.6	94.6	100.9	102.0	101.1
753	Automotive repair shops	44.6	43.8	50.5	50.9	50.3
76	MISCELLANEOUS REPAIR SERVICES	58.6	58.2	59.2	58.6	58.0
78	MOTION PICTURES	90.0	87.9	90.9	89.1	88.4
781	Motion picture production and services	25.6	26.7	26.7	26.2	25.9
783	Motion picture theaters	58.2	54.8	58.2	57.0	52.4
79	AMUSEMENT AND RECREATION SERVICES	343.0	327.6	354.4	389.0	351.0
80	HEALTH SERVICES	4,560.9	4,564.4	4,733.0	4,742.0	4,741.0
801	Offices of physicians	620.0	619.7	642.0	648.2	647.2
802	Offices of dentists	309.3	308.1	332.8	329.8	331.4
805	Nursing and personal care facilities	921.7	944.3	950.6	953.7	954.6
806	Hospitals	2,368.5	2,370.3	2,445.6	2,445.6	2,441.8
81	LEGAL SERVICES	382.6	375.1	403.7	402.3	402.4
82	EDUCATIONAL SERVICES	508.0	590.8	532.7	522.9	621.4
821	Elementary and secondary schools	161.4	183.9	168.4	163.1	198.5
822	Colleges and universities	282.9	341.4	298.0	293.4	354.9
83	SOCIAL SERVICES	834.3	853.4	854.6	858.7	836.7
89	MISCELLANEOUS SERVICES	351.8	348.8	361.6	360.4	357.5
891	Engineering and architectural services	127.8	125.1	130.5	129.3	127.3
893	Accounting, auditing, and bookkeeping	161.1	161.5	169.6	170.8	171.5
	GOVERNMENT	6,951	7,414	7,088	7,093	7,743
	FEDERAL GOVERNMENT	890	866	1,164	1,264	1,326
	STATE AND LOCAL GOVERNMENT	6,061	6,548	5,880	5,829	6,417
	State government	1,537.3	1,607.7	1,486.7	1,488.4	1,561.1
	Hospitals	328.4	326.9	320.5	318.9	317.4
	State education	538.8	622.7	516.9	514.6	618.4
	General administration including executive, legislative, and judicial functions	445.7	437.7	438.5	433.7	423.9
	Local government	4,523.9	4,935.9	4,393.1	4,344.1	4,853.6
	Transportation and public utilities	95.1	94.8	97.3	97.2	97.6
	Hospitals	511.8	512.1	529.7	529.8	528.7
	Local education	2,647.4	3,184.3	2,498.1	2,460.3	3,067.7
	General administration including executive, legislative, and judicial functions	1,036.4	951.9	1,058.1	1,042.5	971.1

ESTABLISHMENT DATA
SEASONALLY ADJUSTED EMPLOYMENT

B-4. Employees on nonagricultural payrolls by industry division and major manufacturing group, seasonally adjusted

(In thousands)

Industry division and group	1981	1982										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct. p	Nov. p
TOTAL	90,956	90,842	90,460	90,459	90,304	90,083	90,166	89,839	89,535	89,392	89,267	88,978	88,711
GOODS PRODUCING	25,176	24,900	24,689	24,631	24,450	24,285	24,255	23,994	23,840	23,657	23,530	23,242	23,188
MINING	1,202	1,200	1,201	1,203	1,197	1,182	1,152	1,124	1,100	1,086	1,075	1,065	1,051
CONSTRUCTION	4,071	4,026	3,966	3,974	3,934	3,938	3,989	3,960	3,927	3,899	3,883	3,804	3,859
MANUFACTURING	19,903	19,674	19,522	19,454	19,319	19,165	19,115	18,910	18,813	18,672	18,572	18,373	18,278
DURABLE GOODS	11,401	11,324	11,222	11,225	11,190	11,075	11,032	11,003	11,113	10,991	10,900	10,853	10,843
Lumber and wood products	628	615	607	611	607	615	617	615	614	614	618	612	616
Furniture and fixtures	462	457	452	449	446	443	443	442	439	441	435	433	433
Stone, clay, and glass products	620	610	596	596	590	584	586	580	579	574	571	564	560
Primary metal industries	1,082	1,053	1,038	1,024	1,007	976	985	926	936	869	865	831	811
Fabricated metal products	1,353	1,329	1,315	1,305	1,296	1,281	1,272	1,252	1,246	1,227	1,216	1,200	1,195
Machinery, except electrical	2,511	2,486	2,459	2,446	2,419	2,389	2,377	2,322	2,274	2,233	2,209	2,194	2,159
Electric and electronic equipment	2,077	2,049	2,055	2,049	2,038	2,034	2,034	2,026	2,018	2,011	1,995	1,969	1,967
Transportation equipment	1,830	1,791	1,777	1,778	1,774	1,748	1,755	1,746	1,759	1,714	1,709	1,662	1,638
Instruments and related products	727	725	720	719	716	713	713	708	708	702	701	692	688
Miscellaneous manufacturing ind.	411	409	403	400	397	392	390	387	390	384	382	376	376
NONDURABLE GOODS	8,002	7,952	7,855	7,875	7,829	7,754	7,783	7,727	7,680	7,679	7,672	7,660	7,622
Food and kindred products	1,664	1,661	1,657	1,663	1,658	1,643	1,652	1,637	1,643	1,624	1,624	1,647	1,645
Tobacco manufactures	69	68	69	68	68	67	67	67	65	65	61	62	61
Textile mill products	804	794	780	777	760	773	759	741	741	737	735	735	728
Apparel and other textile products	1,235	1,222	1,201	1,201	1,186	1,165	1,165	1,161	1,126	1,165	1,143	1,143	1,134
Paper and allied products	681	677	674	670	668	664	661	658	657	653	657	649	650
Printing and publishing	1,276	1,276	1,275	1,276	1,278	1,274	1,274	1,269	1,267	1,269	1,269	1,269	1,268
Chemicals and allied products	1,113	1,100	1,095	1,093	1,088	1,082	1,079	1,073	1,068	1,070	1,068	1,050	1,042
Petroleum and coal products	215	214	210	208	207	206	207	205	205	205	204	206	205
Rubber and misc. plastic products	725	716	712	708	703	706	708	704	700	699	696	693	676
Leather and leather products	230	224	222	213	213	214	211	212	208	204	207	204	203
SERVICE PRODUCING	65,820	65,734	65,771	65,828	65,854	65,798	65,911	65,845	65,695	65,655	65,737	65,636	65,523
TRANSPORTATION AND PUBLIC UTILITIES	5,150	5,128	5,125	5,115	5,100	5,098	5,101	5,078	5,084	5,025	5,031	5,009	5,005
WHOLESALE AND RETAIL TRADE	20,623	20,524	20,630	20,670	20,655	20,584	20,652	20,595	20,615	20,559	20,492	20,437	20,384
WHOLESALE TRADE	5,375	5,357	5,346	5,343	5,336	5,323	5,331	5,307	5,299	5,278	5,272	5,251	5,232
RETAIL TRADE	15,248	15,167	15,284	15,327	15,319	15,261	15,321	15,288	15,316	15,272	15,220	15,186	15,152
FINANCE, INSURANCE, AND REAL ESTATE	5,324	5,331	5,328	5,326	5,336	5,335	5,342	5,352	5,359	5,360	5,367	5,358	5,364
SERVICES	18,815	18,834	18,831	18,867	18,904	18,929	18,963	18,986	19,042	19,048	19,096	19,087	19,127
GOVERNMENT	15,908	15,917	15,864	15,850	15,859	15,852	15,853	15,832	15,695	15,672	15,763	15,745	15,741
FEDERAL	2,749	2,756	2,741	2,737	2,736	2,730	2,728	2,739	2,737	2,739	2,736	2,723	2,726
STATE AND LOCAL	13,159	13,161	13,123	13,113	13,123	13,122	13,125	13,093	12,958	12,933	13,027	13,022	13,015

r Data for September, October, and November 1982 are estimated by the Bureau of Labor Statistics.

p = preliminary.

B-5. Women employees on nonagricultural payrolls by industry division and major manufacturing group, seasonally adjusted

(In thousands)

Industry division and group	1981				1982								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
TOTAL	39,187	39,198	39,135	39,058	39,085	39,147	39,150	39,093	39,141	39,195	39,190	39,237	39,237
GOODS PRODUCING	6,909	6,871	6,814	6,759	6,712	6,652	6,650	6,601	6,533	6,536	6,502	6,480	6,439
MINING	137	137	138	141	140	141	142	143	141	138	136	134	137
CONSTRUCTION	382	381	381	391	384	382	382	384	383	381	379	379	378
MANUFACTURING	6,392	6,353	6,295	6,227	6,188	6,169	6,126	6,074	6,069	6,017	5,987	5,967	5,920
DURABLE GOODS	3,934	3,853	3,808	3,672	3,657	3,642	3,622	3,594	3,591	3,565	3,546	3,534	3,504
Lumber and wood products	100	98	95	94	93	92	91	91	91	91	91	91	91
Furniture and fixtures	142	142	139	137	136	135	135	133	133	133	133	132	131
Stone, clay, and glass products	126	126	123	122	120	120	119	117	117	116	116	114	114
Primary metal industries	125	124	119	116	113	112	110	110	110	109	108	108	107
Fabricated metal products	340	333	326	320	317	315	313	309	309	307	304	304	303
Machinery, except electrical	520	523	517	511	507	505	503	500	499	493	491	490	488
Electric and electronic equipment	905	898	884	874	860	836	870	867	869	860	859	860	862
Transportation equipment	312	308	304	298	296	295	293	287	286	284	280	282	279
Instruments and related products	312	311	310	309	307	306	304	303	303	301	301	297	296
Miscellaneous manufacturing, nec	192	192	191	191	188	186	184	180	176	176	174	176	174
NONDURABLE GOODS	2,458	2,500	2,487	2,555	2,531	2,527	2,504	2,480	2,478	2,452	2,441	2,433	2,416
Food and kindred products	492	499	501	500	496	499	499	497	495	490	490	488	485
Tobacco manufactures	25	25	25	25	25	24	24	24	24	24	24	23	23
Textile mill products	384	388	383	394	370	368	362	367	367	353	355	352	352
Apparel and other textile products	1,012	1,004	959	988	971	971	956	935	938	935	905	922	923
Paper and allied products	163	160	158	158	157	157	156	155	154	153	152	151	151
Printing and publishing	512	513	513	515	516	516	518	516	517	515	515	510	510
Chemicals and allied products	285	285	285	285	284	284	283	282	281	280	276	279	277
Petroleum and coal products	32	32	32	32	32	33	33	32	32	31	31	31	31
Rubber and misc. plastics products	263	258	254	255	247	245	244	245	247	245	246	246	242
Leather and leather products	140	134	136	134	133	130	127	127	125	126	126	124	123
SERVICE PRODUCING	32,278	32,327	32,321	32,299	32,373	32,495	32,500	32,492	32,608	32,659	32,688	32,757	32,798
TRANSPORTATION AND PUBLIC UTILITIES	1,355	1,353	1,351	1,350	1,336	1,339	1,339	1,342	1,340	1,341	1,339	1,334	1,336
WHOLESALE AND RETAIL TRADE	9,057	9,066	9,049	9,022	9,094	9,129	9,130	9,136	9,156	9,126	9,164	9,227	9,251
WHOLESALE TRADE	1,406	1,407	1,412	1,408	1,405	1,408	1,409	1,411	1,413	1,406	1,401	1,397	1,395
RETAIL TRADE	7,651	7,659	7,637	7,614	7,689	7,721	7,721	7,725	7,743	7,720	7,763	7,830	7,856
FINANCE, INSURANCE, AND REAL ESTATE	3,180	3,183	3,186	3,189	3,195	3,185	3,190	3,194	3,202	3,211	3,219	3,211	3,219
SERVICES	11,028	11,086	11,113	11,135	11,151	11,192	11,216	11,224	11,255	11,265	11,300	11,338	11,344
GOVERNMENT	7,656	7,637	7,626	7,635	7,619	7,610	7,625	7,609	7,627	7,716	7,670	7,727	7,707
FEDERAL	883	876	874	881	877	835	874	873	876	1,016	1,137	1,148	1,166
STATE AND LOCAL	6,776	6,761	6,752	6,754	6,742	6,775	6,749	6,736	6,751	6,700	6,533	6,579	6,541

ESTABLISHMENT DATA
SEASONALLY ADJUSTED EMPLOYMENT

B-6. Production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division and major manufacturing group, seasonally adjusted

(In thousands)

Industry division and group	1981	1982 *										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.[p]	Nov. [p]
TOTAL PRIVATE	60,775	60,481	60,249	60,282	60,132	59,923	60,025	59,759	59,670	59,388	59,303	59,035	58,762
GOODS PRODUCING	17,754	17,478	17,251	17,225	17,073	16,922	16,917	16,686	16,564	16,414	16,308	16,046	15,915
MINING	882	883	875	876	871	863	835	805	782	770	761	753	741
CONSTRUCTION	3,155	3,107	3,035	3,059	3,023	3,017	3,074	3,029	3,022	2,997	2,979	2,953	2,950
MANUFACTURING	13,717	13,488	13,341	13,290	13,179	13,042	13,008	12,852	12,760	12,647	12,568	12,340	12,222
DURABLE GOODS	8,261	7,885	7,753	7,759	7,685	7,576	7,553	7,443	7,388	7,272	7,191	6,982	6,896
Lumber and wood products	516	503	497	502	497	507	507	506	505	506	507	504	507
Furniture and fixtures	369	364	359	356	353	350	350	349	346	350	346	341	341
Stone, clay, and glass products	435	465	452	452	446	441	449	438	438	435	431	426	421
Primary metal industries	821	795	780	770	756	727	702	686	669	657	638	607	591
Fabricated metal products	1,133	1,110	1,096	1,089	1,081	1,069	1,063	1,046	1,043	1,027	1,017	990	983
Machinery, except electrical	1,576	1,552	1,526	1,514	1,490	1,460	1,454	1,408	1,366	1,328	1,309	1,249	1,223
Electric and electronic equipment	1,285	1,257	1,266	1,258	1,248	1,241	1,240	1,233	1,221	1,215	1,202	1,192	1,177
Transportation equipment	1,159	1,135	1,102	1,108	1,105	1,086	1,098	1,089	1,112	1,075	1,064	1,020	996
Instruments and related products	424	423	420	418	415	411	412	407	406	402	399	391	388
Miscellaneous manufacturing, nec	303	301	295	292	290	284	283	281	282	277	276	272	269
NONDURABLE GOODS	5,456	5,603	5,588	5,531	5,494	5,466	5,455	5,409	5,372	5,375	5,375	5,358	5,326
Food and kindred products	1,144	1,140	1,135	1,142	1,138	1,125	1,133	1,121	1,129	1,115	1,116	1,131	1,129
Tobacco manufactures	54	53	54	53	53	52	52	52	51	51	49	48	46
Textile mill products	693	683	670	667	651	662	650	633	634	630	631	631	622
Apparel and other textile products	1,049	1,036	1,018	1,018	1,006	987	985	982	949	967	966	964	956
Paper and allied products	511	506	504	501	499	496	493	489	484	487	492	483	485
Printing and publishing	700	700	699	699	701	698	699	696	694	695	695	695	692
Chemicals and allied products	621	616	612	605	605	602	600	595	591	593	592	587	591
Petroleum and coal products	132	131	125	124	124	123	123	122	122	122	128	125	125
Rubber and misc. plastics products	557	548	544	538	534	541	543	542	541	540	535	524	516
Leather and leather products	195	190	187	180	179	180	177	177	172	175	171	170	169
SERVICE PRODUCING	43,021	42,923	42,998	43,057	43,059	43,001	43,108	43,073	43,106	42,974	42,995	42,889	42,847
TRANSPORTATION AND PUBLIC UTILITIES	4,261	4,241	4,241	4,232	4,217	4,209	4,212	4,194	4,165	4,142	4,155	4,131	4,138
WHOLESALE AND RETAIL TRADE	18,016	17,920	18,011	18,061	18,051	17,996	18,065	18,014	18,037	17,941	17,889	17,833	17,761
WHOLESALE TRADE	4,367	4,348	4,332	4,327	4,317	4,301	4,309	4,287	4,282	4,260	4,253	4,236	4,215
RETAIL TRADE	13,649	13,572	13,679	13,734	13,734	13,695	13,756	13,727	13,755	13,681	13,636	13,597	13,546
FINANCE, INSURANCE, AND REAL ESTATE	4,013	4,014	4,007	4,003	4,004	3,999	3,998	4,012	4,013	4,006	4,014	4,001	4,000
SERVICES	16,731	16,748	16,738	16,761	16,787	16,757	16,833	16,853	16,891	16,885	16,937	16,924	16,952

[1] For coverage of series, see footnote 1, table B-2.

p = preliminary.

B-7. Indexes of diffusion: Percent of industries in which employment[1] increased

Time span	Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Over 1-month span	1980.....	53.8	48.9	49.2	28.7	32.8	39.6	35.0	54.0	62.0	62.6	59.4	50.6
	1981.....	36.7	48.7	51.1	66.3	65.3	54.3	39.4	50.4	35.6	34.7	26.2	31.0
	1982.....	32.5	42.9	35.9	40.8	51.1	32.0	49.3	31.8	43.0	27.2p	34.4p	
Over 3-month span	1980.....	50.0	47.0	33.2	28.8	23.1	28.2	35.3	31.4	48.1	47.2	44.2	36.4
	1981.....	53.5	52.2	60.2	36.2	36.4	45.9	39.4	52.0	40.1	30.6	26.4	23.4
	1982.....	28.0	31.2	33.6	37.1	33.8	33.9	27.1	33.7	29.7p	28.3p		
Over 6-month span	1980.....	39.8	34.1	29.3	23.1	26.4	28.4	33.8	44.1	59.1	53.1	54.0	61.2
	1981.....	64.8	63.9	62.2	67.1	67.2	63.8	53.1	39.1	31.9	33.3	23.1	29.2
	1982.....	21.8	27.4	27.4	29.8	29.8	30.1	24.2p	33.2p				
Over 12-month span	1980.....	36.9	32.3	32.8	33.9	31.7	32.1	33.1	31.9	33.9	39.5	51.8	62.6
	1981.....	33.9	31.0	33.4	62.1	60.6	43.5	19.2	33.6	31.5	27.2	27.7	25.8
	1982.....	23.1	23.1	21.2	15.6p	20.2p							

[1] Number of employees, seasonally adjusted for 1, 3, and 6 month spans, on payrolls of 186 private nonagricultural industries.

p = preliminary.

NOTE: Figures are the percent of industries with employment rising. (Half of the unchanged components are counted as rising.) Data are centered within the spans.

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division

(In thousands)

	State and areas	Total			Mining			Construction			Manufacturing		
		OCT. 1981	SEP. 1982	OCT. 1982P	OCT. 1981	SEP. 1982	OCT. 1982P	OCT. 1981	SEP. 1982	OCT. 1982P	OCT. 1981	SEP. 1982	OCT. 1982P
1	**ALABAMA**	1,355.4	1,312.5	1,315.3	16.9	15.8	15.9	66.2	63.1	63.7	361.4	333.1	328.0
2	Birmingham	343.9	332.6	333.3	8.8	8.3	8.2	19.0	18.7	18.5	58.5	50.2	48.7
3	Huntsville	124.1	126.0	126.1	(1)	(1)	(1)	4.0	4.0	3.9	37.4	38.0	37.9
4	Mobile	152.9	145.5	146.1	(1)	(1)	(1)	10.2	9.2	9.3	31.3	27.4	27.0
5	Montgomery	106.8	104.3	103.6	(1)	(1)	(1)	6.0	5.8	5.8	16.4	14.9	14.7
6	Tuscaloosa	51.5	49.3	50.4	2.7	2.7	2.7	2.4	1.9	2.1	8.1	7.7	7.6
7	**ALASKA**	182.8	197.7	191.7	7.5	8.3	7.9	15.5	18.1	17.5	10.5	12.1	8.9
8	**ARIZONA**	1,050.2	1,028.1	1,033.0	25.1	15.1	15.3	68.1	59.2	60.3	160.7	150.0	149.6
9	Phoenix	662.1	647.9	654.5	.4	.5	.5	46.9	39.6	40.4	116.9	109.0	108.1
10	Tucson	191.6	190.0	191.1	7.6	4.1	3.9	11.8	11.1	11.4	24.4	24.8	24.9
11	**ARKANSAS**	746.8	731.6	732.5	6.1	5.7	5.7	34.4	31.1	30.5	211.5	194.6	193.9
12	Fayetteville—Springdale	67.6	64.8	64.9	(1)	(1)	(1)	2.7	2.7	2.6	20.4	17.5	17.4
13	Fort Smith	66.7	65.2	65.0	1.2	1.2	1.2	2.6	2.2	2.2	21.9	19.8	19.8
14	Little Rock—North Little Rock	180.1	180.1	179.6	(1)	(1)	(1)	9.0	9.5	9.3	29.4	26.3	26.2
15	Pine Bluff	32.0	30.9	30.8	(1)	(1)	(1)	1.9	2.0	1.9	6.3	5.4	5.5
16	**CALIFORNIA**	10,127.6	9,957.1	9,955.6	49.1	47.2	47.2	440.6	376.0	381.0	2,025.2	1,943.9	1,914.9
17	Anaheim—Santa Ana—Garden Grove	870.1	853.1	857.5	2.8	2.9	2.6	49.8	42.1	41.4	224.4	214.9	213.3
18	Bakersfield	137.3	133.9	134.8	14.3	14.3	14.3	7.1	6.0	5.9	10.2	9.5	9.4
19	Fresno	184.1	182.8	183.1	1.0	1.0	1.0	10.0	8.7	8.6	24.1	23.9	24.3
20	Los Angeles—Long Beach	3,658.1	3,570.7	3,590.5	14.7	14.1	14.1	122.4	102.0	101.3	918.2	853.1	849.6
21	Modesto	91.5	95.1	90.7	.1	.1	.1	5.3	4.8	4.8	20.9	25.5	21.1
22	Oxnard—Simi Valley—Ventura	161.6	159.0	160.4	3.0	3.0	2.9	7.4	6.2	6.2	26.6	26.6	26.6
23	Riverside—San Bernardino—Ontario	442.7	431.7	435.0	2.1	1.6	1.5	23.8	21.9	21.9	65.8	58.5	58.2
24	Sacramento	410.9	408.4	405.4	.7	.7	.7	18.3	16.9	16.2	27.5	29.5	27.6
25	Salinas—Seaside—Monterey	91.5	90.7	91.2	.4	.4	.4	3.3	3.4	3.4	8.9	9.9	9.9
26	San Diego	659.9	651.3	651.2	.6	.5	.6	34.5	28.1	28.1	102.9	104.4	103.8
27	San Francisco—Oakland	1,595.8	1,575.5	1,582.8	4.3	4.4	4.4	76.6	75.0	74.6	201.2	191.1	189.1
28	San Jose	694.7	699.9	700.8	.1	.1	.1	23.8	23.0	23.1	248.8	258.0	252.7
29	Santa Barbara—Santa Maria—Lompoc	124.3	122.9	124.3	1.6	1.4	1.4	5.0	4.5	4.4	17.9	19.0	18.7
30	Santa Rosa	97.1	96.4	97.2	.5	.5	.5	5.8	4.9	4.9	15.8	16.3	16.2
31	Stockton	125.1	124.3	123.5	.1	.1	.1	5.8	5.7	5.6	22.6	24.8	22.2
32	Vallejo—Fairfield—Napa	103.3	100.8	103.2	.5	.5	.5	5.2	4.8	4.9	11.5	11.4	10.8
33	**COLORADO**	1,295.2	1,279.6	1,285.4	43.6	40.3	38.2	76.4	77.3	76.8	187.4	175.6	176.2
34	Denver—Boulder	830.9	823.5	825.2	26.9	27.8	27.1	44.4	45.7	45.1	129.9	122.9	122.2
35	**CONNECTICUT**	1,442.2	1,415.4	1,416.5	(2)	(2)	(2)	55.0	54.0	53.9	433.8	398.5	395.6
36	Bridgeport	172.1	167.9	167.3	(2)	(2)	(2)	4.6	4.9	4.9	65.2	62.0	60.8
37	Hartford	399.9	397.0	398.9	(2)	(2)	(2)	12.7	12.5	12.5	94.7	89.6	88.8
38	New Britain	63.5	60.0	59.9	(2)	(2)	(2)	2.6	2.6	2.7	28.7	25.1	24.8
39	New Haven—West Haven	191.3	189.9	190.9	(2)	(2)	(2)	6.7	7.0	6.7	41.3	39.5	39.9
40	Stamford	112.7	113.0	112.1	(2)	(2)	(2)	5.9	5.9	5.6	31.9	30.7	30.6
41	Waterbury	88.5	88.1	87.5	(2)	(2)	(2)	2.8	3.3	3.1	32.4	30.2	29.7
42	**DELAWARE**	260.4	258.9	258.6	(1)	(1)	(1)	14.9	14.6	14.6	71.5	69.6	69.3
43	Wilmington	230.4	223.7	224.9	(1)	(1)	(1)	15.1	14.7	15.0	65.4	62.2	61.8
44	**DISTRICT OF COLUMBIA**	605.5	604.7	602.9	(1)	(1)	(1)	12.0	12.0	12.0	14.1	14.5	14.3
45	Washington SMSA	1,593.9	1,591.6	1,592.1	(1)	(1)	(1)	76.1	69.4	70.5	58.3	61.6	61.4
46	**FLORIDA**	3,731.4	3,726.4	3,757.0	10.9	9.5	9.4	287.3	250.8	246.9	468.6	445.3	445.2
47	Daytona Beach	79.1	76.8	77.5	–	–	–	5.2	4.1	3.9	8.6	8.3	8.5
48	Fort Lauderdale—Hollywood	355.6	341.8	340.6	(1)	(1)	(1)	28.8	24.6	24.1	41.2	37.9	37.7
49	Fort Myers—Cape Coral	71.0	71.5	71.9	(1)	(1)	(1)	8.7	8.2	8.4	3.9	4.2	4.3
50	Gainesville	70.4	67.1	67.2	(1)	(1)	(1)	3.3	2.9	3.0	4.5	4.3	4.3
51	Jacksonville	302.1	302.6	301.6	(1)	(1)	(1)	18.3	17.9	17.9	34.5	32.7	31.1
52	Lakeland—Winter Haven	120.4	109.3	112.1	5.9	4.0	3.9	10.2	7.5	7.5	21.7	17.7	19.4
53	Melbourne—Titusville—Cocoa	106.5	104.5	104.6	(1)	(1)	(1)	6.3	5.7	5.5	24.4	23.9	23.6
54	Miami	740.1	720.2	721.0	(1)	(1)	(1)	39.0	33.7	33.6	98.4	95.8	95.9
55	Orlando	297.7	298.9	300.1	(1)	(1)	(1)	20.6	19.6	19.1	38.6	37.1	36.9
56	Pensacola	99.5	99.1	99.3	(1)	(1)	(1)	7.0	6.4	6.8	12.5	12.1	12.1
57	Sarasota	72.0	71.1	72.1	(1)	(1)	(1)	7.3	6.2	6.2	6.2	5.8	5.8
58	Tallahassee	76.9	75.0	75.8	(1)	(1)	(1)	3.3	3.6	3.7	2.9	2.9	2.9
59	Tampa—St. Petersburg	571.8	564.5	565.5	(1)	(1)	(1)	41.9	36.5	36.2	79.5	76.2	76.1
60	West Palm Beach—Boca Raton	221.1	214.3	216.0	(1)	(1)	(1)	20.6	16.9	16.5	28.7	27.7	27.5

See footnotes at end of table.

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
OCT. 1981	SEP. 1982	OCT. 1982P	OCT. 1981	SEP. 1982	OCT. 1982P	OCT. 1981	SEP. 1982	OCT. 1982P	OCT. 1981	SEP. 1982	OCT. 1982P	OCT. 1981	SEP. 1982	OCT. 1982P	
71.7	66.6	68.3	273.6	271.8	270.6	59.2	59.1	59.0	213.7	214.3	215.8	292.7	288.7	294.0	1
29.7	27.6	28.3	81.3	81.2	81.0	22.9	22.7	22.7	69.3	71.3	71.5	54.4	52.6	54.4	2
2.6	2.6	2.6	22.3	22.8	22.7	3.6	3.5	3.5	19.3	20.0	19.9	34.9	35.1	35.6	3
10.2	9.5	9.7	37.0	35.5	35.5	7.3	7.1	7.2	30.2	30.7	30.7	26.7	26.1	26.7	4
4.5	4.4	4.4	23.4	23.1	23.0	6.3	6.3	6.3	21.0	21.3	21.0	29.2	28.5	28.4	5
1.7	1.7	1.7	10.0	9.7	9.7	1.7	1.7	1.7	6.6	6.5	6.4	18.3	17.4	16.5	6
18.0	19.8	18.7	32.3	34.8	34.5	8.7	9.5	9.3	32.4	34.3	33.5	57.9	60.8	61.4	7
54.5	54.7	54.8	256.4	257.1	258.5	62.3	61.7	61.7	217.5	220.2	222.2	205.6	205.1	210.2	8
33.4	34.0	34.0	171.1	170.5	172.3	48.2	47.4	47.5	142.7	144.4	146.8	102.5	102.5	104.9	9
9.0	8.8	8.8	42.5	43.6	43.3	9.0	9.1	9.1	42.1	42.4	42.7	45.2	46.1	47.0	10
44.9	44.0	44.8	161.8	162.7	161.4	32.1	33.1	33.0	117.4	119.4	118.4	140.6	141.0	144.6	11
3.9	4.2	4.3	16.6	16.9	17.0	2.3	2.3	2.3	10.1	9.8	9.7	11.6	11.4	11.6	12
3.6	3.3	3.2	14.5	13.5	13.8	2.6	2.6	2.6	12.0	12.1	12.0	10.3	10.1	10.2	13
13.5	13.5	13.6	42.3	42.8	42.6	12.7	13.1	13.0	36.0	37.6	37.3	37.2	37.3	37.6	14
3.9	3.6	3.5	6.4	6.4	6.3	1.3	1.4	1.4	5.3	5.5	5.6	6.9	6.6	6.6	15
556.3	555.4	549.1	2,345.9	2,344.9	2,332.5	652.8	658.2	655.0	2,300.9	2,352.1	2,349.5	1,756.8	1,685.4	1,746.4	16
30.2	29.2	29.1	212.7	217.5	217.3	62.4	61.2	61.1	183.6	188.6	188.4	104.2	98.7	104.3	17
8.0	7.5	7.4	34.6	34.2	34.2	5.3	5.3	5.4	25.2	25.5	25.5	32.6	31.6	32.7	18
11.0	10.9	10.7	48.7	49.0	48.6	11.6	11.8	11.8	37.9	38.3	37.9	39.8	39.2	40.2	19
200.6	199.5	195.0	826.8	833.2	837.1	242.0	239.8	239.7	868.9	884.9	886.9	464.5	444.1	466.8	20
4.0	3.9	3.9	22.7	22.2	22.3	3.6	3.6	3.6	17.9	18.2	18.0	17.0	16.8	16.9	21
7.1	7.0	7.0	38.4	39.5	39.1	8.5	8.5	8.5	32.7	32.5	32.6	37.9	35.7	37.5	22
26.5	25.8	25.7	109.4	109.9	110.0	19.9	19.8	19.8	94.1	95.5	96.8	101.1	98.7	101.1	23
22.9	21.7	21.7	96.4	95.7	95.4	22.9	22.5	22.4	78.5	78.4	77.6	143.7	143.0	143.8	24
5.0	4.9	4.8	24.0	24.2	23.9	4.4	4.4	4.4	20.5	20.6	20.5	25.0	22.9	23.9	25
29.7	29.3	29.0	152.0	149.9	148.7	41.2	40.7	40.7	157.3	160.6	160.3	141.7	137.8	140.0	26
131.4	127.3	126.6	367.7	366.1	367.1	152.3	152.8	152.9	377.8	384.6	386.3	284.5	274.2	281.8	27
23.1	22.1	21.9	130.9	133.6	134.0	28.8	28.3	28.3	160.6	161.3	163.6	78.6	73.5	77.1	28
5.5	5.4	5.4	29.4	29.3	29.3	5.9	6.0	6.0	34.3	34.9	34.9	24.7	22.4	24.2	29
5.0	4.9	4.9	23.6	23.7	23.8	6.0	6.0	6.0	20.3	20.7	20.7	20.1	19.4	20.2	30
8.4	8.2	7.9	29.9	28.2	29.7	5.3	5.4	5.4	25.6	25.4	25.4	27.4	26.5	27.2	31
4.6	4.6	4.5	22.7	23.0	22.8	3.5	3.4	3.4	20.5	20.1	20.7	34.8	33.0	35.6	32
82.8	80.6	80.6	313.4	317.1	317.9	80.0	82.5	82.5	266.1	272.6	272.1	245.6	233.5	241.2	33
57.8	56.4	56.4	195.9	196.6	197.2	57.0	59.0	59.1	180.1	182.6	182.5	138.9	132.5	135.7	34
61.6	61.2	61.2	303.6	310.1	309.2	112.5	116.2	116.0	292.5	301.4	301.9	183.2	174.0	178.7	35
6.1	6.2	6.2	35.4	34.9	35.1	7.8	7.8	7.8	36.2	35.9	36.1	16.8	16.2	16.4	36
14.7	14.6	14.8	85.0	86.0	86.3	61.3	63.8	63.6	76.4	77.3	78.5	55.1	53.2	54.4	37
3.3	3.4	3.4	10.4	10.5	10.3	1.9	1.9	1.9	10.1	10.5	10.4	6.5	6.0	6.4	38
15.8	15.7	15.8	41.0	41.1	41.6	11.1	11.6	11.3	50.4	50.9	51.1	25.0	24.1	24.5	39
4.6	4.7	4.8	25.5	26.2	26.0	8.4	8.6	8.5	26.1	26.6	26.3	10.3	10.3	10.3	40
3.1	3.2	3.1	15.9	16.5	16.6	3.8	3.9	3.9	19.0	19.8	19.5	11.5	11.2	11.6	41
12.3	11.7	11.7	56.3	57.6	56.7	12.9	12.8	12.7	48.6	49.4	49.3	43.9	43.1	44.3	42
12.0	11.4	11.3	47.2	46.4	46.5	12.0	12.0	11.9	43.8	43.9	43.9	34.9	33.2	34.4	43
26.5	26.7	26.6	64.1	64.1	63.9	34.0	33.9	33.6	188.4	188.6	188.8	266.4	264.9	263.7	44
72.2	73.7	73.8	311.4	315.3	316.2	91.5	92.8	91.9	449.7	455.6	451.1	534.7	523.2	527.2	45
227.4	230.9	231.2	978.3	1,006.1	1,021.3	274.6	276.7	279.0	870.0	911.8	921.6	614.3	595.3	602.4	46
3.2	3.2	3.3	22.1	22.2	22.0	4.8	4.7	4.8	20.5	20.8	20.9	14.7	13.5	14.1	47
17.7	17.6	17.5	102.7	98.5	97.8	31.6	30.7	30.3	85.6	84.3	85.1	48.0	48.2	48.1	48
4.3	4.5	4.4	19.9	19.9	19.9	6.5	6.7	6.7	16.4	16.2	16.2	11.9	11.8	12.0	49
1.6	1.7	1.7	15.1	14.2	14.0	3.2	3.2	3.2	14.3	13.8	14.1	28.4	27.0	26.9	50
24.7	25.3	25.3	78.5	78.5	78.7	28.0	28.0	27.9	64.4	65.6	66.0	53.7	54.6	54.7	51
5.3	5.0	5.0	29.6	27.4	28.7	6.7	6.9	6.9	24.0	23.7	23.8	17.0	17.1	16.9	52
4.6	4.6	4.6	22.4	21.7	22.2	4.4	4.1	4.2	26.2	25.8	26.0	18.2	18.7	18.5	53
72.7	70.9	70.7	196.3	190.1	191.5	57.6	55.6	55.4	181.8	178.6	178.3	94.3	95.5	95.6	54
15.0	15.5	15.5	78.6	79.0	79.5	20.5	20.5	20.6	80.8	83.2	83.5	43.6	44.0	45.0	55
4.8	4.8	4.6	24.1	24.4	24.6	4.4	4.6	4.6	20.9	21.7	21.4	25.8	25.1	25.2	56
3.2	3.2	3.3	21.3	21.4	21.9	5.8	5.8	5.9	18.3	18.3	18.5	9.9	10.4	10.5	57
3.0	3.1	3.1	15.7	15.3	15.4	3.5	3.5	3.4	13.9	14.3	14.9	34.6	32.3	32.4	58
32.2	32.9	33.0	157.5	155.6	155.8	41.3	42.0	41.9	136.6	136.5	136.8	82.8	84.8	85.7	59
9.5	10.3	10.4	57.7	55.6	55.5	18.6	17.4	17.7	54.6	52.7	54.0	31.4	33.7	34.4	60

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

	State and areas	Total			Mining			Construction			Manufacturing		
		OCT. 1981	SEP. 1982	OCT. 1982P	OCT. 1981	SEP. 1982	OCT. 1982P	OCT. 1981	SEP. 1982	OCT. 1982P	OCT. 1981	SEP. 1982	OCT. 1982P
1	**GEORGIA**	2,192.3	2,149.9	2,158.3	7.8	7.9	7.8	102.4	97.9	97.3	521.0	494.4	491.5
2	Albany	44.8	44.1	44.2	(1)	(1)	(1)	2.1	2.4	2.4	12.1	11.8	11.9
3	Atlanta	955.3	996.2	1,000.3	(1)	(1)	(1)	45.1	44.5	44.9	148.3	140.4	140.8
4	Augusta	123.1	122.5	122.6	(1)	(1)	(1)	5.2	5.3	5.2	36.1	33.6	33.5
5	Columbus	81.2	77.0	77.9	(1)	(1)	(1)	5.1	4.4	4.7	21.8	18.9	18.9
6	Macon	98.3	97.9	97.8	(1)	(1)	(1)	3.8	3.5	3.3	17.3	17.3	17.1
7	Savannah	89.8	87.9	87.6	(1)	(1)	(1)	4.9	4.8	4.6	17.0	16.1	16.2
8	**HAWAII**	400.1	393.4	397.5	-	-	-	21.8	18.3	17.9	21.7	22.5	21.2
9	Honolulu	329.2	321.2	325.7	-	-	-	18.1	14.4	14.1	15.8	16.5	15.4
10	**IDAHO**	333.1	317.0	314.8	5.4	3.3	3.5	17.7	14.5	14.2	54.2	50.6	48.7
11	Boise City	78.2	75.5	75.8	(1)	(1)	(1)	6.0	4.8	4.5	8.9	8.9	9.2
12	**ILLINOIS**	4,784.9	4,600.8	4,583.6	29.1	28.0	27.7	188.1	168.7	169.2	1,127.8	1,004.8	971.9
13	Bloomington—Normal	52.5	49.2	50.3	(2)	(2)	(2)	1.8	1.8	1.7	7.2	5.7	5.7
14	Champaign—Urbana—Rantoul	75.4	74.9	76.7	(2)	(2)	(2)	1.8	1.3	1.2	7.9	7.6	7.5
15	Chicago—Gary	3,487.4	3,376.5	(*)	4.4	4.1	(*)	124.1	118.5	(*)	854.9	769.2	(*)
16	Chicago SMSA[4]	3,240.3	3,149.2	3,144.9	4.3	4.0	4.0	108.8	104.7	104.8	767.4	695.0	689.4
17	Davenport—Rock Island—Moline	162.5	151.1	147.7	(2)	(2)	(2)	8.0	7.7	7.7	49.1	40.1	36.7
18	Decatur	55.7	52.2	49.9	(2)	(2)	(2)	2.5	2.3	2.3	20.1	17.2	14.7
19	Kankakee	32.9	31.9	31.4	(2)	(2)	(2)	1.8	1.6	1.4	8.1	7.6	7.4
20	Peoria	149.1	135.2	123.2	(2)	(2)	(2)	7.2	7.5	7.2	48.5	36.3	24.5
21	Rockford	117.7	108.2	107.7	(2)	(2)	(2)	3.8	3.7	3.7	49.5	42.1	37.3
22	Springfield	87.5	87.4	86.9	(2)	(2)	(2)	4.3	4.2	4.1	6.3	6.2	5.6
23	**INDIANA**	2,124.0	2,030.3	2,011.0	9.9	8.9	8.7	94.1	85.2	84.3	652.9	588.3	570.1
24	Anderson	45.9	42.8	42.3	(1)	(1)	(1)	1.1	1.1	1.1	19.9	17.5	17.0
25	Elkhart	67.9	65.6	(*)	(1)	(1)	(*)	2.2	1.9	(*)	34.5	33.0	(*)
26	Evansville	126.5	123.1	122.6	2.9	2.4	2.4	7.4	6.9	6.7	34.8	32.6	32.0
27	Fort Wayne	172.1	163.2	(*)	(1)	(1)	(*)	8.1	7.2	(*)	52.8	47.6	(*)
28	Gary—Hammond—East Chicago[5]	247.1	233.0	(*)	(1)	(1)	(*)	15.3	13.8	(*)	87.5	75.7	(*)
29	Indianapolis	533.6	515.7	(*)	(1)	(1)	(*)	23.8	22.1	(*)	122.4	111.7	(*)
30	Lafayette—West Lafayette	59.1	57.7	(*)	(1)	(1)	(*)	3.0	2.4	(*)	11.2	10.4	(*)
31	Muncie	49.2	46.5	(*)	(1)	(1)	(*)	1.4	1.2	(*)	12.1	10.6	(*)
32	South Bend	106.9	103.1	(*)	(1)	(1)	(*)	4.4	3.7	(*)	30.7	29.0	(*)
33	Terre Haute	61.8	56.6	56.4	1.5	1.3	1.3	3.3	2.5	2.4	14.8	13.0	12.7
34	**IOWA**	1,058.3	1,049.5	1,050.2	2.1	2.0	2.0	48.6	44.0	43.0	236.1	206.6	202.5
35	Cedar Rapids	81.3	75.2	75.8	(1)	(1)	(1)	3.5	3.2	3.1	25.8	22.2	22.1
36	Des Moines	176.8	169.3	169.9	(1)	(1)	(1)	6.5	5.6	5.4	23.1	20.2	20.0
37	Dubuque	41.5	37.3	37.2	(1)	(1)	(1)	1.3	1.2	1.1	14.0	9.9	9.9
38	Sioux City	50.0	47.7	48.4	(1)	(1)	(1)	2.1	1.6	1.6	9.5	8.2	8.7
39	Waterloo—Cedar Falls	64.7	60.3	59.7	(1)	(1)	(1)	2.2	2.2	2.2	22.7	19.1	18.4
40	**KANSAS**	953.1	918.9	919.9	19.7	17.3	17.4	42.0	37.3	37.3	186.9	161.1	159.2
41	Lawrence	29.0	28.0	28.3	(2)	(2)	(2)	1.0	.8	.8	4.6	4.4	4.3
42	Topeka	85.3	82.8	82.7	.2	.2	.2	3.2	2.9	2.8	9.7	8.6	8.5
43	Wichita	208.2	193.9	194.7	3.8	3.6	3.7	10.0	9.2	9.2	63.3	51.0	51.5
44	**KENTUCKY**	1,208.7	1,146.8	1,148.6	54.3	50.4	49.8	53.1	46.1	46.1	275.0	243.6	241.4
45	Lexington—Fayette	147.0	141.4	143.9	(1)	(1)	(1)	5.9	4.9	5.0	29.3	26.2	26.8
46	Louisville	384.1	364.6	363.8	(1)	(1)	(1)	18.6	17.0	16.8	98.0	81.4	78.6
47	Owensboro	31.2	27.7	27.7	1.2	.8	.8	1.7	1.2	1.3	6.6	5.7	5.7
48	**LOUISIANA**	1,649.4	1,611.2	1,614.4	99.2	97.4	97.0	142.8	131.0	131.3	222.8	197.1	197.3
49	Alexandria	54.0	54.6	54.8	(1)	(1)	(1)	3.9	4.0	3.9	5.6	5.6	5.6
50	Baton Rouge	205.2	205.1	206.9	1.2	1.3	1.3	25.8	18.6	19.0	26.7	24.8	24.7
51	Lafayette	93.0	98.1	98.3	18.6	20.0	19.4	5.8	6.0	6.0	5.0	5.4	5.4
52	Lake Charles	71.7	63.7	63.7	2.5	2.3	2.2	10.6	5.6	5.5	13.3	10.8	10.7
53	Monroe	50.2	49.6	49.0	.7	.6	.6	3.4	3.5	3.6	7.8	6.6	6.4
54	New Orleans	521.1	508.2	508.1	20.9	21.5	21.5	30.3	30.3	29.9	53.0	47.2	47.0
55	Shreveport	152.7	147.8	146.9	8.5	6.1	6.2	8.1	8.2	7.9	29.0	25.3	25.2
56	**MAINE**	419.1	414.1	413.3	(1)	(1)	(1)	18.6	18.6	18.6	112.2	108.5	107.2
57	Lewiston—Auburn	34.7	33.8	33.8	(1)	(1)	(1)	1.4	1.3	1.4	11.6	10.7	10.6
58	Portland	94.5	95.5	97.2	(1)	(1)	(1)	3.8	4.1	4.1	17.7	17.1	17.1
59	**MARYLAND**	1,708.3	1,669.9	1,680.7	(1)	(1)	(1)	96.2	82.7	83.5	231.1	209.2	208.4
60	Baltimore SMSA	955.3	932.1	939.5	(1)	(1)	(1)	44.3	36.6	36.7	155.3	139.0	137.0
61	Baltimore City[5]	444.3	431.4	433.9	(1)	(1)	(1)	17.5	13.2	13.2	62.7	58.0	57.1

See footnotes at end of table.

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
OCT. 1981	SEP. 1982	OCT. 1982P	OCT. 1981	SEP. 1982	OCT. 1982P	OCT. 1981	SEP. 1982	OCT. 1982P	OCT. 1981	SEP. 1982	OCT. 1982P	OCT. 1981	SEP. 1982	OCT. 1982P	
144.4	141.5	140.4	504.9	495.5	496.8	113.9	116.0	115.9	361.7	368.1	368.9	436.1	428.7	439.7	1
2.3	2.2	2.2	9.3	9.4	9.4	2.0	2.1	2.1	5.3	5.9	5.9	10.7	10.3	10.3	2
90.1	89.4	89.3	270.0	273.9	275.5	67.3	68.2	68.0	211.8	220.3	220.4	162.6	159.6	161.5	3
4.4	4.5	4.5	22.6	23.7	23.8	4.4	4.7	4.6	18.2	18.3	18.5	32.3	32.4	32.4	4
3.3	3.2	3.1	15.9	15.4	15.3	5.4	5.5	5.4	11.4	11.3	10.9	18.5	18.4	19.5	5
4.6	4.4	4.4	20.1	20.7	20.6	6.3	6.0	6.1	17.3	16.8	16.9	28.9	29.2	29.5	6
9.0	7.9	7.6	22.2	22.0	21.9	4.1	4.2	4.2	16.4	16.4	16.5	16.3	16.5	16.6	7
31.2	30.4	30.1	104.8	105.0	104.5	32.1	31.8	31.8	100.5	101.2	101.8	88.0	84.2	90.2	8
26.0	25.3	25.0	87.0	87.2	86.9	27.5	27.4	27.4	80.1	80.2	80.6	74.7	70.2	76.3	9
20.0	19.2	19.0	82.0	79.4	79.1	23.0	22.6	22.6	60.6	59.2	58.5	70.2	68.2	69.2	10
5.2	5.0	4.9	19.7	19.5	19.8	8.0	7.6	7.6	14.4	14.8	14.5	16.0	14.8	15.3	11
284.3	271.4	271.6	1,103.4	1,075.8	1,077.9	315.7	316.6	314.7	963.9	972.3	975.9	772.6	763.2	774.7	12
3.1	3.0	3.0	12.5	11.9	12.0	7.7	7.9	7.9	8.3	8.4	8.4	11.9	10.5	11.6	13
2.6	2.6	2.6	19.7	19.4	19.5	2.5	2.4	2.4	11.7	11.5	11.5	33.2	30.1	32.0	14
212.3	204.8	(*)	818.0	801.6	(*)	253.6	250.1	(*)	739.1	750.4	(*)	481.0	475.8	(*)	15
197.6	190.9	190.4	766.9	751.8	752.6	244.5	241.2	240.4	701.3	710.5	710.1	449.5	451.1	453.2	16
6.9	6.6	6.7	40.5	39.4	39.4	7.1	7.1	7.1	24.8	24.1	24.0	26.1	26.1	26.1	17
5.2	5.2	4.8	11.6	11.4	11.6	2.7	2.6	2.6	8.7	8.6	8.6	4.9	4.9	5.3	18
1.4	1.4	1.4	7.0	6.7	6.7	1.1	1.1	1.1	6.5	6.2	6.2	7.0	7.3	7.2	19
7.9	7.8	7.8	34.9	33.7	33.5	7.1	7.0	7.0	25.9	25.5	25.8	17.6	17.4	17.4	20
4.4	4.2	4.3	24.8	23.5	27.9	4.2	4.2	4.0	18.6	18.6	18.5	12.4	11.9	12.0	21
4.8	4.5	4.6	18.9	18.7	18.9	6.7	6.5	6.5	18.4	18.2	18.1	28.1	29.1	29.1	22
103.4	98.7	98.2	470.8	462.9	461.8	101.4	99.6	99.5	344.0	348.9	347.0	347.5	337.8	341.3	23
1.3	1.1	1.1	9.4	9.1	9.0	1.6	1.6	1.6	7.2	7.3	7.3	5.4	5.1	5.2	24
2.1	2.0	(*)	13.1	12.8	(*)	2.1	2.1	(*)	9.0	9.0	(*)	4.9	4.8	(*)	25
7.1	7.0	6.9	31.4	31.5	31.6	4.7	4.7	4.6	25.6	25.6	25.7	12.5	12.4	12.7	26
11.0	10.3	(*)	42.3	40.8	(*)	10.5	10.5	(*)	29.4	28.8	(*)	18.0	18.0	(*)	27
14.7	13.6	(*)	51.1	51.1	(*)	9.1	9.0	(*)	37.9	38.3	(*)	31.5	31.5	(*)	28
31.2	30.0	(*)	133.2	131.1	(*)	38.6	38.2	(*)	97.8	99.6	(*)	86.6	84.0	(*)	29
1.4	1.4	(*)	11.3	11.4	(*)	2.5	2.5	(*)	9.4	9.5	(*)	20.3	20.1	(*)	30
2.1	2.0	(*)	12.4	12.1	(*)	1.5	1.4	(*)	8.4	8.5	(*)	11.3	10.7	(*)	31
4.6	4.3	(*)	25.5	24.8	(*)	5.2	5.2	(*)	23.6	23.8	(*)	12.9	12.3	(*)	32
3.4	3.1	3.1	14.9	13.4	13.3	2.0	1.8	1.8	9.6	9.3	9.4	12.3	12.2	12.4	33
53.7	50.7	50.7	274.3	267.6	266.8	59.2	59.4	59.2	211.5	211.5	212.6	212.7	207.6	213.5	34
3.7	3.7	3.6	18.8	17.6	17.7	4.3	4.1	4.1	16.0	15.6	16.1	9.2	8.8	9.1	35
11.1	11.1	11.1	46.0	44.2	44.6	22.0	22.7	22.6	41.3	39.7	39.4	26.8	25.8	26.8	36
1.6	1.5	1.6	9.2	8.8	8.9	1.3	1.3	1.3	10.3	10.9	10.8	3.6	3.5	3.6	37
3.8	3.8	3.7	12.9	12.8	12.8	2.8	2.7	2.6	12.7	12.7	12.8	6.2	6.0	6.2	38
2.3	2.3	2.2	13.6	13.3	13.3	2.1	2.0	2.0	11.0	10.9	10.8	10.9	10.4	10.7	39
63.5	62.6	62.7	229.4	225.1	225.3	47.9	47.6	48.0	175.2	179.9	179.9	188.5	188.0	190.1	40
1.5	1.4	1.4	5.5	5.6	5.6	.8	.8	.8	4.3	4.2	4.4	11.3	10.8	11.0	41
8.5	8.2	8.2	18.5	18.1	18.0	5.9	5.8	5.8	17.7	17.7	17.8	21.6	21.3	21.4	42
10.2	10.7	10.5	47.9	45.2	45.1	9.7	9.9	10.0	40.3	40.4	40.3	23.0	23.9	24.4	43
67.7	65.3	65.4	257.8	249.4	250.4	51.3	51.3	51.8	217.7	213.2	215.1	231.8	227.5	228.6	44
7.5	7.5	7.5	32.4	31.7	32.0	7.1	6.7	6.7	30.7	31.1	32.5	34.1	33.3	33.4	45
23.3	22.1	21.9	87.7	87.1	88.3	24.3	23.9	24.3	76.9	78.8	78.9	55.3	54.2	54.9	46
2.3	2.3	2.3	7.1	6.2	6.3	1.3	1.3	1.3	6.2	5.5	5.4	4.8	4.7	4.6	47
133.1	129.9	129.8	375.2	369.6	369.3	75.0	76.1	76.2	291.8	298.7	298.2	309.5	311.4	315.3	48
2.4	2.4	2.4	11.8	11.9	12.1	2.9	3.0	3.0	11.4	11.7	11.7	16.0	16.0	16.1	49
11.2	11.0	11.1	47.1	47.9	48.5	12.3	12.6	12.6	35.9	37.5	37.7	49.0	51.4	52.0	50
7.1	7.8	7.9	24.3	25.5	25.5	3.4	3.5	3.3	17.8	19.1	19.3	11.0	10.8	11.5	51
4.5	4.8	4.9	15.3	15.5	15.5	3.0	2.8	3.0	11.1	10.9	11.0	11.4	11.0	10.9	52
2.5	2.5	2.5	13.3	12.6	12.5	3.9	3.9	3.9	8.9	9.2	9.0	9.7	10.7	10.5	53
55.9	54.1	53.2	131.5	128.4	127.9	31.2	30.9	30.8	116.5	114.9	115.6	81.8	80.9	82.2	54
9.1	9.1	9.1	35.4	34.2	33.5	7.1	7.2	7.2	29.7	32.2	31.6	25.8	25.5	26.2	55
18.5	18.5	18.2	89.0	89.7	88.1	17.2	18.0	18.0	79.9	81.0	79.3	83.7	79.8	83.9	56
1.2	1.2	1.2	8.0	8.3	8.2	1.8	1.7	1.7	7.6	7.7	7.7	3.1	2.9	3.0	57
5.8	5.9	5.9	25.6	26.2	26.6	7.6	8.4	8.4	21.0	22.1	22.0	13.0	11.7	13.1	58
86.2	82.9	84.0	407.7	415.0	414.0	93.3	95.2	94.3	380.0	387.5	382.7	413.8	397.4	413.8	59
57.7	53.8	54.7	223.5	232.2	231.9	57.7	58.1	57.7	201.7	204.5	203.7	215.1	207.9	217.8	60
39.1	37.1	36.9	96.4	97.3	97.0	38.6	38.9	38.5	107.6	107.5	108.5	82.4	79.4	82.7	61

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

	State and areas	Total			Mining			Construction			Manufacturing		
		OCT. 1981	SEP. 1982	OCT. 1982P	OCT. 1981	SEP. 1982	OCT. 1982P	OCT. 1981	SEP. 1982	OCT. 1982P	OCT. 1981	SEP. 1982	OCT. 1982P
1	**MASSACHUSETTS**	2,668.1	2,619.3	2,621.8	(1)	(1)	(1)	84.8	85.0	84.1	671.4	625.5	617.0
2	Boston	1,481.2	1,478.3	1,490.5	(1)	(1)	(1)	46.6	47.0	46.2	294.8	287.5	283.0
3	Brockton	57.3	56.2	56.6	(1)	(1)	(1)	1.6	1.5	1.5	12.3	11.8	11.4
4	Fall River	53.5	53.6	53.0	(1)	(1)	(1)	1.5	1.3	1.3	20.2	19.6	19.3
5	Lawrence—Haverhill	115.2	111.0	111.3	(1)	(1)	(1)	3.1	3.0	3.1	46.2	41.9	41.7
6	Lowell	79.4	79.5	80.3	(1)	(1)	(1)	2.9	3.1	3.0	29.2	29.9	29.9
7	New Bedford	64.5	62.1	62.1	(1)	(1)	(1)	1.7	1.6	1.5	25.9	24.7	24.1
8	Springfield—Chicopee—Holyoke	237.1	230.6	230.8	(1)	(1)	(1)	6.4	6.1	6.0	64.2	59.4	58.4
9	Worcester	167.2	162.2	164.1	(1)	(1)	(1)	5.2	5.5	5.7	48.1	42.5	41.5
10	**MICHIGAN**	3,404.2	3,222.4	3,208.9	12.0	8.8	8.3	110.0	91.4	94.3	974.3	886.9	837.6
11	Ann Arbor	138.4	131.5	129.2	(1)	(1)	(1)	2.3	1.8	1.8	38.0	35.9	29.3
12	Battle Creek	63.2	60.7	60.3	(1)	(1)	(1)	1.6	1.8	1.9	20.0	17.5	17.0
13	Bay City	34.8	33.9	34.2	(1)	(1)	(1)	1.1	1.0	1.0	9.1	8.3	8.5
14	Benton Harbor	60.4	56.6	56.5	(1)	(1)	(1)	1.9	1.5	1.4	21.5	18.9	18.4
15	Detroit	1,635.3	1,541.4	1,541.3	1.1	1.0	1.0	49.0	39.9	43.8	465.2	418.1	396.5
16	Flint	189.1	179.2	173.9	(1)	(1)	(1)	6.1	4.5	4.7	71.9	64.2	59.1
17	Grand Rapids	273.2	266.1	266.5	(1)	(1)	(1)	11.8	11.1	10.9	90.9	86.9	86.3
18	Jackson	50.3	47.7	46.9	(1)	(1)	(1)	1.2	.9	.9	14.0	12.8	11.8
19	Kalamazoo—Portage	111.3	108.2	107.3	(1)	(1)	(1)	4.4	4.0	4.0	32.4	30.7	29.8
20	Lansing—East Lansing	198.6	184.3	190.6	(1)	(1)	(1)	5.5	3.8	3.7	42.7	38.6	38.3
21	Muskegon—Norton Shores—Musk. Hts	59.7	58.2	57.0	(1)	(1)	(1)	2.1	2.0	1.9	20.1	19.2	18.4
22	Saginaw	83.1	82.1	80.6	(1)	(1)	(1)	2.3	2.4	2.3	28.5	25.9	24.7
23	**MINNESOTA**	1,782.6	1,714.9	1,712.1	16.2	6.4	6.7	76.3	71.2	69.8	366.4	352.5	344.8
24	Duluth—Superior	56.3	54.3	54.3	(1)	(1)	(1)	1.9	1.8	1.8	7.5	5.6	5.6
25	Minneapolis—St. Paul	1,097.0	1,058.8	1,063.5	(1)	(1)	(1)	41.8	38.0	37.5	243.6	231.1	229.9
26	Rochester	51.7	51.2	50.4	(2)	(2)	(2)	1.8	2.2	2.3	10.5	10.2	9.3
27	St. Cloud	55.9	53.4	53.5	(1)	(1)	(1)	3.5	3.5	3.5	11.5	11.0	11.1
28	**MISSISSIPPI**	826.1	795.9	796.2	12.9	12.5	12.4	42.3	40.2	39.7	222.9	205.2	201.9
29	Jackson	148.6	145.5	145.6	2.1	2.0	1.9	5.9	5.5	5.5	19.1	17.2	16.6
30	**MISSOURI**	1,985.3	1,968.7	1,960.9	7.5	7.4	7.3	92.9	96.7	95.7	430.2	407.3	403.9
31	Kansas City	620.8	593.8	593.8	.5	.4	.4	22.1	21.1	21.2	115.3	107.1	107.2
32	St. Joseph	35.5	34.7	34.5	(2)	(2)	(2)	2.0	1.7	1.8	7.9	8.0	7.9
33	St. Louis	997.3	974.3	978.5	3.6	3.3	3.2	44.8	48.4	48.5	231.3	216.8	216.9
34	Springfield	89.2	86.9	86.5	(2)	(2)	(2)	3.4	3.5	3.4	18.6	16.9	16.4
35	**MONTANA**	291.5	283.0	280.3	11.9	10.1	9.5	14.7	14.2	13.2	24.4	21.5	22.1
36	Billings	49.6	49.6	49.5	(1)	(1)	(1)	2.7	2.6	2.4	4.7	4.1	4.4
37	Great Falls	29.7	29.6	29.4	(1)	(1)	(1)	1.4	1.8	1.6	1.5	1.3	1.3
38	**NEBRASKA**	632.2	612.7	611.7	1.8	1.6	1.5	26.6	25.1	25.0	96.1	82.3	82.2
39	Lincoln	99.8	98.2	97.9	(2)	(2)	(2)	3.3	3.0	3.0	13.1	11.9	12.1
40	Omaha	267.4	257.9	257.5	(2)	(2)	(2)	10.1	9.5	9.5	36.0	32.6	32.1
41	**NEVADA**	422.4	417.6	416.3	8.0	7.1	7.0	25.6	23.7	23.4	20.8	19.5	19.5
42	Las Vegas	234.3	230.9	230.7	.6	.5	.5	14.8	14.0	13.9	7.6	7.1	7.1
43	Reno	117.5	117.5	117.4	.7	.8	.8	6.3	5.9	5.7	8.6	7.9	7.9
44	**NEW HAMPSHIRE**	399.4	398.0	393.6	(2)	(2)	(2)	22.7	24.3	24.0	117.4	112.4	111.2
45	Manchester	75.8	76.7	76.7	(2)	(2)	(2)	3.3	3.2	3.1	17.4	17.4	17.4
46	Nashua	68.4	68.5	68.7	(2)	(2)	(2)	2.9	2.9	2.9	31.5	30.2	30.2
47	**NEW JERSEY**	3,105.5	3,070.1	3,066.1	2.5	2.4	2.4	119.2	117.6	117.1	777.2	724.4	718.5
48	Atlantic City	99.0	104.1	102.2	–	–	–	5.7	6.3	6.4	8.1	6.8	6.8
49	Camden[1]	347.3	343.7	345.0	.1	.1	.1	14.1	13.9	14.2	72.0	66.0	66.1
50	Hackensack	400.5	387.2	391.6	(1)	(1)	(1)	16.2	14.8	15.1	109.4	104.7	104.1
51	Jersey City	227.1	217.9	218.7	–	–	–	5.5	5.9	5.8	68.9	61.6	61.5
52	Long Branch—Asbury Park	168.2	169.6	168.8	(1)	(1)	(1)	7.4	6.7	6.8	25.3	23.8	23.6
53	New Brunswick—Perth Amboy—Sayreville	296.1	285.1	286.7	(1)	(1)	(1)	11.9	11.4	11.3	91.9	83.0	81.7
54	Newark	950.4	935.6	942.9	.9	.8	.8	33.3	33.1	32.6	245.1	229.0	229.5
55	Paterson—Clifton—Passaic	192.5	184.1	184.9	(1)	(1)	(1)	7.0	6.3	6.1	67.8	64.7	64.2
56	Trenton	163.3	156.9	158.5	(1)	(1)	(1)	3.7	3.8	3.8	33.9	29.0	28.5
57	Vineland—Millville—Bridgeton	54.4	51.6	51.4	(1)	(1)	(1)	2.1	1.7	1.6	17.9	16.2	15.6
58	**NEW MEXICO**	478.6	477.9	477.6	31.4	26.4	26.1	34.2	31.9	31.8	34.6	33.3	33.4
59	Albuquerque	190.2	192.3	191.8	(1)	(1)	(1)	12.0	12.2	12.2	17.8	17.1	17.1
60	Las Cruces	30.9	30.9	32.0	–	–	–	1.7	1.8	1.8	3.0	3.1	3.1

See footnotes at end of table.

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
OCT. 1981	SEP. 1982	OCT. 1982P	OCT. 1981	SEP. 1982	OCT. 1982P	OCT. 1981	SEP. 1982	OCT. 1982P	OCT. 1981	SEP. 1982	OCT. 1982P	OCT. 1981	SEP. 1982	OCT. 1982P	
120.4	118.7	118.3	579.0	586.7	577.1	164.7	169.7	167.0	675.6	678.3	690.9	372.2	355.4	367.4	1
71.0	70.2	69.7	320.7	324.3	325.2	113.4	117.5	116.2	447.3	452.9	465.0	187.4	178.9	185.2	2
3.4	3.4	3.5	15.2	15.4	15.3	2.2	2.2	2.2	10.7	10.8	11.2	11.9	11.1	11.5	3
1.8	1.9	1.9	11.4	12.0	11.9	2.8	3.0	3.0	9.1	9.9	9.5	6.7	5.9	6.1	4
4.9	4.9	4.9	22.2	22.6	22.8	4.4	4.4	4.3	18.9	19.5	19.3	15.5	14.7	15.2	5
3.4	3.2	3.4	16.7	16.7	16.6	2.2	2.2	2.2	13.3	13.6	13.6	11.7	10.8	11.6	6
2.4	2.2	2.2	12.9	12.9	12.7	2.0	2.0	2.0	10.3	10.7	10.7	9.3	8.0	8.9	7
9.4	9.0	8.9	48.5	48.8	48.4	13.4	13.7	13.5	48.9	50.4	49.6	46.3	43.2	46.0	8
7.7	7.9	7.8	36.4	36.7	37.2	10.0	10.6	10.4	36.7	36.5	38.0	23.1	22.5	23.5	9
143.7	135.1	134.3	716.2	690.3	688.9	152.8	151.3	150.5	664.4	667.5	666.7	630.7	591.0	628.2	10
3.4	3.4	3.3	19.9	19.6	19.5	3.9	3.8	3.7	24.2	24.9	24.8	46.6	42.1	46.7	11
2.3	2.2	2.2	10.9	10.7	10.7	4.3	4.3	4.2	11.8	12.0	12.0	12.2	12.2	12.2	12
1.7	1.7	1.7	8.6	9.1	9.2	1.4	1.3	1.3	7.3	7.5	7.3	5.4	5.0	5.1	13
2.2	2.0	2.1	11.7	11.5	11.5	2.0	1.9	1.9	12.4	12.0	12.4	8.7	8.7	8.9	14
76.1	71.2	71.6	359.8	348.9	349.0	87.8	87.4	86.6	353.1	349.6	349.2	243.3	225.3	243.8	15
6.0	6.2	6.2	40.0	38.6	38.2	6.4	6.3	6.3	29.7	29.2	29.7	29.0	30.0	29.6	16
11.2	11.0	11.0	64.5	64.9	64.6	10.9	10.8	10.8	52.6	50.8	52.5	31.3	30.5	30.4	17
5.0	5.1	5.1	10.4	9.5	9.5	1.6	1.6	1.6	9.7	9.8	9.8	8.3	7.9	8.2	18
4.3	4.1	4.1	22.6	22.6	22.4	4.1	4.0	4.0	22.3	22.0	22.0	21.3	20.8	21.1	19
5.5	5.6	5.6	35.9	36.1	36.3	9.3	9.2	9.3	31.1	32.8	32.6	68.6	58.3	64.9	20
3.1	3.1	3.1	12.0	11.8	11.7	1.4	1.4	1.4	10.5	10.5	10.3	10.5	10.2	10.2	21
4.9	4.7	4.7	18.3	18.7	18.5	4.0	3.9	3.9	14.4	15.4	15.3	10.7	11.1	11.3	22
99.3	93.7	93.5	442.4	432.8	425.8	98.1	98.1	97.0	388.5	393.0	392.3	295.7	267.2	282.2	23
6.3	5.0	4.9	15.2	15.1	14.8	2.3	2.1	2.1	14.0	13.7	13.3	12.1	10.9	11.8	24
62.6	59.7	60.1	271.8	264.1	261.2	72.7	72.8	72.2	248.6	252.1	252.6	155.8	140.9	150.0	25
2.0	1.9	1.9	10.5	10.2	10.2	1.5	1.5	1.5	20.1	20.5	20.5	5.4	4.7	4.7	26
3.3	3.1	3.0	13.7	13.3	13.2	1.9	1.9	1.9	10.5	10.0	10.0	11.6	10.6	10.8	27
41.7	40.2	41.0	163.5	163.0	162.5	33.2	32.9	32.9	122.5	120.4	122.0	187.1	161.6	183.7	28
10.1	10.1	10.1	35.0	34.7	34.7	11.2	11.0	11.0	30.8	30.3	30.9	34.9	34.7	34.9	29
138.7	136.3	135.7	468.9	468.4	464.7	108.7	109.4	108.3	410.7	421.8	418.0	331.7	321.4	327.3	30
52.2	48.8	49.2	160.4	151.8	150.6	44.6	43.9	43.7	134.1	132.7	130.0	91.6	88.0	91.5	31
2.1	2.1	2.1	8.6	8.6	8.6	1.9	2.0	1.9	6.7	6.5	6.3	6.3	5.8	5.9	32
72.3	69.3	69.3	228.3	226.6	227.1	57.3	56.8	56.7	225.3	227.0	226.3	134.4	126.1	130.5	33
7.1	7.3	7.2	24.2	23.8	23.7	3.5	3.5	3.5	23.3	20.1	20.3	12.1	11.8	12.0	34
22.6	22.2	22.2	75.6	78.1	77.0	12.8	12.5	12.1	57.8	57.0	56.5	71.8	67.5	67.8	35
4.7	4.5	4.5	16.0	16.8	16.3	2.4	2.5	2.5	11.6	11.4	11.3	7.5	7.7	8.1	36
2.0	2.1	2.1	9.8	9.9	9.9	2.1	2.1	2.0	7.2	7.3	7.3	5.7	5.1	5.2	37
46.5	43.2	43.0	164.7	160.9	161.8	41.2	41.2	41.1	123.6	124.7	124.0	131.7	133.7	133.1	38
7.4	6.8	6.9	22.7	22.3	22.4	7.0	6.9	6.9	17.6	17.3	17.5	28.7	29.9	29.2	39
24.6	22.9	22.8	67.4	65.5	65.8	23.8	23.9	23.9	62.0	61.1	61.0	43.5	42.4	42.4	40
25.4	25.3	25.2	85.8	86.3	86.3	18.6	17.8	17.7	180.3	180.3	179.7	57.9	57.6	57.5	41
14.0	13.9	13.8	48.9	48.7	48.7	13.6	10.2	10.2	110.8	109.2	109.3	27.0	27.3	27.2	42
8.2	8.0	8.0	26.1	26.5	26.6	6.2	5.8	5.7	45.1	46.4	46.5	16.3	16.2	16.2	43
14.7	14.8	14.8	90.8	90.5	89.0	20.7	20.7	20.8	77.1	79.6	77.5	56.0	55.7	56.3	44
4.8	4.8	4.8	20.1	20.3	20.4	6.3	6.3	6.3	15.6	16.1	16.1	8.3	8.6	8.6	45
2.1	2.2	2.2	14.0	14.7	14.8	2.0	2.1	2.0	10.5	11.0	11.0	5.4	5.4	5.6	46
195.5	191.3	191.4	696.1	702.6	695.9	161.7	164.0	163.7	638.1	661.9	655.9	519.2	505.9	521.2	47
4.0	3.9	3.9	19.1	20.0	18.6	5.0	4.7	4.8	40.9	46.9	46.1	16.1	15.5	15.6	48
15.7	15.2	15.1	90.0	89.7	90.0	17.4	17.5	17.5	72.1	75.0	74.7	66.1	66.3	67.3	49
20.7	20.0	20.2	116.3	110.8	111.3	17.8	18.2	18.2	78.4	79.6	81.3	41.7	39.1	41.4	50
25.2	24.1	24.3	46.0	45.5	45.5	8.5	8.5	8.6	32.8	32.7	32.9	40.1	39.6	39.7	51
6.8	6.9	6.8	41.4	44.4	43.9	7.9	8.0	7.8	43.5	45.9	45.0	35.8	33.9	34.9	52
24.0	24.4	24.6	68.2	67.2	68.0	11.6	11.6	11.5	43.3	45.9	45.8	45.3	41.6	43.8	53
75.5	74.8	75.2	182.2	179.6	181.4	65.5	66.6	66.7	204.6	207.6	208.8	143.3	144.1	147.9	54
6.6	6.0	5.9	41.6	38.8	39.4	9.0	8.6	8.9	34.5	34.8	34.8	25.9	24.7	25.6	55
5.3	5.2	5.3	24.3	23.6	24.1	8.5	8.7	8.6	42.6	40.5	41.9	45.1	46.1	46.3	56
3.3	3.0	3.0	8.9	8.8	8.8	2.5	2.6	2.6	8.8	8.7	8.8	10.9	10.6	11.0	57
29.3	29.1	29.2	108.5	111.7	111.6	21.5	22.3	22.2	92.9	96.8	96.1	126.2	126.4	127.2	58
11.9	11.6	11.6	48.6	49.5	49.2	10.9	11.1	11.0	46.1	47.6	48.0	42.9	43.2	42.7	59
1.2	1.3	1.2	5.6	5.8	5.9	1.3	1.2	1.2	4.2	3.9	4.1	13.9	13.8	14.7	60

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

	State and areas	Total			Mining			Construction			Manufacturing		
		OCT. 1981	SEP. 1982	OCT. 1982P	OCT. 1981	SEP. 1982	OCT. 1982P	OCT. 1981	SEP. 1982	OCT. 1982P	OCT. 1981	SEP. 1982	OCT. 1982P
1	**NEW YORK**	7,344.8	7,250.8	7,283.4	6.6	6.4	6.4	228.5	220.2	221.1	1,444.1	1,377.2	1,359.8
2	Albany—Schenectady—Troy	339.2	336.0	336.8	(1)	(1)	(1)	10.2	10.0	9.5	55.2	51.8	51.1
3	Binghamton	119.7	117.0	117.8	(1)	(1)	(1)	4.0	3.9	3.8	43.9	41.9	41.7
4	Buffalo	496.9	472.0	471.6	(1)	(1)	(1)	17.7	15.8	15.6	128.7	112.6	108.5
5	Elmira	37.1	33.9	34.2	(1)	(1)	(1)	1.2	1.2	1.3	11.4	8.7	8.4
6	Monroe County	347.0	341.0	345.3	(1)	(1)	(1)	10.8	10.2	9.9	139.1	138.1	136.2
7	Nassau—Suffolk	926.7	928.8	935.1	(1)	(1)	(1)	37.0	35.9	36.0	168.6	165.1	165.0
8	New York—Northeastern New Jersey	6,815.0	6,747.0	(*)	2.3	2.2	(*)	216.7	210.8	(*)	1,331.5	1,268.5	(*)
9	New York and Nassau—Suffolk	4,752.4	4,738.4	4,761.1	1.9	1.8	1.8	142.9	138.8	141.1	748.4	724.6	719.4
10	New York SMSA	3,825.7	3,809.5	3,825.9	1.7	1.6	1.6	105.8	103.0	105.0	579.8	559.5	554.5
11	New York City	3,371.0	3,357.0	3,373.5	1.4	1.4	1.3	85.4	82.5	84.4	487.9	471.9	467.9
12	Poughkeepsie	101.9	102.3	102.9	(1)	(1)	(1)	2.9	2.9	2.7	33.1	34.0	33.7
13	Rochester	426.1	417.0	421.8	(1)	(1)	(1)	12.9	12.2	11.8	160.7	158.0	156.0
14	Rockland County	82.5	82.9	82.9	(1)	(1)	(1)	2.9	3.0	3.1	16.0	15.4	15.4
15	Syracuse	261.0	255.2	257.0	(1)	(1)	(1)	10.3	10.5	10.2	59.3	56.0	54.9
16	Utica—Rome	115.2	112.5	113.1	(1)	(1)	(1)	2.8	2.9	2.9	30.1	27.4	26.9
17	Westchester County	359.8	356.9	356.4	(1)	(1)	(1)	16.7	16.7	16.8	74.6	71.9	69.9
18	**NORTH CAROLINA**	2,407.2	2,394.3	2,350.0	4.7	4.7	4.6	116.7	105.2	104.2	818.2	773.7	767.6
19	Asheville	72.5	71.9	71.0	(1)	(1)	(1)	3.3	3.0	2.8	21.8	20.6	20.4
20	Charlotte—Gastonia	342.1	331.6	331.8	(1)	(1)	(1)	18.9	17.4	17.2	95.1	91.2	90.9
21	Greensboro—Winston-Salem—High Pt	393.5	380.7	381.7	(1)	(1)	(1)	17.5	15.7	15.6	148.9	140.5	139.4
22	Raleigh—Durham	279.9	275.2	278.2	(1)	(1)	(1)	14.0	12.9	12.8	45.7	44.5	44.4
23	**NORTH DAKOTA**	256.5	254.0	255.1	11.7	9.6	9.3	18.1	18.2	17.9	16.4	15.6	15.1
24	Fargo—Moorhead	63.3	61.8	63.7	(2)	(2)	(2)	3.5	3.4	3.4	4.8	4.8	4.8
25	**OHIO**	4,363.4	4,217.3	4,209.1	31.8	32.7	32.2	166.2	153.7	153.5	1,232.0	1,114.0	1,090.5
26	Akron	263.2	255.7	255.2	(*)	(*)	(*)	8.6	7.9	8.0	76.1	69.6	69.0
27	Canton	158.9	153.3	152.4	(*)	(*)	(*)	5.7	5.4	5.4	56.0	49.8	48.8
28	Cincinnati	597.9	588.9	588.3	(*)	(*)	(*)	23.5	22.2	22.2	158.4	151.1	150.6
29	Cleveland	885.3	856.9	855.1	(*)	(*)	(*)	29.6	27.5	27.7	248.7	227.7	223.0
30	Columbus	515.4	505.4	512.5	(*)	(*)	(*)	19.4	18.1	17.9	93.6	88.3	88.2
31	Dayton	356.9	348.0	347.8	(*)	(*)	(*)	12.3	11.5	11.5	98.1	89.7	87.7
32	Toledo	295.3	287.5	289.0	(*)	(*)	(*)	12.6	11.0	11.2	74.1	69.1	67.2
33	Youngstown—Warren	201.6	187.4	186.9	(*)	(*)	(*)	6.9	6.3	6.1	68.8	55.1	54.9
34	**OKLAHOMA**	1,212.8	1,203.3	1,196.6	100.3	90.7	87.1	53.9	57.4	55.2	201.8	172.9	173.3
35	Enid	26.9	25.7	25.6	3.2	2.7	2.5	1.3	1.3	1.4	3.0	2.2	2.2
36	Lawton	29.8	29.4	30.0	(1)	(1)	(1)	1.3	1.5	1.5	3.2	3.1	3.1
37	Oklahoma City	490.5	495.9	496.0	27.9	29.0	29.1	22.1	23.0	22.2	57.1	51.2	53.1
38	Tulsa	326.5	323.7	321.5	27.2	28.4	28.2	16.2	17.2	16.8	69.2	59.8	59.1
39	**OREGON**	1,023.0	975.3	973.8	2.5	2.6	2.4	37.4	33.1	30.5	204.9	197.8	192.2
40	Eugene—Springfield	100.7	94.3	95.1	(1)	(1)	(1)	3.8	2.9	2.7	18.1	18.0	17.1
41	Jackson County	–	–	–	–	–	–	–	–	–	7.0	6.5	6.5
42	Portland	544.6	518.4	(*)	(1)	(1)	(*)	21.7	19.5	(*)	107.4	99.9	(*)
43	Salem	89.7	90.4	88.4	(1)	(1)	(1)	3.3	3.1	3.0	16.2	17.6	15.8
44	**PENNSYLVANIA**	4,733.8	4,487.0	4,486.7	50.0	43.4	42.8	195.6	171.0	168.2	1,295.6	1,139.5	1,119.0
45	Allentown—Bethlehem—Easton	265.5	250.0	248.5	(1)	(1)	(1)	8.6	7.4	7.2	104.0	92.1	91.3
46	Altoona	45.9	48.4	46.2	(1)	(1)	(1)	2.1	2.2	2.2	12.9	12.1	11.3
47	Delaware Valley	1,561.5	1,537.0	1,545.3	(1)	(1)	(1)	61.2	56.3	54.8	357.1	330.0	326.8
48	Erie	111.5	104.9	104.2	(1)	(1)	(1)	3.4	3.2	3.2	41.3	38.1	36.8
49	Harrisburg	226.4	223.5	222.5	(1)	(1)	(1)	8.3	7.5	7.2	41.4	40.0	39.3
50	Johnstown	82.7	75.5	74.9	8.4	6.7	6.6	3.0	2.3	2.3	16.7	13.7	13.0
51	Lancaster	155.9	148.5	149.0	(1)	(1)	(1)	6.5	6.2	6.3	59.7	55.4	54.3
52	Northeast Pennsylvania	240.3	227.7	229.4	1.2	1.1	1.0	12.1	9.8	10.2	68.4	62.0	62.3
53	Philadelphia SMSA	1,907.4	1,880.7	1,889.6	(1)	(1)	(1)	75.6	70.2	68.9	429.4	395.9	392.6
54	Philadelphia City	752.6	753.6	757.4	(1)	(1)	(1)	19.8	18.9	18.3	130.4	119.9	120.0
55	Pittsburgh	847.6	864.7	859.5	9.7	9.3	9.5	50.9	44.2	43.3	233.5	180.0	175.6
56	Reading	142.2	134.5	134.5	(1)	(1)	(1)	5.4	3.9	3.8	54.2	51.0	49.9
57	Williamsport	46.5	44.6	44.8	(1)	(1)	(1)	1.3	1.4	1.4	15.9	14.5	14.7
58	York	158.5	149.2	147.1	(1)	(1)	(1)	7.0	6.6	6.6	66.6	59.4	57.4
59	**RHODE ISLAND**	406.1	394.7	394.6	(1)	(1)	(1)	13.3	12.5	12.6	127.8	118.8	119.0
60	Providence—Warwick—Pawtucket	412.9	398.6	398.5	(1)	(1)	(1)	13.5	12.4	12.5	141.8	131.3	131.3
61	**SOUTH CAROLINA**	1,201.0	1,173.8	1,180.1	(1)	(1)	(1)	71.1	65.7	65.6	386.7	358.6	356.5
62	Charleston—North Charleston	153.0	153.1	153.0	(1)	(1)	(1)	9.7	10.5	10.5	20.8	18.6	17.7
63	Columbia	181.0	177.6	178.8	(1)	(1)	(1)	8.7	8.5	8.8	27.1	25.1	25.1
64	Greenville—Spartanburg	268.2	260.2	259.1	(1)	(1)	(1)	16.6	15.0	14.2	101.4	94.1	93.7

See footnotes at end of table.

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
OCT. 1981	SEP. 1982	OCT. 1982P	OCT. 1981	SEP. 1982	OCT. 1982P	OCT. 1981	SEP. 1982	OCT. 1982P	OCT. 1981	SEP. 1982	OCT. 1982P	OCT. 1981	SEP. 1982	OCT. 1982P	
452.1	427.0	425.1	1,477.1	1,469.0	1,471.5	658.2	672.9	670.9	1,812.9	1,821.9	1,837.0	1,285.6	1,256.3	1,291.2	1
15.7	15.3	15.2	68.6	68.6	68.1	15.9	16.2	16.1	74.6	75.3	76.9	98.9	98.9	100.3	2
4.7	4.7	4.7	21.2	21.6	21.5	4.2	4.2	4.1	19.6	19.5	19.6	22.0	21.2	22.3	3
26.7	25.4	25.2	110.3	109.5	109.5	22.4	22.5	22.5	107.9	106.6	107.2	83.3	79.7	83.1	4
1.3	1.3	1.3	8.7	8.8	8.7	1.2	1.1	1.1	7.2	7.0	7.3	6.2	5.8	6.1	5
10.3	10.2	10.2	60.6	60.2	62.3	14.2	14.6	14.4	72.2	71.4	73.1	39.7	38.2	39.1	6
41.8	43.6	43.8	240.2	243.6	243.3	52.9	53.0	52.7	217.1	225.3	224.5	169.1	162.4	169.9	7
472.1	466.8	(*)	1,413.5	1,395.1	(*)	664.1	678.2	(*)	1,669.6	1,698.3	(*)	1,649.3	1,627.1	(*)	8
320.1	318.1	317.9	959.2	952.8	955.6	551.7	564.6	563.1	1,275.1	1,296.5	1,304.4	753.1	741.0	757.8	9
278.3	274.5	274.1	718.9	709.2	712.4	495.8	514.6	513.3	1,058.2	1,071.5	1,080.1	564.1	578.6	588.0	10
254.6	251.1	250.7	613.3	604.1	607.1	476.2	488.7	487.7	945.4	956.7	965.1	506.7	501.6	509.7	11
2.9	2.9	2.9	16.5	16.9	16.8	2.9	3.2	3.0	19.7	19.6	20.0	23.9	23.0	23.7	12
12.8	12.6	12.6	78.5	78.6	80.6	15.7	16.1	16.0	84.4	83.7	85.2	61.1	55.7	59.6	13
3.4	3.4	3.4	18.0	18.3	18.2	2.8	2.8	2.8	18.5	19.0	19.2	21.0	21.0	20.9	14
14.5	14.7	14.7	57.2	56.6	56.7	16.1	16.6	16.6	55.6	54.9	56.1	47.7	45.7	47.7	15
4.0	4.1	4.0	22.6	23.0	22.8	5.6	5.6	5.6	21.6	21.4	22.0	28.6	28.2	28.9	16
19.7	19.4	19.4	84.6	83.8	84.0	19.4	19.5	19.4	91.5	92.9	93.0	53.2	52.6	54.0	17
118.3	115.8	116.1	476.8	476.3	473.1	98.2	99.1	99.5	355.9	364.7	365.7	418.3	410.4	419.2	18
3.7	3.5	3.5	16.0	16.3	16.2	2.4	2.4	2.3	13.1	13.6	13.3	12.2	12.5	12.5	19
31.9	31.0	31.0	82.1	79.0	78.6	21.5	21.6	21.5	55.0	54.9	55.5	37.6	36.5	37.1	20
21.5	21.1	21.3	78.2	77.0	77.6	19.0	18.9	18.9	60.8	61.2	61.0	47.6	46.3	47.9	21
13.5	14.3	14.3	53.7	52.7	53.1	15.9	15.8	15.6	60.1	59.8	60.9	77.0	75.2	77.1	22
17.4	16.8	17.1	66.7	67.5	67.0	11.8	12.0	12.0	52.9	54.9	55.0	61.5	59.4	61.7	23
4.0	3.7	3.8	18.8	19.2	19.1	3.9	3.9	3.9	14.7	14.3	15.2	13.6	12.5	13.5	24
221.2	213.6	212.9	953.0	941.5	937.1	238.0	206.9	206.1	870.0	904.1	901.3	683.2	650.8	675.5	25
14.1	13.5	13.4	58.0	58.5	58.2	9.1	9.2	9.2	52.6	54.0	53.4	44.1	42.3	43.4	26
7.2	6.9	7.0	33.2	33.8	33.4	6.3	6.6	6.5	30.3	31.2	31.1	18.8	18.1	18.7	27
33.5	32.7	32.5	140.4	138.2	137.9	32.6	32.3	32.2	125.9	132.0	130.4	83.3	79.9	81.9	28
45.9	44.3	44.2	200.0	196.3	196.2	47.9	48.0	47.6	194.8	199.4	200.0	117.1	112.5	115.2	29
24.7	23.7	23.6	122.1	121.5	122.1	39.8	41.5	41.5	111.1	114.3	115.3	104.0	97.0	103.0	30
13.9	13.1	13.0	73.6	72.7	72.7	13.7	14.1	14.0	75.6	78.8	79.0	69.8	67.7	69.4	31
19.4	19.1	19.0	66.8	65.3	65.4	10.5	10.8	10.8	65.1	67.3	68.0	46.2	44.3	46.8	32
9.4	9.0	9.0	43.9	44.0	43.5	7.2	7.4	7.3	39.3	41.1	40.4	25.3	23.6	24.8	33
68.5	67.5	67.7	284.7	292.0	290.4	58.9	61.8	61.9	203.6	217.5	214.4	241.1	243.5	246.6	34
2.7	2.8	2.7	7.2	7.1	7.1	1.2	1.2	1.2	4.5	4.6	4.6	3.8	3.8	3.9	35
1.3	1.4	1.4	7.4	7.2	7.2	1.2	1.3	1.3	4.8	4.6	4.6	10.6	10.3	10.9	36
24.5	25.4	25.5	107.2	112.4	111.4	26.4	28.2	28.0	73.7	80.1	79.5	91.6	96.6	97.2	37
23.7	24.2	24.2	74.0	74.5	74.4	16.0	16.2	16.0	64.7	67.6	67.0	35.5	35.4	35.8	38
60.1	56.5	56.6	254.9	248.8	245.4	67.2	64.2	64.0	191.6	186.5	185.2	204.4	187.8	197.5	39
4.8	4.7	4.8	25.3	23.5	23.5	5.4	5.3	5.2	19.6	19.7	19.6	23.7	19.8	22.2	40
–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	41
36.8	35.3	(*)	142.2	139.4	(*)	45.0	44.4	(*)	111.8	104.9	(*)	79.7	75.0	(*)	42
2.8	2.8	2.8	19.1	18.7	18.1	5.7	5.6	5.5	16.0	15.9	16.1	26.6	26.7	27.1	43
260.5	243.7	240.8	997.2	962.1	963.6	240.0	241.6	240.2	1,026.8	1,023.1	1,028.2	668.1	662.6	683.9	44
14.1	13.5	13.5	53.0	50.1	50.1	9.7	9.5	9.5	47.3	48.0	47.4	29.1	29.4	29.5	45
6.2	5.9	5.1	10.7	10.5	10.1	1.5	1.5	1.5	9.0	8.7	8.8	7.5	7.5	7.2	46
82.2	77.8	78.2	333.2	324.7	329.8	111.8	113.1	112.9	419.1	412.3	418.1	196.9	222.8	224.7	47
5.0	4.5	4.5	21.5	21.4	21.3	4.8	4.6	4.8	23.2	22.3	22.5	12.3	10.8	11.1	48
16.8	16.2	16.0	45.2	44.6	44.6	12.7	12.8	12.9	41.4	43.2	42.1	60.6	59.2	60.4	49
4.9	4.7	4.8	15.6	15.1	14.8	4.1	4.0	4.0	15.8	16.0	15.9	14.2	13.0	13.5	50
6.6	5.9	5.7	34.0	33.6	34.2	6.0	6.0	6.0	28.0	28.6	28.8	15.1	12.8	13.7	51
13.1	12.5	12.5	50.3	48.2	48.7	9.9	10.6	10.5	47.9	49.6	49.8	37.4	33.9	34.4	52
97.3	93.0	93.3	423.1	414.4	419.7	129.1	130.6	130.3	490.1	487.4	492.8	262.8	289.2	292.0	53
51.7	48.6	48.9	145.1	139.8	142.7	66.3	65.6	65.6	228.4	219.3	224.3	110.9	141.5	137.6	54
55.8	50.6	50.3	212.1	207.6	206.4	46.1	47.1	46.7	223.4	220.5	221.0	116.1	105.7	106.7	55
6.5	6.6	6.6	28.7	28.6	28.6	6.5	6.4	6.3	24.0	24.2	24.5	16.9	15.8	16.8	56
2.3	2.1	2.2	10.0	9.7	9.7	2.2	2.2	2.1	8.3	8.5	8.4	6.5	6.2	6.3	57
7.6	7.4	7.2	33.4	32.8	32.6	9.1	8.9	8.9	22.1	22.5	22.1	17.7	16.6	17.3	58
13.4	13.5	13.4	82.7	79.9	79.4	21.0	21.2	21.3	89.6	91.2	91.2	58.3	57.6	57.7	59
13.3	13.3	13.3	81.9	78.9	78.3	20.9	21.1	21.0	85.6	87.0	87.2	55.9	54.6	54.9	60
53.9	54.2	54.3	232.5	238.6	237.5	50.2	52.3	52.1	169.9	175.5	176.5	236.7	228.9	237.6	61
8.9	8.7	8.9	33.4	33.8	33.4	6.7	7.2	7.1	26.5	28.7	28.9	47.0	45.6	46.5	62
9.5	9.8	9.7	37.3	36.9	36.7	14.4	14.8	14.9	28.5	27.9	27.9	55.5	54.6	55.7	63
10.1	9.2	9.2	55.0	55.1	55.0	13.1	10.4	10.4	38.8	40.0	39.9	36.2	36.4	36.7	64

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

	State and areas	Total			Mining			Contract Construction			Manufacturing		
		OCT. 1981	SEP. 1982	OCT. 1982P	OCT. 1981	SEP. 1982	OCT. 1982P	OCT. 1981	SEP. 1982	OCT. 1982P	OCT. 1981	SEP. 1982	OCT. 1982P
1	SOUTH DAKOTA	237.7	232.6	233.1	3.0	1.5	2.7	10.8	9.3	9.1	26.1	25.1	24.8
2	Sioux Falls	54.9	55.0	55.5	(2)	(2)	(2)	2.6	2.9	3.0	7.4	7.2	7.1
3	TENNESSEE	1,756.3	1,709.0	1,706.1	10.6	11.2	11.2	79.9	82.3	82.1	511.6	476.3	470.6
4	Chattanooga	169.0	164.9	164.4	1.1	1.4	1.3	5.9	6.0	6.0	48.9	45.5	44.9
5	Knoxville	202.6	202.4	202.3	1.6	1.5	1.5	10.2	9.2	9.1	51.2	48.0	47.5
6	Memphis	359.4	350.1	349.4	.2	.2	.2	14.2	14.0	13.7	58.7	54.2	54.0
7	Nashville—Davidson	363.5	348.4	349.2	(1)	(1)	(1)	17.1	16.7	16.6	83.6	75.9	75.2
8	TEXAS	6,244.7	6,211.0	6,196.3	301.2	287.4	282.5	436.3	440.3	438.6	1,118.1	1,025.2	1,011.4
9	Dallas—Fort Worth	1,530.9	1,554.4	1,555.7	31.0	33.4	33.0	78.9	83.6	82.6	331.2	311.9	310.9
10	Houston	1,582.9	1,533.2	1,532.8	103.3	93.2	93.3	151.9	140.0	140.9	266.2	243.9	241.3
11	San Antonio	413.0	411.5	412.9	3.3	3.5	3.4	26.8	27.5	27.4	52.4	48.7	48.5
12	UTAH	567.9	564.6	563.8	21.4	18.3	18.2	30.1	28.1	28.0	91.1	87.5	86.5
13	Salt Lake City—Ogden	397.8	394.6	394.3	8.1	6.0	5.9	19.8	17.7	17.6	62.1	60.0	59.6
14	VERMONT	209.2	203.5	204.5	.7	.6	.6	11.6	11.5	11.4	50.7	49.2	48.9
15	Burlington [1]	60.6	59.9	60.5	–	–	–	–	–	–	15.9	15.5	15.5
16	Springfield	14.6	14.0	14.1	–	–	–	–	–	–	6.1	5.2	5.2
17	VIRGINIA	2,175.4	2,172.3	2,172.2	23.6	22.0	21.7	116.5	108.2	107.7	411.9	400.5	399.1
18	Bristol	27.3	27.3	26.9	(1)	(1)	(1)	.9	.7	.7	9.3	8.9	8.5
19	Lynchburg	71.0	68.8	68.1	(1)	(1)	(1)	2.8	2.7	2.6	28.9	26.6	26.6
20	Newport News—Hampton	151.7	155.6	155.0	(1)	(1)	(1)	6.7	6.4	6.2	33.9	36.3	36.6
21	Norfolk—Virginia Beach—Portsmouth	291.3	292.1	292.9	(1)	(1)	(1)	17.5	17.5	17.6	30.0	28.6	28.4
22	Northern Virginia [3]	466.7	473.6	476.1	.4	.4	.4	28.6	26.6	26.6	20.3	21.9	22.1
23	Petersburg—Colonial Hgts.—Hopewell	44.8	45.3	45.0	(1)	(1)	(1)	1.8	2.1	2.2	10.3	9.8	9.1
24	Richmond	327.3	328.5	327.9	.3	.3	.2	17.7	17.1	17.0	56.3	54.0	54.2
25	Roanoke	101.8	101.9	101.3	.2	.2	.1	4.5	4.6	4.6	20.6	20.1	19.8
26	WASHINGTON	1,555.0	1,574.9	1,566.3	3.2	3.0	3.0	87.9	78.2	76.5	303.5	292.2	288.0
27	Seattle—Everett	771.8	(4)	(4)	(1)	(4)	(4)	37.6	(4)	(4)	166.6	(4)	(4)
28	Spokane	125.6	(4)	(4)	(1)	(4)	(4)	5.8	(4)	(4)	15.8	(4)	(4)
29	Tacoma	140.1	(4)	(4)	(1)	(4)	(4)	7.0	(4)	(4)	21.6	(4)	(4)
30	WEST VIRGINIA	636.9	598.5	596.8	67.0	55.2	52.4	29.8	25.6	25.1	111.5	97.5	96.4
31	Charleston	111.3	108.5	108.2	6.8	5.7	5.6	6.0	5.0	4.9	16.7	16.2	16.1
32	Huntington—Ashland	103.5	97.6	97.6	1.2	1.2	1.2	5.1	4.2	4.2	24.8	21.5	21.0
33	Parkersburg—Marietta	58.7	57.1	56.5	1.4	1.4	1.4	3.3	3.0	3.0	16.5	15.4	15.0
34	Wheeling	64.3	61.4	61.1	4.4	4.7	4.3	2.8	2.4	2.3	11.9	9.2	8.9
35	WISCONSIN	1,943.4	1,882.6	1,875.3	2.2	2.1	2.1	64.9	55.5	55.7	539.7	503.8	489.0
36	Appleton—Oshkosh	127.2	121.1	122.3	(1)	(1)	(1)	5.0	4.7	4.5	47.4	43.8	43.0
37	Eau Claire	49.5	47.8	48.0	(1)	(1)	(1)	1.8	1.2	1.2	9.0	8.7	8.5
38	Green Bay	80.2	80.0	80.0	(1)	(1)	(1)	3.2	3.3	3.4	22.4	22.0	21.8
39	Janesville—Beloit	49.4	49.2	49.3	(1)	(1)	(1)	1.2	1.1	1.2	17.4	17.4	17.2
40	Kenosha	37.7	43.1	42.4	(1)	(1)	(1)	1.5	1.5	1.6	12.0	17.6	17.0
41	La Crosse	46.5	45.7	45.7	(1)	(1)	(1)	1.6	1.1	1.0	10.4	10.1	9.9
42	Madison	175.3	170.8	171.8	(1)	(1)	(1)	6.5	5.1	5.2	20.9	19.8	19.2
43	Milwaukee	663.5	626.0	627.7	(1)	(1)	(1)	18.8	15.6	15.3	195.0	167.2	165.8
44	Racine	66.7	61.7	61.3	(1)	(1)	(1)	1.5	1.7	1.6	27.3	23.0	22.6
45	WYOMING	221.1	218.2	215.8	39.6	39.6	39.6	19.6	18.0	17.4	12.2	10.1	10.7
46	Casper	41.2	38.1	37.4	8.0	5.9	5.7	3.5	4.5	4.5	2.1	1.3	1.2
47	Cheyenne	31.1	29.9	29.8	(1)	(1)	(1)	1.9	1.6	1.7	1.4	1.4	1.4
48	PUERTO RICO	656.2	613.1	624.5	.8	.7	.6	29.3	20.5	21.4	151.7	138.7	140.0
49	Caguas	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
50	Mayaguez	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
51	Ponce	(4)	(4)	(4)	(4)	(4)	(4)	2.0	2.1	2.0	(4)	(4)	(4)
52	San Juan	(4)	(4)	(4)	(1)	(1)	(1)	20.9	14.7	15.1	(4)	(4)	(4)
53	VIRGIN ISLANDS	36.0	34.7	34.6	(2)	(2)	(2)	3.6	3.2	3.1	2.9	2.6	2.6

[1] Combined with services.
[2] Combined with construction.
[3] Revised to 1981 benchmark; not strictly comparable with previously published data.
[4] Area included in Chicago—Gary Standard Consolidated Statistical Area.
[5] Subarea Baltimore Standard Metropolitan Statistical Area.
[6] Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.
[7] Subarea of New York—Northeastern New Jersey.
[8] Subarea of Rochester Standard Metropolitan Statistical Area.
[9] Area included in New York and Nassau—Suffolk combined SMSA's.
[10] Subarea of New York Standard Metropolitan Statistical Area.
[11] Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Bucks, Chester, Delaware, Montgomery, Philadelphia Counties, Pennsylvania.
[12] Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Philadelphia County.
[13] Total includes data for industry divisions not shown separately.
[14] Subarea of Washington, D.C. Standard Metropolitan Statistical Area: Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park cities, and Arlington, Fairfax, Loudoun, and Prince William Counties, Virginia.

p = preliminary.
*Not available.

SOURCE: Cooperating State agencies listed on inside back cover.

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
OCT. 1981	SEP. 1982	OCT. 1982P	OCT. 1981	SEP. 1982	OCT. 1982P	OCT. 1981	SEP. 1982	OCT. 1982P	OCT. 1981	SEP. 1982	OCT. 1982P	OCT. 1981	SEP. 1982	OCT. 1982P	
12.9	12.8	12.9	64.6	63.5	62.0	11.4	11.7	11.7	52.2	51.9	51.8	56.7	56.8	58.1	1
4.5	4.5	4.4	15.8	15.4	15.6	3.5	3.7	3.7	14.2	14.4	14.7	6.9	6.9	7.0	2
85.8	82.1	82.6	374.2	363.7	362.5	77.8	76.0	75.9	312.8	325.9	327.1	303.6	291.5	294.1	3
7.7	7.3	7.2	34.1	34.0	33.9	9.8	9.8	9.8	29.3	27.9	28.1	32.2	33.0	33.2	4
8.3	7.7	8.0	44.2	44.3	44.1	8.5	9.0	9.0	33.7	37.0	36.4	44.9	45.7	46.7	5
27.5	26.0	25.9	96.5	95.0	95.2	20.1	20.2	20.2	75.6	78.0	77.5	64.4	62.5	62.7	6
20.6	19.1	19.0	78.8	79.1	78.7	24.6	23.7	23.7	78.2	74.7	76.6	60.6	59.2	59.4	7
391.1	383.9	383.3	1,542.0	1,572.8	1,572.0	349.3	359.0	358.2	1,106.6	1,137.2	1,137.9	1,000.1	1,005.2	1,012.2	8
99.4	96.4	96.4	405.1	420.7	422.1	116.3	120.5	120.1	285.7	306.0	307.2	183.3	181.9	183.4	9
109.1	106.4	106.1	382.2	371.0	371.1	93.3	98.1	97.7	307.6	309.5	308.4	169.3	171.1	174.0	10
19.3	18.8	18.8	103.5	103.8	102.9	27.3	28.2	28.3	85.3	85.9	86.5	95.1	95.1	96.6	11
35.2	36.9	36.5	132.2	130.9	130.2	26.4	27.1	27.1	106.0	111.4	111.6	125.7	124.5	125.6	12
27.4	28.7	28.5	96.5	96.6	96.6	21.3	22.0	22.0	71.3	75.4	75.1	89.3	88.2	89.1	13
8.7	8.7	8.7	43.0	44.0	43.8	8.2	8.3	8.2	43.9	45.6	45.4	37.4	35.6	37.5	14
2.4	2.4	2.4	12.6	12.7	12.7	-	-	-	12.4	12.8	12.8	-	-	-	15
.6	.7	.7	2.2	2.3	2.3	-	-	-	2.6	2.7	2.7	-	-	-	16
118.0	117.2	116.2	471.1	477.1	479.7	106.5	107.6	106.3	418.9	430.0	428.9	509.0	509.8	512.6	17
1.1	1.2	1.2	6.5	7.1	7.1	.9	.9	.9	3.5	3.7	3.6	5.2	4.8	4.8	18
2.7	2.6	2.6	12.0	12.4	12.3	3.3	3.3	3.3	11.0	11.4	11.0	10.2	9.7	9.8	19
5.0	5.3	5.3	29.4	30.1	30.2	4.8	4.9	4.8	31.5	32.6	32.0	40.3	40.1	40.0	20
19.8	20.0	20.1	71.5	71.6	71.6	15.0	15.1	15.1	58.6	62.0	60.6	78.9	77.3	79.5	21
31.6	32.0	32.0	112.6	114.8	114.8	29.2	29.5	29.4	125.0	128.3	128.8	119.0	120.3	122.1	22
1.3	1.2	1.2	8.8	9.3	9.4	1.2	1.2	1.3	6.9	7.4	7.4	14.6	14.3	14.5	23
19.9	19.7	19.7	76.0	77.7	77.8	20.1	20.2	20.0	60.1	62.1	61.4	71.0	71.5	71.7	24
9.7	9.8	9.5	24.9	25.4	25.5	6.1	6.0	5.9	20.8	20.9	20.9	15.1	15.0	15.0	25
89.2	87.8	86.7	387.3	387.6	383.4	91.9	91.9	91.2	317.7	326.9	321.5	318.3	307.3	316.0	26
51.0	(*)	(*)	186.7	(*)	(*)	57.7	(*)	(*)	156.2	(*)	(*)	116.0	(*)	(*)	27
8.0	(*)	(*)	35.7	(*)	(*)	7.7	(*)	(*)	30.7	(*)	(*)	21.9	(*)	(*)	28
6.3	(*)	(*)	33.4	(*)	(*)	6.9	(*)	(*)	32.3	(*)	(*)	32.6	(*)	(*)	29
42.3	41.2	40.8	132.3	129.4	129.4	22.0	21.9	21.8	102.6	102.5	102.8	129.4	125.3	128.1	30
9.4	9.3	9.2	26.4	26.1	26.2	5.1	5.1	5.0	20.9	21.4	21.3	19.9	19.6	19.7	31
9.8	8.9	8.8	24.5	24.0	24.1	3.7	3.5	3.5	15.5	15.9	15.7	18.9	18.3	19.1	32
2.4	2.4	2.4	12.9	13.1	12.8	2.1	2.0	2.0	10.3	10.1	10.2	9.8	9.7	9.7	33
3.6	3.6	3.6	15.2	15.3	15.2	2.8	2.8	2.8	13.9	14.2	14.4	9.6	9.2	9.5	34
93.0	87.8	88.5	442.1	434.5	435.6	96.5	97.6	97.5	381.1	389.4	388.9	323.8	311.9	318.0	35
4.4	4.2	4.3	26.9	25.3	26.2	5.6	5.8	5.7	21.7	22.0	22.0	15.2	15.4	16.5	36
2.7	2.7	2.7	13.2	12.5	13.0	1.7	1.7	1.7	10.1	9.8	9.8	11.1	10.9	11.1	37
6.0	6.2	6.2	20.1	20.2	19.9	2.6	2.6	2.6	15.7	15.8	16.0	10.2	9.9	10.0	38
2.2	2.6	2.5	11.0	10.8	10.7	1.4	1.4	1.4	9.1	9.1	9.3	6.9	6.8	7.0	39
1.4	1.3	1.3	8.4	8.1	8.1	1.0	1.0	1.0	7.8	7.7	7.6	5.7	5.9	5.9	40
2.2	1.9	1.9	12.1	12.1	12.2	1.1	1.1	1.1	11.3	12.1	12.2	7.8	7.3	7.5	41
6.4	6.5	6.5	37.6	37.5	38.1	13.5	13.7	13.6	33.6	33.9	34.5	56.9	54.4	54.8	42
34.6	33.1	33.0	142.7	138.9	138.9	40.6	40.9	40.9	148.6	150.4	151.5	83.3	79.9	82.3	43
2.3	2.4	2.4	13.4	13.0	13.1	2.3	2.3	2.3	11.1	11.2	11.1	8.7	8.1	8.2	44
17.7	16.9	17.1	49.9	48.7	48.0	7.5	7.4	7.4	31.2	32.5	30.5	43.4	45.0	45.1	45
2.8	2.4	2.5	10.9	9.7	9.7	1.8	1.8	1.8	5.8	5.2	5.1	6.3	7.3	6.9	46
4.5	3.9	3.6	7.2	7.5	7.5	1.6	1.5	1.5	5.6	5.2	5.0	8.9	8.8	9.1	47
15.9	14.0	14.6	109.8	102.0	102.4	27.9	27.7	27.6	86.2	82.1	83.4	234.5	227.6	234.4	48
(*)	(*)	(*)	4.9	4.4	4.5	(*)	(*)	(*)	(*)	(*)	(*)	9.6	9.4	9.7	49
(*)	(*)	(*)	5.5	5.2	5.3	(*)	(*)	(*)	(*)	(*)	(*)	13.3	13.4	13.6	50
(*)	(*)	(*)	7.2	6.6	6.7	(*)	(*)	(*)	6.5	6.5	6.6	17.1	17.3	18.0	51
12.2	11.1	11.8	70.2	64.9	64.9	21.4	21.0	21.0	60.2	57.8	58.8	121.7	118.9	121..	52
2.0	2.0	2.0	7.2	6.7	6.7	1.6	1.6	1.6	5.4	5.2	5.3	13.3	13.4	13.3	53

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C-1. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division, 1961 to date

Year and month	Average												
	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Hourly earnings excl overtime
	Total private			Mining			Construction			Manufacturing			
1961	82.60	38.6	2.14	100.92	42.5	2.94	118.08	39.9	3.23	92.34	39.8	2.32	2.25
1962	85.91	38.7	2.22	110.70	41.3	2.70	122.47	37.0	3.31	96.56	40.4	2.39	2.31
1963	88.46	38.8	2.28	114.43	41.6	2.75	127.19	37.3	3.41	99.23	40.5	2.45	2.37
1964	91.33	38.7	2.36	117.74	41.9	2.81	132.36	37.2	3.55	102.97	40.7	2.53	2.43
1965	95.45	38.8	2.46	123.52	42.3	2.92	138.38	37.4	3.73	107.53	41.2	2.61	2.50
1966	98.82	38.6	2.56	130.24	42.7	3.05	146.26	37.6	3.89	112.16	41.4	2.71	2.59
1967	101.84	38.0	2.68	135.89	42.6	3.19	154.95	37.7	4.11	114.49	40.6	2.82	2.71
1968	107.73	37.8	2.85	142.71	42.6	3.35	164.49	37.3	4.41	122.51	40.7	3.01	2.88
1969	114.61	37.7	3.04	154.30	43.0	3.60	181.54	37.9	4.79	129.51	40.6	3.19	3.05
1970	119.83	37.1	3.23	164.42	42.7	3.85	195.45	37.3	5.24	133.33	39.8	3.35	3.23
1971	127.31	36.9	3.45	172.14	42.4	4.06	211.67	37.2	5.69	142.44	39.7	3.57	3.45
1972	136.90	37.0	3.70	189.14	42.6	4.44	221.19	36.5	6.06	154.71	40.5	3.82	3.66
1973	145.39	36.9	3.94	201.40	42.4	4.75	235.89	36.8	6.41	165.48	40.7	4.09	3.91
1974	154.76	36.5	4.24	219.14	41.9	5.23	248.25	36.6	6.81	176.80	40.0	4.42	4.25
1975	163.53	36.1	4.53	249.31	41.9	5.95	266.08	36.4	7.31	192.79	39.5	4.83	4.67
1976	175.45	36.1	4.86	273.93	42.4	6.46	283.73	36.8	7.71	203.32	40.1	5.22	5.02
1977	188.00	36.0	5.25	301.23	43.4	6.94	295.65	36.5	8.12	228.90	40.3	5.68	5.44
1978	203.70	35.8	5.69	332.88	43.4	7.67	318.69	36.8	8.66	249.27	40.4	6.17	5.91
1979	219.91	35.7	6.16	365.07	43.0	8.49	342.99	37.0	9.27	269.34	40.2	6.70	6.43
1980	235.10	35.3	6.66	397.06	43.3	9.17	367.78	37.0	9.94	288.62	39.7	7.27	7.02
1981	255.20	35.2	7.25	439.19	43.7	10.05	398.52	36.9	10.80	318.00	39.8	7.99	7.72
1981:													
November	262.20	35.1	7.47	461.32	44.4	10.39	414.76	37.1	11.18	325.54	39.7	8.20	7.94
December	264.24	35.2	7.45	466.37	44.6	10.41	417.75	37.1	11.26	329.97	39.9	8.27	8.00
1982:													
January	255.95	33.9	7.55	456.89	42.9	10.45	385.95	33.3	11.59	312.38	37.1	8.42	8.17
February	262.39	34.8	7.54	463.03	43.6	10.62	406.39	35.9	11.32	326.93	39.2	8.34	8.10
March	261.99	34.7	7.55	465.16	43.8	10.62	419.21	37.0	11.33	327.27	39.1	8.37	8.13
April	262.27	34.6	7.58	454.76	42.7	10.65	415.44	36.7	11.32	325.65	38.7	8.42	8.19
May	265.52	34.8	7.63	454.12	42.6	10.66	425.75	37.5	11.46	329.55	39.0	8.45	8.22
June	267.40	35.0	7.64	463.10	42.8	10.82	427.88	37.5	11.41	334.05	39.3	8.50	8.25
July	269.98	35.2	7.67	463.68	42.5	10.91	438.14	38.0	11.53	332.60	38.9	8.55	8.31
August	271.04	35.2	7.70	463.43	42.4	10.93	436.16	37.6	11.60	331.89	39.0	8.51	8.25
September	270.05	34.8	7.76	467.58	41.9	11.04	430.99	36.9	11.68	334.15	38.9	8.59	8.33
October p	270.31	34.7	7.79	460.32	41.0	10.96	439.33	37.2	11.81	333.88	39.0	8.56	8.31
November p	269.88	34.6	7.80	456.09	41.5	10.99	423.18	36.2	11.69	337.90	39.2	8.62	8.36

Year and month	Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			
1961	-	-	-	87.41	38.3	2.28	97.12	36.9	2.63	-	-	-	
1962	-	-	-	89.91	38.2	2.35	89.99	37.3	2.17	-	-	-	
1963	-	-	-	72.21	36.1	1.89	84.38	37.5	2.25	-	-	-	
1964	119.79	41.5	2.89	74.55	37.3	1.97	85.79	37.3	2.30	78.11	36.1	2.94	
1965	125.14	41.3	3.03	76.91	37.7	2.04	88.91	37.2	2.39	71.60	35.9	2.05	
1966	128.13	41.2	3.11	79.39	37.1	2.14	92.13	37.3	2.47	77.04	35.5	2.17	
1967	130.82	40.5	3.23	82.15	36.6	2.25	95.72	37.1	2.58	80.38	35.1	2.29	
1968	138.85	40.6	3.42	87.33	35.1	2.41	101.75	37.0	2.75	83.97	34.7	2.42	
1969	147.74	40.7	3.63	91.39	35.7	2.56	108.70	37.1	2.93	90.57	34.7	2.61	
1970	155.93	40.5	3.85	95.32	35.3	2.72	112.67	36.7	3.07	95.65	34.4	2.81	
1971	168.82	40.1	4.21	101.39	35.1	2.88	117.85	35.6	3.22	103.06	33.9	3.04	
1972	187.86	40.4	4.65	108.45	34.9	3.35	122.98	35.6	3.35	113.85	33.9	3.27	
1973	203.31	40.5	5.02	111.76	34.6	3.23	129.20	35.6	3.53	112.29	33.8	3.47	
1974	217.48	40.2	5.41	119.32	34.2	3.48	137.61	35.5	3.77	125.03	33.6	3.75	
1975	233.44	39.7	5.88	125.45	33.9	3.73	148.19	35.5	4.03	134.67	33.5	4.02	
1976	256.71	39.8	6.45	133.79	33.7	3.97	155.43	35.4	4.27	143.52	33.3	4.31	
1977	278.20	39.9	6.99	142.52	33.3	4.28	165.26	35.4	4.54	153.45	33.0	4.65	
1978	302.80	40.0	7.57	153.64	32.9	4.67	179.00	35.4	4.89	163.67	32.8	4.99	
1979	325.58	39.9	8.16	164.96	32.6	5.06	190.77	36.2	5.27	175.27	32.7	5.36	
1980	351.25	39.6	8.87	176.46	32.2	5.48	209.60	36.2	5.79	190.71	32.6	5.85	
1981	382.18	39.4	9.70	190.95	32.2	5.93	229.05	36.3	6.31	208.97	32.6	6.41	
1981:													
November	393.96	39.2	10.05	192.68	31.9	6.04	236.02	36.2	6.52	216.78	32.5	6.67	
December	395.36	39.3	10.06	194.45	32.3	6.02	234.21	36.2	6.47	217.12	32.6	6.66	
1982:													
January	388.85	38.5	10.10	191.89	31.1	6.17	237.47	36.2	6.56	219.32	32.3	6.79	
February	397.10	39.2	10.13	194.66	31.6	6.16	239.64	36.2	6.62	220.68	32.5	6.79	
March	392.73	39.0	10.07	194.66	31.6	6.16	239.22	36.3	6.59	220.03	32.5	6.77	
April	393.43	38.8	10.14	195.31	31.7	6.18	240.37	36.2	6.64	221.33	32.5	6.81	
May	394.60	38.8	10.17	197.78	31.9	6.20	245.75	36.3	6.77	222.63	32.5	6.85	
June	399.84	39.2	10.20	199.02	32.1	6.20	242.23	36.1	6.71	224.35	32.8	6.84	
July	403.37	39.2	10.29	202.45	32.6	6.21	245.48	36.2	6.78	227.40	33.1	6.87	
August	409.90	39.3	10.43	202.77	32.6	6.22	249.38	36.3	6.87	227.70	33.0	6.90	
September	405.85	38.8	10.46	200.95	32.1	6.26	249.09	36.1	6.90	228.57	32.7	6.99	
October p	405.19	38.7	10.47	200.37	31.9	6.30	251.55	36.2	6.96	229.83	32.6	7.05	
November p	406.07	38.6	10.52	200.66	31.8	6.31	253.06	36.1	7.01	229.78	32.5	7.07	

[1] For coverage of series, see footnote 1, table B-2.

p = preliminary.

NOTE: Data from April 1981 forward are subject to revision when more recent benchmark data are introduced. See "Benchmark adjustment" in the Explanatory Notes of this publication.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Oct. 1981	Nov. 1981	Sept. 1982	Oct. 1982	Nov. 1982	Oct. 1981	Nov. 1981	Sept. 1982	Oct. 1982	Nov. 1982
	TOTAL PRIVATE	$268.18	$268.20	$270.05	$270.41	$269.88	$7.42	$7.42	$7.76	$7.77	$7.80
	MINING	456.13	461.32	462.58	460.32	456.69	10.29	10.39	11.04	10.98	11.05
10	METAL MINING	474.74	486.81	448.57	454.41	-	12.09	12.12	12.53	12.45	-
101	Iron ores	473.87	504.32	527.41	488.00	-	12.94	12.80	13.42	13.58	-
102	Copper ores	533.84	561.53	480.74	484.56	-	12.26	12.25	11.39	12.33	-
11, 12	COAL MINING	520.86	520.66	503.35	503.76	-	12.17	12.47	13.03	12.95	-
12	BITUMINOUS COAL AND LIGNITE MINING	522.16	522.49	502.27	505.76	-	12.20	12.47	13.08	13.01	-
13	OIL AND GAS EXTRACTION	443.58	449.57	462.16	459.88	-	9.58	9.71	10.60	10.38	-
131,2	Crude petroleum, natural gas, and natural gas liquids	452.77	461.20	522.70	457.63	-	10.91	11.06	12.27	12.32	-
138	Oil and gas field services	440.72	446.00	434.35	436.23	-	9.22	9.31	9.94	9.87	-
14	NONMETALLIC MINERALS, EXCEPT FUELS	370.20	365.91	398.49	394.46	-	8.53	8.52	9.05	9.11	-
147	Chemical and fertilizer mineral mining	355.88	359.63	386.30	388.04	-	8.20	8.22	8.72	8.72	-
	CONSTRUCTION	414.62	414.78	430.59	419.13	423.18	11.16	11.18	11.69	11.41	11.60
15	GENERAL BUILDING CONTRACTORS	365.38	365.10	385.14	389.12	-	10.12	10.14	10.61	10.63	-
152	Residential building construction	334.60	338.65	354.40	352.99	-	9.27	9.33	9.74	9.76	-
153	Operative builders	303.61	293.23	311.04	311.08	-	8.51	8.26	8.37	8.34	-
154	Nonresidential building construction	405.90	403.33	420.06	428.41	-	11.00	10.96	11.54	11.61	-
16	HEAVY CONSTRUCTION CONTRACTORS	439.27	442.13	463.91	470.34	-	10.74	10.89	11.54	11.73	-
161	Highway and street construction	406.63	391.38	430.15	435.42	-	10.04	9.76	10.39	10.42	-
162	Heavy construction except highway	452.92	461.86	478.35	485.18	-	11.02	11.32	12.05	12.16	-
17	SPECIAL TRADE CONTRACTORS	434.06	422.80	437.53	447.07	-	11.86	11.81	12.23	12.35	-
171	Plumbing, heating, air-conditioning	443.87	434.90	457.28	468.49	-	11.90	11.85	12.46	12.56	-
172	Painting, paper hanging, decorating	376.77	361.16	378.16	379.27	-	10.73	10.53	10.99	10.91	-
173	Electrical work	506.72	488.93	505.63	529.60	-	13.37	13.25	13.74	13.91	-
174	Masonry, stonework, and plastering	390.72	385.56	410.39	412.48	-	11.26	11.34	11.93	11.98	-
175	Carpentering and flooring	373.47	361.80	382.16	386.58	-	10.58	10.61	11.34	11.37	-
176	Roofing and sheet metal work	354.65	359.64	362.54	365.56	-	10.37	10.43	10.79	11.11	-
	MANUFACTURING	323.95	325.54	334.15	333.84	337.90	8.16	8.20	8.59	8.56	8.62
24, 25, 32-39	DURABLE GOODS	350.07	351.68	357.24	357.90	362.22	8.73	8.77	9.16	9.13	9.17
20-23, 26, 27	NONDURABLE GOODS	288.60	288.56	304.19	301.86	305.74	7.33	7.38	7.84	7.80	7.88
	DURABLE GOODS										
24	LUMBER AND WOOD PRODUCTS	271.22	269.53	288.76	293.37	292.97	7.10	7.16	7.70	7.62	7.59
241	Logging camps and logging contractors	367.61	365.19	418.31	419.09	-	9.45	9.56	10.59	10.53	-
242	Sawmills and planing mills	276.31	272.25	304.19	296.05	-	7.21	7.26	7.84	7.75	-
2421	Sawmills and planing mills, general	291.83	285.74	320.93	312.15	-	7.58	7.64	8.25	8.15	-
2426	Hardwood dimension and flooring	200.46	200.20	206.66	207.13	-	5.14	5.20	5.34	5.38	-
243	Millwork, plywood, and structural members	260.63	261.80	291.75	283.44	-	6.55	7.00	7.50	7.42	-
2431	Millwork	271.74	276.14	256.40	282.92	-	7.17	7.21	7.60	7.53	-
2434	Wood kitchen cabinets	230.11	236.43	253.34	253.80	-	6.27	6.39	6.72	6.75	-
2435	Hardboard, veneer and plywood	218.50	215.95	225.41	224.91	-	5.49	5.58	5.87	5.95	-
2436	Softwood veneer and plywood	303.36	298.78	370.00	338.63	-	8.45	8.44	9.25	9.03	-
244	Wood containers	206.67	210.86	215.83	211.80	-	5.42	5.52	5.65	5.53	-
245	Wood buildings and mobile homes	230.40	229.91	248.05	249.29	-	6.49	6.55	6.65	6.63	-
2451	Mobile homes	226.40	225.98	245.43	246.84	-	6.45	6.42	6.58	6.60	-
249	Miscellaneous wood products	238.79	241.35	247.40	248.29	-	6.03	6.11	6.36	6.35	-
25	FURNITURE AND FIXTURES	233.92	230.51	241.66	244.98	246.77	6.06	6.05	6.41	6.43	6.46
251	Household furniture	213.56	210.00	219.48	222.43	-	5.62	5.60	5.90	5.90	-
2511	Wood household furniture	200.85	199.43	197.60	203.79	-	5.19	5.18	5.40	5.42	-
2512	Upholstered household furniture	223.43	216.48	230.84	234.10	-	5.99	5.98	6.29	6.31	-
2514	Metal household furniture	231.21	229.88	252.00	246.76	-	5.99	5.98	6.30	6.20	-
2515	Mattresses and bedsprings	219.75	215.14	253.44	244.94	-	6.19	6.20	6.60	6.62	-
252	Office furniture	262.35	263.16	256.93	257.93	-	6.51	6.53	7.02	6.99	-
253	Public building and related furniture	271.26	271.95	263.18	258.25	-	6.85	6.85	6.84	7.31	-
254	Partitions and fixtures	279.69	276.10	310.08	309.69	-	7.19	7.19	7.85	7.94	-
259	Miscellaneous furniture and fixtures	274.51	273.53	277.14	283.29	-	6.88	6.96	7.07	7.10	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry – Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Oct. 1981	Nov. 1981	Sept. 1982	Oct. 1982P	Nov. 1982P	Oct. 1981	Nov. 1981	Sept. 1982	Oct. 1982P	Nov. 1982P
	TOTAL PRIVATE	35.2	35.1	34.8	34.7	34.6	-	-	-	-	-
	MINING	44.5	44.4	41.9	42.0	41.5	-	-	-	-	-
10	METAL MINING	39.3	40.1	35.8	36.5	-	-	-	-	-	-
101	Iron ores	37.4	35.4	39.3	37.5	-	-	-	-	-	-
102	Copper ores	41.1	41.3	36.2	38.4	-	-	-	-	-	-
11,12	COAL MINING	42.8	42.0	38.4	38.9	-	-	-	-	-	-
12	BITUMINOUS COAL AND LIGNITE MINING	42.8	41.9	38.4	38.9	-	-	-	-	-	-
13	OIL AND GAS EXTRACTION	46.3	46.3	43.6	43.5	-	-	-	-	-	-
131,2	Crude petroleum, natural gas, and natural gas liquids	41.5	41.7	42.6	41.4	-	-	-	-	-	-
138	Oil and gas field services	47.8	47.7	44.1	44.4	-	-	-	-	-	-
14	NONMETALLIC MINERALS, EXCEPT FUELS	43.4	42.9	43.7	43.2	-	-	-	-	-	-
142	Crushed and broken stone	43.4	43.3	44.3	44.5	-	-	-	-	-	-
	CONSTRUCTION	37.6	37.1	36.9	37.4	36.2	-	-	-	-	-
15	GENERAL BUILDING CONTRACTORS	36.5	36.4	36.3	36.4	-	-	-	-	-	-
152	Residential building construction	36.1	35.9	36.2	35.8	-	-	-	-	-	-
153	Operative builders	35.7	35.5	37.4	37.3	-	-	-	-	-	-
154	Nonresidential building construction	36.9	36.8	36.4	36.9	-	-	-	-	-	-
16	HEAVY CONSTRUCTION CONTRACTORS	40.9	40.6	40.2	40.2	-	-	-	-	-	-
161	Highway and street construction	40.7	40.1	41.4	41.0	-	-	-	-	-	-
162	Heavy construction, except highway	41.1	40.8	39.7	39.9	-	-	-	-	-	-
17	SPECIAL TRADE CONTRACTORS	36.6	35.8	35.8	36.2	-	-	-	-	-	-
171	Plumbing, heating, air conditioning	37.3	36.7	36.7	37.3	-	-	-	-	-	-
172	Painting, paper hanging, decorating	35.3	34.3	34.5	34.7	-	-	-	-	-	-
173	Electrical work	37.9	36.9	36.8	37.8	-	-	-	-	-	-
174	Masonry, stonework, and plastering	34.7	34.0	34.4	34.4	-	-	-	-	-	-
175	Carpentering and flooring	35.3	34.1	33.7	34.0	-	-	-	-	-	-
176	Roofing and sheet metal work	34.2	34.5	33.6	33.3	-	-	-	-	-	-
-	MANUFACTURING	39.7	39.7	38.9	39.0	39.2	2.8	2.6	2.5	2.7	2.9
24, 25, 32-39	DURABLE GOODS	40.1	40.1	39.0	39.2	39.5	2.7	2.5	2.2	2.1	2.2
20-23, 26-31	NONDURABLE GOODS	39.1	39.1	38.8	38.7	38.8	2.9	2.8	2.9	3.2	3.7
	DURABLE GOODS										
24	LUMBER AND WOOD PRODUCTS	38.2	37.7	38.8	38.5	38.6	2.4	2.2	2.6	2.4	-
241	Logging camps and logging contractors	38.9	38.2	39.5	39.8	-	3.9	3.7	3.4	3.1	-
242	Sawmills and planing mills	38.6	37.5	38.8	38.2	-	2.7	2.5	3.2	3.0	-
2421	Sawmills and planing mills, general	38.5	37.4	38.9	38.3	-	2.9	2.7	3.4	3.2	-
2426	Hardwood dimension and flooring	39.0	38.5	38.7	38.5	-	2.2	2.1	2.2	2.1	-
243	Millwork, plywood, and structural members	37.5	37.4	38.9	38.2	-	1.6	1.5	2.2	2.0	-
2431	Millwork	37.9	38.3	39.0	38.9	-	1.2	1.1	1.5	1.6	-
2434	Wood kitchen cabinets	36.7	37.0	37.7	37.6	-	1.1	1.1	1.4	1.2	-
2435	Hardwood veneer and plywood	35.8	36.7	38.4	37.8	-	2.6	2.4	2.2	2.2	-
2436	Softwood veneer and plywood	35.9	35.4	40.0	37.5	-	2.0	1.9	1.8	2.4	-
244	Wood containers	38.5	38.2	38.2	38.3	-	2.2	2.2	2.1	1.9	-
245	Wood buildings and mobile homes	35.5	35.1	37.3	37.6	-	1.0	.8	1.5	1.5	-
2451	Mobile homes	35.1	35.2	37.3	37.4	-	.8	.7	1.6	1.6	-
249	Miscellaneous wood products	39.6	39.5	38.9	39.1	-	2.5	2.4	2.0	2.1	-
25	FURNITURE AND FIXTURES	38.6	38.1	37.7	38.1	38.2	2.0	1.5	1.7	1.7	-
251	Household furniture	38.0	37.5	37.2	37.7	-	1.6	1.3	1.4	1.4	-
2511	Wood household furniture	38.7	38.5	38.6	37.6	-	2.0	1.6	1.5	1.5	-
2512	Upholstered household furniture	37.3	36.2	36.7	37.1	-	1.2	.9	.8	1.0	-
2514	Metal household furniture	38.6	38.7	40.0	39.8	-	1.8	1.7	2.3	1.9	-
2515	Mattresses and bedsprings	35.5	34.7	38.4	37.0	-	1.3	1.0	1.7	1.3	-
252	Office furniture	40.3	40.3	38.6	36.9	-	2.9	2.5	1.6	1.6	-
253	Public building and related furniture	39.6	39.7	41.4	40.8	-	2.4	1.7	3.1	3.3	-
254	Partitions and fixtures	38.9	38.4	39.5	39.5	-	2.7	1.9	2.8	2.5	-
259	Miscellaneous furniture and fixtures	39.9	39.3	39.2	39.9	-	1.7	1.1	1.8	1.8	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Oct. 1981	Nov. 1981	Sept. 1982	Oct. 1982P	Nov. 1982P	Oct. 1981	Nov. 1981	Sept. 1982	Oct. 1982P	Nov. 1982P
32	STONE, CLAY, AND GLASS PRODUCTS	$344.25	$345.87	$365.72	$365.81	$368.99	$8.50	$8.54	$9.03	$9.01	$8.99
321	Flat glass	463.68	467.60	516.43	470.71	-	11.04	11.16	12.18	11.55	-
322	Glass and glassware, pressed or blown	365.65	367.11	383.20	386.07	-	8.94	9.02	9.58	9.58	-
3221	Glass containers	388.22	384.34	399.30	404.78	-	9.40	9.42	10.00	9.97	-
3229	Pressed and blown glass, nec	335.72	343.65	358.90	356.21	-	8.31	8.49	8.95	8.95	-
323	Products of purchased glass	310.13	302.54	334.49	335.75	-	7.62	7.64	8.30	8.11	-
324	Cement, hydraulic	506.62	528.28	529.17	514.11	-	12.12	12.43	12.69	12.57	-
325	Structural clay products	279.39	277.20	284.40	284.62	-	6.95	6.93	7.11	7.08	-
326	Pottery and related products	264.52	270.28	284.23	284.59	-	6.80	6.86	7.46	7.45	-
327	Concrete, gypsum, and plaster products	345.20	341.09	368.68	372.56	-	8.44	8.36	8.82	8.88	-
3271	Concrete block and brick	326.69	314.16	337.19	340.92	-	7.51	7.48	7.86	7.93	-
3272	Concrete products, nec	313.50	310.50	331.01	324.53	-	7.50	7.50	7.90	7.82	-
3273	Ready mixed concrete	372.24	366.56	398.52	408.78	-	9.40	9.21	9.72	9.95	-
329	Misc. nonmetallic mineral products	335.60	340.57	351.95	353.63	-	8.39	8.43	8.91	8.93	-
3291	Abrasive products	325.60	328.68	316.32	331.13	-	8.14	8.18	8.69	8.76	-
3292	Asbestos products	342.26	330.33	353.23	344.65	-	8.43	8.47	8.92	8.86	-
33	PRIMARY METAL INDUSTRIES	435.51	440.67	438.52	432.05	443.91	10.97	11.10	11.54	11.43	11.53
331	Blast furnace and basic steel products	499.48	510.90	510.64	494.31	-	12.84	13.10	13.69	13.58	-
3312	Blast furnaces and steel mills	516.85	526.30	533.50	513.72	-	13.39	13.67	14.38	14.27	-
3317	Steel pipe and tubes	418.82	430.55	393.35	408.58	-	10.24	10.46	10.66	10.64	-
332	Iron and steel foundries	354.49	356.71	353.69	349.75	-	9.16	9.17	9.69	9.53	-
3321	Gray iron foundries	357.50	362.39	363.95	355.57	-	9.31	9.34	9.89	9.61	-
3322	Malleable iron foundries	364.93	370.02	353.63	370.13	-	9.81	9.92	10.34	10.31	-
3325	Steel foundries, nec	347.11	343.09	334.80	333.70	-	8.81	8.73	9.30	9.40	-
333	Primary nonferrous metals	511.28	517.92	543.78	536.22	-	12.44	12.48	13.46	13.24	-
3334	Primary aluminum	544.07	537.95	580.95	573.27	-	13.11	13.25	14.38	14.12	-
335	Nonferrous rolling and drawing	406.13	408.46	414.56	416.00	-	9.81	9.89	10.40	10.40	-
3351	Copper rolling and drawing	351.88	348.02	350.61	342.11	-	8.52	8.53	8.99	8.84	-
3353	Aluminum sheet, plate, and foil	527.07	538.48	559.55	554.29	-	12.67	12.70	14.13	13.72	-
3357	Nonferrous wire drawing and insulating	376.41	378.81	380.33	379.69	-	9.07	9.15	9.58	9.54	-
336	Nonferrous foundries	326.42	328.03	328.04	331.27	-	8.12	8.16	8.61	8.56	-
3361	Aluminum foundries	335.30	336.91	337.69	335.34	-	8.32	8.36	8.84	8.71	-
34	FABRICATED METAL PRODUCTS	337.28	337.64	346.21	346.04	350.56	8.39	8.42	8.90	8.85	8.92
341	Metal cans and shipping containers	476.66	487.45	514.03	497.62	-	11.08	11.18	12.01	11.82	-
3411	Metal cans	499.10	509.08	535.68	521.42	-	11.50	11.57	12.40	12.24	-
342	Cutlery, hand tools, and hardware	313.63	312.84	318.27	323.31	-	7.94	7.94	8.31	8.29	-
3423, 5	Hand and edge tools, and hand saws and blades	296.29	299.81	298.62	311.20	-	7.52	7.59	7.90	8.00	-
3429	Hardware, nec	327.81	323.40	332.54	333.45	-	8.32	8.25	8.66	8.55	-
343	Plumbing and heating, except electric	295.11	291.39	306.62	316.76	-	7.49	7.51	7.99	8.06	-
3432	Plumbing fittings and brass goods	269.53	274.18	286.48	294.91	-	7.12	7.14	7.66	7.70	-
3433	Heating equipment, except electric	293.53	292.09	314.73	324.77	-	7.45	7.45	8.07	8.15	-
344	Fabricated structural metal products	333.73	335.76	342.13	343.57	-	8.22	8.27	8.75	8.72	-
3441	Fabricated structural metal	359.87	353.87	364.40	368.34	-	8.63	8.61	9.11	9.14	-
3442	Metal doors, sash, and trim	257.01	259.90	259.57	265.49	-	6.59	6.63	6.69	6.79	-
3443	Fabricated plate work (boiler shops)	370.72	378.07	384.07	382.01	-	9.02	9.11	9.95	9.77	-
3444	Sheet metal work	330.37	331.14	344.96	343.58	-	8.28	8.32	8.96	8.90	-
3446	Architectural metal work	313.80	327.47	353.42	355.83	-	7.71	7.76	8.62	8.70	-
345	Screw machine products, bolts, etc	318.39	318.39	314.06	313.73	-	7.94	7.94	8.20	8.17	-
3451	Screw machine products	293.27	295.14	291.08	291.85	-	7.35	7.36	7.62	7.62	-
3452	Bolts, nuts, rivets, and washers	341.74	341.30	335.62	335.82	-	8.48	8.49	8.74	8.70	-
346	Metal forgings and stampings	380.33	378.02	365.54	381.97	-	9.58	9.57	10.04	9.87	-
3462	Iron and steel forgings	402.51	415.90	410.28	419.33	-	10.19	10.32	10.97	10.92	-
3465	Automotive stampings	459.20	444.48	453.55	443.48	-	11.48	11.31	11.75	11.43	-
3469	Metal stampings, nec	294.62	297.44	306.87	308.05	-	7.44	7.53	7.95	7.96	-
347	Metal services, nec	263.21	262.64	273.66	276.76	-	6.63	6.70	7.04	7.17	-
3471	Plating and polishing	263.61	261.19	268.11	272.52	-	6.64	6.68	6.91	7.06	-
3479	Metal coating and allied services	262.68	265.56	287.04	288.32	-	6.60	6.74	7.36	7.45	-
348	Ordnance and accessories, nec	343.20	345.20	361.69	367.08	-	8.58	8.63	9.18	9.20	-
3483	Ammunition, exc. for small arms, nec	305.37	311.65	337.39	342.59	-	7.81	7.87	8.52	8.48	-
349	Misc. fabricated metal products	316.01	316.79	318.82	321.64	-	7.94	8.02	8.39	8.42	-
3494	Valves and pipe fittings	338.89	340.45	336.28	336.14	-	8.43	8.50	8.92	8.94	-
3496	Misc. fabricated wire products	267.44	269.10	280.14	284.06	-	6.84	6.90	7.22	7.34	-
35	MACHINERY, EXCEPT ELECTRICAL	367.93	372.28	367.54	366.52	369.19	9.04	9.08	9.40	9.35	9.37
351	Engines and turbines	445.04	443.77	452.40	448.52	-	11.21	11.15	11.60	11.53	-
3511	Turbines and turbine generator sets	426.21	428.70	443.05	450.24	-	10.35	10.33	11.16	11.20	-
3519	Internal combustion engines, nec	453.92	445.26	457.02	446.91	-	11.55	11.49	11.84	11.73	-
352	Farm and garden machinery	394.22	391.45	413.29	405.72	-	9.93	9.91	10.57	10.35	-
3523	Farm machinery and equipment	411.77	409.22	431.40	425.49	-	10.32	10.36	11.09	10.91	-
353	Construction and related machinery	408.29	415.45	359.47	365.51	-	9.91	9.94	10.43	10.22	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Oct. 1981	Nov. 1981	Sept. 1982	Oct. 1982P	Nov. 1982P	Oct. 1981	Nov. 1981	Sept. 1982	Oct. 1982P	Nov. 1982P
32	STONE, CLAY, AND GLASS PRODUCTS	40.5	40.5	40.5	40.6	40.6	3.9	3.6	3.8	3.6	-
321	Flat glass	42.0	41.9	42.4	41.1	-	4.3	4.2	4.6	3.7	-
322	Glass and glassware, pressed or blown	40.9	40.7	40.0	40.3	-	3.1	3.0	3.3	3.5	-
3221	Glass containers	41.3	40.8	39.5	40.6	-	3.3	3.2	3.5	2.4	-
3229	Pressed and blown glass, nec	40.4	40.5	40.1	39.8	-	3.1	2.4	3.3	3.2	-
323	Products of purchased glass	40.7	39.6	40.3	41.4	-	3.1	2.8	2.4	2.3	-
324	Cement, hydraulic	41.8	42.5	41.7	40.9	-	3.0	2.9	2.5	2.7	-
325	Structural clay products	40.2	40.0	40.0	40.2	-	2.2	2.1	1.6	1.9	-
326	Pottery and related products	38.9	39.4	38.1	38.2	-	4.8	4.6	5.1	5.3	-
327	Concrete, gypsum, and plaster products	40.9	40.8	41.8	42.0	-	4.7	4.5	5.0	5.3	-
3271	Concrete block and brick	43.5	42.0	42.9	44.0	-	4.7	4.5	4.7	4.2	-
3272	Concrete products, nec	41.8	41.4	41.9	41.5	-	4.9	4.7	5.3	5.7	-
3273	Ready-mixed concrete	39.6	39.8	41.0	41.5	-	3.0	3.0	2.7	2.3	-
329	Misc. nonmetallic mineral products	40.0	40.4	39.5	39.6	-	2.6	2.4	1.3	1.6	-
3291	Abrasive products	40.0	40.2	36.4	37.8	-	2.6	2.2	2.3	2.0	-
3292	Asbestos products	40.6	39.0	39.6	38.9	-					
33	PRIMARY METAL INDUSTRIES	39.7	39.7	38.0	37.8	38.5	2.6	2.4	2.1	1.8	-
331	Blast furnace and basic steel products	38.9	39.0	37.3	36.4	-	2.2	1.9	1.5	1.3	-
3312	Blast furnaces and steel mills	38.6	38.5	37.1	36.0	-	2.1	1.8	1.4	1.3	-
3317	Steel pipe and tubes	40.9	41.2	36.9	38.4	-	2.8	2.6	2.0	1.9	-
332	Iron and steel foundries	38.7	38.9	38.5	36.7	-	2.4	2.3	1.6	1.2	-
3321	Gray iron foundries	38.4	38.8	36.8	37.0	-	2.4	2.4	1.8	1.7	-
3322	Malleable iron foundries	37.2	37.3	34.2	35.9	-	2.0	1.8	1.1	1.2	-
3325	Steel foundries, nec	39.4	39.3	36.0	35.5	-	2.7	2.3	1.0	1.0	-
333	Primary nonferrous metals	41.1	41.5	40.4	40.5	-	3.1	3.0	3.2	2.5	-
3334	Primary aluminum	41.5	40.6	40.4	40.6	-	3.3	3.1	3.9	2.8	-
335	Nonferrous rolling and drawing	41.4	41.3	39.9	40.0	-	3.8	3.5	3.5	2.8	-
3351	Copper rolling and drawing	41.3	40.8	39.0	38.7	-	4.1	3.4	2.5	1.9	-
3353	Aluminum sheet, plate and foil	41.6	42.4	39.6	40.4	-	4.2	4.0	6.6	4.4	-
3357	Nonferrous wire drawing and insulating	41.5	41.4	39.7	39.8	-	4.1	3.8	2.6	2.1	-
336	Nonferrous foundries	40.2	40.2	38.1	38.7	-	2.5	2.1	1.8	1.9	-
3361	Aluminum foundries	40.3	40.3	38.2	38.5	-	2.6	2.5	1.8	1.8	-
34	FABRICATED METAL PRODUCTS	40.2	40.1	38.9	39.1	39.3	2.7	2.4	2.0	1.9	-
341	Metal cans and shipping containers	43.2	43.6	42.8	42.1	-	4.1	4.1	4.8	3.9	-
3411	Metal cans	43.4	44.0	43.2	42.6	-	4.1	4.1	4.5	4.1	-
342	Cutlery, hand tools, and hardware	39.5	39.4	38.3	39.0	-	2.1	1.7	1.4	1.4	-
3423, 5	Hand and edge tools, and hand saws and blades	39.4	39.5	37.8	38.9	-	1.9	1.8	1.3	1.4	-
3429	Hardware, nec	39.4	39.2	38.4	39.0	-	2.1	1.5	1.4	1.3	-
343	Plumbing and heating, except electric	39.4	38.8	38.4	39.3	-	1.7	1.4	1.4	1.4	-
3432	Plumbing fittings and brass goods	39.4	38.4	37.4	38.3	-	1.4	1.0	1.2	.9	-
3433	Heating equipment, except electric	39.4	39.2	39.0	39.8	-	1.8	1.7	1.6	1.9	-
344	Fabricated structural metal products	40.6	40.6	39.1	39.4	-	2.9	2.7	2.2	2.2	-
3441	Fabricated structural metal	41.7	41.1	40.0	40.3	-	3.2	2.9	2.7	2.8	-
3442	Metal doors, sash, and trim	39.0	39.2	38.8	39.1	-	2.2	2.2	2.1	2.0	-
3443	Fabricated plate work (boiler shops)	41.1	41.5	38.6	39.1	-	3.3	3.3	1.9	2.2	-
3444	Sheet metal work	39.9	39.8	38.5	38.6	-	2.7	2.4	2.1	1.9	-
3446	Architectural metal work	40.7	42.2	41.0	40.9	-	2.1	2.4	2.2	2.3	-
345	Screw machine products, bolts, etc.	40.1	40.1	38.3	38.4	-	2.8	2.4	1.4	1.4	-
3451	Screw machine products	39.9	40.1	38.2	38.3	-	2.8	2.5	1.3	1.5	-
3452	Bolts, nuts, rivets, and washers	40.3	40.2	38.4	38.6	-	2.8	2.3	1.5	1.3	-
346	Metal forgings and stampings	39.7	39.5	38.4	38.7	-	2.6	2.2	1.8	1.6	-
3462	Iron and steel forgings	39.5	40.3	37.4	38.4	-	2.5	2.7	1.6	1.4	-
3465	Automotive stampings	40.0	39.3	38.6	38.8	-	3.0	1.9	1.9	1.4	-
3469	Metal stampings, nec	39.6	39.5	38.6	38.7	-	2.3	2.2	1.8	1.7	-
347	Metal services, nec	39.7	39.2	38.9	38.6	-	2.6	2.4	2.4	2.3	-
3471	Plating and polishing	39.7	39.1	38.8	38.6	-	2.9	2.5	2.2	2.2	-
3479	Metal coating and allied services	39.8	39.4	39.0	38.7	-	2.0	2.0	2.8	2.4	-
348	Ordnance and accessories, nec	40.0	40.0	39.4	39.9	-	2.7	2.6	2.1	2.1	-
3483	Ammunition, exc. for small arms, nec	39.1	35.6	39.6	40.4	-	2.5	2.3	1.9	1.7	-
349	Misc. fabricated metal products	39.8	39.5	38.0	38.2	-	2.7	2.4	1.6	1.4	-
3494	Valves and pipe fittings	40.2	40.1	37.7	37.6	-	3.0	2.7	1.3	1.1	-
3496	Misc. fabricated wire products	39.1	39.0	38.8	38.7	-	2.2	1.9	1.5	1.6	-
35	MACHINERY, EXCEPT ELECTRICAL	40.7	41.0	39.1	39.2	39.4	3.1	3.0	1.9	1.9	-
351	Engines and turbines	39.7	39.8	39.0	38.9	-	2.5	2.0	1.4	1.6	-
3511	Turbines and turbine generator sets	40.6	41.5	35.7	40.2	-	3.8	3.7	3.0	3.3	-
3519	Internal combustion engines, nec	39.3	39.1	38.6	38.1	-	2.0	1.4	.6	.6	-
352	Farm and garden machinery	39.7	39.5	39.1	39.2	-	2.7	1.9	2.3	2.5	-
3523	Farm machinery and equipment	39.9	39.5	38.9	39.0	-	3.0	2.1	2.5	2.8	-
353	Construction and related machinery	41.2	41.8	38.3	38.7	-	3.4	3.5	1.5	1.4	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Oct. 1981	Nov. 1981	Sept. 1982	Oct. 1982P	Nov. 1982P	Oct. 1981	Nov. 1981	Sept. 1982	Oct. 1982P	Nov. 1982P
	MACHINERY, EXCEPT ELECTRICAL—Continued										
3531	Construction machinery	$440.75	$445.28	$437.75	$409.42	-	$11.13	$11.16	$11.55	$10.85	-
3532	Mining machinery	387.00	396.75	402.52	356.66	-	10.00	10.02	10.52	10.36	-
3533	Oil field machinery	427.50	438.26	404.29	416.57	-	9.50	9.59	10.34	10.53	-
3535	Conveyors and conveying equipment	335.87	337.05	335.16	337.54	-	8.59	8.49	8.82	8.73	-
3537	Industrial trucks and tractors	330.80	333.45	335.59	345.27	-	8.57	8.58	9.07	9.11	-
354	Metalworking machinery	374.42	375.55	372.45	371.11	-	9.11	9.19	9.55	9.54	-
3541	Machine tools, metal cutting types	385.22	394.25	369.31	361.35	-	9.35	9.50	9.77	9.90	-
3542	Machine tools, metal forming types	371.33	383.57	367.85	383.23	-	9.67	9.76	9.97	9.93	-
3544	Special dies, tools, jigs, and fixtures	401.52	406.35	404.80	402.00	-	9.56	9.63	10.12	10.35	-
3545	Machine tool accessories	338.52	339.65	327.12	331.47	-	8.40	8.47	8.77	8.70	-
3546	Power driven hand tools	291.91	298.05	295.81	289.92	-	7.39	7.47	7.47	7.56	-
355	Special industry machinery	341.01	348.09	353.46	363.09	-	8.42	8.49	9.04	9.10	-
3551	Food products machinery	344.66	355.77	373.32	383.26	-	8.77	8.85	9.38	9.44	-
3552	Textile machinery	271.04	276.98	269.51	273.89	-	6.81	6.89	7.13	7.17	-
3555	Printing trades machinery	359.92	368.03	366.83	386.38	-	8.59	8.68	9.43	9.47	-
356	General industrial machinery	362.30	368.83	356.90	360.68	-	8.99	9.04	9.27	9.32	-
3561	Pumps and pumping equipment	366.51	373.06	363.28	365.53	-	9.14	9.28	9.56	9.67	-
3562	Ball and roller bearings	366.03	365.09	356.31	356.89	-	8.82	8.83	8.93	8.90	-
3563	Air and gas compressors	404.46	399.07	394.49	406.50	-	9.63	9.57	10.30	10.38	-
3564	Blowers and fans	333.23	336.15	343.96	340.17	-	8.31	8.30	9.73	8.70	-
3566	Speed changers, drives, and gears	391.15	395.20	339.65	355.88	-	9.73	9.71	9.76	9.71	-
3568	Power transmission equipment, nec	333.68	348.02	336.45	345.33	-	8.41	8.53	9.02	9.16	-
357	Office and computing machines	316.71	321.66	331.69	330.89	-	7.65	7.70	8.09	8.15	-
3573	Electronic computing equipment	319.01	324.10	330.01	329.66	-	7.65	7.68	8.01	8.08	-
358	Refrigeration and service machinery	334.51	337.40	336.78	337.04	-	8.29	8.29	8.68	8.62	-
3585	Refrigeration and heating equipment	330.22	334.67	348.81	347.10	-	8.36	8.43	8.99	8.93	-
359	Misc. machinery, except electrical	349.80	353.10	350.87	350.35	-	8.68	8.74	9.09	9.10	-
3592	Carburetors, pistons, rings, valves	403.52	417.20	391.58	396.90	-	10.19	10.43	10.47	10.50	-
3599	Machinery, except electrical, nec	341.38	343.00	344.16	343.15	-	8.45	8.49	8.87	8.89	-
36	**ELECTRIC AND ELECTRONIC EQUIPMENT**	311.22	311.63	322.43	326.09	$331.41	7.80	7.83	8.31	8.34	$8.39
361	Electric distributing equipment	306.48	306.13	321.98	316.16	-	7.72	7.75	8.32	8.32	-
3612	Transformers	303.06	299.02	327.02	318.40	-	7.52	7.57	8.30	8.27	-
3613	Switchgear and switchboard apparatus	310.08	312.05	317.75	314.34	-	7.89	7.90	8.34	8.35	-
362	Electrical industrial apparatus	321.20	323.61	313.22	323.25	-	7.99	8.07	8.42	8.44	-
3621	Motors and generators	315.97	320.39	315.55	328.50	-	7.86	7.95	8.37	8.38	-
3622	Industrial controls	319.20	322.75	306.63	310.88	-	8.02	8.09	8.23	8.29	-
363	Household appliances	296.44	271.08	312.66	312.58	-	7.66	7.53	8.10	8.14	-
3632	Household refrigerators and freezers	343.80	297.37	377.60	347.76	-	9.00	8.93	9.44	9.45	-
3633	Household laundry equipment	346.14	312.56	372.24	377.80	-	9.28	9.22	9.77	9.89	-
3634	Electric housewares and fans	236.34	235.22	247.81	256.75	-	6.06	6.19	6.42	6.50	-
364	Electric lighting and wiring equipment	287.23	290.21	303.40	306.54	-	7.29	7.31	7.86	7.94	-
3641	Electric lamps	336.60	338.25	355.27	372.50	-	8.25	8.25	9.04	9.13	-
3643	Current-carrying wiring devices	272.65	276.61	274.05	279.90	-	6.92	6.95	7.25	7.27	-
3644	Noncurrent-carrying wiring devices	294.32	296.65	297.11	308.32	-	7.47	7.51	8.03	8.05	-
3645	Residential lighting fixtures	218.31	216.55	231.64	233.01	-	5.70	5.79	5.97	5.99	-
365	Radio and TV receiving equipment	286.95	293.78	292.23	294.51	-	7.26	7.40	7.67	7.61	-
3651	Radio and TV receiving sets	296.60	302.54	287.15	301.84	-	7.49	7.64	7.74	7.84	-
366	Communication equipment	369.46	370.68	396.40	397.39	-	9.10	9.13	9.91	9.91	-
3661	Telephone and telegraph apparatus	395.91	393.01	410.41	406.61	-	9.68	9.68	10.39	10.32	-
3662	Radio and TV communication equipment	353.50	357.28	388.33	391.88	-	8.75	8.80	9.66	9.70	-
367	Electronic components and accessories	267.58	271.48	283.19	290.03	-	6.74	6.77	7.28	7.38	-
3671-3	Electronic tubes	337.39	344.21	371.97	372.53	-	8.52	8.52	9.23	9.29	-
3674	Semiconductors and related devices	309.91	311.08	322.62	327.71	-	7.69	7.70	8.23	8.35	-
3679	Electronic components, nec	250.97	256.14	264.32	275.20	-	6.29	6.34	6.76	6.88	-
369	Misc. electrical equipment and supplies	355.72	355.59	335.48	337.19	-	8.74	8.78	8.58	8.58	-
3691	Storage batteries	377.16	370.39	370.75	380.16	-	8.98	8.99	9.58	9.60	-
3694	Engine electrical equipment	382.97	380.83	329.95	331.57	-	9.72	9.74	8.57	8.59	-
37	**TRANSPORTATION EQUIPMENT**	440.34	438.19	443.58	456.12	464.22	10.74	10.74	11.24	11.29	11.35
371	Motor vehicles and equipment	464.94	454.18	452.40	464.40	-	11.34	11.27	11.69	11.61	-
3711	Motor vehicles and car bodies	532.51	515.57	484.15	520.10	-	12.77	12.73	12.98	12.97	-
3713	Truck and bus bodies	370.47	370.46	381.23	335.89	-	9.17	9.08	9.39	8.76	-
3714	Motor vehicle parts and accessories	428.74	423.96	441.86	438.58	-	10.56	10.52	11.13	10.92	-
3715	Truck trailers	298.29	302.24	307.64	312.53	-	7.59	7.73	7.97	8.16	-
372	Aircraft and parts	438.70	450.19	463.58	479.91	-	10.70	10.77	11.40	11.62	-
3721	Aircraft	458.97	469.83	488.40	508.82	-	11.14	11.24	12.00	12.35	-
3724	Aircraft engines and engine parts	431.32	437.38	454.26	466.26	-	10.81	10.72	11.30	11.40	-
3728	Aircraft equipment, nec	408.24	423.29	430.97	442.89	-	9.72	9.89	10.41	10.52	-
373	Ship and boat building and repairing	387.20	387.66	394.62	402.40	-	9.33	9.46	9.94	10.01	-
3731	Shipbuilding and repairing	409.78	407.06	418.08	-	-	9.78	9.88	10.40	-	-
3732	Boat building and repairing	304.36	315.15	292.53	303.38	-	7.59	7.82	7.78	7.88	-
374	Railroad equipment	438.20	435.37	435.86	438.48	-	11.15	11.05	11.47	11.69	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Oct. 1981	Nov. 1981	Sept. 1982	Oct. 1982P	Nov. 1982P	Oct. 1981	Nov. 1981	Sept. 1982	Oct. 1982P	Nov. 1982P
	MACHINERY, EXCEPT ELECTRICAL—Continued	39.6	39.9	37.9	37.7	-	1.8	1.8	1.0	1.2	-
3531	Construction machinery	38.7	39.6	38.3	38.5	-	2.0	2.1	.9	.8	-
3532	Mining machinery	45.0	45.7	39.1	39.6	-	6.1	6.2	1.8	1.8	-
3533	Oil field machinery	39.1	39.7	38.0	38.4	-	2.6	3.0	1.8	1.8	-
3535	Conveyors and conveying equipment	38.6	39.0	37.0	37.9	-	2.1	2.3	1.6	1.2	-
3537	Industrial trucks and tractors	41.1	41.3	39.0	38.9	-	3.9	3.8	2.2	2.2	-
354	Metalworking machinery	41.2	41.5	37.8	36.5	-	4.1	4.0	1.3	1.2	-
3541	Machine tools, metal cutting types	38.4	39.3	36.9	36.4	-	2.6	3.1	1.3	.9	-
3542	Machine tools, metal forming types	42.0	42.2	40.0	40.0	-	4.7	4.6	3.2	3.1	-
3544	Special dies, tools, jigs, and fixtures	40.3	40.1	37.3	38.1	-	3.2	3.0	1.0	1.2	-
3545	Machine tool accessories	39.5	39.9	39.6	38.4	-	2.2	2.1	2.4	2.3	-
3546	Power driven hand tools	40.5	41.0	39.1	39.9	-	2.7	2.7	2.1	2.1	-
355	Special industry machinery	39.3	40.2	39.8	40.6	-	2.1	2.2	2.0	2.3	-
3551	Food products machinery	39.8	40.2	37.8	38.2	-	1.7	2.0	1.3	1.5	-
3552	Textile machinery	41.9	42.4	38.9	40.8	-	3.4	3.5	2.4	2.5	-
3555	Printing trades machinery	40.3	40.8	38.5	38.7	-	2.8	2.8	1.7	1.5	-
356	General industrial machinery	40.1	40.2	38.0	37.8	-	2.8	2.8	1.4	1.1	-
3561	Pumps and pumping equipment	41.5	41.8	39.9	40.1	-	3.2	3.1	2.0	1.9	-
3562	Ball and roller bearings	42.0	41.7	38.3	39.2	-	3.8	3.3	2.6	2.0	-
3563	Air and gas compressors	40.1	40.5	35.4	35.1	-	3.3	3.2	1.7	1.5	-
3564	Blowers and fans	40.2	40.7	34.8	36.5	-	2.7	2.7	.7	.8	-
3566	Speed changers, drives, and gears	39.7	40.8	37.3	37.7	-	1.8	2.1	1.5	.9	-
3568	Power transmission equipment, nec	41.4	41.8	41.0	40.6	-	3.0	3.1	2.2	2.0	-
357	Office and computing machines	41.7	42.2	41.2	40.8	-	3.3	3.8	2.5	2.2	-
3573	Electronic computing equipment	40.4	40.7	38.8	39.1	-	2.1	2.1	1.5	1.6	-
358	Refrigeration and service machinery	39.5	39.7	38.8	39.0	-	2.0	1.7	1.2	1.6	-
3585	Refrigeration and heating equipment	40.3	40.4	38.6	38.5	-	3.4	3.2	1.9	1.9	-
359	Misc. machinery, except electrical	39.6	40.0	37.4	37.8	-	1.8	1.7	1.5	1.4	-
3592	Carburetors, pistons, rings, valves	40.4	40.4	38.8	38.6	-	3.7	3.4	2.0	2.0	-
3599	Machinery, except electrical, nec										
36	**ELECTRIC AND ELECTRONIC EQUIPMENT**	39.9	39.8	38.8	39.1	39.5	2.2	2.1	1.8	1.8	-
361	Electric distributing equipment	39.7	39.5	36.7	38.0	-	2.4	2.2	2.0	1.5	-
3612	Transformers	40.3	39.5	39.4	38.5	-	2.5	2.2	2.6	1.8	-
3613	Switchgear and switchboard apparatus	39.3	39.5	38.1	37.6	-	2.3	2.2	1.4	1.4	-
362	Electrical industrial apparatus	40.2	40.1	37.2	38.3	-	2.4	2.2	1.4	1.4	-
3621	Motors and generators	40.2	40.3	37.7	39.2	-	2.4	2.2	1.5	1.5	-
3622	Industrial controls	39.8	39.9	37.5	37.5	-	2.3	2.1	1.4	1.3	-
363	Household appliances	38.7	36.0	38.6	38.4	-	1.7	1.3	1.4	1.7	-
3632	Household refrigerators and freezers	38.2	33.3	40.0	36.8	-	1.1	.5	1.2	1.2	-
3633	Household laundry equipment	37.3	33.9	38.1	38.2	-	.9	.3	.4	.8	-
3634	Electric housewares and fans	39.0	38.0	38.6	39.5	-	2.2	1.6	1.9	2.1	-
364	Electric lighting and wiring equipment	39.4	39.7	38.6	39.1	-	2.1	2.1	1.5	1.5	-
3641	Electric lamps	40.8	41.0	39.3	40.8	-	1.9	2.0	1.4	1.6	-
3643	Current-carrying wiring devices	39.4	39.8	37.8	38.5	-	2.6	2.4	1.5	1.6	-
3644	Noncurrent-carrying wiring devices	39.4	39.5	37.0	38.3	-	2.1	2.6	1.2	1.8	-
3645	Residential lighting fixtures	38.3	37.4	38.2	38.9	-	1.5	1.4	1.5	1.5	-
365	Radio and TV receiving equipment	39.8	39.7	38.1	38.7	-	1.5	1.3	1.7	1.2	-
3651	Radio and TV receiving sets	39.6	39.6	37.1	38.5	-	1.6	1.6	1.0	1.0	-
366	Communication equipment	40.6	40.6	40.0	40.1	-	2.5	2.6	2.2	2.1	-
3661	Telephone and telegraph apparatus	40.9	40.6	39.5	39.4	-	2.8	2.8	2.0	1.7	-
3662	Radio and TV communication equipment	40.4	40.6	40.2	40.8	-	2.3	2.5	2.2	2.3	-
367	Electronic components and accessories	39.7	40.1	38.9	39.3	-	2.3	2.3	2.0	2.3	-
3671 3	Electronic tubes	39.6	40.4	40.3	40.1	-	2.0	2.0	1.9	1.7	-
3674	Semiconductors and related devices	40.3	40.4	39.2	39.2	-	2.4	2.3	2.4	2.3	-
3679	Electronic components, nec	39.9	40.4	39.1	40.0	-	2.3	2.5	1.9	2.1	-
369	Misc. electrical equipment and supplies	40.7	40.5	39.1	39.3	-	2.4	2.0	1.7	1.7	-
3691	Storage batteries	42.0	41.2	38.7	39.6	-	3.1	2.4	2.5	2.4	-
3694	Engine electrical equipment	39.4	39.1	38.5	38.6	-	1.8	1.8	1.5	1.3	-
37	**TRANSPORTATION EQUIPMENT**	41.0	40.8	39.5	40.4	40.9	3.0	2.8	2.6	2.6	-
371	Motor vehicles and equipment	41.0	40.3	38.7	40.0	-	2.8	2.1	2.2	1.9	-
3711	Motor vehicles and car bodies	41.7	40.5	37.3	40.1	-	3.0	2.1	2.0	2.2	-
3713	Truck and bus bodies	40.4	40.8	40.6	38.8	-	3.0	2.7	1.7	.4	-
3714	Motor vehicle parts and accessories	40.6	40.3	39.7	40.2	-	2.6	2.1	2.5	1.9	-
3715	Truck trailers	39.3	39.1	38.6	38.3	-	2.2	1.5	.9	1.3	-
372	Aircraft and parts	41.0	41.8	40.7	41.3	-	3.4	3.5	3.3	3.5	-
3721	Aircraft	41.2	41.8	40.7	41.2	-	2.9	3.0	2.8	2.9	-
3724	Aircraft engines and engine parts	39.9	40.8	40.2	40.9	-	3.3	3.7	3.7	4.0	-
3728	Aircraft equipment, nec	42.0	42.8	41.4	42.1	-	4.3	4.4	3.7	3.9	-
373	Ship and boat building and repairing	41.5	41.0	39.7	40.2	-	3.4	3.4	2.8	3.0	-
3731	Ship building and repairing	41.9	41.2	40.2	-	-	3.4	3.4	3.2	-	-
3732	Boat building and repairing	40.1	40.3	37.6	38.5	-	3.1	3.4	1.3	2.0	-
374	Railroad equipment	39.3	39.4	38.0	37.8	-	2.6	2.3	1.5	1.6	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Oct. 1981	Nov. 1981	Sept. 1982	Oct. 1982P	Nov. 1982P	Oct. 1981	Nov. 1981	Sept. 1982	Oct. 1982P	Nov. 1982P
	TRANSPORTATION EQUIPMENT—Continued										
376	Guided missiles, space vehicles, parts	$418.37	$434.89	$450.55	$458.06	-	$10.33	$10.53	$11.07	$11.31	-
3761	Guided missiles and space vehicles	430.54	447.84	466.16	473.21	-	10.71	10.87	11.26	11.57	-
379	Miscellaneous transportation equipment	324.41	332.05	365.51	359.91	-	8.03	8.26	9.23	9.30	-
3792	Travel trailers and campers	279.80	263.90	283.87	256.48	-	7.23	7.23	7.82	7.97	-
38	**INSTRUMENTS AND RELATED PRODUCTS**	307.04	313.34	335.91	338.11	$340.75	7.60	7.68	8.44	8.48	$8.54
381	Engineering and scientific instruments	328.02	331.68	345.66	349.00	-	8.02	8.07	8.62	8.65	-
382	Measuring and controlling devices	305.78	311.60	345.93	347.10	-	7.55	7.60	8.78	8.90	-
3822	Environmental controls	274.45	279.74	300.67	297.66	-	7.11	7.10	7.83	7.98	-
3823	Process control instruments	323.51	336.61	327.46	322.48	-	7.63	7.81	8.29	8.29	-
3825	Instruments to measure electricity	317.56	320.74	368.93	368.38	-	7.88	7.90	9.85	10.06	-
383	Optical instruments and lenses	321.50	334.95	356.00	345.63	-	8.16	8.25	8.79	8.75	-
384	Medical instruments and supplies	262.42	270.12	275.97	276.36	-	6.61	6.77	7.04	7.05	-
3841	Surgical and medical instruments	263.06	272.10	276.58	283.77	-	6.56	6.76	7.06	7.13	-
3842	Surgical appliances and supplies	262.52	268.49	276.28	272.30	-	6.68	6.79	7.03	7.00	-
385	Ophthalmic goods	226.69	230.66	241.56	233.23	-	5.71	5.81	6.10	6.17	-
386	Photographic equipment and supplies	415.80	418.62	440.75	439.93	-	9.90	9.92	10.75	10.73	-
387	Watches, clocks, and watchcases	229.50	231.08	238.76	242.53	-	5.81	5.88	6.06	6.14	-
39	**MISCELLANEOUS MANUFACTURING INDUSTRIES**	237.77	241.35	250.51	253.24	256.50	6.05	6.11	6.49	6.51	6.56
391	Jewelry, silverware, and plated ware	262.02	268.52	263.50	274.13	-	6.60	6.63	6.88	6.94	-
3911	Jewelry, precious metal	265.16	271.75	263.15	272.30	-	6.73	6.76	6.98	7.00	-
393	Musical instruments	232.76	237.12	244.86	260.95	-	6.03	6.08	6.60	6.58	-
394	Toys and sporting goods	222.61	224.19	237.16	232.48	-	5.65	5.69	6.05	6.07	-
3942, 4	Dolls, games, toys, and children's vehicles	203.70	206.12	219.43	214.68	-	5.25	5.34	5.67	5.62	-
3949	Sporting and athletic goods, nec	243.41	242.41	254.87	249.33	-	6.07	6.03	6.42	6.51	-
395	Pens, pencils, office and art supplies	246.98	256.85	267.70	269.05	-	6.19	6.28	6.76	6.76	-
396	Costume jewelry and notions	202.79	208.68	210.43	211.14	-	5.16	5.23	5.48	5.47	-
3961	Costume jewelry	184.99	193.03	200.07	196.10	-	4.78	4.85	5.13	5.12	-
399	Miscellaneous manufactures	252.85	253.22	267.33	271.52	-	6.50	6.56	6.98	6.98	-
3993	Signs and advertising displays	275.18	275.41	296.04	301.07	-	7.02	7.08	7.63	7.70	-
	NONDURABLE GOODS										
20	**FOOD AND KINDRED PRODUCTS**	296.65	302.68	315.61	312.04	317.60	7.51	7.61	7.91	7.86	8.00
201	Meat products	294.00	304.00	296.29	296.16	-	7.50	7.60	7.52	7.46	-
2011	Meat packing plants	377.15	390.64	370.12	375.62	-	9.11	9.17	8.94	8.88	-
2013	Sausages and other prepared meats	345.05	350.76	358.70	354.82	-	8.78	8.88	8.99	8.96	-
2016	Poultry dressing plants	179.22	186.00	192.18	190.32	-	4.87	5.00	5.18	5.13	-
202	Dairy products	311.81	323.75	343.62	334.53	-	7.68	7.82	8.30	8.26	-
2022	Cheese, natural and processed	285.32	298.62	311.66	306.13	-	7.26	7.41	7.89	7.89	-
2026	Fluid milk	327.98	340.23	361.22	350.24	-	7.98	8.12	8.58	8.46	-
203	Preserved fruits and vegetables	251.90	249.72	280.70	269.10	-	6.56	6.52	7.00	6.90	-
2032	Canned specialties	335.79	336.80	364.99	355.06	-	7.58	7.62	8.41	8.20	-
2033	Canned fruits and vegetables	241.98	233.36	278.11	262.48	-	6.47	6.29	6.85	6.80	-
2037	Frozen fruits and vegetables	237.86	238.64	278.12	252.70	-	6.36	6.33	6.80	6.43	-
204	Grain mill products	361.66	363.38	400.09	400.64	-	8.45	8.51	9.24	9.21	-
2041	Flour and other grain mill products	375.85	378.16	420.63	417.90	-	8.46	8.46	9.41	9.37	-
2048	Prepared feeds, nec	294.29	297.30	316.39	313.04	-	6.86	6.93	7.29	7.28	-
205	Bakery products	305.98	308.99	327.85	324.42	-	8.01	8.11	8.56	8.56	-
2051	Bread, cake, and related products	305.42	311.58	329.57	323.63	-	8.08	8.21	8.65	8.63	-
2052	Cookies and crackers	306.54	301.82	326.09	326.82	-	7.82	7.86	8.34	8.38	-
206	Sugar and confectionery products	294.94	293.35	313.60	316.92	-	7.69	7.19	7.84	7.60	-
2061-3	Cane and beet sugar	346.54	351.85	385.95	375.16	-	7.77	8.07	9.30	8.30	-
2065	Confectionery products	252.73	246.63	264.32	268.49	-	6.35	6.34	6.83	6.78	-
207	Fats and oils	334.96	343.77	364.56	357.52	-	7.90	7.76	8.40	8.20	-
208	Beverages	367.49	379.76	401.94	392.80	-	9.28	9.40	9.90	9.82	-
2082	Malt beverages	529.05	553.41	569.68	544.48	-	12.81	12.90	13.39	13.28	-
2086	Bottled and canned soft drinks	262.48	268.50	295.20	286.99	-	6.80	6.92	7.38	7.34	-
209	Misc. foods and kindred products	248.52	252.50	258.75	256.73	-	6.54	6.68	6.90	6.92	-
21	**TOBACCO MANUFACTURES**	341.60	350.75	379.93	376.66	393.72	8.67	9.04	9.57	9.56	10.20
211	Cigarettes	447.83	445.50	480.64	475.01	-	11.14	11.25	12.23	12.37	-
22	**TEXTILE MILL PRODUCTS**	225.37	224.62	223.85	228.14	231.47	5.72	5.73	5.86	5.88	5.92
221	Weaving mills, cotton	241.38	235.99	230.12	238.76	-	5.96	5.97	6.04	6.06	-
222	Weaving mills, synthetics	251.71	250.71	233.74	247.33	-	6.08	6.10	6.20	6.23	-
223	Weaving and finishing mills, wool	236.34	242.13	227.30	233.36	-	5.85	5.92	6.16	6.19	-
224	Narrow fabric mills	201.37	208.43	218.23	214.86	-	5.19	5.29	5.61	5.61	-
225	Knitting mills	197.40	197.78	204.17	204.92	-	5.25	5.26	5.43	5.45	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Oct. 1981	Nov. 1981	Sept. 1982	Oct. 1982P	Nov. 1982P	Oct. 1981	Nov. 1981	Sept. 1982	Oct. 1982P	Nov. 1982P
	TRANSPORTATION EQUIPMENT—Continued										
376	Guided missiles, space vehicles, parts	40.5	41.3	40.7	40.5	-	3.0	3.2	3.0	3.4	-
3761	Guided missiles and space vehicles	40.2	41.2	41.4	40.9	-	2.8	2.9	3.2	3.6	-
379	Miscellaneous transportation equipment	40.4	40.2	39.6	38.7	-	2.3	2.6	3.5	2.5	-
3792	Travel trailers and campers	38.7	38.5	36.3	37.2	-	2.0	1.0	1.4	1.9	-
38	**INSTRUMENTS AND RELATED PRODUCTS**	40.4	40.8	39.8	39.4	39.9	2.2	2.3	1.6	1.8	-
381	Engineering and scientific instruments	40.9	41.1	40.1	40.3	-	2.7	2.7	2.0	2.2	-
382	Measuring and controlling devices	40.5	41.0	39.4	39.0	-	2.1	2.1	1.0	1.0	-
3822	Environmental controls	38.6	39.4	38.4	37.8	-	1.4	1.4	.8	.8	-
3823	Process control instruments	42.4	43.1	39.5	38.9	-	3.1	3.1	1.5	1.0	-
3825	Instruments to measure electricity	40.3	40.6	40.5	39.6	-	1.9	1.9	.9	.3	-
383	Optical instruments and lenses	39.4	40.6	40.5	39.5	-	2.0	2.4	2.0	1.6	-
384	Medical instruments and supplies	39.7	39.9	39.2	39.2	-	2.3	2.3	1.9	1.6	-
3841	Surgical and medical instruments	40.1	40.4	39.6	39.3	-	2.3	2.3	2.2	1.9	-
3842	Surgical appliances and supplies	39.3	39.6	39.3	38.9	-	2.4	2.6	1.9	1.5	-
385	Ophthalmic goods	39.7	39.7	39.6	37.8	-	1.3	1.4	1.7	1.0	-
386	Photographic equipment and supplies	42.0	42.2	41.0	41.0	-	2.8	2.7	2.0	2.2	-
387	Watches, clocks, and watchcases	39.5	39.3	39.4	39.5	-	2.0	1.6	2.3	2.2	-
39	**MISCELLANEOUS MANUFACTURING INDUSTRIES**	39.3	39.5	38.6	38.9	39.1	2.2	2.3	1.8	1.9	-
391	Jewelry, silverware, and plated ware	39.7	40.5	38.3	39.5	-	3.0	3.3	1.7	2.4	-
3911	Jewelry, precious metal	39.4	40.2	37.7	38.9	-	3.2	3.7	1.8	2.8	-
393	Musical instruments	38.6	39.0	37.1	39.9	-	1.6	1.4	.6	1.6	-
394	Toys and sporting goods	39.4	39.4	39.2	38.3	-	2.2	2.0	1.6	1.4	-
3942, 4	Dolls, games, toys, and children's vehicles	38.8	38.6	38.7	38.2	-	1.7	1.7	1.2	1.1	-
3949	Sporting and athletic goods, nec	40.1	40.2	39.7	38.3	-	2.6	2.3	2.1	1.7	-
395	Pens, pencils, office and art supplies	39.9	40.9	39.6	39.8	-	1.9	2.3	1.6	1.2	-
396	Costume jewelry and notions	39.3	39.9	38.4	38.6	-	2.3	3.3	2.7	2.5	-
3961	Costume jewelry	38.7	39.8	39.0	38.3	-	2.0	4.1	3.9	3.1	-
399	Miscellaneous manufactures	38.9	38.6	38.3	38.9	-	2.0	1.8	1.9	2.0	-
3993	Signs and advertising displays	39.2	38.9	38.8	39.1	-	2.5	2.2	2.0	2.1	-
	NONDURABLE GOODS										
20	**FOOD AND KINDRED PRODUCTS**	39.5	39.8	39.5	39.7	39.7	3.7	3.8	4.2	3.8	-
201	Meat products	39.2	40.0	39.4	39.7	-	3.5	4.2	3.5	3.6	-
2011	Meat packing plants	41.4	42.6	41.4	42.3	-	4.5	5.6	4.8	4.7	-
2013	Sausages and other prepared meats	39.3	39.5	39.5	39.6	-	3.5	3.7	3.2	3.4	-
2016	Poultry dressing plants	36.8	37.2	37.1	37.1	-	2.3	2.8	2.4	2.7	-
202	Dairy products	40.6	41.4	41.4	40.5	-	3.4	3.8	4.3	3.5	-
2022	Cheese, natural and processed	39.3	40.3	39.5	38.8	-	2.9	3.5	3.7	3.3	-
2026	Fluid milk	41.1	41.9	42.1	41.4	-	3.8	4.2	4.7	3.9	-
203	Preserved fruits and vegetables	38.4	38.3	40.1	39.0	-	3.3	2.8	5.4	4.4	-
2032	Canned specialties	44.3	44.2	43.4	43.3	-	4.6	4.9	6.1	7.3	-
2033	Canned fruits and vegetables	37.4	37.1	40.6	38.6	-	3.4	2.6	6.1	4.6	-
2037	Frozen fruits and vegetables	37.4	37.7	40.5	39.3	-	3.4	2.6	6.5	4.3	-
204	Grain mill products	42.8	42.7	43.3	43.5	-	5.7	5.2	6.1	5.9	-
2041	Flour and other grain mill products	44.9	44.7	44.7	44.6	-	5.6	5.2	7.1	6.9	-
2048	Prepared feeds, nec	42.9	42.9	43.4	43.0	-	5.7	5.5	6.0	5.5	-
205	Bakery products	38.2	38.1	38.3	37.9	-	3.0	3.0	3.1	2.9	-
2051	Bread, cake, and related products	37.8	38.0	38.1	37.5	-	3.1	3.4	3.3	2.9	-
2052	Cookies and crackers	39.2	38.4	39.1	39.0	-	2.7	2.1	2.7	2.3	-
206	Sugar and confectionery products	41.6	40.8	40.0	41.7	-	4.3	3.5	3.4	4.2	-
2061-3	Cane and beet sugar	44.6	43.6	41.5	45.2	-	6.7	5.4	5.2	7.2	-
2065	Confectionery products	38.8	38.9	38.7	39.6	-	3.2	2.7	2.4	2.5	-
207	Fats and oils	42.4	44.3	43.4	43.6	-	5.7	6.6	5.7	5.5	-
208	Beverages	39.6	40.4	40.6	40.0	-	3.8	3.9	4.0	3.5	-
2082	Malt beverages	41.3	42.9	42.5	41.0	-	6.2	6.7	5.4	4.6	-
2086	Bottled and canned soft drinks	38.6	38.8	40.0	39.1	-	2.9	3.0	3.3	2.7	-
209	Misc. foods and kindred products	38.0	37.8	37.5	37.1	-	3.2	3.2	3.1	2.8	-
21	**TOBACCO MANUFACTURES**	39.4	38.8	39.7	39.4	38.6	1.9	2.2	1.8	2.2	-
211	Cigarettes	40.2	39.6	39.3	38.4	-	2.5	2.7	1.9	1.8	-
22	**TEXTILE MILL PRODUCTS**	39.4	39.2	38.2	38.8	39.1	2.8	2.8	2.3	2.5	-
221	Weaving mills, cotton	40.5	40.2	38.1	39.4	-	3.1	3.1	2.5	2.8	-
222	Weaving mills, synthetics	41.4	41.1	37.7	39.7	-	3.8	3.6	2.0	2.3	-
223	Weaving and finishing mills, wool	40.4	40.9	36.9	37.7	-	4.0	4.2	2.8	2.8	-
224	Narrow fabric mills	38.8	39.4	38.9	38.3	-	2.4	2.8	1.6	1.5	-
225	Knitting mills	37.6	37.6	37.6	37.6	-	2.1	2.0	2.2	2.3	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Oct. 1981	Nov. 1981	Sept. 1982	Oct. 1982	Nov. 1982	Oct. 1981	Nov. 1981	Sept. 1982	Oct. 1982	Nov. 1982
	TEXTILE MILL PRODUCTS—Continued										
2251	Women's hosiery, except socks	$185.87	$191.17	$203.68	$201.02	-	$5.01	$5.07	$5.36	$5.29	-
2252	Hosiery, nec	186.24	180.21	191.05	200.76	-	4.94	4.94	5.22	5.27	-
2253	Knit outerwear mills	195.43	194.91	196.65	196.84	-	5.17	5.17	5.23	5.32	-
2254	Knit underwear mills	181....	179.99	183.37	187.76	-	5.02	5.07	5.18	5.23	-
2257	Circular knit fabric mills	230.68	234.24	248.46	238.00	-	5.93	5.93	6.06	6.11	-
226	Textile finishing, except wool	245.01	247.23	247.10	246.25	-	6.11	6.15	6.24	6.25	-
2261	Finishing plants, cotton	246.23	244.77	248.58	244.93	-	6.11	6.15	6.23	6.27	-
2262	Finishing plants, synthetics	257.35	263.57	249.72	254.28	-	6.37	6.46	6.52	6.52	-
227	Floor covering mills	227.33	225.38	231.55	237.37	-	5.92	5.90	6.03	6.04	-
228	Yarn and thread mills	208.50	203.68	210.48	212.52	-	5.36	5.36	5.51	5.52	-
2281	Yarn mills, except wool	209.28	203.36	211.85	212.94	-	5.38	5.38	5.46	5.48	-
2282	Throwing and winding mills	200.34	196.61	203.29	197.84	-	5.15	5.12	5.42	5.40	-
229	Miscellaneous textile goods	257.26	257.07	267.71	265.32	-	6.29	6.27	6.61	6.60	-
23	APPAREL AND OTHER TEXTILE PRODUCTS	180.79	180.43	182.52	183.56	$184.45	5.05	5.04	5.20	5.20	$5.24
231	Men's and boys' suits and coats	212.58	214.33	208.49	211.32	-	5.84	5.84	5.94	6.03	-
232	Men's and boys' furnishings	166.17	165.80	171.00	170.65	-	4.62	4.65	4.79	4.78	-
2321	Men's and boys' shirts and nightwear	163.99	166.35	163.22	162.62	-	4.53	4.57	4.65	4.62	-
2322	Men's and boys' separate trousers	171.34	175.01	170.72	173.50	-	4.72	4.73	4.85	4.86	-
2328	Men's and boys' work clothing	165.13	166.35	173.63	172.31	-	4.51	4.57	4.77	4.75	-
233	Women's and misses' outerwear	169.68	168.67	169.76	171.31	-	5.02	5.02	5.16	5.16	-
2331	Women's and misses' blouses and waists	160.95	160.35	162.93	166.60	-	4.72	4.73	4.75	4.76	-
2335	Women's and misses' dresses	169.11	166.02	167.38	170.77	-	5.14	5.14	5.28	5.32	-
2337	Women's and misses' suits and coats	181.91	183.26	183.61	181.90	-	5.58	5.52	5.72	5.72	-
2339	Women's and misses' outerwear, nec	169.53	167.95	168.84	169.32	-	4.83	4.84	5.01	4.98	-
234	Women's and children's undergarments	167.99	168.63	169.22	174.69	-	4.59	4.62	4.74	4.76	-
2341	Women's and children's underwear	165.88	166.08	167.65	172.96	-	4.52	4.55	4.67	4.70	-
2342	Brassieres and allied garments	177.38	175.82	179.40	183.09	-	4.90	4.94	5.17	5.10	-
236	Children's outerwear	167.40	169.82	164.85	168.99	-	4.65	4.64	4.67	4.68	-
2361	Children's dresses and blouses	166.06	165.24	159.51	169.42	-	4.60	4.59	4.61	4.68	-
238	Misc. apparel and accessories	187.13	190.38	186.54	190.94	-	4.99	5.01	5.24	5.26	-
239	Misc. fabricated textile products	225.97	223.30	234.69	231.55	-	5.90	5.80	6.08	6.03	-
2391	Curtains and draperies	160.38	160.92	178.26	166.48	-	4.48	4.47	4.63	4.80	-
2392	House furnishing, nec	197.39	198.86	205.93	208.28	-	5.01	5.06	5.24	5.22	-
2396	Automotive and apparel trimmings	403.22	393.57	405.73	405.67	-	10.26	10.04	10.43	10.27	-
26	PAPER AND ALLIED PRODUCTS	373.97	376.05	401.57	396.98	403.20	8.82	8.89	9.63	9.52	9.60
261,2,6	Paper and pulp mills	462.65	462.17	504.83	491.19	-	10.42	10.48	11.37	11.24	-
262	Paper mills, except building paper	465.30	466.82	511.43	496.16	-	10.34	10.42	11.34	11.20	-
263	Paperboard mills	459.39	462.61	474.57	468.95	-	10.37	10.49	11.67	11.41	-
264	Misc. converted paper products	318.20	322.64	338.58	337.77	-	7.78	7.85	8.36	8.34	-
2641	Paper coating and glazing	376.58	384.07	392.47	357.63	-	8.84	8.87	9.48	9.49	-
2642	Envelopes	290.97	295.71	305.60	310.64	-	7.22	7.23	7.64	7.67	-
2643	Bags, except textile bags	300.94	306.27	321.81	319.39	-	7.34	7.38	7.83	7.79	-
265	Paperboard containers and boxes	317.54	316.11	340.66	341.12	-	7.67	7.71	8.37	8.32	-
2651	Folding paperboard boxes	320.60	324.50	341.78	343.54	-	7.73	7.81	8.46	8.42	-
2653	Corrugated and solid fiber boxes	338.10	331.28	367.84	363.27	-	8.05	8.08	8.80	8.67	-
2654	Sanitary food containers	295.92	303.26	314.03	320.40	-	7.20	7.29	7.91	7.99	-
27	PRINTING AND PUBLISHING	312.48	314.07	331.08	328.56	331.82	8.40	8.42	8.90	8.98	8.92
271	Newspapers	286.24	287.24	300.16	295.48	-	8.57	8.60	8.96	8.90	-
272	Periodicals	292.06	300.55	336.50	342.75	-	7.83	8.09	9.07	9.14	-
273	Books	296.29	298.36	321.26	323.19	-	7.88	7.79	8.41	8.55	-
2731	Book publishing	276.35	284.64	303.75	295.65	-	7.53	7.55	8.10	8.10	-
2732	Book printing	317.24	313.15	341.25	355.39	-	8.24	8.05	8.75	9.02	-
274	Miscellaneous publishing	277.97	273.92	296.75	293.02	-	7.70	7.63	8.13	8.05	-
275	Commercial printing	336.59	335.72	356.43	352.13	-	8.72	8.72	9.21	9.17	-
2751	Commercial printing, letterpress	314.11	311.33	336.98	329.08	-	8.18	8.15	8.73	8.66	-
2752	Commercial printing, lithographic	347.53	345.66	363.39	360.91	-	8.98	8.96	9.39	9.35	-
276	Manifold business forms	334.06	342.31	341.50	351.65	-	8.31	8.39	8.87	8.88	-
278	Blankbooks and bookbinding	244.22	249.48	261.59	261.13	-	6.41	6.43	6.83	6.89	-
279	Printing trade services	392.70	398.66	410.58	407.86	-	10.28	10.36	10.72	10.79	-
28	CHEMICALS AND ALLIED PRODUCTS	388.86	391.67	420.24	417.79	422.30	9.37	9.42	10.20	10.24	10.25
281	Industrial inorganic chemicals	431.55	438.84	456.52	453.66	-	10.50	10.60	11.31	11.37	-
2819	Industrial inorganic chemicals, nec	432.72	438.54	456.46	456.17	-	10.58	10.67	11.44	11.57	-
282	Plastics materials and synthetics	381.47	386.32	424.96	413.70	-	9.17	9.22	10.24	10.24	-
2821	Plastics materials and resins	426.70	431.00	464.36	457.88	-	10.04	10.07	11.03	11.06	-
2824	Organic fibers, noncellulosic	357.79	361.57	402.11	387.29	-	8.58	8.65	9.76	9.78	-
283	Drugs	351.88	360.26	379.76	384.29	-	8.52	8.66	9.24	9.35	-
2834	Pharmaceutical preparations	332.10	341.12	362.39	366.02	-	8.20	8.32	8.97	9.06	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Oct. 1981	Nov. 1981	Sept. 1982	Oct. 1982P	Nov. 1982P	Oct. 1981	Nov. 1981	Sept. 1982	Oct. 1982P	Nov. 1982P
	TEXTILE MILL PRODUCTS—Continued										
2251	Women's hosiery, except socks	37.1	38.1	38.0	38.0	-	2.2	2.4	2.3	2.3	-
2252	Hosiery, nec	37.7	36.5	36.6	36.1	-	2.0	1.6	1.8	2.3	-
2253	Knit outerwear mills	37.8	37.7	37.6	37.0	-	2.4	2.3	2.2	2.3	-
2254	Knit underwear mills	36.1	35.5	35.4	35.5	-	1.2	1.2	1.3	1.1	-
2257	Circular knit fabric mills	38.9	39.5	41.0	39.6	-	2.4	2.8	3.5	3.5	-
226	Textile finishing, except wool	40.1	40.2	39.6	39.4	-	3.2	3.5	2.5	2.9	-
2261	Finishing plants, cotton	40.3	39.8	39.9	39.0	-	3.0	3.0	2.2	2.5	-
2262	Finishing plants, synthetics	40.4	40.8	38.3	39.0	-	3.5	4.3	2.7	2.7	-
227	Floor covering mills	38.4	38.2	38.4	39.3	-	2.3	1.9	2.1	2.3	-
228	Yarn and thread mills	38.9	38.9	38.2	38.5	-	2.5	2.2	2.6	2.7	-
2281	Yarn mills, except wool	38.9	37.8	38.8	39.0	-	2.5	2.1	2.8	2.6	-
2282	Throwing and winding mills	38.9	38.4	37.5	36.3	-	3.0	2.7	2.2	1.8	-
229	Miscellaneous textile goods	40.9	41.0	40.5	40.2	-	3.5	3.3	2.7	2.6	-
23	**APPAREL AND OTHER TEXTILE PRODUCTS**	35.8	35.8	35.1	35.3	35.2	1.2	1.2	1.0	1.1	-
231	Men's and boys' suits and coats	36.4	36.7	35.1	34.7	-	.8	.9	.7	.5	-
232	Men's and boys' furnishings	36.4	36.3	35.7	35.7	-	.9	1.0	.9	.9	-
2321	Men's and boys' shirts and nightwear	36.2	36.4	35.1	35.2	-	.9	1.0	1.0	1.1	-
2327	Men's and boys' separate trousers	36.3	37.0	35.2	35.7	-	.9	1.0	.9	.9	-
2328	Men's and boys' work clothing	37.5	36.4	36.4	36.2	-	1.0	1.0	1.2	.9	-
233	Women's and misses' outerwear	33.8	33.6	32.9	33.2	-	1.0	.9	.9	1.0	-
2331	Women's and misses' blouses and waists	34.1	33.9	34.3	35.0	-	.9	.8	1.1	1.2	-
2335	Women's and misses' dresses	32.9	32.3	31.7	32.1	-	1.0	.9	.7	.8	-
2337	Women's and misses' suits and coats	32.6	33.2	32.1	31.8	-	.8	1.0	.9	.8	-
2339	Women's and misses' outerwear, nec	35.1	34.7	33.9	34.0	-	1.1	1.0	.8	1.0	-
234	Women's and children's undergarments	36.6	36.5	35.7	36.7	-	1.6	1.5	.9	1.3	-
2341	Women's and children's underwear	36.7	36.9	35.9	36.8	-	1.7	1.6	1.0	1.4	-
2342	Brassieres and allied garments	36.2	36.4	34.7	35.9	-	1.3	1.2	.6	.8	-
236	Children's outerwear	36.0	36.6	35.3	36.1	-	1.4	1.4	.9	1.3	-
2361	Children's dresses and blouses	36.1	36.0	34.6	36.2	-	1.5	1.3	.8	1.3	-
238	Misc. apparel and accessories	37.5	36.0	35.6	36.3	-	1.8	1.7	1.2	1.5	-
239	Misc. fabricated textile products	38.3	38.5	38.6	38.4	-	2.0	1.8	1.8	1.9	-
2391	Curtains and draperies	35.8	36.0	38.5	35.1	-	.8	.9	1.6	1.1	-
2392	House furnishings, nec	39.4	39.3	39.3	39.9	-	2.6	2.8	2.3	2.9	-
2396	Automotive and apparel trimmings	39.3	39.2	38.9	39.5	-	2.0	.8	2.1	1.9	-
26	**PAPER AND ALLIED PRODUCTS**	42.4	42.3	41.7	41.7	42.0	4.4	4.2	4.6	4.2	-
261, 2, 3	Paper and pulp mills	44.4	44.1	44.4	43.7	-	6.0	6.0	7.0	6.0	-
262	Paper mills, except building paper	45.0	44.8	45.1	44.3	-	6.3	6.2	7.3	6.1	-
263	Paperboard mills	44.3	44.1	43.7	43.1	-	7.1	6.6	7.2	6.4	-
264	Misc. converted paper products	40.9	41.1	40.5	40.5	-	2.9	2.9	2.7	2.6	-
2641	Paper coating and glazing	42.6	43.3	41.4	41.9	-	3.0	3.3	2.7	2.9	-
2642	Envelopes	40.3	40.9	40.0	40.5	-	2.7	2.7	2.2	2.2	-
2643	Bags, except textile bags	41.0	41.5	41.1	41.0	-	3.3	3.3	3.1	3.1	-
265	Paperboard containers and boxes	41.4	41.0	40.7	41.0	-	3.4	3.0	3.5	3.3	-
2651	Folding paperboard boxes	41.5	41.6	40.4	40.8	-	3.5	3.3	3.1	3.0	-
2653	Corrugated and solid fiber boxes	42.0	41.0	41.8	41.9	-	3.9	3.2	4.3	4.1	-
2654	Sanitary food containers	41.1	41.6	39.7	40.1	-	2.5	2.4	2.5	2.4	-
27	**PRINTING AND PUBLISHING**	37.2	37.3	37.2	37.0	37.2	2.6	2.6	2.5	2.4	-
271	Newspapers	33.4	33.4	33.5	33.2	-	1.8	1.6	1.6	1.4	-
272	Periodicals	37.3	37.2	37.1	37.5	-	2.7	2.4	2.5	2.3	-
273	Books	37.6	38.3	38.2	37.8	-	2.2	2.3	2.1	2.9	-
2731	Book publishing	36.7	37.7	37.5	36.5	-	.8	1.1	1.1	1.1	-
2732	Book printing	38.5	38.9	39.0	39.4	-	3.7	3.6	3.3	4.2	-
274	Miscellaneous publishing	36.1	35.9	36.5	36.4	-	1.7	1.4	1.4	1.5	-
275	Commercial printing	38.6	38.5	38.7	38.4	-	3.2	3.1	3.1	2.9	-
2751	Commercial printing, letterpress	38.4	38.2	38.6	38.0	-	2.6	2.6	3.0	2.6	-
2752	Commercial printing, lithographic	38.7	38.6	38.7	38.6	-	3.5	3.3	3.1	2.9	-
276	Manifold business forms	40.2	40.8	38.5	39.6	-	3.3	3.4	2.2	2.3	-
278	Blankbooks and bookbinding	38.1	38.8	38.3	37.9	-	1.7	1.5	1.7	1.4	-
279	Printing trade service	38.2	38.5	38.3	37.8	-	3.6	3.4	3.8	3.5	-
28	**CHEMICALS AND ALLIED PRODUCTS**	41.5	41.6	41.2	40.8	41.2	3.3	3.1	3.1	2.7	-
281	Industrial inorganic chemicals	41.1	41.4	40.4	39.9	-	3.4	3.4	3.6	3.0	-
2819	Industrial inorganic chemicals, nec	40.9	41.1	39.9	39.6	-	3.3	3.3	3.7	3.2	-
282	Plastics materials and synthetics	41.6	41.9	41.5	40.4	-	3.3	2.9	2.9	2.5	-
2821	Plastics materials and resins	42.5	42.8	42.1	41.4	-	4.3	3.9	4.1	3.3	-
2824	Organic fibers, noncellulosic	41.7	41.8	41.2	39.6	-	2.8	2.3	1.8	1.5	-
283	Drugs	41.3	41.6	41.1	41.1	-	2.8	2.9	2.9	2.7	-
2834	Pharmaceutical preparations	40.5	41.0	40.4	40.4	-	2.8	2.9	2.9	2.7	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Oct. 1981	Nov. 1981	Sept. 1982	Oct. 1982P	Nov. 1982P	Oct. 1981	Nov. 1981	Sept. 1982	Oct. 1982P	Nov. 1982P
	CHEMICALS AND ALLIED PRODUCTS—Cont'd										
284	Soap, cleaners, and toilet goods	$346.63	$352.00	$376.99	$364.59	-	$8.58	$8.67	$9.24	$9.39	-
2841	Soap and other detergents	469.69	479.40	513.65	521.98	-	11.13	11.28	11.89	12.11	-
2844	Toilet preparations	261.80	262.58	288.95	295.46	-	6.73	6.75	7.39	7.48	-
2842, 3	Polishing, sanitation, and finishing preparations	345.17	353.50	364.90	363.45	-	8.46	8.58	8.90	8.93	-
285	Paints and allied products	326.82	320.72	356.82	351.55	-	8.15	8.14	8.96	8.93	-
286	Industrial organic chemicals	480.82	473.19	517.23	510.34	-	11.13	11.03	12.17	12.18	-
2868	Cyclic crudes and intermediates	453.68	448.51	477.43	482.30	-	10.58	10.41	11.56	11.85	-
2861, 9	Gum, wood, and industrial organic chemicals, nec	490.16	483.75	530.24	515.44	-	11.32	11.25	12.36	12.28	-
287	Agricultural chemicals	391.00	390.22	419.84	418.39	-	9.20	9.16	10.02	9.89	-
289	Miscellaneous chemical products	358.39	364.42	380.55	375.85	-	8.72	8.76	9.35	9.38	-
29	PETROLEUM AND COAL PRODUCTS	494.36	495.10	532.95	547.18	$556.70	11.47	11.58	12.62	12.55	$12.71
291	Petroleum refining	529.05	535.41	617.38	567.77	-	12.19	12.28	13.48	13.45	-
295	Paving and roofing materials	389.10	377.24	446.49	425.28	-	9.07	9.09	9.77	9.60	-
30	RUBBER AND MISC. PLASTICS PRODUCTS	293.46	291.67	307.30	304.17	308.48	7.30	7.31	7.76	7.72	7.79
301	Tires and inner tubes	476.01	463.49	481.39	468.80	-	11.47	11.36	11.77	11.72	-
302	Rubber and plastics footwear	182.09	181.67	189.07	197.37	-	4.83	4.91	5.11	5.19	-
303, 4	Reclaimed rubber, and rubber and plastics hose and belting	326.82	319.59	325.22	324.01	-	8.03	8.05	8.05	8.02	-
306	Fabricated rubber products, nec	276.58	277.49	289.65	287.39	-	6.88	6.92	7.39	7.35	-
307	Miscellaneous plastics products	264.80	265.07	281.95	278.64	-	6.62	6.66	7.12	7.09	-
31	LEATHER AND LEATHER PRODUCTS	186.80	187.03	192.06	189.19	192.42	5.09	5.11	5.41	5.39	5.39
311	Leather tanning and finishing	262.19	260.55	277.42	281.65	-	6.74	6.75	7.15	7.25	-
314	Footwear, except rubber	177.25	178.33	182.70	175.05	-	4.91	4.94	5.22	5.16	-
3143	Men's footwear, except athletic	191.21	187.31	193.83	187.53	-	5.14	5.16	5.46	5.42	-
3144	Women's footwear, except athletic	166.47	169.92	176.47	171.86	-	4.77	4.80	5.13	5.04	-
316	Luggage	206.22	205.33	210.50	206.76	-	5.47	5.49	5.88	6.14	-
317	Handbags and personal leather goods	180.38	180.00	175.73	173.89	-	4.81	4.80	4.95	4.94	-
	TRANSPORTATION AND PUBLIC UTILITIES	388.65	393.96	405.85	405.19	406.07	9.54	10.05	10.46	10.47	10.52
	RAILROAD TRANSPORTATION										
4011	Class I railroads[2]	453.05	457.50	465.92	-	-	10.61	10.79	11.59	-	-
41	LOCAL AND INTERURBAN PASSENGER TRANSIT	229.83	231.17	240.70	244.37	-	6.74	6.88	7.25	7.23	-
411	Local and suburban transportation	295.94	298.80	307.71	312.05	-	7.38	7.47	7.81	7.88	-
413	Intercity highway transportation	386.60	396.01	442.65	-	-	10.65	10.82	12.33	-	-
42	TRUCKING AND WAREHOUSING	389.32	391.02	398.66	394.34	-	10.06	10.13	10.36	10.35	-
421, 3	Trucking and trucking terminals	399.64	400.28	406.66	403.56	-	10.30	10.37	10.59	10.62	-
422	Public warehousing	260.06	273.29	290.72	276.58	-	6.88	7.08	7.36	7.03	-
46	PIPE LINES, EXCEPT NATURAL GAS	498.74	500.87	567.24	554.98	-	11.68	11.73	13.04	13.12	-
48	COMMUNICATION	397.79	402.40	415.15	414.49	-	10.02	10.06	10.51	10.52	-
481	Telephone communication	418.40	422.34	441.29	441.38	-	10.46	10.48	11.06	11.09	-
4817	Switchboard operating employees[3]	289.85	302.33	316.65	331.20	-	8.55	8.66	9.43	9.60	-
4818	Line construction employees[4]	524.29	525.92	548.27	545.98	-	11.97	11.98	12.84	12.88	-
483	Radio and television broadcasting	316.30	323.09	330.22	323.36	-	8.39	8.48	8.69	8.60	-
49	ELECTRIC, GAS, AND SANITARY SERVICES	422.69	429.53	449.90	458.16	-	10.21	10.35	10.92	11.04	-
491	Electric services	429.93	434.30	459.68	466.77	-	10.31	10.44	11.05	11.14	-
492	Gas production and distribution	387.32	389.78	401.36	411.86	-	9.47	9.53	9.91	10.07	-
493	Combination utility services	477.25	490.31	516.25	525.32	-	11.50	11.73	12.50	12.61	-
495	Sanitary services	329.99	333.29	361.50	369.46	-	7.99	8.07	8.69	8.86	-
	WHOLESALE AND RETAIL TRADE	192.32	192.68	200.95	200.57	200.66	6.01	6.04	6.26	6.30	6.31
50, 51	WHOLESALE TRADE	298.38	300.69	312.58	314.55	314.93	7.73	7.79	8.14	8.17	8.18
50	WHOLESALE TRADE-DURABLE GOODS	301.86	303.42	313.12	314.67	-	7.74	7.80	8.07	8.11	-
501	Motor vehicles and automotive equipment	269.47	270.94	279.21	279.57	-	7.11	7.13	7.29	7.31	-
502	Furniture and home furnishings	267.38	268.91	280.50	282.00	-	7.13	7.19	7.50	7.48	-
503	Lumber and construction materials	314.82	313.21	311.59	313.53	-	7.97	7.99	8.01	8.06	-
504	Sporting goods, toys, and hobby goods	307.31	306.12	324.42	323.57	-	8.13	8.12	8.56	8.56	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisjory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Oct. 1981	Nov. 1981	Sept. 1982	Oct. 1982[p]	Nov. 1982[p]	Oct. 1981	Nov. 1981	Sept. 1982	Oct. 1982[p]	Nov. 1982[p]
	CHEMICALS AND ALLIED PRODUCTS—Cont'd										
284	Soap, cleaners, and toilet goods	40.4	40.6	40.8	41.0	-	2.9	2.7	3.1	2.3	-
2841	Soap and other detergents	42.2	42.5	43.2	43.1	-	3.9	3.6	4.7	4.4	-
2844	Toilet preparations	38.9	38.9	39.1	39.5	-	2.4	2.2	2.1	2.1	-
2842, 3	Polishing, sanitation, and finishing preparations	40.8	41.2	41.0	40.7	-	2.6	2.7	3.0	2.2	-
285	Paints and allied products	40.1	39.4	39.6	39.5	-	2.2	1.5	2.1	1.7	-
286	Industrial organic chemicals	43.2	42.9	42.5	41.9	-	4.2	3.7	3.3	2.8	-
2865	Cyclic crudes and intermediates	42.9	42.7	41.3	40.7	-	3.8	3.1	3.0	2.5	-
2861, 9	Gum, wood, and industrial organic chemicals, nec	43.3	43.0	42.5	42.3	-	4.1	3.9	3.4	2.9	-
287	Agricultural chemicals	42.5	42.6	41.9	41.9	-	4.1	4.0	3.7	3.3	-
289	Miscellaneous chemical products	41.1	41.6	40.7	40.5	-	3.1	3.0	2.8	2.6	-
29	PETROLEUM AND COAL PRODUCTS	43.1	43.1	45.4	43.6	43.8	4.0	4.1	4.5	4.0	-
291	Petroleum refining	43.4	43.6	45.8	43.7	-	3.8	4.1	3.8	3.4	-
295	Paving and roofing materials	42.9	41.5	45.7	44.3	-	4.9	5.0	8.1	6.8	-
30	RUBBER AND MISC. PLASTICS PRODUCTS	40.2	39.9	39.6	39.4	39.6	3.0	2.6	2.8	2.4	-
301	Tires and inner tubes	41.5	40.8	40.9	40.0	-	3.4	2.4	2.9	2.0	-
302	Rubber and plastics footwear	37.7	37.0	37.0	36.7	-	1.8	1.5	1.1	1.1	-
303, 4	Reclaimed rubber, and rubber and plastics hose and belting	40.7	39.7	40.4	40.4	-	2.9	1.8	2.6	1.7	-
306	Fabricated rubber products, nec	40.2	40.1	39.2	39.1	-	2.6	2.4	2.4	2.1	-
307	Miscellaneous plastics products	40.0	39.8	39.6	39.3	-	3.1	2.8	2.9	2.7	-
31	LEATHER AND LEATHER PRODUCTS	36.7	36.6	35.5	35.1	35.7	1.3	1.3	1.2	1.1	-
311	Leather tanning and finishing	38.9	38.6	38.8	38.8	-	2.3	2.4	1.9	2.3	-
314	Footwear, except rubber	36.1	36.1	35.0	34.7	-	1.0	.9	1.1	.8	-
3143	Men's footwear, except athletic	37.2	36.3	35.5	34.6	-	1.1	.9	.7	.8	-
3144	Women's footwear, except athletic	34.9	35.4	34.4	34.1	-	.8	.9	1.4	1.2	-
316	Luggage	37.7	37.4	35.8	34.0	-	1.2	1.5	1.6	1.5	-
317	Handbags and personal leather goods	37.5	37.5	35.5	35.2	-	2.2	1.8	1.3	1.2	-
-	TRANSPORTATION AND PUBLIC UTILITIES	39.1	39.2	38.8	38.7	38.6	-	-	-	-	-
	RAILROAD TRANSPORTATION:										
4011	Class I railroads[2]	42.7	42.4	40.2	-	-	-	-	-	-	-
41	LOCAL AND INTERURBAN PASSENGER TRANSIT	34.1	33.6	33.2	33.8	-	-	-	-	-	-
411	Local and suburban transportation	40.1	40.0	39.4	39.6	-	-	-	-	-	-
413	Intercity highway transportation	36.3	36.6	35.9	-	-	-	-	-	-	-
42	TRUCKING AND WAREHOUSING	38.7	38.6	38.5	38.1	-	-	-	-	-	-
421, 3	Trucking and trucking terminals	38.8	38.6	38.4	38.0	-	-	-	-	-	-
422	Public warehousing	37.8	38.6	39.5	39.4	-	-	-	-	-	-
46	PIPE LINES, EXCEPT NATURAL GAS	42.7	42.7	43.5	42.3	-	-	-	-	-	-
48	COMMUNICATION	39.7	40.0	39.5	39.4	-	-	-	-	-	-
481	Telephone communication	40.0	40.3	39.9	39.8	-	-	-	-	-	-
4817	Switchboard operating employees[3]	33.9	34.9	33.6	34.5	-	-	-	-	-	-
4818	Line construction employees[4]	43.8	43.9	42.7	42.7	-	-	-	-	-	-
483	Radio and television broadcasting	37.7	38.1	38.0	37.6	-	-	-	-	-	-
49	ELECTRIC, GAS, AND SANITARY SERVICES	41.4	41.5	41.2	41.5	-	-	-	-	-	-
491	Electric services	41.7	41.6	41.6	41.9	-	-	-	-	-	-
492	Gas production and distribution	40.9	40.9	40.5	40.9	-	-	-	-	-	-
493	Combination utility services	41.5	41.8	41.3	41.5	-	-	-	-	-	-
496	Sanitary services	41.3	41.3	41.6	41.7	-	-	-	-	-	-
-	WHOLESALE AND RETAIL TRADE	32.0	31.9	32.1	31.9	31.8	-	-	-	-	-
50, 51	WHOLESALE TRADE	38.6	38.6	38.4	38.5	38.5	-	-	-	-	-
50	WHOLESALE TRADE-DURABLE GOODS	39.0	38.9	38.8	38.8	-	-	-	-	-	-
501	Motor vehicles and automotive equipment	37.9	38.0	38.3	38.3	-	-	-	-	-	-
502	Furniture and home furnishings	37.5	37.4	37.4	37.7	-	-	-	-	-	-
503	Lumber and construction materials	39.5	39.2	38.9	38.9	-	-	-	-	-	-
504	Sporting goods, toys, and hobby goods	37.8	37.7	37.9	37.8	-	-	-	-	-	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Oct. 1981	Nov. 1981	Sept. 1982	Oct. 1982	Nov. 1982	Oct. 1981	Nov. 1981	Sept. 1982	Oct. 1982	Nov. 1982
	WHOLESALE TRADE DURABLE GOODS—Continued										
506	Metals and minerals, except petroleum	$351.35	$352.04	$350.49	$350.64	-	$8.65	$8.89	$9.01	$9.07	-
506	Electrical goods	324.18	326.09	338.82	340.95	-	6.27	6.34	6.71	6.72	-
507	Hardware, plumbing, and heating equipment	278.25	278.31	291.04	290.22	-	7.19	7.21	7.58	7.59	-
508	Machinery, equipment, and supplies	312.44	315.19	325.75	327.27	-	7.53	8.02	8.31	8.37	-
509	Miscellaneous durable goods	246.38	248.45	251.08	253.72	-	6.35	6.42	6.66	6.71	-
51	WHOLESALE TRADE NONDURABLE GOODS	294.90	297.58	312.66	313.50	-	7.72	7.79	8.25	8.28	-
511	Paper and paper products	319.68	316.46	327.59	329.36	-	8.68	8.53	8.83	8.93	-
512	Drugs, proprietaries, and sundries	306.27	310.90	338.83	338.90	-	8.30	8.38	8.87	8.93	-
513	Apparel, piece goods, and notions	256.13	255.13	275.56	287.21	-	6.83	6.86	7.67	7.72	-
514	Groceries and related products	297.61	301.85	316.23	316.14	-	7.71	7.82	8.30	8.35	-
516	Chemicals and allied products	352.42	360.59	372.88	370.76	-	9.13	9.29	9.66	9.63	-
517	Petroleum and petroleum products	364.59	367.88	397.94	388.51	-	9.23	9.29	9.85	9.81	-
518	Beer, wine, and distilled beverages	335.62	339.48	349.93	354.90	-	9.12	9.20	9.68	9.75	-
519	Miscellaneous nondurable goods	244.22	244.48	252.57	255.56	-	6.36	6.40	6.71	6.69	-
52-59	RETAIL TRADE	157.64	158.54	166.70	165.39	$165.43	5.29	5.32	5.52	5.55	$5.57
52	BUILDING MATERIALS AND GARDEN SUPPLIES	213.23	213.65	219.35	219.87	-	5.81	5.86	6.11	6.12	-
521	Lumber and other building materials	233.47	232.03	231.73	231.38	-	6.08	6.09	6.20	6.22	-
525	Hardware stores	173.23	175.08	180.69	180.30	-	5.11	5.16	5.33	5.35	-
53	GENERAL MERCHANDISE STORES	150.28	149.41	160.19	159.56	-	5.20	5.17	5.43	5.46	-
531	Department stores	155.19	154.08	166.11	165.66	-	5.37	5.35	5.65	5.68	-
533	Variety stores	122.55	122.93	125.16	123.43	-	4.27	4.21	4.20	4.17	-
539	Misc. general merchandise stores	124.12	125.11	130.56	131.61	-	4.28	4.27	4.38	4.35	-
54	FOOD STORES	210.45	212.19	227.49	223.92	-	6.90	6.90	7.41	7.39	-
541	Grocery stores	219.20	221.96	237.62	233.06	-	7.14	7.23	7.69	7.66	-
546	Retail bakeries	140.06	135.08	145.58	144.21	-	4.88	4.88	5.02	5.06	-
55	AUTOMOTIVE DEALERS AND SERVICE STATIONS	227.77	229.13	238.26	238.12	-	6.09	6.11	6.28	6.26	-
551, 2	New and used car dealers	267.78	270.72	276.34	275.53	-	7.01	7.05	7.31	7.27	-
553	Auto and home supply stores	226.00	230.68	238.14	238.56	-	5.70	5.71	5.88	5.87	-
554	Gasoline service stations	172.04	171.51	177.76	175.63	-	4.86	4.87	5.05	5.06	-
56	APPAREL AND ACCESSORY STORES	134.05	134.14	136.71	137.83	-	4.72	4.74	4.90	4.94	-
561	Men's and boys' clothing and furnishings	165.36	164.47	168.91	170.43	-	5.30	5.34	5.52	5.54	-
562	Women's ready-to-wear stores	119.41	116.63	122.93	122.55	-	4.39	4.41	4.57	4.59	-
565	Family clothing stores	129.46	130.65	137.57	136.71	-	4.64	4.69	4.91	4.90	-
566	Shoe stores	141.22	141.93	140.72	144.52	-	4.99	4.98	5.08	5.18	-
57	FURNITURE AND HOME FURNISHINGS STORES	208.98	210.02	215.69	214.66	-	6.04	6.07	6.27	6.24	-
571	Furniture and home furnishings stores	207.95	209.07	215.51	214.15	-	6.01	6.06	6.32	6.28	-
572	Household appliance stores	217.27	219.83	233.95	232.67	-	6.19	6.21	6.59	6.61	-
573	Radio, television, and music stores	208.12	207.09	206.31	204.83	-	6.05	6.02	5.98	5.92	-
58	EATING AND DRINKING PLACES[3]	103.48	103.86	110.29	107.53	-	3.98	4.01	4.10	4.12	-
59	MISCELLANEOUS RETAIL	161.93	162.97	168.33	165.26	-	5.19	5.19	5.43	5.46	-
591	Drug stores and proprietary stores	141.98	143.56	151.26	148.72	-	4.93	4.93	5.18	5.20	-
594	Miscellaneous shopping goods stores	147.26	147.44	148.90	149.70	-	4.86	4.85	4.98	4.99	-
596	Nonstore retailers	189.95	190.52	207.17	208.08	-	5.67	5.62	6.24	6.23	-
598	Fuel and ice dealers	274.56	278.48	268.53	278.92	-	7.04	7.14	7.18	7.34	-
599	Retail stores, nec	170.30	172.20	180.18	180.20	-	5.24	5.25	5.51	5.53	-
	FINANCE, INSURANCE, AND REAL ESTATE[4]	232.77	236.02	249.09	251.95	253.06	6.43	6.52	6.90	6.96	7.01
60	BANKING	200.39	202.38	215.12	213.18	-	5.49	5.56	5.91	5.95	-
602	Commercial and stock savings banks	197.47	199.11	209.51	212.28	-	5.41	5.47	5.74	5.80	-
61	CREDIT AGENCIES OTHER THAN BANKS	209.19	212.13	220.83	224.36	-	5.70	5.78	6.05	6.13	-
612	Savings and loan associations	192.77	195.12	200.07	203.19	-	5.34	5.39	5.62	5.65	-
614	Personal credit institutions	210.73	214.23	224.56	229.03	-	5.60	5.79	6.08	6.19	-
63	INSURANCE CARRIERS	269.31	273.02	286.81	287.93	-	7.22	7.30	7.71	7.74	-
631	Life insurance	284.24	286.11	289.01	290.94	-	7.60	7.65	7.79	7.83	-
632	Medical service and health insurance	253.46	260.06	271.93	273.35	-	6.67	6.79	7.31	7.31	-
633	Fire, marine, and casualty insurance	259.04	263.47	289.45	289.30	-	7.02	7.14	7.76	7.93	-

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry – Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Oct. 1981	Nov. 1981	Sept. 1982	Oct. 1982	Nov. 1982[p]	Oct. 1981	Nov. 1981	Sept. 1982	Oct. 1982	Nov. 1982[p]
	WHOLESALE TRADE DURABLE GOODS—Continued										
505	Metals and minerals, except petroleum	39.7	39.6	38.5	39.1	–	–	–	–	–	–
506	Electrical goods	39.2	39.1	38.5	39.1	–	–	–	–	–	–
507	Hardware, plumbing, and heating equipment	38.7	38.6	38.6	38.5	–	–	–	–	–	–
508	Machinery, equipment, and supplies	39.4	39.3	39.2	39.1	–	–	–	–	–	–
509	Miscellaneous durable goods	38.8	38.7	37.7	37.7	–	–	–	–	–	–
51	WHOLESALE TRADE NONDURABLE GOODS	38.2	38.2	37.9	38.0	–	–	–	–	–	–
511	Paper and paper products	37.0	37.1	37.1	37.3	–	–	–	–	–	–
512	Drugs, proprietaries, and sundries	38.9	37.1	38.2	38.5	–	–	–	–	–	–
513	Apparel, piece goods, and notions	37.5	36.9	36.5	37.3	–	–	–	–	–	–
514	Groceries and related products	38.6	38.6	38.1	38.1	–	–	–	–	–	–
516	Chemicals and allied products	38.6	38.9	38.6	38.5	–	–	–	–	–	–
517	Petroleum and petroleum products	39.5	39.6	40.4	39.8	–	–	–	–	–	–
518	Beer, wine, and distilled beverages	38.0	38.5	38.3	38.4	–	–	–	–	–	–
519	Miscellaneous nondurable goods	38.4	38.2	37.7	38.2	–	–	–	–	–	–
52-59	RETAIL TRADE	24.8	25.8	30.2	25.8	29.7	–	–	–	–	–
52	BUILDING MATERIALS AND GARDEN SUPPLIES	36.7	36.5	35.9	35.6	–	–	–	–	–	–
521	Lumber and other building materials	38.4	38.1	38.9	38.6	–	–	–	–	–	–
525	Hardware stores	33.9	33.8	33.9	33.7	–	–	–	–	–	–
53	GENERAL MERCHANDISE STORES	29.9	28.9	29.5	29.3	–	–	–	–	–	–
531	Department stores	28.9	28.8	29.4	29.2	–	–	–	–	–	–
533	Variety stores	28.7	29.2	29.8	29.6	–	–	–	–	–	–
539	Misc. general merchandise stores	29.0	29.3	29.5	30.3	–	–	–	–	–	–
54	FOOD STORES	30.5	30.4	30.7	30.3	–	–	–	–	–	–
541	Grocery stores	30.7	30.7	30.9	30.4	–	–	–	–	–	–
546	Retail bakeries	28.7	28.5	29.0	28.5	–	–	–	–	–	–
55	AUTOMOTIVE DEALERS AND SERVICE STATIONS	37.4	37.5	37.3	37.4	–	–	–	–	–	–
551, 2	New and used car dealers	38.2	38.4	37.8	37.9	–	–	–	–	–	–
553	Auto and home supply stores	40.0	40.4	40.5	40.3	–	–	–	–	–	–
554	Gasoline service stations	35.4	35.3	35.2	35.5	–	–	–	–	–	–
56	APPAREL AND ACCESSORY STORES	28.4	28.3	27.9	27.9	–	–	–	–	–	–
561	Men's and boys' clothing and furnishings	31.2	30.8	30.6	30.8	–	–	–	–	–	–
562	Women's ready-to-wear stores	27.2	26.9	26.9	26.7	–	–	–	–	–	–
565	Family clothing stores	27.9	27.9	28.1	27.9	–	–	–	–	–	–
566	Shoe stores	28.3	28.5	27.7	27.9	–	–	–	–	–	–
57	FURNITURE AND HOME FURNISHINGS STORES	34.6	34.6	34.4	34.4	–	–	–	–	–	–
571	Furniture and home furnishings stores	34.6	34.5	34.1	34.1	–	–	–	–	–	–
572	Household appliance stores	35.1	35.4	35.5	35.2	–	–	–	–	–	–
573	Radio, television, and music stores	34.4	34.4	34.5	34.6	–	–	–	–	–	–
58	EATING AND DRINKING PLACES	26.0	25.9	26.9	26.1	–	–	–	–	–	–
59	MISCELLANEOUS RETAIL	31.2	31.4	31.0	31.0	–	–	–	–	–	–
591	Drug stores and proprietary stores	28.8	29.2	29.2	28.6	–	–	–	–	–	–
594	Miscellaneous shopping goods stores	30.3	30.4	29.9	30.0	–	–	–	–	–	–
596	Nonstore retailers	33.5	33.9	33.2	33.4	–	–	–	–	–	–
598	Fuel and ice dealers	33.0	35.0	37.4	38.0	–	–	–	–	–	–
599	Retail stores, nec	32.5	32.8	32.7	32.6	–	–	–	–	–	–
–	FINANCE, INSURANCE, AND REAL ESTATE[1]	36.2	36.2	36.1	36.2	36.1	–	–	–	–	–
60	BANKING	36.5	36.4	36.4	36.5	–	–	–	–	–	–
602	Commercial and stock savings banks	36.5	36.4	36.5	36.6	–	–	–	–	–	–
61	CREDIT AGENCIES OTHER THAN BANKS	36.7	36.7	36.5	36.6	–	–	–	–	–	–
612	Savings and loan associations	36.1	36.2	35.6	35.9	–	–	–	–	–	–
614	Personal credit institutions	37.1	37.0	37.0	37.0	–	–	–	–	–	–
63	INSURANCE CARRIERS	37.3	37.4	37.2	37.2	–	–	–	–	–	–
631	Life insurance	37.4	37.4	37.1	37.3	–	–	–	–	–	–
632	Medical service and health insurance	38.0	38.3	37.2	37.4	–	–	–	–	–	–
633	Fire, marine, and casualty insurance	36.9	36.9	37.3	37.1	–	–	–	–	–	–

See footnotes at end of table.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry – Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Oct. 1981	Nov. 1981	Sept. 1982	Oct. 1982p	Nov. 1982p	Oct. 1981	Nov. 1981	Sept. 1982	Oct. 1982p	Nov. 1982p
	SERVICES	$213.85	$216.78	$228.57	$229.83	$229.78	$6.58	$6.67	$6.99	$7.05	$7.07
	HOTELS AND OTHER LODGING PLACES										
701	Hotels, motels, and tourist courts[2]	152.21	152.89	154.03	153.38	-	4.91	4.98	5.05	4.98	-
	PERSONAL SERVICES										
721	Laundry, cleaning, and garment services	165.43	164.64	172.64	175.24	-	4.88	4.90	5.20	5.20	-
723	Beauty shops[3]	140.70	142.80	154.04	152.06	-	4.69	4.76	5.33	5.28	-
73	BUSINESS SERVICES	215.49	219.07	231.48	232.82	-	6.61	6.72	7.10	7.12	-
731	Advertising	313.11	322.70	331.92	332.64	-	8.87	9.09	9.22	9.28	-
736	Services to buildings	148.23	152.01	157.45	157.79	-	5.49	5.63	5.81	5.79	-
737	Computer and data processing services	307.43	307.53	329.64	325.68	-	8.22	8.30	8.68	8.69	-
75	AUTO REPAIR, SERVICES, AND GARAGES	249.38	246.82	254.02	254.55	-	6.58	6.60	6.72	6.77	-
753	Automotive repair shops	276.75	276.51	281.25	283.53	-	7.06	7.09	7.23	7.27	-
76	MISCELLANEOUS REPAIR SERVICES	301.66	302.64	312.09	310.46	-	7.76	7.80	8.17	8.17	-
78	MOTION PICTURES	243.63	254.82	227.75	234.79	-	8.99	9.30	8.53	8.86	-
781	Motion picture production and services	482.79	489.34	455.57	471.61	-	12.54	12.81	12.46	12.51	-
79	AMUSEMENT AND RECREATION SERVICES	186.03	191.14	188.63	184.84	-	6.16	6.35	6.33	6.33	-
80	HEALTH SERVICES	212.88	215.17	235.43	234.25	-	6.53	6.58	7.07	7.12	-
801	Offices of physicians	212.16	213.73	222.01	220.25	-	6.63	6.70	6.81	6.97	-
802	Offices of dentists	182.90	183.18	193.01	195.11	-	6.44	6.45	6.82	6.87	-
805	Nursing and personal care facilities	142.14	144.14	155.67	153.66	-	4.60	4.62	4.88	4.90	-
806	Hospitals	239.33	241.37	267.11	266.94	-	7.06	7.12	7.72	7.76	-
81	LEGAL SERVICES	281.47	290.34	299.78	303.90	-	8.23	8.44	8.74	8.85	-
89	MISCELLANEOUS SERVICES	367.10	374.52	399.38	402.74	-	9.61	9.83	10.32	10.38	-
891	Engineering and architectural services	404.15	412.51	438.06	443.19	-	10.31	10.55	11.09	11.22	-
893	Accounting, auditing, and bookkeeping	303.06	308.47	328.98	327.56	-	8.06	8.27	8.69	8.62	-

[1] For coverage of series, see footnote 1, table B-2.
[2] Beginning January 1978, data relate to line haul railroads with operating revenues of $50,000,000 or more.
[3] Data relate to employees in such occupations in the telephone industry as switchboard operators; service assistants; operating room instructors, and pay station attendants. In 1977, such employees made up 20 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.
[4] Data relate to employees in such occupations in the telphone industry as central office craft persons; installation and exchange repair craft persons; line, cable and conduit craft persons; and laborers. In 1977, such employees made up 37 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.
[5] Money payments only; tips, not included.
[6] Data for nonoffice sales agents excluded from all series in this division.
– Data not available.
p = preliminary.

NOTE: Data from April 1981 forward are subject to revision when more recent benchmark data are introduced. See "Benchmark adjustment" in the Explanatory Notes of this publication.

C-2. Gross hours and earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Oct. 1981	Nov. 1981	Sept. 1982	Oct. 1982P	Nov. 1982P	Oct. 1981	Nov. 1981	Sept. 1982	Oct. 1982P	Nov. 1982P
	SERVICES	32.5	32.5	32.7	32.6	32.5	-	-	-	-	-
	HOTELS AND OTHER LODGING PLACES										
701	Hotels, motels, and tourist courts[5]	31.0	30.7	30.5	30.8	-	-	-	-	-	-
	PERSONAL SERVICES										
721	Laundry, cleaning, and garment services	33.9	33.6	33.2	33.7	-	-	-	-	-	-
723	Beauty shops[5]	30.0	30.0	29.9	29.8	-	-	-	-	-	-
73	BUSINESS SERVICES	32.6	32.6	32.6	32.7	-	-	-	-	-	-
731	Advertising	35.3	35.5	36.0	36.0	-	-	-	-	-	-
734	Services to buildings	27.0	27.0	27.1	27.3	-	-	-	-	-	-
737	Computer and data processing services	37.4	37.1	38.0	37.5	-	-	-	-	-	-
75	AUTO REPAIR, SERVICES, AND GARAGES	37.9	37.7	37.8	37.6	-	-	-	-	-	-
753	Automotive repair shops	39.2	39.0	38.9	39.0	-	-	-	-	-	-
76	MISCELLANEOUS REPAIR SERVICES	38.9	38.8	38.2	38.0	-	-	-	-	-	-
78	MOTION PICTURES	27.1	27.4	26.7	26.5	-	-	-	-	-	-
781	Motion picture production and services	38.5	38.2	38.2	37.4	-	-	-	-	-	-
79	AMUSEMENT AND RECREATION SERVICES	30.2	30.1	29.8	29.2	-	-	-	-	-	-
80	HEALTH SERVICES	32.6	32.7	33.3	32.9	-	-	-	-	-	-
801	Offices of physicians	32.0	31.9	32.6	31.6	-	-	-	-	-	-
802	Offices of dentists	28.4	28.4	28.3	28.4	-	-	-	-	-	-
805	Nursing and personal care facilities	30.9	31.2	31.9	31.4	-	-	-	-	-	-
806	Hospitals	33.9	33.9	34.6	34.4	-	-	-	-	-	-
81	LEGAL SERVICES	34.2	34.4	34.3	34.3	-	-	-	-	-	-
89	MISCELLANEOUS SERVICES	38.2	38.1	38.7	38.8	-	-	-	-	-	-
891	Engineering and architectural services	39.2	39.1	39.5	39.5	-	-	-	-	-	-
893	Accounting, auditing, and bookkeeping	37.6	37.3	37.8	38.0	-	-	-	-	-	-

C-3. Average hourly earnings excluding overtime of production workers on manufacturing payrolls by industry

Major industry group	Average hourly earnings excluding overtime[1]				
	Oct. 1981	Nov. 1981	Sept. 1982	Oct. 1982p	Nov. 1982p
MANUFACTURING	$7.89	$7.94	$8.33	$8.31	$8.36
DURABLE GOODS	8.44	8.50	8.91	8.90	8.92
Lumber and wood products	6.85	6.96	7.45	7.38	-
Furniture and fixtures	5.91	5.93	6.27	6.29	-
Stone, clay, and glass products	8.12	8.17	8.63	8.63	-
Primary metal industries	10.62	10.77	11.23	11.16	-
Fabricated metal products	8.11	8.18	8.68	8.64	-
Machinery, except electrical	8.70	8.76	9.18	9.14	-
Electric and electronic equipment	7.59	7.62	8.12	8.16	-
Transportation equipment	10.36	10.39	10.88	10.94	
Instruments and related products	7.40	7.48	8.27	8.32	-
Miscellaneous manufacturing industries	5.89	5.90	6.34	6.36	-
NONDURABLE GOODS	7.07	7.12	7.56	7.58	7.62
Food and kindred products	7.17	7.27	7.51	7.50	-
Tobacco manufactures	8.46	8.79	9.35	9.31	-
Textile mill products	5.52	5.54	5.69	5.70	-
Apparel and other textile products	4.96	4.96	5.13	5.12	-
Paper and allied products	8.38	8.47	9.12	9.07	-
Printing and publishing	8.11	8.14	8.61	8.61	-
Chemicals and allied products	9.02	9.08	9.83	9.91	-
Petroleum and coal products	10.96	11.06	12.02	12.01	-
Rubber and misc. plastics products	7.03	7.08	7.50	7.48	-
Leather and leather products	5.00	5.02	5.32	5.30	-

[1] Derived by assuming that overtime hours are paid at the rate of time and one-half.

p=preliminary.

C-4. Gross average weekly earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division, in current and constant (1977) dollars

Industry	Oct. 1981	Nov. 1981	Sept. 1982	Oct. 1982p	Nov. 1982p
TOTAL PRIVATE:					
Current dollars	$261.18	$262.20	$270.05	$270.31	$269.88
Constant (1977) dollars	169.49	169.71	167.42	167.06	-
MINING:					
Current dollars	456.13	461.32	462.58	460.32	$456.09
Constant (1977) dollars	296.00	298.59	286.78	284.50	-
CONSTRUCTION:					
Current dollars	419.62	414.78	430.59	439.33	$423.19
Constant (1977) dollars	272.30	268.47	267.20	271.53	-
MANUFACTURING:					
Current dollars	323.95	325.54	334.15	333.84	$337.50
Constant (1977) dollars	210.22	210.71	207.16	206.33	-
TRANSPORTATION AND PUBLIC UTILITIES:					
Current dollars	388.65	393.96	405.85	405.19	$406.07
Constant (1977) dollars	252.21	254.99	251.61	250.43	-
WHOLESALE AND RETAIL TRADE:					
Current dollars	192.32	192.68	200.95	200.97	$200.68
Constant (1977) dollars	124.80	124.71	124.58	124.21	-
FINANCE, INSURANCE, AND REAL ESTATE:					
Current dollars	232.77	236.02	249.09	251.95	$253.06
Constant (1977) dollars	151.05	152.76	154.43	155.72	-
SERVICES:					
Current dollars	213.85	216.78	228.57	229.83	$229.78
Constant (1977) dollars	138.77	140.31	141.70	142.05	-

[1] For coverage of series, see footnote 1, table B-2.

p=preliminary.

C-5. Indexes of aggregate weekly hours and payrolls of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division and major manufacturing group

(1977=100)

Industry division and group	Oct. 1981	Nov. 1981	Sept. 1982	Oct. 1982p	Nov. 1982p
	Hours				
TOTAL PRIVATE	109.0	108.3	105.0	104.0	103.8
GOODS-PRODUCING	102.6	100.4	91.5	90.0	88.5
MINING	146.2	146.5	120.7	118.3	115.4
CONSTRUCTION	116.1	110.8	107.0	106.9	101.3
MANUFACTURING	97.9	96.2	87.1	85.4	84.8
DURABLE GOODS	97.6	95.7	83.2	81.2	80.8
Lumber and wood products	84.3	79.3	82.9	80.6	79.7
Furniture and fixtures	98.6	95.6	88.3	88.4	88.0
Stone, clay, and glass products	91.0	88.9	81.9	80.4	78.5
Primary metal industries	87.8	85.6	64.2	60.2	59.8
Fabricated metal products	95.7	93.8	81.4	79.9	79.9
Machinery, except electrical	109.7	109.5	86.6	82.7	81.7
Electric and electronic equipment	105.9	103.2	93.9	93.5	93.8
Transportation equipment	90.3	88.0	77.5	76.7	75.9
Instruments and related products	113.1	113.5	103.8	100.8	101.6
Miscellaneous manufacturing industries	95.6	95.2	88.7	88.6	87.7
NONDURABLE GOODS	98.4	97.0	93.0	91.6	90.8
Food and kindred products	102.0	99.6	104.6	101.6	97.9
Tobacco manufactures	108.9	103.9	99.4	98.1	89.2
Textile mill products	87.0	85.6	75.9	76.7	76.9
Apparel and other textile products	95.6	94.2	85.8	85.8	88.9
Paper and allied products	96.5	97.4	92.8	90.8	91.8
Printing and publishing	106.8	107.6	105.7	105.8	106.0
Chemicals and allied products	100.6	100.1	95.0	92.9	93.4
Petroleum and coal products	103.4	102.1	103.7	98.6	98.1
Rubber and misc. plastics products	100.4	97.9	93.3	90.8	90.2
Leather and leather products	91.5	89.6	77.2	75.4	76.3
SERVICE-PRODUCING	112.5	112.7	112.5	111.8	111.6
TRANSPORTATION AND PUBLIC UTILITIES	105.5	105.3	101.7	100.8	100.5
WHOLESALE AND RETAIL TRADE	106.8	107.5	106.2	105.1	105.4
WHOLESALE TRADE	112.8	112.6	108.7	108.8	108.5
RETAIL TRADE	104.5	105.5	105.2	103.7	104.3
FINANCE, INSURANCE, AND REAL ESTATE	117.4	117.1	117.0	116.7	116.4
SERVICES	120.6	120.3	122.7	122.3	121.7

[1] For coverage of series, see footnote 1, table B-2.

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C-5. Indexes of aggregate weekly hours and payrolls of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division and major manufacturing group—Continued

(1977=100)

Industry division and group	Oct. 1981	Nov. 1981	Sept. 1982	Oct. 1982P	Nov. 1982P
	Payrolls				
TOTAL PRIVATE	154.2	154.1	155.4	154.4	153.7
GOODS-PRODUCING	148.0	145.4	139.1	136.9	134.6
MINING	215.9	219.3	191.9	186.9	182.7
CONSTRUCTION	159.9	152.9	154.2	155.8	146.2
MANUFACTURING	140.8	139.0	131.9	128.8	128.7
DURABLE GOODS	140.6	138.5	125.7	122.4	122.2
Lumber and wood products	117.5	111.5	125.2	120.4	118.7
Furniture and fixtures	137.5	133.4	130.4	130.9	131.5
Stone, clay, and glass products	133.2	130.6	127.3	124.7	122.0
Primary metal industries	130.0	128.3	100.0	93.0	93.1
Fabricated metal products	135.9	133.8	122.7	119.7	120.6
Machinery, except electrical	158.5	158.9	130.0	123.5	122.3
Electric and electronic equipment	153.3	149.9	144.9	144.7	146.0
Transportation equipment	133.1	129.6	119.6	118.9	118.2
Instruments and related products	162.4	164.8	165.6	161.6	164.0
Miscellaneous manufacturing industries	132.6	133.4	126.1	126.3	125.8
NONDURABLE GOODS	141.1	140.0	142.9	140.0	140.1
Food and kindred products	142.6	141.1	153.9	148.7	145.1
Tobacco manufactures	170.4	169.6	171.7	169.3	168.2
Textile mill products	124.8	123.1	111.5	113.2	113.7
Apparel and other textile products	133.1	131.0	123.2	123.1	122.1
Paper and allied products	145.7	145.2	149.9	145.0	147.8
Printing and publishing	146.6	147.9	153.7	153.0	154.5
Chemicals and allied products	146.6	146.5	150.6	147.9	150.4
Petroleum and coal products	151.5	151.0	167.1	158.1	159.2
Rubber and misc. plastics products	141.6	138.5	139.9	135.4	135.9
Leather and leather products	129.2	126.9	115.8	112.7	114.1
SERVICE PRODUCING	158.5	160.3	166.9	166.8	167.1
TRANSPORTATION AND PUBLIC UTILITIES	150.0	151.4	152.1	150.9	151.3
WHOLESALE AND RETAIL TRADE	150.0	151.8	155.5	154.7	155.6
WHOLESALE TRADE	161.8	162.8	164.2	164.8	164.5
RETAIL TRADE	143.6	145.8	150.8	149.3	150.8
FINANCE, INSURANCE, AND REAL ESTATE	166.2	168.1	177.6	178.7	179.6
SERVICES	170.5	172.5	184.4	185.3	185.0

C-6. Average weekly hours of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division and major manufacturing group, seasonally adjusted

Industry	1981		1982										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct. p	Nov. p
TOTAL PRIVATE	35.1	35.0	34.4	35.0	34.9	34.9	35.0	34.9	34.9	34.8	34.8	34.7	34.6
MINING	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
CONSTRUCTION	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
MANUFACTURING	39.3	39.1	37.6	39.4	39.0	39.0	39.1	39.2	39.2	39.0	38.8	38.8	38.9
Overtime hours	2.5	2.4	2.3	2.4	2.3	2.4	2.3	2.4	2.4	2.4	2.3	2.3	2.3
DURABLE GOODS	39.7	39.5	38.2	39.8	39.5	39.5	39.6	39.7	39.7	39.4	38.9	38.8	39.1
Overtime hours	2.4	2.3	2.2	2.2	2.2	2.2	2.2	2.3	2.2	2.2	2.1	2.0	2.1
Lumber and wood products	37.7	37.7	35.0	37.9	37.6	37.6	38.5	38.7	38.6	38.2	38.5	38.1	38.6
Furniture and fixtures	37.6	37.9	33.6	37.7	37.3	37.4	37.5	37.8	37.6	37.4	37.4	37.5	37.7
Stone, clay, and glass products	40.1	39.7	38.6	40.1	40.0	40.0	40.2	40.4	40.6	40.3	40.2	40.2	40.2
Primary metal industries	39.6	39.2	38.3	39.4	38.8	38.5	38.5	38.9	38.9	38.8	37.8	38.0	38.4
Fabricated metal products	39.7	39.5	38.1	39.7	39.5	39.4	39.5	39.4	39.5	39.2	38.9	38.9	39.9
Machinery, except electrical	40.7	40.4	39.3	40.7	40.2	40.1	39.8	39.6	39.8	39.5	39.0	39.3	39.0
Electric and electronic equipment	39.4	39.5	38.3	39.8	39.4	39.3	39.4	39.5	39.8	39.3	38.8	39.0	39.1
Transportation equipment	40.4	39.7	39.0	40.5	40.4	41.1	41.1	41.6	41.0	40.5	39.8	40.0	40.5
Instruments and related products	40.2	39.9	39.0	39.9	39.9	39.9	40.2	40.2	40.1	40.1	39.8	39.3	39.3
Miscellaneous manufacturing ind	39.0	38.5	37.3	38.6	38.6	38.5	38.7	38.6	38.7	38.6	38.3	38.5	38.6
NONDURABLE GOODS	38.7	38.6	36.8	38.9	38.5	38.4	38.5	38.6	38.6	38.5	38.6	38.5	38.5
Overtime hours	2.7	2.6	2.5	2.6	2.5	2.6	2.5	2.5	2.6	2.6	2.6	2.6	2.6
Food and kindred products	39.5	39.8	39.1	40.2	39.5	39.4	39.4	39.5	39.5	39.1	39.4	39.7	39.4
Tobacco manufactures	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Textile mill products	38.7	37.8	32.3	38.3	37.6	37.7	37.9	37.8	37.7	38.2	38.1	38.3	38.6
Apparel and other textile products	35.5	35.1	31.4	35.5	35.0	34.7	34.8	35.1	35.2	35.0	35.2	35.0	34.9
Paper and allied products	42.0	41.8	41.3	42.3	41.8	42.1	41.8	42.0	41.9	41.7	41.5	41.7	41.7
Printing and publishing	37.1	37.1	36.9	37.4	37.1	37.1	36.8	37.1	37.0	36.8	37.0	36.9	37.0
Chemicals and allied products	41.2	41.3	41.0	41.2	40.7	40.7	41.0	41.0	40.9	40.9	41.2	40.8	40.8
Petroleum and coal products	42.5	42.7	44.3	43.5	43.5	44.0	44.1	44.1	43.3	43.9	44.0	42.7	43.2
Rubber and misc. plastics products	39.6	39.4	37.9	40.0	39.6	39.8	39.9	40.1	40.2	39.7	39.6	39.1	39.3
Leather and leather products	36.5	36.1	34.1	35.6	35.8	35.6	35.6	35.7	36.1	36.0	35.7	35.0	35.6
TRANSPORTATION AND PUBLIC UTILITIES	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
WHOLESALE AND RETAIL TRADE	32.1	32.0	31.7	32.0	31.9	31.8	32.0	31.9	31.9	31.9	32.1	31.9	31.9
WHOLESALE TRADE	38.5	38.4	38.1	38.5	38.4	38.3	38.5	38.6	38.5	38.5	38.4	38.3	38.4
RETAIL TRADE	30.0	29.9	29.7	29.9	29.8	29.8	30.0	29.8	29.9	29.9	30.1	29.9	29.8
FINANCE, INSURANCE, AND REAL ESTATE	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
SERVICES	32.6	32.6	32.5	32.6	32.6	32.7	32.7	32.7	32.6	32.6	32.8	32.7	32.6

p preliminary

[1] For coverage of series, see footnote 1, table B-2.

[2] This series is not published seasonally adjusted since the seasonal component is small relative to the trend-cycle and/or irregular components and consequently cannot be separated with sufficient precision.

ESTABLISHMENT DATA
SEASONALLY ADJUSTED

C-7. Indexes of aggregate weekly hours of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry division and major manufacturing group, seasonally adjusted

(1977=100)

Industry division and group	1981		1982										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.[p]	Nov.[p]
TOTAL PRIVATE	107.3	106.3	104.3	106.2	105.6	105.2	105.7	104.9	104.8	104.1	103.9	102.9	102.5
GOODS-PRODUCING	98.4	96.3	91.4	95.6	93.9	93.0	93.3	91.9	91.4	90.0	88.7	87.3	86.7
MINING	145.0	145.5	141.6	143.7	142.6	138.4	133.6	128.2	125.1	121.4	119.6	115.5	114.1
CONSTRUCTION	106.9	104.2	96.8	102.9	101.1	100.9	104.5	101.0	101.9	100.5	98.3	97.4	97.6
MANUFACTURING	94.6	92.5	88.0	91.9	90.3	89.3	89.2	88.4	87.8	86.5	85.5	83.9	83.1
DURABLE GOODS	94.0	91.4	87.3	90.6	89.1	87.8	87.8	86.7	86.1	84.1	82.2	80.0	79.3
Lumber and wood products	79.2	77.2	70.9	77.5	76.1	77.6	79.5	79.8	79.4	78.7	79.5	78.2	79.7
Furniture and fixtures	93.1	92.6	80.5	90.0	88.3	87.8	88.1	88.5	87.3	89.0	86.8	85.8	85.3
Stone, clay, and glass products	86.6	83.9	79.3	82.4	81.1	80.2	81.1	80.4	80.8	79.7	79.1	77.9	76.9
Primary metal industries	85.4	81.9	78.5	79.7	77.1	73.6	71.0	70.1	68.4	67.0	63.4	60.6	59.6
Fabricated metal products	91.6	89.3	85.1	88.1	87.0	85.8	85.5	84.0	83.9	82.0	80.4	78.5	77.9
Machinery, except electrical	108.7	106.2	101.6	104.4	101.5	99.2	98.0	96.4	92.1	88.9	86.5	83.1	80.8
Electric and electronic equipment	101.5	99.6	97.2	100.4	98.6	97.8	96.0	97.7	97.5	95.8	93.5	92.4	92.3
Transportation equipment	85.4	80.7	78.3	81.8	81.7	81.4	82.3	82.6	83.1	79.4	77.2	74.4	73.5
Instruments and related products	111.7	110.6	107.3	108.3	108.5	107.4	108.5	107.2	106.7	105.6	104.0	100.7	99.9
Miscellaneous manufacturing ind	91.0	89.3	84.8	86.8	86.2	84.2	84.4	83.6	84.1	82.4	81.4	80.7	80.0
NONDURABLE GOODS	95.4	94.1	89.0	93.8	92.0	91.5	91.4	91.0	90.3	90.0	90.3	89.8	89.3
Food and kindred products	97.3	97.7	95.6	98.9	96.8	95.5	96.2	95.4	96.1	93.9	94.7	96.7	95.8
Tobacco manufactures	94.6	92.1	93.6	94.6	93.6	89.6	88.7	91.6	89.8	90.7	88.1	85.2	79.9
Textile mill products	83.9	80.7	67.7	75.9	76.5	78.0	77.0	74.8	74.7	75.2	75.2	75.6	75.1
Apparel and other textile products	92.7	90.5	79.6	90.0	87.7	85.3	85.3	85.8	83.2	84.3	84.6	84.0	83.1
Paper and allied products	96.6	95.2	93.7	95.4	93.5	94.0	92.8	92.5	92.2	91.4	91.9	90.7	91.0
Printing and publishing	106.5	106.5	105.8	107.2	106.7	106.2	105.5	105.9	105.3	104.9	105.5	105.2	105.0
Chemicals and allied products	99.5	98.9	97.6	97.6	96.4	95.3	95.7	94.9	94.0	94.3	94.9	93.2	93.8
Petroleum and coal products	100.0	99.7	98.7	96.1	96.1	96.5	96.7	95.9	94.2	95.5	98.8	95.2	96.3
Rubber and misc. plastics products	96.3	94.3	90.0	94.0	92.3	94.0	94.6	94.9	95.0	93.6	92.5	89.5	88.6
Leather and leather products	88.3	85.1	79.1	79.5	79.5	79.5	78.1	78.4	77.0	78.1	76.6	73.8	74.6
SERVICE-PRODUCING	112.2	111.8	111.4	112.1	112.0	111.9	112.5	112.1	112.2	111.8	112.3	111.6	111.2
TRANSPORTATION AND PUBLIC UTILITIES	104.4	103.6	102.8	103.7	103.3	102.8	102.6	102.2	101.5	101.2	100.7	99.9	99.7
WHOLESALE AND RETAIL TRADE	106.3	105.4	105.2	106.3	105.9	105.5	106.5	105.8	106.1	105.5	105.6	104.7	104.1
WHOLESALE TRADE	111.8	111.0	109.7	110.7	110.2	109.5	110.3	110.0	109.6	109.0	108.6	107.8	107.6
RETAIL TRADE	104.3	103.3	103.4	104.6	104.2	103.9	105.1	104.2	104.7	104.2	104.5	103.5	102.8
FINANCE, INSURANCE, AND REAL ESTATE	117.4	117.4	116.9	116.8	117.1	117.0	117.9	117.4	117.4	117.2	117.4	117.0	116.7
SERVICES	120.6	120.8	120.3	120.9	121.1	121.5	121.8	121.9	121.8	121.8	122.9	122.4	122.2

[1] For coverage of series, see footnote 1, table B-2.

[p] preliminary

C-8. Hourly Earnings Index and average hourly and weekly earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls, seasonally adjusted

Industry	1981			1982									
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct. p	Nov. p
	Hourly Earnings Index [2] (1977=100)												
TOTAL PRIVATE (In current dollars)	143.0	143.5	144.9	145.0	145.4	146.3	147.7	148.1	148.9	149.9	150.1	150.9	151.9
MINING [3]	153.4	153.4	156.2	156.0	156.0	156.5	156.8	159.6	161.3	161.5	161.2	162.1	162.8
CONSTRUCTION	135.7	136.6	139.9	137.9	138.1	138.7	139.9	139.7	140.6	140.7	140.4	142.1	140.5
MANUFACTURING	146.4	146.9	148.9	149.1	149.9	150.8	151.8	152.5	153.3	154.2	154.7	154.6	155.3
TRANSPORTATION AND PUBLIC UTILITIES	143.5	144.3	145.5	146.0	146.3	146.9	148.2	149.1	148.9	150.3	149.9	150.9	151.2
WHOLESALE AND RETAIL TRADE	141.3	141.7	142.1	142.5	142.8	143.7	145.1	145.2	145.7	146.5	146.8	147.6	147.9
FINANCE, INSURANCE, AND REAL ESTATE	142.6	142.0	143.1	143.3	143.8	144.9	148.0	147.2	148.6	150.6	151.3	152.6	152.8
SERVICES	142.2	142.6	143.4	143.7	143.9	145.1	146.5	147.3	148.7	149.7	149.7	150.9	150.9
TOTAL PRIVATE (In 1977 dollars) [4]	92.3	92.3	92.9	92.8	93.3	93.7	93.7	93.1	93.0	93.2	93.2	93.1	-
	Average hourly earnings												
TOTAL PRIVATE	$7.45	$7.46	$7.52	$7.53	$7.54	$7.59	$7.65	$7.67	$7.71	$7.74	$7.72	$7.76	$7.78
MINING	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
CONSTRUCTION	$11.14	$11.22	$11.52	$11.34	$11.39	$11.43	$11.54	$11.51	$11.56	$11.58	$11.56	$11.73	$11.64
MANUFACTURING	8.20	8.20	8.38	8.34	8.37	8.44	8.48	8.52	8.56	8.59	8.56	8.59	8.62
TRANSPORTATION AND PUBLIC UTILITIES	9.97	10.02	10.09	10.13	10.15	10.18	10.24	10.30	10.30	10.40	10.37	10.42	10.44
WHOLESALE AND RETAIL TRADE	6.06	6.08	6.09	6.10	6.12	6.16	6.20	6.22	6.23	6.26	6.25	6.32	6.37
FINANCE, INSURANCE, AND REAL ESTATE	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
SERVICES	$6.63	$6.65	$6.71	$6.72	$6.72	$6.80	$6.85	$6.90	$6.96	$7.00	$7.01	$7.04	$7.03
	Average weekly earnings												
TOTAL PRIVATE													
Current dollars	261.50	261.10	258.69	263.55	263.15	264.85	267.75	267.68	269.08	269.35	268.66	269.27	269.19
1977 dollars [4]	168.82	167.91	165.93	168.62	168.90	169.69	169.89	168.14	167.97	167.61	166.87	166.33	

[1] For coverage of series, see footnote 1, table B-2.

[2] The index excludes effects of two types of changes that are unrelated to underlying wage rate developments. Fluctuations in overtime premiums in manufacturing (the only sector for which overtime data are available) and the effects of changes in the proportion of workers in high-wage and low-wage industries.

[3] The unadjusted data are shown because the seasonal component is small relative to the trend-cycle and/or irregular components and consequently cannot be separated with sufficient precision.

[4] The deflator for these series is derived from the Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W).

[5] See footnote 2, table C-6.

p = preliminary.

C-9. Hours of wage and salary workers[1] in nonagricultural establishments by industry division

Industry division	Millions of hours (Annual rate)[2]			Percent change		
	September 1982	October P1982	November P1982	Nov. 1981 to Nov. 1982	Sept. 1982 to Oct. 1982	Oct. 1982 to Nov. 1982
TOTAL	165,598	164,463	163,277	-3.1	-0.7	-0.7
PRIVATE SECTOR	134,870	133,801	133,175	-3.9	-0.8	-0.5
MINING	2,344	2,312	2,272	-18.1	-1.4	-1.7
CONSTRUCTION	7,296	7,313	7,325	-7.7	0.2	0.2
MANUFACTURING	37,824	37,358	37,037	-9.1	-1.2	-0.9
DURABLE GOODS	22,304	21,866	21,644	-12.1	-2.0	-1.0
NONDURABLE GOODS	15,520	15,491	15,392	-5.1	-0.2	-0.6
TRANSPORTATION AND PUBLIC UTILITIES	10,157	10,102	10,036	-4.3	-0.5	-0.7
WHOLESALE AND RETAIL TRADE	34,453	34,124	34,889	-1.6	-1.0	-0.7
FINANCE, INSURANCE, AND REAL ESTATE	10,134	10,082	10,091	0.5	-0.5	0.1
SERVICES	32,663	32,511	32,527	1.6	-0.5	0.0
GOVERNMENT	30,728	30,662	30,102	-0.4	-0.2	-1.8

[1] Data refer to hours of all employees—production workers, nonsupervisory workers and salaried workers—and are based largely on establishment data. See *BLS Handbook of Methods for Surveys and Studies*, BLS Bulletin 1910—Chapter 30, Productivity Measures: Private Economy and Major Sectors.

[2] "Annual rate" refers to total hours paid for 1 week in the month, expressed as a seasonally adjusted annual equivalent.

PRODUCTIVITY
SEASONALLY ADJUSTED

C-10. Indexes of output and compensation per hour, unit costs, and prices, private business sector, seasonally adjusted

[1967 = 100]

Item	Annual average		Quarterly indexes										
			1980				1981				1982		
	1980	1981	I	II	III	IV	I	II	III	IV	I	II	III
BUSINESS SECTOR:													
Output per hour of all persons	98.9	100.7	99.3	98.2	98.9	99.5	100.7	100.7	101.0	100.2	100.0	100.3	r101.4
Output	106.2	108.9	107.9	104.7	105.3	107.0	109.1	109.1	109.6	107.8	106.3	106.4	r106.9
Hours	107.4	108.2	108.7	106.6	106.5	107.7	108.3	108.3	108.5	107.5	106.3	106.1	105.4
Compensation per hour	131.4	144.1	126.7	130.0	133.1	136.1	140.0	142.5	145.6	148.2	150.9	153.4	155.7
Real compensation per hour	96.7	96.0	97.0	96.4	96.9	96.2	96.2	96.4	95.7	95.6	96.5	97.1	96.8
Unit labor costs	132.9	143.1	127.6	132.3	134.7	137.0	139.0	142.5	144.2	147.9	150.9	152.9	r153.6
Unit nonlabor payments	119.3	135.2	116.0	116.2	120.6	124.6	131.8	133.4	137.4	138.3	136.4	137.0	r140.1
Implicit price deflator	128.3	140.4	123.7	126.9	129.9	132.8	136.5	138.8	141.9	144.6	146.0	147.5	r149.0
NONFARM BUSINESS SECTOR:													
Output per hour of all persons	98.5	99.9	98.7	97.6	98.4	99.2	100.4	100.0	100.0	99.1	99.2	99.4	r100.4
Output	106.3	108.6	107.9	104.6	105.3	107.3	109.2	109.0	109.1	107.1	106.0	106.1	r106.4
Hours	108.0	108.7	109.3	107.2	107.0	108.2	108.8	109.0	109.1	108.1	106.8	106.7	106.0
Compensation per hour	130.9	143.6	126.2	129.3	132.6	135.7	139.5	142.0	145.1	147.7	150.4	152.7	155.1
Real compensation per hour	96.3	95.7	96.6	96.0	96.5	95.9	96.0	96.0	95.4	95.3	96.3	96.6	96.4
Unit labor costs	133.0	143.8	127.8	132.5	134.7	136.8	139.0	141.9	145.1	149.0	151.6	153.5	r154.5
Unit nonlabor payments	119.1	134.8	115.2	116.7	120.3	124.4	131.5	132.8	136.7	138.4	136.7	137.2	r140.3
Implicit price deflator	128.3	140.8	123.6	127.2	129.9	132.7	136.5	138.9	142.3	145.5	146.6	148.1	r149.8
MANUFACTURING:													
Output per hour of all persons	101.7	104.5	102.6	100.4	100.3	103.6	105.2	105.0	105.0	102.8	102.1	102.3	r104.2
Output	103.6	105.9	107.8	101.6	99.9	105.0	106.7	107.5	107.4	102.0	98.2	97.0	r96.6
Hours	101.8	101.3	105.1	101.1	99.6	101.3	101.5	102.4	102.3	99.2	96.2	94.8	r92.8
Compensation per hour	132.8	146.4	127.1	130.9	135.2	138.4	142.6	144.9	147.3	150.7	154.7	157.6	r160.0
Real compensation per hour	97.7	97.5	97.3	97.1	98.5	97.8	98.0	97.9	96.8	97.2	99.0	99.7	r99.4
Unit labor costs	130.6	140.0	123.9	130.3	134.9	133.6	135.5	138.0	140.3	146.6	151.5	154.0	r153.6
DURABLE GOODS													
Output per hour of all persons	100.3	103.4	101.2	99.2	98.3	102.2	104.2	104.0	103.7	101.5	100.3	100.5	r102.3
Output	103.5	106.1	108.9	101.4	98.8	104.9	107.0	108.2	107.8	101.6	96.8	95.2	r94.2
Hours	103.2	102.6	107.6	102.2	100.4	102.7	102.7	104.0	103.9	100.0	96.5	94.7	r92.1
Compensation per hour	132.6	146.5	126.6	130.4	135.0	138.5	142.7	144.7	147.2	151.0	154.8	157.7	r160.5
Real compensation per hour	97.5	97.6	96.9	96.8	98.3	97.9	98.2	97.9	96.7	97.4	99.1	99.8	r99.7
Unit labor costs	132.2	141.6	125.1	131.4	137.3	135.6	137.0	139.2	142.0	148.7	154.3	156.9	r156.9
NONDURABLE GOODS													
Output per hour of all persons	104.0	106.2	104.7	102.3	103.2	105.8	106.7	106.5	107.0	104.6	104.9	105.1	r106.8
Output	103.7	105.6	106.2	101.8	101.5	105.1	106.4	106.5	106.9	102.6	100.4	99.6	r100.2
Hours	99.7	99.4	101.5	99.5	98.4	99.3	99.7	99.9	99.8	98.1	95.7	94.8	r93.8
Compensation per hour	132.8	145.6	127.2	131.3	135.4	137.6	141.8	144.4	146.7	149.6	154.3	157.5	159.4
Real compensation per hour	97.7	97.0	97.3	97.4	98.6	97.2	97.5	97.7	96.5	96.5	98.8	99.7	r99.1
Unit labor costs	127.7	137.1	121.5	128.4	131.2	130.1	132.9	135.6	137.1	143.1	147.2	150.0	r149.2
NONFINANCIAL CORPORATIONS:													
Output per all-employee hour	r100.3	r102.0	r100.2	r99.3	r100.6	r101.1	r102.3	r102.2	r102.2	r101.6	r101.6	r102.3	p103.5
Output	108.1	110.7	109.8	106.5	107.1	109.0	111.0	111.1	111.5	109.4	107.9	107.8	p108.0
Hours	r107.8	r108.5	r109.6	r107.2	r106.5	r107.8	r108.5	r108.8	r109.1	r107.7	r106.2	r105.3	p104.3
Compensation per hour	r130.9	r143.5	r126.1	r129.3	r132.6	r135.6	r139.6	r141.9	r144.8	r147.7	r150.7	r153.0	p155.2
Real compensation per hour	r96.2	r95.6	r96.5	r95.9	r96.6	r95.8	r96.0	r96.0	r95.2	r95.3	r96.5	r96.8	p96.4
Total unit costs	131.0	143.4	125.0	130.4	132.9	135.8	138.3	141.7	144.7	149.1	151.8	153.8	p154.8
Unit labor costs	130.5	140.6	125.8	130.2	131.9	134.1	136.5	138.9	141.7	145.4	148.3	149.5	p150.0
Unit nonlabor costs	132.5	151.4	122.7	131.0	135.7	140.7	143.4	149.6	153.1	159.6	161.8	166.0	p168.5
Unit profits	87.9	101.6	91.1	81.9	87.8	90.5	104.7	98.8	105.2	97.6	86.1	82.3	p88.7
Implicit price deflator	126.1	138.6	121.1	124.8	127.7	130.6	134.5	136.8	140.2	143.2	144.3	145.6	p147.2

p=preliminary.
r=revised.

C-11. Percent changes from preceding quarter and year in productivity, hourly compensation, unit costs, and prices, private business sector, seasonally adjusted at annual rate

Item	Quarterly percent change						Annual percent change					
	1981 I to 1981 II	1981 II to 1981 III	1981 III to 1981 IV	1981 IV to 1982 I	1982 I to 1982 II	1982 II to 1982 III	1980 II to 1981 II	1980 III to 1981 III	1980 IV to 1981 IV	1981 I to 1982 I	1981 II to 1982 II	1981 III to 1982 III
BUSINESS SECTOR:												
Output per hour of all persons	0.0	1.1	-2.9	-1.0	1.4	r4.2	2.5	2.2	0.9	-0.7	-0.4	r0.4
Output	-0.1	1.9	-6.4	-5.5	0.6	r1.7	4.1	4.1	0.7	-2.6	-2.4	-2.5
Hours	-0.1	0.8	-3.6	-4.5	-0.8	r-2.4	1.6	1.9	-0.2	-1.9	r-2.1	r-2.8
Compensation per hour	7.5	9.0	7.4	7.3	6.9	r6.1	9.7	9.4	8.9	7.8	7.6	6.9
Real compensation per hour	0.5	-2.6	-0.4	3.9	2.2	r-1.4	-0.1	-1.3	-0.6	0.3	0.8	1.1
Unit labor costs	7.5	7.8	10.6	8.4	5.5	r1.8	6.9	7.1	7.9	8.6	8.1	r6.5
Unit nonlabor payments	4.9	12.5	2.9	-5.4	1.7	r9.3	14.8	13.9	11.0	3.5	2.7	r2.0
Implicit price deflator	6.6	9.3	8.0	3.8	4.3	r4.1	9.4	9.2	8.9	6.9	6.3	r5.0
NONFARM BUSINESS SECTOR:												
Output per hour of all persons	-1.3	-0.3	-3.5	0.6	0.8	r4.0	2.5	1.6	-0.1	-1.1	-0.6	r0.4
Output	-0.8	0.3	-7.1	-4.2	0.6	r1.2	4.2	3.6	-0.2	-3.0	-2.6	r-2.4
Hours	0.5	0.6	-3.7	-4.7	-0.1	r-2.7	1.6	2.0	-0.1	-1.9	-2.0	r-2.8
Compensation per hour	7.1	9.0	7.3	7.7	6.1	6.6	9.8	9.4	8.8	7.8	7.5	6.9
Real compensation per hour	0.1	-2.6	-0.5	4.3	1.4	-0.9	0.0	-1.2	-0.6	0.3	0.6	1.1
Unit labor costs	8.6	9.3	11.2	7.1	5.2	r2.6	7.1	7.7	8.9	9.0	8.2	r6.5
Unit nonlabor payments	4.0	12.1	5.1	-4.6	1.3	r9.5	13.8	13.6	11.2	4.0	3.3	r2.7
Implicit price deflator	7.1	10.2	9.2	3.3	4.0	r4.7	9.2	9.6	9.6	7.4	6.6	r5.3
MANUFACTURING:												
Output per hour of all persons	-0.7	-0.1	-8.2	-2.4	0.8	r7.3	4.5	4.7	-0.8	-2.9	-2.5	-0.8
Output	2.8	-0.4	-18.7	-13.8	-5.1	r-1.5	5.8	7.5	-2.9	-8.0	-9.8	r-10.0
Hours	3.6	-0.3	-11.4	-11.7	-5.9	r-8.1	1.2	2.7	-2.1	-5.2	-7.4	r-9.3
Compensation per hour	6.6	6.8	9.6	11.1	7.8	r6.2	10.7	8.9	8.9	8.5	8.8	8.7
Real compensation per hour	-0.4	-4.6	1.6	7.6	3.1	r-1.3	0.9	-1.7	-0.6	1.0	1.8	r2.7
Unit labor costs	7.3	6.8	19.4	13.9	6.9	r-1.0	5.9	4.0	9.8	11.7	11.6	r9.5
DURABLE GOODS												
Output per hour of all persons	-0.7	-1.3	-8.0	-4.9	0.9	r7.4	4.8	5.4	-0.6	-3.8	-3.4	r-1.3
Output	4.5	-1.6	-21.1	-17.5	-6.4	r-4.2	6.7	9.1	-3.2	-9.5	-12.0	r-12.6
Hours	5.3	-0.3	-14.2	-13.2	-7.2	r-10.7	1.8	3.5	-2.6	-6.0	-8.9	r-11.4
Compensation per hour	5.7	6.9	10.9	10.3	7.7	r7.4	11.0	9.0	9.1	8.4	8.9	r9.1
Real compensation per hour	-1.2	-4.5	2.9	6.8	2.9	r-0.2	1.1	-1.6	-0.4	0.9	1.9	r3.1
Unit labor costs	6.5	8.3	20.5	15.9	6.7	r0.0	5.9	3.4	9.7	12.7	12.7	r10.5
NONDURABLE GOODS												
Output per hour of all persons	-0.7	1.8	-8.8	1.1	0.7	r7.0	4.2	3.7	-1.1	-1.7	-1.4	r-0.2
Output	0.3	1.4	-15.1	-8.3	-3.7	r2.5	4.6	5.3	-2.4	-5.6	-6.5	r-6.2
Hours	1.0	-0.4	-6.9	-9.3	-3.9	r-4.2	0.4	1.5	-1.2	-4.0	-5.2	-6.1
Compensation per hour	7.6	6.5	8.2	13.2	8.5	r4.8	10.0	8.4	8.7	8.8	9.1	8.6
Real compensation per hour	0.6	-4.8	0.3	9.6	3.8	r-2.6	0.2	-2.2	-0.7	1.3	2.1	2.7
Unit labor costs	8.3	4.6	18.5	12.0	7.8	r-2.0	5.6	4.5	10.0	10.8	10.6	r8.8
NONFINANCIAL CORPORATIONS:												
Output per all-employee hour	-0.4	r0.2	r-2.4	r0.3	r2.7	p4.6	2.9	r1.6	r0.5	r-0.6	r0.2	p1.3
Output	0.6	1.5	-7.5	-5.2	-0.4	p0.6	4.4	4.1	0.3	-2.7	-3.0	p-3.2
Hours	r1.0	1.2	r-5.1	r-5.5	r-3.1	p-3.8	r1.5	2.4	r-0.1	r-2.2	r-3.1	p-4.4
Compensation per hour	r6.8	r8.4	r8.2	r8.4	r6.2	p5.9	9.8	9.2	r8.9	r8.0	r7.8	p7.2
Real compensation per hour	-0.1	r-3.1	r0.3	r5.0	r1.6	p-1.6	r0.0	-1.4	-0.5	r0.5	r0.9	p1.3
Total unit costs	10.2	8.6	12.8	7.4	5.4	p2.6	8.7	8.9	9.8	9.7	8.5	p7.0
Unit labor costs	7.3	8.2	10.9	8.1	3.4	p1.2	6.7	7.5	8.4	8.6	7.6	p5.8
Unit nonlabor costs	18.5	9.8	17.8	5.7	10.7	p6.4	14.2	12.9	13.4	12.8	10.9	p10.1
Unit profits	-20.8	28.4	-25.9	-39.4	-16.7	p35.4	20.7	19.7	7.9	-17.8	-16.7	p-15.6
Implicit price deflator	7.1	10.2	8.9	3.0	3.8	p4.6	9.6	9.7	9.6	7.3	6.4	p5.0

p=preliminary.
r=revised.

C-12. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	OCT. 1981	SEP. 1982	OCT. 1982P	OCT. 1981	SEP. 1982	OCT. 1982P	OCT. 1981	SEP. 1982	OCT. 1982P
ALABAMA	$284.71	$285.52	$289.52	40.1	39.6	40.1	$7.10	$7.21	$7.22
Birmingham	311.26	288.67	297.20	39.5	37.2	38.9	7.88	7.76	7.64
Mobile	369.41	396.16	392.88	41.0	42.1	42.2	9.01	9.41	9.31
ALASKA	467.56	448.23	(*)	38.3	34.4	(*)	12.73	13.03	(*)
ARIZONA	325.12	337.42	335.23	39.6	38.3	38.4	8.21	8.81	8.73
ARKANSAS	251.86	263.25	265.95	39.6	39.0	39.4	6.36	6.75	6.75
Fayetteville—Springdale	225.98	238.85	235.13	39.3	38.9	38.8	5.75	6.14	6.06
Fort Smith	255.57	260.13	270.97	39.5	37.7	38.6	6.47	6.90	7.02
Little Rock—North Little Rock	293.33	303.41	311.26	39.8	39.2	39.6	7.37	7.74	7.86
Pine Bluff	318.48	372.20	361.42	41.2	40.5	40.7	7.73	9.19	8.88
CALIFORNIA	347.90	366.21	366.37	39.4	39.0	39.1	8.83	9.39	9.37
COLORADO	328.28	339.23	339.77	39.6	39.4	39.6	8.29	8.61	8.58
Denver—Boulder	328.99	350.46	352.44	39.4	39.6	39.6	8.35	8.85	8.90
CONNECTICUT	321.31	334.43	336.04	41.3	40.1	40.1	7.78	8.34	8.38
Bridgeport	339.20	352.00	351.82	42.4	40.6	40.3	8.00	8.67	8.73
Hartford	336.61	359.48	365.89	40.9	40.3	40.7	8.23	8.92	8.99
New Britain	332.06	342.50	340.80	42.3	40.2	40.0	7.85	8.52	8.52
New Haven—West Haven	300.60	319.87	318.67	39.5	39.2	39.1	7.61	8.16	8.15
Stamford	300.12	315.99	325.22	41.0	40.1	40.4	7.32	7.88	8.05
Waterbury	273.19	283.11	280.76	41.9	40.1	39.6	6.52	7.06	7.09
DELAWARE	323.92	334.85	337.98	38.7	38.4	39.3	8.37	8.72	8.60
Wilmington	376.71	387.87	392.31	39.2	36.8	38.2	9.61	10.54	10.27
DISTRICT OF COLUMBIA:									
Washington SMSA	357.19	373.01	376.89	39.6	39.1	39.3	9.02	9.54	9.59
FLORIDA	265.87	280.74	285.44	40.4	39.1	39.7	6.68	7.18	7.19
Fort Lauderdale—Hollywood	259.78	267.15	272.45	41.3	39.0	39.6	6.29	6.85	6.88
Jacksonville	326.06	320.62	324.26	42.4	39.1	39.4	7.69	8.20	8.23
Lakeland—Winter Haven	305.70	310.37	285.29	42.4	41.0	39.9	7.21	7.57	7.15
Miami	232.79	235.38	238.00	41.2	39.1	39.8	5.65	6.02	5.98
Orlando	257.77	311.20	315.97	42.6	40.0	40.2	6.99	7.78	7.86
Pensacola	328.68	367.84	364.69	41.5	41.8	39.9	7.92	8.80	9.14
Tampa—St. Petersburg	266.53	284.78	281.40	39.9	40.8	40.2	6.68	6.98	7.00
West Palm Beach—Boca Raton	289.07	299.03	306.47	40.6	40.3	40.7	7.12	7.42	7.53
GEORGIA	262.28	265.67	271.72	39.8	39.3	39.9	6.59	6.76	6.81
Atlanta	315.99	299.26	319.56	40.1	36.9	39.5	7.88	8.11	8.09
Savannah	344.86	391.61	386.61	41.3	44.3	43.1	8.35	8.84	8.97
HAWAII	306.54	313.81	319.61	39.3	37.9	38.6	7.80	8.28	8.28
Honolulu	301.06	310.79	316.01	38.4	37.4	37.8	7.84	8.31	8.36
IDAHO	293.59	340.86	314.39	35.5	38.0	36.9	8.27	8.97	8.52
Boise City	294.28	323.00	324.02	39.5	38.0	38.3	7.45	8.50	8.46
ILLINOIS	363.60	370.67	365.82	40.0	39.1	39.0	9.09	9.48	9.38
Bloomington—Normal	325.78	334.73	328.30	38.6	37.4	36.6	8.44	8.95	8.97
Champaign—Urbana—Rantoul	318.20	344.27	337.44	38.9	38.9	38.0	8.18	8.85	8.88
Chicago SMSA	333.04	357.20	358.56	39.6	38.7	38.6	8.41	9.23	9.29
Davenport—Rock Island—Moline	449.65	483.49	452.38	39.1	38.4	38.5	11.50	12.07	11.75
Decatur	442.39	465.66	451.63	39.9	39.8	38.8	11.08	11.70	11.64
Kankakee	250.40	306.16	310.90	36.9	37.2	37.1	7.87	8.23	8.38
Peoria	482.21	476.63	465.73	39.3	37.5	38.3	12.27	12.71	12.16
Rockford	375.35	389.21	377.20	40.8	40.5	40.0	9.20	9.61	9.43
Springfield	408.65	456.37	477.12	40.5	41.3	43.1	10.09	11.05	11.07
INDIANA	377.94	384.16	380.44	39.7	39.2	38.9	9.52	9.80	9.78
Gary—Hammond—East Chicago	490.59	(*)	(*)	39.5	(*)	(*)	12.42	(*)	(*)
Indianapolis	385.16	(*)	(*)	40.5	(*)	(*)	9.51	(*)	(*)
IOWA	391.44	399.99	391.88	39.7	39.1	38.8	9.86	10.23	10.10
Cedar Rapids	397.54	402.59	408.44	40.4	39.9	40.4	9.84	10.09	10.11
Des Moines	404.53	458.14	429.66	38.6	40.4	39.6	10.48	11.34	10.85

See footnotes at end of table.

C-12. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas—Continued

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	OCT. 1981	SEP. 1982	OCT. 1982P	OCT. 1981	SEP. 1982	OCT. 1982P	OCT. 1981	SEP. 1982	OCT. 1982P
IOWA—Continued									
Dubuque	$441.14	$421.83	$428.53	39.6	38.7	39.9	$11.14	$10.90	$10.74
Sioux City	288.39	386.78	364.05	37.6	41.5	38.2	7.67	9.32	9.53
Waterloo—Cedar Falls	505.18	497.58	515.65	38.8	37.3	38.8	13.02	13.34	13.29
KANSAS	338.18	356.61	356.69	40.5	39.8	39.5	8.35	8.96	9.03
Topeka	372.88	367.30	339.85	39.5	39.2	36.9	9.44	9.37	9.21
Wichita	370.96	385.83	403.57	40.9	39.9	39.8	9.07	9.67	10.14
KENTUCKY	314.70	329.26	331.50	38.9	38.6	39.0	8.09	8.53	8.50
Lexington—Fayette	325.51	379.20	394.61	39.6	40.6	39.9	8.22	9.34	9.89
Louisville	381.68	390.06	387.11	39.8	39.6	39.3	9.59	9.85	9.85
LOUISIANA	371.08	379.06	377.20	42.8	39.2	40.0	8.67	9.67	9.43
Baton Rouge	464.83	457.02	462.92	43.0	39.5	40.5	10.81	11.57	11.43
New Orleans	357.93	348.94	361.92	41.0	37.2	39.0	8.73	9.38	9.28
Shreveport	336.88	353.51	328.94	41.9	39.9	39.3	8.04	8.86	8.37
MAINE	276.89	298.75	294.52	40.6	40.1	39.8	6.82	7.45	7.40
Lewiston—Auburn	208.52	229.36	229.46	36.6	38.1	38.5	5.70	6.02	5.96
Portland	264.40	280.74	284.10	40.0	38.3	38.6	6.61	7.33	7.36
MARYLAND	338.24	344.47	354.42	39.7	39.1	39.6	8.52	8.81	8.95
Baltimore	357.46	371.33	382.04	40.3	39.8	40.3	8.87	9.33	9.48
MASSACHUSETTS	280.45	299.93	299.52	39.5	38.7	38.4	7.10	7.75	7.80
Boston	305.71	326.17	321.26	39.6	38.6	38.2	7.72	8.45	8.41
Brockton	232.46	239.15	235.21	39.4	37.9	37.1	5.90	6.31	6.34
Fall River	215.18	210.02	209.68	37.1	35.9	34.6	5.80	5.85	6.06
Lawrence—Haverhill	297.65	307.68	305.36	39.9	38.8	38.8	7.46	7.93	7.87
Lowell	256.71	259.91	271.40	39.8	36.3	37.8	6.45	7.16	7.18
New Bedford	228.12	259.82	245.35	35.7	37.6	34.9	6.39	6.91	7.03
Springfield—Chicopee—Holyoke	290.58	306.88	310.84	41.1	39.7	39.8	7.07	7.73	7.81
Worcester	289.64	300.67	302.10	39.3	38.4	38.0	7.37	7.83	7.95
MICHIGAN	438.41	432.23	440.81	40.3	38.1	39.7	10.88	11.33	11.10
Ann Arbor	474.77	485.77	472.38	41.5	39.7	41.3	11.43	12.25	11.45
Battle Creek	431.22	441.01	446.87	40.4	37.4	38.1	10.68	11.78	11.72
Bay City	375.82	405.92	382.34	40.8	41.9	40.2	9.22	9.70	9.51
Detroit	465.11	471.14	466.88	40.5	39.7	39.9	11.48	11.87	11.69
Flint	533.79	464.55	509.49	42.1	35.2	39.5	12.68	13.18	12.91
Grand Rapids	362.12	353.27	363.76	40.2	37.3	39.0	9.01	9.47	9.32
Jackson	401.19	379.62	396.73	42.4	38.9	41.1	9.45	9.77	9.66
Kalamazoo—Portage	394.55	391.40	405.23	39.2	38.0	39.5	10.07	10.30	10.25
Lansing—East Lansing	513.83	423.33	486.94	40.5	34.3	39.4	12.68	12.35	12.36
Muskegon—Norton Shores—Muskegon Heights	364.47	375.73	384.75	40.0	38.6	38.8	9.11	9.73	9.91
Saginaw	489.39	472.27	496.30	38.9	36.1	39.2	12.59	13.10	12.68
MINNESOTA	337.66	353.47	358.80	39.4	38.8	39.0	8.57	9.11	9.20
Duluth—Superior	341.82	341.97	338.30	39.7	34.3	34.0	8.61	9.97	9.95
Minneapolis—St. Paul	355.15	376.74	378.69	39.2	39.0	39.0	9.06	9.66	9.71
St. Cloud	258.11	269.19	273.50	36.2	34.6	35.2	7.13	7.78	7.77
MISSISSIPPI	240.73	248.58	255.82	39.4	38.6	39.6	6.11	6.44	6.46
Jackson	261.09	268.27	277.61	39.8	38.6	39.1	6.56	6.95	7.10
MISSOURI	311.63	328.79	331.27	39.1	38.5	38.7	7.97	8.54	8.56
Kansas City	359.99	372.66	371.33	39.3	38.9	38.4	9.16	9.58	9.67
St. Joseph	288.25	299.85	303.24	38.9	38.1	38.0	7.41	7.87	7.98
St. Louis	357.90	376.53	384.94	39.2	38.5	39.2	9.13	9.78	9.82
Springfield	290.31	297.89	304.50	38.3	39.3	39.7	7.58	7.58	7.67
MONTANA	372.65	409.42	395.60	40.2	40.1	39.6	9.27	10.21	9.99
NEBRASKA	325.95	347.94	337.90	41.0	40.6	39.8	7.95	8.57	8.49
Lincoln	300.89	349.67	331.87	37.8	40.1	38.5	7.96	8.72	8.62
Omaha	335.81	358.16	355.12	39.6	39.1	38.6	8.48	9.16	9.20
NEVADA	344.42	329.49	341.51	38.1	37.4	38.2	9.04	8.81	8.94
Las Vegas	473.61	422.41	(*)	39.9	39.7	(*)	11.87	10.64	(*)

See footnotes at end of table.

C-12. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas—Continued

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	OCT. 1981	SEP. 1982	OCT. 1982P	OCT. 1981	SEP. 1982	OCT. 1982P	OCT. 1981	SEP. 1982	OCT. 1982P
NEW HAMPSHIRE	$258.46	$276.28	$283.54	39.4	39.3	39.6	$6.56	$7.03	$7.16
Manchester	239.37	265.58	262.68	39.0	40.3	39.5	6.13	6.59	6.65
Nashua	290.66	314.76	333.04	39.6	39.1	39.6	7.34	8.05	8.41
NEW JERSEY	332.25	348.40	352.55	40.7	40.0	40.2	8.16	8.71	8.77
Atlantic City	276.09	263.93	280.13	39.5	38.7	39.4	6.98	6.82	7.11
Camden [1]	313.89	354.51	367.03	38.7	39.0	40.2	8.10	9.09	9.13
Hackensack [1]	296.54	306.52	310.44	40.9	39.5	39.8	7.24	7.76	7.80
Jersey City [1]	305.95	334.84	335.20	39.9	40.1	40.0	7.66	8.35	8.38
New Brunswick—Perth Amboy—Sayreville [1]	395.06	398.52	394.54	42.4	40.5	40.3	9.31	9.84	9.79
Newark [1]	341.69	353.82	358.80	41.0	39.8	40.0	8.33	8.89	8.97
Paterson—Clifton—Passaic [1]	317.35	316.61	320.62	41.5	38.8	39.1	7.64	8.16	8.20
Trenton	329.69	334.07	341.92	38.8	38.8	39.2	8.50	8.61	8.72
NEW MEXICO	262.87	287.12	295.71	38.6	38.8	39.8	6.81	7.40	7.43
Albuquerque	271.36	315.36	317.21	38.6	38.6	39.8	7.03	8.17	7.97
NEW YORK	310.83	324.24	(*)	39.0	38.6	(*)	7.97	-0	(*)
Albany—Schenectady—Troy	332.33	347.90	(*)	39.8	39.4	(*)	8.35	8.83	(*)
Binghamton	298.49	297.60	(*)	41.4	40.0	(*)	7.21	7.44	(*)
Buffalo	404.24	423.55	(*)	39.4	39.4	(*)	10.26	10.75	(*)
Elmira	309.50	339.55	(*)	40.3	39.3	(*)	7.68	8.64	(*)
Monroe County [1]	416.98	442.13	(*)	40.8	40.6	(*)	10.22	10.89	(*)
Nassau—Suffolk [1]	305.20	325.51	(*)	40.0	39.6	(*)	7.63	8.22	(*)
New York—Northeastern New Jersey	(*)	310.95	(*)	(*)	81.4	(*)	(*)	3.82	(*)
New York and Nassau—Suffolk [1]	272.95	286.04	(*)	37.7	37.1	(*)	7.24	7.71	(*)
New York SMSA [1]	264.15	275.18	(*)	37.1	36.4	(*)	7.12	7.56	(*)
New York City [1]	259.78	270.05	(*)	36.9	36.2	(*)	7.04	7.46	(*)
Poughkeepsie	326.56	330.54	(*)	42.8	42.0	(*)	7.63	7.87	(*)
Rochester	387.73	413.70	(*)	40.6	40.4	(*)	9.55	10.24	(*)
Rockland County [1]	312.78	330.40	(*)	40.1	39.1	(*)	7.80	8.45	(*)
Syracuse	344.69	362.60	(*)	40.6	40.2	(*)	8.49	9.02	(*)
Utica—Rome	300.30	296.32	(*)	40.3	37.7	(*)	7.50	7.86	(*)
Westchester County [1]	288.04	300.44	(*)	37.6	37.0	(*)	7.62	8.12	(*)
NORTH CAROLINA	240.07	242.44	246.02	39.1	38.0	38.5	6.14	6.38	6.39
Asheville	233.83	242.35	245.23	39.7	38.9	39.3	5.89	6.23	6.24
Charlotte—Gastonia	241.38	246.40	252.20	38.7	38.5	39.1	6.08	6.40	6.45
Greensboro—Winston-Salem—High Point	265.59	267.07	268.91	39.0	37.3	37.4	6.81	7.16	7.19
Raleigh—Durham	273.62	295.14	295.56	39.2	39.3	39.2	6.98	7.51	7.55
NORTH DAKOTA	277.93	289.55	283.88	39.2	37.8	37.7	7.09	7.66	7.53
Fargo—Moorhead	283.48	309.21	274.16	39.1	38.7	35.7	7.25	7.99	7.68
OHIO	353.50	410.68	404.50	40.4	40.3	39.9	9.74	10.19	10.14
Akron	397.99	406.31	407.95	41.2	41.0	41.0	9.66	9.91	9.95
Canton	396.21	407.93	409.77	39.7	39.3	39.1	9.98	10.38	10.48
Cincinnati	365.89	391.23	384.40	40.7	40.5	40.0	8.99	9.66	9.61
Cleveland	400.08	406.30	400.07	40.7	39.6	39.3	9.83	10.26	10.18
Columbus	356.61	376.91	378.65	39.8	39.8	39.9	8.96	9.47	9.49
Dayton	409.36	401.58	394.00	41.1	39.8	39.4	9.96	10.09	10.00
Toledo	419.22	453.70	452.92	41.1	41.7	41.4	10.20	10.88	10.94
Youngstown—Warren	460.88	464.13	458.57	39.8	39.5	39.6	11.58	11.75	11.58
OKLAHOMA	333.32	344.36	349.38	39.4	39.4	39.3	8.46	8.74	8.89
Oklahoma City	354.77	356.40	366.76	38.9	39.6	39.1	9.12	9.00	9.38
Tulsa	355.12	382.00	383.36	40.4	39.3	39.4	8.79	9.72	9.73
OREGON	360.47	395.30	(*)	37.2	39.1	(*)	9.69	10.11	(*)
Eugene—Springfield	372.37	406.36	(*)	37.2	39.3	(*)	10.01	10.34	(*)
Jackson County	334.69	370.92	(*)	36.3	38.2	(*)	9.22	9.71	(*)
Portland	377.64	(*)	(*)	38.3	(*)	(*)	9.86	(*)	(*)
Salem	290.23	300.95	(*)	34.8	37.2	(*)	8.34	8.09	(*)
PENNSYLVANIA	328.44	327.35	329.18	39.1	37.8	38.1	8.40	8.66	8.64
Allentown—Bethlehem—Easton	343.20	319.80	314.20	39.0	37.1	37.0	8.80	8.62	8.60
Altoona	281.64	282.94	278.98	38.9	38.6	37.7	7.24	7.33	7.40
Delaware Valley [1]	337.79	344.66	348.29	39.6	38.0	38.4	8.53	9.07	9.07
Erie	361.88	368.28	371.97	41.5	39.9	40.3	8.72	9.23	9.23
Harrisburg	301.48	310.84	324.09	38.9	38.0	39.0	7.75	8.18	8.31
Johnstown	334.13	293.41	265.46	37.5	34.6	33.1	8.91	8.48	8.02

See footnotes at end of table.

C-12. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas—Continued

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	OCT. 1981	SEP. 1982	OCT. 1982P	OCT. 1981	SEP. 1982	OCT. 1982P	OCT. 1981	SEP. 1982	OCT. 1982P
PENNSYLVANIA—Continued									
Lancaster	$286.86	$298.32	$304.98	39.3	38.1	38.9	$7.35	$7.83	$7.84
Northeast Pennsylvania	243.85	256.23	253.71	37.4	36.5	36.4	6.52	7.02	6.97
Philadelphia SMSA	340.23	346.47	351.40	39.7	38.2	38.7	8.57	9.07	9.08
Pittsburgh	402.16	393.39	393.72	39.7	36.8	36.9	10.13	10.69	10.67
Reading	312.42	307.18	315.63	39.2	36.7	37.8	7.97	8.37	8.35
Williamsport	315.14	313.17	323.56	40.5	39.0	39.7	7.88	8.03	8.15
York	312.98	320.39	307.97	41.4	40.3	40.1	7.56	7.95	7.68
RHODE ISLAND	244.14	252.22	254.51	39.0	38.1	38.1	6.26	6.62	6.68
Providence—Warwick—Pawtucket	243.20	251.94	252.50	39.1	38.7	38.2	6.22	6.51	6.61
SOUTH CAROLINA	257.35	260.35	263.70	40.4	38.4	39.3	6.37	6.78	6.71
Charleston—North Charleston	265.49	294.06	280.74	38.2	39.0	38.3	6.95	7.54	7.33
Columbia	242.35	247.87	247.04	39.6	37.9	38.3	6.12	6.54	6.45
Greenville—Spartanburg	252.94	249.62	249.10	40.6	38.7	38.8	6.23	6.45	6.42
SOUTH DAKOTA	294.35	274.23	297.98	40.6	38.3	41.1	7.25	7.16	7.25
Sioux Falls	444.71	318.45	415.36	43.9	36.9	47.2	10.13	8.63	8.80
TENNESSEE	272.12	283.14	281.46	39.9	39.0	39.2	6.82	7.26	7.18
Chattanooga	267.15	281.47	278.80	40.6	39.7	40.0	6.58	7.09	6.97
Knoxville	295.10	326.09	318.24	39.2	39.1	39.0	7.63	8.34	8.16
Memphis	309.32	304.98	296.05	40.7	39.2	38.2	7.60	7.78	7.75
Nashville—Davidson	307.09	318.40	316.81	41.0	40.0	39.8	7.49	7.96	7.96
TEXAS	335.37	349.34	348.07	41.2	40.2	40.1	8.14	8.69	8.68
Dallas—Fort Worth	316.71	327.92	333.60	40.5	39.7	40.0	7.82	8.26	8.34
Houston	433.84	434.92	431.59	44.0	41.5	41.3	9.86	10.48	10.45
San Antonio	245.40	245.50	240.15	40.9	38.6	37.7	6.00	6.36	6.37
UTAH	319.20	328.14	327.66	39.9	38.2	38.1	8.00	8.59	8.60
Salt Lake City—Ogden	311.18	326.37	331.96	40.1	38.9	39.1	7.76	8.39	8.49
VERMONT	279.33	294.71	297.00	39.9	39.4	39.6	7.00	7.48	7.50
Burlington	305.44	340.29	339.06	41.5	40.9	40.9	7.36	8.32	8.29
Springfield	305.63	297.59	305.76	39.9	38.3	39.0	7.66	7.77	7.84
VIRGINIA	280.59	289.48	284.10	39.8	38.7	38.6	7.05	7.48	7.36
Bristol	230.14	243.91	245.86	37.0	36.9	36.9	6.22	6.61	6.69
Lynchburg	272.40	267.25	263.25	40.0	37.8	37.5	6.81	7.07	7.02
Norfolk—Virginia Beach—Portsmouth	293.22	315.88	316.52	40.5	41.4	41.0	7.24	7.63	7.72
Northern Virginia[1]	310.72	329.62	323.19	41.1	40.2	39.9	7.56	8.10	8.10
Petersburg—Colonial Heights—Hopewell	355.10	386.72	384.48	39.9	40.2	40.6	9.00	9.62	9.47
Richmond	365.31	364.02	358.51	41.0	39.1	38.8	8.91	9.31	9.24
Roanoke	266.49	264.26	270.47	40.5	39.5	39.6	6.58	6.69	6.83
WASHINGTON	417.79	445.70	(*)	38.9	39.2	(*)	10.74	11.37	(*)
Seattle—Everett	440.03	(*)	(*)	39.5	(*)	(*)	11.14	(*)	(*)
WEST VIRGINIA	346.72	363.66	366.32	39.4	38.0	38.0	8.80	9.57	9.64
Charleston	431.57	452.09	452.18	42.9	41.4	40.7	10.06	10.92	11.11
Huntington—Ashland	395.26	393.02	396.34	38.3	35.6	36.8	10.32	11.04	10.77
Parkersburg—Marietta	387.03	411.59	424.91	40.4	39.5	40.7	9.58	10.42	10.44
Wheeling	392.78	389.18	405.53	39.2	37.1	38.9	10.02	10.49	10.99
WISCONSIN	356.32	371.72	375.53	39.9	39.7	39.5	8.98	9.36	9.51
Appleton—Oshkosh	355.11	363.93	371.41	41.3	41.0	41.6	8.60	8.88	8.93
Eau Claire	351.09	362.85	371.47	40.9	40.1	39.9	8.58	9.06	9.31
Green Bay	365.85	412.95	422.46	40.9	42.8	41.9	9.04	9.66	10.09
Janesville—Beloit	370.80	384.38	394.44	40.3	38.9	39.9	9.21	9.87	9.90
Kenosha	362.87	466.94	500.37	37.8	40.8	41.3	9.59	11.45	12.12
La Crosse	318.03	334.12	340.41	39.6	39.0	38.8	7.97	8.57	8.76
Madison	341.97	352.98	358.62	39.6	39.0	38.2	8.64	9.06	9.38
Milwaukee	395.88	415.74	412.67	39.6	39.3	39.0	9.99	10.59	10.57
Racine	390.09	399.48	406.18	40.1	39.4	39.9	9.73	10.14	10.18
WYOMING	315.20	300.00	300.56	40.0	35.8	36.3	7.88	8.38	8.28

See footnotes at end of table.

C-12. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas—Continued

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	OCT. 1981	SEP. 1982	OCT. 1982P	OCT. 1981	SEP. 1982	OCT. 1982P	OCT. 1981	SEP. 1982	OCT. 1982P
VIRGIN ISLANDS	$362.47	$430.43	$420.04	40.5	43.0	42.6	$8.95	$10.01	$9.86

[1] Revised to 1981 benchmark; not strictly comparable with previously published data.
[2] Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.
[3] Subarea of New York—Northeastern New Jersey.
[4] Subarea of Rochester Standard Metropolitan Statistical Area.
[5] Area included in New York and Nassau—Suffolk combined SMSA's.
[6] Subarea of New York Standard Metropolitan Statistical Area.
[7] Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pennsylvania.
[8] Subarea of Washington, D.C. Standard Metropolitan Statistical Area: Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park cities; and Arlington, Fairfax, Loudoun, and Prince William Counties, Virginia.

p = preliminary.
* Not available.

SOURCE: Cooperating State agencies listed on inside back cover.

D-1. Labor force and unemployment by State and selected metropolitan areas

(Numbers in thousands)

State and area	Labor force			Unemployment					
				Number			Percent of labor force		
	OCT. 1981	SEPT. 1982	OCT. 1982P	OCT. 1981	SEPT. 1982	OCT. 1982P	OCT. 1981	SEPT. 1982	OCT. 1982P
ALABAMA	1,686.0	1,694.8	1,723.2	176.5	245.9	258.5	10.5	14.5	15.0
Birmingham	377.4	381.4	387.7	39.1	56.9	60.5	10.4	14.9	15.6
Huntsville	144.7	148.7	151.2	13.6	17.8	18.6	9.4	12.0	12.3
Mobile	190.5	191.2	193.3	18.8	28.6	29.0	9.9	14.9	15.0
Montgomery	122.5	121.3	122.1	11.5	14.1	14.6	9.4	11.7	11.9
Tuscaloosa	54.7	53.1	54.9	4.9	6.0	6.5	8.9	11.3	11.9
ALASKA	195.9	204.6	200.4	16.9	15.9	17.3	8.6	7.8	8.7
ARIZONA	1,278.3	1,340.7	1,353.8	78.1	143.9	142.4	6.1	10.7	10.5
Phoenix	781.6	812.8	822.2	39.2	69.1	69.3	5.0	8.5	8.4
Tucson	232.2	248.9	250.7	12.2	25.4	25.8	5.3	10.2	10.3
ARKANSAS	1,047.0	1,045.1	1,055.4	84.6	99.6	101.4	8.1	9.5	9.6
Fayetteville-Springdale	82.8	82.3	82.6	3.8	6.1	5.7	4.6	7.4	6.9
Fort Smith[1]	89.5	86.4	87.2	8.2	9.1	9.4	9.2	10.5	10.8
Little Rock-North Little Rock	198.8	200.5	202.1	14.0	16.2	16.2	7.1	8.1	8.0
Pine Bluff	41.8	41.3	41.3	3.8	4.6	4.4	9.2	11.2	10.6
CALIFORNIA[2]	11,871.0	12,203.5	12,273.8	911.1	1,178.2	1,267.6	7.7	9.7	10.3
Anaheim-Santa Ana-Garden Grove	1,173.3	1,199.6	1,227.9	57.8	92.0	98.1	4.9	7.7	8.0
Bakersfield	198.5	204.6	208.8	18.9	25.6	28.1	9.5	12.5	13.4
Fresno	273.7	335.2	289.1	31.4	34.4	38.8	11.5	10.3	13.4
Los Angeles-Long Beach[1]	3,740.0	3,781.0	3,746.0	282.0	356.0	384.0	7.5	9.4	10.2
Modesto	139.7	147.9	147.3	17.3	19.3	22.1	12.4	13.1	15.0
Oxnard-Simi Valley-Ventura	251.7	261.3	268.7	22.4	31.4	34.3	8.9	12.0	12.8
Riverside-San Bernardino-Ontario	612.6	631.5	650.3	55.2	81.8	87.5	9.0	12.9	13.5
Sacramento	499.0	512.7	516.9	44.1	52.3	56.3	8.8	10.2	10.9
Salinas-Seaside-Monterey	138.7	144.4	146.5	11.2	12.8	13.8	8.1	8.9	9.4
San Diego	804.2	823.0	838.3	61.8	85.3	89.5	7.7	10.4	10.7
San Francisco-Oakland	1,704.1	1,742.7	1,784.0	101.9	139.8	149.7	6.0	8.0	8.4
San Jose	792.7	820.0	836.2	49.7	60.6	65.9	6.3	7.4	7.9
Santa Barbara-Santa Maria-Lompoc	154.6	158.3	162.6	9.6	12.0	13.2	6.2	7.6	8.1
Santa Rosa	143.4	147.9	151.5	11.0	14.0	14.6	7.7	9.4	9.7
Stockton	176.8	188.7	189.0	21.0	22.1	24.4	11.9	11.7	12.9
Vallejo-Fairfield-Napa	137.0	139.2	144.2	11.5	14.1	15.3	8.4	10.1	10.6
COLORADO	1,546.9	1,587.8	1,590.4	80.2	121.5	130.0	5.2	7.6	8.2
Denver-Boulder	918.8	939.4	939.4	43.3	64.5	69.3	4.7	6.9	7.4
CONNECTICUT	1,585.1	1,598.7	1,600.6	91.3	103.1	110.8	5.8	6.5	6.9
Bridgeport	192.8	194.4	194.7	11.4	14.8	16.1	5.9	7.6	8.3
Hartford	382.8	389.0	389.7	20.9	24.6	25.3	5.5	6.3	6.5
New Britain	74.4	73.2	73.5	4.9	6.2	6.7	6.6	8.4	9.1
New Haven-West Haven	198.6	200.1	201.8	12.2	12.4	13.8	6.1	6.2	6.8
Stamford	121.7	124.0	122.9	4.4	4.3	4.7	3.6	3.5	3.8
Waterbury	105.6	108.6	108.2	6.9	8.9	9.6	6.5	8.2	8.8
DELAWARE	289.3	292.1	290.5	21.0	23.2	22.2	7.3	7.9	7.6
Wilmington[1]	256.2	254.0	254.5	17.9	21.4	20.4	7.0	8.4	8.0
DISTRICT OF COLUMBIA	306.8	318.1	319.7	27.6	35.0	35.6	9.0	11.0	11.1
Washington SMSA[1]	1,683.2	1,709.0	1,710.5	86.9	100.0	99.9	5.2	5.8	5.8
FLORIDA[2]	4,625.2	4,937.2	4,988.7	363.8	406.2	458.8	7.9	8.2	9.2
Daytona Beach	110.1	115.0	117.7	8.0	7.0	9.1	7.3	6.1	7.7
Fort Lauderdale-Hollywood	487.8	513.4	515.6	30.7	35.9	42.0	6.3	7.0	8.1
Fort Myers-Cape Coral	96.8	106.3	108.1	6.3	8.3	9.6	6.5	7.8	8.9
Gainesville	82.6	84.2	84.6	4.7	3.7	4.3	5.7	4.4	5.1
Jacksonville	353.0	378.0	379.1	28.5	25.6	28.1	8.1	6.8	7.4
Lakeland-Winter Haven	151.7	153.0	160.2	22.8	26.6	27.7	15.1	17.4	17.3
Melbourne-Titusville-Cocoa	126.3	132.6	133.1	11.3	10.4	11.3	8.9	7.9	8.5
Miami	835.9	893.5	900.1	63.3	79.2	87.2	7.6	8.9	9.7
Orlando	374.7	402.0	407.2	29.9	26.7	32.0	8.0	6.6	7.9
Pensacola	125.0	134.0	136.9	9.1	8.6	11.8	7.3	6.5	8.7
Sarasota	79.9	87.4	87.9	4.9	6.6	6.2	6.2	7.5	7.1
Tallahassee	89.3	93.9	95.3	4.4	4.0	4.9	4.9	4.2	5.1
Tampa-St. Petersburg	719.2	774.4	780.6	50.4	56.4	64.4	7.0	7.3	8.2
West Palm Beach-Boca Raton	278.1	298.3	304.0	22.2	28.0	32.5	8.0	9.4	10.7

See footnotes at end of table.

STATE AND AREA UNEMPLOYMENT DATA

D-1. Labor force and unemployment by State and selected metropolitan areas—Continued

(Numbers in thousands)

State and area	Labor force			Unemployment					
				Number			Percent of labor force		
	OCT. 1981	SEPT. 1982	OCT. 1982P	OCT. 1981	SEPT. 1982	OCT. 1982P	OCT. 1981	SEPT. 1982	OCT. 1982P
GEORGIA	2,627.3	2,679.1	2,683.0	169.2	202.5	208.5	6.4	7.6	7.8
Albany	53.6	55.3	55.3	4.1	5.1	5.1	7.7	9.2	9.3
Atlanta	1,074.3	1,113.0	1,115.3	58.5	70.2	72.3	5.4	6.3	6.5
Augusta	133.0	140.5	139.1	10.3	14.7	13.2	7.7	10.4	9.5
Columbus[1]	90.1	87.8	89.0	7.8	8.2	8.7	8.7	9.4	9.8
Macon	106.9	110.2	109.9	6.9	7.5	7.8	6.4	6.8	7.1
Savannah	98.6	100.2	100.2	5.8	7.5	8.1	5.9	7.5	8.1
HAWAII	446.6	445.2	456.5	25.1	35.1	35.6	5.6	7.9	7.8
Honolulu	344.3	339.3	348.8	18.1	24.3	24.9	5.3	7.1	7.1
IDAHO	432.8	444.4	446.1	28.0	34.3	35.7	6.5	7.7	8.0
Boise City	87.4	91.5	90.7	4.7	5.6	5.9	5.4	6.1	6.6
ILLINOIS[2]	5,633.5	5,640.9	5,565.8	461.7	683.2	666.6	8.2	12.1	12.0
Bloomington—Normal	64.3	62.5	61.8	3.2	5.5	5.4	5.0	8.7	8.8
Champaign—Urbana—Rantoul	89.7	86.2	86.9	5.0	6.4	6.3	5.6	7.4	7.2
Chicago	3,531.1	3,539.1	3,483.6	282.4	402.0	384.9	8.0	11.4	11.0
Davenport—Rock Island—Moline[1]	190.0	191.9	191.7	16.7	31.7	31.9	8.8	16.5	16.6
Decatur	62.7	63.2	63.5	7.1	10.5	10.7	11.3	16.6	16.8
Kankakee	42.1	42.1	41.0	5.8	7.2	7.1	13.9	17.2	17.4
Peoria	176.2	174.8	175.0	13.1	28.2	29.5	7.4	16.1	16.9
Rockford	137.4	137.2	136.8	12.5	22.8	28.1	9.1	16.7	20.5
Springfield	99.9	100.6	98.8	6.2	7.7	7.9	6.2	7.7	7.9
INDIANA	2,612.8	2,598.9	2,605.8	249.6	297.1	309.8	9.6	11.4	11.9
Anderson	56.3	53.8	54.2	7.1	7.0	7.8	12.6	13.0	14.3
Elkhart	66.5	65.7	65.9	6.0	6.3	6.4	9.0	9.5	9.7
Evansville[1]	148.2	148.3	149.0	13.4	14.2	14.7	9.0	9.6	9.8
Fort Wayne	192.1	191.8	190.0	18.4	24.7	22.9	9.6	12.9	12.0
Gary—Hammond—East Chicago	293.3	293.4	295.7	35.5	45.8	50.4	12.1	15.6	17.0
Indianapolis	610.0	609.5	612.1	48.9	55.2	57.8	8.0	9.1	9.4
Lafayette—West Lafayette	64.7	65.4	66.0	4.5	5.5	5.7	7.0	8.4	8.7
Muncie	58.4	56.8	56.9	7.2	7.4	7.8	12.3	13.1	13.7
South Bend	134.7	134.9	134.2	10.9	13.1	12.2	8.1	9.7	9.1
Terre Haute	79.8	76.1	76.0	7.5	8.7	8.5	9.4	11.4	11.2
IOWA	1,426.4	1,372.2	1,390.9	84.2	105.7	109.0	5.9	7.7	7.8
Cedar Rapids	85.8	80.8	82.6	6.0	8.2	8.6	7.0	10.2	10.4
Des Moines	181.1	173.2	176.1	11.5	13.4	13.8	6.3	7.8	7.8
Dubuque	44.7	41.6	42.2	4.9	5.7	5.9	11.0	13.7	14.0
Sioux City[1]	55.4	54.8	53.8	3.9	4.3	4.0	7.1	7.8	7.4
Waterloo—Cedar Falls	67.9	64.3	64.6	5.0	6.7	6.8	7.3	10.4	10.5
KANSAS	1,193.9	1,177.8	1,186.1	48.7	83.1	82.8	4.1	7.1	7.0
Lawrence	35.7	34.1	34.9	1.6	1.7	1.8	4.6	4.9	5.2
Topeka	95.3	92.4	93.3	5.5	6.7	6.8	5.8	7.2	7.2
Wichita	228.2	225.7	227.3	9.2	24.5	23.4	4.0	10.8	10.3
KENTUCKY	1,679.6	1,718.4	1,729.2	117.3	184.2	183.5	7.0	10.7	10.6
Lexington—Fayette	183.8	188.7	192.6	8.2	11.7	11.9	4.4	6.2	6.2
Louisville[1]	429.5	437.9	440.5	33.8	48.9	51.1	7.9	11.2	11.6
Owensboro	43.6	42.3	41.9	3.0	4.3	3.9	6.8	10.2	9.3
LOUISIANA	1,889.7	1,925.7	1,913.7	151.5	214.3	208.4	8.0	11.1	10.9
Alexandria	74.1	75.9	75.4	7.2	8.5	8.2	9.8	11.3	10.9
Baton Rouge	230.8	231.4	231.7	17.1	23.5	22.7	7.4	10.2	9.8
Lafayette	94.6	101.9	100.7	4.2	6.3	6.4	4.4	6.2	6.3
Lake Charles	82.3	78.2	77.7	7.0	11.7	11.4	8.6	15.0	14.6
Monroe	56.6	56.6	55.8	5.6	7.1	6.9	9.8	12.5	12.4
New Orleans	516.4	513.7	509.9	39.8	52.7	50.1	7.7	10.3	9.8
Shreveport	164.8	162.9	162.1	13.0	17.1	17.0	7.9	10.5	10.5
MAINE	505.8	533.9	510.6	31.5	40.0	38.4	6.2	7.5	7.5
Lewiston—Auburn	37.6	37.7	37.3	2.3	3.3	3.1	6.1	8.7	8.3
Portland	91.6	93.4	94.5	4.4	5.3	5.2	4.8	5.7	5.5
MARYLAND	2,159.4	2,178.9	2,181.4	153.5	177.6	174.1	7.1	8.1	8.0
Baltimore	1,078.9	1,085.7	1,090.5	88.6	105.6	102.3	8.2	9.7	9.4

See footnotes at end of table.

D-1. Labor force and unemployment by State and selected metropolitan areas—Continued

(Numbers in thousands)

State and area	Labor force			Unemployment					
				Number			Percent of labor force		
	OCT. 1981	SEPT. 1982	OCT. 1982P	OCT. 1981	SEPT. 1982	OCT. 1982P	OCT. 1981	SEPT. 1982	OCT. 1982P
MASSACHUSETTS[1]	3,032.3	3,064.2	3,042.8	204.7	225.8	220.3	6.7	7.4	7.2
Boston	1,466.2	1,481.5	1,479.0	92.3	94.5	90.4	6.3	6.4	6.1
Brockton	84.4	82.9	82.3	6.7	7.6	6.7	8.0	9.2	8.2
Fall River[1]	75.9	77.5	75.8	6.8	7.7	7.5	8.9	9.9	9.9
Lawrence—Haverhill[1]	150.9	146.3	147.8	10.8	12.8	13.1	7.2	8.7	8.9
Lowell	133.5	133.5	133.9	9.4	10.0	9.7	7.0	7.5	7.3
New Bedford	87.8	85.0	84.7	8.0	9.4	9.4	9.1	11.1	11.1
Springfield—Chicopee—Holyoke	288.4	296.5	293.6	19.3	21.5	19.8	6.7	7.2	6.7
Worcester	206.7	206.3	208.2	12.6	17.1	17.7	6.1	8.3	8.5
MICHIGAN[1]	4,344.1	4,306.6	4,278.7	503.9	624.4	636.7	11.6	14.5	14.9
Ann Arbor	145.3	144.2	140.7	11.1	15.3	15.4	7.7	10.6	11.0
Battle Creek	80.8	83.4	81.7	8.2	13.4	12.4	10.1	16.0	15.1
Bay City	54.2	54.6	55.0	6.5	7.7	7.9	12.0	14.1	14.3
Detroit	2,007.3	1,979.6	1,967.9	250.5	300.3	309.1	12.5	15.2	15.7
Flint	226.8	225.4	225.8	32.1	40.2	46.6	14.1	17.8	20.6
Grand Rapids	332.9	331.7	329.8	31.1	36.4	35.3	9.3	11.0	10.7
Jackson	66.5	66.5	66.0	7.3	10.4	10.8	10.9	15.6	16.4
Kalamazoo—Portage	140.5	141.5	139.2	11.3	15.2	14.3	8.0	10.7	10.3
Lansing—East Lansing	250.6	242.6	245.3	23.6	28.9	26.9	9.4	11.9	11.0
Muskegon—Norton Shores—Muskegon Heights	78.2	81.3	79.7	9.5	14.0	14.0	12.2	17.2	17.5
Saginaw	103.2	102.9	101.5	14.2	14.5	14.9	13.7	14.1	14.7
MINNESOTA	2,157.5	2,172.8	2,166.7	102.1	155.7	165.5	4.7	7.2	7.6
Duluth—Superior[1]	113.4	114.8	114.5	9.5	21.4	22.3	8.3	18.6	19.4
Minneapolis—St. Paul	1,171.8	1,160.8	1,169.0	48.3	75.0	79.0	4.1	6.5	6.8
Rochester	58.1	58.6	58.7	2.4	3.0	3.5	4.2	5.2	6.0
St. Cloud	75.0	77.8	77.2	5.1	6.2	6.6	6.8	8.0	8.5
MISSISSIPPI	1,061.9	1,064.8	1,064.7	81.1	130.1	129.7	7.6	12.2	12.2
Jackson	160.9	159.2	159.1	9.5	13.7	13.6	5.9	8.6	8.5
MISSOURI	2,326.4	2,339.4	2,303.6	168.9	208.1	199.5	7.3	8.9	8.7
Kansas City[1]	686.6	669.5	661.4	51.4	57.6	52.7	7.5	8.6	8.0
St. Joseph	43.8	44.4	43.4	3.8	4.6	4.4	8.6	10.4	10.2
St. Louis[1]	1,116.3	1,122.3	1,107.1	89.6	110.4	105.4	8.0	9.8	9.5
Springfield	109.0	110.0	108.3	6.0	8.3	8.4	5.5	7.5	7.7
MONTANA	382.1	385.7	385.3	21.7	28.9	32.0	5.7	7.5	8.3
Billings	59.3	60.9	61.3	2.2	3.6	3.6	3.7	5.9	5.9
Great Falls	34.5	35.2	35.5	2.0	2.7	2.9	5.8	7.7	8.3
NEBRASKA	778.2	773.1	774.1	29.6	41.8	43.7	3.8	5.4	5.6
Lincoln	111.0	111.2	111.4	4.0	5.3	5.5	3.6	4.8	4.9
Omaha[1]	283.6	280.9	281.8	14.8	19.7	20.3	5.2	7.0	7.2
NEVADA	470.6	486.1	487.2	30.8	50.4	53.4	6.6	10.4	11.0
Las Vegas	262.4	270.5	271.7	19.6	31.5	33.2	7.5	11.6	12.2
Reno	129.1	133.7	134.0	6.3	10.8	11.4	4.9	8.1	8.5
NEW HAMPSHIRE	482.8	484.3	481.3	20.9	30.5	34.1	4.3	6.3	7.1
Manchester	84.0	84.6	84.8	3.9	5.4	5.8	4.6	6.4	6.8
Nashua	83.9	83.5	84.1	3.6	5.3	5.9	4.3	6.3	7.0
NEW JERSEY	3,581.5	3,595.8	3,636.3	229.8	307.9	300.1	6.4	8.6	8.3
Atlantic City	116.7	120.7	121.0	10.2	10.7	11.4	8.7	8.9	9.4
Jersey City	242.3	243.4	245.6	22.3	31.6	31.1	9.2	13.0	12.7
Long Branch—Asbury Park	241.7	250.2	250.3	16.2	20.4	20.4	6.7	8.2	8.1
New Brunswick—Perth Amboy—Sayreville	332.1	331.0	335.9	18.0	28.1	26.8	5.4	8.5	8.0
Newark	965.6	972.3	990.4	60.4	82.1	78.3	6.3	8.4	7.9
Paterson—Clifton—Passaic	207.4	206.4	208.6	15.0	22.2	21.1	7.2	10.7	10.1
Trenton	157.7	156.8	159.7	8.1	12.8	11.8	5.2	8.2	7.4
Vineland—Millville—Bridgeton	58.3	59.3	58.8	6.2	8.9	8.3	10.7	15.1	14.0
NEW MEXICO	584.3	606.9	612.7	42.0	60.2	63.7	7.2	9.9	10.4
Albuquerque	212.5	223.3	224.9	15.7	19.0	20.8	7.4	8.5	9.2
Las Cruces	37.2	38.4	40.5	2.7	3.9	4.0	7.3	10.1	10.0

See footnotes at end of table.

STATE AND AREA UNEMPLOYMENT DATA

D-1. Labor force and unemployment by State and selected metropolitan areas—Continued

(Numbers in thousands)

State and area	Labor force			Unemployment					
				Number			Percent of labor force		
	OCT. 1981	SEPT. 1982	OCT. 1982P	OCT. 1981	SEPT. 1982	OCT. 1982P	OCT. 1981	SEPT. 1982	OCT. 1982P
NEW YORK[2]	7,935.6	7,900.6	7,947.0	534.0	666.6	716.0	6.7	8.4	9.0
Albany—Schenectady—Troy	371.5	371.9	373.4	17.1	25.8	26.7	4.6	6.9	7.1
Binghamton[1]	139.2	140.6	141.5	6.9	10.9	11.6	5.0	7.8	8.2
Buffalo	552.5	547.0	551.9	42.4	69.5	75.3	7.7	12.7	13.6
Elmira	39.1	38.1	38.5	2.4	4.8	5.0	6.1	12.6	13.0
Nassau-Suffolk	1,298.3	1,312.6	1,314.2	59.8	87.8	86.5	4.6	6.7	6.6
New York	3,638.6	3,589.6	3,617.8	303.3	309.6	340.5	8.3	8.6	9.4
New York City[3]	3,026.0	2,975.0	3,002.0	281.0	274.0	305.0	9.3	9.2	10.1
Poughkeepsie	110.9	112.2	113.0	4.7	6.9	7.4	4.2	6.1	6.5
Rochester	473.0	471.4	478.5	21.9	35.4	38.9	4.6	7.5	8.1
Syracuse	298.4	296.2	298.9	15.7	24.1	25.4	5.3	8.1	8.5
Utica—Rome	133.5	134.2	135.2	7.1	11.5	12.7	5.3	8.6	9.4
NORTH CAROLINA	2,924.4	2,959.7	2,965.0	172.7	257.7	276.3	5.9	8.7	9.3
Asheville	89.5	92.2	91.3	5.2	6.9	7.2	5.8	7.4	7.9
Charlotte—Gastonia	374.3	379.8	383.7	17.6	26.6	29.7	4.7	7.0	7.7
Greensboro—Winston-Salem—High Point	447.3	454.9	459.7	23.8	36.3	39.8	5.3	8.0	8.7
Raleigh—Durham	313.9	318.9	323.1	10.8	14.9	15.6	3.4	4.7	4.8
NORTH DAKOTA	313.9	317.1	308.3	11.5	15.3	17.0	3.7	4.8	5.5
Fargo—Moorehead[1]	73.1	71.5	72.5	2.9	3.3	3.5	3.9	4.6	4.9
OHIO[2]	5,083.8	5,121.7	5,162.9	503.6	629.2	680.8	9.9	12.3	13.2
Akron	302.2	305.7	306.5	28.6	36.0	37.8	9.4	11.8	12.3
Canton	187.0	192.6	196.3	17.5	26.2	31.3	9.4	13.6	15.9
Cincinnati[1]	678.9	690.0	696.1	62.8	70.6	77.6	9.2	10.2	11.1
Cleveland	923.6	926.4	936.9	79.9	98.7	111.4	8.7	10.7	11.9
Columbus	565.5	566.5	574.0	46.3	49.7	51.1	8.2	8.8	8.9
Dayton	389.7	394.7	396.9	33.3	42.9	45.7	8.5	10.9	11.5
Toledo[1]	370.6	368.8	374.6	41.6	45.0	49.1	11.2	12.2	13.1
Youngstown—Warren	230.2	238.6	241.0	25.3	45.0	47.5	11.0	18.8	19.7
OKLAHOMA	1,474.3	1,477.5	1,458.7	52.6	89.3	91.3	3.6	6.0	6.3
Enid	30.5	29.2	28.7	.8	1.9	1.8	3.1	6.4	6.4
Lawton	35.1	33.8	34.1	1.5	1.8	1.9	4.3	5.2	5.5
Oklahoma City	456.4	467.5	459.9	14.1	23.8	22.4	3.1	5.1	4.9
Tulsa	365.5	361.9	355.3	13.6	24.9	24.9	3.7	6.9	7.0
OREGON	1,335.6	1,310.4	1,305.1	127.8	131.7	134.7	9.6	10.0	10.3
Eugene—Springfield	140.0	131.4	132.5	16.7	14.5	15.0	11.9	11.0	11.3
Portland[1]	651.2	645.2	645.6	51.6	63.0	64.6	7.9	9.8	10.0
Salem	127.9	131.8	128.2	10.0	10.1	10.6	7.8	7.7	8.3
PENNSYLVANIA[2]	5,525.7	5,493.2	5,539.3	474.9	601.4	620.5	8.6	10.9	11.2
Allentown—Bethlehem—Easton[1]	314.1	309.2	310.8	24.7	32.7	34.5	7.9	10.6	11.1
Altoona	58.4	57.1	56.8	6.7	6.1	7.7	11.5	10.6	13.5
Erie	126.2	125.5	126.4	11.4	15.7	16.8	9.0	12.5	13.3
Harrisburg	238.5	239.5	240.5	15.0	14.8	15.5	6.3	6.2	6.4
Johnstown	107.0	104.6	107.4	13.3	17.6	20.0	12.5	16.8	18.6
Lancaster	186.8	185.2	186.7	10.0	12.3	12.8	5.4	6.6	6.9
Northeast Pennsylvania	289.3	283.9	288.1	28.0	30.5	31.2	9.7	10.8	10.8
Philadelphia[1]	2,206.8	2,184.6	2,210.3	181.5	184.7	184.6	8.2	8.5	8.4
Pittsburgh	1,044.5	1,043.1	1,045.7	77.9	144.7	145.4	7.5	13.9	13.9
Reading	162.0	158.4	160.2	12.3	14.2	15.3	7.6	9.0	9.6
Williamsport	53.9	52.4	53.1	6.5	6.1	6.1	12.1	11.6	11.5
York	182.3	182.4	184.1	13.6	19.4	20.1	7.5	10.6	10.9
RHODE ISLAND	479.2	484.2	484.7	31.2	41.8	43.9	6.5	8.6	9.1
Providence—Warwick—Pawtucket[1]	475.0	476.2	477.4	31.5	42.9	44.4	6.6	9.0	9.3
SOUTH CAROLINA	1,424.6	1,471.9	1,479.7	117.3	157.2	159.3	8.2	10.7	10.8
Charleston—North Charleston	172.4	181.2	183.1	13.2	16.4	16.3	7.7	9.0	8.9
Columbia	188.3	193.2	196.3	11.2	14.0	14.2	5.9	7.2	7.2
Greenville—Spartanburg	286.0	295.4	296.7	21.4	30.1	30.4	7.5	10.2	10.3
SOUTH DAKOTA	336.3	328.7	323.4	15.0	15.2	16.2	4.5	4.6	5.0
Sioux Falls	63.3	62.2	62.9	2.9	2.6	2.8	4.6	4.2	4.4
TENNESSEE	2,129.8	2,150.4	2,167.7	178.1	235.0	243.2	8.4	10.9	11.2
Chattanooga[1]	199.6	205.7	207.6	17.1	22.9	24.9	8.6	11.1	12.0
Knoxville	226.9	233.4	234.8	15.6	18.4	18.9	6.9	7.9	8.0
Memphis[1]	412.7	415.7	417.0	35.0	39.5	39.4	8.5	9.5	9.5
Nashville—Davidson	432.1	431.0	434.9	26.6	34.7	35.5	6.1	8.0	8.2

See footnotes at end of table

D-1. Labor force and unemployment by State and selected metropolitan areas—Continued

(Numbers in thousands)

State and area	Labor force			Unemployment					
				Number			Percent of labor force		
	OCT. 1981	SEPT. 1982	OCT. 1982p	OCT. 1981	SEPT. 1982	OCT. 1982p	OCT. 1981	SEPT. 1982	OCT. 1982p
TEXAS[2]	7,146.7	7,311.4	7,320.7	332.4	587.4	554.9	4.7	8.0	7.6
Dallas—Fort Worth	1,677.2	1,739.5	1,742.5	71.3	111.0	102.0	4.3	6.4	5.9
Houston	1,705.2	1,726.9	1,733.2	68.5	143.0	138.4	4.0	8.3	8.0
San Antonio	461.0	470.1	470.5	26.5	37.1	33.9	5.7	7.9	7.2
UTAH	657.9	682.0	675.5	40.8	52.8	54.2	6.2	7.7	8.0
Salt Lake City—Ogden	431.9	441.3	440.1	26.2	33.8	35.1	6.1	7.7	8.0
VERMONT	261.0	274.2	274.3	12.9	15.6	16.5	4.9	5.7	6.0
VIRGINIA	2,604.8	2,641.2	2,643.2	146.1	194.2	205.8	5.6	7.4	7.8
Lynchburg	75.3	76.5	75.3	4.0	7.1	6.7	5.3	9.3	8.9
Newport News—Hampton	166.9	172.4	172.4	9.8	11.2	12.0	5.9	6.5	7.0
Norfolk—Virginia Beach—Portsmouth[1]	335.1	342.1	344.0	20.3	25.2	26.6	6.0	7.4	7.7
Petersburg—Colonial Heights—Hopewell	57.9	59.7	60.0	4.2	5.3	6.1	7.2	8.9	10.2
Richmond	333.1	340.4	339.7	13.7	19.4	19.9	4.1	5.7	5.9
Roanoke	110.4	110.7	111.2	7.4	7.5	8.7	6.7	6.8	7.9
WASHINGTON	1,989.5	2,024.3	2,040.0	186.5	225.7	233.1	9.4	11.1	11.4
Seattle—Everett	866.1	889.7	897.4	71.2	93.2	93.9	8.2	10.5	10.5
Spokane	149.9	148.3	150.8	14.6	17.5	17.6	9.7	11.8	11.7
Tacoma	175.7	189.0	186.9	17.6	23.1	23.4	10.0	12.2	12.5
WEST VIRGINIA	772.9	784.8	784.2	65.6	109.6	120.0	8.5	14.0	15.3
Charleston	124.8	126.0	125.0	8.7	12.2	13.4	7.0	9.7	10.9
Huntington—Ashland[1]	124.8	126.5	126.6	11.3	17.5	18.6	9.1	13.8	14.7
Parkersburg—Marietta[1]	73.4	74.9	74.3	6.8	9.4	10.1	9.2	12.6	13.6
Wheeling[1]	82.6	82.4	83.4	8.4	11.4	12.7	10.2	13.8	15.3
WISCONSIN	2,376.6	2,484.3	2,476.3	165.9	255.2	260.0	7.0	10.3	10.5
Appleton—Oshkosh	148.5	153.9	154.2	9.1	15.6	15.2	6.2	10.1	9.9
Eau Claire	58.7	60.7	60.7	3.7	5.2	5.2	6.2	8.6	8.6
Green Bay	91.2	97.0	96.6	6.2	8.8	8.6	6.8	9.1	8.9
Janesville—Beloit	70.7	72.7	74.7	9.3	9.1	11.0	13.1	12.5	14.8
Kenosha	56.7	63.6	61.9	8.8	6.9	6.2	15.5	10.9	10.0
La Crosse	49.4	51.4	51.5	3.1	4.1	4.2	6.3	8.0	8.2
Madison	187.1	192.8	193.9	8.6	12.0	12.4	4.6	6.2	6.4
Milwaukee	717.7	743.0	745.8	47.9	86.4	87.7	6.6	11.6	11.8
Racine	86.1	87.2	86.7	8.3	12.4	12.5	9.6	14.2	14.4
WYOMING	252.6	257.8	253.4	9.2	14.0	16.1	3.6	5.4	6.3

[1] Includes interstate portion of area located in adjacent State.

[2] Data are obtained directly from the Current Population Survey. (See "Explanatory Notes" for State and Area Unemployment Data in Employment and Earnings, monthly.)

NOTE: Estimates for 1981 have been benchmarked to 1981 Current Population Survey annual averages. Except in the 10 States and 2 areas designated by footnote 2, estimates for 1982 are provisional and will be revised when new benchmark information becomes available. Data refer to place of residence.

p = preliminary.
N.A. = not available.

SOURCE: Current Population Survey and Cooperating State Employment Security Agencies listed on inside back cover.

Labor force and unemployment estimates for counties, cities, and other small areas have been prepared for administration of various Federal economic assistance programs and may be ordered from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. The report "Employment and Unemployment in States and Local Areas" is published monthly through GPO and is available on microfiche only on a subscription basis.

Explanatory Notes

Introduction

The statistics in this periodical are compiled from two major sources: (1) Household interviews, and (2) reports from employers.

Data based on household interviews are obtained from a sample survey of the population 16 years of age and over. The survey is conducted each month by the Bureau of the Census for the Bureau of Labor Statistics and provides comprehensive data on the labor force, the employed, and the unemployed, including such characteristics as age, sex, race, family relationship, marital status, occupation, and industry attachment. The survey also provides data on the characteristics and past work experience of those not in the labor force. The information is collected by trained interviewers from a sample of about 60,000 households, representing 629 areas in 1,148 counties and independent cities, with coverage in 50 States and the District of Columbia. The data collected are based on the activity or status reported for the calendar week including the 12th of the month.

Data based on establishment records are compiled each month from mail questionnaires by the Bureau of Labor Statistics, in cooperation with State agencies. The establishment survey is designed to provide industry information on nonagricultural wage and salary employment, average weekly hours, average hourly earnings, and average weekly earnings for the Nation, States, and metropolitan areas. The employment, hours, and earnings series are based on payroll reports from a sample of establishments employing over 30 million nonagricultural wage and salary workers. The data relate to all workers, full- or part-time, who received pay during the payroll period which includes the 12th day of the month.

RELATION BETWEEN THE HOUSEHOLD AND ESTABLISHMENT SERIES

The household and establishment data supplement one another, each providing significant types of information that the other cannot suitably supply. Population characteristics, for example, are readily obtained only from the household survey whereas detailed industrial classifications can be reliably derived only from establishment reports.

Data from these two sources differ from each other because of differences in definitions and coverage, sources of information, methods of collection, and estimating procedures. Sampling variability and response errors are additional reasons for discrepancies. The major factors which have a differential effect on levels and trends of the two series are as follows.

Employment

Coverage. The household survey definition of employment comprises wage and salary workers (including domestics and other private household workers), self-employed persons, and unpaid workers who worked 15 hours or more during the survey week in family-operated enterprises. Employment in both agricultural and nonagricultural industries is included. The payroll survey covers only wage and salary employees on the payrolls of nonagricultural establishments.

Multiple jobholding. The household approach provides information on the work status of the population without duplication, since each person is classified as employed, unemployed, or not in the labor force. Employed persons holding more than one job are counted only once and are classified according to the job at which they worked the greatest number of hours during the survey week. In the figures based on establishment reports, persons who worked in more than one establishment during the reporting period are counted each time their names appear on payrolls.

Unpaid absences from jobs. The household survey includes among the employed all persons who had jobs but were not at work during the survey week—that is, were not working but had jobs from which they were temporarily absent because of illness, bad weather, vacation, labor-management dispute, or because they were taking time off for various other reasons, even if they were not paid by their employers for the time off. In the figures based on payroll reports, persons on leave paid for by the company are included, but not those on leave without pay for the entire payroll period.

For a comprehensive discussion of the differences between household and establishment survey employment data, see Gloria P. Green's article "Comparing Employment Estimates from Household and Payroll Surveys," *Monthly Labor Review*, December 1969.

Hours of work

The household survey measures hours actually worked whereas the payroll survey measures hours paid for by employers. In the household survey data, all persons with a job but not at work are excluded from the hours distributions and the computations of average hours. In the payroll survey, production or nonsupervisory employees on paid vacation, paid holiday, or paid sick leave are included and assigned the number of hours for which they were paid during the reporting period.

Earnings

The household survey measures median earnings of wage and salary workers in all occupations and industries in both the private and public sectors. Data refer to the usual earnings received from the worker's sole or primary job. Data from the establishment survey generally refer to mean earnings of production and related workers in mining and manufacturing, construction workers in construction, and nonsupervisory employees in private service-producing industries. For a comprehensive discussion of the household survey earnings series, see "Technical Description of the Quarterly Data on Weekly Earnings from the Current Population Survey," BLS Bulletin 2113.

COMPARABILITY OF THE HOUSEHOLD DATA WITH OTHER SERIES

Unemployment insurance data. The unemployed total from the household survey includes all persons who did not have a job at all during the survey week and were looking for work or were waiting to be called back to a job from which they had been laid off, whether or not they were eligible for unemployment insurance. Figures on unemployment insurance claims, prepared by the Employment and Training Administration of the Department of Labor, exclude persons

who have exhausted their benefit rights, new workers who have not earned rights to unemployment insurance, and persons losing jobs not covered by unemployment insurance systems (some workers in agriculture, domestic services, and religious organizations, and self employed and unpaid family workers). Beginning in January 1978, coverage was extended to include domestic workers whose employers paid $1,000 or more in wages in any calendar quarter, agricultural employees whose employers engaged 10 or more workers in 20 weeks or paid a total $20,000 or more in wages in any calendar quarter, and almost all State and local government employees.

In addition, the qualifications for drawing unemployment compensation differ from the definition of unemployment used in the household survey. For example, persons with a job but not at work and persons working only a few hours during the week are sometimes eligible for unemployment compensation but are classified as employed rather than unemployed in the household survey.

For an examination of the similarities and differences between State insured unemployment and total unemployment, see "Measuring Total and State Insured Unemployment" by Gloria P. Green in the June 1971 issue of the *Monthly Labor Review*.

Agricultural employment estimates of the Department of Agriculture. The principal differences in coverage are the inclusion of persons under 16 in the Statistical Research Service (SRS) series and the treatment of dual jobholders who are counted more than once if they work on more than one farm during the reporting period. There are also wide differences in sampling techniques and collecting and estimating methods, which cannot be readily measured in terms of impact on differences in level and trend of the two series.

COMPARABILITY OF THE PAYROLL EMPLOYMENT DATA WITH OTHER SERIES

Statistics on manufactures and business, Bureau of the Census. BLS establishment statistics on employment differ from employment counts derived by the Bureau of Census from its censuses or annual sample survey of manufacturing establishments and the censuses of business establishments. The major reasons for some noncomparability are different treatment of business units considered parts of an establishment, such as central administrative offices and auxiliary units, the industrial classification of establishments, and different reporting patterns by multiunit companies. There are also differences in the scope of the industries covered, e.g., the Census of Business excludes professional services, public utilities, and financial establishments, whereas these are included in the BLS statistics.

County Business Patterns. Data in County Business Patterns (CBP), published by the Bureau of the Census, U.S. Department of Commerce, differ from BLS establishment statistics in the treatment of central administrative offices and auxiliary units. Differences may also arise because of industrial classification and reporting practices. In addition, CBP excludes interstate railroads and government, and coverage is incomplete for some of the nonprofit activities.

Employment covered by State unemployment insurance programs. Most nonagricultural wage and salary workers are covered by the unemployment insurance programs. Beginning in January 1972, coverage was expanded to include employees of small firms and selected nonprofit activities who had not been covered previously. However, certain activities, such as interstate railroads, parochial schools, and churches are not covered by unemployment insurance whereas these are included in the BLS establishment statistics. Beginning in January 1978, coverage was extended to include domestic workers whose employers paid $1,000 or more in wages in any calendar quarter, agricultural employees whose employers engaged 10 or more workers in 20 weeks or paid a total of $20,000 or more in wages in any calendar quarter, and almost all State and local government employees.

Household Data (A tables)

COLLECTION AND COVERAGE

Statistics on the employment status of the population, the personal, occupational, and other characteristics of the employed, the unemployed, and persons not in the labor force, and related data are compiled for the BLS by the Bureau of the Census in its Current Population Survey (CPS). A detailed description of this survey appears in *Concepts and Methods Used in Labor Force Statistics Derived from the Current Population Survey*, BLS Report 463. This report is available from BLS upon request.

These monthly surveys of the population are conducted with a scientifically selected sample designed to represent the civilian noninstitutional population. Respondents are interviewed to obtain information about the employment status of each member of the household 16 years of age and over. Separate statistics are also collected and published for 14- and 15-year-olds. The inquiry relates to activity or status during the calendar week, Sunday through Saturday, which includes the 12th of the month. This is known as the survey week. Actual field interviewing is conducted in the following week.

Inmates of institutions, members of the Armed Forces, and persons under 14 years of age are not covered in the regular monthly enumerations and are excluded from the population and labor force statistics shown in this report. Data on members of the Armed Forces, who are included as part of the categories "total noninstitutional population" and "total labor force," are, however, obtained from the Department of Defense.

Each month about 60,000 occupied units are eligible for interview. About 2,500 of these households are visited but interviews are not obtained because the occupants are not at home after repeated calls or are unavailable for other reasons. This represents a noninterview rate for the survey of between 4 or 5 percent. In addition to the 60,000 occupied units, there are 11,000 sample units in an average month which are visited but found to be vacant or otherwise not to be enumerated. Part of the sample is changed each month. The rotation plan provides for three-fourths of the sample to be common from 1 month to the next and one-half to be common with the same month a year earlier.

Beginning in September 1975, the sample was enlarged by 9,000 households in order to provide greater reliability for smaller States and thus permit the publication of annual statistics for all 50 States and the District of Columbia. These supplementary households were added to the national 47,000 household sample in January 1978.

Over the period November 1978 to April 1979 the sample was again enlarged by 9,000 households. These supplementary households were added to the 56,000 household sample in January 1980.

Beginning in May 1981, the sample size was cut by about 6,000 occupied housing units. The reduction did not affect the ability to

publish reliable State and local estimates and had practically no effect on the reliability of national estimates.

Beginning in January 1982, the sample was expanded by about 100 households in 15 counties. The expanded sample provides sufficient coverage of counties added to 7 of the 30 largest SMSA's redefined in 1973. The additional sample had practically no effect on the reliability of national or State estimates.

CONCEPTS

Employed persons comprise (a) all those who during the survey week did any work at all as paid employees, in their own business, profession, or farm, or who worked 15 hours or more as unpaid workers in an enterprise operated by a member of the family, and (b) all those who were not working but who had jobs or businesses from which they were temporarily absent because of illness, bad weather, vacation, labor-management dispute, or personal reasons, whether or not they were paid by their employers for the time off, and whether or not they were seeking other jobs.

Each employed person is counted only once. Those who held more than one job are counted in the job at which they worked the greatest number of hours during the survey week.

Included in the total are employed citizens of foreign countries, temporarily in the United States, who are not living on the premises of an embassy.

Excluded are persons whose only activity consisted of work around the house (such as home housework, and painting or repairing own home) or volunteer work for religious, charitable, and similar organizations.

Unemployed persons comprise all persons who did not work during the survey week, who made specific efforts to find a job within the past 4 weeks, and who were available for work during the survey week (except for temporary illness). Also included as unemployed are those who did not work at all, were available for work, and (a) were waiting to be called back to a job from which they had been laid off; or (b) were waiting to report to a new wage or salary job within 30 days.

Duration of unemployment represents the length of time (through the current survey week) during which persons classified as unemployed had been continuously looking for work. For persons on layoff, duration of unemployment represents the number of full weeks since the termination of their most recent employment. A period of 2 weeks or more during which a person was employed or ceased looking for work is considered to break the continuity of the present period of seeking work. Measurements of mean and median duration are computed from a distribution of single weeks of unemployment.

Unemployed persons by reasons for unemployment are divided into four major groups. (1) Job losers are persons whose employment ended involuntarily who immediately began looking for work and persons on layoff. (2) Job leavers are persons who quit or otherwise terminated their employment voluntarily and immediately began looking for work. (3) Reentrants are persons who previously worked at a full-time job lasting 2 weeks or longer but were out of the labor force prior to beginning to look for work. (4) New entrants are persons who never worked at a full-time job lasting 2 weeks or longer.

Jobseekers are all unemployed persons who made specific efforts to find a job, sometime during the 4-week period preceding the survey week. Jobseekers do not include persons unemployed because they (a) were waiting to be called back to a job from which they had been laid off or (b) were waiting to report to a new wage or salary job within 30 days. Jobseekers are grouped by the methods used to seek work, including going to a public or private employment agency or to an employer directly, seeking assistance from friends or relatives, placing or answering ads, or utilizing some "other" method. Examples of the "other" category include being on a union or professional register, obtaining assistance from a community organization, or waiting at a designated pick-up point.

The *civilian labor force* comprises the total of all civilians classified as employed or unemployed in accordance with the criteria described above. The "total labor force" also includes members of the Armed Forces stationed either in the United States or abroad.

The unemployment rate represents the number unemployed as a percent of the civilian labor force. This measure can also be computed for groups within the labor force classified by sex, age, marital status, race, occupation, industry, etc. The job-loser, job-leaver, reentrant, and new entrant rates are each calculated as a percent of the civilian labor force; the sum of the rates for the four groups thus equals the total unemployment rate.

Participation rates represent the proportion of the noninstitutional population that is in the labor force. Two types of participation rates are published. The total labor force participation rate, which is the ratio of the total labor force and the total noninstitutional population; and the civilian labor force participation rate which is the ratio of the civilian labor force and the civilian noninstitutional population. Participation rates are usually published for sex-age groups, often cross-classified by other demographic characteristics such as race and educational attainment.

Employment-population ratios represent the proportion of the total noninstitutional population that is employed.

Not in labor force includes all civilians 16 years and over who are not classified as employed or unemployed. These persons are further classified as "engaged in own home housework," in school," "unable to work" because of long-term physical or mental illness, and "other." The "other" group includes for the most part retired persons, those reported as too old to work, the voluntarily idle, and seasonal workers for whom the survey week fell in an "off" season and who were not reported as unemployed. Persons doing only incidental unpaid family work (less than 15 hours) are also classified as not in the labor force.

For persons not in the labor force, data on previous work experience, intentions to seek work again, desire for a job at the time of interview, and reasons for not looking for work are compiled on a quarterly basis. As of January 1970, the detailed questions for persons not in the labor force are asked only in those households that are in the fourth and eighth months of the sample, i.e., the "outgoing" groups, those which had been in the sample for 3 previous months and would not be in for the subsequent month. Between 1967 and 1969, the detailed not-in-labor force questions were asked of persons in the first and fifth months in the sample, i.e., the "incoming" groups.

Occupation, industry, and class of worker for the employed apply to the job held in the survey week. Persons with two or more jobs are classified in the job at which they worked the greatest number of hours during the survey week. The unemployed are classified according to their last full-time civilian job lasting 2 weeks or more. The occupation and industry groups used in the CPS are defined as in the 1970 Census of Population. Information on the detailed categories included in these groups is available upon request.

The class-of-worker breakdown specifies "wage and salary workers," subdivided into private and government workers, "self-employed workers," and "unpaid family workers." Wage and salary workers receive wages, salary, commission, tips, or pay in kind from a private employer or from a government unit. Self-employed persons are those who work for profit or fees in their own business, profession, or trade, or operate a farm. Unpaid family workers are persons working without pay for 15 hours a week or more on a farm or in a business operated by a member of the household to whom they are related by blood or marriage.

Hours of work statistics relate to the actual number of hours worked during the survey week. For example, a person who normally works 40 hours a week but who was off on the Columbus Day holiday would be reported as working 32 hours even though he/she was paid for the holiday.

For persons working in more than one job, the figures relate to the number of hours worked in all jobs during the week. However, all the hours are credited to the major job.

The distribution of employment by hours worked relates to persons "at work" during the survey week. At work data differ from data on total employment because the latter include persons in the zero-hours worked category, "with a job but not at work." Included in this latter group are persons who were on vacation, ill, involved in a labor dispute, or otherwise absent from their jobs for voluntary, noneconomic reasons.

Persons who worked 35 hours or more in the survey week are designated as working "full time," correspondingly persons who worked between 1 and 34 hours are designated as working "part time." Part-time workers are classified by their usual status at their present job (either full or part time) and by their reason for working part time during the survey week (economic or other reasons). "Economic reasons" include: Slack work, material shortages, repairs to plant or equipment, start or termination of a job during the week, and inability to find full-time work. "Other reasons" include: Labor dispute, bad weather, own illness, vacation, demands of home, housework, school, no desire for full-time work, and full-time worker only during the peak season. Persons on full-time schedules include, in addition to those working 35 hours or more, those who worked from 1 to 34 hours for noneconomic reasons and usually work full time.

The *full-time labor force* consists of persons working on full-time schedules, persons involuntarily working part-time (part time for economic reasons), and unemployed persons seeking full-time jobs. The *part-time labor force* consists of persons working part time voluntarily and unemployed persons seeking part-time work. Persons with a job but not at work during the survey week are classified according to whether they usually work full or part-time.

Labor force time lost is a measure of aggregate hours lost to the economy through unemployment and involuntary part-time employment and is expressed as a percent of potentially available aggregate hours. It is computed by assuming: (1) That unemployed persons looking for full-time work lost an average of 37.5 hours (2) that those looking for part-time work lost the average number of hours actually worked by voluntary part-time workers during the survey week, and (3) that persons on part time for economic reasons lost the difference between 37.5 hours and the actual number of hours they worked.

White and black and other are terms used to describe the race of workers. The "black-and-other category," includes all persons who identified themselves in the enumeration process to be other than white. At the time of the 1980 Census of Population, 83 percent of the black-and-other civilian noninstitutional population 16 years and over were black; the remainder were primarily American Indians, Alaskan Natives, and Asians and Pacific Islanders. The term "black" is used in this volume when the relevant data are provided exclusively for the black population.

Hispanic origin refers to persons who identified themselves in the enumeration process as Mexican, Puerto Rican living on the mainland, Cuban, Central or South American, or of other Hispanic origin or descent.

Major activity: going to school and major activity: other are terms used to describe whether the activity of young persons during the reference week is primarily one of going to school or not. Statistics on major activity are published every month in table A-7 for 16- to 21-year-olds by employment status, race, and sex, and, if unemployed, whether seeking full- or part-time work.

Vietnam-era veterans are those who served in the Armed Forces of the United States between August 5, 1964, and May 7, 1975. Tables for veterans in this volume are limited to males in the civilian noninstitutional population, i.e., veterans in institutions and females are excluded.

Nonveterans are males who never served in the Armed Forces.

The *poverty areas* classification consists of all Census geographical divisions in which 20 percent or more of the residents were poor according to the 1970 Decennial Cenus. Persons were classified as poor or nonpoor by using income thresholds adopted by a Federal interagency committee in 1969. These thresholds vary by family size, composition, and residence (farm-nonfarm). While poverty areas have a substantial concentration of low-income residents, many poor persons live outside these areas and, conversely, the areas include many people who are not poor.

The *metropolitan areas* classification consists of the total of all areas encompassed by Standard Metropolitan Statistical Areas (SMSA's). The metropolitan area total is based on the number of SMSA's as defined in the 1970 Decennial Census and does not include any subsequent additions or changes. Nonmetropolitan areas refer to the total of all areas outside SMSA's. The nonmetropolitan total is disaggregated into farm and nonfarm components.

Usual weekly earnings data are provided from responses to the question "How much does . . .USUALLY earn per week at this job before deductions?" Included are any overtime pay, commissions, or tips usually received. Data refer to the sole or primary job of wage and salary workers. The term "usual" is as perceived by the respondent. If the respondent asks for a definition of "usual," interviewers are instructed to define the term as more than half the weeks worked during the past 4 or 5 months.

A *household* consists of all persons—related family members and all unrelated persons—who occupy a housing unit. A house, an apartment, a group of rooms, or a single room are regarded as a housing unit when occupied or intended for occupancy as separate living quarters.

A *householder* is the person (or one of the persons) in whose name the housing unit is owned or rented. The term is never applied to either husbands or wives in married-couple families but only to persons in families maintained by either men or women without a spouse.

Family refers to a group of two or more persons residing together who are related by blood, marriage, or adoption; all such persons are considered as members of one family even though they may include a "subfamily," that is, a married couple or a parent-child group related by blood or marriage to the householder and sharing the living quarters. The counts of families used in this volume refer to primary families only, that is, all persons in the household who are related to the householder. Families are classified either as married-couple families or as those maintained by women or men without spouses. Data on the earnings of families exclude all those in which there is no wage or salary earner or in which the husband, wife, or other persons maintaining the family is either self-employed or in the Armed Forces.

HISTORIC COMPARABILITY

Raised lower age limit

Beginning with data for 1967, the lower age limit for official statistics on persons in the labor force was raised from 14 to 16 years. A detailed discussion of this and other definitional changes introduced at that time including estimates of their effect on the various series, is contained in "New Definitions for Employment and Unemployment" by Robert L. Stein in the February 1967 issue of *Employment and Earnings and Monthly Report on the Labor Force.*

Noncomparability of labor force levels

Before the changes introduced in 1967, the labor force data were not comparable for three earlier periods: (1) Beginning in 1953, as a result of the introduction of data from the 1950 census into the estimation procedure, population levels were raised by about 600,000; labor force, total employment, and agricultural employment by about 350,000, primarily affecting the figures for totals and males; other categories were relatively unaffected; (2) beginning in 1960, the inclusion of Alaska and Hawaii resulted in an increase of about 500,000 in the population and about 300,000 in the labor force, four-fifths of this in nonagricultural employment; other labor force categories were not appreciably affected; (3) beginning in 1962, the introduction of figures from the 1960 census reduced the population by about 50,000, labor force and employment by about 200,000; unemployment totals were

virtually unchanged. In addition, beginning in 1972, information from the 1970 census was introduced into the estimation procedures, producing an increase in the civilian noninstitutional population of about 800,000; labor force and employment totals were raised by a little more than 300,000, and unemployment levels and rates were essentially unchanged. A subsequent population adjustment based on the 1970 census was introduced in March 1973. This adjustment affected the white and black and other groups but had little effect on totals. The adjustment resulted in the reduction of nearly 300,000 in the white population and an increase of the same magnitude in the black and other population. Civilian labor force and total employment figures were affected to a lesser degree; the white labor force was reduced by 150,000, and the black and other labor force rose by about 210,000. Unemployment levels and rates were not significantly affected.

Beginning in January 1974, the methodology used to prepare independent estimates of the civilian noninstitutional population was modified to an "inflation-deflation" approach. This change in the derivation of the population estimates had its greatest impact on estimates of 20- to 24-year-old males—particularly those of the black-and-other population—but had little effect on 16 and over totals. Additional information on the adjustment procedure appears in "CPS Population Controls Derived from Inflation-Deflation Method of Estimation" in the February 1974 issue of *Employment and Earnings*.

Effective July 1975, as a result of the immigration of Vietnamese refugees into the United States, the total and black-and-other independent population controls for persons 16 years and over were adjusted upward by 76,000—30,000 males and 46,000 females. The addition of the refugees increased the black-and-other population by less than 1 percent in any age-sex group, and all of the changes were in the "other" population.

Beginning in 1978, the introduction of an expansion of the sample and revisions in the estimation procedures resulted in an increase of roughly a quarter of a million in the overall civilian labor force and employment totals; unemployment levels and rates were essentially unchanged. An explanation of the procedural changes and an indication of the differences appear in "Revisions in the Current Population Survey in January 1978" in the February 1978 issue of *Employment and Earnings*.

Beginning in October 1978, the race of the individual was determined by the household respondent for the incoming rotation group households, rather than determined by the interviewer as before. The purpose of this change was to provide more accurate estimates of characteristics by race. Thus, in October 1978, one-eighth of the sample households had race determined by the household respondent and seven-eighths of the sample households had race determined by interviewer observation. It was not until January 1980 that the entire sample had race determined by the household respondent. The new procedure had no significant effect on the estimates.

Beginning in 1979, the first-stage ratio estimation method was changed in the CPS estimation procedure. The new procedure is described in the *Estimating Methods* section. The reasoning behind the change and an indication of the differences appear in "Change in the Estimation Procedure for the Current Population Survey beginning in January 1979" in the February 1979 issue of *Employment and Earnings*. Differences between the old and new procedures exist only for metropolitan and nonmetropolitan estimates, not for the total U.S.

Beginning in January 1982, the second-stage ratio adjustment methodology was changed in the CPS estimation procedure. The new procedure is described in the *Estimating Methods* section. The purpose of the change and an indication of its effect on national estimates of labor force characteristics appear in "Revisions in the Current Population Survey in January 1982" in the February 1982 issue of *Employment and Earnings*. In addition, current population estimates used in the second-stage estimation procedure are derived from information obtained from the 1980 census, rather than the 1970 census. This change caused substantial increases in total population and estimates of persons in all labor force categories. Rates on labor force characteristics, however, remained virtually unchanged. Some 30,000 labor force series were adjusted back to 1970 to avoid major breaks in series. The adjustment procedure used is also described in the February 1982 article referenced above. The revisions did not, however, smooth out the breaks in series occurring between 1972 and 1979 that are described above, and data users should make allowances for them in making certain data comparisons.

Changes in the occupational classification system

Beginning with 1971, the comparability of occupational employment data was affected as a result of changes in census occupational classifications introduced into the Current Population Survey (CPS). These changes stemmed from an exhaustive review of the classification system to be used for the 1970 Census of Population. The purpose of this review, the most comprehensive since the 1940 census, was to reduce the size of larger groups, to be more specific about general and "not elsewhere classified" groups, and to provide information on emerging significant occupations. Differences in March 1970 employment levels tabulated on both the 1960 and 1970 classification systems ranged from a drop 650,000 in operatives to an increase of 570,000 in service workers, much of which resulted from a shift between these two groups; the nonfarm laborers group increased by 420,000, and changes in other groups amounted to 220,000 or less.

An additional major group was created by splitting the operatives category into two: Operatives, except transport, and transport equipment operatives. Separate data for these two groups first became available in January 1972. At the same time, several changes in titles, as well as in order of presentation, were introduced; for example, the title of the managers, officials, and proprietors group was changed to "managers and administrators, except farm," since only proprietors performing managerial duties are included in the category.

Apart from the effects of revisions in the occupational classification system beginning in 1971, comparability of occupational employment data was further affected in December 1971, when a question eliciting information on major activities or duties was added to the monthly CPS questionnaire in order to determine more precisely the occupational classification of individuals. This change resulted in several dramatic occupational shifts, particularly from managers and administrators to other groups. thus, meaningful comparisons of occupational levels cannot always be made for 1972 and subsequent years with earlier periods. However, revisions in the occupational classification system as well as in the CPS questionnaire are believed to have had but a negligible impact on unemployment rates.

Additional information on changes in the occupational classification system of the CPS appears in "Revisions in Occupational Classifications for 1971" and "Revisions in the Current Population Survey" in the February 1971 and February 1972 issues, respectively, of *Employment and Earnings*.

Changes in sample design

Since the inception of the survey, there have been various changes in the design of the CPS sample. Most of these changes were made in order to improve the efficiency of the sample design and/or to increase the reliability of the sample estimates.

One major change made after every decennial census is to change the sample design to make use of the recently collected census materials. Also, occasionally the sample is expanded in terms of number of sample areas and number of sample persons. In 1953, a rotation plan was introduced in which a sample unit would be interviewed for 4 months, leave the sample for 8 months, and then return to the sample for another 4 months. When Alaska and Hawaii achieved statehood, three more sample areas were added to the sample to account for the population in these States. After the 1960 census, selection of a major portion of the sample from census address lists was begun, though a portion of the sample is still collected using area

sampling. Following the 1970 census, the ultimate sampling unit was changed from a noncontiguous cluster of six housing units to a usually contiguous cluster of four housing units. In January 1978, a supplemental sample of 9,000 housing units, selected in 24 States and the District of Columbia and designed to provide more reliable annual average estimates for States, was incorporated with the existing design. A coverage improvement sample, composed of approximately 450 sample household units which represent 237,000 occupied mobile homes and 60,000 new construction house units, was included in computing the estimates beginning in October 1978 in order to provide coverage of mobile homes and new construction housing units that previously had no chance for selection in the CPS sample. In January 1980 another supplemental sample of 9,000 households selected in 32 States and the District of Columbia was added to the existing sample. A sample reduction of about 6,000 units was implemented in May 1981. In January 1982, about 100 occupied units were added to provide sufficient coverage in counties added to SMSA's which were redefined in 1973.

Table A provides a description of some aspects of the CPS sample design in use during the different data collection periods. For a more detailed account of the history of the CPS sample design, see *The Current Population Survey: Design and Methodology*, Technical Paper No. 40, Bureau of the Census, U.S. Department of Commerce, or *Concepts and Methods used in Labor Force Statistics Derived from the Current Population Survey*, BLS Report 463.

ESTIMATING METHODS

Under the estimating methods used in the CPS, all of the results for a given month become available simultaneously and are based on returns from the entire panel of respondents. The CPS estimation procedure involves weighting the data from each sample person. The basic weight, which is the inverse of the probability of the person being in the sample, is a rough measure of the number of actual persons that the sample person represents. In States supplemented in the 1978 and 1980 expansions, almost all sample persons within the sample area have the same basic weight, but the weight may differ across sample areas. The basic weight is the same for almost all sample persons in unsupplemented States. The basic weights are then adjusted for noninterview, and the ratio estimation procedure is applied.

1. Noninterview adjustment. The weights for all interviewed households are adjusted to the extent needed to account for occupied sample households for which no information was obtained because of absence, impassable roads, refusals, or unavailability of the respondent for other reasons. This adjustment is made separately by combinations of sample areas within each State and the District of Columbia, and within these, for six groups—two race categories (white, and black and other) within three residence categories. For sample areas which are Standard Metropolitan Statistical Areas (SMSA's), these residence categories are the central cities, and the urban and the rural balance of the SMSA's. For other sample areas, the residence categories are urban, rural nonfarm, and rural farm. The proportion of sample households not interviewed varies from 4 to 5 percent depending on weather, vacations, etc.

2. *Ratio estimates.* The distribution of the population selected for the sample may differ somewhat, by chance, from that of the population as a whole, in such characteristics as age, race, sex, and residence. Since these characteristics are closely correlated with labor force participation and other principal measurements made from the sample, the survey estimates can be substantially improved when weighted appropriately by the known distribution of these population characteristics. This is accomplished through two stages of ratio estimates as follows:

a. *First-stage ratio estimate.* In the CPS, a portion of the 629 sample areas is chosen to represent other areas not in the sample; the remainder of the sample areas represent only themselves. The first-stage ratio estimation procedure was designed to reduce the portion of the variance resulting from requiring sample areas to represent nonsample areas. Therefore, this procedure is not applied to sample areas which represent only themselves. The procedure is performed at two geographic levels: First, by the four census regions (Northeast, North Central, South, and West), and second, for each of the 46 States which contains nonsample areas. The procedure corrects for the differences that existed at the time of the 1970 census between the distribution by race and residence of the population in the sample areas and the known race-residence distribution in the portions of the census region or State represented by these areas. The regional adjustment is performed by metropolitan-nonmetropolitan residence and race, while the State adjustment is done by urban-rural status and race.

b. *Second-stage ratio estimate.* In this stage, the sample proportions in the categories described below are adjusted to the distribution of independent current estimates of the civilian noninstitutional population in the same categories. The second-stage ratio estimate is performed in order to increase the reliability of the estimates and is carried out in two steps. In the first step, the sample estimates are adjusted within each State and the District of Columbia to an independent control for the population 16 years and over, for the State. The second step of the adjustment is applied to all sample persons and is a weighting to nationwide independent population estimates of the civilian noninstitutional population within 68 age-sex-race groups. The entire second-stage ratio estimation procedure is iterated six times, each time beginning at the weights developed the previous time. This iteration ensures that the sample estimates both of the State population and of the national age-sex-race categories will be virtually equal to the independent population estimates. This second stage adjustment procedure incorporates changes instituted in January 1982. The nature of these changes is discussed in detail in "Revisions in the

Table A. Characteristics of the CPS sample

Time period	Number of sample areas	Households eligible		Households visited not eligible
		Interviewed	Not interviewed	
Aug. 1947 to Jan. 1954	68	21,000	500–1,000	3,000–3,500
Feb. 1954 to Apr. 1956	230	21,000	500–1,000	3,000–3,500
May 1956 to Dec. 1959	[1] 330	33,500	1,500	6,000
Jan. 1960 to Feb. 1963	[2] 333	33,500	1,500	6,000
Mar. 1963 to Dec. 1966	357	33,500	1,500	6,000
Jan. 1967 to July 1971	449	48,000	2,000	8,500
Aug. 1971 to July 1972	449	45,000	2,000	8,000
Aug. 1972 to Dec. 1977	461	45,000	2,000	8,000
Jan. 1978 to Dec. 1979	614	53,500	2,500	10,000
Jan. 1980 to Apr. 1981	629	62,200	2,800	12,000
May 1981 to present	629	57,800	2,500	11,000

[1] Beginning in May 1956, these areas were chosen to provide coverage in each State and the District of Columbia.

[2] Three sample areas were added in 1960 to represent Alaska and Hawaii after statehood.

Current Population Survey Beginning in January 1982" in the February 1982 issue of *Employment and Earnings*.

The controls by State for the civilian noninstitutional population 16 years and over are an arithmetic extrapolation of the trend in the growth of this segment of the population from the April 1, 1980 census through the lastest available July 1 estimate, adjusted as a last step to a current estimate of the U.S. population of this group. State estimates by age for July 1 are published annually in *Current Population Reports*, Series P-25. For a description of the methodology used in developing the State total, use Report 640 of that series. Descriptions of the age estimates methodology are available on request from the Chief of the Population Division, U.S. Bureau of the Census; Washington, D.C. 20233.

Beginning with the January 1982 estimates, the independent national controls used for the age-sex-race groups in the final step of the second-stage ratio adjustment are prepared by carrying forward the April 1, 1980, total population by age, race, and sex, taking account of the subsequent aging of the population, fertility, mortality, and net immigration, and then subtracting the estimate for the institutional population and Armed Forces. The April 1, 1980, total population was computed by adding together the resident population, consistent with that published for the 1980 census in *Advance Reports*, Series PHC80-V, and the Armed Forces overseas, as compiled from Department of Defense reports.

Data on births and deaths between April 1, 1980, and the estimate date are based on tabulation of vital statistics for the resident population made by the National Center for Health Statistics and data on deaths of military personnel overseas from the Department of Defense. Estimates of net civilian immigration are based on data provided by the Immigration and Naturalization Service, the Department of Defense, the Office of Personnel Management, and the Puerto Rico Planning Board. The civilian noninstitutional population for the estimate date is derived by subtracting the Armed Forces and the institutional population from the total population including Armed Forces overseas. The institutional population is computed by applying institutional proportions derived from the 1970 census to the total population, including Armed Forces overseas for the estimate date. All computations described above are performed in cells defined by single year of age, race, and sex. The independent national controls totals are then obtained by collapsing these cells into broader age groups for the population 16 years and older.

3. *Composite estimate procedure.* In deriving statistics for a given month, a composite estimating procedure is used which takes account of net changes from the previous month for continuing parts of the sample (75 percent) as well as the sample results for the current month. Almost all estimates of month-to-month change are improved by this procedure, and most estimates of levels are also improved, but to a lesser extent.

Rounding of estimates

The sums of individual items may not always equal the totals shown in the same tables because of independent rounding of totals and components to the nearest thousand. Differences, however, are insignificant.

Reliability of the estimates

There are two types of errors possible in an estimate based on a sample survey—sampling and nonsampling. The standard errors provided primarily indicate the magnitude of the sampling error. They also partially measure the effect of some nonsampling errors in response and enumeration but do not measure any systematic biases in the data.

Nonsampling errors. The full extent of nonsampling error is unknown, but special studies have been conducted to quantify some sources of nonsampling error in the CPS as discussed below. The effect of nonsampling error should be small on estimates of relative change, such as month-to-month change. Estimates of monthly levels would be more severely affected by the nonsampling error.

Nonsampling errors in surveys can be attributed to many sources, e.g., inability to obtain information about all cases in the sample, definitional difficulties, differences in the interpretation of questions, inability or unwillingness of respondents to provide correct information, inability to recall information, errors made in collection such as in recording or coding the data, errors made in processing the data, errors made in estimating values for missing data, and failure to represent all sample households and all persons within sample households (undercoverage).

Nonsampling errors occurring in the interview phase of the survey have been studied by means of a reinterview program. This program is used to estimate various sources of error as well as to evaluate and control the work of the interviewers. A random sample of each interviewer's work is inspected through reinterview at regular intervals. The results indicate, among other things, that the data published from the CPS are subject to moderate systematic biases. A description of the CPS reinterview program and some of the other results may be found in the *Current Population Survey Reinterview Program, January 1961 through December 1966*, Technical Paper No. 19, Bureau of the Census, U.S. Department of Commerce.

The effects of some components of nonsampling error in the CPS data can be examined as a result of the rotation plan used for the sample, since the level of the estimates varies by rotation group. A description of these effects appears in the article "The Effects of Rotation Group Bias on Estimates from Panel Surveys," by Barbara A. Bailar, *Journal of the American Statistical Association*, Volume 70, No. 349, March 1975.

Undercoverage in the CPS results from missed housing units and missed persons within sample households. Overall undercoverage as compared to the level of the decennial census, is about 5 percent. It is known that the CPS undercoverage varies with age, sex, and race. Generally, undercoverage is larger for males than for females, and larger for black and other races combined than for whites. Ratio estimation to independent age-sex-race population controls, as described previously, partially corrects for the biases due to survey undercoverage. However, biases exist in the estimates to the extent that missed persons in missed households or missed persons in interviewed households have different characteristics than interviewed persons in the same age-sex-race group. Further, the independent population controls used have not been adjusted for undercoverage in the 1980 census.

Additional information on nonsampling error in the CPS appears in the paper, "An Error Profile: Employment as Measured by the Current Population Survey," by Camilla Brooks and Barbara Bailar, Statistical Policy Working Paper 3, U.S. Department of Commerce, Office of Federal Statistical Policy and Standards; in the paper "The Current Population Survey: An Overview," by Marvin Thompson and Gary Shapiro, *Annals of Economic and Social Measurement, Vol. 2, April 1973;* and in the *The Current Population Survey, Design and Methodology*, Technical Paper No. 40, Bureau of the Census, U.S. Department of Commerce. This last document includes a comprehensive and up-to-date discussion of various sources of error, and describes attempts to measure them in the CPS.

Sampling error. The standard error is primarily a measure of sampling variability, that is, of the variation that occurs by chance because a sample rather than the entire population is surveyed. The sample estimate and its estimated standard error enable one to construct confidence intervals, ranges that would include the average of all possible samples with a known probability. For example, if all possible samples were selected, each of these surveyed under essentially the same general conditions and using the sampie sample design, and an estimate and its estimated error were calculated from each sample, then:

same general conditions and using the same sample design, and an estimate and its estimated error were calculated from each sample, then:

1. Approximately 68 percent of the intervals from one standard error below the estimate to one standard error above the estimate would include the average result of all possible samples.
2. Approximately 90 percent of the intervals from 1.6 standard errors below the estimate to 1.6 standard errors above the estimate would include the average of all possible samples.
3. Approximately 95 percent of the intervals from 2 standard errors below the estimate to 2 standard errors above the estimate would include the average result of all possible samples.

In order to derive standard errors that would be applicable to a large number of estimates and could be prepared at a moderate cost, a number of approximations were required. First, the standard errors in this volume reflect the sample design and estimation procedures in effect prior to the expansions for State estimates. Thus, these standard errors may slightly overstate the standard errors applicable to the present design. Second, instead of computing an individual standard error for each estimate, generalized sets of standard errors were computed for various types of characteristics. This generalization yields more stable estimates of the standard errors. Consequently, the sets of standard errors provided give an indication of the order of magnitude of the standard error of an estimate rather than the precise standard error.

Tables B and C show approximate standard errors for major employment status characteristics for monthly estimates and for changes for consecutive months. These standard errors are applicable to the level of the estimates in recent months.

Tables D through H provide generalized standard errors for monthly level and month-to-month change for estimated totals, unemployment rates, and percentages. Table I contains factors for use with table H for computing standard errors, as described below, for monthly level and month-to-month change for percentages. Standard errors for intermediate values not shown in the tables may be approximated by linear interpolation. The standard error for estimated changes from one month to the next is more closely related to the monthly level for the characteristic than to the size of the specific month-to-month change itself. Thus, in order to use the generalized standard errors for month-to-month change as given in the tables of standard errors, it is necessary to obtain the monthly estimate for the characteristic. It should be noted that the tables of standard errors for month-to-month change apply only to estimates of change between two consecutive months. Estimates of change for nonconsecutive months are subject to higher standard errors. Table J contains factors for use with tables D,F,H,and I to compute approximate standard errors, as described below, for levels, labor force participation rates, and percentages as pertaining to year-to-year change of monthly estimates, quarterly averages, changes in quarterly averages, yearly averages and changes in yearly averages. Note that standard errors for changes in quarterly and yearly estimates apply only to consecutive quarters and years. For years prior to 1967, the standard errors must be adjusted due to the differences in the sample size. For years prior to 1956, the standard errors should be multiplied by 1.50 and for the 1956-66 period they should by multiplied by 1.22. Table K provides generalized standard errors for quarterly estimates of persons and families for use with the CPS earnings data.

Standard errors for estimated totals. Tables D and E provide generalized standard errors for monthly totals and for month-to-month change. The figures given in these tables are to used for the characteristics as indicated.

Illustration. Assume that in a given month the number of persons working a specific number of hours was 12,000,000, an increase of 400,000 over the previous month. Linear interpolation in the second column of table D shows that the standard error on an estimate of 12,000,000 is about 150,000. The 68 percent confidence interval as shown by these data is from 11,850,000 to 12,150,000. Therefore, a conclusion that the average estimate derived from all possible samples lies within a range computed in this way would be correct for roughly 68 percent of all possible samples. Recall that the standard error of a month-to-month change is primarily dependent on the size of the monthly estimate. Thus, using linear interpolation in the first column of table E the standard error on a month-to-month change of 400,000 when the monthly level is approximately 12,000,000 is about 111,000.

Standard errors for rates and percentages. The reliability of an estimated unemployment rate or an estimated percentage, computed using sample data for both numerator and denominator, depends on both the size of the rate or percentage and the total upon which the rate or percentage is based. Estimated rates and percentages are relatively more reliable than the corresponding estimates of the numerator of the rates or percentages; this is particularly true for percentages of 50 percent or more. As a general rule, percentages are not published when the monthly base is less than 75,000, the quarterly average base is less than 60,000, or the annual average base is less than 35,000.

Tables F and G show generalized standard errors for monthly level and month-to-month change for unemployment rates.

Generalized standard errors for estimated monthly percentages and estimated month-to-month change in percentages can be obtained through the use of the standard errors in table H and the factors in table I. First obtain the standard error from table H for the specific percentage and base. The generalized standard error is then calculated

Table B. Standard errors for major employment status categories

(In thousands)

Employment status, sex, age, and race	Standard error of-	
	Monthly level	Month-to-month change (consecutive months only)
Total, 16 years and over	208	161
Civilian labor force	229	175
Employed	122	123
Unemployed		
Males, 20 years and over	113	95
Civilian labor force	131	114
Employed	84	85
Unemployed		
Females, 20 years and over	167	124
Civilian labor force	168	128
Employed	71	74
Unemployed		
Both sexes, 16-19 years	80	85
Civilian labor force	85	94
Employed	58	72
Unemployed		
Black and other, 16 years and over	73	56
Civilian labor force	84	63
Employed	59	62
Unemployed		
Males, 20 years and over	40	34
Civilian labor force	49	43
Employed	40	42
Unemployed		
Females, 20 years and over	62	48
Civilian labor force	62	48
Employed	36	40
Unemployed		
Both sexes, 16-19 years	33	37
Civilian labor force	31	36
Employed	26	30
Unemployed		

by multiplying the standard error from table H by the appropriate factor from table I. When the numerator and denominator of the percentage are in different categories, use the factor indicated by the numerator of the percentage.

Illustration. For example, assume that in a given month 3.6 percent of a total of 90,771,000 employed persons are employed in agriculture. First the standard error on an estimate of 3.6 percent with a base of 90,771,000 is obtained from table H (0.09 percentage point). The appropriate factor from table I for the numerator of the percentage, agricultural employment, is 1.26. The generalized standard error on the estimated 3.6 percent is then approximately 0.09 x 1.26 = 0.1 percentage point.

Standard errors for year-to-year change of monthly estimates, quarterly averages, changes in quarterly averages, yearly averages and changes in yearly averages. The approximate standard errors of levels, rates and percentages involving year-to-year change of monthly estimates, quarterly averages, changes in quarterly averages, yearly averages and changes in yearly averages may be obtained by using table J in conjunction with the other tables. Standard errors for estimates of change are more closely related to the level of the estimate than to the size of the specific change. Thus, to obtain the standard error of an estimate of an average level, rate, or percentage, or an estimate of a change in level, rate, or percentage, it is first necessary to find the appropriate estimate of level. For an estimate of an average level, rate or percentage, find the standard error of this estimate. For an estimate of change in level, rate or percentage, find the standard error of the average of the two estimates affecting the change. Then, after computing the standard error by treating these estimates as monthly estimates and using the procedures above, multiply this result by a suitable factor from table J to obtain the approximate standard error for the average or change.

Illustration. For example, suppose that one is interested in the year-to-year change of a monthly unemployment rate. Let us assume that for a certain month the unemployment rate is 6.9 percent based on a total of 95,676,000 in the civilian labor force, and that a year prior to this the unemployment rate was 6.1 percent based on a total of 94,254,000 in the civilian labor force for the month. First, the standard error on the average of the two estimates, 6.5 percent with a base of 94,965,000, is obtained from table F (0.11 percentage point). The appropriate factor then from table J is 1.40. The approximate standard error on the change of 0.8 percent is then given by 0.11x1.40 = 0.15 percentage point.

The approximate standard error of levels involving year-to-year change of quarterly estimates pertaining to CPS earnings data for persons and families may be obtained by using table K in conjunction with the following formula:

$$\text{Standard error of year-to-year change} = \sqrt{\left(\begin{matrix}\text{Stand}\\\text{ard}\\\text{error}\end{matrix}\right)_X^2 + \left(\begin{matrix}\text{Stand}\\\text{ard}\\\text{error}\end{matrix}\right)_Y^2 - 2(P)\left(\begin{matrix}\text{Stand}\\\text{ard}\\\text{error}\end{matrix}\right)_X \left(\begin{matrix}\text{Stand}\\\text{ard}\\\text{error}\end{matrix}\right)_Y}$$

where X is the estimate for one quarter and Y is the estimate for another quarter. The coefficient, P, is a measure of the correlation between the estimates X and Y resulting from the presence of some of the same respondents in the sample for each estimate. For consecutive year-to-year changes of quarterly estimates, the values of P are .30 for persons (total, white, and black) and .35 for families (total, white, and black). The respective values for estimates of Hispanics are .45 and .55.

Illustration.

Assume that in a given quarter the number of women employed as full-time wage and salary workers was 27,000,000 and in the same quarter a year later their number had increased to 29,000,000. Using linear interpolation in the eighth column of table K, the standard error of an estimate of 27,000,000 is 216,000; for 29,000,000 it is 221,000. Using the above formula, the standard error of the 2,000,000, year-to-year change is:

$$\sqrt{(216{,}000)^2 + (221{,}000)^2 - 2\,(.30)\,(216{,}000)\,(221{,}000)},$$

or about 259,000.

Table C. Standard errors for unemployment rates by major characteristics

Selected categories	Standard error of-	
	Monthly level	Consecutive month change
Total (all civilian workers)	0.12	0.12
Males, 20 years and over	.15	.15
Females, 20 years and over	.17	.18
Both sexes, 16-19 years	.57	.67
White workers	.12	.12
Black (and other) workers	.46	.49
Married men, spouse present	.15	.16
Married women, spouse present	.21	.23
Full-time workers	.12	.13
Part-time workers	.32	.40
Unemployed 15 weeks and over	.06	.07
OCCUPATION		
White-collar workers	.12	.13
Professional and technical	.18	.20
Managers and administrators, except farm	.20	.23
Sales workers	.36	.41
Clerical workers	.23	.25
Blue-collar workers	.24	.26
OCCUPATION		
Blue-collar workers—Continued		
Craft and kindred workers	0.33	0.37
Operatives, except transport	.44	.50
Transport equipment operatives	.70	.77
Nonfarm laborers	.71	.81
Service workers	.32	.36
Farm workers	.54	.62
INDUSTRY		
Nonagricultural private wage and salary workers	.13	.13
Construction	.59	.70
Manufacturing	.27	.30
Durable goods	.37	.41
Nondurable goods	.39	.45
Transportation and public utilities	.38	.42
Wholesale and retail trade	.26	.29
Finance and service industries	.17	.19
Government workers	.20	.23
Agricultural wage and salary workers	1.07	1.26

Table D. Standard errors for estimates of monthly level

(In thousands)

Estimated monthly level	Characteristic[1]								
	Labor force data other than unemployment and agricultural employment data							Unemployment	
	Agricultural employment	Total or white	Black and other	Total or white, 16-19 years	Black and other, 16-19 years	Total or white males only, or females only	Black and other males only, or females only	Total or white	Black and other
50	13	10	10	10	10	9	9	10	11
100	18	14	14	14	14	13	13	14	15
500	41	32	32	32	28	30	29	31	33
1,000	57	45	44	44	33	42	40	44	46
2,000	81	64	60	60	13	59	52	62	63
4,000	113	90	79	77	–	82	60	87	83
6,000	137	109	88	84	–	99	53	106	93
8,000	–	125	90	84	–	113	16	122	–
10,000	–	139	87	76	–	124	–	135	–
15,000	–	166	36	–	–	146	–	163	–
20,000	–	188	–	–	–	161	–	182	–
30,000	–	219	–	–	–	177	–	–	–
40,000	–	249	–	–	–	178	–	–	–
50,000	–	253	–	–	–	164	–	–	–
60,000	–	260	–	–	–	131	–	–	–
70,000	–	260	–	–	–	49	–	–	–
80,000	–	254	–	–	–	–	–	–	–
100,000	–	221	–	–	–	–	–	–	–
120,000	–	143	–	–	–	–	–	–	–

[1] When determining the standard error of an estimate for a group which is a subset of the age, sex, or race groups listed, use the standard error for the next larger group, e.g., when determining the standard error on the estimated number of employed persons age 20 to 54 years, use the column for total employed.

Table E. Standard errors for estimates of month-to-month change

(In thousands)

Estimated monthly level	Characteristic[1]							
	Labor force data other than unemployment and agricultural employment data				Unemployment			
	Total or white	Black and other	Total or white, 16-19 years	Black and other, 16-19 years	Total or white	Both sexes 16-19 years, or part-time labor force[2]	Black and other	Black and other, 16-19 years
50	8	8	12	12	11	12	12	12
100	11	11	17	17	16	17	16	17
500	24	23	37	33	35	39	36	34
1,000	34	33	52	37	48	55	49	39
2,000	47	45	70	–	68	77	65	–
4,000	66	58	89	–	93	107	80	–
6,000	81	65	96	–	110	129	–	–
8,000	93	68	93	–	123	147	–	–
10,000	103	65	78	–	132	162	–	–
15,000	123	33	–	–	145	191	–	–
20,000	130	–	–	–	146	211	–	–
30,000	163	–	–	–	–	–	–	–
40,000	179	–	–	–	–	–	–	–
50,000	189	–	–	–	–	–	–	–
60,000	194	–	–	–	–	–	–	–
70,000	195	–	–	–	–	–	–	–
80,000	191	–	–	–	–	–	–	–
100,000	179	–	–	–	–	–	–	–
120,000	119	–	–	–	–	–	–	–

[1] See footnote 1, table D.

[2] Part-time labor force for unemployment also includes persons reentering the labor force, persons who left their last job, and persons by duration of unemployment.

Table F. Standard errors for unemployment rates

Monthly base of unemployment rate (in thousands)	Monthly unemployment rate (percent)									
	1	2	5	10	15	20	25	30	35	50
50	2.05	2.88	4.49	6.18	7.36	8.25	8.93	9.46	9.85	10.36
100	1.45	2.04	3.18	4.37	5.20	5.83	6.32	6.69	6.97	7.33
500	.65	.91	1.42	1.96	2.33	2.61	2.82	2.99	3.12	3.28
1,000	.46	.65	1.01	1.38	1.65	1.84	2.00	2.12	2.21	2.32
2,000	.32	.46	.71	.98	1.17	1.31	1.42	1.50	1.56	1.64
4,000	.23	.32	.50	.69	.83	.92	1.00	1.06	1.10	1.16
6,000	.19	.26	.41	.57	.67	.75	.82	.86	.90	.94
10,000	.15	.21	.32	.44	.52	.59	.63	.67	.70	.73
20,000	.11	.15	.23	.31	.37	.41	.45	.47	.49	.51
60,000	.06	.08	.12	.17	.20	.23	.25	.26	.27	.28
100,000	.04	.06	.10	.13	.16	.18	.19	.20	.21	.22

Table G. Standard errors for month-to-month change in unemployment rates

Monthly base of unemployment rate (in thousands)	Monthly unemployment rate (percent)									
	1	2	5	10	15	20	25	30	35	50
50	2.32	3.28	5.12	7.10	8.52	9.64	10.05	11.39	11.97	12.55
100	1.64	2.32	3.62	5.02	6.02	6.81	7.11	8.05	8.39	8.87
500	.74	1.04	1.62	2.25	2.69	3.04	3.17	3.58	3.73	3.93
1,000	.52	.73	1.15	1.59	1.90	2.15	2.24	2.52	2.62	2.74
2,000	.37	.52	.81	1.12	1.34	1.51	1.57	1.76	1.83	1.89
4,000	.26	.37	.57	.79	.94	1.06	1.10	1.22	1.26	1.26
6,000	.21	.30	.47	.64	.76	.86	.89	.97	1.00	-
10,000	.16	.13	.36	.49	.59	.65	.67	.72	-	-
20,000	.11	.15	.24	.33	.39	.44	.48	.51	-	-
60,000	.06	.09	.13	.18	.21	.22	.23	-	-	-
100,000	.05	.07	.10	.13	.14	.14	-	-	-	-

Table H. Standard errors for estimated percentages and month-to-month change in percentages for labor force data

Monthly base of percentages (in thousands)	Percentage of monthly level									
	1 or 99	2 or 98	5 or 95	10 or 90	15 or 85	20 or 80	25 or 75	30 or 70	35 or 65	50
50	2.03	2.85	4.44	6.12	7.28	8.15	8.83	9.34	9.72	10.19
100	1.43	2.02	3.14	4.32	5.15	5.77	6.24	6.61	6.88	7.21
500	.64	.90	1.41	1.93	2.30	2.58	2.79	2.95	3.07	3.22
1,000	.45	.64	.99	1.37	1.63	1.82	1.97	2.09	2.17	2.28
2,000	.32	.45	.70	.97	1.15	1.29	1.40	1.48	1.54	1.61
4,000	.23	.32	.50	.68	.81	.91	.99	1.04	1.09	1.14
6,000	.19	.26	.41	.56	.66	.74	.81	.85	.89	.93
10,000	.14	.20	.31	.43	.51	.58	.62	.66	.69	.73
20,000	.10	.14	.22	.31	.36	.41	.44	.47	.49	.51
40,000	.07	.10	.16	.22	.26	.29	.31	.33	.34	.36
60,000	.06	.08	.13	.18	.21	.24	.25	.27	.28	.29
80,000	.05	.07	.11	.15	.18	.20	.22	.23	.24	.25
100,000	.05	.06	.10	.14	.16	.18	.20	.21	.22	.23
160,000	.04	.05	.08	.11	.13	.14	.16	.17	.17	.18

NOTE: The standard errors in this table must be multiplied by the factors in table I to obtain the approximate standard error for a specific characteristic.

Table I. Factors to be used with Table H to compute approximate standard errors for percentages and month-to-month change in percentages

Characteristic	Factor		Characteristic	Factor	
	Monthly level	Month-to-month change		Monthly level	Month-to-month change
Agricultural employment:			Unemployment:		
Total or full-time labor force	1.26	1.05	Part-time labor force, duration of unemployment, left last job, reentering labor force	1.01	1.21
Part-time labor force	1.26	1.50			
Labor force data other than agricultural employment data and unemployment data:			All other unemployment characteristics:		
Total	1.00	.74	Total or white:		
Males only	.93	.84	Total	.97	1.08
Females only	.86	.75	Both sexes, 16-19 years	.97	1.21
Both sexes, 16-19 years	1.00	1.18	Black and other:		
Part-time labor force	1.00	1.18	Total	1.04	1.13
			Both sexes, 16-19 years	1.04	1.24

Table J. Factors to be used with Tables, D, F, H, and I to compute the approximate standard errors for levels, rates, and percentages for year-to-year change of monthly estimates, quarterly averages, change in quarterly averages, yearly averages and change in yearly averages

Characteristic	Factors				
	Year-to-year change of monthly estimate	Quarterly averages	Change in quarterly averages	Yearly averages	Change in yearly averages
Agricultural employment:					
Total or males	1.30	0.89	0.80	0.72	0.70
Females or teenagers (16-19 years)	1.30	.83	.80	.58	.70
Part time	1.40	.74	.80	.46	.70
Labor force data other than agricultural employment data and unemployment data:					
Total or white	1.30	.88	.88	.67	.70
Black and other or teenagers (16-19 years)	1.30	.82	.88	.57	.70
Part time	1.40	.74	.88	.46	.60
Unemployment:					
Total	1.40	.76	.88	.50	.65
Part time	1.40	.69	.88	.39	.54

Table K. Standard errors for estimates of quarterly level

(In thousands)

Estimated quarterly level	Characteristic								
	Total			Males				Females	
	Part-time workers	Total or full-time workers		Part-time workers	Total or full-time workers			Total, full-time, or part-time workers	
		Total or white	Black		Total	White	Black	Total or white	Black
10	5	5	5	5	5	5	5	5	5
50	11	12	12	11	12	12	12	11	11
75	13	15	15	13	15	15	15	13	13
100	15	17	17	15	17	17	17	15	15
150	19	21	21	19	21	21	21	19	19
200	22	24	24	22	24	24	24	22	21
250	24	27	27	24	27	27	27	24	24
300	26	30	30	26	30	30	29	26	26
500	34	38	38	34	38	38	37	34	33
750	42	47	46	42	47	47	45	42	41
1,000	48	54	53	48	54	54	50	48	46
1,500	59	66	63	59	66	66	59	59	56
2,000	68	76	72	68	76	76	65	68	63
2,500	76	85	79	75	84	84	69	75	69
3,000	83	93	85	82	92	92	71	82	74
5,000	107	119	100	105	117	116	64	105	85
7,500	130	145	107	127	140	138	-	127	-
10,000	149	165	102	144	157	155	-	145	-
15,000	180	198	-	187	183	179	-	173	-
20,000	205*	224	-	192	199	193	-	195	-
25,000	226	244	-	207	209	199	-	211	-
30,000	224	261	-	219	212	198	-	224	-
40,000	273	286	-	236	201	174	-	242	-
50,000	296	301	-	-	-	-	-	-	-
75,000	331	304	-	-	-	-	-	-	-
100,000	343	255	-	-	-	-	-	-	-

Establishment Data
(B and C tables)

COLLECTION

Payroll reports provide current information on wage and salary employment, hours, and earnings in nonagricultural establishments, by industry and geographic location.

Federal-State cooperation

Under cooperative arrangements, responding establishments report employment, hours, and earnings data to State agencies. State agencies mail the forms to the establishments and examine the returns for consistency, accuracy, and completeness. The States use the reported data to prepare State and area series and also send the reported data to the BLS (Washington Office) for use in preparing the national series. This avoids a duplicate reporting burden on establishments, and together with the use of similar estimating techniques at the national and State levels, promotes increased comparability between estimates.

Shuttle schedules

Form BLS 790—Report on Employment, Payroll, and Hours is the name of the data collection schedule. The collection agency returns the schedule to the respondent each month so that the next month's data can be entered on the space alotted for that month. This "shuttle" procedure assures maximum comparability and accuracy of reporting, since the respondent can see the figures that have been reported for previous months.

Form BLS 790 provides for entry of data on the total number of full- and part-time workers on the payrolls of nonagricultural establishments and, for most industries, employment, payroll, and hours of production and related workers or nonsupervisory workers for pay period which includes the 12th of the month.

CONCEPTS

Industrial classification

Establishments reporting on Form BLS 790 are classified into industries on the basis of their principal product or activity determined from information on annual sales volume. Since January 1980, this information is collected on a supplement to the quarterly unemployment insurance tax reports filed by employers. For an establishment making more than one product or engaging in more than one activity, the entire employment of the establishment is included under the industry indicated by the principal product or activity.

All data on employment, hours, and earnings for the Nation and for States and areas are classified in accordance with the 1972 *Standard Industrial Classification Manual* (SICM), Office of Management and Budget. The BLS tabulates and estimates statistics which distinguish between private and public establishments, thus maintaining continuity with previously published statistics for the private and government sector.

Industry employment

Employment data, except those for the Federal Government, refer to persons on establishment payrolls who received pay for any part of the pay period which includes the 12th of the month. For Federal Government establishments, employment figures represent the number of persons who occupied positions on the last day of the calendar month. Intermittent workers are counted if they performed any service during the month.

The data exclude proprietors, the self-employed, unpaid volunteer or family workers, farm workers, and domestic workers in households. Salaried officers of corporations are included. Government employment covers only civilian employees; military personnel are excluded. Employees of the Central Intelligence and National Security Agencies are also excluded.

Persons on establishment payrolls who are on paid sick leave (when pay is received directly from the firm), on paid holiday, on paid vacation, or who work during a part of the pay period even though they are unemployed or on strike during the rest of the period are counted as employed. Not counted as employed are persons who are on layoff, on leave without pay, on strike for the entire period, or who were hired but have not yet reported during the period.

Industry hours and earnings

Average hours and earnings data are derived from reports of payrolls and hours for production and related workers in manufacturing and mining, construction workers in construction, and nonsupervisory employees in private service-producing industries.

Production and related workers include working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, trucking, hauling, maintenance, repair, janitorial, guard services, product development, auxiliary production for plant's own use (e.g., power plant), recordkeeping, and other services closely associated with the above production operation.

Construction workers include the following employees in the construction division: Working supervisors, qualified craft workers, mechanics, apprentices, helpers, laborers, etc., engaged in new work, alterations, demolition, repair, maintenance, etc., whether working at the site of contruction or working in shops or yards at jobs (such as precutting and preassembling) ordinarily performed by members of the construction trades.

Nonsupervisory employees include employees (not above the working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, physicians, lawyers, accountants, nurses, social workers, research aides, teachers, drafters, photographers, beauticians, musicians, restaurant workers, custodial workers, attendants, line installers and repairers, laborers, janitors, guards, and other employees at similar occupational levels whose services are closely associated with those of the employees listed.

Payroll covers the payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of the pay period which includes the 12th of the month. The payroll is reported before deductions of any kind, e.g., for old age and unemployment insurance, group insurance, withholding tax, bonds, or union dues; also included is pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period); other pay not earned in the pay period reported (e.g., retroactive pay); tips; and the value of free rent, fuel, meals, or other payment in kind are excluded. "Fringe benefits" (such as health and other types of insurance, contributions to retirement, etc., paid by the employer) are also excluded.

Hours cover the hours paid for during the pay period which includes the 12th of the month for production, construction, or nonsupervisory workers. Included are hours paid for holidays, vacations, and for sick leave when pay is received directly from the firm.

Overtime hours covers hours worked by production or related workers for which overtime premiums were paid because the hours were in excess of the number of hours of either the straight-time workday or the workweek during the pay period which includes the 12th of the month. Weekend and holiday hours are included only if overtime premiums were paid. Hours for which only shift differential, hazard, incentive, or other similar types of premiums were paid are excluded.

Gross average hourly and weekly earnings. Average hourly earnings are on a "gross" basis. They reflect not only changes in basic hourly and incentive wage rates but also such variable factors as premium pay for overtime and late-shift work and changes in output of workers

paid on an incentive plan. They also reflect shifts in the number of employees between relatively high-paid and low-paid work and changes in workers' earnings in individual establishments. Averages for groups and divisions further reflect changes in average hourly earnings for individual industries.

Averages of hourly earnings differ from wage rates. Earnings are the actual return to the worker for a stated period of time; rates are the amount stipulated for a given unit of work or time. The earnings series do not measure the level of total labor costs on the part of the employer since the following are excluded: Irregular bonuses, retroactive items, payments of various welfare benefits, payroll taxes paid by employers, and earnings for those employees not covered under the production worker, construction worker, or nonsupervisory employee definitions.

Gross average weekly earnings estimates are derived by multiplying average weekly hours estimates by average hourly earnings estimates. Therefore, weekly earnings are affected not only by changes in gross average hourly earnings but also by changes in the length of the workweek. Monthly variations in such factors as proportion of part-time workers, stoppages for varying reasons, labor turnover during the survey period, and absenteeism for which employees are not paid may cause the average workweek to fluctuate.

Long-term trends of gross average weekly earnings can be affected by structual changes in the makeup of the work force. For example, persistent long-term increases in the proportion of part-time workers in retail trade and many of the services industries have reduced average workweeks in these industries and have affected the average weekly earnings series.

Average weekly hours. The workweek information relates to the average hours for which pay was received and is different from standard or scheduled hours. Such factors as unpaid absenteeism, labor turnover, part-time work, and stoppages cause average weekly hours to be lower than scheduled hours of work fo. an establishment. Group averages further reflect changes in the workweek of component industries.

Average overtime hours. The overtime hours represent that portion of the gross average weekly hours which exceeded regular hours and for which overtime premiums were paid. If an employee were to work on a paid holiday at regular rates, receiving as total compensation his or her holiday pay plus straight-time pay for hours worked that day, no overtime hours would be reported.

Since overtime hours are premium hours by definition, gross weekly hours and overtime hours do not necessarily move in the same direction from month to month; for example, overtime premiums may be paid for hours in excess of the straight-time workday although less than a full week is worked. Diverse trends at the industry-group level also may be caused by a marked change in hours for a component industry where little or no overtime was worked in both the previous and current months. In addition, such factors as stoppages, absenteeism, and labor turnover may not have the same influence on overtime hours as on gross hours.

Railroads hours and earnings. The figures for Class I railroads (excluding switching and terminal companies) are based on monthly data summarized in the M-300 report of the Interstate Commerce Commission and relate to all employees except executives, officials, and staff assistants (ICC group I) who received pay during the month. Gross average hourly earnings are computed by dividing total compensation by total hours paid for. Average weekly hours are obtained by dividing the total number of hours paid for, reduced to a weekly basis, by the number of employees, as defined above. Gross average weekly earnings are derived by multiplying average weekly hours by average hourly earnings.

"Real" earnings, or earnings in constant dollars, are calculated from the earnings averages for the current month using a deflator derived from the Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W).

Average hourly earnings excluding overtime. Average hourly earnings excluding overtime premium pay are computed by dividing the total production-worker payroll for the industry group by the sum of total production-worker hours and one-half of total overtime hours. Prior to January 1956, these data were based on the application of adjustment factors to gross average hourly earnings (as described in the *Monthly Labor Review*, May 1950, pp. 537-40). Both methods eliminate only the earnings due to overtime paid for at 1½ times the straight-time rates. No adjustment is made for other premium payment provisions, such as holiday work, late-shift work, and overtime rates other than time and one-half.

Indexes of aggregate weekly payrolls and hours. The indexes of aggregate weekly payrolls and hours are prepared by dividing the current month's aggregate by the average of the 12 monthly figures for 1977. For basic industries, the hour aggregates are the product of average weekly hours and production-worker or nonsupervisory-worker employment, and the payroll aggregates are the product of hour aggregates and average hourly earnings. At all higher levels of industry aggregation, hour and payroll aggregates are the sum of the component aggregates.

Indexes of diffusion of changes in number of employees on nonagricultural payrolls. These indexes measure the percent of industries which posted increases in employment over the specified time span. The indexes are calculated from 186 unpublished seasonally adjusted employment series (two-digit nonmanufacturing industries and three-digit manufacturing industries) covering all nonagricultural payroll employment in the private sector. A more detailed discussion of these indexes appears in "Introduction of Diffusion Indexes," in the December 1974 issue of *Employment and Earnings*.

ESTIMATING METHODS

The principal features of the procedure used to estimate employment for the establishment statistics are (1) the use of the "link relative" technique, which is a form of ratio estimation; (2) periodic adjustment of employment levels to new benchmarks; and (3) the use of size and regional stratification.

The "link relative" technique

From a sample composed of establishments reporting for both the previous and current months, the ratio of current month employment to that of the previous month is computed. This is called a "link relative." The estimates of employment (all employees, including production and nonproduction workers together) for the current month are obtained by multiplying the estimates for the previous month by these "link relatives." In addition, small bias correction factors are applied to selected employment estimates each month. The size of the bias correction factors is determined from past experience. Other features of the general procedures are described in table L.

Size and regional stratification

A number of industries are stratified by size of establishment and/or by region, and the stratified production or nonsupervisory worker data are used to weight the hours and earnings into broader industry groupings. Accordingly, the basic estimating cell for an employment, hours, or earnings series, as the term is used in the summary of computational methods in table L, may be a whole industry or a size stratum, a region stratum, or a size stratum of a region within an industry.

Benchmark adjustments

Employment estimates are compared periodically with comprehensive counts of employment which provide "benchmarks" for the

Table L. Summary of methods for computing industry statistics on employment, hours, and earnings

Item	Basic estimating cell (industry, region, size, or region/size cell)	Aggregate industry levels (divisions, groups and, where stratified, individual cells)
	Monthly data	
All employees	All-employee estimate for previous month multiplied by ratio of all employees in current month to all employees in previous month, for sample establishments which reported for both months.[1]	Sum of all-employee estimates for component cells.
Production or nonsupervisory workers, women employees	All-employee estimate for current month multiplied by (1) ratio of production or nonsupervisory workers to all employees in sample establishments for current month, (2) estimated ratio of women to all employees.[2]	Sum of production- or nonsupervisory-worker estimates, or estimates of women employees, for component cells.
Gross average weekly hours	Production- or nonsupervisory-worker hours divided by number of production or nonsupervisory workers.[2]	Average, weighted by production- or nonsupervisory-worker employment, of the average weekly hours for component cells.
Average weekly overtime hours	Production-worker overtime hours divided by number of production workers.[2]	Average, weighted by production-worker employment, of the average weekly overtime hours for component cells.
Gross average hourly earnings	Total production- or nonsupervisory-worker payroll divided by total production- or nonsupervisory-worker hours.[2]	Average, weighted by aggregate hours, of the average hourly earnings for component cells.
Gross average weekly earnings	Product of gross average weekly hours and average hourly earnings.	Product of gross average weekly hours and average hourly earnings.
	Annual average data	
All employees, women employees, and production or nonsupervisory workers	Sum of monthly estimates divided by 12.	Sum of monthly estimates divided by 12.
Gross average weekly hours	Annual total of aggregate hours (production- or nonsupervisory-worker employment multiplied by average weekly hours) divided by annual sum of employment.	Annual total of aggregate hours for production or nonsupervisory workers divided by annual sum of employment for these workers.
Average weekly overtime hours	Annual total of aggregate overtime hours (production-worker employment multiplied by average weekly overtime hours) divided by annual sum of employment.	Annual total of aggregate overtime hours for production workers divided by annual sum of employment for these workers.
Gross average hourly earnings	Annual total of aggregate payrolls (product of production- or nonsupervisory-worker employment by weekly hours and hourly earnings) divided by annual aggregate hours.	Annual total by aggregate payrolls divided by annual aggregate hours.
Gross average weekly earnings	Product of gross average weekly hours and average hourly earnings.	Product of gross average weekly hours and average hourly earnings.

[1] The estimates result from multiplying the product shown by bias adjustment factors tc compensate for the underrepresentation of newly formed enterprises in the sample and other bias sources.

[2] The sample production-worker ratio, women-worker ratio, average weekly hours, average overtime hours, and average hourly earnings are modified by a wedging technique designed to compensate for changes in the sample arising mainly from the voluntary character of the reporting. The wedging procedure accepts the advantage of continuity from the use of the matched sample, and at the same time, tapers or wedges the estimate toward the level of the latest sample average.

various nonagricultural industries, and appropriate adjustments are made as indicated. The industry estimates are currently projected from March 1981 levels. Normally, benchmark adjustments are made annually.

The primary sources of benchmark information are employment data, by industry, compiled quarterly by States agencies from reports of establishments covered under State unemployment insurance laws. These tabulations cover about 98 percent of employees on nonagricultural payrolls in the United States. Benchmark data for the residual are obtained from the records of the Social Security Administration, the Interstate Commerce Commission, and a number of other agencies in private industry or government.

The estimates for the benchmark month are compared with new benchmark levels, industry by industry. If revisions are necessary, the monthly series of estimates between benchmark periods are adjusted between the new benchmark and the preceding one, and the new benchmark for each industry is then carried forward progressively to the current month by use of the sample trends. Thus, under this procedure, the benchmark is used to establish the level of employment; the sample is used to measure the month-to-month changes in the level. A comparison of the actual amounts of revisions made at the time of the March 1981 benchmark adjustment is shown in table M.

Data for all months since the last benchmark to which the series has been adjusted are subject to revision. Revised data are published as soon as possible after each benchmark revision.

Table M. Comparison of nonagricultural employment benchmarks and estimates for March 1981

Industry division	Benchmark, March 1981	Estimate, March 1981	Percent difference
Total	90,371,000	90,720,000	-0.4
Mining	1,107,000	1,084,000	2.1
Construction	3,934,000	4,048,000	-2.9
Manufacturing	20,085,000	20,016,000	.4
Transportation and public utilities	5,102,000	5,095,000	.1
Wholesale and retail trade	20,096,000	20,290,000	-1.0
Finance, insurance, and real estate	5,239,000	5,263,000	-.5
Services	18,340,000	18,287,000	.3
Government	16,468,000	16,493,000	-.2

THE SAMPLE

Design

The sampling plan used in the current employment statistics program is know as "sampling proportionate to average size of establishment." This design is an optimum allocation design among strata since the sampling variance is proportional to the average size of establishments. Under this type of design, large establishments fall into the sample with certainty. The size of the sample for the various industries is determined empirically on the basis of experience and of cost considerations. In a manufacturing industry in which a high proportion of total employment is concentrated in relatively few establishments, a large percent of total employment is included in the sample. Consequently, the sample design for such industries provides for a complete census of the large establishments with only a few chosen from among the smaller establishments or none at all if the concentration of employment is great enough. On the other hand, in an industry in which a large proportion of total employment is in small establishments, the sample design calls for inclusion of all large establishments and also for a substantial number of the small ones. Many industries in the trade and services divisions fall into this category. To keep the sample to a size which can be handled by available resources, it is necessary to design samples for these industries with a smaller proportion of universe employment than is the case for most manufacturing industries. Since individual establishments in these nonmanufacturing divisions generally show less fluctuation from regular cyclical or seasonal patterns than do establishments in manufacturing industries, these smaller samples (in terms of employment) generally produce reliable estimates.

In the context of the BLS employment statistics program, with its emphasis on producing timely data at minimum cost, a sample must be obtained which will provide coverage of a sufficiently large segment of the universe to provide reasonably reliable estimates that can be published promptly and regularly. The present sample meets these specifications for most industries. With its use, the BLS is able to produce preliminary estimates each month for many industries and for many geographic levels within a few weeks after the reference period, and, at a somewhat later date, statistics in considerably greater industrial detail.

Coverage

The BLS sample of establishment employment and payrolls is the largest monthly sampling operation in the field of social statistics. Table N shows the approximate proportion of total employment in each industry division covered by the group of establishments furnishing monthly employment data. The coverage for individual industries within the division may vary from the proportions shown.

Reliability of the employment estimates

Although the relatively large size of the BLS establishment sample assures a high degree of accuracy, the estimates derived from it may differ from the figures that would be obtained if it were possible to take a complete census using the same schedules and procedures. As discussed under the previous section, a "link relative" technique is used to estimate employment. This requires the use of the previous month's estimate as the base in computing the current month's estimate. Thus, small sampling and response errors may cumulate over several months. To remove this accumulated error, the estimates are usually adjusted annually to new benchmarks. In addition to taking account of sampling and response errors, the benchmark revision

Table N. Approximate size and coverage of BLS employment and payrolls sample, March 1981[1]

Industry division	Number of establishments in sample	Employees	
		Number reported	Percent of total
Total	177,500	35,740,500	40
Mining	2,400	387,000	35
Construction	17,300	677,000	17
Manufacturing	45,000	10,951,000	55
Transportation and public utilities:			
Railroad transportation (ICC)	37	459,500	92
Other transportation and public utilities	8,100	2,717,000	53
Wholesale and retail trade	43,900	3,398,000	17
Finance, insurance, and real estate	12,200	1,950,000	37
Services	28,700	3,787,000	21
Government:			
Federal[2]	4,900	2,769,000	100
State and local	15,000	8,645,000	63

[1] Since a few establishments do not report payroll and hours information, hours and earnings estimates may be based on a slightly smaller sample than employment estimates.

[2] National estimates of Federal employment by agency are provided to BLS by the Office of Personnel Management. Detailed industry estimates for the Executive Branch, as well as State and area estimates of Federal employment, are based on a sample of 4,900 reports covering about 60 percent of employment in Federal establishments.

adjusts the estimates for changes in the industrial classification of individual establishments (resulting from changes in their product which are not reflected in the levels of estimates until the data are adjusted to new benchmarks). In fact, at the more detailed industry levels, particularly within manufacturing, changes in classification are the major cause of benchmark adjustments. Another cause of differences arises from improvements in the quality of the benchmark data. Table O presents the average percent revisions of the six most recent benchmarks (excluding the March 1973 adjustment) for major industry divisions. Detailed descriptions of individual benchmark revisions are available from the Bureau upon request.

The hours and earnings estimates for basic estimating cells are not subject to benchmark revisions, although the broader groupings may be affected slightly by changes in employment weights. The hours and earnings estimates, however, are subject to sampling errors which may be expressed as relative errors of the estimates. (A relative error is a standard error expressed as a percent of the estimate.) Relative errors for major industries are presented in table O and for individual industries with the specified number of employees in table P. The chances are about 2 out of 3 that the hours and earnings estimates from the sample would differ by a smaller percentage than the relative error from the averages that would have been obtained from a complete census.

One measure of the reliability of the employment estimates for individual industries is the root-mean-square error (RMSE). The measure is the standard deviation adjusted for the bias in estimates:

$$\text{RMSE} = \sqrt{(\text{Standard Deviation})^2 + (\text{Bias})^2}$$

If the bias is small, the chances are about 2 out of 3 that an estimate from the sample would differ from its benchmark by less than the root-mean-square error. The chances are about 19 out of 20 that the difference would be less than twice the root-mean-square error.

Table O. Average benchmark revision in employment estimates and relative errors for average weekly hours and average hourly earnings by industry division

(In percent)

Industry division	Average benchmark revision in estimates of employment[1]	Relative errors[2]	
		Average weekly hours	Average hourly earnings
Total nonagricultural employment	0.3	–	–
Total private	.3	0.1	0.2
Mining	1.3	.5	.5
Construction	2.2	.2	.3
Manufacturing	.4	.1	.1
Durable goods	.4	.1	.1
Nondurable goods	.5	.1	.1
Transportation and public utilities	.4	.7	.4
Trade	.5	.1	.2
Wholesale	.7	.2	.3
Retail	.6	.2	.2
Finance, insurance, and real estate	.5	.2	.4
Services	.7	.4	.8
Government[3]	.5	–	–

[1] The average percent revision in employment for the following benchmarks: 1971, 1974, 1978, 1979, 1980 and 1981.

[2] Relative errors relate to March 1971 data.

[3] Estimates for government are based on a total count for Federal Government and, prior to the March 1979 revision,samples for State and local government benchmarked to a quinquennial census of government conducted by the Bureau of the Census.

Approximations of the root-mean-square errors (based on the most recent benchmark revisions) of differences between final estimates and benchmarks are presented in table P.

Table P. Root-mean-square errors of differences between benchmarks and estimates of employment and average relative errors for average weekly hours and average hourly earnings

Size of employment estimate	Root-mean-square error of employment estimates[1]	Relative errors[2] (in percent)	
		Average weekly hours	Average hourly earnings
50,000	2,100	0.9	1.5
100,000	4,400	.7	1.1
200,000	7,100	.5	.9
500,000	15,200	.4	.8
1,000,000	17,100	.3	.5
2,000,000	28,500	.3	.5

[1] Assuming 12-month intervals between benchmark revisions.

[2] Relative errors relate to March 1971 data.

For the two most recent months, estimates of employment, hours, and earnings are preliminary and are so footnoted in the tables. These figures are based on less than the total sample and are revised when all the reports in the sample have been received. Table Q presents root-mean-square errors of the amounts of revisions that may be expected between the preliminary and final levels of employment and preliminary and final month-to-month changes. Revisions of preliminary hours and earnings estimates are normally not greater than 0.1 of an hour for weekly hours and 1 cent for hourly earnings.

STATISTICS FOR STATES AND AREAS

State and area employment, hours, and earnings data are collected and prepared by State agencies in cooperation with BLS

Table Q. Errors of preliminary employment estimates

Category	Root-mean-square error of—	
	Monthly level	Month-to-month change
INDUSTRY DIVISIONS		
Total nonagricultural employment	84,000	72,000
Goods-producing	39,000	34,000
Mining	5,000	5,000
Construction	18,000	16,000
Manufacturing	31,000	28,000
Durable two-digit industries	6,300	5,700
Nondurable two-digit industries	4,200	3,900
Service-producing	63,00	57,000
Transportation and public utilities	13,000	14,000
Wholesale and retail trade	30,000	27,000
Finance, insurance, and real estate	8,000	7,000
Services	31,000	25,000
Government	50,000	38,000

NOTE: Division level data are based on differences from January 1976 through December 1981. Two-digit industry data are based on differences from January 1981 through February 1982.

The area statistics relate to metropolitan areas. Definitions for all areas are published each year in the issue of *Employment and Earnings* that contains State and area annual averages (usually the May issue). Changes in definitions are noted as they occur. Additional industry detail may be obtained from the State agencies listed on the inside back cover of each issue. These statistics are based on the same establishment reports used by BLS for preparing national estimates. For employment, the sum of the State figures may differ slightly from the equivalent official U.S. totals on a national basis, because some States have more recent benchmarks than others and because of the effects of differing industrial and geographic stratification.

For the States and the areas shown in the B and C sections of this periodical, all the annual average data for the detailed industry statistics currently published by each cooperating State agency are presented in a summary volume published annually by the BLS.

PRODUCTIVITY DATA

Tables C-9, C-10, and C-11 are compiled by the Bureau of Labor Statistics from establishment data and from estimates of compensation and gross national product supplied by the U.S. Department of Commerce and the Federal Reserve Board.

Definitions

Hours of wage and salary workers in nonagricultural establishments refer to hours paid for all employees—production workers, nonsupervisory workers, and salaried workers.

Output is the constant-dollar market value of final goods and services produced in a given period. Indexes of *output per hour* of labor input, or labor productivity, measure changes in the volume of goods and services produced per unit of labor.

Compensation per hour includes wages and salaries of employees plus employers' contributions for social insurance and private benefit plans. The data also include an estimate of wages, salaries, and supplementary payments for the self-employed, except for nonfinancial corporations, in which there are no self-employed.

Real compensation per hour is compensation per hour adjusted to eliminate the effect of changes in the Consumer Price Index for All Urban Consumers (CPI-U).

Unit labor costs measure the labor compensation cost required to produce one unit of output and are derived by dviding compensation per hour by output per hour. *Unit nonlabor payments* include profits, depreciation, interest, and indirect taxes per unit of output. They are computed by subtracting compensation of all persons from the current-dollar gross national product and dividing by output. In these tables, unit nonlabor costs contain all the components of unit nonlabor payments except unit profits. *Unit profits* include corporate profits and inventory valuation adjustments per unit of output.

The *implicit price deflator* is derived by dividing the current-dollar estimate of gross product by the constant-dollar estimate, making the deflator, in effect, a price index for gross product of the sector reported.

Notes on the data

For the private business sector and the nonfarm business sector, these indexes relate to the gross domestic product less household and institutions, owner-occupied housing, and statistical discrepancy. For the nonfinancial corporate sector, the indexes refer to the gross domestic product of nonfinancial corporate business.

Manufacturing data have been revised to reflect the revisions in the Federal Reserve Board Index of Industrial Production. Output data are supplied by the Bureau of Economic Analysis, U.S. Department of Commerce, and the Federal Reserve Board. Quarterly measures have been adjusted by the Bureau of Labor Statistics to annual estimates of output (gross product originating) from the Bureau of Economic Analysis. Compensation and hours data are from the Bureau of Economic Analysis and the Bureau of Labor Statistics.

State and Area Unemployment Data
(D table)

FEDERAL-STATE COOPERATIVE PROGRAM

Labor force and unemployment estimates for States, labor market areas (LMA's), and other areas covered under Federal assistance programs are developed by State employment security agencies under a Federal-State cooperative program. The local unemployment estimates which are derived from standardized procedures developed by BLS are the basis of determining eligibility of an areas for benefits under Federal programs such as the Comprehensive Employment and Training Act, the Public Works Employment Act, and the Public Workers and Economic Development Act.

ESTIMATING METHODS

Labor force and unemployment in 10 large States: New York, California, Illinois, Ohio, New Jersey, Pennsylvania, Michigan, Texas, Massachusetts, and Florida; and two areas: Los Angeles-Long Beach metropolitan areas and New York City, are sufficiently reliable to be used directly from the CPS. For a description of the CPS concepts see "Household Data," above.

Monthly employment and unemployment estimates in the remaining 40 States and 214 labor market areas are prepared in several stages.

1. *Preliminary estimate—employment:* The total employment estimate is based primarily on data from the survey of establishments which produces an estimate of payroll employment. This place-of-work estimate must be adjusted to refer to place of residences as used in the CPS. Factors for adjusting from place of work to place of residence have been developed for the major categories of employment by class of worker and industry on the basis of employment relationships which existed at the time of the 1970 Decennial Census. These factors are applied to the payroll employment estimates for the current period to obtain adjusted employment estimates.

2. *Preliminary estimate—unemployment:* In the current month, the estimate of unemployment is an aggregate of the estimates for each of three building block categories: (1) Persons who were previously employed in industires covered by State unemployment insurance (UI) laws; (2) those previously employed in industires not covered by these laws; and (3) those who were entering the labor force for the first time or reentering after a period of separation. This is referred to below as the UI-based estimate.

An estimate for those previously employed in covered industries is derived from a count of current employment insurance claimants, plus estimates of claimants whose benefits have been exhausted, those persons disqualified from receiving benefits for nonmonetary reasons (because they quit, were discharged for cause, etc., but would otherwise have been eligible), and persons who either filed claims late or not at all.

The estimate of those previously employed in industries not covered by UI is derived by applying to the employment estimate for each noncovered industry or class of worker subgroup in the State, the ratio of covered unemployment to covered employment weighted by factors reflecting national historical relationships.

For the third category, new entrants and reentrants into the labor force, a composite estimate is developed from equations that relate the total entrants into the labor force to the experienced unemployed and

the experienced labor force. For each month, the estimate of entrants into the labor force is a function of: (a) the month of the year; (b) the level of experienced unemployed; (c) the level of the experienced labor force; and (d) proportion of the working age population that is considered "youth." The composite estimate of total entrants is defined as :

$U = A(X + E) + BX$, where
U = total entrant unemployment
E = total employment
X = total experienced unemployment
A,B = synthetic factors incoporating seasonal variation and an assumed relationship between the proportion of youths in the working population and the historical relationship of entrants to the experienced unemployed (B factor) or the experienced labor force (A factor).

3. *Correction factors for employment and unemployment* are then applied at the State level of the UI-based estimates obtained above for each of the 40 States and the District of Columbia. These correction factors are based on the ratio of the CPS to the UI-based estimates for the 6 month period ending in the current month (e.g. a 6-month moving average).

4. *Substate adjustment for additivity.* Independent estimates of employment and unemployment are prepared both for the State (obtained directly from the CPS in the 10 large States or by the UI-based method in the remaining States), and labor market areas (LMA's) withing the State. The total of the geographic areas in the LMA's exhausts the geographic boundries of the State. A proportional adjustment is applied to all substate LMA estimates to ensure that the substate estimates of employment and unemployment add to the independent State totals. In California and New York, which also have substate areas taken directly from the CPS, the additivity adjustment for the remaining areas is applied to the State total minus the direct CPS area.

5. *Benchmark correction procedures.* Once each year monthly estimates prepared by the State employment security agencies using UI-based estimating procedures are adjusted, or benchmarked, by BLS to the annual average CPS estimates for the 40 States for which monthly CPS estimates are not available. This adjustment is necessary because the State-prepared estimates are not as reliable as the CPS annual averages due to differences in State UI laws, the structual limitations of the UI-based estimating method, and errors in the UI data.

The benchmarked estimates are produced in three stages. First, the monthly UI-based estimates are adjusted by the ratio of the CPS to the UI-based annual averages, Second, the difference between the ratio of annual averages for two consecutive years is wedged into the monthly estimates in order to minimize the distrubance to the original series. Finally, the third-stage estimates are forced into agreement with CPS annual averages. In the 10 States which use CPS estimates monthly, no benchmark correction is required, as the average of the 12 monthly State CPS estimates will equal CPS annual averages.

Seasonal Adjustment

Over the course of a year, the size of the Nation's labor force, the levels of employment and unemployment, and other measures of labor market activity undergo sharp fluctuations due to such seasonal events as changes in weather, reduced or expanded production, harvests, major holidays, and the opening and closing of schools. Because these seasonal events follow a more or less regular pattern each year, their influence on statistical trends can be eliminated by adjusting these statistics from month to month. These adjustments make it easier to observe the cyclical and other nonseasonal movements in the series. In evaluating changes in a seasonally adjusted series, it is important to note that seasonal adjustment is merely an approximation based on past experience. Seasonally adjusted estimates have a broader margin of possible error than the original data on which they are based, since they are subject not only to sampling and other errors but are also affected by the uncertainties of the seasonal adjustment process itself. Seasonally adjusted series for selected labor force and establishment data are published regularly in *Employment and Earnings.*

The seasonal adjustment program used for these series are based on an *adaptation* of the standard ratio-to-moving average method. They provide for "moving" adjustment factors to take account of changing seasonal patterns. A detailed description of the method is given in the publication, *The X-11 Variant of the Census Method II Seasonal Adjustment Program,* Technical Paper No. 15, Bureau of the Census (1967).

Beginning in January 1980, the BLS introduced two major modifications in the seasonal adjustment methodology for data from the household survey. First, the data are being seasonally adjusted with a new procedure called X-11 ARIMA, which was developed at Statistics Canada as an extension of the existing standard X-11 method. A detailed description of the procedure appears in *The X-11 ARIMA Seasonal Adjustment Method,* by Estela Bee Dagum, Statistics Canada Catalouge No. 12-564-E, February 1980. The X-11 procedure was originally developed at the Bureau of the Census and had been used by the BLS to seasonally adjust labor force series since 1973. Tests have shown that use of the X-11 ARIMA procedure, which essentially place more emphasis on recent data, provides better seasonal adjustments than does the X-11 method alone.

The second change is that seasonal factors are now being calculated for use during the first 6 months of the year rather than for the entire year. In July of each year, the BLS will calculate and publish (in *Employment and Earnings)* a new set of seasonal factors for use in the second half, based on the experience through June. Revisions of historical data for the most recent 5 years will continued to be made once a year, at the beginning of each calendar year. However, as a result of the revisions to the estimates for 1970-81 based on 1980 census population counts, revisions to seasonally adjusted series in early 1982 were carried back to 1970.

All civilian labor force and unemployment rate statistics, as well as the major employment and unemployment estimates, are computed by aggregating independently adjusted series. For example, for each of the three major labor force components—agricultural employment, nonagricultural employment, and unemployment—data for four sex-age groups (males and females under and over 20 years of age) are separately adjusted for seasonal variation and are then added to derive seasonally adjusted total figures. In order to provide seasonally adjusted total employment and civilian labor force estimates, the appropriate series are aggregated. The official unemployment rate for all civilian workers is derived by dividing the estimate for total unemployment (the sum of 4 seasonally adjusted sex-age components) by the civilian labor force (the sum of 12 seasonally adjusted sex-age components).

Revised seasonally adjusted data for selected labor force series based on the experience through December 1981, new seasonal adjustment factors to be used to calculate the overall unemployment rate for the first 6 months of 1982, and a description of the current seasonal adjustment methodology are published in the February 1982 issue of *Employment and Earnings.* Revised seasonally adjusted data covering the 1970-81 revision period for a broader range of labor force series also appear in the February 1982 issue of this publication. Many additional series, which are either components or aggregates of the series presented, are available from the BLS upon request.

the experienced labor force. For each month, the estimate of entrants into the labor force is a function of: (a) the month of the year; (b) the level of experienced unemployed; (c) the level of the experienced labor force; and (d) proportion of the working age population that is considered "youth." The composite estimate of total entrants is defined as :

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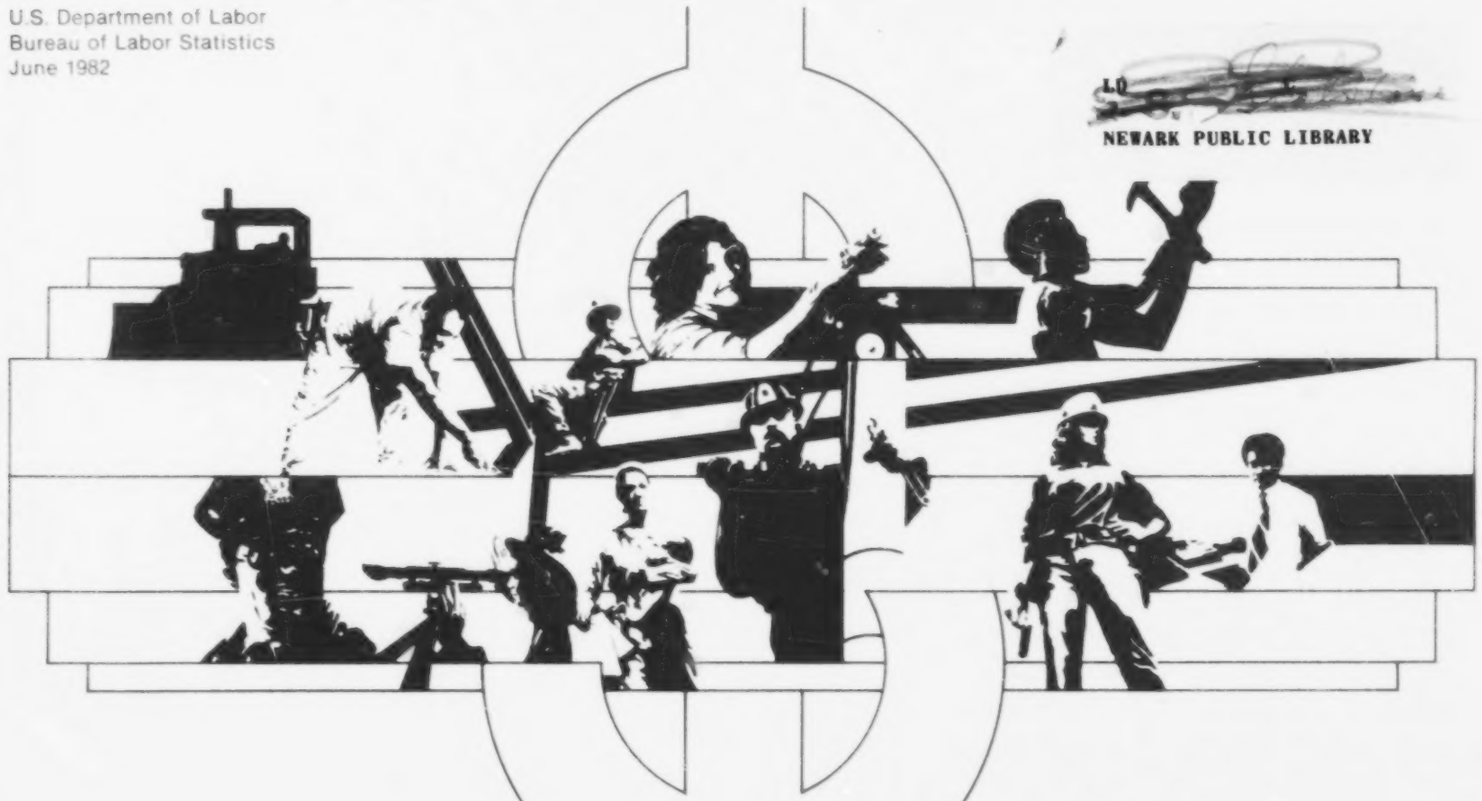

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U.S. DEPARTMENT OF LABOR
Raymond J. Donovan, Secretary

BUREAU OF LABOR STATISTICS
Janet L. Norwood, Commissioner

This annual supplement to the monthly publication, *Employment and Earnings*, presents revised data from the survey of establishments.

Employment and Earnings is prepared by the Division of Monthly Industry Employment Statistics and the Division of Employment and Unemployment Analysis in collaboration with the Division of Special Publications. The data are collected by the Bureau of the Census (Department of Commerce), State employment security agencies, and State departments of labor in cooperation with the Bureau of Labor Statistics. A brief description of the cooperative statistical programs of BLS with these agencies is presented in the Technical Note. The State agencies are listed on the inside back cover.

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Supplement to Employment and Earnings Revised Establishment Data

U.S. Department of Labor
Raymond J. Donovan, Secretary

Bureau of Labor Statistics
Janet L. Norwood, Commissioner

June 1982

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Revised Data on Employment, Hours, and Earnings

This supplement presents revised detailed industry statistics on the Nation's nonagricultural workers adjusted to March 1981 benchmarks. Included are monthly and annual average employment from January 1977 through February 1982 for all employees and women employees; production workers in manufacturing and mining; construction workers in construction; and nonsupervisory workers in the remaining private nonagricultural industries. Also shown for private nonagricultural industries are average weekly and hourly earnings and average weekly hours. Average weekly overtime hours and average hourly earnings excluding overtime are presented for selected manufacturing series. Seasonally adjusted data are presented for a number of these series for January 1974 through February 1982. The supplement also includes indexes of aggregate weekly hours and aggregate weekly payrolls, and constant-dollar earnings related to 1977 as a base year.[1]

This supplement contains no data for either the spendable earnings or labor turnover series. Both series were discontinued with the release of the final December 1981 data in the March 1981 issue of *Employment and Earnings*. Historical data are available from the Bureau of Labor Statistics on request.

The major technical characteristics of the Current Employment Statistics Program, such as scope, concepts, survey methods, estimating techniques, and limitations, highlighted in the next few paragraphs, are described fully in the technical note following the tables.

[1] Data for earlier time periods for employment, hours, and current dollar earnings can be found in *Employment and Earnings, United States, 1909-78*, BLS Bulletin 1312-11. Historical data for the indexes of aggregate weekly hours, aggregate weekly payrolls, and unadjusted constant-dollar series can be found in the August 1981 supplement. Historical data on seasonally adjusted average hourly and weekly earnings in constant dollars can be found in the March 1982 issue of *Employment and Earnings*.

Benchmark adjustments

Periodically, BLS adjusts its industry employment series to more recent benchmarks (comprehensive counts of employment) to correct for sampling variability and for changes in industrial activity of establishments. Data in this supplement are adjusted to the most recent benchmark available—March 1981. They are not necessarily comparable with those previously published in *Employment and Earnings* or the *Monthly Labor Review*.

Collection of data

Each month, a representative panel of industrial, commercial, and government establishments, employing collectively about 36 million workers, voluntarily submits information from payroll records to the State agencies participating in the Current Employment Statistics Program. After extracting data necessary for the preparation of State and area estimates on employment, hours, and earnings, these agencies forward the reports to BLS (Washington Office) for use in the development of national estimates. This program is conducted jointly by BLS, the Employment and Training Administration, and State agencies.

Industrial classification

The Standard Industrial Classification (SIC) system is used to achieve uniformity and comparability in the presentation of industry data and to reflect structural changes that occur in a dynamic economy. The industry statistics in this supplement are based on the 1972 *Standard Industrial Classification Manual* published by the Office of Management and Budget.

Related State and area statistics

Only national data are presented in this supplement. The bulletins, *Employment and Earnings, States and Areas, 1939-78* (BLS Bulletin

1370-13) and *Supplement to Employment and Earnings, States and Areas, Data for 1977-80* (BLS Bulletin 1370-15), provide similar information for all States, the District of Columbia, Puerto Rico, the Virgin Islands, and 263 Standard Metropolitan Statistical Areas. The bulletins contain annual averages for total employment, weekly earnings, weekly hours, and hourly earnings on the same basis as the national data.

Caution

All industry statistics for periods after March 1981, the present benchmark date, are subject to revision when the series are adjusted to new benchmark levels. The next revision is scheduled for publication in mid-1983.

Employment, Hours, and Earnings, by Industry

TOTAL NONAGRICULTURAL ESTABLISHMENTS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
ALL EMPLOYEES—IN THOUSANDS													
1977	82.471	79.427	79.636	80.493	81.418	82.252	83.210	82.551	82.845	83.798	84.298	84.744	84.980
1978	86.697	83.314	83.614	84.607	85.910	86.715	87.701	86.872	87.174	87.801	88.417	88.965	89.272
1979	89.823	87.514	87.751	88.654	89.193	90.012	90.857	89.859	89.969	90.521	91.000	91.204	91.335
1980	90.406	89.553	89.691	90.253	90.603	90.623	90.778	89.436	89.723	90.390	90.985	91.329	91.513
1981	91.105	89.688	89.833	90.371	90.982	91.432	92.056	91.107	91.087	91.620	91.884	91.765	91.437
1982		89.269	89.411										
WOMEN EMPLOYEES—IN THOUSANDS													
1977	33.252	32.079	32.268	32.606	32.878	33.183	33.392	32.639	32.815	33.668	34.145	34.499	34.646
1978	35.349	34.144	34.325	34.703	35.068	35.399	35.592	34.710	34.865	35.675	36.170	36.544	36.920
1979	37.596	36.199	36.322	36.647	36.897	37.120	37.253	36.427	36.647	37.286	37.795	38.184	38.425
1980	38.266	37.494	37.593	38.135	38.314	38.275	38.187	37.204	37.373	38.222	38.656	39.006	39.265
1981	39.019	38.530	38.655	38.871	39.046	39.174	39.216	38.363	38.411	39.089	39.490	39.660	39.775
1982		38.881	39.024										

TOTAL PRIVATE NONAGRICULTURAL ESTABLISHMENTS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
ALL EMPLOYEES—IN THOUSANDS													
1977	67.344	64.480	64.505	65.294	66.230	66.999	67.997	67.990	68.392	68.825	68.880	69.155	69.366
1978	71.926	67.841	67.877	68.729	69.979	70.729	71.821	71.740	72.200	72.441	72.621	73.009	73.320
1979	73.674	71.736	71.742	72.552	73.058	73.835	74.755	74.480	74.664	74.834	74.885	74.918	75.055
1980	74.166	73.451	73.319	73.720	73.868	73.984	74.307	73.833	74.304	74.561	74.669	74.873	75.097
1981	75.061	73.493	73.298	73.903	74.550	75.044	75.888	75.773	75.940	76.091	75.884	75.629	75.329
1982		73.407	73.378										
WOMEN EMPLOYEES—IN THOUSANDS													
1977	26.849	25.267	25.316	25.588	25.850	26.115	26.415	26.297	26.545	26.872	27.009	27.265	27.601
1978	28.133	26.971	26.995	27.300	27.630	27.905	28.226	28.102	28.403	28.649	28.822	29.135	29.454
1979	29.646	28.611	28.600	29.066	29.283	29.510	29.784	29.571	29.786	29.993	30.171	30.371	30.610
1980	30.427	29.957	29.996	30.155	30.239	30.271	30.360	30.127	30.385	30.628	30.749	30.988	31.268
1981	31.297	30.635	30.627	30.771	31.009	31.165	31.410	31.289	31.460	31.675	31.753	31.824	31.949
1982		31.169	31.193										
PRODUCTION OR NONSUPERVISORY WORKERS—IN THOUSANDS													
1977	55.179	52.633	52.651	53.379	54.257	54.958	55.811	55.718	56.069	56.460	56.504	56.759	56.946
1978	58.156	55.413	55.402	56.175	57.319	57.975	58.879	58.731	59.125	59.376	59.501	59.852	60.121
1979	60.367	58.534	58.511	59.236	59.678	60.389	61.173	60.850	60.999	61.176	61.232	61.248	61.374
1980	60.331	59.748	59.645	59.985	60.118	60.199	60.444	59.991	60.413	60.657	60.748	60.918	61.101
1981	60.881	59.540	59.416	59.882	60.479	60.894	61.600	61.456	61.645	61.776	61.585	61.311	61.007
1982		59.135	59.094										
PRODUCTION OR NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS IN DOLLARS													
1977	189.00	178.97	182.58	183.30	184.73	186.68	189.49	191.10	190.94	193.14	194.58	193.86	195.84
1978	203.70	192.35	194.15	197.97	200.48	200.63	204.89	206.91	206.70	208.94	210.73	210.50	213.35
1979	219.91	210.74	212.40	214.91	211.65	215.84	219.35	221.76	222.48	225.54	225.27	225.70	229.04

TOTAL PRIVATE NONAGRICULTURAL ESTABLISHMENTS—Continued

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
PRODUCTION OR NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS IN DOLLARS													
1980	235.10	225.34	226.40	228.80	229.20	229.60	233.33	234.39	237.14	239.69	242.16	244.28	247.06
1981	255.20	246.75	247.10	249.92	250.98	252.38	254.88	257.74	259.88	259.74	261.18	262.20	262.24
1982		255.95	262.39										
PRODUCTION OR NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS IN DOLLARS													
1977	5.25	5.07	5.10	5.12	5.16	5.20	5.22	5.25	5.26	5.35	5.39	5.40	5.41
1978	5.69	5.48	5.50	5.53	5.60	5.62	5.66	5.70	5.71	5.82	5.87	5.88	5.91
1979	6.16	5.97	6.00	6.02	6.03	6.08	6.11	6.16	6.18	6.30	6.31	6.34	6.38
1980	6.66	6.42	6.45	6.50	6.53	6.56	6.61	6.64	6.68	6.79	6.86	6.92	6.94
1981	7.25	7.03	7.06	7.10	7.13	7.17	7.20	7.24	7.30	7.40	7.42	7.47	7.45
1982		7.55	7.54										
PRODUCTION OR NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS													
1977	36.0	35.3	35.4	35.8	35.8	35.9	36.3	36.4	36.3	36.1	36.1	35.9	36.2
1978	35.6	35.1	35.3	35.8	35.8	35.7	36.2	36.3	36.2	35.9	35.9	35.8	36.1
1979	35.7	35.1	35.4	35.7	35.1	35.5	35.9	36.0	36.0	35.8	35.7	35.6	35.9
1980	35.3	35.1	35.1	35.2	35.1	35.0	35.3	35.3	35.5	35.3	35.3	35.3	35.6
1981	35.2	35.1	35.0	35.2	35.2	35.2	35.4	35.6	35.6	35.1	35.2	35.1	35.2
1982		33.9	34.8										

GOODS-PRODUCING

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
ALL EMPLOYEES—IN THOUSANDS													
1977	24.346	23.052	23.112	23.488	23.893	24.257	24.767	24.675	24.945	25.151	25.079	25.006	24.706
1978	25.565	24.160	24.178	24.554	25.179	25.474	26.029	25.911	26.206	26.356	26.383	26.378	26.186
1979	26.461	25.613	25.605	25.993	26.187	26.500	26.975	26.801	26.891	27.011	26.886	26.643	26.401
1980	25.658	25.837	25.697	25.799	25.689	25.580	25.648	25.211	25.588	25.772	25.784	25.757	25.537
1981	25.481	24.975	24.875	25.126	25.272	25.483	25.954	25.845	26.001	26.066	25.807	25.449	24.914
1982		24.112	24.038										
WOMEN EMPLOYEES—IN THOUSANDS													
1977	6.248	5.954	6.010	6.070	6.124	6.186	6.299	6.202	6.359	6.447	6.451	6.458	6.420
1978	6.644	6.358	6.406	6.474	6.521	6.576	6.695	6.572	6.746	6.833	6.849	6.864	6.823
1979	6.911	6.762	6.777	6.829	6.840	6.887	6.993	6.872	6.973	7.031	7.035	6.997	6.939
1980	6.794	6.859	6.879	6.913	6.858	6.757	6.736	6.568	6.745	6.807	6.807	6.809	6.774
1981	6.850	6.701	6.719	6.758	6.795	6.840	6.934	6.858	6.973	7.017	6.960	6.877	6.762
1982		6.629	6.622										
PRODUCTION OR NONSUPERVISORY WORKERS—IN THOUSANDS													
1977	17.774	16.640	16.693	17.046	17.426	17.748	18.190	18.029	18.275	18.474	18.403	18.339	18.025
1978	18.726	17.501	17.486	17.826	18.398	18.664	19.122	18.972	19.245	19.422	19.440	19.416	19.216
1979	19.351	18.667	18.623	18.966	19.154	19.438	19.821	19.617	19.689	19.833	19.711	19.466	19.227
1980	18.398	18.645	18.505	18.564	18.458	18.330	18.364	17.939	18.293	18.494	18.496	18.456	18.227
1981	18.103	17.696	17.607	17.835	17.986	18.167	18.529	18.384	18.526	18.626	18.371	18.019	17.486
1982		16.726	16.686										

See footnotes at end of tables.

MINING

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	813	788	788	805	818	828	856	831	816	843	843	848	590
1978	851	679	680	699	869	882	909	915	917	911	914	922	917
1979	956	912	917	928	934	946	970	977	986	980	981	982	981
1980	1,027	977	981	990	1,003	1,022	1,050	1,033	1,033	1,042	1,047	1,066	1,077
1981	1,132	1,065	1,091	1,107	968	986	1,159	1,184	1,200	1,201	1,196	1,203	1,200
1982		1,183	1,160										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	65	61	62	62	63	63	66	67	68	67	67	69	66
1978	76	68	69	69	73	74	78	79	80	80	80	81	82
1979	91	83	83	86	87	89	92	94	96	93	94	95	95
1980	105	95	97	99	101	103	106	107	109	109	109	112	114
1981	129	116	119	121	116	120	131	134	137	136	137	136	140
1982		138	139										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	618	600	600	616	626	633	658	635	617	643	642	646	505
1978	638	491	489	508	657	669	689	692	693	689	692	698	694
1979	719	689	691	698	702	711	728	732	740	735	734	734	731
1980	762	728	729	734	745	762	783	768	764	773	776	789	797
1981	832	800	805	816	701	715	854	872	884	885	880	885	880
1982		862	858										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	301.20	283.56	288.74	292.75	296.35	296.35	302.58	308.26	300.76	313.99	317.29	318.07	288.65
1978	332.68	288.42	296.87	301.20	331.80	331.14	336.05	337.82	337.74	345.83	348.73	353.03	349.80
1979	365.07	348.10	350.17	355.21	364.23	361.24	367.20	355.70	365.92	373.23	374.95	381.06	383.69
1980	397.76	364.52	384.94	388.00	389.96	386.86	396.20	380.94	395.71	404.55	409.03	413.76	422.55
1981	439.19	426.95	422.57	417.22	423.36	424.95	420.04	439.92	447.30	450.85	436.13	461.32	466.37
1982		456.89	463.03										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	6.94	6.80	6.81	6.84	6.86	6.86	6.94	6.99	6.93	7.12	7.13	7.18	6.76
1978	7.67	6.90	6.92	6.94	7.61	7.63	7.69	7.82	7.80	7.95	7.98	8.06	8.06
1979	8.39	8.21	8.22	8.28	8.55	8.46	8.50	8.53	8.49	8.58	8.58	8.72	8.74
1980	9.17	8.86	8.89	8.94	9.09	9.06	9.15	9.07	9.16	9.30	9.36	9.49	9.56
1981	10.05	9.77	9.85	9.84	9.71	9.68	9.93	10.09	10.12	10.27	10.25	10.39	10.41
1982		10.65	10.62										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	43.4	41.7	42.4	42.8	43.2	43.2	43.6	44.1	43.4	44.1	44.5	44.3	42.7
1978	43.4	41.8	42.9	43.4	43.6	43.4	43.7	43.2	43.3	43.5	43.7	43.6	43.4
1979	43.0	42.4	42.6	42.9	42.6	42.7	43.2	41.7	43.1	43.5	43.7	43.7	43.9
1980	43.3	43.4	43.3	43.4	42.9	42.7	43.3	42.0	43.2	43.5	43.7	43.6	44.2
1981	43.7	43.7	42.9	42.4	43.6	43.9	42.3	43.6	44.2	43.9	44.5	44.4	44.6
1982		42.9	43.6										

See footnotes at end of tables

SIC 10—METAL MINING

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	90.3	96.5	97.0	97.3	97.9	99.9	102.2	89.0	80.4	77.8	78.2	79.2	87.9
1978	93.7	90.8	91.5	92.8	92.7	92.5	94.7	94.4	95.1	94.4	94.7	95.2	95.6
1979	101.0	95.4	96.2	97.3	97.8	98.9	102.3	104.0	104.7	103.4	103.3	104.4	104.7
1980	98.2	104.4	104.3	104.7	104.3	106.2	108.1	89.6	81.3	87.1	87.7	96.6	103.5
1981	104.1	104.8	105.1	104.6	104.4	105.3	107.0	105.3	105.8	104.3	102.7	99.9	99.6
1982		93.2	90.5										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.7	5.4	5.8	5.7	5.8	5.9	6.3	5.8	5.9	5.4	5.4	5.6	5.9
1978	6.8	6.0	6.0	6.1	6.2	6.4	7.2	7.3	7.4	7.2	7.2	7.3	7.5
1979	8.5	7.5	7.5	7.9	8.0	8.2	8.9	9.2	9.1	8.7	8.8	8.8	9.0
1980	8.9	9.0	9.0	8.8	9.1	9.4	10.0	8.6	8.3	8.1	8.0	9.1	9.7
1981	9.5	9.7	9.7	9.6	9.4	9.5	10.0	10.0	10.0	9.5	9.2	8.8	9.0
1982		8.0	7.7										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	68.2	74.7	75.0	75.0	75.6	77.1	78.7	67.6	58.3	55.7	56.7	57.7	66.2
1978	72.3	69.5	70.1	71.9	71.7	71.7	73.2	72.8	73.6	73.1	73.2	73.6	73.7
1979	77.4	73.9	73.5	74.5	74.9	75.7	78.5	79.7	80.0	79.3	79.3	80.0	79.8
1980	73.9	79.7	79.5	79.2	79.1	80.9	82.0	66.8	58.7	65.2	65.5	72.6	77.9
1981	78.4	79.5	79.7	79.3	78.7	79.0	80.6	78.5	75.4	78.5	77.2	75.1	74.8
1982		69.2	67.7										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	297.02	283.56	286.42	287.04	292.63	293.35	298.39	296.46	297.01	302.60	305.31	309.79	318.24
1978	339.90	319.25	319.39	320.66	317.57	328.03	329.66	340.73	341.88	357.81	358.62	362.34	367.11
1979	361.92	362.34	367.38	364.62	372.94	366.02	377.24	378.80	384.05	393.67	396.47	404.33	409.68
1980	415.57	406.72	409.12	413.25	413.41	414.73	411.28	381.95	397.55	422.65	420.03	439.52	453.78
1981	467.76	443.63	455.22	456.62	460.22	454.10	467.41	468.64	477.15	488.64	474.74	446.01	464.41
1982		483.94	479.02										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	7.28	6.95	7.02	7.07	7.12	7.19	7.26	7.32	7.37	7.49	7.52	7.63	7.65
1978	8.22	7.73	7.79	7.84	7.97	8.04	8.08	8.25	8.40	8.56	8.60	8.71	8.77
1979	9.27	8.71	8.81	8.85	9.03	9.06	9.09	9.33	9.39	9.63	9.67	9.79	9.81
1980	10.26	9.52	9.93	9.91	10.01	10.19	10.13	10.24	10.38	10.54	10.58	10.72	10.83
1981	11.55	10.90	11.13	11.11	11.28	11.24	11.29	11.60	11.84	12.10	12.08	12.12	12.08
1982		12.19	12.22										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	40.8	40.8	40.8	40.6	41.1	40.8	41.1	40.5	40.1	40.4	40.6	40.6	41.6
1978	41.3	41.3	41.0	40.9	41.1	40.8	40.6	41.3	40.7	41.8	41.7	41.6	42.1
1979	41.2	41.6	41.7	41.2	41.3	40.4	41.5	40.6	40.9	40.9	41.0	41.3	41.7
1980	40.5	41.0	41.2	41.7	41.3	40.7	40.6	37.3	38.3	40.1	39.7	41.0	41.9
1981	40.5	40.7	40.9	41.1	40.8	40.4	41.4	40.4	40.3	40.4	39.3	40.1	40.1
1982		39.7	39.2										

SIC 101—IRON ORES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	19.3	24.4	24.9	25.0	24.8	25.3	26.0	25.1	10.1	9.6	9.5	9.1	18.0
1978	24.2	21.9	22.2	23.4	23.6	24.3	24.8	24.7	25.2	25.1	25.1	24.9	24.6
1979	24.8	24.3	24.1	24.2	24.2	24.5	25.0	25.4	25.6	25.3	25.0	25.0	24.8
1980	21.6	24.2	23.9	24.0	22.9	23.2	23.0	21.0	19.6	19.3	19.0	18.4	20.1
1981	21.2	21.1	21.3	21.4	21.9	22.3	23.0	21.7	21.8	21.4	20.9	19.0	19.1
1982		18.4	18.0										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	14.6	19.6	20.0	20.1	19.7	20.3	20.8	20.0	5.8	5.4	5.3	5.0	13.3
1978	19.6	17.4	17.8	19.1	19.3	19.7	20.2	19.9	20.5	20.5	20.5	20.3	19.9
1979	19.9	19.7	19.3	19.4	19.3	19.7	20.1	20.4	20.3	20.3	20.0	20.1	19.8
1980	16.7	19.3	19.0	19.1	17.8	18.1	17.9	15.7	14.8	14.7	14.3	14.0	15.3
1981	16.6	16.5	16.6	16.8	17.3	17.4	18.2	16.8	16.9	16.6	16.2	14.7	14.7
1982		14.1	13.9										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	309.34	299.62	302.09	303.73	301.18	311.19	326.32	306.32	314.70	324.38	326.16	331.67	309.60
1978	360.40	331.38	335.86	344.86	357.57	356.50	361.99	363.80	361.96	373.05	371.60	377.52	383.10
1979	405.77	378.16	391.73	389.42	407.28	395.85	403.18	405.34	413.34	409.76	413.56	437.84	424.35
1980	429.15	424.11	434.89	444.74	423.72	451.95	418.72	407.74	402.85	430.07	401.32	429.77	459.65
1981	485.18	428.65	461.37	478.18	485.20	458.62	508.04	495.46	518.75	546.94	470.87	504.32	459.46
1982		510.44	511.83										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	7.49	7.29	7.35	7.39	7.40	7.59	7.66	7.62	7.37	7.44	7.55	7.47	7.74
1978	8.48	7.89	7.94	8.02	8.22	8.31	8.36	8.52	8.68	8.84	8.89	9.01	8.93
1979	9.57	8.54	9.11	9.12	9.32	9.47	9.42	9.56	9.68	9.85	9.80	10.23	10.35
1980	10.95	10.55	10.53	10.44	10.36	11.05	10.99	11.08	11.38	11.53	11.21	11.43	11.52
1981	12.16	11.37	11.83	11.72	12.01	11.82	11.87	11.91	12.47	12.93	12.59	12.80	12.87
1982		12.89	12.86										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	41.3	41.1	41.1	41.1	40.7	41.0	42.6	40.2	42.7	43.6	43.2	44.4	40.0
1978	42.5	42.0	42.3	43.0	43.5	42.9	43.3	42.7	41.7	42.2	41.8	41.9	42.9
1979	42.4	42.3	43.0	42.7	43.7	41.8	42.8	42.4	42.7	41.6	42.2	42.8	41.0
1980	39.1	40.2	41.3	42.6	40.9	40.9	38.1	36.8	35.4	37.3	35.8	37.6	39.9
1981	39.9	37.7	39.0	40.8	40.4	38.8	42.8	41.6	41.6	42.3	37.4	39.4	35.7
1982		39.6	39.8										

SIC 102—COPPER ORES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	33.6	37.6	37.3	37.2	36.8	37.2	37.8	25.2	32.3	29.7	30.2	30.9	30.8
1978	30.0	30.8	30.9	30.7	30.1	29.9	29.9	29.6	29.7	29.5	29.5	29.7	30.1
1979	33.3	30.5	31.0	31.5	31.7	32.2	33.4	34.2	34.6	34.5	34.7	35.3	35.4
1980	30.0	35.3	35.2	35.3	35.7	36.3	37.1	20.1	13.8	20.5	22.0	31.6	36.5
1981	36.3	36.7	36.8	36.4	36.3	36.5	37.1	35.7	36.5	36.2	35.9	35.8	35.5
1982		32.6	32.0										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	25.6	29.0	28.8	28.6	28.4	28.6	29.2	19.0	24.0	21.8	22.7	23.4	23.7
1978	22.9	23.6	23.6	23.4	23.0	22.8	22.7	22.4	22.6	22.5	22.6	22.8	23.1
1979	25.6	23.4	23.8	24.2	24.5	24.8	25.7	26.3	26.5	26.6	26.9	27.4	27.4
1980	23.0	27.4	27.4	26.7	27.7	28.3	28.8	15.6	8.7	15.9	17.1	24.5	28.3
1981	28.0	28.6	28.6	28.3	28.1	28.1	28.5	27.2	28.1	27.9	27.6	27.6	27.4
1982		24.8	24.2										

SIC 102—COPPER ORES (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	289.11	282.75	279.80	282.30	291.67	285.38	281.51	287.26	285.77	292.39	297.04	296.29	311.64
1978	339.25	313.97	313.95	318.63	317.49	321.11	317.00	316.18	341.75	362.75	367.69	371.96	387.43
1979	405.03	381.60	388.67	380.16	385.48	379.39	395.28	416.78	421.40	420.18	427.43	429.66	432.43
1980	435.01	434.60	431.34	429.42	434.09	432.85	427.45	321.30	359.04	424.93	445.76	481.50	496.32
1981	492.54	488.75	492.15	481.62	486.13	477.76	481.82	495.97	485.60	490.86	503.89	505.93	518.93
1982		486.20	485.01										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	7.49	7.25	7.23	7.22	7.31	7.28	7.35	7.52	7.56	7.86	7.90	7.88	7.95
1978	8.46	8.03	8.05	8.17	8.12	8.15	8.17	8.62	8.63	8.72	8.86	8.92	9.01
1979	9.53	9.00	9.06	9.03	9.20	9.12	9.15	9.67	9.68	9.91	10.01	10.23	10.08
1980	10.61	10.25	10.27	10.20	10.46	10.38	10.30	10.50	10.56	10.58	11.20	11.25	11.28
1981	11.84	11.50	11.58	11.44	11.63	11.54	11.61	11.98	11.99	12.12	12.26	12.25	12.21
1982		12.34	12.31										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	38.6	39.0	38.7	39.1	39.9	39.2	38.3	38.2	37.8	37.2	37.6	37.6	39.2
1978	40.1	39.1	39.0	39.0	39.1	39.4	38.8	39.0	39.6	41.6	41.5	41.7	43.0
1979	42.5	42.4	42.9	42.1	41.9	41.6	43.2	43.1	42.5	42.4	42.7	42.0	42.9
1980	41.0	42.4	42.0	42.1	41.5	41.7	41.5	30.6	34.0	38.7	39.8	42.8	44.0
1981	41.6	42.5	42.5	42.1	41.8	41.4	41.5	41.4	40.5	40.5	41.1	41.3	42.5
1982		39.4	39.4										

SIC 11,12—COAL MINING

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	225.3	231.5	228.5	237.4	238.6	236.5	243.2	228.1	218.2	250.4	250.0	252.4	88.5
1978	209.6	77.4	76.2	83.0	244.4	248.3	253.5	253.9	251.7	252.2	255.3	260.9	258.6
1979	258.8	257.8	256.9	260.2	262.8	260.6	261.1	259.1	261.2	259.3	256.2	256.5	253.9
1980	246.3	251.4	249.5	248.7	249.4	244.2	246.6	240.8	242.1	245.3	243.8	247.1	246.1
1981	222.3	246.9	245.7	248.3	91.4	89.5	233.7	247.6	250.6	254.7	251.8	255.4	252.2
1982		250.0	249.1										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	6.4	6.1	6.1	6.4	6.4	6.3	6.6	6.5	6.7	7.2	7.2	7.2	4.4
1978	7.7	5.2	5.4	5.2	8.1	8.4	8.4	8.4	8.4	8.5	8.5	8.7	8.7
1979	9.3	8.9	9.0	9.0	9.1	9.1	9.3	9.3	9.5	9.3	9.6	9.6	9.4
1980	10.5	9.6	10.0	10.1	10.3	10.6	10.6	10.5	10.6	10.7	10.8	10.8	10.9
1981	10.2	11.2	11.1	11.4	4.5	4.4	10.6	11.1	11.4	11.5	11.8	11.6	11.6
1982		11.7	11.8										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	192.0	197.2	194.5	202.7	203.9	201.7	208.5	194.7	184.2	214.9	214.2	216.5	70.6
1978	177.8	56.6	54.5	62.0	202.5	206.8	211.4	212.2	209.6	210.0	213.0	218.2	216.6
1979	215.6	216.1	214.8	216.8	219.5	216.9	217.4	215.4	218.0	216.6	212.5	212.9	210.7
1980	203.8	208.9	207.3	206.4	207.4	201.7	203.4	199.1	199.3	202.8	201.0	204.5	203.4
1981	183.8	203.3	202.9	204.8	75.9	73.9	192.9	204.3	207.0	211.1	208.2	212.3	209.3
1982		207.1	206.1										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	345.68	321.17	325.22	337.75	336.57	335.78	346.90	365.20	344.86	366.27	369.60	373.09	267.20
1978	386.11	275.26	297.90	301.40	385.11	387.30	389.75	388.73	387.20	393.41	397.13	416.94	401.14
1979	418.40	406.81	398.93	412.34	427.81	426.62	427.41	393.58	414.80	423.10	427.87	431.59	430.56
1980	435.49	437.84	427.87	427.92	434.19	427.36	442.09	390.20	436.40	444.57	445.38	451.85	456.96
1981	481.16	456.85	461.25	417.24	440.44	456.55	413.77	484.01	507.78	519.54	520.88	522.06	528.63
1982		507.16	514.59										

See footnotes at end of tables.

SIC 11,12

SIC 11,12—COAL MINING (Con.)

PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977[1]	8.24	8.09	8.09	8.12	8.11	8.15	8.24	(*)	8.29	8.42	8.40	8.46	8.00
1978[1]	9.49	7.82	7.84	7.89	9.37	9.31	9.46	(*)	9.68	9.86	9.83	9.88	9.76
1979[1]	10.26	9.85	9.85	9.96	10.46	10.38	10.45	(*)	10.37	10.37	10.31	10.45	10.35
1980[1]	10.86	10.40	10.36	10.54	11.02	10.93	10.97	(*)	10.91	10.95	10.97	11.24	11.20
1981[1]	11.89	11.17	11.25	11.40	11.44	11.50	11.89	(*)	12.09	12.35	12.17	12.43	12.38
1982		12.40	12.37										

PRODUCTION-WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977[1]	41.7	39.7	40.2	41.6	41.5	41.2	42.1	(*)	41.6	43.5	44.0	44.1	33.4
1978[1]	40.6	35.2	38.0	38.2	41.1	41.6	41.2	(*)	40.0	39.9	40.4	42.2	41.1
1979[1]	41.0	41.3	40.5	41.4	40.9	41.1	40.9	(*)	40.0	40.8	41.5	41.3	41.6
1980[1]	40.5	42.1	41.3	40.6	39.4	39.1	40.3	(*)	40.0	40.6	40.6	40.2	40.8
1981[1]	40.5	40.9	41.0	36.6	38.5	39.7	34.8	(*)	42.0	42.1	42.8	42.0	42.7
1982		40.9	41.6										

SIC 12—BITUMINOUS COAL AND LIGNITE MINING

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	221.9	228.1	225.2	234.1	235.4	233.1	239.7	224.6	214.7	246.9	246.6	249.0	85.2
1978	206.5	74.2	73.0	79.9	241.3	245.3	250.4	250.9	248.6	249.1	252.2	257.8	255.4
1979	255.6	254.7	253.8	257.1	259.7	257.4	257.9	255.9	257.9	256.0	252.9	253.1	250.6
1980	242.8	248.1	246.1	245.4	246.0	240.9	243.2	237.5	238.6	241.8	240.3	243.6	242.6
1981	218.9	243.4	242.1	244.8	87.8	88.0	230.1	244.1	247.0	251.1	248.3	251.9	248.7
1982		246.5	245.6										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	189.0	194.3	191.6	199.8	201.0	198.7	205.4	191.6	181.2	211.9	211.2	213.6	67.7
1978	170.1	53.8	51.7	59.4	199.8	204.2	208.7	209.6	206.9	207.2	210.3	215.4	213.8
1979	212.7	213.3	212.0	214.0	216.7	214.0	214.5	212.5	215.0	213.6	209.5	209.9	207.7
1980	200.7	205.9	204.3	203.4	204.4	198.7	200.4	196.2	196.2	199.7	197.9	201.3	200.2
1981	180.8	200.2	199.7	201.7	72.7	72.6	189.7	201.2	203.8	207.9	205.0	209.1	206.2
1982		204.0	203.0										

PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	346.51	322.36	325.61	339.04	337.81	337.02	347.75	366.17	345.70	367.14	370.48	373.97	266.46
1978	387.73	276.59	299.41	302.10	386.34	388.13	390.99	390.91	389.37	394.61	398.34	418.20	403.35
1979	419.62	408.04	401.13	413.59	429.04	427.85	429.68	394.69	416.00	424.32	429.11	432.82	431.81
1980	437.09	439.10	428.69	429.14	435.76	428.93	44[illegible].20	391.63	438.00	446.19	446.60	453.46	458.59
1981	482.78	458.08	464.02	418.70	445.06	459.69	414.67	486.01	509.46	521.62	522.16	522.49	529.91
1982		508.80	515.02										

PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977[1]	8.26	8.12	8.12	8.15	8.14	8.18	8.26	(*)	8.31	8.44	8.42	8.48	8.05
1978[1]	9.53	7.88	7.90	7.95	9.40	9.33	9.49	(*)	9.71	9.89	9.86	9.91	9.79
1979[1]	10.29	9.88	9.88	9.99	10.49	10.41	10.48	(*)	10.40	10.40	10.34	10.48	10.38
1980[1]	10.89	10.43	10.38	10.57	11.06	10.97	11.00	(*)	10.95	10.99	11.00	11.28	11.24
1981[1]	11.93	11.20	11.29	11.44	11.56	11.55	11.95	(*)	12.13	12.39	12.20	12.47	12.41
1982		12.44	12.41										

PRODUCTION-WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977[1]	41.7	39.7	40.1	41.6	41.5	41.2	42.1	(*)	41.6	43.5	44.0	44.1	33.1
1978[1]	40.6	35.1	37.9	38.0	41.1	41.6	41.2	(*)	40.1	39.9	40.4	42.2	41.2
1979[1]	41.0	41.3	40.6	41.4	40.9	41.1	41.0	(*)	40.0	40.8	41.5	41.3	41.6
1980[1]	40.5	42.1	41.3	40.6	39.4	39.1	40.2	(*)	40.0	40.6	40.6	40.2	40.8
1981[1]	40.5	40.9	41.1	36.6	38.5	39.8	34.7	(*)	42.0	42.1	42.8	41.9	42.7
1982		40.9	41.5										

See footnotes at end of tables.

SIC 13—OIL AND GAS EXTRACTION

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	381.4	356.9	358.8	361.3	366.1	373.3	388.2	391.6	394.7	393.5	394.5	397.9	400.5
1978	429.3	404.1	405.5	413.2	414.8	420.7	436.3	441.1	445.4	440.7	440.8	443.6	445.2
1979	474.2	448.1	452.4	453.6	452.3	461.6	477.0	483.6	489.5	487.5	492.0	493.7	499.0
1980	559.7	504.0	511.3	517.1	526.2	545.4	567.2	576.0	584.5	584.2	591.9	599.5	609.0
1981	686.2	622.7	630.2	639.7	652.7	667.8	694.1	706.6	719.6	718.4	719.6	728.2	735.0
1982		738.0	737.3										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	45.5	42.8	42.8	43.0	43.1	43.9	45.6	46.5	47.2	47.0	47.3	48.3	48.6
1978	53.9	49.6	50.2	50.4	51.2	51.9	54.1	55.3	56.0	56.2	56.6	57.2	57.7
1979	63.9	58.1	59.0	60.6	61.5	62.5	64.9	66.4	67.4	65.6	66.0	67.2	67.5
1980	76.1	67.4	69.1	70.5	71.7	73.2	76.1	76.5	80.0	80.2	80.8	82.3	83.8
1981	99.0	85.3	88.2	90.4	92.3	96.1	100.2	103.0	105.0	104.8	105.9	107.8	109.2
1982		108.8	110.1										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	266.5	249.1	249.7	252.6	255.3	260.3	272.6	274.3	276.4	275.5	275.7	277.5	279.2
1978	299.1	281.3	281.9	288.0	289.6	294.7	305.2	307.1	309.9	306.6	306.5	308.7	310.0
1979	327.3	312.5	315.2	314.0	310.6	318.2	328.6	333.0	337.3	335.8	338.9	340.0	343.4
1980	388.7	348.8	351.8	355.1	362.7	379.9	397.2	401.7	407.5	406.6	412.6	416.8	423.9
1981	478.2	433.9	438.3	445.4	454.1	467.3	485.0	493.0	501.7	500.9	501.2	507.0	511.0
1982		511.1	508.6										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	284.74	271.12	277.68	276.88	281.43	280.72	284.03	284.55	285.19	290.50	294.45	293.40	295.65
1978	315.45	300.12	303.94	308.26	314.64	310.26	313.69	315.32	315.70	325.78	327.67	323.28	327.88
1979	342.77	325.26	331.94	331.88	335.48	331.14	339.45	338.24	344.06	350.88	352.56	351.84	366.73
1980	389.99	370.35	374.33	379.09	377.10	377.16	386.86	388.57	390.44	397.25	403.99	406.27	416.24
1981	433.66	425.01	415.63	423.49	429.80	429.40	427.14	431.80	432.81	432.21	443.55	449.57	453.68
1982		449.34	454.36										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	6.37	6.19	6.24	6.25	6.31	6.28	6.34	6.38	6.[illegible]	6.47	6.50	6.52	6.57
1978	7.01	6.79	6.83	6.82	6.90	6.91	6.94	7.07	7.[illegible]0	7.16	7.17	7.20	7.27
1979	7.72	7.46	7.51	7.56	7.73	7.63	7.68	7.74	7.68	7.78	7.80	7.97	8.06
1980	8.59	8.23	8.30	8.35	8.38	8.40	8.54	8.54	8.60	8.75	8.84	8.89	8.99
1981	9.51	9.30	9.34	9.39	9.53	9.50	9.45	9.49	9.45	9.52	9.58	9.71	9.74
1982		10.03	10.03										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	44.7	43.8	44.5	44.3	44.6	44.7	44.8	44.6	44.7	44.9	45.3	45.0	45.0
1978	45.0	44.2	44.5	45.2	45.6	44.9	45.2	44.6	45.1	45.5	45.7	44.9	45.1
1979	44.4	43.6	44.2	43.9	43.4	43.4	44.2	43.7	44.8	45.1	45.2	45.4	45.5
1980	45.4	45.0	45.1	45.4	45.0	44.9	45.3	45.5	45.4	45.4	45.7	45.7	46.3
1981	45.6	45.7	44.5	45.1	45.1	45.2	45.2	45.5	45.8	45.4	46.3	46.3	46.6
1982		44.8	45.3										

SIC 131,2—CRUDE PETROLEUM, NATURAL GAS, AND GAS LIQUIDS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	170.1	162.3	162.5	163.5	164.9	167.0	172.3	175.4	176.1	173.3	173.6	174.7	175.3
1978	182.5	175.7	176.4	177.7	178.1	178.6	186.1	188.1	188.7	185.0	184.7	185.5	185.9
1979	198.2	187.1	189.1	190.0	191.4	193.7	201.6	204.6	205.7	202.0	202.8	204.5	206.2
1980	225.9	207.6	208.9	211.2	215.2	220.0	228.9	234.4	236.7	233.6	235.8	237.6	240.4
1981	264.7	243.1	246.8	249.5	252.6	256.8	269.4	276.4	278.4	273.5	274.2	276.6	279.3
1982		280.5	281.5										

SIC 131,2—CRUDE PETROLEUM, NATURAL GAS, AND GAS LIQUIDS (Con.)

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	30.2	28.5	28.6	28.6	29.0	29.5	30.4	31.1	31.4	31.0	31.2	31.7	31.8
1978	34.9	32.2	32.7	33.1	33.5	33.9	35.4	36.1	36.3	36.0	36.2	36.5	36.8
1979	40.8	37.0	37.5	38.0	38.8	39.6	41.5	42.7	43.0	42.0	42.6	43.0	43.6
1980	49.5	43.5	44.5	45.5	46.7	47.5	49.9	51.5	52.1	52.0	52.7	53.5	54.6
1981	63.1	55.6	56.9	58.2	59.8	60.9	64.0	66.0	66.7	66.1	66.7	67.6	68.5
1982		68.6	68.9										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	86.8	83.5	82.8	83.8	84.0	84.7	88.3	90.2	90.3	88.4	88.5	88.6	88.2
1978	90.1	88.4	88.4	88.9	88.7	89.0	93.2	92.9	92.8	89.9	89.2	89.8	90.2
1979	94.2	91.7	92.4	92.0	91.7	92.2	96.0	96.9	96.9	94.3	94.7	95.3	96.2
1980	103.7	97.1	95.5	96.0	99.7	102.9	107.9	110.1	109.4	106.1	106.1	106.2	107.4
1981	115.4	107.4	107.8	109.0	109.5	112.4	119.0	122.3	121.9	118.5	118.4	119.2	119.7
1982		119.1	119.5										

PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	295.71	291.18	290.28	282.40	296.31	291.40	293.45	296.23	290.90	302.85	300.35	299.62	307.23
1978	334.08	330.49	335.12	324.31	337.26	324.75	330.42	341.90	327.22	345.24	336.58	337.81	342.79
1979	363.49	359.55	363.21	353.57	371.28	358.44	360.71	360.04	356.38	372.49	358.50	375.42	375.74
1980	398.67	379.76	382.99	394.56	400.89	393.01	399.84	400.73	393.46	406.64	403.91	410.02	418.91
1981	450.36	440.37	440.18	440.43	447.07	449.11	443.64	450.01	445.54	464.70	452.77	461.20	465.51
1982		490.45	484.45										

PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	7.16	6.90	7.08	6.99	7.14	7.09	7.14	7.19	7.13	7.28	7.29	7.29	7.35
1978	8.05	7.85	7.96	7.91	8.03	7.94	8.02	8.16	8.02	8.22	8.13	8.14	8.26
1979	8.78	8.48	8.71	8.73	8.84	8.70	8.65	8.76	8.65	8.89	8.83	8.96	9.12
1980	9.70	9.24	9.41	9.60	9.66	9.68	9.80	9.75	9.62	9.87	9.78	9.88	10.07
1981	10.80	10.51	10.71	10.69	10.67	10.77	10.69	10.74	10.71	10.96	10.91	11.06	11.11
1982		11.54	11.73										

PRODUCTION-WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	41.3	42.2	41.0	40.4	41.5	41.1	41.1	41.2	40.8	41.6	41.2	41.1	41.8
1978	41.5	42.1	42.1	41.0	42.0	40.9	41.2	41.9	40.8	42.0	41.4	41.5	41.5
1979	41.4	42.4	41.7	40.5	42.0	41.2	41.7	41.1	41.2	41.9	40.6	41.9	41.2
1980	41.1	41.1	40.7	41.1	41.5	40.6	40.8	41.1	40.9	41.2	41.3	41.5	41.6
1981	41.7	41.9	41.1	41.2	41.9	41.7	41.5	41.9	41.6	42.4	41.5	41.7	41.9
1982		42.5	41.3										

SIC 138—OIL AND GAS FIELD SERVICES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	211.4	194.6	196.3	197.8	201.2	206.3	215.9	216.2	218.6	220.2	220.9	223.2	225.2
1978	246.7	228.4	229.1	235.5	236.7	242.1	250.2	253.0	256.7	255.7	256.1	258.1	259.3
1979	276.0	261.0	263.3	263.6	260.9	267.9	275.4	279.0	283.8	285.5	289.2	289.2	292.8
1980	333.6	296.4	302.4	305.9	311.0	325.4	338.3	341.6	347.8	350.6	356.1	361.9	368.6
1981	421.5	379.6	383.4	390.2	400.1	411.0	424.7	430.2	441.2	444.9	445.4	451.6	455.7
1982		457.5	455.8										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	15.3	14.3	14.2	14.4	14.1	14.4	15.2	15.4	15.8	16.0	16.1	16.6	16.8
1978	19.0	17.4	17.5	17.3	17.7	18.0	18.7	19.2	19.7	20.2	20.4	20.7	20.9
1979	23.1	21.1	21.5	22.6	22.7	22.9	23.4	23.7	24.4	23.6	23.4	24.2	23.9
1980	26.6	23.9	24.6	25.0	25.0	25.7	26.2	27.0	27.9	28.2	28.1	28.8	29.2
1981	35.9	29.7	31.3	32.2	32.5	35.2	36.2	37.0	38.3	38.7	39.2	40.2	40.7
1982		40.2	41.2										

See footnotes at end of tables.

SIC 138—OIL AND GAS FIELD SERVICES (Con.)

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	179.7	165.6	166.9	168.8	171.3	175.6	184.3	184.1	186.1	187.1	187.2	188.9	191.0
1978	209.0	192.9	193.5	199.1	200.9	205.7	212.0	214.2	217.1	216.7	217.3	218.9	219.8
1979	233.1	220.8	222.8	222.0	218.9	226.0	232.6	236.1	240.4	241.5	244.2	244.7	247.2
1980	285.0	251.7	256.3	259.1	263.0	277.0	289.3	291.6	298.1	300.5	306.5	310.6	316.5
1981	362.8	326.5	330.5	336.4	344.6	354.9	366.0	370.7	379.8	382.4	382.8	387.8	391.3
1982		322.0	389.1										

PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	279.65	261.36	271.19	274.43	274.43	275.62	279.13	279.19	282.40	284.43	291.22	290.78	289.54
1978	308.03	286.12	290.20	300.80	304.44	303.83	305.79	303.45	311.14	317.04	323.74	317.16	321.54
1979	334.70	311.35	319.37	322.54	320.32	320.29	330.86	328.55	338.65	342.62	350.15	356.32	363.44
1980	386.81	366.42	370.80	373.18	368.88	371.54	382.11	383.87	389.16	393.59	404.03	404.59	415.29
1981	427.75	419.76	407.66	418.53	424.12	424.10	421.31	426.82	429.52	421.79	440.72	446.00	451.18
1982		436.80	445.96										

PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	6.04	5.86	5.87	5.94	5.94	5.94	5.99	6.03	6.06	6.13	6.17	6.20	6.24
1978	6.61	6.33	6.35	6.40	6.45	6.52	6.52	6.64	6.62	6.76	6.83	6.85	6.90
1979	7.34	7.06	7.05	7.12	7.28	7.23	7.32	7.35	7.33	7.40	7.45	7.63	7.70
1980	8.23	7.88	7.94	7.94	7.95	7.99	8.13	8.15	8.28	8.41	8.56	8.59	8.67
1981	9.14	8.95	8.94	9.02	9.20	9.14	9.08	9.12	9.10	9.11	9.22	9.35	9.38
1982		9.60	9.57										

PRODUCTION-WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	46.3	44.6	46.2	46.2	46.2	46.4	46.6	46.3	46.6	46.4	47.2	46.9	46.4
1978	46.6	45.2	45.7	47.0	47.2	46.6	46.9	45.7	47.0	46.9	47.4	46.3	46.6
1979	45.6	44.1	45.3	45.3	44.0	44.3	45.2	44.7	46.2	46.3	47.0	46.7	47.2
1980	47.0	46.5	46.7	47.0	46.4	46.5	47.0	47.1	47.0	46.8	47.2	47.1	47.9
1981	46.8	46.9	45.6	46.4	46.1	46.4	46.4	46.8	47.2	46.3	47.8	47.7	48.1
1982		45.5	46.6										

SIC 14—NONMETALLIC MINERALS, EXCEPT FUELS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	115.9	102.7	103.8	109.1	115.1	118.6	122.1	122.7	122.9	121.5	120.6	118.9	113.3
1978	118.5	106.6	106.6	109.8	117.5	120.5	124.0	125.4	124.8	123.5	123.4	122.4	117.9
1979	123.8	110.7	111.7	116.7	121.4	125.2	129.1	130.0	130.6	130.0	129.4	127.3	123.6
1980	122.7	117.2	116.0	119.5	123.0	126.5	127.9	126.7	125.5	124.9	124.0	122.7	118.6
1981	119.0	110.4	110.4	114.1	119.6	123.0	124.3	124.3	124.1	123.5	121.7	119.1	112.9
1982		102.1	102.6										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	7.3	6.7	6.8	6.9	7.2	7.3	7.7	7.7	7.7	7.6	7.5	7.6	7.4
1978	7.8	7.2	7.1	7.3	7.7	7.7	8.0	8.2	8.2	8.0	8.1	8.1	8.2
1979	9.0	8.0	7.9	8.2	8.5	8.9	9.0	9.4	9.5	9.6	9.6	9.6	9.4
1980	9.5	9.2	9.2	9.3	9.5	9.7	9.7	9.6	9.9	9.6	9.6	9.7	9.4
1981	10.0	9.6	9.5	9.7	9.8	10.1	10.3	10.3	10.2	10.1	10.1	10.1	9.8
1982		9.3	9.3										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	91.7	79.3	80.4	85.4	91.4	94.3	97.7	98.1	98.1	97.0	95.7	94.1	89.4
1978	94.1	83.2	82.5	85.9	92.9	96.0	99.1	100.3	99.9	99.2	98.8	97.7	93.5
1979	98.3	86.6	87.3	92.4	96.9	100.0	103.0	103.5	104.2	103.7	103.2	101.3	97.4
1980	95.9	90.8	90.3	93.4	96.1	99.3	100.2	100.0	98.4	97.9	96.7	95.5	91.8
1981	91.0	83.5	83.6	86.7	91.9	94.7	95.9	95.8	95.7	95.3	93.3	90.8	85.2
1982		74.6	75.3										

SIC 14—NONMETALLIC MINERALS, EXCEPT FUELS (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	259.13	224.62	239.21	240.35	252.90	258.78	267.14	268.25	267.27	271.35	272.85	269.70	262.04
1978	282.58	234.78	252.60	262.51	276.20	279.28	293.42	296.33	299.46	299.38	302.89	298.79	293.04
1979	310.50	272.24	282.48	294.59	302.62	310.52	329.47	316.68	320.86	320.45	324.72	324.95	320.18
1980	327.82	300.48	305.15	314.79	316.42	321.47	324.95	329.16	335.16	342.88	345.20	347.16	347.25
1981	356.47	343.36	332.50	343.63	349.49	350.78	354.32	360.32	366.68	364.23	370.20	365.51	369.79
1982		347.01	365.09										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.81	5.56	5.55	5.50	5.62	5.70	5.82	5.87	5.95	5.99	6.01	6.02	6.01
1978	6.33	6.02	6.00	6.03	6.14	6.22	6.31	6.38	6.44	6.44	6.53	6.58	6.60
1979	6.98	6.56	6.60	6.62	6.77	6.78	6.96	6.96	6.99	7.04	7.11	7.11	7.15
1980	7.52	7.07	7.18	7.23	7.30	7.39	7.47	7.55	7.67	7.74	7.80	7.85	7.91
1981	8.29	8.06	8.09	8.01	8.09	8.12	8.24	8.31	8.41	8.49	8.52	8.52	8.56
1982		8.99	8.84										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	44.6	40.4	43.2	43.7	45.0	45.4	45.9	45.7	45.2	45.3	45.4	44.8	43.6
1978	44.6	39.0	42.1	43.7	45.0	44.9	46.5	46.4	46.5	46.2	46.1	45.7	44.4
1979	45.0	41.5	42.8	44.5	44.7	45.8	46.3	45.5	45.9	45.6	45.6	45.6	45.2
1980	43.6	42.5	42.5	43.6	43.5	43.5	43.5	43.6	43.7	44.3	44.2	44.1	43.9
1981	43.0	42.6	41.1	42.9	43.2	43.2	43.0	43.6	43.6	42.9	43.4	42.9	43.2
1982		38.6	41.3										

SIC 142—CRUSHED AND BROKEN STONE

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	39.3	33.1	33.8	35.1	39.7	41.3	42.5	42.4	42.1	41.6	41.4	40.3	37.4
1978	39.2	34.1	33.4	34.9	38.8	40.4	41.8	42.3	42.1	41.7	41.4	41.0	38.9
1979	41.1	35.7	36.4	39.1	41.0	42.6	43.5	43.3	43.4	43.0	42.9	42.3	40.4
1980	39.7	37.6	36.7	38.5	40.7	41.6	42.3	41.2	40.5	40.3	40.0	39.3	37.4
1981	37.0	33.4	33.4	34.8	38.0	39.2	39.2	39.1	38.9	38.7	38.0	37.1	34.2
1982		28.6	29.0										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	2.2	2.1	2.1	2.2	2.2	2.2	2.3	2.3	2.3	2.3	2.3	2.3	2.3
1978	2.4	2.2	2.1	2.2	2.3	2.3	2.4	2.5	2.5	2.5	2.5	2.5	2.5
1979	2.7	2.4	2.4	2.5	2.6	2.7	2.7	2.8	2.8	2.7	2.8	2.8	2.7
1980	2.7	2.6	2.5	2.6	2.7	2.8	2.7	2.8	2.8	2.7	2.7	2.6	2.5
1981	2.7	2.6	2.6	2.6	2.7	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7
1982		2.6	2.5										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	32.6	26.4	27.1	29.5	33.1	34.5	35.7	35.8	35.3	34.7	34.5	33.4	30.8
1978	32.8	27.9	27.2	28.6	32.3	33.5	35.2	35.7	35.7	35.3	35.0	34.5	32.5
1979	34.5	29.3	30.0	32.5	34.4	36.0	36.8	36.5	36.5	36.2	36.3	35.5	33.5
1980	33.0	30.8	30.2	31.9	33.7	34.6	35.1	34.8	34.1	33.6	33.3	32.7	30.8
1981	30.1	26.8	26.6	28.0	31.1	32.3	32.1	32.1	31.9	31.7	31.1	30.2	27.3
1982		21.7	22.1										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	253.45	205.29	229.84	232.82	249.40	262.42	264.84	266.92	265.88	264.36	269.56	262.48	250.13
1978	276.76	224.91	235.13	252.88	271.20	275.12	291.04	295.30	299.08	301.11	302.10	295.78	284.58
1979	308.52	255.85	266.25	291.52	289.01	306.54	313.22	316.24	323.61	322.36	317.09	311.20	318.45
1980	317.90	294.81	298.41	305.96	314.75	312.49	317.90	321.33	325.02	324.72	328.41	331.52	334.60
1981	342.56	332.75	302.89	328.75	335.35	339.82	343.94	350.32	353.90	351.60	355.88	355.93	358.39
1982		312.20	343.60										

SIC 142—CRUSHED AND BROKEN STONE (Con.)

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.67	5.36	5.37	5.34	5.53	5.68	5.72	5.79	5.78	5.81	5.86	5.82	5.75
1978	6.14	5.84	5.82	5.80	5.90	6.00	6.06	6.14	6.23	6.27	6.26	6.32	6.33
1979	6.62	6.21	6.25	6.36	6.48	6.55	6.65	6.70	6.77	6.83	6.79	6.79	6.79
1980	7.18	6.67	6.88	6.84	7.01	7.07	7.16	7.27	7.37	7.33	7.36	7.42	7.44
1981	7.93	7.56	7.61	7.61	7.71	7.83	7.98	7.98	8.08	8.12	8.20	8.22	8.09
1982		8.53	8.36										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	44.7	38.3	42.9	43.6	45.1	46.2	46.3	46.1	46.0	45.5	46.0	45.1	43.5
1978	45.4	36.8	40.4	43.6	45.2	45.4	47.8	47.8	47.7	48.1	47.6	48.6	45.1
1979	46.0	41.2	42.6	45.6	44.6	46.8	47.1	47.7	47.8	47.2	46.7	45.9	46.9
1980	44.4	44.2	43.5	44.4	44.9	44.1	44.4	44.2	44.1	44.3	44.5	44.4	45.0
1981	43.2	42.5	39.8	43.2	43.5	43.4	43.1	43.9	43.8	43.3	43.4	43.3	44.3
1982		38.6	41.1										

SIC 144—SAND AND GRAVEL

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	34.5	29.0	29.3	31.7	33.9	35.4	36.9	37.5	37.5	36.9	36.6	36.2	33.4
1978	36.2	30.5	30.7	32.1	33.6	37.0	38.7	39.4	39.2	38.5	38.6	38.0	35.6
1979	38.0	32.1	32.6	34.3	36.7	38.8	41.0	41.8	41.3	41.0	40.6	39.2	36.9
1980	36.1	33.9	33.4	34.4	35.4	37.6	38.2	38.2	37.7	37.3	37.6	36.3	33.5
1981	33.9	30.7	29.9	31.8	33.8	35.6	36.1	36.5	36.1	36.0	35.7	34.6	31.0
1982		26.9	26.8										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	2.2	1.9	2.0	2.0	2.1	2.2	2.4	2.4	2.5	2.3	2.4	2.4	2.2
1978	2.4	2.1	2.1	2.1	2.4	2.4	2.6	2.6	2.6	2.5	2.5	2.5	2.5
1979	2.9	2.5	2.4	2.6	2.8	2.9	3.0	3.1	3.1	3.2	3.1	3.0	2.9
1980	3.1	3.0	3.0	3.0	3.1	3.2	3.2	3.1	3.2	3.2	3.2	3.1	3.1
1981	3.1	3.0	2.9	3.1	3.1	3.2	3.3	3.3	3.2	3.2	3.2	3.2	3.0
1982		2.7	2.8										

SIC 147—CHEMICAL AND FERTILIZER MINERALS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	23.4	23.0	23.2	23.2	22.9	23.0	23.4	23.5	23.7	23.7	23.6	23.7	23.8
1978	23.9	23.8	24.0	23.8	23.6	23.5	23.7	23.9	23.7	23.9	24.1	24.2	24.3
1979	25.0	24.0	24.2	24.4	24.4	24.4	24.9	25.1	25.7	25.6	25.5	25.9	26.0
1980	26.7	26.0	26.2	26.3	26.4	26.7	26.8	26.9	26.8	26.8	26.8	27.0	27.1
1981	27.3	27.0	27.2	27.2	27.2	27.5	27.7	27.9	27.7	27.5	27.4	27.1	26.7
1982		26.8	26.7										

See footnotes at end of tables.

CONSTRUCTION

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3,851	3,192	3,248	3,430	3,673	3,855	4,051	4,151	4,211	4,186	4,173	4,101	3,939
1978	4,229	3,445	3,518	3,733	4,068	4,229	4,473	4,579	4,632	4,578	4,585	4,495	4,302
1979	4,463	3,668	3,835	4,093	4,261	4,489	4,691	4,791	4,836	4,770	4,754	4,655	4,488
1980	4,346	4,141	4,050	4,087	4,204	4,348	4,464	4,505	4,563	4,518	4,540	4,444	4,270
1981	4,176	3,885	3,795	3,934	4,128	4,235	4,350	4,415	4,431	4,366	4,340	4,221	4,009
1982		3,576	3,559										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	304	285	286	287	291	297	308	312	314	314	316	316	317
1978	331	317	318	322	325	329	337	340	341	338	339	336	334
1979	354	332	333	337	342	349	361	367	369	368	367	368	366
1980	373	364	363	367	366	367	371	374	378	376	377	378	378
1981	380	368	367	370	375	378	387	391	391	387	384	382	379
1982		376	373										

CONSTRUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3,021	2,407	2,461	2,634	2,872	3,040	3,212	3,297	3,356	3,326	3,315	3,248	3,082
1978	3,354	2,700	2,667	2,873	3,199	3,352	3,578	3,680	3,740	3,697	3,708	3,619	3,429
1979	3,565	3,020	2,970	3,218	3,379	3,598	3,760	3,877	3,922	3,858	3,841	3,738	3,576
1980	3,421	3,228	3,153	3,162	3,295	3,430	3,541	3,574	3,627	3,604	3,605	3,506	3,337
1981	3,250	2,970	2,884	3,021	3,210	3,311	3,404	3,469	3,489	3,436	3,412	3,300	3,091
1982		2,664	2,660										

CONSTRUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	285.65	271.68	269.38	269.36	291.77	294.09	296.37	300.27	299.26	303.14	308.39	298.19	299.27
1978	318.69	276.55	286.22	304.06	309.96	312.68	324.60	330.05	331.25	333.36	337.31	324.85	356.00
1979	342.99	311.95	320.57	333.53	321.82	341.30	347.32	350.03	355.85	361.76	357.77	348.07	365.39
1980	367.78	334.29	342.72	349.69	355.62	361.86	372.78	374.98	376.24	387.60	390.26	378.96	417.75
1981	398.52	361.79	366.80	390.90	387.39	391.09	395.41	407.86	408.41	396.31	419.62	414.78	
1982		385.90	406.39										

CONSTRUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	8.10	8.02	7.91	7.95	7.95	7.97	8.01	8.05	8.11	8.26	8.29	8.26	8.29
1978	8.66	8.35	8.33	8.40	8.40	8.52	8.57	8.64	8.74	8.89	8.90	8.90	8.94
1979	9.27	8.99	9.03	8.99	9.04	9.15	9.14	9.26	9.34	9.52	9.49	9.51	9.57
1980	9.94	9.47	9.60	9.66	9.69	9.78	9.81	9.92	10.06	10.20	10.27	10.27	10.36
1981	10.80	10.46	10.45	10.48	10.47	10.57	10.64	10.79	10.92	11.07	11.16	11.18	11.26
1982		11.59	11.32										

CONSTRUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	36.5	33.9	36.4	36.4	36.7	36.9	37.0	37.3	36.9	36.7	37.2	36.1	36.1
1978	36.8	33.0	34.6	36.2	35.9	36.7	37.9	38.2	37.9	37.5	37.9	36.5	37.1
1979	37.0	34.7	35.5	37.1	35.6	37.3	38.0	37.8	38.1	38.0	37.7	36.6	37.2
1980	37.0	35.3	35.7	36.2	36.7	37.0	38.0	37.8	37.4	38.0	38.0	36.9	37.2
1981	36.9	36.5	35.1	37.3	37.0	37.0	37.2	37.8	37.4	35.8	37.6	37.1	37.1
1982		33.3	35.9										

See footnotes at end of tables.

SIC 15—GENERAL BUILDING CONTRACTORS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	1,108.4	920.1	930.8	971.8	1,042.9	1,096.4	1,164.5	1,203.5	1,221.1	1,209.5	1,201.2	1,181.4	1,158.0
1978	1,228.5	1,057.5	1,041.2	1,091.0	1,164.1	1,212.2	1,292.3	1,333.0	1,343.5	1,316.8	1,320.6	1,303.8	1,246.4
1979	1,272.0	1,136.5	1,103.9	1,167.9	1,215.4	1,276.9	1,342.8	1,368.9	1,382.5	1,350.8	1,334.0	1,312.3	1,272.3
1980	1,173.0	1,173.3	1,124.7	1,123.1	1,132.2	1,159.8	1,166.3	1,201.6	1,220.9	1,205.4	1,205.6	1,185.5	1,155.9
1981	1,086.6	1,037.7	1,010.7	1,040.2	1,079.6	1,098.7	1,131.7	1,155.6	1,149.1	1,124.8	1,111.0	1,074.8	1,025.2
1982		922.3	936.2										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	107.2	98.4	98.6	96.7	99.7	102.4	108.1	110.8	112.3	114.1	114.3	114.4	116.6
1978	121.9	118.1	118.3	119.9	121.1	121.9	125.2	125.4	124.7	123.3	122.8	121.2	120.9
1979	128.5	121.3	122.0	121.5	123.8	125.7	129.1	132.9	133.4	132.9	132.2	133.5	133.6
1980	128.9	130.5	129.5	131.3	127.8	125.6	125.7	127.0	129.1	128.4	129.8	130.1	132.6
1981	127.6	126.5	126.3	127.0	127.9	127.3	130.2	130.8	131.1	128.0	126.3	125.1	124.8
1982		122.7	121.1										

CONSTRUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	665.4	694.5	705.7	746.0	814.5	865.1	921.9	955.8	969.2	954.5	942.9	921.5	892.9
1978	954.8	790.3	775.0	821.6	911.1	938.8	1,010.3	1,051.0	1,064.0	1,041.2	1,049.6	1,031.3	973.6
1979	988.7	861.3	831.0	892.7	937.7	996.2	1,054.0	1,080.5	1,092.1	1,060.8	1,047.5	1,024.6	985.7
1980	899.7	896.9	847.1	846.1	861.5	891.9	922.0	931.5	947.2	933.0	932.1	908.9	878.2
1981	817.6	766.9	739.7	769.8	809.5	829.4	855.6	881.1	875.9	857.3	846.9	813.3	785.4
1982		664.3	651.1										

CONSTRUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	272.98	248.98	267.55	271.21	272.30	269.00	272.32	272.69	275.60	281.33	283.73	277.92	275.71
1978	296.40	252.67	267.88	278.04	278.88	278.32	287.25	292.50	295.29	294.28	300.20	293.81	295.56
1979	309.16	282.54	290.64	304.19	293.91	307.66	310.62	312.54	316.96	324.06	320.84	314.52	323.39
1980	332.84	303.80	312.22	317.35	324.54	331.59	338.19	339.84	339.41	347.23	349.81	342.09	346.89
1981	354.24	342.72	329.21	348.84	345.48	347.51	350.30	360.39	359.63	353.50	369.38	369.10	371.71
1982		341.39	366.01										

CONSTRUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	7.52	7.41	7.31	7.41	7.44	7.39	7.40	7.41	7.53	7.75	7.71	7.72	7.68
1978	8.00	7.68	7.72	7.81	7.79	7.84	7.87	7.97	8.09	8.22	8.27	8.23	8.21
1979	8.61	8.31	8.40	8.38	8.47	8.57	8.51	8.61	8.66	8.83	8.79	8.81	8.86
1980	9.22	8.73	8.87	8.99	9.04	9.16	9.19	9.26	9.35	9.41	9.48	9.45	9.53
1981	9.84	9.60	9.57	9.61	9.57	9.68	9.65	9.82	9.88	10.10	10.12	10.14	10.24
1982		10.44	10.31										

CONSTRUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	36.1	33.6	36.6	36.6	36.6	36.4	36.8	36.8	36.6	36.3	36.8	36.0	35.9
1978	35.8	32.9	34.7	35.6	35.8	35.5	36.5	36.7	36.5	35.8	36.3	35.7	36.0
1979	35.9	34.0	34.6	36.3	34.7	35.9	36.5	36.3	36.6	36.7	36.5	35.7	36.5
1980	36.1	34.8	35.2	35.3	35.9	36.2	36.8	36.7	36.3	36.9	36.9	36.2	36.4
1981	36.0	35.7	34.4	36.3	36.1	35.9	36.3	36.7	36.4	35.0	36.5	36.4	36.3
1982		32.7	35.5										

SIC 152—RESIDENTIAL BUILDING CONSTRUCTION

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	578.1	469.2	474.3	493.0	542.0	572.7	615.8	635.5	643.6	639.3	625.8	616.1	609.3
1978	637.3	557.3	544.5	564.7	617.2	631.8	672.9	696.3	701.8	680.8	680.4	666.9	633.0
1979	625.1	571.4	543.6	574.6	599.5	634.1	667.3	676.8	684.8	658.3	644.8	632.5	614.0
1980	554.3	565.5	539.0	531.2	525.8	537.2	554.6	565.3	574.6	569.1	573.9	563.1	551.7
1981	513.5	479.5	467.5	477.9	510.9	525.6	544.8	558.6	549.0	537.2	526.4	505.9	478.7
1982		426.7	416.7										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	62.5	56.1	56.4	54.4	57.0	58.9	63.2	65.0	66.7	67.9	67.2	67.3	69.7
1978	72.6	71.4	71.2	72.3	73.4	73.7	75.6	75.1	74.7	72.7	71.9	69.6	69.5
1979	73.5	69.2	69.1	68.6	70.5	71.5	73.5	76.6	76.6	76.4	75.9	76.7	77.3
1980	73.9	75.4	75.2	77.0	73.8	71.6	71.1	72.7	74.0	73.2	73.0	73.5	76.2
1981	72.1	70.5	70.3	70.4	71.6	71.4	74.0	74.5	75.7	73.2	71.7	71.0	71.0
1982		69.0	67.7										

CONSTRUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	443.1	343.3	349.6	369.0	415.0	446.7	481.9	498.5	503.6	496.8	481.9	471.3	459.7
1978	485.1	405.9	394.5	412.7	463.1	477.2	514.0	537.8	545.6	529.0	533.0	520.8	487.3
1979	472.7	424.5	397.9	429.2	450.6	483.8	509.8	521.1	527.3	501.5	489.9	477.5	459.1
1980	407.8	413.3	385.7	378.3	380.0	394.5	414.6	421.4	429.1	424.6	429.9	417.8	404.8
1981	372.0	339.8	327.0	338.4	370.6	384.5	398.0	412.5	403.4	394.1	385.8	368.0	342.3
1982		292.9	283.7										

CONSTRUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	258.46	234.57	251.49	253.04	260.51	251.59	259.00	258.70	262.02	266.79	269.37	262.07	262.80
1978	270.56	242.48	251.81	261.64	264.54	262.63	275.23	276.33	279.36	277.89	284.40	280.96	276.32
1979	292.99	266.90	273.82	287.65	281.42	295.35	296.66	294.02	299.99	305.65	300.96	294.14	304.68
1980	311.50	286.35	287.09	294.98	301.66	315.51	320.25	317.26	320.05	325.97	327.06	316.66	321.47
1981	322.85	318.29	304.99	319.31	318.44	319.82	319.85	327.25	322.73	319.33	334.65	334.95	332.28
1982		312.26	331.30										

CONSTRUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	7.12	6.94	6.89	6.99	7.06	6.95	7.00	7.03	7.12	7.37	7.30	7.30	7.30
1978	7.60	7.26	7.32	7.37	7.41	7.44	7.52	7.55	7.76	7.85	7.90	7.87	7.74
1979	8.23	7.92	8.03	8.08	8.11	8.25	8.15	8.19	8.31	8.42	8.36	8.38	8.44
1980	8.75	8.30	8.37	8.55	8.57	8.74	8.75	8.74	8.94	8.98	9.01	8.92	9.03
1981	9.12	9.12	9.05	9.02	8.97	9.06	8.86	9.04	9.04	9.31	9.27	9.33	9.36
1982		9.52	9.52										

CONSTRUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	36.3	33.8	36.5	36.2	36.9	36.2	37.0	36.8	36.8	36.2	36.9	35.9	36.0
1978	35.6	33.4	34.4	35.5	35.7	35.3	36.6	36.6	36.0	35.4	36.0	35.7	35.7
1979	35.6	33.7	34.1	35.6	34.7	35.8	36.4	35.9	36.1	36.3	36.0	35.1	36.1
1980	35.6	34.5	34.3	34.5	35.2	36.1	36.6	36.3	35.8	36.3	36.3	35.5	35.6
1981	35.4	34.9	33.7	35.4	35.5	35.3	36.1	36.2	35.7	34.3	36.1	35.9	35.5
1982		32.8	31.8										

SIC 153—OPERATIVE BUILDERS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	75.4	64.5	67.5	69.4	72.4	75.0	78.9	80.3	81.0	80.3	78.6	76.9	77.4
1978	81.9	73.6	77.8	76.4	80.6	81.7	86.1	86.3	86.7	85.5	84.2	84.7	83.9
1979	83.3	77.6	77.3	80.5	82.5	84.4	89.4	88.9	87.0	86.1	84.7	82.5	78.6
1980	66.6	73.1	71.1	68.3	65.4	64.4	64.9	66.1	66.2	65.1	65.5	65.0	64.3
1981	60.2	62.4	61.2	62.0	62.8	63.1	63.5	62.3	61.8	59.5	57.3	53.8	52.3
1982		50.9	49.3										

See footnotes at end of tables.

SIC 153—OPERATIVE BUILDERS (Con.)

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	15.0	13.6	13.9	14.0	14.2	14.6	15.1	15.6	15.3	15.7	15.9	16.1	16.0
1978	16.6	15.9	16.1	16.3	16.3	16.4	17.0	16.8	16.9	17.2	16.9	17.0	16.9
1979	17.3	16.9	17.4	17.2	17.2	17.0	17.9	17.8	17.4	17.4	17.0	17.3	16.7
1980	14.5	16.0	15.6	14.9	14.3	13.9	13.9	13.8	13.9	14.1	14.4	14.6	14.6
1981	14.7	14.7	15.0	15.1	15.2	15.1	14.9	14.6	14.5	14.5	14.4	14.1	13.9
1982		14.1	14.7										

CONSTRUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	53.8	48.6	50.1	51.3	53.8	54.1	57.4	57.5	57.5	56.2	53.9	53.3	52.0
1978	54.3	46.0	46.8	49.6	53.5	54.9	58.1	58.0	58.0	56.9	56.5	56.1	54.8
1979	53.9	50.0	49.7	51.7	53.7	55.4	59.4	58.7	56.7	55.3	54.3	52.4	48.9
1980	39.8	45.8	43.8	41.9	39.4	38.5	38.9	38.8	39.3	38.5	38.4	37.3	36.6
1981	33.1	34.3	32.9	33.5	33.5	34.5	35.5	35.2	34.6	33.5	32.7	29.5	27.6
1982		25.7	24.4										

CONSTRUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	236.79	222.10	233.49	233.41	231.76	233.33	230.16	238.20	238.60	248.47	248.43	244.24	240.44
1978	249.92	225.96	235.29	245.27	259.52	243.59	246.68	257.42	262.17	259.15	259.19	247.37	253.34
1979	267.71	238.63	249.24	264.44	251.20	261.45	266.76	270.65	276.74	278.99	281.78	282.46	290.86
1980	289.08	263.64	266.60	278.75	291.69	291.70	291.40	288.72	292.94	304.67	308.47	299.39	302.50
1981	301.08	300.71	284.41	300.46	305.28	304.56	303.00	314.71	305.28	305.59	303.81	293.23	292.74
1982		299.59	292.92										

CONSTRUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	6.67	6.61	6.45	6.43	6.51	6.61	6.52	6.58	6.74	6.95	6.92	6.88	6.85
1978	7.04	6.91	6.90	7.13	7.11	6.94	6.74	6.92	7.01	7.10	7.24	7.17	7.28
1979	7.52	7.32	7.44	7.47	7.41	7.47	7.41	7.56	7.36	7.52	7.72	7.76	7.84
1980	8.03	7.80	7.75	8.01	8.08	7.97	7.94	7.91	8.07	8.19	8.27	8.18	8.22
1981	8.41	8.33	8.22	8.30	8.41	8.39	8.44	8.46	8.41	8.56	8.51	8.26	8.61
1982		8.89	8.59										

CONSTRUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	35.5	33.6	36.2	36.3	35.6	35.3	35.3	36.2	35.4	35.7	35.9	35.5	35.1
1978	35.5	32.7	34.1	34.4	36.5	35.1	36.6	37.2	37.4	36.5	35.8	34.5	34.8
1979	35.6	32.6	33.5	35.4	33.9	35.0	36.0	35.8	37.6	37.1	36.5	36.4	37.1
1980	36.0	33.8	34.4	34.8	36.1	35.6	36.7	36.5	36.3	37.2	37.3	36.6	36.8
1981	35.8	36.1	34.6	36.2	36.3	36.3	35.9	37.2	36.3	35.7	35.7	35.5	34.0
1982		33.7	34.1										

SIC 154—NONRESIDENTIAL BUILDING CONSTRUCTION

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	455.0	386.4	389.0	409.4	428.5	448.7	469.8	487.7	496.5	489.9	496.8	486.4	471.3
1978	509.4	426.6	423.9	449.9	486.2	498.7	533.3	550.4	555.0	550.5	556.0	552.2	529.5
1979	563.6	487.5	483.0	512.8	533.4	558.4	595.1	603.2	610.7	606.4	604.5	597.3	579.7
1980	552.2	534.7	514.6	523.6	541.0	556.2	568.8	570.2	580.1	571.2	566.2	557.4	539.9
1981	512.9	495.8	482.0	500.3	505.9	510.0	523.4	534.7	538.3	528.1	527.3	515.1	494.2
1982		444.7	440.2										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	29.7	28.7	28.3	28.3	28.5	28.9	29.8	30.2	30.3	30.5	31.2	31.0	30.9
1978	32.7	30.8	31.0	31.3	31.4	31.8	32.6	33.5	33.1	33.4	34.0	34.6	34.5
1979	37.7	35.2	35.5	35.7	36.1	37.2	37.7	38.5	39.4	39.1	39.3	39.5	39.6
1980	40.5	39.1	38.7	39.4	39.7	40.1	40.7	40.5	41.2	41.1	41.4	42.0	41.8
1981	40.8	41.3	41.0	41.5	41.1	40.8	41.3	41.5	40.9	40.3	40.2	40.0	39.9
1982		39.6	39.2										

SIC 154—NONRESIDENTIAL BUILDING CONSTRUCTION (Con.)

CONSTRUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	368.5	302.6	306.0	325.7	345.7	364.3	382.6	399.8	408.1	401.5	407.1	396.9	381.2
1978	415.5	336.4	333.7	359.3	394.5	406.7	438.2	455.2	460.4	455.3	460.1	454.4	431.5
1979	462.1	386.8	383.4	411.8	433.4	457.0	484.8	500.7	508.1	504.0	503.3	494.7	477.7
1980	452.1	437.8	417.6	425.9	442.1	458.9	468.5	471.3	478.6	469.9	463.8	453.7	436.8
1981	412.4	392.8	379.8	397.9	405.4	410.4	422.1	433.4	437.9	429.7	428.4	415.8	395.5
1982		345.7	343.0										

CONSTRUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

1977	295.93	268.26	291.03	297.48	293.10	294.70	295.14	296.00	297.92	304.51	304.61	301.55	296.53
1978	308.52	268.74	292.16	301.56	298.33	301.44	307.58	316.97	317.71	317.88	323.33	315.20	323.54
1979	331.97	305.33	312.93	326.99	313.05	327.25	331.03	337.09	339.84	348.00	344.28	337.75	344.08
1980	355.75	323.97	339.70	340.56	346.53	349.21	357.19	364.32	360.39	370.26	375.00	370.48	373.97
1981	386.17	365.98	353.85	378.42	372.95	377.78	381.84	396.55	398.83	387.66	405.90	403.33	410.70
1982		369.68	400.01										

CONSTRUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

1977	8.13	8.08	7.93	8.04	8.03	8.03	8.02	8.00	8.14	8.32	8.30	8.31	8.26
1978	8.57	8.32	8.30	8.40	8.31	8.42	8.45	8.59	8.61	8.78	8.81	8.78	8.84
1979	9.12	8.85	8.89	8.79	8.97	9.04	9.02	9.16	9.16	9.38	9.33	9.33	9.35
1980	9.72	9.23	9.41	9.46	9.52	9.62	9.68	9.82	9.82	9.90	10.00	10.04	10.08
1981	10.58	10.11	10.11	10.20	10.19	10.35	10.49	10.66	10.75	10.92	11.00	10.96	11.07
1982		11.34	11.05										

CONSTRUCTION WORKER AVERAGE WEEKLY HOURS

1977	36.4	33.2	36.7	37.0	36.5	36.7	36.8	37.0	36.6	36.6	36.7	36.2	35.9
1978	36.0	32.3	35.2	35.9	35.9	35.8	36.4	36.9	36.9	36.2	36.7	35.9	36.6
1979	36.4	34.5	35.2	37.2	34.9	36.2	36.7	36.8	37.1	37.1	36.9	36.2	36.8
1980	35.6	35.1	36.1	36.0	36.4	36.3	36.9	37.1	36.7	37.4	37.5	36.9	37.1
1981	36.5	36.2	35.0	37.1	36.6	36.5	36.4	37.2	37.1	35.5	36.9	36.8	37.1
1982		32.6	36.2										

SIC 16—HEAVY CONSTRUCTION CONTRACTORS

ALL EMPLOYEES—IN THOUSANDS

1977	787.1	613.9	629.1	682.0	756.4	815.3	861.5	870.6	880.6	881.1	871.2	835.2	748.8
1978	857.4	647.7	652.1	702.8	818.5	882.1	943.1	961.5	972.0	970.3	964.6	925.5	848.5
1979	930.5	721.7	729.2	796.1	868.8	955.5	1,024.8	1,044.2	1,051.5	1,040.7	1,034.7	990.8	908.0
1980	926.9	804.2	796.4	825.0	891.4	958.1	997.7	1,001.2	1,011.5	1,005.9	996.2	955.4	879.7
1981	903.2	775.0	757.2	811.4	885.4	934.8	960.7	977.7	982.5	973.7	975.5	940.9	863.1
1982		734.8	748.8										

WOMEN EMPLOYEES—IN THOUSANDS

1977	48.3	44.2	45.3	46.0	46.5	48.1	50.2	50.1	50.1	50.6	50.7	49.8	48.2
1978	50.6	47.4	46.1	46.5	48.0	49.7	52.1	53.1	53.9	53.5	54.1	52.2	50.3
1979	55.8	47.8	48.1	49.0	51.6	54.7	58.3	60.1	61.0	61.5	61.4	59.5	56.6
1980	61.4	55.3	55.6	56.2	58.7	61.3	63.6	64.5	65.4	65.0	64.7	64.3	61.9
1981	63.2	58.0	57.4	58.5	60.4	62.9	65.8	67.5	67.2	66.3	65.9	65.1	63.4
1982		60.6	59.2										

CONSTRUCTION WORKERS—IN THOUSANDS

1977	615.1	450.3	462.3	513.4	589.2	644.2	685.1	689.4	703.6	699.8	695.3	666.6	581.4
1978	693.3	482.7	491.5	540.4	654.4	717.1	775.5	794.6	805.5	805.2	801.1	762.8	689.1
1979	769.9	567.8	576.4	642.6	713.4	798.3	863.2	884.0	889.5	876.3	866.2	820.2	741.4
1980	745.5	631.9	640.1	644.3	711.3	777.1	814.7	816.4	824.7	817.6	806.8	766.2	694.8
1981	724.6	599.8	585.3	638.7	710.5	758.0	780.3	795.4	800.8	793.8	792.7	759.9	680.4
1982		558.5	577.8										

See footnotes at end of tables.

SIC 16—HEAVY CONSTRUCTION CONTRACTORS (Con.)

CONSTRUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	293.33	251.40	287.57	282.65	287.47	300.05	299.38	305.47	299.41	295.29	309.64	286.86	287.66
1978	324.87	258.14	280.32	308.05	310.02	312.44	339.81	341.43	340.70	346.49	351.54	322.37	331.63
1979	347.73	299.27	314.50	332.00	314.25	346.58	363.36	358.85	370.06	372.74	369.05	353.51	341.64
1980	370.76	316.94	325.24	350.24	354.16	362.10	379.68	380.79	385.28	398.11	397.17	385.20	386.16
1981	412.63	382.31	363.15	397.07	394.40	401.20	406.02	425.60	432.37	412.63	439.27	442.13	438.07
1982		394.20	428.85										

CONSTRUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

1977	7.56	7.49	7.45	7.38	7.39	7.52	7.56	7.58	7.58	7.65	7.78	7.67	7.57
1978	8.10	7.66	7.68	7.74	7.77	7.95	8.11	8.11	8.19	8.41	8.37	8.33	8.27
1979	8.65	8.29	8.32	8.30	8.38	8.60	8.59	8.71	8.79	8.96	8.85	8.86	8.76
1980	9.20	8.52	8.65	8.80	8.81	9.03	9.04	9.22	9.42	9.57	9.64	9.63	9.63
1981	10.29	9.63	9.71	9.78	9.86	9.98	10.10	10.33	10.52	10.69	10.74	10.89	10.79
1982		11.56	11.11										

CONSTRUCTION WORKER AVERAGE WEEKLY HOURS

1977	38.8	34.9	38.6	38.3	38.9	39.9	39.6	40.3	39.5	38.6	39.8	37.4	38.0
1978	40.1	33.7	36.5	39.8	39.9	39.3	41.9	42.1	41.6	41.2	42.0	38.7	40.1
1979	40.2	36.4	37.8	40.0	37.5	40.3	42.3	41.2	42.1	41.6	41.7	39.9	39.0
1980	40.3	37.2	37.6	39.8	40.2	40.1	42.0	41.3	40.9	41.6	41.2	40.0	40.1
1981	40.1	39.7	37.4	41.6	40.0	40.2	40.2	41.2	41.1	38.6	40.9	40.6	40.6
1982		34.1	38.6										

SIC 161—HIGHWAY AND STREET CONSTRUCTION

ALL EMPLOYEES—IN THOUSANDS

1977	246.4	157.1	163.5	183.8	230.0	263.1	284.6	295.4	300.1	295.9	293.7	272.1	216.9
1978	263.1	164.5	165.6	188.6	249.1	286.6	314.5	321.9	322.8	315.9	312.6	283.7	231.8
1979	278.1	171.0	179.4	207.8	247.4	298.7	332.2	341.5	344.1	337.3	327.1	298.9	251.7
1980	268.4	197.5	196.0	209.3	248.1	294.6	319.0	318.0	318.2	313.2	302.7	275.0	232.4
1981	245.9	187.5	179.9	198.3	239.2	267.1	289.9	289.9	287.9	279.5	274.1	252.9	212.0
1982		149.7	156.1										

WOMEN EMPLOYEES—IN THOUSANDS

1977	12.1	10.3	10.3	10.5	11.2	12.1	13.2	13.5	13.5	13.4	13.1	12.5	11.6
1978	13.2	10.9	10.7	10.9	12.0	13.0	14.3	14.8	15.2	15.1	15.2	13.9	12.8
1979	16.2	11.5	11.7	12.5	14.3	16.3	18.1	19.2	19.5	19.6	19.0	17.1	15.3
1980	17.6	14.2	14.4	15.0	16.6	18.4	19.5	19.9	20.1	19.7	19.0	17.7	16.4
1981	17.2	15.0	14.8	15.2	16.5	18.1	19.1	19.4	19.2	18.7	17.8	16.8	15.3
1982		13.5	13.3										

CONSTRUCTION WORKERS—IN THOUSANDS

1977	207.6	121.5	127.9	147.4	191.8	224.0	243.9	255.1	259.4	255.8	253.4	232.1	178.9
1978	224.5	127.8	129.7	151.9	210.2	247.3	274.2	281.2	282.6	276.4	273.0	245.4	194.4
1979	238.5	134.4	142.8	170.2	208.9	259.3	291.1	299.5	302.5	296.1	286.3	258.5	212.3
1980	227.2	157.4	155.7	168.2	206.9	252.8	274.7	276.1	276.3	271.5	261.6	234.0	191.5
1981	204.2	147.8	139.8	157.6	196.9	224.6	238.7	240.9	244.9	237.4	232.0	211.3	172.1
1982		111.9	118.9										

CONSTRUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

1977	281.40	228.46	249.98	248.57	270.91	283.98	289.22	302.89	295.71	293.20	311.08	272.08	263.55
1978	313.74	218.42	240.30	269.60	288.40	294.92	337.12	343.54	342.26	341.48	349.71	301.86	313.18
1979	345.68	260.61	285.96	301.32	298.74	341.82	372.22	367.16	376.99	383.69	370.65	351.41	321.31
1980	355.88	282.96	294.89	313.58	331.28	342.34	380.19	380.49	379.61	389.48	384.79	363.37	342.94
1981	381.51	336.71	306.13	348.30	361.58	368.85	389.57	417.73	419.76	389.83	408.63	391.38	370.00
1982		322.74	336.70										

SIC 161—HIGHWAY AND STREET CONSTRUCTION (Con.)

CONSTRUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	7.00	6.68	6.51	6.39	6.64	6.81	7.02	7.11	7.16	7.33	7.46	7.16	6.81
1978	7.56	6.70	6.75	6.74	7.00	7.41	7.61	7.72	7.85	7.96	7.93	7.80	7.62
1979	8.25	7.30	7.37	7.44	7.66	8.10	8.29	8.46	8.51	8.76	8.66	8.55	8.26
1980	8.68	7.71	7.97	8.02	8.20	8.58	8.70	8.89	9.06	9.10	9.14	8.95	8.66
1981	9.42	8.46	8.48	8.60	8.95	9.13	9.41	9.76	9.90	9.97	10.04	9.76	9.32
1982		9.90	9.10										

CONSTRUCTION-WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	40.2	34.2	38.4	38.9	40.8	41.7	41.2	42.6	41.3	40.0	41.7	38.0	38.7
1978	41.5	32.6	35.6	40.0	41.2	39.8	44.3	44.5	43.6	42.9	44.1	38.7	41.1
1979	41.9	35.7	38.8	40.5	39.0	42.2	44.9	43.4	44.3	43.8	42.8	41.1	38.9
1980	41.0	36.7	37.0	39.1	40.4	39.9	43.7	42.8	41.9	42.8	42.1	40.6	39.6
1981	40.5	39.8	36.1	40.5	40.4	40.4	41.4	42.8	42.4	39.1	40.7	40.1	39.7
1982		32.6	37.0										

SIC 162—HEAVY CONSTRUCTION, EXCEPT HIGHWAY

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	540.8	456.8	465.6	498.2	526.4	552.2	576.9	575.2	580.5	585.2	577.5	563.1	531.9
1978	594.3	483.2	486.5	514.2	569.4	595.5	628.6	639.6	649.2	654.4	652.0	641.8	616.7
1979	652.4	550.7	549.8	588.3	621.4	656.8	692.6	702.7	707.4	703.4	707.6	691.9	656.3
1980	658.5	606.7	600.4	615.7	643.3	663.5	681.7	683.2	693.3	692.7	693.5	680.4	647.3
1981	657.3	587.5	577.3	613.1	646.2	667.7	678.9	687.8	694.6	693.8	701.4	688.0	651.1
1982		585.1	592.7										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	36.2	33.9	35.0	35.5	35.3	36.0	37.0	36.6	36.6	37.2	37.6	37.3	36.6
1978	37.3	36.5	35.4	35.6	36.0	36.7	37.8	38.3	38.7	38.4	38.9	38.3	37.5
1979	39.6	36.3	36.4	36.5	37.3	38.4	40.2	40.9	41.5	41.9	42.4	42.4	41.3
1980	43.8	41.1	41.2	41.2	42.1	42.9	44.1	44.6	45.3	45.3	45.7	46.6	45.5
1981	46.0	43.0	42.6	43.3	43.9	44.8	46.7	48.1	48.0	47.6	48.1	48.3	48.1
1982		47.1	45.9										

CONSTRUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	407.5	328.8	334.4	366.0	397.4	420.2	441.2	434.3	444.2	444.0	441.9	434.5	402.5
1978	468.8	354.9	361.8	388.5	444.2	469.8	501.3	513.4	522.9	528.8	528.1	517.4	494.7
1979	531.5	433.4	433.6	472.4	504.5	539.0	572.1	584.5	587.0	580.2	579.9	561.7	529.1
1980	518.3	474.5	484.4	476.1	504.4	524.3	540.0	540.3	548.4	546.1	545.2	532.2	503.3
1981	520.5	452.0	445.5	481.1	513.6	533.4	541.6	548.5	555.9	556.4	560.7	548.6	508.3
1982		446.6	458.9										

CONSTRUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	299.85	273.43	301.47	296.02	295.26	308.48	305.74	307.32	301.44	296.73	308.83	294.57	298.58
1978	329.78	272.12	294.40	322.76	321.11	321.36	341.04	340.68	339.39	349.00	352.15	333.29	339.04
1979	349.58	311.82	324.38	342.68	320.66	349.08	358.28	355.29	366.06	367.34	368.74	354.60	349.05
1980	377.20	348.37	334.91	363.20	363.31	370.93	379.45	381.64	388.24	403.60	403.51	394.22	402.60
1981	425.20	396.40	380.65	412.50	406.76	415.04	412.24	429.71	437.81	421.30	452.92	461.86	461.35
1982		412.62	452.40										

CONSTRUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	7.87	7.79	7.81	7.79	7.77	7.93	7.88	7.88	7.85	7.85	7.98	7.94	7.92
1978	8.37	7.98	8.00	8.13	8.15	8.24	8.40	8.35	8.38	8.66	8.61	8.59	8.54
1979	8.85	8.59	8.65	8.61	8.69	8.86	8.76	8.86	8.95	9.07	8.95	9.00	8.95
1980	9.43	8.78	8.86	9.08	9.06	9.25	9.21	9.40	9.61	9.82	9.89	9.93	9.99
1981	10.63	10.01	10.07	10.16	10.22	10.35	10.41	10.61	10.81	11.00	11.02	11.32	11.28
1982		11.96	11.60										

See footnotes at end of tables.

SIC 162—HEAVY CONSTRUCTION, EXCEPT HIGHWAY (Con.)

CONSTRUCTION-WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	38.1	35.1	38.6	38.0	38.0	38.9	38.8	39.0	38.4	37.8	38.7	37.1	37.7
1978	39.4	34.1	36.8	39.7	39.4	39.0	40.6	40.8	40.5	40.3	40.9	38.8	39.7
1979	39.5	36.3	37.5	39.8	36.9	39.4	40.9	40.1	40.9	40.5	41.2	39.4	39.0
1980	40.0	37.4	37.8	40.0	40.1	40.1	41.2	40.6	40.4	41.1	40.8	39.7	40.3
1981	40.0	39.6	37.8	40.6	39.8	40.1	39.6	40.5	40.5	38.3	41.1	40.8	40.9
1982		34.5	39.0										

SIC 17—SPECIAL TRADE CONTRACTORS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	1,955.3	1,658.2	1,688.5	1,775.9	1,874.1	1,943.0	2,024.7	2,077.1	2,109.1	2,095.1	2,100.8	2,084.2	2,032.6
1978	2,142.9	1,850.1	1,824.6	1,939.0	2,065.3	2,134.5	2,238.0	2,284.1	2,316.5	2,290.8	2,299.7	2,265.4	2,206.9
1979	2,260.1	2,029.9	2,002.2	2,129.0	2,176.8	2,256.5	2,323.5	2,378.1	2,401.7	2,378.2	2,385.6	2,352.0	2,308.0
1980	2,246.2	2,163.9	2,129.0	2,138.4	2,180.7	2,229.7	2,277.6	2,302.0	2,330.5	2,326.4	2,338.2	2,303.3	2,234.5
1981	2,185.9	2,072.6	2,026.6	2,081.9	2,163.4	2,201.9	2,257.4	2,281.6	2,299.2	2,267.1	2,253.3	2,205.3	2,120.5
1982		1,918.4	1,903.7										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	147.9	142.7	141.8	143.8	144.3	146.9	149.4	150.6	151.3	149.1	150.6	151.9	152.5
1978	158.7	151.8	153.2	155.1	155.8	157.6	159.9	161.3	161.9	161.0	161.7	162.5	162.6
1979	170.6	162.4	163.1	166.0	166.7	168.8	173.1	173.9	174.5	174.0	173.8	175.2	176.2
1980	181.3	177.9	177.9	179.6	179.5	179.8	181.3	182.6	183.2	182.9	183.4	183.4	183.7
1981	189.1	183.4	183.2	184.8	186.9	188.2	191.2	192.8	192.5	192.2	191.9	191.7	190.4
1982		195.1	192.8										

CONSTRUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	1,540.3	1,261.9	1,292.8	1,374.6	1,468.1	1,530.3	1,604.7	1,652.1	1,683.0	1,671.6	1,676.9	1,660.1	1,607.4
1978	1,705.4	1,427.2	1,400.3	1,511.0	1,633.2	1,696.0	1,791.7	1,836.5	1,870.2	1,850.2	1,857.0	1,824.9	1,766.5
1979	1,806.1	1,591.0	1,562.7	1,682.8	1,727.8	1,803.5	1,863.0	1,912.1	1,940.8	1,920.7	1,927.5	1,892.9	1,848.4
1980	1,775.7	1,698.7	1,665.5	1,671.1	1,713.3	1,761.1	1,804.2	1,826.0	1,854.8	1,853.0	1,865.8	1,831.4	1,763.6
1981	1,707.9	1,603.4	1,558.8	1,612.4	1,689.8	1,723.7	1,772.2	1,792.6	1,812.0	1,785.1	1,772.4	1,727.2	1,645.1
1982		1,441.4	1,431.4										

CONSTRUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	310.39	288.14	302.96	301.40	303.94	306.36	309.74	313.63	313.20	318.76	321.26	314.87	317.20
1978	334.65	292.99	301.16	317.35	327.96	331.59	339.11	345.77	347.63	349.23	352.45	343.67	352.09
1979	360.10	331.89	339.68	349.08	339.33	358.06	360.88	365.93	371.00	376.66	373.32	364.14	379.04
1980	385.53	356.35	364.67	367.10	373.04	376.56	387.50	389.02	390.94	403.67	406.62	393.82	404.42
1981	414.00	400.55	386.48	408.04	403.96	407.21	414.60	423.20	421.81	410.55	434.08	422.80	430.20
1982		402.38	414.61										

CONSTRUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	8.67	8.55	8.51	8.49	8.49	8.51	8.58	8.64	8.70	8.83	8.85	8.82	8.91
1978	9.27	8.96	8.91	8.99	9.01	9.16	9.19	9.27	9.37	9.49	9.50	9.52	9.62
1979	9.92	9.62	9.65	9.59	9.64	9.73	9.78	9.89	10.00	10.18	10.20	10.20	10.30
1980	10.65	10.24	10.36	10.37	10.42	10.46	10.53	10.60	10.74	10.91	10.96	10.97	11.08
1981	11.50	11.22	11.17	11.21	11.19	11.28	11.39	11.50	11.62	11.73	11.86	11.81	11.95
1982		12.12	11.88										

CONSTRUCTION-WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	35.8	33.7	35.6	35.5	35.8	36.0	36.1	36.3	36.0	36.1	36.3	35.7	35.6
1978	36.1	32.7	33.8	35.3	36.4	36.2	36.9	37.3	37.1	36.8	37.1	36.1	36.6
1979	36.3	34.5	35.2	36.4	35.2	36.8	36.9	37.0	37.1	37.0	36.6	35.7	36.8
1980	36.2	34.8	35.2	35.4	35.8	36.0	36.8	36.7	36.4	37.0	37.1	35.9	36.5
1981	36.0	35.7	34.6	36.4	36.1	36.1	36.4	36.8	36.3	35.0	36.6	35.8	36.0
1982		33.2	34.9										

SIC 171—PLUMBING, HEATING, AIR CONDITIONING

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	472.6	433.4	433.8	443.1	453.7	465.3	472.3	489.6	494.4	492.6	495.3	496.4	495.8
1978	519.9	480.1	471.1	482.4	495.4	505.5	523.0	538.6	549.7	547.7	551.1	548.5	546.1
1979	542.3	522.5	513.9	521.7	527.2	537.1	547.9	558.0	561.4	557.0	555.7	553.9	551.2
1980	532.8	540.6	527.7	525.8	519.4	521.9	530.5	530.8	539.7	541.3	543.2	539.7	532.4
1981	522.2	521.9	512.2	511.4	515.2	514.2	526.8	532.2	534.9	529.2	530.2	523.2	515.4
1982		497.9	489.3										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	41.5	40.6	40.8	41.0	41.0	41.1	41.9	41.9	41.6	41.4	41.6	42.0	42.5
1978	44.4	42.6	43.0	43.3	43.4	43.4	44.3	45.2	45.3	45.3	45.6	46.0	45.6
1979	48.0	46.0	46.1	46.9	47.3	47.9	48.1	48.9	48.8	48.4	48.2	49.4	49.4
1980	49.8	49.7	49.3	49.6	49.6	49.9	49.5	50.1	50.3	49.5	49.6	49.8	50.7
1981	51.5	50.7	50.3	49.8	50.7	51.2	52.1	52.4	52.2	52.0	52.0	52.2	52.1
1982		52.6	52.2										

CONSTRUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	354.9	318.4	318.1	336.5	337.8	348.4	359.7	370.5	374.6	374.7	376.7	377.1	376.2
1978	396.9	361.0	350.9	362.3	375.7	384.0	399.2	413.0	423.7	423.4	425.7	423.1	420.6
1979	413.2	396.9	388.5	395.0	398.3	407.3	416.8	425.3	430.9	426.9	426.7	424.2	421.9
1980	400.4	405.8	398.8	394.6	388.3	390.3	396.7	395.9	405.1	407.9	410.5	406.9	399.6
1981	386.8	388.2	379.8	378.8	382.2	379.4	389.0	393.7	397.1	393.2	393.7	387.1	379.7
1982		363.2	354.4										

CONSTRUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	327.58	307.94	319.50	316.40	315.61	324.60	328.59	332.23	332.76	338.07	338.58	330.56	342.38
1978	354.57	322.73	326.70	339.80	346.67	357.58	359.46	360.81	362.70	369.19	369.01	361.34	369.39
1979	374.36	355.20	354.09	361.75	350.77	375.51	376.20	379.62	382.28	390.02	392.45	380.56	393.72
1980	403.45	382.42	385.84	390.75	389.79	396.00	400.75	405.22	407.58	419.14	425.17	412.92	427.43
1981	430.07	425.62	414.03	422.25	421.50	424.50	427.89	441.18	436.73	421.37	443.87	434.90	451.27
1982		434.25	437.10										

CONSTRUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	8.71	8.46	8.43	8.46	8.53	8.61	8.67	8.72	8.78	8.92	8.91	8.91	9.01
1978	9.43	9.04	9.00	9.11	9.22	9.41	9.41	9.47	9.57	9.69	9.66	9.61	9.67
1979	9.93	9.60	9.57	9.57	9.61	9.83	9.90	9.99	10.06	10.21	10.22	10.23	10.28
1980	10.73	10.28	10.40	10.42	10.45	10.56	10.63	10.72	10.84	11.03	11.13	11.10	11.16
1981	11.53	11.23	11.19	11.23	11.24	11.29	11.38	11.61	11.74	11.77	11.90	11.85	11.97
1982		12.13	11.91										

CONSTRUCTION-WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	37.6	36.4	37.9	37.4	37.0	37.7	37.9	38.1	37.9	37.9	38.0	37.1	38.0
1978	37.6	35.7	36.3	37.3	37.6	38.0	38.2	38.1	37.9	38.1	38.2	37.6	38.2
1979	37.7	37.0	37.0	37.8	36.5	38.2	38.0	38.0	38.0	38.2	38.4	37.2	38.3
1980	37.6	37.2	37.1	37.5	37.3	37.5	37.7	37.8	37.6	38.0	38.2	37.2	38.3
1981	37.3	37.9	37.0	37.6	37.5	37.6	37.6	38.0	37.2	35.8	37.3	36.7	37.7
1982		35.8	36.7										

SIC 172—PAINTING, PAPER HANGING, DECORATING

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	125.0	104.5	101.9	108.3	116.6	123.3	133.5	139.1	142.6	136.9	135.3	132.4	125.3
1978	138.3	110.3	109.1	116.2	128.8	136.2	149.6	156.0	158.1	151.4	153.3	149.7	141.2
1979	147.8	124.3	122.6	127.2	135.7	147.2	158.4	168.2	169.1	162.0	160.0	153.7	145.7
1980	141.8	131.2	128.6	127.4	136.3	145.7	152.0	155.2	152.8	147.9	148.8	141.3	132.0
1981	133.8	115.6	113.2	116.8	128.0	135.4	144.4	150.7	150.2	145.8	142.1	136.7	126.9
1982		112.0	109.0										

See footnotes at end of tables.

SIC 172—PAINTING, PAPER HANGING, DECORATING (Con.)

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	9.0	8.7	8.6	8.6	8.5	8.9	9.0	9.2	9.0	9.3	9.2	9.3	9.4
1978	10.0	9.3	9.7	9.9	9.5	9.8	10.0	10.1	10.3	10.1	10.2	10.3	10.8
1979	11.2	10.9	10.9	10.7	10.8	10.8	11.6	11.8	11.7	11.4	11.2	11.5	11.4
1980	11.5	11.5	11.3	11.5	11.5	11.4	11.6	11.9	11.4	11.2	11.3	11.7	11.6
1981	11.8	11.3	11.3	11.6	11.7	12.0	12.1	12.0	11.9	12.1	12.1	12.1	11.4
1982		11.8	11.4										

CONSTRUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	104.3	84.5	83.0	88.7	96.4	103.3	111.9	116.8	120.6	115.5	114.3	112.1	104.3
1978	116.1	89.6	87.8	94.7	106.5	113.5	126.6	133.3	135.4	129.1	130.5	127.4	118.7
1979	124.2	101.6	100.4	104.0	112.8	124.1	134.1	143.3	145.1	137.9	136.4	129.5	121.5
1980	118.8	106.8	104.7	104.1	114.8	122.9	128.7	131.8	130.1	126.1	126.8	119.2	110.0
1981	110.6	93.2	90.7	94.2	105.1	112.2	120.8	126.2	126.1	122.3	118.5	113.7	104.2
1982		89.2	86.9										

CONSTRUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	273.31	249.94	265.66	264.32	261.82	274.86	275.20	276.12	280.92	283.03	284.05	276.55	280.23
1978	298.77	256.58	270.67	280.38	283.15	284.39	302.24	314.22	315.88	314.70	314.16	306.75	316.29
1979	321.43	298.82	309.06	316.80	308.83	326.74	315.20	321.82	325.94	330.29	328.70	320.69	341.26
1980	342.84	321.98	328.78	337.35	336.66	338.45	349.95	344.53	347.60	357.63	356.58	342.05	350.18
1981	363.66	354.32	337.34	359.07	358.44	356.72	367.50	372.40	373.11	374.45	378.77	361.18	360.53
1982		340.23	362.88										

CONSTRUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	8.11	7.96	7.93	7.82	7.91	7.99	8.00	8.05	8.19	8.30	8.33	8.28	8.39
1978	8.61	8.44	8.38	8.32	8.16	8.34	8.49	8.68	8.75	8.84	8.80	8.84	8.96
1979	9.21	8.92	9.09	9.00	9.03	9.23	8.98	9.04	9.13	9.41	9.50	9.46	9.64
1980	9.88	9.47	9.67	9.75	9.73	9.81	9.83	9.76	9.96	10.16	10.13	10.09	10.15
1981	10.48	10.33	10.10	10.23	10.30	10.40	10.47	10.49	10.51	10.76	10.73	10.53	10.73
1982		10.94	10.80										

CONSTRUCTION-WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	33.7	31.4	33.5	33.8	33.1	34.4	34.4	34.3	34.3	34.1	34.1	33.4	33.4
1978	34.7	30.4	32.3	33.7	34.7	34.1	35.6	36.2	36.1	35.6	35.7	34.7	35.3
1979	34.9	33.5	34.0	35.2	34.2	35.4	35.1	35.6	35.7	35.1	34.6	33.9	35.4
1980	34.7	34.0	34.0	34.6	34.6	34.5	35.6	35.3	34.9	35.2	35.2	33.9	34.5
1981	34.7	34.3	33.4	35.1	34.8	34.3	35.1	35.5	35.5	34.8	35.3	34.3	33.6
1982		31.1	33.6										

SIC 173—ELECTRICAL WORK

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	339.9	317.2	314.9	321.8	326.0	332.8	341.1	346.7	355.4	355.4	357.7	355.5	354.4
1978	368.8	342.3	335.8	340.2	343.9	358.9	371.8	379.7	388.4	390.0	391.3	392.9	390.6
1979	399.3	382.0	375.5	378.7	381.2	386.9	397.8	409.3	414.4	413.2	417.4	417.2	417.6
1980	411.6	410.0	404.7	402.6	397.1	398.6	406.7	410.8	418.3	422.8	422.3	424.7	420.7
1981	412.9	410.4	404.4	402.9	405.6	408.1	413.6	416.9	422.8	421.0	420.5	416.5	412.2
1982		396.3	390.3										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	27.0	26.5	26.6	26.6	26.6	26.8	26.9	26.9	27.2	27.1	27.5	27.7	28.0
1978	28.9	28.2	28.2	28.4	28.3	28.5	29.1	29.2	29.6	29.3	29.4	29.3	29.5
1979	30.5	29.3	29.4	29.6	29.3	29.8	30.5	31.1	30.5	31.2	31.3	31.6	32.0
1980	33.8	32.1	32.5	32.3	33.0	33.0	33.8	34.2	34.3	34.7	35.2	35.3	35.3
1981	36.5	35.6	35.9	36.4	36.5	36.5	36.5	36.7	36.8	36.6	36.7	36.9	37.1
1982		37.1	37.2										

SIC 173—ELECTRICAL WORK (Con.)

CONSTRUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	262.1	241.9	239.3	245.5	249.6	255.7	262.8	268.1	276.1	277.1	278.6	276.2	274.6
1978	287.1	262.1	256.2	259.9	263.6	278.0	289.5	296.6	305.1	307.8	308.2	310.1	307.6
1979	313.7	298.2	292.1	294.5	296.9	303.3	312.1	322.8	327.7	327.0	330.4	329.7	329.5
1980	320.3	320.3	315.7	312.6	306.5	308.6	316.3	319.5	326.4	330.8	329.3	330.6	327.2
1981	318.4	316.2	310.1	308.5	311.1	313.6	318.3	321.3	327.4	326.7	326.4	322.5	318.6
1982		301.9	296.1										

CONSTRUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	363.59	342.45	360.05	358.13	355.84	361.75	364.50	367.42	368.17	368.86	371.57	363.68	372.78
1978	387.56	348.61	350.48	367.91	379.00	384.31	391.78	396.24	400.13	401.57	403.01	402.92	412.16
1979	417.96	397.06	397.74	409.16	400.18	410.72	419.77	426.53	429.66	432.02	429.37	418.49	441.90
1980	448.63	426.76	427.11	429.77	435.83	439.66	449.32	450.00	453.83	468.63	467.49	455.47	479.80
1981	486.92	473.75	457.56	477.28	475.90	482.60	494.25	498.35	496.31	474.35	506.72	488.93	515.13
1982		486.80	494.02										

CONSTRUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	9.67	9.46	9.50	9.55	9.54	9.57	9.72	9.72	9.74	9.81	9.83	9.75	9.81
1978	10.28	9.82	9.79	9.89	10.00	10.14	10.31	10.40	10.42	10.54	10.55	10.52	10.65
1979	10.97	10.56	10.55	10.60	10.70	10.78	10.96	11.05	11.16	11.28	11.24	11.28	11.36
1980	11.90	11.35	11.42	11.43	11.53	11.57	11.95	12.00	12.07	12.30	12.27	12.31	12.43
1981	12.95	12.50	12.40	12.56	12.59	12.70	13.11	13.08	13.13	13.25	13.37	13.25	13.38
1982		13.56	13.28										

CONSTRUCTION-WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	37.6	36.2	37.9	37.5	37.3	37.8	37.5	37.8	37.8	37.6	37.8	37.3	38.0
1978	37.7	35.5	35.8	37.2	37.9	37.9	38.0	38.1	38.4	38.1	38.2	38.3	38.7
1979	38.1	37.6	37.7	38.6	37.4	38.1	38.3	38.6	38.5	38.3	38.2	37.1	38.9
1980	37.7	37.6	37.4	37.6	37.8	38.0	37.6	37.5	37.6	38.1	38.1	37.0	38.6
1981	37.6	37.9	36.9	38.0	37.8	38.0	37.7	38.1	37.8	35.8	37.9	36.9	38.5
1982		35.9	37.2										

SIC 174—MASONRY, STONEWORK, AND PLASTERING

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	307.9	240.8	260.3	279.5	296.7	306.3	323.8	327.5	336.5	333.2	334.2	332.8	323.2
1978	338.0	280.1	283.8	317.0	339.5	343.0	355.5	353.8	361.2	355.7	361.6	355.3	349.2
1979	359.5	309.3	305.5	350.3	353.7	363.1	372.0	375.9	383.0	374.5	381.9	375.6	368.6
1980	352.5	342.9	335.8	342.8	347.3	350.5	356.2	360.0	364.2	362.0	368.1	355.6	344.1
1981	326.6	305.8	305.6	318.2	328.2	332.2	338.1	339.9	345.4	341.7	331.3	324.6	308.2
1982		262.2	271.2										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	17.2	16.3	16.1	16.5	16.8	17.0	17.2	17.5	17.6	17.4	17.7	17.9	17.8
1978	17.7	17.6	17.3	17.7	18.1	17.8	18.0	18.1	17.5	17.5	17.7	17.9	17.7
1979	19.1	18.1	18.3	18.7	19.0	19.2	19.2	19.3	19.6	19.5	19.2	19.1	19.5
1980	20.4	20.5	20.8	20.9	19.8	20.1	19.9	20.7	20.3	20.5	20.9	20.3	20.4
1981	21.1	20.2	20.0	20.3	20.5	20.8	21.4	21.6	21.8	22.2	21.5	21.6	21.3
1982		20.6	20.3										

CONSTRUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	262.5	196.6	216.3	235.1	252.2	261.5	278.0	280.8	290.5	287.4	288.7	286.2	276.7
1978	291.9	234.3	237.4	270.6	292.7	295.5	308.3	306.9	315.3	310.6	316.3	310.5	304.4
1979	312.7	263.7	259.8	303.5	307.2	315.8	325.4	328.6	335.2	327.9	334.5	328.7	321.5
1980	303.4	293.8	285.8	292.0	299.3	301.7	307.9	310.7	314.9	312.7	318.5	307.7	296.2
1981	278.5	259.2	258.8	271.5	281.0	283.7	289.3	291.1	295.9	292.7	282.6	275.5	260.2
1982		214.3	224.8										

SIC 174—MASONRY, STONEWORK, AND PLASTERING (Con.)

CONSTRUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	283.57	249.78	269.24	276.72	280.72	283.56	282.91	290.52	289.33	292.56	292.90	293.08	285.03
1978	307.92	259.88	265.05	290.62	304.67	305.96	317.70	320.59	322.70	319.68	326.74	315.86	317.04
1979	333.34	298.94	313.17	325.83	317.92	333.30	334.60	339.42	347.55	349.12	345.91	334.98	344.62
1980	357.77	321.11	336.66	331.00	346.46	356.38	368.18	367.81	367.15	375.95	380.92	366.05	363.51
1981	373.58	355.98	340.65	373.03	368.08	375.45	379.97	381.35	380.65	373.04	390.72	385.56	376.68
1982		344.84	362.56										

CONSTRUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	8.49	8.41	8.31	8.31	8.33	8.34	8.37	8.47	8.56	8.63	8.64	8.62	8.69
1978	9.03	8.75	8.69	8.78	8.78	8.92	9.00	8.98	9.09	9.16	9.23	9.29	9.38
1979	9.69	9.46	9.49	9.39	9.49	9.55	9.56	9.67	9.79	9.89	9.94	9.94	9.96
1980	10.37	9.85	9.99	10.00	10.22	10.36	10.43	10.39	10.49	10.59	10.67	10.61	10.66
1981	11.02	10.82	10.78	10.75	10.70	10.82	10.95	10.99	11.13	11.27	11.26	11.34	11.38
1982		11.65	11.19										

CONSTRUCTION-WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	33.4	29.7	32.4	33.3	33.7	34.0	33.8	34.3	33.8	33.9	33.9	34.0	32.8
1978	34.1	29.7	30.5	33.1	34.7	34.3	35.3	35.7	35.5	34.9	35.4	34.0	33.8
1979	34.4	31.6	33.0	34.7	33.5	34.9	35.0	35.1	35.5	35.3	34.8	33.7	34.6
1980	34.5	32.6	33.7	33.1	33.9	34.4	35.3	35.4	35.0	35.5	35.7	34.5	34.1
1981	33.9	32.9	31.6	34.7	34.4	34.7	34.7	34.7	34.2	33.1	34.7	34.0	33.1
1982		29.6	32.4										

SIC 175—CARPENTERING AND FLOORING

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	123.0	103.6	104.2	108.6	114.8	120.9	128.6	132.1	135.7	132.8	134.2	131.2	129.6
1978	133.3	120.4	113.2	122.7	127.7	133.2	143.0	145.6	144.4	139.5	139.4	136.3	134.4
1979	131.3	125.8	124.3	130.2	127.6	130.2	132.3	137.2	136.1	135.0	135.0	130.8	131.5
1980	121.9	121.0	119.5	119.0	116.0	118.6	119.7	122.3	127.3	125.9	126.4	124.2	123.0
1981	119.7	114.8	110.8	113.6	121.9	125.4	126.8	126.7	127.3	123.2	119.8	115.5	110.9
1982		101.1	101.3										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	12.1	11.9	11.5	12.0	11.4	12.0	12.4	12.3	12.5	12.0	12.2	12.3	12.1
1978	12.5	12.0	12.1	12.2	12.5	12.7	12.4	12.5	12.6	12.4	12.4	12.8	13.4
1979	13.5	12.6	12.9	12.7	12.9	12.9	14.4	13.9	13.9	13.8	13.9	14.2	14.0
1980	14.1	13.8	14.1	14.2	14.3	14.0	14.0	13.9	13.9	14.4	14.3	14.2	14.0
1981	14.3	14.4	14.3	14.6	14.5	14.1	14.5	14.6	14.1	14.1	14.1	14.0	13.9
1982		13.9	14.0										

CONSTRUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	95.2	77.9	78.7	82.4	87.9	92.7	99.5	103.1	106.5	103.9	105.8	102.8	101.3
1978	104.1	91.4	84.8	93.9	98.6	103.8	113.0	115.6	115.1	110.5	110.4	107.3	105.2
1979	102.3	97.7	96.3	102.0	98.9	101.3	103.2	107.4	107.2	106.2	105.5	100.4	101.5
1980	92.0	91.6	89.7	88.6	86.4	88.6	90.0	93.0	95.7	95.8	96.3	94.2	93.0
1981	89.3	84.8	80.9	84.0	92.0	95.4	95.7	95.7	96.7	92.4	88.9	84.9	80.5
1982		70.9	71.3										

CONSTRUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	258.23	224.95	241.65	249.08	251.20	250.66	260.26	257.04	255.70	262.57	279.05	276.31	270.64
1978	290.44	246.27	258.89	276.82	287.00	289.19	295.46	297.38	300.72	307.16	309.01	297.91	307.66
1979	310.36	282.61	293.93	305.47	298.58	310.42	311.70	313.29	314.71	323.35	320.38	317.75	326.88
1980	325.85	300.63	302.12	307.92	312.13	314.98	318.32	331.58	335.55	345.86	345.86	343.34	345.40
1981	355.01	325.58	333.82	353.28	355.00	353.98	359.31	357.74	355.01	365.74	373.47	361.80	368.20
1982		341.01	348.66										

See footnotes at end of tables.

SIC 175—CARPENTERING AND FLOORING (Con.)

CONSTRUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	7.64	7.28	7.39	7.48	7.41	7.46	7.61	7.56	7.61	7.70	7.95	7.94	7.96
1978	8.37	7.97	8.04	8.19	8.20	8.31	8.37	8.33	8.40	8.58	8.68	8.61	8.57
1979	8.97	8.16	8.88	8.88	8.86	8.92	8.83	8.85	8.89	9.06	9.18	9.21	9.26
1980	9.50	9.11	9.10	9.11	9.10	9.21	9.20	9.42	9.67	9.91	9.91	10.01	10.07
1981	10.35	10.06	10.24	10.24	10.26	10.32	10.15	10.28	10.35	10.54	10.56	10.61	10.52
1982		10.69	10.63										

CONSTRUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	33.8	30.9	32.7	33.3	33.9	33.6	34.2	34.0	33.6	34.1	35.1	34.8	34.0
1978	34.7	30.9	32.2	33.8	35.0	34.8	35.3	35.7	35.8	35.8	35.6	34.6	35.9
1979	34.6	32.9	33.1	34.4	33.7	34.8	35.3	35.4	35.4	35.3	34.9	34.5	35.3
1980	34.3	33.0	33.2	33.8	34.3	34.2	34.6	35.2	34.7	34.9	34.5	34.3	34.3
1981	34.3	32.3	32.6	34.5	34.6	34.3	35.4	34.8	34.3	34.7	35.3	34.1	35.0
1982		31.9	32.8										

SIC 176—ROOFING AND SHEET METAL WORK

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	134.2	102.3	110.8	120.9	129.0	134.9	138.2	143.2	143.7	145.5	150.7	151.3	139.9
1978	154.5	119.6	121.3	137.1	154.6	157.2	164.4	169.6	170.5	167.5	170.6	165.0	156.2
1979	163.7	131.4	127.3	153.7	158.7	164.4	171.6	176.0	177.9	176.8	177.5	176.2	172.3
1980	167.9	151.3	146.6	150.8	166.0	168.3	170.8	172.5	174.4	174.6	176.3	175.7	163.8
1981	155.1	137.7	131.6	142.3	151.1	152.7	159.9	163.3	166.4	166.0	167.3	166.8	156.6
1982		126.9	126.9										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	9.6	9.2	9.0	9.3	9.1	9.3	9.4	9.6	9.9	9.9	10.2	10.1	10.0
1978	10.6	9.9	10.0	10.3	10.5	10.4	10.8	10.9	11.0	10.9	11.1	10.9	10.7
1979	11.6	10.6	10.6	11.2	11.4	11.5	11.7	11.8	11.9	12.0	12.1	12.1	12.5
1980	12.8	12.5	12.6	12.9	13.1	12.9	12.9	12.9	13.0	12.9	12.8	12.9	12.4
1981	12.5	12.1	12.1	12.5	12.3	12.4	12.5	12.6	12.6	12.5	12.8	12.8	12.7
1982		12.2	12.0										

CONSTRUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	107.3	77.0	85.7	94.7	102.8	107.8	111.0	115.6	116.4	117.7	122.4	123.5	112.5
1978	126.2	93.1	94.2	109.7	126.1	128.7	135.5	140.3	141.3	139.2	142.0	136.7	127.7
1979	132.9	103.8	98.4	124.1	128.9	133.5	139.2	144.0	145.9	145.6	146.3	144.9	141.1
1980	134.0	119.8	114.6	119.0	133.9	135.7	138.1	140.1	142.9	142.9	144.7	144.2	132.6
1981	124.5	107.4	102.0	112.2	120.4	122.1	129.2	132.6	135.7	135.4	136.4	135.9	125.2
1982		95.8	96.0										

CONSTRUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	245.69	213.10	235.64	236.06	249.58	248.16	250.42	253.11	248.71	253.18	264.10	248.91	236.47
1978	264.23	196.09	221.92	243.80	267.46	256.48	267.58	280.70	284.69	281.40	282.98	274.35	272.29
1979	285.36	232.88	245.85	280.54	257.91	289.82	300.32	299.74	304.32	308.91	293.16	287.47	295.86
1980	305.64	256.32	280.21	264.62	278.66	284.80	320.86	321.78	323.19	333.20	340.65	321.94	317.10
1981	332.64	292.50	278.06	320.68	314.93	314.85	337.34	354.58	360.85	343.99	354.65	359.84	331.38
1982		280.84	292.17										

CONSTRUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	7.63	7.53	7.41	7.40	7.45	7.52	7.52	7.67	7.70	7.79	7.86	7.73	7.83
1978	8.13	7.72	7.60	7.89	7.96	7.99	7.94	8.16	8.30	8.40	8.25	8.39	8.43
1979	8.70	8.20	8.25	8.45	8.54	8.60	8.63	8.79	8.77	8.98	8.83	8.90	9.02
1980	9.29	8.90	9.01	8.68	8.96	9.07	9.22	9.22	9.45	9.52	9.65	9.61	9.58
1981	10.06	9.59	9.49	9.63	9.72	9.87	10.01	10.16	10.31	10.33	10.37	10.43	10.52
1982		10.76	10.18										

SIC 176—ROOFING AND SHEET METAL WORK (Con.)

CONSTRUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	32.2	28.3	31.8	31.9	33.5	33.0	33.3	33.0	32.3	32.5	33.6	32.2	33.2
1978	32.5	25.4	29.2	30.9	33.6	32.1	33.3	34.4	34.3	33.5	34.3	32.7	32.3
1979	32.8	28.4	29.8	33.2	30.2	33.7	34.8	34.1	34.7	34.4	33.2	32.3	32.6
1980	32.9	28.8	31.1	29.8	31.1	33.4	34.8	34.9	34.2	35.0	35.3	34.2	33.1
1981	33.0	30.5	29.3	33.3	32.4	31.9	33.7	34.9	35.0	33.3	34.2	34.5	33.5
1982		26.1	28.7										

MANUFACTURING

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
ALL EMPLOYEES—IN THOUSANDS													
1977	19,682	19,072	19,076	19,253	19,402	19,574	19,880	19,693	19,918	20,122	20,063	20,057	20,077
1978	20,505	19,948	19,980	20,122	20,242	20,363	20,647	20,417	20,657	20,867	20,884	20,961	20,967
1979	21,040	20,833	20,853	20,972	20,992	21,065	21,314	21,033	21,069	21,261	21,151	21,006	20,932
1980	20,265	20,005	20,666	20,722	20,482	20,210	20,134	19,673	19,992	20,192	20,197	20,247	20,190
1981	20,173	19,353	19,989	20,085	20,176	20,262	20,445	20,246	20,370	20,499	20,271	20,025	19,705
1982		19,299											
WOMEN EMPLOYEES—IN THOUSANDS													
1977	5,880	5,606	5,662	5,721	5,770	5,826	5,925	5,823	5,977	6,066	6,068	6,073	6,037
1978	6,237	5,983	6,019	6,083	6,123	6,173	6,280	6,153	6,325	6,415	6,430	6,447	6,407
1979	6,466	6,347	6,361	6,406	6,411	6,449	6,540	6,411	6,508	6,570	6,574	6,534	6,478
1980	6,317	6,410	6,419	6,447	6,391	6,287	6,259	6,087	6,258	6,322	6,321	6,319	6,282
1981	6,341	6,217	6,233	6,267	6,304	6,342	6,416	6,333	6,445	6,494	6,439	6,357	6,243
1982		6,112	6,110										
PRODUCTION WORKERS—IN THOUSANDS													
1977	14,135	13,633	13,632	13,796	13,928	14,075	14,320	14,097	14,302	14,505	14,446	14,445	14,438
1978	14,734	14,310	14,330	14,445	14,542	14,643	14,855	14,598	14,812	15,036	15,040	15,099	15,093
1979	15,068	14,958	14,962	15,050	15,073	15,129	15,313	15,008	15,027	15,240	15,136	14,994	14,920
1980	14,214	14,689	14,623	14,668	14,427	14,138	14,040	13,597	13,902	14,117	14,115	14,161	14,093
1981	14,021	13,926	13,918	13,998	14,075	14,141	14,267	14,043	14,153	14,304	14,079	13,834	13,515
1982		13,200	13,168										
PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	228.90	215.05	218.65	221.90	222.96	226.24	230.52	228.17	229.31	235.65	236.29	238.10	243.72
1978	249.27	234.02	236.81	242.80	244.02	245.23	249.29	249.05	249.27	256.00	257.00	261.35	268.27
1979	269.34	260.65	262.51	266.34	264.80	265.86	269.47	268.13	268.00	274.04	274.85	277.55	285.48
1980	266.62	277.41	278.60	281.39	279.74	280.60	284.07	282.85	288.01	295.71	298.50	305.52	314.16
1981	318.00	308.43	306.13	311.62	312.84	317.59	320.39	317.59	320.40	322.32	323.95	325.54	329.97
1982		312.36	326.93										
PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	5.68	5.50	5.48	5.52	5.56	5.60	5.65	5.69	5.69	5.79	5.82	5.85	5.93
1978	6.17	5.97	5.98	6.01	6.04	6.07	6.11	6.18	6.17	6.29	6.33	6.39	6.48
1979	6.70	6.50	6.53	6.56	6.55	6.63	6.67	6.72	6.70	6.80	6.82	6.87	6.98
1980	7.27	6.97	7.00	7.07	7.10	7.14	7.21	7.29	7.31	7.43	7.50	7.60	7.70
1981	7.99	7.73	7.75	7.81	7.88	7.92	7.97	8.02	8.03	8.16	8.16	8.20	8.27
1982		8.42	8.34										
PRODUCTION WORKER AVERAGE WEEKLY HOURS													
1977	40.3	39.1	39.9	40.2	40.1	40.4	40.8	40.1	40.3	40.7	40.6	40.7	41.1
1978	40.4	39.2	39.6	40.4	40.4	40.4	40.8	40.3	40.4	40.7	40.6	40.9	41.4
1979	40.2	40.1	40.2	40.6	38.9	40.1	40.4	39.9	40.0	40.3	40.3	40.4	40.9
1980	39.7	39.8	39.8	39.8	39.4	39.3	39.4	38.8	39.4	39.8	39.8	40.2	40.8
1981	39.8	39.9	39.5	39.9	39.7	40.1	40.2	39.6	39.9	39.5	39.7	39.7	39.9
1982		37.1	39.2										
PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	3.5	3.1	3.1	3.3	3.2	3.4	3.6	3.4	3.6	3.8	3.7	3.6	3.7
1978	3.6	3.2	3.5	3.5	3.5	3.4	3.6	3.5	3.6	3.9	3.8	3.8	3.9
1979	3.3	3.5	3.5	3.6	2.5	3.3	3.4	3.2	3.3	3.5	3.4	3.4	3.4
1980	2.8	3.0	2.9	3.0	2.7	2.5	2.5	2.5	2.7	3.0	2.9	3.1	3.3
1981	2.8	2.9	2.8	2.8	2.6	2.9	3.0	2.8	3.0	2.9	2.8	2.6	2.6
1982		2.2	2.3										

SIC 24,25,32–39—DURABLE GOODS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
ALL EMPLOYEES—IN THOUSANDS													
1977	11,597	11,217	11,185	11,322	11,428	11,546	11,712	11,620	11,658	11,837	11,840	11,867	11,929
1978	12,274	11,887	11,899	11,992	12,100	12,186	12,340	12,229	12,288	12,485	12,558	12,639	12,679
1979	12,760	12,629	12,654	12,745	12,776	12,818	12,955	12,783	12,667	12,871	12,800	12,717	12,703
1980	12,187	12,568	12,564	12,609	12,397	12,145	12,036	11,731	11,823	12,008	12,064	12,154	12,147
1981	12,117	12,054	12,023	12,105	12,182	12,220	12,317	12,179	12,164	12,272	12,144	11,979	11,762
1982		11,557	11,503										
WOMEN EMPLOYEES—IN THOUSANDS													
1977	2,651	2,514	2,528	2,558	2,593	2,626	2,666	2,637	2,672	2,726	2,749	2,767	2,771
1978	2,900	2,764	2,774	2,805	2,834	2,864	2,912	2,873	2,915	2,976	3,010	3,035	3,032
1979	3,092	3,016	3,032	3,058	3,070	3,089	3,130	3,082	3,075	3,131	3,145	3,140	3,130
1980	3,009	3,102	3,099	3,114	3,081	2,997	2,959	2,884	2,911	2,959	2,988	3,009	3,006
1981	3,038	2,988	2,990	3,008	3,034	3,050	3,083	3,046	3,061	3,092	3,077	3,038	2,987
1982		2,942	2,928										
PRODUCTION WORKERS—IN THOUSANDS													
1977	8,307	7,997	7,962	8,086	8,183	8,287	8,418	8,300	8,326	8,501	8,507	8,539	8,574
1978	8,805	8,525	8,524	8,596	8,684	8,755	8,861	8,727	8,767	8,968	9,029	9,096	9,123
1979	9,110	9,062	9,069	9,135	9,171	9,195	9,290	9,094	8,966	9,174	9,112	9,031	9,015
1980	8,442	8,858	8,838	8,876	8,660	8,401	8,284	7,993	8,065	8,256	8,306	8,391	8,373
1981	8,301	8,289	8,263	8,333	8,400	8,426	8,486	8,330	8,302	8,423	8,297	8,135	7,922
1982		7,739	7,705										
PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	248.46	232.06	236.52	240.31	240.94	246.19	250.66	247.05	248.06	255.85	256.89	258.75	265.86
1978	270.44	252.73	256.71	263.04	265.33	265.92	270.58	269.12	268.71	277.79	280.28	283.71	293.14
1979	290.90	283.44	286.47	289.80	273.53	288.86	291.92	288.86	288.05	295.39	295.80	297.43	308.67
1980	310.78	297.82	300.64	303.86	301.64	300.96	305.29	303.42	308.87	318.79	323.21	330.89	341.96
1981	342.91	332.90	329.97	337.37	338.92	343.88	346.72	342.80	345.32	346.26	350.07	351.68	356.73
1982		336.28	352.93										
PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	6.06	5.86	5.84	5.89	5.92	5.99	6.04	6.07	6.08	6.18	6.22	6.25	6.33
1978	6.58	6.35	6.37	6.40	6.44	6.47	6.52	6.58	6.57	6.71	6.77	6.82	6.93
1979	7.13	6.93	6.97	7.00	6.96	7.08	7.12	7.15	7.13	7.24	7.25	7.29	7.42
1980	7.75	7.39	7.46	7.54	7.56	7.60	7.69	7.76	7.78	7.93	8.02	8.13	8.24
1981	8.53	8.24	8.27	8.33	8.41	8.47	8.54	8.57	8.59	8.70	8.73	8.77	8.83
1982		8.92	8.89										

See footnotes at end of tables.

SIC 24,25,32-39—DURABLE GOODS (Con.)

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	41.0	39.6	40.5	40.8	40.7	41.1	41.5	40.7	40.8	41.4	41.3	41.4	42.0
1978	41.1	39.8	40.3	41.1	41.2	41.1	41.5	40.9	40.9	41.4	41.4	41.6	42.3
1979	40.8	40.9	41.1	41.4	39.3	40.8	41.0	40.4	40.4	40.6	40.8	40.8	41.6
1980	40.1	40.3	40.3	40.3	39.9	39.6	39.7	39.1	39.7	40.2	40.3	40.7	41.5
1981	40.2	40.4	39.9	40.5	40.3	40.6	40.6	40.0	40.2	39.8	40.1	40.1	40.4
1982		37.7	39.7										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	3.7	3.2	3.2	3.4	3.4	3.6	3.8	3.6	3.7	4.0	4.0	3.9	4.0
1978	3.8	3.4	3.7	3.7	3.7	3.6	3.8	3.7	3.7	4.2	4.1	4.1	4.3
1979	3.5	3.8	3.9	3.9	2.6	3.6	3.6	3.4	3.4	3.6	3.5	3.4	3.5
1980	2.8	3.1	3.0	3.1	2.7	2.5	2.4	2.3	2.6	2.9	2.9	3.1	3.4
1981	2.8	2.9	2.8	2.9	2.7	3.0	3.0	2.8	2.9	2.8	2.7	2.5	2.6
1982		2.1	2.2										

SIC 24—LUMBER AND WOOD PRODUCTS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	721.9	671.7	676.6	686.6	701.4	716.4	740.1	739.3	750.7	750.5	749.8	742.5	737.5
1978	754.7	723.1	721.4	729.2	742.2	752.4	778.1	773.1	778.7	769.8	766.9	762.2	759.4
1979	766.9	744.7	744.0	752.8	756.1	771.8	792.1	786.2	789.4	786.0	781.5	756.7	739.2
1980	690.5	719.5	721.0	719.1	681.0	658.6	670.8	670.6	688.7	695.0	692.2	688.7	681.3
1981	668.7	666.0	664.1	666.7	676.5	692.6	699.4	696.9	691.2	680.9	654.5	629.1	606.4
1982		587.1	592.9										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	96.8	88.7	89.1	91.1	93.3	96.0	98.0	98.0	99.1	101.1	102.5	102.7	102.0
1978	107.5	101.7	101.5	102.7	105.1	106.6	109.9	108.1	109.9	110.4	111.0	111.9	111.5
1979	114.7	110.1	110.4	112.9	113.9	115.5	117.3	115.5	116.7	118.1	119.1	114.9	112.2
1980	103.2	109.1	110.2	110.4	104.1	99.1	97.8	96.4	100.7	103.1	102.5	102.6	101.8
1981	101.2	100.6	100.6	100.9	102.8	105.2	105.2	104.2	104.2	102.7	99.4	95.9	92.8
1982		90.5	89.5										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	615.3	568.6	574.4	583.2	597.6	611.4	634.0	632.4	644.1	643.2	641.4	635.2	630.1
1978	646.6	620.2	617.5	624.1	635.9	645.3	669.6	664.2	668.1	659.4	656.8	650.6	647.8
1979	653.6	633.6	633.4	641.3	643.9	658.7	677.3	671.9	675.3	671.1	667.3	644.3	624.5
1980	577.7	605.9	607.2	604.2	568.6	546.7	559.1	559.8	576.1	582.1	579.1	574.6	568.4
1981	555.7	553.9	552.3	553.9	562.9	578.2	585.6	582.7	576.9	567.8	542.3	517.1	495.1
1982		478.3	485.0										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	202.98	189.47	194.74	193.36	196.91	200.00	204.53	203.09	206.00	212.22	212.50	208.95	210.80
1978	222.88	203.74	210.21	212.91	217.74	219.05	230.52	227.43	226.23	229.60	232.70	229.43	232.18
1979	239.16	222.92	226.98	231.45	230.30	235.62	246.83	244.67	247.38	251.60	247.16	240.56	243.82
1980	252.18	236.46	242.55	242.06	231.88	239.89	251.14	256.32	265.38	267.63	264.71	265.88	267.30
1981	270.90	263.06	261.12	264.03	266.66	274.03	280.06	276.71	278.07	271.36	271.22	269.93	272.80
1982		248.71	272.63										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	5.10	4.96	4.93	4.92	4.96	5.00	5.05	5.09	5.15	5.24	5.26	5.25	5.27
1978	5.60	5.39	5.39	5.39	5.43	5.49	5.65	5.70	5.67	5.74	5.76	5.75	5.79
1979	6.07	5.79	5.82	5.83	5.89	5.95	6.14	6.21	6.20	6.29	6.21	6.20	6.22
1980	6.55	6.19	6.30	6.32	6.25	6.38	6.54	6.71	6.77	6.81	6.77	6.80	6.75
1981	7.00	6.78	6.80	6.77	6.82	6.92	7.09	7.15	7.13	7.16	7.10	7.16	7.16
1982		7.38	7.27										

See footnotes at end of tables.

SIC 24—LUMBER AND WOOD PRODUCTS (Con.)

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	39.8	38.2	39.5	39.3	39.7	40.0	40.5	39.9	40.0	40.5	40.4	39.8	40.0
1978	39.8	37.8	39.0	39.5	40.1	39.9	40.8	39.9	39.9	40.0	40.4	39.9	40.1
1979	39.4	38.5	39.0	39.7	39.1	39.6	40.2	39.4	39.9	40.0	39.8	38.8	39.2
1980	38.5	38.2	38.5	38.3	37.1	37.6	38.4	38.2	39.2	39.3	39.1	39.1	39.6
1981	38.7	38.8	38.4	39.0	39.1	39.6	39.5	38.7	39.0	37.9	38.2	37.7	38.1
1982		33.7	37.5										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	3.7	3.2	3.5	3.4	3.5	3.7	3.9	3.8	4.0	4.1	4.0	3.6	3.6
1978	3.7	3.1	3.5	3.5	3.7	3.6	3.9	3.8	3.9	3.9	4.0	3.7	3.8
1979	3.5	3.4	3.5	3.5	3.2	3.4	3.6	3.4	3.7	3.8	3.7	3.2	3.1
1980	2.8	2.7	2.8	2.9	2.3	2.3	2.5	2.5	3.0	3.2	3.1	3.0	3.1
1981	2.6	2.7	2.7	2.7	2.7	2.9	2.8	2.7	2.8	2.3	2.4	2.2	2.1
1982		1.7	2.0										

SIC 241—LOGGING CAMPS AND LOGGING CONTRACTORS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	84.2	80.2	80.7	78.4	79.3	82.5	86.5	87.8	90.2	89.7	87.4	84.6	81.3
1978	84.8	79.0	79.3	79.3	79.3	81.4	88.7	90.4	90.2	89.8	88.8	86.6	85.2
1979	86.5	82.6	83.2	82.2	79.7	84.9	92.9	94.7	95.8	93.7	93.8	90.5	88.3
1980	87.5	83.9	84.9	81.6	78.4	82.3	88.5	93.5	95.7	95.2	92.8	89.2	83.9
1981	82.0	78.7	77.8	75.4	76.0	81.4	84.8	87.6	86.9	89.9	86.2	82.9	76.4
1982		69.4	70.0										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	4.3	3.9	3.9	4.1	4.1	4.1	4.4	4.7	4.7	4.8	4.4	4.3	4.1
1978	4.7	4.2	4.4	4.6	4.5	4.7	5.0	5.1	5.2	5.0	4.9	4.7	4.6
1979	5.1	4.6	4.6	4.7	4.8	4.8	5.3	5.4	5.5	5.1	5.6	5.0	5.2
1980	5.4	5.0	4.9	5.0	5.1	5.1	5.3	5.6	5.8	6.2	6.0	5.2	5.0
1981	5.3	4.9	4.9	5.0	5.1	5.4	5.5	5.7	5.6	5.6	5.4	5.4	5.2
1982		4.8	4.9										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	69.5	66.0	66.4	64.2	65.2	68.3	73.7	73.3	75.3	74.6	72.1	69.3	66.1
1978	69.1	63.8	63.7	63.6	63.7	65.7	72.6	74.2	74.0	73.8	73.3	71.0	69.6
1979	73.1	66.9	67.7	66.7	64.1	69.5	77.3	79.2	80.3	78.7	78.8	75.2	72.6
1980	71.2	68.6	69.2	65.7	63.0	66.1	72.4	77.1	78.9	78.3	75.7	71.9	67.1
1981	64.6	61.7	60.9	58.3	58.8	63.8	67.1	69.8	69.0	72.4	68.8	65.3	59.0
1982		52.1	53.6										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	251.36	223.92	243.04	233.74	247.79	247.56	258.07	254.02	246.68	272.14	274.48	257.25	254.01
1978	286.26	240.11	259.69	266.42	273.39	275.22	301.02	299.39	293.86	305.66	319.18	293.14	300.17
1979	311.63	264.63	286.21	292.04	299.13	302.25	334.56	327.55	327.49	339.65	324.23	316.74	309.37
1980	333.50	285.19	315.36	306.12	314.71	329.34	344.92	358.90	363.51	361.89	344.58	339.53	326.48
1981	351.59	327.99	319.92	332.34	333.65	351.78	371.20	370.60	366.03	352.08	367.61	365.19	349.31
1982		294.41	364.98										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	6.58	6.22	6.20	6.20	6.37	6.43	6.55	6.53	6.74	6.96	7.02	6.86	6.81
1978	7.25	6.98	6.87	6.92	7.01	7.13	7.36	7.32	7.31	7.51	7.51	7.44	7.43
1979	7.97	7.25	7.32	7.45	7.67	7.77	8.18	8.23	8.27	8.47	8.25	8.27	8.12
1980	8.64	7.90	8.17	8.12	8.26	8.51	8.71	8.95	9.02	9.07	8.95	9.03	8.66
1981	9.18	8.70	8.67	8.70	8.85	9.02	9.35	9.43	9.29	9.49	9.45	9.56	9.39
1982		9.98	9.63										

SIC 241—LOGGING CAMPS AND LOGGING CONTRACTORS (Con.)

PRODUCTION-WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	38.2	36.0	39.2	37.7	38.9	38.5	39.4	38.9	36.6	39.1	39.1	37.5	37.3
1978	39.5	34.4	37.8	38.5	39.0	38.6	40.9	40.9	40.2	40.7	42.5	39.4	40.4
1979	39.1	36.5	39.1	39.2	39.0	38.9	40.9	39.8	39.6	40.1	39.3	38.3	38.1
1980	38.6	36.1	38.6	37.7	38.1	38.7	39.6	40.1	40.3	39.9	38.5	37.6	37.7
1981	38.3	37.7	36.9	38.2	37.7	39.0	39.7	39.3	39.4	37.1	38.9	38.2	37.2
1982		29.5	37.9										

PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	3.6	2.6	3.2	3.0	3.6	3.6	4.0	3.8	3.7	4.1	4.5	3.4	3.5
1978	4.5	3.1	4.6	4.2	4.1	3.9	4.9	4.8	4.7	4.9	5.6	4.1	4.8
1979	4.3	3.5	5.1	4.5	4.0	4.3	4.7	4.0	4.6	4.8	4.8	3.7	3.5
1980	3.7	2.8	3.1	3.2	3.2	3.4	3.8	3.8	4.7	4.6	4.3	3.4	3.6
1981	3.7	3.6	3.3	3.3	3.8	3.7	3.8	3.9	4.4	3.3	3.9	3.7	2.8
1982		2.1	2.7										

SIC 242—SAWMILLS AND PLANING MILLS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	227.9	217.2	220.1	222.0	224.9	228.0	232.9	232.0	232.6	233.5	232.0	229.9	229.5
1978	232.7	224.4	224.0	226.9	229.7	232.3	239.1	236.1	238.0	236.4	236.1	234.6	234.4
1979	237.2	230.7	230.0	233.1	232.8	237.6	244.1	244.1	244.6	243.3	240.3	234.7	230.9
1980	214.8	226.5	225.3	226.0	212.6	206.3	210.7	211.7	213.2	213.7	211.2	210.6	209.9
1981	206.2	206.4	206.3	206.1	209.8	214.5	216.6	215.5	215.1	207.4	199.0	191.2	186.9
1982		182.6	185.7										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	20.1	19.3	19.5	19.7	19.8	20.0	20.6	20.5	20.2	20.4	20.4	20.2	20.2
1978	21.3	20.2	19.9	20.5	20.8	21.2	21.8	21.2	21.8	22.0	22.1	22.1	22.4
1979	23.2	22.3	22.4	22.8	22.6	23.1	23.6	23.5	23.9	24.0	23.9	23.2	22.9
1980	20.8	22.6	22.7	22.6	21.6	20.4	20.2	19.8	20.1	19.9	19.9	20.0	20.1
1981	19.6	19.8	19.7	19.6	19.7	20.2	20.4	20.2	20.3	19.9	18.8	18.3	17.7
1982		17.5	17.1										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	203.3	192.9	195.8	197.5	200.3	203.3	208.1	206.8	208.0	208.5	207.1	205.6	205.3
1978	208.1	200.3	199.8	203.1	205.4	207.8	214.5	211.8	213.2	211.8	211.1	209.4	209.1
1979	211.9	205.3	205.0	208.3	207.8	212.4	218.5	218.4	218.9	217.6	214.8	209.4	206.1
1980	190.2	201.5	200.5	201.3	187.9	181.8	186.4	187.3	188.4	189.2	186.8	186.1	185.1
1981	181.9	181.7	181.5	181.5	185.3	190.3	192.5	190.9	190.5	183.0	174.8	167.6	163.0
1982		158.9	162.5										

PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	216.48	205.37	208.08	205.23	210.33	212.08	215.39	214.73	220.01	226.18	226.46	223.18	227.56
1978	237.86	219.57	227.77	227.36	231.84	233.70	246.03	242.35	242.13	243.17	246.19	244.01	246.63
1979	255.96	239.55	243.41	248.67	246.21	253.56	265.74	264.31	265.51	268.79	263.81	249.70	256.00
1980	260.63	247.02	254.02	251.16	233.14	242.63	257.36	264.91	274.43	275.62	270.57	274.22	282.29
1981	281.85	278.30	275.89	274.53	277.41	284.40	291.27	289.30	294.92	282.94	278.31	272.25	280.01
1982		264.62	283.88										

PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	5.28	5.16	5.10	5.08	5.13	5.16	5.19	5.25	5.34	5.45	5.47	5.47	5.51
1978	5.83	5.63	5.61	5.60	5.60	5.70	5.90	5.94	5.92	5.96	5.99	6.01	6.03
1979	6.32	6.08	6.07	6.08	6.14	6.23	6.45	6.51	6.46	6.54	6.45	6.37	6.40
1980	6.70	6.35	6.48	6.49	6.37	6.47	6.65	6.81	6.93	6.96	6.92	6.96	6.97
1981	7.19	7.01	7.02	6.95	6.97	7.11	7.30	7.38	7.41	7.33	7.21	7.26	7.33
1982		7.76	7.55										

See footnotes at end of tables.

SIC 242—SAWMILLS AND PLANING MILLS (Con.)

PRODUCTION-WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	41.0	39.8	40.8	40.4	41.0	41.1	41.5	40.9	41.2	41.5	41.4	40.8	41.3
1978	40.8	39.0	40.6	40.6	41.4	41.0	41.7	40.8	40.9	40.8	41.1	40.6	40.9
1979	40.5	39.4	40.1	40.9	40.1	40.7	41.2	40.6	41.1	41.1	40.9	39.2	40.0
1980	38.9	38.9	39.2	38.7	36.6	37.5	38.7	38.9	39.6	39.6	39.1	39.4	40.5
1981	39.2	39.7	39.3	39.5	39.8	40.0	39.9	39.2	39.8	38.6	38.6	37.5	38.2
1982		34.1	37.6										

PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	4.5	4.2	4.5	4.3	4.4	4.4	4.5	4.5	4.8	4.9	4.7	4.4	4.5
1978	4.6	3.9	4.5	4.4	4.7	4.5	4.7	4.7	4.8	4.7	4.8	4.6	4.6
1979	4.3	4.2	4.3	4.5	4.0	4.2	4.4	4.3	4.6	4.6	4.5	3.8	3.9
1980	3.4	3.5	3.7	3.6	2.7	2.8	3.1	3.2	3.7	3.7	3.5	3.5	3.7
1981	3.0	3.2	3.2	3.1	3.2	3.3	3.2	3.2	3.3	2.8	2.7	2.5	2.6
1982		2.1	2.6										

SIC 2421—SAWMILLS AND PLANING MILLS, GENERAL

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	189.3	180.1	182.4	184.7	187.3	189.9	193.9	193.7	193.5	193.8	192.1	190.2	189.5
1978	192.3	184.0	183.0	186.5	189.3	192.2	198.2	196.7	197.4	196.0	195.5	194.2	194.0
1979	196.4	190.4	189.8	192.1	192.4	196.9	202.4	203.2	203.1	202.2	199.6	194.1	191.0
1980	178.2	186.6	186.3	186.5	174.2	168.4	174.2	176.8	178.9	179.8	176.6	175.3	174.6
1981	171.5	171.0	171.3	171.1	174.4	178.9	180.8	181.2	179.5	172.2	165.1	158.0	154.6
1982		151.6	155.4										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	14.4	13.9	14.1	14.4	14.4	14.6	14.9	14.9	14.4	14.4	14.2	14.0	14.0
1978	14.7	13.9	13.5	14.1	14.3	14.7	15.1	14.9	15.2	15.2	15.2	15.2	15.4
1979	16.0	15.2	15.3	15.6	15.7	16.0	16.4	16.4	16.7	16.8	16.6	15.9	15.6
1980	14.8	15.7	15.9	15.8	15.0	14.1	14.3	14.4	14.5	14.5	14.3	14.3	14.3
1981	13.9	14.1	13.9	13.9	13.9	14.2	14.4	14.5	14.5	14.1	13.4	13.1	12.5
1982		12.3	12.1										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	169.0	160.0	162.3	164.6	167.1	169.6	173.5	172.9	173.4	173.3	171.7	170.3	169.7
1978	172.4	164.5	163.4	167.3	169.8	172.3	178.3	177.1	177.5	176.2	175.4	173.8	173.5
1979	176.0	170.0	169.7	172.3	172.4	176.5	181.8	182.3	182.3	181.4	179.0	173.8	170.8
1980	158.1	166.6	166.2	166.4	154.2	148.6	154.4	156.8	158.7	159.5	156.6	155.2	154.3
1981	151.8	151.0	151.3	151.3	154.7	159.3	161.4	161.2	159.4	152.4	145.6	139.0	135.3
1982		132.5	136.7										

PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	228.25	218.56	219.89	216.52	221.78	223.56	226.85	226.05	232.25	238.52	239.62	236.16	240.53
1978	252.15	232.85	241.54	240.72	245.02	246.60	261.24	256.88	256.46	257.26	260.80	258.45	260.76
1979	269.73	254.23	257.04	262.17	259.69	267.90	280.84	278.64	280.57	284.14	278.66	262.75	269.20
1980	274.17	259.85	267.63	264.32	244.92	256.36	271.83	279.10	288.15	289.35	283.08	288.75	296.46
1981	296.35	293.72	290.82	288.35	291.34	299.55	306.83	304.97	312.00	297.99	291.83	285.74	293.75
1982		282.08	297.75										

PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	5.54	5.41	5.35	5.32	5.37	5.40	5.44	5.50	5.61	5.72	5.76	5.76	5.81
1978	6.15	5.94	5.92	5.90	5.89	6.00	6.22	6.25	6.24	6.29	6.33	6.35	6.36
1979	6.66	6.42	6.41	6.41	6.46	6.55	6.80	6.88	6.81	6.88	6.78	6.72	6.73
1980	7.03	6.68	6.81	6.83	6.71	6.80	6.97	7.12	7.24	7.27	7.24	7.31	7.32
1981	7.56	7.38	7.40	7.30	7.32	7.47	7.69	7.76	7.80	7.72	7.58	7.64	7.71
1982		8.20	7.94										

SIC 2421—SAWMILLS AND PLANING MILLS, GENERAL (Con.)

PRODUCTION-WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	41.2	40.4	41.1	40.7	41.3	41.4	41.7	41.1	41.4	41.7	41.6	41.0	41.4
1978	41.0	39.2	40.8	40.8	41.6	42.1	42.0	41.1	41.1	40.9	41.2	40.7	41.0
1979	40.5	39.6	40.1	40.9	40.2	40.9	41.3	40.5	41.2	41.3	41.1	39.1	40.0
1980	39.0	38.9	39.3	38.7	36.5	37.7	39.0	39.2	39.8	39.8	39.1	39.5	40.5
1981	39.2	39.8	39.3	39.5	39.8	40.1	39.9	39.3	40.0	38.6	38.5	37.4	38.1
1982		34.4	37.5										

PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	4.7	4.4	4.6	4.5	4.6	4.6	4.6	4.8	5.0	5.1	4.9	4.5	4.6
1978	4.8	4.1	4.6	4.5	4.9	4.7	4.9	5.0	5.1	4.9	5.1	4.8	4.8
1979	4.6	4.4	4.5	4.8	4.3	4.4	4.7	4.6	4.9	4.9	4.8	3.9	4.1
1980	3.6	3.6	3.9	3.9	2.9	3.0	3.4	3.5	3.9	3.9	3.7	3.7	3.9
1981	3.2	3.4	3.4	3.3	3.4	3.5	3.3	3.4	3.6	2.9	2.9	2.7	2.8
1982		2.3	2.7										

SIC 2426—HARDWOOD DIMENSION AND FLOORING

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	31.9	30.7	30.9	30.5	30.7	31.4	32.3	32.0	32.7	32.8	32.9	32.8	33.1
1978	33.7	33.4	33.9	33.4	33.5	33.5	34.2	32.9	34.1	33.9	34.1	33.9	34.1
1979	34.3	34.3	34.3	34.4	33.9	34.3	34.8	34.0	34.6	34.3	34.3	34.2	33.7
1980	30.8	33.6	32.9	33.5	32.4	31.6	30.4	28.4	28.9	28.5	29.1	29.8	30.1
1981	29.8	30.0	30.1	30.2	30.6	30.9	31.1	29.7	30.4	25.9	28.9	28.2	27.7
1982		27.0	26.4										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	28.3	27.3	27.5	27.0	27.2	27.9	28.7	28.3	29.0	29.1	29.2	29.2	29.4
1978	29.8	29.6	30.1	29.6	29.6	29.7	30.3	29.1	30.1	29.8	30.0	29.6	30.0
1979	30.0	30.0	30.1	30.1	29.6	30.1	30.5	29.9	30.4	30.1	30.0	29.8	29.5
1980	26.7	29.3	28.7	29.3	28.2	27.4	26.3	24.6	24.8	24.7	25.2	25.8	26.1
1981	25.7	25.9	25.9	26.0	26.4	26.8	27.0	25.6	26.5	25.9	24.9	24.2	23.7
1982		23.0	22.4										

PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	146.37	132.04	141.69	140.98	140.58	145.84	147.29	145.64	149.45	150.63	151.03	151.10	155.74
1978	159.98	145.92	156.35	157.12	157.92	158.76	158.37	159.20	160.80	163.22	165.64	166.87	169.74
1979	172.83	165.92	171.37	171.36	167.98	170.31	173.32	175.80	172.80	175.47	176.88	175.08	180.14
1980	181.89	180.29	179.08	179.93	175.18	173.72	176.81	176.15	184.69	185.28	187.40	191.66	197.96
1981	198.97	195.72	196.21	196.52	197.01	196.71	201.20	200.55	201.96	196.86	200.46	200.20	202.15
1982		172.78	200.26										

PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	3.65	3.54	3.56	3.56	3.55	3.61	3.61	3.65	3.69	3.71	3.72	3.74	3.78
1978	3.96	3.82	3.87	3.87	3.88	3.92	3.92	3.97	4.00	4.04	4.04	4.10	4.13
1979	4.31	4.19	4.19	4.20	4.21	4.29	4.29	4.33	4.32	4.42	4.40	4.41	4.47
1980	4.70	4.53	4.58	4.59	4.61	4.67	4.69	4.71	4.76	4.80	4.83	4.84	4.90
1981	5.05	4.93	4.93	4.95	4.95	4.98	5.03	5.09	5.10	5.10	5.14	5.20	5.21
1982		5.30	5.27										

PRODUCTION-WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	40.1	37.3	39.8	39.6	39.6	40.4	40.8	39.9	40.5	40.6	40.6	40.4	41.2
1978	40.4	38.2	40.4	40.6	40.7	40.5	40.4	40.1	40.2	40.4	41.0	40.7	41.1
1979	40.1	39.6	40.9	40.8	39.9	39.7	40.4	40.6	40.0	39.7	40.2	39.7	40.3
1980	38.7	39.8	39.1	39.2	38.0	37.2	37.7	37.4	38.8	38.6	38.8	39.6	40.4
1981	39.4	39.7	39.8	39.7	39.8	39.5	40.0	39.4	39.6	38.6	39.0	38.5	38.8
1982		32.6	38.0										

See footnotes at end of tables.

SIC 2426—HARDWOOD DIMENSION AND FLOORING (Con.)

PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	3.8	3.2	3.9	3.6	3.5	3.9	4.2	3.4	4.0	4.1	3.9	3.8	4.2
1978	3.8	3.3	3.9	4.0	3.9	3.9	3.8	3.3	4.0	3.9	3.9	3.6	3.8
1979	3.3	3.3	3.5	3.5	2.9	3.2	3.4	3.2	3.3	3.4	3.4	3.3	3.4
1980	2.5	3.1	2.8	2.8	2.2	2.0	1.9	1.8	2.4	2.4	2.6	2.6	3.1
1981	2.3	2.6	2.7	2.5	2.4	2.5	2.6	2.2	2.3	2.2	2.2	2.1	1.7
1982		1.2	1.8										

SIC 243—MILLWORK, PLYWOOD, AND STRUCTURAL MEMBERS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	206.7	189.3	190.1	194.2	199.8	203.9	210.2	211.6	215.4	215.7	217.4	216.5	216.7
1978	222.6	214.5	213.3	215.8	218.3	221.5	228.0	227.7	229.4	226.6	224.7	225.1	225.7
1979	226.3	223.2	222.4	224.3	226.8	230.4	232.6	229.6	229.1	229.6	229.7	221.9	215.9
1980	199.5	213.2	211.9	211.1	198.4	186.3	189.3	188.0	196.0	199.9	199.4	200.1	200.2
1981	191.7	197.9	195.6	196.7	197.3	200.4	200.0	197.4	194.3	191.3	183.9	174.9	170.6
1982		168.6	166.1										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	37.7	33.4	33.5	34.4	35.8	37.1	37.8	38.1	38.8	40.0	40.9	41.1	41.3
1978	43.3	40.7	40.5	40.7	41.4	42.5	44.1	43.8	44.2	44.9	45.0	45.7	45.8
1979	46.8	45.0	44.8	46.0	46.6	47.4	47.7	47.1	47.5	48.3	48.7	46.9	45.7
1980	41.0	44.5	45.2	44.8	41.5	38.9	37.6	37.2	39.9	40.9	40.2	40.7	40.0
1981	40.1	40.4	40.5	40.5	41.5	42.5	41.7	41.5	41.3	40.2	38.9	36.8	35.4
1982		34.9	34.1										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	175.6	159.6	160.5	164.5	169.7	173.1	179.1	180.3	183.7	183.7	184.8	184.3	184.1
1978	188.6	182.2	181.1	182.5	185.0	187.9	194.2	193.5	194.7	191.9	190.0	189.6	190.3
1979	190.0	187.8	187.2	188.7	191.0	193.9	195.9	193.3	193.3	192.6	192.8	184.9	178.8
1980	163.8	176.4	175.1	174.1	162.2	151.1	153.9	152.8	160.9	164.6	164.2	164.8	165.2
1981	157.9	163.7	161.9	162.4	163.3	166.1	166.1	163.3	160.2	157.6	150.8	141.8	137.7
1982		136.4	134.0										

PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	200.59	189.42	192.08	192.67	193.06	197.20	200.97	199.58	203.49	207.25	207.43	207.88	212.10
1978	220.89	211.14	211.14	213.84	218.69	217.46	228.78	224.14	221.92	223.68	224.47	226.63	230.11
1979	232.65	223.88	225.23	228.13	226.59	230.30	234.83	232.76	236.19	240.95	240.37	235.90	239.07
1980	246.79	236.01	239.47	241.40	227.30	233.38	243.21	240.04	252.32	257.67	261.10	265.99	266.53
1981	265.27	261.80	260.94	264.21	265.20	269.00	276.11	268.42	267.19	260.77	260.63	261.80	268.55
1982		253.77	263.84										

PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	5.04	4.92	4.90	4.89	4.90	4.93	4.95	5.04	5.10	5.13	5.16	5.21	5.25
1978	5.55	5.40	5.40	5.40	5.44	5.45	5.58	5.66	5.59	5.62	5.64	5.68	5.71
1979	5.95	5.77	5.79	5.79	5.84	5.86	5.93	6.03	6.01	6.10	6.07	6.08	6.13
1980	6.41	6.13	6.22	6.27	6.16	6.24	6.35	6.47	6.52	6.59	6.61	6.70	6.68
1981	6.89	6.73	6.76	6.74	6.80	6.81	6.99	6.99	6.94	7.01	6.95	7.00	7.03
1982		7.23	7.15										

PRODUCTION-WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	39.8	38.5	39.2	39.4	39.4	40.0	40.6	39.6	39.9	40.4	40.2	39.9	40.4
1978	39.8	39.1	39.1	39.6	40.2	39.9	41.0	39.6	39.7	39.8	39.8	39.9	40.3
1979	39.1	38.8	38.9	39.4	38.8	39.3	39.6	38.6	39.4	39.5	39.6	38.8	39.0
1980	38.5	38.5	38.5	38.5	36.9	37.4	38.3	37.1	38.7	39.1	39.5	39.7	39.9
1981	38.5	38.9	38.6	39.2	39.0	39.5	39.5	38.4	38.5	37.2	37.5	37.4	38.2
1982		35.1	36.9										

SIC 243—MILLWORK, PLYWOOD, AND STRUCTURAL MEMBERS

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	3.4	2.9	3.1	3.0	3.0	3.4	3.6	3.5	3.8	3.9	3.6	3.3	3.5
1978	3.2	3.0	2.9	2.9	3.2	3.1	3.3	3.3	3.3	3.4	3.3	3.3	3.5
1979	2.9	3.1	2.9	2.9	2.6	2.9	2.9	2.9	3.0	3.3	3.0	2.6	2.6
1980	2.3	2.3	2.3	2.4	1.8	1.7	1.9	1.8	2.2	2.5	2.6	2.9	2.9
1981	2.1	2.4	2.3	2.3	2.3	2.4	2.5	2.0	2.2	1.7	1.6	1.5	1.6
1982		1.3	1.4										

SIC 2431—MILLWORK

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	74.7	69.3	69.4	70.7	72.2	73.4	75.8	76.2	77.9	77.7	78.4	77.6	77.7
1978	78.8	76.9	76.0	77.5	78.1	78.9	80.8	80.8	80.6	79.5	78.8	78.3	79.2
1979	77.7	78.2	77.5	77.4	77.9	78.9	78.5	77.5	77.5	78.5	79.0	77.1	74.7
1980	69.8	75.3	75.4	75.5	69.8	63.8	64.6	64.8	68.0	69.9	69.5	70.3	70.2
1981	67.4	69.7	68.4	68.3	69.0	70.2	70.5	70.0	68.5	67.4	64.9	61.5	59.9
1982		59.5	58.7										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	61.6	56.5	56.5	57.8	59.4	60.4	62.7	63.2	64.6	64.4	64.7	64.3	64.1
1978	65.1	63.7	62.7	63.7	64.4	65.3	67.2	67.1	66.8	65.8	65.1	64.4	65.1
1979	63.4	64.6	63.8	63.4	63.6	64.5	64.0	63.1	63.2	63.7	64.3	62.4	60.3
1980	55.7	60.9	60.8	60.8	55.4	49.9	50.7	50.9	54.2	56.2	56.0	56.6	56.5
1981	53.9	56.1	54.9	55.0	55.6	56.6	57.0	56.3	54.9	53.8	51.7	48.3	46.8
1982		46.4	45.5										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	190.00	178.69	180.26	182.44	183.22	187.70	191.35	188.16	193.43	196.80	195.82	196.12	198.19
1978	208.29	196.47	198.02	201.37	205.52	206.06	210.14	211.58	213.84	214.09	210.30	213.10	216.61
1979	222.71	210.72	212.39	216.12	214.86	220.00	221.87	221.54	225.23	232.25	233.04	232.46	236.79
1980	245.88	231.17	239.40	242.11	231.63	238.01	239.53	231.78	243.58	257.54	260.43	264.54	266.79
1981	268.35	256.70	257.56	261.03	262.96	270.97	277.29	270.72	268.48	271.93	271.74	276.14	280.14
1982		269.75	276.29										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	4.81	4.69	4.67	4.68	4.71	4.74	4.76	4.80	4.86	4.92	4.92	4.94	4.93
1978	5.30	5.09	5.13	5.15	5.19	5.23	5.28	5.37	5.40	5.42	5.42	5.45	5.47
1979	5.74	5.56	5.56	5.57	5.61	5.67	5.66	5.83	5.79	5.85	5.87	5.93	6.01
1980	6.37	6.02	6.17	6.24	6.21	6.33	6.32	6.35	6.41	6.57	6.56	6.63	6.62
1981	6.97	6.72	6.76	6.78	6.83	6.86	7.02	7.05	7.01	7.10	7.17	7.21	7.22
1982		7.35	7.29										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	39.5	38.1	38.6	38.9	38.9	39.6	40.2	39.2	39.8	40.0	39.8	39.7	40.2
1978	39.3	38.6	38.6	39.1	39.6	39.4	39.8	39.4	39.6	39.5	38.8	39.1	39.6
1979	38.8	37.9	38.2	38.8	38.3	38.8	39.2	38.0	38.9	39.7	39.7	39.2	39.4
1980	38.6	38.4	38.8	38.8	37.3	37.6	37.9	36.5	38.0	39.2	39.7	39.9	40.3
1981	38.5	38.2	38.1	38.5	38.5	39.5	39.5	38.4	38.3	38.3	37.9	38.3	38.8
1982		36.7	37.9										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	2.6	1.9	2.0	2.0	2.1	2.6	2.9	2.7	3.1	3.2	2.7	2.6	2.8
1978	2.4	2.2	2.2	2.2	2.3	2.4	2.5	2.4	2.5	2.6	2.2	2.3	2.7
1979	1.9	2.0	1.9	1.8	1.6	1.7	1.8	1.6	2.0	2.2	2.0	1.7	1.8
1980	1.7	1.4	1.5	1.5	1.4	1.3	1.5	1.1	1.5	1.8	2.0	2.5	2.6
1981	1.5	1.9	1.5	1.6	1.6	1.9	1.9	1.3	1.8	1.2	1.2	1.1	1.2
1982		.8	1.0										

See footnotes at end of tables.

SIC 2434—WOOD KITCHEN CABINETS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	44.2	37.7	38.6	40.2	42.2	43.5	44.4	45.1	46.2	47.5	48.2	48.3	49.0
1978	50.0	48.2	47.7	47.6	48.0	49.3	51.2	51.4	52.4	51.3	50.7	51.2	51.5
1979	54.1	51.1	51.4	53.0	53.9	55.0	56.4	55.1	55.6	55.3	55.5	53.5	53.0
1980	48.4	51.6	51.4	50.8	50.2	48.8	46.8	46.1	46.4	47.0	47.2	47.0	47.7
1981	46.1	47.2	47.2	47.7	47.5	47.7	47.6	47.3	47.0	45.9	45.0	42.3	41.3
1982		40.6	39.6										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	37.1	31.0	31.9	33.5	35.2	36.3	37.2	37.8	39.0	40.1	40.9	40.9	41.2
1978	41.9	40.6	40.4	39.8	40.3	41.3	43.2	43.2	44.1	42.8	42.0	42.2	42.8
1979	45.7	42.5	43.2	44.8	45.6	46.4	47.6	46.5	47.5	47.0	47.3	45.1	44.3
1980	39.8	42.9	42.9	42.2	41.6	40.2	38.1	37.6	38.2	38.7	38.2	37.9	38.5
1981	37.0	38.2	38.3	38.2	38.3	38.4	38.6	38.2	38.0	36.5	35.7	33.1	32.0
1982		31.7	30.8										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	174.93	161.72	162.99	165.02	165.76	173.04	179.64	172.05	178.69	182.44	183.14	182.60	185.55
1978	199.95	188.23	189.48	190.64	197.18	197.37	202.87	200.59	201.61	206.52	203.82	207.50	208.01
1979	207.31	207.04	203.04	205.36	200.71	207.04	209.88	198.74	203.58	209.69	214.18	212.06	214.33
1980	218.36	215.22	210.19	209.92	214.85	209.60	216.02	207.31	222.43	223.50	226.98	230.72	241.64
1981	234.87	236.94	229.03	236.50	231.36	239.51	244.68	227.79	235.99	229.60	230.11	236.43	239.84
1982		228.76	236.08										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	4.64	4.53	4.49	4.46	4.48	4.59	4.63	4.65	4.69	4.69	4.72	4.78	4.87
1978	5.14	5.06	5.08	5.03	5.03	5.10	5.11	5.21	5.13	5.15	5.16	5.24	5.32
1979	5.47	5.42	5.40	5.39	5.41	5.42	5.48	5.43	5.40	5.53	5.52	5.61	5.67
1980	5.87	5.59	5.62	5.72	5.76	5.79	5.87	5.94	5.90	5.96	6.01	6.12	6.26
1981	6.28	6.20	6.19	6.24	6.27	6.27	6.29	6.19	6.31	6.36	6.27	6.39	6.43
1982		6.67	6.65										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	37.7	35.7	36.3	37.0	37.0	37.7	38.8	37.0	38.1	38.9	38.8	38.2	38.1
1978	38.9	37.2	37.3	37.9	39.2	38.7	39.7	38.5	39.3	40.1	39.5	39.6	39.1
1979	37.9	38.2	37.6	38.1	37.1	38.2	38.3	36.6	37.7	37.9	38.8	37.8	37.8
1980	37.2	38.5	37.4	36.7	37.3	36.2	36.8	34.9	37.7	37.5	37.6	37.7	38.6
1981	37.4	38.2	37.0	37.9	36.9	38.2	38.9	36.8	37.4	36.1	36.7	37.0	37.3
1982		34.3	35.5										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	2.4	2.1	1.9	1.4	1.8	2.3	2.4	2.5	2.9	3.1	2.9	2.4	2.5
1978	2.3	2.0	1.7	1.8	2.0	2.2	2.5	2.6	2.6	2.5	2.5	2.5	2.9
1979	2.2	2.6	2.2	2.2	1.8	2.4	2.4	2.3	2.1	2.1	2.0	1.9	2.1
1980	1.5	2.1	1.7	1.6	1.6	1.2	1.3	1.0	1.1	1.3	1.6	1.5	1.8
1981	1.3	1.6	1.3	1.5	1.0	1.3	1.8	1.2	1.6	1.2	1.1	1.3	1.2
1982		.8	.8										

SIC 2435—HARDWOOD VENEER AND PLYWOOD

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	26.3	26.1	25.8	25.7	26.2	26.3	26.7	26.0	26.4	26.3	26.5	26.8	26.6
1978	27.5	26.6	26.9	27.1	27.5	27.3	27.9	26.9	27.7	27.7	27.8	28.2	28.3
1979	27.9	28.1	28.3	28.3	28.6	28.5	28.3	27.3	27.7	27.6	27.6	27.4	26.7
1980	24.8	26.7	26.2	26.4	25.9	24.3	23.9	22.6	24.2	24.3	24.2	24.6	24.8
1981	24.8	24.8	24.8	25.2	25.3	25.7	25.8	24.7	25.4	25.1	24.6	23.7	22.7
1982		22.2	22.4										

SIC 2435—HARDWOOD VENEER AND PLYWOOD (Con.)

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	23.3	23.1	22.8	22.7	23.3	23.3	23.7	23.1	23.4	23.3	23.4	23.8	23.6
1978	24.6	23.5	24.0	24.2	24.5	24.4	25.0	24.1	24.7	24.8	24.8	25.3	25.4
1979	24.8	25.2	25.3	25.3	25.5	24.4	25.3	24.2	24.6	24.5	24.5	24.4	23.6
1980	21.9	23.8	23.4	23.5	22.8	21.4	21.1	19.7	21.0	21.2	21.2	21.5	21.8
1981	21.8	21.8	21.7	22.1	22.2	22.7	22.7	21.7	22.3	22.1	21.7	20.8	19.8
1982		19.3	19.6										

PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	168.09	156.39	166.04	165.24	163.61	164.42	168.50	165.63	169.72	174.70	175.12	171.72	176.76
1978	180.50	173.09	178.53	179.08	181.97	181.48	184.09	172.90	177.75	177.58	183.37	184.28	189.11
1979	188.80	183.41	182.56	186.13	184.32	185.18	185.14	187.78	191.83	197.64	194.32	191.60	199.34
1980	196.28	189.34	189.81	197.90	183.92	182.31	186.69	185.63	198.53	202.91	207.60	213.27	221.12
1981	220.44	214.00	218.02	221.08	221.54	225.63	228.67	215.99	224.54	216.22	218.50	215.95	223.11
1982		196.65	216.98										

PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	4.13	4.01	4.03	4.06	4.07	4.08	4.08	4.11	4.17	4.23	4.23	4.24	4.28
1978	4.49	4.36	4.43	4.40	4.46	4.47	4.49	4.55	4.50	4.53	4.55	4.55	4.59
1979	4.72	4.62	4.61	4.63	4.69	4.70	4.64	4.73	4.76	4.88	4.81	4.79	4.85
1980	5.02	4.88	4.93	4.96	4.84	4.76	4.90	4.99	5.13	5.15	5.19	5.24	5.29
1981	5.47	5.35	5.37	5.34	5.43	5.45	5.51	5.51	5.49	5.53	5.49	5.58	5.62
1982		5.70	5.71										

PRODUCTION-WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	40.7	39.0	41.2	40.7	40.2	40.3	41.3	40.3	40.7	41.3	41.4	40.5	41.3
1978	40.2	39.7	40.3	40.7	40.8	40.6	41.0	38.0	39.5	39.2	40.3	40.5	41.2
1979	40.0	39.7	39.6	40.2	39.3	39.4	39.9	39.7	40.3	40.5	40.4	40.0	41.1
1980	39.1	38.8	38.5	39.9	38.0	38.3	38.1	37.2	38.7	39.4	40.0	40.7	41.8
1981	40.3	40.0	40.6	41.4	40.8	41.4	41.5	39.2	40.9	39.1	39.8	38.7	39.7
1982		34.5	38.0										

PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	4.1	3.1	4.4	4.3	3.6	3.9	4.2	3.8	4.5	4.5	4.4	4.0	4.2
1978	3.8	3.7	3.9	3.8	4.0	3.8	4.0	3.6	3.9	3.8	3.8	3.9	3.9
1979	3.7	3.6	3.6	3.7	3.3	3.6	3.6	3.6	3.7	4.1	4.0	3.9	3.8
1980	3.0	3.1	2.8	3.5	2.6	2.3	2.2	2.0	2.9	3.6	3.5	3.5	3.9
1981	3.2	3.3	3.6	3.8	3.6	3.9	3.7	3.0	3.3	2.6	2.6	2.2	2.1
1982		1.9	2.1										

SIC 2436—SOFTWOOD VENEER AND PLYWOOD

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	46.9	45.0	45.0	45.5	45.8	46.3	47.5	48.0	48.3	47.9	48.0	47.9	47.9
1978	49.1	47.8	48.2	48.5	48.7	49.0	50.2	50.0	49.9	49.5	49.1	49.1	49.0
1979	48.7	48.8	48.9	48.6	48.6	49.9	50.6	50.2	49.2	49.0	48.3	46.8	45.2
1980	40.7	43.5	42.8	42.5	37.5	35.0	39.4	39.4	41.4	42.4	41.6	41.6	41.6
1981	39.2	41.1	41.2	40.5	40.6	41.3	41.0	40.4	38.8	39.1	36.5	34.9	34.6
1982		34.5	34.3										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	41.8	40.3	40.4	40.9	41.0	41.3	42.4	42.7	42.9	42.4	42.5	42.4	42.4
1978	43.2	42.3	42.6	42.9	43.0	43.3	44.3	44.0	43.8	43.4	43.2	43.0	43.0
1979	42.2	42.2	42.3	42.0	42.1	43.5	44.1	43.9	42.8	42.7	41.9	40.4	38.8
1980	35.0	37.1	36.6	36.2	31.8	29.5	33.6	33.7	35.7	36.4	36.1	36.3	36.5
1981	34.8	36.4	36.7	36.0	36.2	36.8	36.6	36.0	34.4	35.1	32.5	30.8	30.4
1982		30.6	30.3										

SIC 2436—SOFTWOOD VENEER AND PLYWOOD (Con.)

PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	259.17	246.41	246.60	246.38	249.42	252.28	252.60	258.13	260.76	268.16	271.05	273.97	282.63
1978	289.95	284.60	278.30	277.64	285.60	280.13	314.43	301.14	284.62	286.63	290.90	293.97	299.29
1979	303.81	291.10	297.88	302.63	302.09	299.71	310.02	306.83	316.16	315.93	310.78	294.91	297.22
1980	312.84	303.03	308.85	308.88	265.52	293.76	315.34	314.02	328.45	326.42	328.03	336.15	321.05
1981	323.33	326.36	326.36	327.64	334.14	327.06	339.89	338.72	328.80	306.21	303.36	298.78	313.22
1982		299.98	310.62										

PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	6.23	6.01	6.00	5.98	6.01	5.95	6.00	6.25	6.36	6.40	6.50	6.57	6.65
1978	6.97	6.76	6.69	6.69	6.80	6.75	7.13	7.17	7.08	7.13	7.13	7.17	7.16
1979	7.52	7.17	7.23	7.24	7.35	7.31	7.58	7.69	7.73	7.82	7.75	7.68	7.74
1980	7.94	7.77	7.76	7.80	7.63	7.69	7.71	7.97	8.09	8.12	8.16	8.30	8.19
1981	8.42	8.20	8.20	8.13	8.23	8.28	8.76	8.73	8.63	8.65	8.45	8.44	8.42
1982		8.67	8.51										

PRODUCTION-WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	41.6	41.0	41.1	41.2	41.5	42.4	42.1	41.3	41.0	41.9	41.7	41.7	42.5
1978	41.6	42.1	41.6	41.5	42.0	41.5	44.1	42.0	40.2	40.2	40.8	41.0	41.8
1979	40.4	40.6	41.2	41.8	41.1	41.0	40.9	39.9	40.9	40.4	40.1	38.4	38.4
1980	39.4	39.0	39.8	39.6	34.8	38.2	40.9	39.4	40.6	40.2	40.2	40.5	39.2
1981	38.4	39.8	39.8	40.3	40.6	39.5	38.8	38.8	38.1	35.4	35.9	35.4	37.2
1982		34.6	36.5										

PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	5.0	5.0	4.9	4.9	5.0	5.1	4.7	4.9	5.0	5.3	5.3	4.9	5.0
1978	4.9	5.0	5.0	4.7	5.2	4.7	4.8	4.7	4.8	4.9	5.0	5.0	5.0
1979	4.6	5.0	4.8	5.1	4.7	4.8	4.4	4.3	4.8	5.2	4.8	4.0	3.7
1980	3.6	3.7	4.2	4.1	2.3	2.6	3.0	3.2	4.0	3.7	3.7	4.2	3.7
1981	2.9	3.5	3.6	3.4	3.7	3.4	3.1	3.1	2.9	2.2	2.0	1.9	2.0
1982		2.1	2.1										

SIC 244—WOOD CONTAINERS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	42.0	39.8	40.3	41.4	42.1	42.4	43.3	42.7	43.0	42.4	42.0	42.3	42.1
1978	44.4	41.7	42.0	42.5	44.0	43.7	46.0	45.6	46.0	44.6	45.3	45.5	45.5
1979	46.9	45.5	46.7	47.5	48.3	48.5	48.5	48.0	46.8	46.5	46.4	45.2	45.0
1980	42.5	43.4	44.3	44.9	44.1	43.5	43.1	41.4	40.6	40.9	41.2	40.9	41.2
1981	41.6	40.9	41.3	41.8	42.2	42.8	43.5	43.2	42.0	41.7	40.9	39.6	38.8
1982		38.1	39.3										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	7.2	6.9	7.1	7.2	7.3	7.5	7.5	7.2	7.2	7.2	7.2	7.2	7.3
1978	7.2	7.2	7.0	6.9	7.3	7.0	7.6	7.4	7.4	7.3	7.4	7.3	7.1
1979	7.6	7.4	7.4	7.7	7.8	7.8	8.0	7.9	7.5	7.6	7.5	7.3	7.3
1980	7.0	6.9	7.1	7.3	6.9	7.0	7.0	7.0	6.9	7.1	7.0	7.1	7.2
1981	6.9	6.8	6.7	6.7	6.8	7.2	7.1	7.0	6.9	6.9	6.8	6.8	6.8
1982		6.5	6.7										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	37.1	34.9	35.5	36.5	37.3	37.5	38.3	37.7	38.0	37.4	37.0	37.3	37.2
1978	39.1	36.6	36.9	37.4	39.0	38.5	40.6	40.2	40.6	39.4	40.1	40.2	40.1
1979	41.3	40.1	41.4	42.0	43.0	43.0	42.9	42.5	41.0	40.8	40.8	39.5	39.0
1980	36.8	37.8	38.6	39.0	38.2	37.7	37.3	35.7	35.1	35.4	35.5	35.3	35.7
1981	35.5	35.2	35.4	36.0	36.1	36.8	37.5	37.0	35.9	35.4	34.7	33.3	32.6
1982		31.6	33.0										

See footnotes at end of tables.

SIC 244—WOOD CONTAINERS (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	144.40	132.40	140.58	140.56	140.98	144.72	147.43	144.78	145.92	148.22	148.61	146.30	149.76
1978	156.18	139.48	148.45	152.82	154.71	157.12	157.47	160.19	158.12	158.30	160.44	162.09	162.89
1979	170.69	158.61	164.00	168.35	166.06	169.02	172.66	169.10	172.21	177.79	175.18	175.31	179.63
1980	184.64	180.27	178.82	184.35	180.31	181.92	179.71	178.12	184.14	189.76	191.77	191.49	197.84
1981	206.82	195.41	198.44	206.28	209.06	213.49	212.22	202.75	205.25	204.37	208.67	210.86	215.63
1982		186.78	208.03										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.78	3.74	3.68	3.67	3.71	3.73	3.79	3.79	3.81	3.84	3.86	3.84	3.84
1978	4.11	3.94	3.98	3.99	4.05	4.06	4.09	4.15	4.15	4.21	4.20	4.21	4.22
1979	4.48	4.31	4.35	4.35	4.37	4.39	4.45	4.45	4.52	4.63	4.61	4.65	4.69
1980	4.95	4.82	4.82	4.89	4.86	4.93	4.91	4.88	4.95	5.02	5.06	5.12	5.22
1981	5.40	5.31	5.32	5.40	5.43	5.46	5.40	5.28	5.29	5.35	5.42	5.52	5.63
1982		5.66	5.46										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	38.2	35.4	38.2	38.3	38.0	38.8	38.9	38.2	38.3	38.6	38.5	38.1	39.0
1978	38.0	35.4	37.3	38.3	38.2	38.7	38.5	38.6	38.1	37.6	38.2	38.5	38.6
1979	38.1	36.8	37.7	38.7	38.0	38.5	38.8	38.0	38.1	38.4	38.0	37.7	38.3
1980	37.3	37.4	37.1	37.7	37.1	36.9	36.6	36.5	37.2	37.8	37.9	37.4	37.9
1981	38.3	36.8	37.3	38.2	38.5	39.1	39.3	38.4	38.8	38.2	38.5	38.2	38.3
1982		33.0	38.1										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	2.9	2.5	3.0	3.0	2.7	3.0	3.2	2.8	2.9	3.1	3.2	2.8	3.1
1978	3.1	2.3	2.9	3.0	3.2	3.5	3.5	3.3	3.0	3.0	3.1	3.1	3.2
1979	2.8	2.8	3.0	3.1	2.9	3.0	3.0	2.6	2.7	3.3	2.7	2.4	2.6
1980	2.0	2.2	2.4	2.6	2.0	1.9	1.7	1.4	1.6	2.0	1.9	1.6	2.0
1981	2.1	1.7	1.7	2.0	2.2	2.6	2.5	2.1	2.2	2.0	2.2	2.2	1.8
1982		1.5	1.8										

SIC 245—WOOD BUILDINGS AND MOBILE HOMES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	82.1	69.2	69.0	73.5	77.5	80.8	85.0	86.2	89.7	89.4	90.2	88.2	86.8
1978	87.3	82.8	81.7	82.6	88.1	90.3	92.4	91.1	91.7	89.2	87.9	85.9	84.1
1979	83.4	78.7	77.4	81.0	83.6	85.5	88.4	87.2	88.3	87.4	86.0	81.4	75.3
1980	65.6	69.6	71.2	71.2	64.9	60.7	59.4	59.7	64.6	65.8	67.1	67.5	65.2
1981	66.4	62.3	62.5	65.4	69.3	71.4	70.9	71.4	70.6	69.2	64.6	62.2	57.5
1982		53.5	56.8										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	9.2	7.8	7.9	8.2	8.5	9.0	9.3	9.5	9.8	10.1	10.4	10.4	9.6
1978	10.6	10.0	10.0	9.9	10.7	10.7	10.7	10.8	10.9	11.0	11.0	11.0	10.7
1979	10.9	10.2	10.2	10.6	10.8	11.2	11.5	11.2	11.3	11.3	11.3	10.8	9.9
1980	8.4	9.4	9.4	9.3	8.4	7.7	7.6	7.5	8.0	8.3	8.4	8.4	8.1
1981	8.5	8.0	7.9	8.3	8.7	9.0	9.2	8.8	8.9	8.8	8.5	8.0	7.6
1982		7.1	7.1										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	65.8	53.9	54.2	57.9	61.7	64.7	68.7	69.3	72.9	72.7	73.1	71.2	69.6
1978	72.0	69.9	68.2	68.7	73.3	75.5	77.0	75.4	75.3	72.6	71.4	69.2	67.4
1979	66.2	62.5	60.9	64.0	66.4	68.4	70.8	69.7	71.1	69.7	68.6	64.1	58.3
1980	48.9	52.9	54.6	54.2	48.6	44.3	43.3	44.4	48.2	48.9	50.0	49.8	48.0
1981	48.5	45.3	45.4	47.8	50.9	52.6	52.5	53.2	52.2	51.2	46.5	43.8	40.2
1982		37.7	39.5										

See footnotes at end of tables.

SIC 245—WOOD BUILDINGS AND MOBILE HOMES (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	182.83	166.44	167.98	175.94	178.10	184.16	186.68	186.12	190.88	191.97	189.67	187.68	182.09
1978	197.60	175.64	178.83	186.50	195.64	201.11	204.88	198.60	204.34	206.27	211.29	206.36	201.47
1979	211.31	196.91	195.47	202.95	204.24	213.36	216.21	210.74	219.25	221.55	218.11	215.05	216.88
1980	222.16	209.57	204.86	210.10	208.55	210.98	218.13	222.77	234.98	239.90	242.82	236.63	233.50
1981	233.85	219.75	219.80	222.89	239.20	245.97	244.60	241.24	239.65	236.09	230.40	229.91	232.05
1982		195.00	237.30										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.70	4.56	4.54	4.63	4.65	4.71	4.75	4.70	4.69	4.74	4.73	4.60	4.63
1978	5.20	4.92	4.94	5.00	5.10	5.17	5.20	5.24	5.28	5.33	5.39	5.36	5.46
1979	5.62	5.38	5.46	5.50	5.52	5.60	5.66	5.59	5.68	5.71	5.68	5.75	5.83
1980	6.12	5.92	5.87	6.02	6.01	6.08	6.11	6.12	6.20	6.28	6.34	6.26	6.25
1981	6.46	6.19	6.28	6.35	6.43	6.49	6.54	6.52	6.53	6.54	6.49	6.55	6.63
1982		6.61	6.61										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	38.9	36.5	37.0	38.0	38.3	39.1	39.3	39.6	40.7	40.5	40.1	39.1	37.7
1978	38.0	35.7	36.2	37.3	38.4	38.9	39.4	37.9	38.7	38.7	39.2	38.5	36.9
1979	37.6	36.6	35.8	36.9	37.0	38.1	38.2	37.7	38.6	38.8	38.4	37.4	37.2
1980	36.3	35.4	34.9	34.9	34.7	34.7	35.7	36.4	37.9	38.2	38.3	37.6	37.3
1981	36.2	35.5	35.0	35.1	37.2	37.9	37.4	37.0	36.7	36.1	35.5	35.1	35.0
1982		29.5	35.9										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	2.7	2.0	1.6	2.0	2.3	2.9	3.1	3.1	3.4	3.4	2.9	2.5	2.1
1978	2.3	1.6	1.7	1.7	2.2	2.4	2.9	2.6	2.8	2.7	2.7	2.3	2.1
1979	2.0	1.9	1.5	1.5	1.5	2.0	2.1	2.1	2.4	2.4	2.4	2.0	1.7
1980	1.5	1.3	1.2	1.1	.9	.9	1.1	1.3	1.8	2.2	2.3	2.1	1.9
1981	1.4	1.3	1.3	1.3	1.6	1.8	1.7	1.8	1.6	1.1	1.0	.6	.7
1982		4	1.2										

SIC 2451—MOBILE HOMES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	56.7	49.4	50.1	52.2	54.1	55.5	57.9	58.2	60.7	61.4	61.7	60.3	59.4
1978	59.6	57.2	57.6	57.5	60.4	61.0	61.8	61.1	61.5	60.6	60.2	58.6	57.7
1979	57.5	54.4	54.1	56.0	57.5	58.4	60.2	59.2	60.9	60.7	59.7	56.2	52.3
1980	46.2	49.5	51.7	50.8	46.4	42.5	41.7	40.9	44.8	45.9	47.1	47.4	45.5
1981	47.4	43.9	44.1	46.5	49.7	50.8	50.6	50.4	49.9	50.0	46.9	45.3	41.7
1982		39.3	43.4										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	46.6	39.8	40.7	42.3	44.1	45.6	47.8	48.0	50.3	51.1	51.2	49.7	48.8
1978	51.3	50.8	50.6	50.1	52.4	53.0	53.5	52.5	52.5	51.6	51.1	49.4	48.5
1979	47.5	45.3	44.6	46.4	47.3	48.6	50.2	49.2	51.0	50.3	49.3	45.7	41.9
1980	35.8	39.1	41.4	40.4	36.3	32.2	31.4	31.3	34.5	35.1	36.3	36.3	34.9
1981	36.0	33.3	33.2	35.3	37.5	38.8	38.9	39.0	38.5	38.4	35.4	33.5	30.6
1982		28.7	31.8										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	181.50	163.80	165.76	175.64	176.78	180.89	185.42	182.42	186.10	191.75	188.97	187.89	185.65
1978	195.66	176.49	181.54	188.12	197.49	201.63	202.15	195.83	201.17	202.69	207.13	201.25	195.12
1979	209.43	191.66	191.35	199.63	203.31	211.84	214.30	206.82	218.09	221.34	219.22	214.50	216.34
1980	219.49	209.10	206.15	209.75	205.97	208.54	214.72	215.23	229.64	238.13	239.15	230.89	228.17
1981	232.32	212.71	213.41	219.36	240.26	243.05	242.90	245.70	242.08	233.35	226.40	225.98	225.50
1982		193.75	241.80										

SIC 2451—MOBILE HOMES (Con.)

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.69	4.50	4.48	4.61	4.64	4.65	4.73	4.63	4.70	4.77	4.76	4.83	4.86
1978	5.19	4.93	4.96	5.03	5.09	5.17	5.17	5.25	5.28	5.32	5.38	5.31	5.42
1979	5.57	5.28	5.36	5.41	5.48	5.56	5.61	5.53	5.65	5.69	5.65	5.72	5.80
1980	6.08	5.89	5.84	6.01	5.97	6.08	6.10	6.08	6.14	6.25	6.31	6.19	6.15
1981	6.40	6.06	6.15	6.25	6.39	6.43	6.46	6.50	6.49	6.50	6.45	6.42	6.56
1982		6.48	6.50										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	38.7	36.4	37.0	38.1	38.1	38.9	39.2	39.4	39.6	40.2	39.7	38.9	38.2
1978	37.7	35.8	36.6	37.4	38.8	39.0	39.1	37.3	38.1	38.1	38.5	37.9	36.0
1979	37.6	36.3	35.7	36.9	37.1	38.1	38.2	37.4	38.6	38.9	38.8	37.5	37.3
1980	36.1	35.5	35.3	34.9	34.5	34.3	35.2	35.4	37.4	38.1	37.9	37.3	37.1
1981	36.3	35.1	34.7	35.1	37.6	37.8	37.6	37.8	37.3	35.9	35.1	35.2	35.9
1982		29.9	37.2										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	2.5	1.9	1.5	2.0	2.1	2.6	2.7	2.5	3.0	3.3	2.8	2.5	2.2
1978	1.9	1.7	1.7	1.7	2.0	2.2	2.2	1.9	2.1	2.0	2.1	1.8	1.6
1979	1.6	1.3	1.1	1.1	1.2	1.7	1.8	1.6	2.0	2.3	2.1	1.7	1.6
1980	1.3	1.2	1.1	1.1	.8	.7	.8	1.1	1.6	2.0	2.0	1.8	1.6
1981	1.0	1.1	.8	.9	1.2	1.3	1.2	1.4	1.2	.8	.6	.7	.8
1982		.8	1.3										

SIC 249—MISCELLANEOUS WOOD PRODUCTS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	79.0	76.0	76.4	77.1	77.8	78.7	80.2	79.0	79.8	79.8	80.8	81.0	81.1
1978	83.0	80.7	81.1	82.1	82.8	83.2	83.9	82.2	83.4	83.2	84.1	84.5	84.5
1979	84.5	84.0	84.2	84.7	84.9	84.9	85.6	82.6	84.8	85.5	85.3	85.0	83.8
1980	80.7	80.9	83.4	84.1	82.6	79.5	79.8	76.3	76.6	79.5	80.5	80.4	80.9
1981	80.8	79.8	80.6	81.3	81.9	82.1	83.6	81.8	82.3	81.4	79.9	78.3	76.2
1982		74.9	75.0										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	18.3	17.4	17.2	17.5	17.6	18.3	18.4	18.0	18.4	18.6	19.2	19.5	19.5
1978	20.3	19.4	19.7	20.1	20.4	20.6	20.7	19.8	20.8	20.2	20.6	21.1	20.9
1979	21.2	20.6	21.0	21.1	21.3	21.2	21.2	20.4	21.0	21.6	22.1	21.7	21.2
1980	20.6	20.7	20.9	21.4	20.6	20.0	20.1	19.3	20.0	20.7	21.0	21.2	21.4
1981	20.9	20.7	20.9	20.8	21.0	20.9	21.3	21.0	21.2	21.3	21.0	20.6	20.1
1982		19.7	19.6										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	65.0	61.3	62.0	62.6	63.4	64.5	66.1	65.0	66.2	66.3	67.3	67.5	67.8
1978	69.7	67.4	67.8	68.8	69.5	69.9	70.7	69.1	70.3	69.9	70.9	71.2	71.3
1979	71.0	71.0	71.2	71.6	71.6	71.5	71.9	68.8	70.7	71.7	71.5	71.2	69.7
1980	66.4	66.8	69.2	69.9	68.7	65.7	65.8	62.5	64.6	65.7	66.4	66.7	67.3
1981	67.4	66.3	67.2	67.9	68.5	68.6	69.9	68.5	69.1	68.2	66.7	65.3	62.6
1982		62.1	62.4										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	159.0	154.98	162.37	163.90	165.53	167.16	171.32	170.80	171.68	173.76	174.99	176.14	177.36
1978	183.81	169.34	176.01	178.65	180.64	181.49	186.53	184.39	185.00	187.53	188.47	188.47	195.21
1979	199.30	190.79	190.70	194.17	193.74	193.91	201.14	200.80	203.72	204.42	203.81	205.02	210.01
1980	215.32	206.32	211.20	210.40	206.59	206.70	211.29	210.37	217.60	221.35	222.68	225.26	231.49
1981	237.20	228.34	232.18	236.40	234.95	238.50	236.79	231.43	237.79	240.19	238.79	241.35	248.88
1982		231.81	236.23										

SIC 249—MISCELLANEOUS WOOD PRODUCTS (Con.)

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.24	4.10	4.09	4.16	4.18	4.20	4.23	4.27	4.26	4.31	4.31	4.36	4.39
1978	4.63	4.48	4.49	4.50	4.55	4.56	4.64	4.68	4.66	4.70	4.70	4.71	4.82
1979	4.97	4.83	4.84	4.83	4.88	4.86	4.93	5.02	5.03	5.06	5.07	5.10	5.16
1980	5.41	5.21	5.28	5.31	5.23	5.30	5.39	5.45	5.44	5.52	5.53	5.59	5.66
1981	5.93	5.68	5.79	5.78	5.83	5.86	5.89	5.98	6.02	6.05	6.03	6.11	6.13
1982		6.15	6.14										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	39.9	37.8	39.7	39.4	39.6	39.8	40.5	40.0	40.3	40.2	40.6	40.4	40.4
1978	39.7	37.8	39.2	39.7	39.7	39.8	40.2	39.4	39.7	39.9	40.1	40.1	40.5
1979	40.1	39.5	39.4	40.2	39.7	39.9	40.8	40.0	40.5	40.4	40.2	40.2	40.7
1980	39.8	39.6	40.0	40.0	39.5	39.0	39.2	38.6	40.0	40.1	40.3	40.3	40.9
1981	40.0	40.2	40.1	40.9	40.3	40.7	40.1	38.7	39.5	39.7	39.6	39.5	40.6
1982		36.0	38.8										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.4	2.9	3.4	3.2	3.2	3.3	3.6	3.2	3.5	3.7	3.7	3.5	3.5
1978	3.4	3.1	3.5	3.4	3.4	3.4	3.3	3.1	3.3	3.6	3.6	3.5	3.6
1979	3.4	3.2	3.2	3.4	3.2	3.2	3.4	3.2	3.5	3.7	3.6	3.6	3.3
1980	2.8	2.9	3.0	3.1	2.6	2.3	2.3	2.3	2.6	2.9	3.0	3.0	3.2
1981	2.7	2.7	2.9	3.1	2.7	2.9	2.6	2.5	2.6	2.7	2.5	2.4	2.3
1982		1.6	2.1										

SIC 25—FURNITURE AND FIXTURES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	464.3	446.5	447.4	450.9	453.6	456.0	463.8	456.1	468.6	475.6	480.7	483.9	487.7
1978	494.1	486.3	488.8	491.7	491.6	491.6	493.8	481.5	493.3	498.2	501.9	504.6	505.7
1979	497.8	505.4	504.2	501.6	498.3	494.1	494.9	485.0	495.2	497.1	499.6	500.1	498.0
1980	465.8	493.7	490.4	489.3	483.0	462.4	453.2	430.1	445.7	456.8	459.2	462.2	463.4
1981	467.3	461.7	462.7	462.7	468.7	469.5	470.9	462.3	470.6	474.6	473.9	467.4	463.9
1982		454.2	450.8										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	130.7	124.8	124.7	126.1	127.4	128.6	129.7	126.1	130.6	134.6	137.1	136.4	139.9
1978	143.7	140.0	140.8	141.5	141.8	142.8	142.2	138.2	142.3	146.4	146.0	150.4	150.1
1979	146.7	149.9	149.1	148.0	145.7	145.3	144.7	141.5	145.2	146.7	147.6	146.5	146.1
1980	137.9	146.5	144.8	144.7	143.8	137.3	132.8	125.8	130.6	134.6	136.2	136.0	135.6
1981	140.9	138.3	139.5	139.4	141.7	141.3	141.6	136.8	141.7	142.6	141.6	141.3	140.0
1982		136.3	136.2										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	381.6	366.1	367.4	370.5	372.9	375.2	382.1	374.0	385.3	391.4	395.6	399.0	401.5
1978	406.3	400.6	402.1	405.2	405.0	404.9	406.3	393.0	402.5	405.3	407.9	406.2	405.6
1979	405.9	414.4	413.3	410.6	405.9	401.2	402.8	393.0	402.5	405.3	407.9	406.2	405.6
1980	375.8	402.1	398.5	397.9	391.6	372.1	362.7	342.5	356.6	367.4	370.7	373.1	374.1
1981	374.1	372.2	373.2	370.7	378.4	378.9	380.1	370.9	379.3	382.9	381.0	373.7	369.0
1982		361.0	357.9										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	169.26	153.04	154.80	163.28	161.97	165.66	170.48	164.39	173.80	175.87	178.04	177.91	182.56
1978	183.90	170.17	178.36	181.03	180.85	180.71	185.93	182.52	186.88	188.02	189.26	189.60	194.45
1979	195.80	186.52	187.45	193.05	185.13	191.12	196.33	192.02	197.88	202.02	203.97	205.15	210.27
1980	208.17	202.37	204.67	207.13	204.66	202.54	205.52	200.74	209.06	214.11	215.99	216.58	225.55
1981	234.94	227.93	229.65	229.66	223.66	221.16	224.64	229.51	233.79	233.21	236.58	233.92	230.52
1982		204.10	203.51										

See footnotes at end of tables

SIC 25—FURNITURE AND FIXTURES (Con.)

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	4.34	4.17	4.19	4.23	4.24	4.27	4.32	4.34	4.40	4.43	4.44	4.47	4.51
1978	4.68	4.55	4.55	4.56	4.59	4.61	4.66	4.68	4.72	4.76	4.78	4.80	4.86
1979	5.06	4.87	4.92	4.95	4.95	4.99	5.06	5.04	5.10	5.18	5.19	5.22	5.27
1980	5.49	5.27	5.33	5.38	5.40	5.43	5.51	5.53	5.56	5.59	5.61	5.64	5.71
1981	5.91	5.72	5.75	5.77	5.79	5.84	5.90	5.92	5.99	6.01	6.06	6.05	6.12
1982		6.28	6.19										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	39.0	36.7	37.9	38.6	38.2	38.8	39.5	38.8	39.5	39.7	40.1	39.8	40.5
1978	39.3	37.4	39.2	39.7	39.4	39.2	39.9	39.0	39.5	39.5	39.6	39.5	40.1
1979	38.7	38.3	38.1	39.0	37.4	38.3	38.8	38.1	38.8	39.0	39.3	39.3	39.9
1980	38.1	38.4	38.4	38.5	37.9	37.3	37.3	36.3	37.6	38.3	38.5	38.4	39.5
1981	38.4	38.1	38.2	38.8	38.2	38.5	38.9	37.8	38.6	37.7	38.6	38.1	38.9
1982		32.5	37.4										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	2.4	1.6	1.9	2.0	1.8	2.2	2.5	2.2	2.8	3.0	3.0	2.9	3.1
1978	2.7	2.3	2.8	2.7	2.5	2.5	2.8	2.4	2.8	2.9	2.8	2.7	3.0
1979	2.2	2.3	2.2	2.2	1.5	1.9	2.2	1.9	2.2	2.6	2.5	2.4	2.5
1980	1.7	1.9	1.9	2.0	1.7	1.4	1.4	1.1	1.6	1.8	1.9	1.7	2.2
1981	1.8	1.9	1.9	1.9	1.7	1.9	2.0	1.7	2.0	1.8	2.0	1.5	1.8
1982		1.2	1.4										

SIC 251—HOUSEHOLD FURNITURE

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	315.1	303.8	305.1	306.6	309.5	310.8	315.2	307.4	317.1	322.6	325.9	327.7	329.4
1978	331.8	328.8	331.8	333.4	332.6	331.5	331.6	319.7	328.7	332.9	335.6	337.3	337.4
1979	329.2	337.1	335.4	333.6	330.7	327.6	327.6	317.5	325.3	327.2	329.7	330.1	329.1
1980	301.4	324.9	321.7	320.4	315.5	301.1	289.9	268.1	283.4	293.6	297.2	299.6	301.7
1981	299.0	298.6	299.8	299.2	303.7	303.1	302.4	294.4	298.1	299.9	299.6	295.6	293.4
1982		287.1	283.6										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	99.7	95.3	95.4	96.4	97.8	98.3	98.8	95.4	99.3	102.8	105.0	105.8	106.0
1978	108.0	106.0	107.2	107.3	107.1	107.7	106.6	102.8	106.2	109.8	110.9	112.7	111.9
1979	108.1	111.8	110.8	110.0	107.4	106.9	106.2	103.1	106.4	107.7	108.8	109.4	109.1
1980	99.1	107.3	105.7	105.4	104.5	99.6	94.9	88.0	92.3	95.8	97.3	98.7	100.2
1981	99.0	98.5	99.1	98.7	100.7	100.1	99.9	97.3	98.3	98.9	99.7	98.3	98.0
1982		94.9	94.4										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	268.4	258.9	260.4	261.9	264.1	265.3	268.6	260.6	269.5	274.3	277.3	279.5	280.7
1978	282.4	280.3	282.8	284.5	283.6	282.8	282.4	270.2	278.8	283.2	285.5	287.2	287.4
1979	278.2	286.6	285.3	283.3	278.9	275.4	276.2	266.4	273.6	276.2	279.0	279.4	277.9
1980	252.6	274.4	271.3	270.6	265.7	251.8	241.0	221.6	235.4	245.9	249.3	251.3	253.1
1981	250.0	250.4	251.5	250.5	254.9	254.3	253.3	246.1	249.0	250.9	250.1	245.6	243.3
1982		237.6	234.4										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	156.33	140.07	145.84	151.27	149.29	152.82	157.17	154.35	160.31	163.51	165.59	164.30	170.91
1978	171.21	155.98	165.75	169.88	168.56	168.00	173.01	168.19	173.60	174.33	176.46	176.34	182.34
1979	183.25	173.04	174.93	180.81	173.72	178.60	182.78	179.74	185.28	188.57	190.51	191.78	197.51
1980	192.51	188.33	189.74	192.65	190.39	185.84	186.52	182.83	191.14	197.17	199.79	200.17	209.08
1981	208.07	200.41	203.68	208.05	205.20	207.81	211.53	204.78	210.35	207.02	213.56	210.00	217.16
1982		172.47	208.25										

SIC 251—HOUSEHOLD FURNITURE (Con.)

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	4.05	3.88	3.91	3.96	3.96	3.99	4.03	4.03	4.10	4.15	4.15	4.17	4.22
1978	4.39	4.25	4.25	4.29	4.30	4.33	4.38	4.38	4.44	4.47	4.49	4.51	4.57
1979	4.76	4.59	4.64	4.66	4.67	4.70	4.76	4.73	4.80	4.86	4.86	4.88	4.95
1980	5.12	4.93	4.98	5.03	5.05	5.05	5.11	5.15	5.18	5.23	5.23	5.24	5.32
1981	5.49	5.33	5.36	5.39	5.40	5.44	5.48	5.49	5.55	5.58	5.62	5.60	5.67
1982		5.73	5.69										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	38.6	36.1	37.3	38.2	37.7	38.3	39.0	38.3	39.1	39.4	39.9	39.4	40.5
1978	39.0	36.7	39.0	39.6	39.2	38.8	39.5	38.4	39.1	39.0	39.3	39.1	39.9
1979	38.5	37.7	37.7	38.8	37.2	38.0	38.4	38.0	38.6	38.8	39.2	39.3	39.9
1980	37.6	38.2	38.1	38.3	37.7	36.8	36.5	35.5	36.9	37.7	38.2	38.2	39.3
1981	37.9	37.6	38.0	38.6	38.0	38.2	38.6	37.3	37.9	37.1	38.0	37.5	38.3
1982		30.1	36.6										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	2.4	1.4	1.9	2.1	1.8	2.2	2.4	2.0	2.7	2.9	3.0	2.8	3.1
1978	2.6	2.2	2.8	2.8	2.6	2.4	2.7	2.3	2.7	2.6	2.6	2.6	2.9
1979	2.1	2.3	2.2	2.2	1.6	1.9	2.1	1.7	2.0	2.3	2.4	2.2	2.4
1980	1.6	1.8	1.8	1.9	1.7	1.3	1.1	.8	1.3	1.7	1.8	1.6	2.1
1981	1.7	1.7	1.8	2.0	1.6	1.9	1.8	1.5	1.6	1.4	1.6	1.3	1.5
1982		.8	1.0										

SIC 2511—WOOD HOUSEHOLD FURNITURE

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	139.8	134.5	134.4	134.1	135.4	137.2	139.8	137.0	142.0	144.3	145.1	146.4	147.4
1978	147.9	146.9	148.0	148.2	148.0	148.1	149.4	143.1	146.2	148.0	148.9	149.8	150.5
1979	147.4	150.8	150.0	149.3	148.7	147.3	147.5	140.2	145.8	146.5	148.0	147.5	146.8
1980	135.0	145.0	143.0	142.2	139.4	135.8	131.0	116.7	127.3	133.6	135.4	135.4	135.4
1981	133.9	134.0	134.2	134.0	135.7	135.6	135.7	131.7	134.0	135.2	133.8	131.7	131.1
1982		128.4	126.7										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	41.1	38.7	38.6	38.6	39.2	40.1	40.8	39.9	41.9	43.1	43.7	44.2	44.3
1978	45.0	44.2	44.5	44.2	44.3	44.7	45.4	43.8	44.6	45.5	45.8	46.4	46.5
1979	45.8	46.6	46.3	46.3	45.6	45.7	45.8	43.1	45.5	46.1	46.6	46.2	46.2
1980	42.4	45.3	44.5	44.4	43.6	42.8	41.4	37.0	40.0	41.8	42.2	42.4	42.9
1981	41.8	42.1	42.0	41.8	41.9	41.9	42.1	41.1	41.7	42.2	41.9	41.4	41.3
1982		39.9	39.8										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	123.5	119.0	118.9	118.7	119.6	121.2	123.7	120.6	125.3	127.4	128.2	129.2	130.2
1978	130.9	130.0	131.0	131.1	131.0	131.1	132.2	125.9	129.3	130.9	131.7	132.8	133.5
1979	129.3	133.6	132.7	132.0	129.7	128.5	129.0	122.4	127.4	128.4	130.0	129.5	128.8
1980	117.1	127.2	124.9	124.3	121.2	117.9	113.4	99.5	109.1	115.5	117.5	117.6	117.6
1981	116.0	116.2	116.4	116.1	117.7	117.7	117.8	114.3	116.0	117.3	116.0	113.5	112.9
1982		110.6	109.1										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	146.57	130.65	136.82	141.21	139.43	144.60	147.60	145.08	148.83	151.22	154.66	154.33	158.62
1978	160.78	144.30	156.81	159.98	157.21	158.00	162.41	157.49	163.15	161.87	166.38	167.56	172.98
1979	173.26	165.25	165.98	171.47	164.81	169.94	170.61	170.67	174.00	178.20	179.50	182.00	186.61
1980	179.74	176.93	177.02	179.10	179.24	173.22	170.61	171.12	176.70	183.64	187.50	187.89	193.74
1981	194.69	187.07	190.96	194.22	191.73	195.16	197.46	192.78	196.48	191.58	200.85	199.43	203.06
1982		154.41	193.04										

See footnotes at end of tables.

SIC 2511—WOOD HOUSEHOLD FURNITURE (Con.)

PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	3.72	3.56	3.61	3.63	3.65	3.67	3.69	3.72	3.73	3.79	3.80	3.82	3.85
1978	4.06	3.90	3.93	3.96	3.96	3.99	4.04	4.08	4.12	4.14	4.17	4.20	4.25
1979	4.42	4.27	4.30	4.33	4.36	4.38	4.42	4.41	4.45	4.50	4.51	4.55	4.59
1980	4.73	4.56	4.61	4.64	4.68	4.68	4.70	4.78	4.75	4.82	4.82	4.83	4.88
1981	5.07	4.91	4.96	4.98	4.98	5.03	5.05	5.10	5.13	5.15	5.19	5.18	5.22
1982		5.27	5.26										

PRODUCTION-WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	39.4	36.7	37.9	38.9	38.2	39.4	40.0	39.0	39.9	39.9	40.7	40.4	41.2
1978	39.6	37.0	39.9	40.4	39.7	39.6	40.2	38.6	39.6	39.1	39.9	39.9	40.7
1979	39.2	38.7	38.6	39.6	37.8	38.8	38.6	38.7	39.1	39.6	39.8	40.0	40.7
1980	38.0	38.8	38.4	38.6	38.3	36.8	36.3	35.8	37.2	38.1	38.9	38.9	39.7
1981	38.4	38.1	38.5	39.0	38.5	38.8	39.1	37.8	38.3	37.2	38.7	38.5	38.9
1982		29.3	36.7										

PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	2.9	1.7	2.5	2.8	2.2	2.9	3.1	2.6	3.3	3.4	3.6	3.4	3.5
1978	3.2	2.6	3.5	3.5	3.1	3.1	3.3	2.7	3.3	3.3	3.4	3.4	3.6
1979	2.6	3.0	2.9	2.9	2.1	2.3	2.4	2.0	2.2	2.8	2.8	2.7	2.8
1980	1.7	2.1	2.1	2.2	2.0	1.4	1.1	.8	1.4	1.6	1.9	1.8	2.1
1981	1.8	1.7	1.8	1.9	1.7	2.0	1.9	1.7	1.8	1.7	2.0	1.6	1.6
1982		.9	1.2										

SIC 2512—UPHOLSTERED HOUSEHOLD FURNITURE

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	96.3	93.2	93.3	93.3	94.1	94.2	96.0	94.2	97.6	98.7	100.2	100.2	101.0
1978	102.0	100.7	101.0	101.0	101.0	101.3	101.7	98.1	102.6	103.3	104.1	104.7	104.3
1979	101.7	104.1	103.0	102.3	101.9	100.8	101.8	99.3	100.6	100.8	101.8	101.9	101.7
1980	92.3	99.1	99.6	99.1	97.6	92.1	88.7	84.3	87.8	88.8	89.3	90.0	90.7
1981	89.4	89.2	89.1	86.9	90.1	89.9	90.1	88.6	89.6	90.2	89.7	88.8	88.0
1982		84.7	84.1										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	34.0	32.9	32.8	32.8	33.1	33.1	33.7	32.9	34.3	34.9	35.4	35.5	36.1
1978	36.6	35.7	35.9	35.9	36.1	36.4	36.4	34.9	37.1	37.6	37.7	38.2	37.8
1979	36.3	37.6	37.2	36.9	35.9	36.0	36.1	34.9	35.5	35.8	36.5	36.8	36.6
1980	32.7	35.5	35.4	35.0	34.8	32.6	31.4	30.0	30.8	31.5	31.7	31.9	32.1
1981	31.8	31.6	31.3	31.4	32.3	32.1	32.3	31.7	32.2	32.2	31.9	31.3	31.1
1982		29.8	29.5										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	80.8	78.4	78.5	78.4	79.1	79.2	80.5	78.6	81.8	82.7	83.8	84.0	84.6
1978	84.7	84.2	84.3	84.4	84.0	84.3	84.4	80.7	84.9	85.6	86.4	86.7	86.2
1979	84.2	86.1	85.2	84.8	84.6	83.3	84.4	81.8	83.0	83.4	84.4	84.7	84.2
1980	76.2	82.2	82.8	82.5	81.1	75.7	72.7	69.0	72.4	73.3	73.6	74.1	74.8
1981	73.0	73.2	73.1	72.8	74.0	74.0	73.9	72.5	73.2	73.8	72.9	72.0	71.0
1982		68.1	67.5										

PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	164.19	147.14	154.34	159.47	155.73	158.11	163.75	158.24	166.50	172.42	173.76	172.97	184.86
1978	180.78	164.32	171.91	179.64	179.88	176.44	180.86	174.17	181.45	184.99	187.11	187.58	197.11
1979	191.65	182.65	184.26	190.88	185.63	187.00	191.40	184.13	191.52	195.29	199.43	200.47	207.11
1980	201.30	194.93	199.13	203.04	199.82	195.48	196.56	184.42	196.54	204.23	206.83	208.87	216.37
1981	217.56	208.42	212.91	220.58	215.28	215.34	220.13	212.07	218.15	217.49	223.43	216.48	219.74
1982		176.13	217.16										

SIC 2512—UPHOLSTERED HOUSEHOLD FURNITURE (Con.)

PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	4.39	4.18	4.24	4.31	4.29	4.32	4.39	4.30	4.44	4.49	4.49	4.54	4.61
1978	4.72	4.59	4.56	4.63	4.66	4.68	4.71	4.62	4.75	4.78	4.81	4.87	4.94
1979	5.07	4.91	4.98	5.01	4.99	5.00	5.05	4.99	5.08	5.18	5.18	5.18	5.27
1980	5.47	5.24	5.31	5.40	5.43	5.40	5.46	5.44	5.49	5.58	5.59	5.63	5.76
1981	5.88	5.71	5.77	5.82	5.85	5.82	5.87	5.81	5.88	5.91	5.99	5.98	6.11
1982		6.18	6.10										

PRODUCTION-WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	37.4	35.2	36.4	37.0	36.3	36.6	37.3	36.8	37.5	38.4	38.7	38.1	40.1
1978	38.3	35.8	37.7	38.8	38.6	37.7	38.4	37.7	38.2	38.7	38.9	38.6	39.9
1979	37.8	37.2	37.0	38.1	37.2	37.4	37.9	36.9	37.7	37.7	38.5	38.7	39.3
1980	36.8	37.2	37.5	37.6	36.8	36.2	36.0	33.9	35.8	36.6	37.0	37.1	39.3
1981	37.0	36.5	36.9	37.9	36.8	37.0	37.5	36.5	37.1	36.8	37.3	36.2	37.6
1982		28.5	35.6										

PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	1.6	1.1	1.1	1.2	1.1	1.3	1.6	1.0	1.6	2.1	2.3	2.1	2.8
1978	1.9	1.6	1.7	2.1	1.9	1.6	1.9	1.3	1.7	2.1	2.2	1.9	2.5
1979	1.5	1.5	1.4	1.4	1.1	1.3	1.4	1.0	1.3	1.6	1.8	1.7	2.0
1980	1.1	1.2	1.1	1.2	1.1	.9	.7	.5	.7	1.0	1.1	1.2	1.9
1981	1.2	1.1	1.3	1.5	1.1	1.1	1.3	1.0	1.1	.9	1.2	.9	1.4
1982		.5	.6										

SIC 2514—METAL HOUSEHOLD FURNITURE

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	30.8	29.7	31.2	32.2	32.7	32.0	30.7	28.6	28.8	29.8	30.6	31.7	31.9
1978	32.5	32.7	34.1	35.0	34.4	33.1	31.2	29.7	29.8	31.2	32.0	33.0	33.5
1979	32.2	33.7	34.6	34.4	32.8	31.9	31.0	30.3	30.1	31.2	31.1	32.8	33.0
1980	29.7	34.0	33.2	32.9	32.7	30.3	27.4	24.5	25.6	26.6	27.7	29.9	31.5
1981	31.1	31.7	32.2	31.6	32.5	32.7	31.5	29.1	28.7	28.9	31.3	31.6	31.8
1982		31.8	31.2										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	24.8	23.9	25.5	26.5	26.8	26.2	24.7	22.6	22.8	23.6	24.5	25.4	25.5
1978	26.2	26.2	27.6	28.6	28.1	27.0	25.1	23.6	23.6	25.0	25.7	26.7	27.1
1979	25.9	27.2	28.2	27.9	26.3	25.5	24.8	23.9	23.9	25.0	25.0	26.4	26.7
1980	23.9	27.7	27.1	26.9	26.8	24.3	21.3	19.6	20.2	21.3	22.3	24.1	25.5
1981	25.3	26.0	26.6	25.9	26.8	26.7	25.5	23.4	23.0	23.1	25.4	25.4	25.6
1982		25.7	25.1										

PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	160.93	144.04	141.66	155.19	156.31	158.24	163.90	156.24	173.41	171.83	171.00	167.35	171.35
1978	171.26	162.94	166.02	166.41	167.91	167.75	172.48	172.14	175.41	175.95	174.65	173.64	178.02
1979	189.20	171.55	175.08	186.53	177.71	184.73	194.33	190.51	193.15	194.16	199.41	199.36	204.57
1980	203.30	197.11	199.68	201.37	198.53	202.90	198.35	190.99	202.92	211.10	212.98	209.50	213.79
1981	222.32	210.27	211.46	216.22	215.28	221.26	231.60	221.54	226.14	222.53	231.21	229.88	231.66
1982		205.80	232.23										

PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	4.18	3.99	3.86	4.01	4.06	4.11	4.16	4.20	4.39	4.35	4.34	4.28	4.36
1978	4.46	4.38	4.29	4.30	4.35	4.38	4.48	4.53	4.58	4.57	4.56	4.51	4.60
1979	4.94	4.70	4.81	4.82	4.79	4.90	4.97	4.91	5.03	5.03	5.10	5.06	5.14
1980	5.35	5.16	5.20	5.15	5.17	5.27	5.39	5.38	5.59	5.57	5.59	5.47	5.51
1981	5.73	5.49	5.45	5.46	5.45	5.63	5.79	5.83	5.92	5.95	5.99	5.94	5.94
1982		6.00	5.97										

See footnotes at end of tables

SIC 2514—METAL HOUSEHOLD FURNITURE (Con.)

PRODUCTION-WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	38.5	36.1	36.7	38.7	38.5	38.5	39.4	37.2	39.5	39.5	39.4	39.1	39.3
1978	38.4	37.2	38.7	38.7	38.6	38.3	38.5	38.0	38.3	38.5	39.3	38.5	38.7
1979	38.3	36.5	36.4	38.7	37.1	37.7	39.1	38.8	38.4	38.6	39.1	39.4	39.8
1980	38.0	39.2	38.4	39.1	38.4	38.5	36.8	35.5	36.3	37.9	38.1	38.3	38.8
1981	38.8	38.3	38.8	39.6	39.5	39.3	40.0	38.0	38.2	37.4	38.6	38.7	39.0
1982		34.3	38.9										

PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS

1977	1.9	1.8	1.7	2.0	2.1	2.1	2.0	1.8	2.6	2.3	1.8	1.7	1.6
1978	1.8	1.6	2.4	2.3	2.0	1.7	1.7	1.9	1.5	1.6	1.8	1.6	1.6
1979	1.6	1.4	1.5	2.0	.9	1.7	2.0	2.0	1.6	1.5	1.6	1.5	1.7
1980	1.8	1.3	1.7	2.0	1.7	1.6	1.3	.8	.9	2.7	2.6	1.9	2.5
1981	2.5	3.0	3.3	3.2	2.9	3.3	2.9	2.1	1.9	1.8	1.8	1.7	1.7
1982		1.0	2.0										

SIC 2515—MATTRESSES AND BEDSPRINGS

ALL EMPLOYEES—IN THOUSANDS

1977	32.2	31.9	31.9	32.2	32.4	32.3	32.8	32.0	32.1	32.3	32.3	32.1	32.2
1978	32.4	32.0	32.1	32.4	32.5	32.2	32.4	32.3	33.0	33.0	33.1	32.0	31.6
1979	32.2	31.8	31.7	31.7	31.9	31.8	32.3	31.5	32.4	32.7	32.9	32.5	32.6
1980	30.5	32.5	32.0	32.2	31.5	29.0	29.2	28.8	29.7	30.6	30.5	30.2	30.0
1981	30.6	30.0	30.8	30.9	30.9	30.8	31.2	30.8	31.5	31.4	30.7	29.5	28.8
1982		28.6	28.6										

WOMEN EMPLOYEES—IN THOUSANDS

1977	8.4	8.1	8.1	8.4	8.5	8.4	8.5	8.2	8.3	8.3	8.6	8.5	8.5
1978	8.6	8.5	8.6	8.5	8.6	8.7	8.6	8.7	8.7	8.9	8.8	8.5	8.4
1979	8.7	8.4	8.5	8.4	8.6	8.7	8.5	8.7	8.9	9.0	9.0	8.9	8.9
1980	8.3	8.7	8.6	8.7	8.6	8.0	8.0	7.8	8.1	8.3	8.3	8.2	8.1
1981	8.4	8.2	8.6	8.5	8.5	8.6	8.7	8.6	8.7	8.6	8.3	8.0	7.9
1982		7.7	7.8										

PRODUCTION WORKERS—IN THOUSANDS

1977	25.0	24.5	24.4	24.8	25.1	25.0	25.3	24.6	24.9	25.2	25.2	25.2	25.2
1978	25.4	25.0	25.0	25.4	25.4	25.3	25.5	25.4	25.8	26.1	25.9	25.0	24.7
1979	24.8	24.6	24.6	24.4	24.5	24.5	25.0	24.1	25.0	25.4	25.6	25.3	25.1
1980	23.3	24.9	24.4	24.6	24.1	21.8	22.1	21.8	22.5	23.7	23.5	23.2	23.0
1981	23.5	23.1	23.7	23.7	23.7	23.7	24.0	23.6	24.3	24.3	23.6	22.5	21.8
1982		21.4	21.5										

PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

1977	179.45	164.88	167.90	169.37	170.54	171.03	176.40	179.74	187.54	194.00	191.92	185.96	190.81
1978	194.66	185.48	190.73	192.56	192.27	193.00	199.08	193.39	200.88	202.36	196.72	192.02	195.19
1979	202.83	190.01	193.04	198.00	186.73	196.31	201.10	198.32	212.16	217.01	211.85	208.74	217.79
1980	214.68	210.17	215.27	216.22	208.29	202.06	213.94	211.07	220.17	221.72	218.08	213.74	222.43
1981	224.85	221.86	224.47	224.40	226.04	225.33	229.52	220.93	232.61	229.32	219.75	215.14	225.81
1982		197.81	221.13										

PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

1977	4.71	4.58	4.60	4.59	4.56	4.61	4.63	4.73	4.76	4.85	4.81	4.83	4.88
1978	5.03	4.92	4.98	4.95	4.93	5.00	5.04	5.01	5.06	5.11	5.07	5.08	5.15
1979	5.38	5.22	5.26	5.28	5.26	5.32	5.32	5.36	5.44	5.55	5.46	5.45	5.57
1980	5.74	5.56	5.65	5.69	5.66	5.66	5.69	5.72	5.84	5.85	5.80	5.84	5.90
1981	6.11	5.98	5.97	6.00	6.06	6.09	6.04	6.02	6.17	6.30	6.19	6.20	6.29
1982		6.24	6.30										

SIC 2515—MATTRESSES AND BEDSPRINGS (Con.)

PRODUCTION-WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	38.1	36.0	36.5	36.9	37.4	37.1	38.1	38.0	39.4	40.0	39.9	38.5	39.1
1978	39.7	37.7	38.3	38.9	39.0	38.6	39.5	38.6	39.7	39.6	38.8	37.8	37.9
1979	37.7	36.4	36.7	37.5	35.5	36.9	37.8	37.0	39.0	39.1	38.8	38.3	39.1
1980	37.4	37.8	38.1	38.0	36.8	35.7	37.6	36.9	37.7	37.9	37.6	36.6	37.7
1981	36.8	37.1	37.6	37.4	37.3	37.0	38.0	36.7	37.7	36.4	35.5	34.7	35.9
1982		31.7	35.1										

PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS

1977	2.6	1.4	1.3	1.6	1.7	1.7	2.5	2.4	3.9	4.2	3.5	2.9	3.4
1978	3.0	2.6	3.0	2.8	2.6	2.4	3.5	3.4	3.8	4.3	3.2	2.1	2.4
1979	2.5	2.1	1.9	2.1	1.6	2.2	2.8	2.1	3.3	3.4	3.0	2.4	2.9
1980	2.0	2.3	2.4	2.3	1.9	1.4	2.0	1.5	2.4	2.6	1.7	1.5	1.9
1981	1.6	1.8	1.7	1.7	1.4	1.7	1.8	1.8	2.1	1.7	1.3	1.0	1.0
1982		.7	1.0										

SIC 252—OFFICE FURNITURE

ALL EMPLOYEES—IN THOUSANDS

1977	42.2	39.9	39.7	40.7	40.7	41.3	42.3	42.5	43.1	43.3	43.2	44.1	45.1
1978	47.4	45.3	45.5	45.9	46.0	46.6	47.3	47.1	48.1	48.5	48.9	49.6	49.9
1979	49.8	50.2	49.8	49.3	49.1	49.0	48.7	49.1	50.3	50.2	50.4	50.9	50.3
1980	50.1	51.0	50.7	50.9	51.1	50.0	49.7	48.5	48.9	49.3	49.6	50.6	51.2
1981	54.1	52.3	52.5	52.9	53.6	53.6	54.0	53.2	54.7	56.0	55.6	55.7	55.3
1982		55.1	55.2										

WOMEN EMPLOYEES—IN THOUSANDS

1977	9.0	8.4	8.3	8.5	8.7	8.9	9.1	9.2	9.4	9.4	9.3	9.5	9.7
1978	10.6	9.8	9.9	9.9	10.1	10.2	10.4	10.4	10.8	11.1	11.3	11.5	11.5
1979	12.0	11.6	11.6	11.6	11.6	11.8	11.7	12.0	12.3	12.2	12.3	12.4	12.5
1980	12.6	12.5	12.4	12.6	12.8	12.7	12.6	12.3	12.5	12.5	12.5	12.8	13.1
1981	14.0	13.6	13.6	13.8	13.7	13.8	14.1	13.7	14.3	14.5	14.5	14.3	14.2
1982		14.2	14.2										

PRODUCTION WORKERS—IN THOUSANDS

1977	33.9	31.7	31.5	32.4	32.6	33.3	34.0	34.4	34.8	35.0	34.9	35.8	36.3
1978	38.5	36.8	36.8	37.2	37.4	38.0	38.6	38.2	39.1	39.4	39.8	40.2	40.4
1979	39.8	40.5	40.1	39.4	39.2	39.1	38.6	39.1	40.2	40.1	40.2	40.7	40.1
1980	39.6	40.7	40.3	40.3	40.3	39.3	39.0	38.3	38.5	38.8	39.2	39.9	40.3
1981	42.4	41.2	41.2	41.5	42.0	41.8	42.2	41.5	42.8	44.0	43.7	43.5	43.2
1982		42.5	42.7										

PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

1977	198.03	178.02	188.33	189.60	186.80	193.99	204.05	199.18	205.43	198.05	205.84	209.16	212.34
1978	210.01	201.39	212.68	208.38	208.59	207.57	211.87	208.35	207.36	211.82	211.64	211.64	220.25
1979	215.17	213.46	210.67	214.94	203.07	211.07	213.20	211.18	218.69	219.70	222.24	221.20	225.92
1980	231.67	223.97	225.79	223.30	226.00	227.17	231.47	218.04	235.20	238.00	236.79	241.74	253.79
1981	254.32	245.35	245.30	247.73	245.36	254.00	254.16	247.11	260.65	251.94	262.35	263.16	270.19
1982		258.02	268.80										

PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

1977	4.83	4.60	4.65	4.67	4.67	4.72	4.79	4.87	4.95	4.89	4.96	5.04	5.08
1978	5.16	5.06	5.20	5.07	5.10	5.10	5.13	5.17	5.12	5.23	5.20	5.20	5.32
1979	5.42	5.31	5.32	5.36	5.33	5.29	5.33	5.36	5.44	5.52	5.57	5.60	5.62
1980	5.91	5.67	5.76	5.77	5.78	5.87	5.92	5.83	6.00	5.98	6.01	6.12	6.19
1981	6.39	6.18	6.21	6.24	6.34	6.35	6.37	6.32	6.50	6.46	6.51	6.53	6.59
1982		6.79	6.72										

See footnotes at end of tables

SIC 252—OFFICE FURNITURE (Con.)

PRODUCTION-WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	41.0	38.7	40.5	40.6	40.0	41.1	42.6	40.9	41.5	40.5	41.5	41.5	41.8
1978	40.7	39.8	40.9	41.1	40.9	40.7	41.3	40.3	40.5	40.5	40.7	40.7	41.4
1979	39.7	40.2	39.6	40.1	38.1	39.9	40.0	39.4	40.2	39.8	39.9	39.5	40.2
1980	39.2	39.5	39.2	38.7	39.1	38.7	39.1	37.4	39.2	39.8	39.4	39.5	41.0
1981	39.8	39.7	39.5	39.7	38.7	40.0	39.9	39.1	40.1	39.0	40.3	40.3	41.0
1982		38.0	40.0										

PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	2.9	2.2	2.3	1.9	1.9	2.6	3.6	3.2	3.6	3.1	3.2	3.6	3.8
1978	2.9	2.8	3.1	3.0	3.0	2.8	3.1	2.5	2.7	2.7	2.7	2.8	3.3
1979	2.3	2.8	2.5	2.5	1.7	2.2	2.3	1.9	2.2	2.5	2.4	2.2	2.5
1980	2.1	2.3	2.2	1.9	1.7	1.8	1.9	1.1	2.2	2.1	1.8	2.4	3.1
1981	2.6	2.7	2.3	2.3	2.0	2.5	2.7	2.2	2.9	2.6	2.9	2.5	3.1
1982		2.6	2.1										

SIC 253—PUBLIC BUILDING AND RELATED FURNITURE

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	23.7	23.5	23.4	22.9	22.5	23.0	23.5	23.1	23.8	24.0	24.5	24.8	25.1
1978	25.7	24.8	24.3	25.0	25.2	25.5	25.8	26.1	26.0	26.4	26.5	26.4	26.6
1979	26.2	26.7	26.7	27.0	26.4	26.1	25.9	25.5	26.0	26.2	25.9	25.8	25.7
1980	23.9	25.2	24.8	25.2	24.8	23.7	23.6	23.6	23.6	23.4	22.9	23.1	22.6
1981	23.2	22.6	22.5	22.6	22.6	23.0	23.5	23.2	23.9	24.2	23.9	23.6	23.2
1982		23.3	23.4										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	4.6	4.7	4.7	4.5	4.2	4.4	4.5	4.5	4.7	4.8	4.8	4.9	5.0
1978	5.0	5.0	4.8	4.9	4.9	5.0	5.0	5.0	5.0	5.1	5.1	5.2	5.4
1979	5.4	5.3	5.4	5.2	5.5	5.4	5.5	5.5	5.6	5.5	5.4	5.4	5.5
1980	5.0	5.3	5.2	5.2	5.2	5.0	5.0	4.9	4.9	4.8	4.8	4.8	4.8
1981	5.2	4.9	4.9	4.9	4.9	5.1	5.1	5.1	5.5	5.5	5.5	5.4	5.3
1982		5.3	5.4										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	17.9	17.7	17.8	17.3	17.0	17.0	17.9	17.5	18.1	18.3	18.7	18.9	19.1
1978	19.5	18.8	18.2	18.9	19.1	19.3	19.5	19.8	19.8	20.2	20.0	20.1	20.3
1979	19.8	20.1	20.1	20.7	20.1	19.8	19.6	19.3	19.7	19.8	19.5	19.5	19.3
1980	17.7	18.8	18.3	18.6	18.4	17.5	17.4	17.5	17.5	17.4	17.0	17.0	16.7
1981	17.4	16.7	16.8	16.9	16.7	17.3	17.7	17.4	18.1	18.4	18.1	17.7	17.3
1982		17.1	17.5										

PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	194.44	179.35	185.08	186.05	187.88	193.16	198.21	192.67	198.13	197.29	203.21	205.42	205.13
1978	210.20	199.68	206.92	209.84	207.90	207.23	211.82	214.02	207.56	217.04	211.04	211.58	217.34
1979	209.43	214.25	215.06	215.61	210.65	213.84	223.02	183.81	197.69	204.22	207.97	210.92	218.44
1980	229.13	219.82	223.11	233.04	227.15	221.72	228.52	222.71	224.22	233.23	232.46	238.73	247.23
1981	263.60	246.54	246.48	255.36	247.26	256.37	259.18	264.26	273.65	264.01	271.26	271.95	294.24
1982		267.38	277.14										

PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	4.91	4.77	4.77	4.82	4.88	4.89	4.87	4.89	4.88	4.92	5.03	5.11	5.09
1978	5.19	5.12	5.16	5.22	5.25	5.22	5.23	5.12	5.05	5.18	5.16	5.25	5.34
1979	5.37	5.29	5.31	5.35	5.36	5.40	5.40	5.12	5.23	5.36	5.43	5.58	5.63
1980	5.86	5.68	5.78	5.87	5.90	5.85	5.80	5.78	5.72	5.86	5.90	6.09	6.15
1981	6.59	6.21	6.24	6.40	6.34	6.54	6.63	6.59	6.61	6.65	6.85	6.85	7.09
1982		7.13	7.07										

SIC 253—PUBLIC BUILDING AND RELATED FURNITURE (Con.)

PRODUCTION-WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	39.6	37.6	38.8	38.6	38.5	39.5	40.7	39.4	40.6	40.1	40.4	40.2	40.3
1978	40.5	39.0	40.1	40.2	39.6	39.7	40.5	41.8	41.1	41.9	40.9	40.3	40.7
1979	39.0	40.5	40.5	40.3	39.3	39.6	41.3	35.9	37.8	38.1	38.3	37.8	38.8
1980	39.1	38.7	38.6	39.7	38.5	37.9	39.4	38.8	39.2	39.8	39.4	39.2	40.2
1981	40.0	39.7	39.5	39.9	39.0	39.2	40.6	40.1	41.4	39.7	39.6	39.7	41.5
1982		37.5	39.2										

PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	2.9	2.3	2.2	2.2	2.3	2.1	3.5	2.7	3.3	3.4	3.6	3.3	3.3
1978	2.2	2.7	2.5	2.8	2.9	2.6	2.6	2.2	3.1	3.1	2.6	2.8	3.0
1979	2.2	2.3	2.0	2.1	1.5	1.8	2.0	2.1	2.4	2.7	2.5	2.5	2.9
1980	2.3	2.5	2.2	2.4	2.1	1.8	2.4	2.3	2.5	2.3	2.2	2.0	3.2
1981	2.5	3.1	2.6	2.3	1.9	2.4	2.5	2.3	2.9	2.1	2.4	1.7	3.5
1982		2.2	2.3										

SIC 254—PARTITIONS AND FIXTURES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	58.2	55.4	55.3	56.3	56.4	56.6	58.1	58.7	59.5	60.1	60.9	60.6	60.8
1978	61.7	60.2	60.1	60.3	60.5	60.5	61.5	61.5	62.8	62.9	63.5	63.5	63.6
1979	64.7	63.0	63.8	63.4	63.9	63.9	65.7	65.6	65.7	65.3	65.7	65.3	64.7
1980	62.9	64.2	64.8	64.8	64.6	61.1	63.5	63.5	63.2	63.1	61.8	60.8	59.6
1981	61.1	59.8	59.3	59.2	59.8	60.4	62.2	61.9	63.4	63.6	63.7	61.5	59.6
1982		58.4	58.8										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	8.5	8.3	8.1	8.3	8.2	8.2	8.3	8.2	8.4	8.7	8.8	8.9	9.0
1978	9.6	9.0	8.9	9.2	9.3	9.5	9.7	9.5	9.7	10.0	10.2	10.3	10.3
1979	10.6	10.1	10.2	10.1	10.3	10.5	11.0	10.7	10.7	10.7	10.8	10.8	10.8
1980	10.5	10.6	10.7	10.6	10.8	9.9	10.1	10.3	10.5	10.7	10.6	10.6	10.3
1981	10.7	10.4	10.4	10.4	10.7	10.6	10.7	10.7	11.0	11.1	11.2	10.7	10.4
1982		10.1	10.4										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	44.2	41.6	41.7	42.6	42.6	42.6	44.4	44.5	45.4	46.1	46.7	46.2	46.3
1978	46.9	46.0	45.7	45.7	45.9	45.7	46.6	46.4	47.8	47.9	48.5	48.4	48.4
1979	48.9	47.6	48.1	47.9	48.3	48.1	49.9	49.5	49.6	49.4	49.7	49.3	48.9
1980	47.0	48.6	48.8	48.9	48.6	45.2	47.0	47.1	46.9	46.7	45.9	45.4	44.4
1981	45.6	44.3	44.0	44.0	44.7	45.2	46.0	46.3	47.8	47.7	47.5	45.6	44.2
1982		43.0	43.0										

PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	209.35	195.32	199.04	202.12	201.50	205.80	210.41	211.58	214.38	216.94	217.48	216.00	215.60
1978	221.53	207.43	210.53	213.01	214.82	218.50	225.48	223.60	224.40	229.64	230.40	228.80	231.49
1979	239.85	221.18	227.56	230.29	219.48	230.95	241.30	238.46	243.43	254.96	257.04	255.42	259.45
1980	258.52	250.77	250.65	255.45	251.14	254.98	256.61	251.46	260.06	266.17	266.47	266.34	271.44
1981	273.02	268.03	264.22	265.18	265.30	268.33	274.19	273.98	279.63	272.70	279.69	276.10	284.31
1982		270.36	286.08										

PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	5.30	5.14	5.13	5.13	5.18	5.25	5.30	5.37	5.40	5.41	5.41	5.40	5.39
1978	5.58	5.43	5.44	5.42	5.48	5.49	5.54	5.59	5.61	5.67	5.76	5.72	5.73
1979	6.15	5.73	5.68	5.92	5.90	6.03	6.14	6.21	6.21	6.39	6.41	6.45	6.47
1980	6.68	6.43	6.46	6.55	6.54	6.64	6.70	6.67	6.72	6.79	6.85	6.90	6.96
1981	7.11	6.98	6.99	6.96	7.00	7.08	7.10	7.21	7.17	7.12	7.19	7.19	7.29
1982		7.51	7.45										

See footnotes at end of tables.

SIC 254—PARTITIONS AND FIXTURES (Con.)

PRODUCTION-WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	39.5	38.0	38.8	39.4	38.9	39.2	39.7	39.4	39.7	40.1	40.2	40.0	40.0
1978	39.7	38.2	38.7	39.3	39.2	39.8	40.7	40.0	40.0	40.5	40.0	40.0	40.4
1979	39.0	38.5	38.7	38.9	37.2	38.3	39.3	38.4	39.2	39.9	40.1	39.6	40.1
1980	38.7	39.0	38.8	39.0	38.4	38.4	38.3	37.7	38.7	39.2	38.9	38.6	39.0
1981	38.4	38.4	37.8	38.1	37.9	37.9	38.9	38.0	39.0	38.3	38.9	38.4	39.0
1982		36.0	38.4										

PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	2.4	1.6	1.6	2.0	1.6	2.0	2.3	2.6	2.7	3.4	3.2	2.9	2.7
1978	2.9	2.2	2.5	2.2	2.1	2.4	3.1	3.2	3.3	3.7	3.4	3.0	3.1
1979	2.6	2.2	2.2	2.0	1.2	2.0	2.7	2.7	3.0	3.8	3.4	3.2	3.0
1980	2.3	2.5	2.3	2.6	2.1	1.9	2.1	2.2	2.7	2.7	2.4	2.0	2.3
1981	2.1	2.0	1.8	1.6	1.5	1.9	2.4	2.4	2.8	2.4	2.7	1.9	2.0
1982		1.7	2.0										

SIC 259—MISCELLANEOUS FURNITURE AND FIXTURES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	25.1	23.9	23.9	24.4	24.5	24.3	24.7	24.4	25.1	25.8	26.2	26.7	27.3
1978	27.5	27.2	27.1	27.1	27.3	27.5	27.6	27.1	27.7	27.5	27.4	27.8	28.2
1979	28.0	28.4	28.5	28.3	28.2	27.5	27.0	27.3	27.9	28.2	27.9	28.0	28.2
1980	27.4	28.4	28.4	28.0	27.0	26.5	26.5	26.4	26.6	27.4	27.7	28.1	28.3
1981	29.8	28.4	28.6	28.8	29.0	29.4	29.8	29.6	30.5	31.2	31.1	31.0	30.4
1982		30.3	29.8										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	8.9	8.1	8.2	8.4	8.5	8.8	9.0	8.8	8.8	8.9	9.2	9.3	10.2
1978	10.5	10.2	10.0	10.2	10.4	10.4	10.5	10.5	10.6	10.4	10.5	10.7	11.0
1979	10.7	11.1	11.1	11.1	10.9	10.7	10.3	10.2	10.2	10.6	10.5	10.5	10.6
1980	10.7	10.8	10.8	10.9	10.5	10.1	10.2	10.3	10.4	10.8	11.0	11.1	11.2
1981	12.0	10.9	11.5	11.6	11.7	11.7	12.0	12.0	12.6	12.8	12.9	12.6	12.1
1982		11.8	11.8										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	17.3	16.3	16.0	16.3	16.6	17.0	17.4	17.0	17.5	17.7	18.2	18.8	19.1
1978	19.0	18.7	18.6	18.9	19.0	19.1	19.2	18.7	19.3	19.1	19.1	19.2	19.5
1979	19.3	19.6	19.7	19.5	19.4	18.8	18.5	18.7	19.4	19.8	19.5	19.3	19.6
1980	19.0	19.6	19.8	19.5	18.8	18.3	18.3	18.0	18.3	19.0	19.3	19.5	19.6
1981	20.7	19.6	19.7	19.9	20.1	20.3	20.9	20.6	21.6	21.9	21.6	21.3	21.0
1982		20.8	20.3										

PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	187.67	172.73	180.29	183.26	184.12	180.91	186.13	183.54	192.30	191.97	195.43	198.58	197.51
1978	202.36	192.38	194.33	194.14	195.53	200.30	207.26	198.63	207.95	206.06	206.33	209.75	211.74
1979	214.45	208.98	206.66	208.89	197.90	203.84	217.23	211.50	208.69	217.93	225.23	229.32	233.74
1980	236.23	225.55	228.53	230.44	223.94	231.72	239.32	230.01	236.90	238.46	245.55	243.81	257.84
1981	260.80	244.22	247.11	250.51	253.44	256.07	259.23	261.32	267.60	268.52	274.51	273.53	273.24
1982		264.42	270.97										

PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	4.68	4.51	4.53	4.57	4.58	4.58	4.63	4.60	4.76	4.74	4.79	4.82	4.95
1978	5.11	5.01	4.97	4.94	4.95	5.02	5.08	5.08	5.16	5.23	5.25	5.27	5.32
1979	5.57	5.40	5.41	5.37	5.32	5.35	5.57	5.61	5.58	5.72	5.79	5.88	5.80
1980	6.12	5.92	5.89	5.97	6.02	6.05	6.20	6.15	6.09	6.13	6.28	6.30	6.43
1981	6.67	6.41	6.52	6.49	6.40	6.45	6.63	6.77	6.69	6.85	6.88	6.96	6.90
1982		7.07	7.02										

SIC 259—MISCELLANEOUS FURNITURE AND FIXTURES (Con.)

PRODUCTION-WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	40.1	38.3	39.8	40.1	40.2	39.5	40.2	39.9	40.4	40.5	40.8	41.2	39.9
1978	39.6	38.4	39.1	39.3	39.5	39.9	40.8	39.1	40.3	39.4	39.3	39.8	39.8
1979	38.5	38.7	38.2	38.9	37.2	38.1	39.0	37.7	37.4	38.1	38.9	39.0	40.3
1980	38.6	38.1	38.8	38.6	37.2	38.3	38.6	37.4	38.9	38.9	39.1	38.7	40.1
1981	39.1	38.1	37.9	38.6	39.6	39.7	39.1	38.6	40.0	39.2	39.9	39.3	39.6
1982		37.4	38.6										

PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	1.8	1.0	1.2	1.3	1.5	1.5	1.6	1.2	2.1	2.2	2.3	2.9	2.3
1978	2.3	2.0	2.2	2.2	1.8	2.6	2.4	1.7	2.8	2.6	2.2	2.6	3.0
1979	2.1	2.7	2.3	2.1	1.4	1.5	2.2	1.8	2.4	2.4	2.5	2.2	2.3
1980	1.1	1.4	1.1	1.1	.8	.8	.8	.7	1.0	1.1	1.2	1.2	1.8
1981	1.5	1.0	1.2	1.3	1.5	1.4	1.5	1.6	2.3	2.3	1.7	1.1	1.6
1982		1.4	1.5										

SIC 32—STONE, CLAY, AND GLASS PRODUCTS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	668.7	625.3	613.7	640.3	659.4	671.9	690.4	689.7	690.8	689.8	685.8	688.0	678.7
1978	698.2	663.0	660.1	672.0	690.9	702.9	717.1	714.8	714.1	713.0	713.4	713.4	704.0
1979	708.7	682.1	680.8	697.4	705.8	717.4	731.0	724.7	725.3	719.8	716.5	708.3	694.8
1980	662.1	675.4	671.8	675.7	671.9	664.1	661.5	650.4	656.4	659.7	656.8	657.6	643.9
1981	638.2	625.7	620.1	627.8	640.8	647.9	658.2	654.2	656.3	652.0	639.8	628.5	606.9
1982		576.0	571.5										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	123.7	117.8	116.2	119.3	121.5	123.6	126.3	125.8	126.1	126.9	126.9	128.2	125.2
1978	130.7	125.8	125.7	126.6	129.4	130.7	132.5	131.6	132.8	133.4	133.4	133.4	132.8
1979	133.7	130.3	130.6	132.7	133.0	134.7	136.4	134.4	134.3	135.2	134.8	134.5	133.9
1980	126.3	131.6	130.6	131.6	129.8	126.3	124.8	121.0	122.5	124.2	124.5	124.8	123.5
1981	125.3	123.0	123.3	123.1	124.0	125.2	128.2	127.3	128.3	128.1	127.1	124.5	121.6
1982		118.6	118.5										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	532.9	491.4	479.6	506.2	525.3	537.5	554.9	553.2	553.9	551.9	547.2	551.7	542.2
1978	554.3	526.2	522.0	532.5	548.9	559.3	571.5	568.2	567.5	566.3	566.6	566.0	556.8
1979	558.7	535.8	534.2	548.7	556.6	566.6	580.5	573.1	572.4	568.6	565.2	557.3	544.9
1980	513.1	[illegible]	522.8	526.6	522.9	514.8	511.4	500.5	506.6	510.3	508.8	509.4	496.5
1981	491.1	479.1	474.3	481.2	493.8	500.2	509.1	505.2	507.4	504.7	494.0	482.4	461.3
1982		433.7	429.7										

PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	239.95	217.88	225.99	229.04	236.39	240.61	244.28	243.43	245.78	244.08	246.51	248.77	249.42
1978	263.33	235.56	241.60	251.10	258.32	261.25	268.39	267.96	269.86	272.81	274.53	275.33	277.68
1979	284.28	266.09	267.15	277.97	276.60	284.08	288.81	285.94	287.73	291.07	293.02	294.82	296.78
1980	306.00	282.71	285.91	295.48	296.13	302.06	308.73	305.88	310.95	316.06	319.66	323.75	325.73
1981	335.76	317.16	312.44	322.36	332.51	337.02	342.37	342.72	344.81	346.32	344.25	345.87	343.26
1982		325.38	337.90										

PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	5.81	5.53	5.58	5.60	5.71	5.77	5.83	5.88	5.88	5.91	5.94	5.98	6.01
1978	6.33	6.04	6.04	6.08	6.18	6.25	6.33	6.38	6.41	6.48	6.49	6.54	6.58
1979	6.85	6.57	6.58	6.65	6.73	6.78	6.86	6.89	6.90	6.98	7.01	7.07	7.10
1980	7.50	7.05	7.13	7.26	7.33	7.44	7.53	7.59	7.64	7.69	7.74	7.82	7.83
1981	8.27	7.87	7.89	7.94	8.11	8.20	8.31	8.40	8.41	8.53	8.50	8.54	8.56
1982		8.70	8.62										

See footnotes at end of tables.

SIC 32—STONE, CLAY, AND GLASS PRODUCTS (Con.)

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	41.3	39.8	40.5	40.3	41.4	41.7	41.5	41.3	41.4	41.2	41.3	41.6	41.5
1978	41.6	39.6	40.0	41.2	41.6	41.8	42.4	42.0	42.0	42.2	42.1	42.1	42.0
1979	41.3	40.5	40.6	41.8	41.8	41.1	41.6	41.1	41.0	41.2	41.1	41.8	41.6
1980	40.4	40.1	40.1	40.6	40.4	40.6	41.1	40.7	40.8	40.7	40.9	40.5	40.1
1981	40.6	40.2	39.6	40.6	41.0	41.1	40.8	41.0	40.9	40.9	40.9	40.7	40.5
1982	39.9	39.1	39.4										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.6	3.5	4.1	4.1	4.5	4.7	4.9	4.7	4.8	4.6	4.7	4.8	4.8
1978	4.8	3.5	4.0	4.1	4.8	4.9	4.9	4.9	5.0	4.9	4.9	4.9	4.9
1979	4.5	4.1	4.1	4.2	4.3	4.8	4.8	4.6	4.7	4.6	4.6	4.7	4.6
1980	3.9	3.8	3.8	3.9	3.9	3.9	3.9	3.8	3.9	3.8	3.9	3.8	3.8
1981	3.8	3.6	3.6	3.7	3.8	3.9	3.8	3.8	3.8	3.8	3.8	3.8	3.8
1982	3.6	3.6	3.7										

SIC 321—FLAT GLASS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	15.8	15.5	15.5	15.8	16.0	16.1	15.9	15.8	15.8	15.8	15.8	15.8	15.8
1978	15.9	15.7	15.8	15.9	16.0	16.1	16.1	16.0	15.9	15.9	15.9	15.9	15.9
1979	15.9	15.8	15.9	16.0	16.1	16.1	16.1	16.0	15.9	15.9	15.9	15.9	15.9
1980	15.7	15.6	15.7	15.8	15.8	15.8	15.8	15.7	15.7	15.7	15.7	15.7	15.7
1981	15.6	15.5	15.5	15.6	15.7	15.7	15.7	15.6	15.6	15.6	15.6	15.6	15.6
1982	15.4	15.3	15.3	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	16.1	15.7	15.6	15.9	16.2	16.8	17.3	17.3	17.1	16.9	16.9	16.6	16.5
1978	15.5	16.1	16.0	16.0	16.1	16.1	16.3	16.1	16.4	16.5	14.5	14.5	14.4
1979	15.2	14.2	14.2	16.2	16.2	16.1	16.1	15.8	15.4	15.2	14.8	11.9	11.8
1980	14.0	14.5	14.8	15.2	13.7	12.8	12.9	11.8	14.9	13.6	14.5	15.1	14.8
1981	14.1	14.6	14.4	14.3	14.5	14.2	14.7	14.1	14.7	14.6	14.1	14.1	10.5
1982		11.7	11.9										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	221.05	207.30	215.95	303.00	324.86	319.73	316.96	311.95	321.49	328.38	327.38	327.82	325.80
1978	247.42	224.26	227.13	341.78	331.62	334.65	342.26	345.52	343.80	352.29	357.87	371.96	402.55
1979	268.64	290.57	296.11	361.44	362.90	372.37	379.78	353.56	365.40	355.37	361.87	367.20	398.36
1980	404.34	362.29	366.79	393.54	393.88	370.64	385.84	371.45	413.69	424.87	438.69	439.93	466.74
1981	449.50	431.51	407.48	426.13	427.44	440.50	463.76	442.57	448.33	464.18	463.66	467.65	468.63
1982		469.42	472.50										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	7.32	7.05	7.23	7.18	7.40	7.35	7.32	7.34	7.29	7.32	7.39	7.40	7.60
1978	7.90	7.65	7.66	7.75	7.73	7.75	7.85	7.98	7.94	8.08	8.19	8.40	8.62
1979	8.62	8.31	8.17	8.29	8.62	8.58	8.65	8.54	8.75	8.71	8.90	8.96	9.20
1980	9.49	9.06	9.18	9.16	9.25	9.22	9.46	9.24	9.78	9.95	10.08	10.26	10.49
1981	10.19	10.09	10.26	10.47	10.59	10.68	11.07	10.69	10.90	11.28	11.54	11.74	12.01
1982		11.13	11.29										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	43.6	42.3	43.1	42.2	43.9	43.5	43.1	43.0	44.1	44.6	44.2	44.1	43.5
1978	43.7	43.4	43.1	44.2	43.9	43.3	43.6	43.1	43.3	43.6	43.7	44.1	44.7
1979	42.9	41.5	44.1	43.8	43.8	43.8	43.8	43.4	43.0	43.0	41.5	40.6	40.1
1980	41.9	39.9	39.6	41.9	41.9	40.2	40.7	40.2	43.7	42.0	43.0	43.9	43.4
1981	41.7	42.1	39.5	41.7	41.4	41.7	41.4	41.4	41.9	42.5	41.9	41.5	41.5
1982		41.1	40.3										

SIC 321—FLAT GLASS (Con.)

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.6	2.7	3.1	3.1	3.6	3.8	4.0	3.8	3.9	3.7	3.8	3.9	3.9
1978	3.9	2.6	3.0	3.1	3.9	4.0	4.0	4.0	4.1	4.0	4.0	4.0	4.0
1979	3.6	3.2	3.2	3.3	3.4	3.9	3.9	3.7	3.8	3.7	3.7	3.8	3.7
1980	3.0	2.9	2.9	3.0	3.0	3.0	3.0	2.9	3.0	2.9	3.0	2.9	2.9
1981	2.9	2.7	2.7	2.8	2.9	3.0	2.9	2.9	2.9	2.9	2.9	2.9	2.9
1982		2.7	2.8										

SIC 322—GLASS AND GLASSWARE, PRESSED OR BLOWN

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	133.8	130.1	129.8	132.1	134.5	135.1	136.1	136.5	134.5	133.8	133.6	136.7	136.1
1978	135.0	135.1	135.4	136.1	136.2	136.6	137.4	136.8	136.5	133.0	136.9	136.6	135.6
1979	133.6	134.5	133.4	133.4	133.5	133.1	133.9	132.4	133.2	131.1	130.2	130.2	129.5
1980	124.3	126.1	127.0	127.8	126.6	125.6	123.7	123.4	122.5	123.6	123.0	122.8	119.4
1981	117.2	119.2	118.9	119.1	119.6	119.1	119.7	119.6	118.7	118.0	117.6	117.5	117.0
1982		115.7	115.7										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	46.1	44.5	43.6	45.1	46.2	46.7	46.8	47.1	46.4	47.2	46.6	47.4	45.9
1978	46.6	46.5	46.5	46.7	47.0	47.0	47.1	46.8	47.0	46.7	46.7	46.1	45.8
1979	45.5	45.4	45.5	44.0	43.6	44.3	45.0	44.4	43.6	44.1	44.1	44.0	43.6
1980	42.3	42.3	42.3	42.5	42.3	42.3	41.6	40.6	40.8	41.1	41.1	41.1	39.8
1981	39.8	40.1	39.8	39.8	40.1	40.2	40.1	40.1	39.8	39.8	39.8	39.8	39.5
1982		39.4	39.4										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	116.9	113.1	109.5	115.0	117.3	118.0	119.0	119.2	117.2	118.0	115.7	118.6	117.4
1978	117.3	116.8	116.5	117.6	117.8	118.7	117.4	117.2	117.2	117.9	117.6	117.5	116.6
1979	113.0	115.3	113.5	113.7	113.2	114.9	113.4	112.2	111.9	111.3	111.2	110.8	110.4
1980	105.4	106.3	108.0	108.7	107.6	106.5	104.8	102.9	103.3	104.2	103.7	103.6	102.2
1981	102.4	100.5	100.3	100.8	101.1	101.3	101.1	104.1	105.1	104.4	103.1	101.5	98.8
1982		97.1	97.1										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	239.20	224.70	228.57	233.66	240.60	243.01	245.43	239.12	246.02	238.66	235.07	250.88	252.33
1978	265.98	261.68	262.10	264.47	265.43	265.06	268.52	270.29	270.28	271.22	273.24	273.51	280.17
1979	288.15	277.26	275.89	280.38	282.44	280.84	289.68	289.99	290.34	286.40	289.92	290.80	295.87
1980	315.19	267.94	302.88	315.34	312.84	320.99	329.66	322.74	324.41	324.80	329.64	333.32	341.31
1981	356.53	340.71	335.30	337.76	357.35	360.39	360.47	356.17	361.97	365.31	365.65	367.11	365.42
1982		364.55	364.57										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.92	5.66	5.70	5.76	6.00	6.06	6.05	6.10	6.02	6.06	6.06	6.22	6.28
1978	6.60	6.38	6.35	6.53	6.57	6.61	6.63	6.65	6.69	6.73	6.73	6.77	6.91
1979	7.23	6.88	6.87	6.94	7.15	7.14	7.15	7.20	7.17	7.23	7.27	7.36	7.39
1980	7.97	7.43	7.46	7.72	7.84	7.96	8.08	8.15	8.09	8.12	8.20	8.22	8.78
1981	8.79	8.51	8.52	8.72	8.79	8.79	8.84	8.89	8.85	9.02	8.94	9.02	9.20
1982		9.14	9.15										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	39.8	39.1	40.1	40.5	40.1	40.1	40.3	39.2	40.2	41.1	39.5	40.4	40.4
1978	40.2	39.8	39.7	40.2	40.4	40.1	40.5	40.6	40.3	40.3	40.3	40.2	40.4
1979	39.9	39.1	39.5	40.1	40.4	40.1	40.5	40.7	40.3	40.3	40.3	40.2	40.4
1980	40.4	39.8	39.8	40.4	40.5	40.2	40.5	40.6	40.5	40.6	40.6	40.7	40.7
1981	40.1	40.7	41.0	40.9	40.9	40.9	40.9	41.0	41.0	41.0	41.0	41.1	41.1
1982		41.1	41.1										

SIC 322—GLASS AND GLASSWARE, PRESSED OR BLOWN (Con.)

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.2	4.3	4.5	4.8	4.2	4.1	4.1	4.3	4.5	3.7	3.9	4.1	4.1
1978	4.1	4.2	4.3	4.1	4.1	4.1	4.0	4.2	4.2	4.3	4.1	4.1	4.1
1979	4.1	4.1	4.0	4.0	4.5	4.2	4.0	4.2	4.1	4.0	4.0	3.9	3.9
1980	2.8	3.7	4.0	3.9	3.5	3.7	3.7	3.5	3.9	3.9	3.9	3.8	4.0
1981	4.2	3.8	3.8	3.8	3.9	3.9	4.2	4.3	4.2	5.0	4.3	4.2	4.2
1982		3.8	4.1										

SIC 3221—GLASS CONTAINERS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	76.2	74.6	74.6	75.1	75.4	75.8	76.9	78.4	77.5	76.6	74.0	77.5	77.2
1978	77.3	76.9	76.7	76.7	77.4	77.9	78.7	78.4	78.3	77.5	76.9	76.4	75.6
1979	74.1	74.8	74.8	75.2	75.3	76.5	75.9	75.3	74.1	72.8	72.5	71.8	70.6
1980	69.5	70.6	70.4	71.0	69.2	69.3	69.2	68.4	70.1	69.8	69.3	68.8	67.9
1981	67.7	66.5	66.2	66.5	67.7	68.9	70.1	69.7	70.2	68.6	67.5	66.1	64.8
1982		64.2	64.6										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	27.6	26.9	27.0	27.0	27.4	27.3	27.6	28.4	28.0	27.9	27.5	28.1	27.2
1978	27.4	27.5	27.6	27.6	28.0	28.2	28.2	27.9	27.9	27.1	26.5	26.2	25.7
1979	25.1	24.9	25.1	25.2	25.1	25.4	26.0	25.5	24.9	24.4	24.8	24.6	24.1
1980	23.4	24.1	23.6	24.0	23.5	23.5	23.6	23.0	23.8	23.6	23.4	23.3	22.7
1981	22.1	22.1	22.2	22.4	22.5	23.1	23.4	23.4	23.6	23.1	22.9	22.0	21.8
1982		22.4	21.6										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	64.7	63.3	63.2	63.7	64.1	64.5	65.4	70.8	70.0	69.0	66.9	69.5	69.3
1978	68.5	68.6	68.1	68.1	68.8	69.1	69.6	69.4	69.3	68.7	68.0	67.4	66.5
1979	65.2	65.5	65.6	66.1	66.1	66.5	66.8	66.3	65.0	63.6	63.7	62.9	62.2
1980	60.9	61.9	61.3	62.4	60.6	60.8	60.7	59.9	61.6	61.2	60.6	60.0	59.3
1981	59.8	57.9	57.6	57.9	59.3	60.4	61.6	61.4	61.9	60.4	59.4	57.9	56.7
1982		56.2	56.4										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	244.52	233.55	232.70	243.85	251.54	257.11	260.01	250.77	251.23	235.64	238.88	251.39	261.79
1978	277.83	257.80	258.56	258.80	265.17	277.26	283.85	285.82	286.71	284.72	286.71	283.61	293.15
1979	301.66	290.39	295.82	288.67	308.25	307.09	307.09	303.91	301.85	303.91	304.27	305.96	312.77
1980	343.94	306.77	317.29	337.00	330.50	354.35	356.43	349.80	356.47	355.06	352.97	353.46	362.82
1981	377.61	366.24	365.24	355.28	365.33	384.54	387.08	376.00	384.81	381.52	388.22	384.34	383.13
1982		373.35	384.62										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	6.26	5.76	5.76	5.89	6.32	6.38	6.42	6.43	6.45	6.28	6.27	6.43	6.48
1978	6.96	6.51	6.52	6.47	6.85	6.88	6.94	7.04	7.01	7.03	7.01	7.02	7.03
1979	7.43	7.15	7.08	7.11	7.50	7.49	7.49	7.45	7.49	7.56	7.55	7.63	7.61
1980	8.43	7.65	7.70	8.18	8.54	8.56	8.63	8.58	8.62	8.66	8.62	8.60	8.58
1981	9.23	8.72	8.62	8.60	9.22	9.29	9.35	9.23	9.34	9.61	9.40	9.42	9.46
1982		9.30	9.45										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	39.7	40.2	40.4	41.4	39.8	40.3	40.5	39.6	40.5	38.3	37.5	40.4	40.4
1978	40.5	39.6	39.6	40.0	40.0	40.2	40.9	40.6	40.3	40.2	40.9	40.4	41.7
1979	40.6	40.9	40.6	40.6	41.1	41.0	41.0	40.2	40.3	40.3	40.3	40.1	41.1
1980	40.8	40.1	41.1	41.2	38.7	41.3	41.3	40.3	41.4	41.5	40.9	41.1	41.8
1981	41.0	42.0	41.2	41.3	41.0	43.5	41.4	40.3	41.2	39.1	41.3	40.8	40.5
1982		39.3	40.1										

See footnotes at end of table.

SIC 3221—GLASS CONTAINERS (Con.)

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.6	5.0	4.9	5.0	4.4	4.5	4.6	4.9	5.1	3.9	4.2	4.5	4.7
1978	4.7	4.7	4.6	4.7	4.7	4.6	4.6	4.7	4.9	4.9	4.6	4.5	4.4
1979	4.5	4.7	4.4	4.5	5.0	4.4	4.4	4.5	4.3	4.3	4.4	4.1	4.1
1980	4.3	4.0	4.5	4.1	3.6	4.1	4.2	4.0	4.6	4.5	4.4	4.3	4.6
1981	4.7	4.1	4.3	4.4	4.3	4.3	4.7	4.7	4.8	5.5	5.1	5.0	4.9
1982		4.5	4.8										

SIC 3229—PRESSED AND BLOWN GLASS, NEC

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	57.7	55.4	52.0	57.1	59.1	59.3	59.2	58.1	57.0	59.2	58.8	59.2	58.1
1978	59.0	58.2	58.3	58.4	58.8	58.7	59.1	58.2	58.2	59.5	60.0	60.0	60.0
1979	57.9	59.7	58.0	58.3	56.6	57.6	58.0	57.1	57.1	56.3	57.7	56.4	56.4
1980	54.8	57.5	56.6	56.4	56.4	55.7	54.1	53.0	52.4	53.8	53.9	54.0	53.6
1981	53.5	53.2	53.0	53.4	53.4	53.5	54.1	53.2	53.9	54.4	54.1	53.7	52.3
1982		51.5	50.6										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	18.5	17.6	16.6	18.1	18.8	18.9	19.0	18.7	18.4	19.3	19.1	19.1	18.2
1978	19.1	18.6	18.8	18.8	19.0	18.6	19.0	18.9	19.4	19.6	19.6	19.6	19.6
1979	19.0	19.5	18.6	18.8	18.3	18.5	19.0	18.9	18.7	19.4	19.3	19.4	19.5
1980	18.1	18.8	18.6	18.5	18.8	18.6	18.0	17.6	17.0	17.5	17.7	17.8	17.7
1981	17.7	17.5	17.5	17.5	17.6	17.6	17.9	17.6	17.9	18.1	18.1	17.8	17.2
1982		17.0	16.4										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	47.9	45.8	42.3	47.3	49.2	49.4	49.6	48.4	47.2	49.0	48.8	49.1	48.1
1978	48.5	48.2	48.3	48.4	48.8	48.7	48.9	48.0	47.9	49.2	49.6	50.1	50.1
1979	47.9	49.8	47.9	48.2	47.0	47.7	48.1	47.1	47.0	46.1	47.6	46.3	46.1
1980	44.5	47.4	46.3	46.3	46.4	45.7	44.1	43.0	41.7	43.0	43.1	43.6	42.9
1981	43.1	42.6	42.6	42.9	42.8	42.9	43.5	42.7	43.2	44.0	43.9	43.6	42.1
1982		41.5	40.5										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	225.44	213.95	221.20	219.62	225.18	222.32	224.60	221.82	222.72	226.97	229.37	236.34	238.36
1978	249.60	237.60	242.99	248.67	244.33	247.16	246.18	247.82	246.54	252.00	254.47	260.18	262.64
1979	270.40	260.57	260.83	269.07	269.99	265.86	266.53	270.68	266.11	271.20	273.53	282.50	287.24
1980	289.87	286.31	284.00	286.22	290.48	288.64	292.33	285.25	275.84	281.78	297.50	305.32	309.44
1981	326.41	306.48	308.89	312.84	314.40	324.01	322.79	327.62	329.67	342.38	335.72	343.85	341.54
1982		332.16	335.72										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.65	5.50	5.60	5.56	5.56	5.60	5.62	5.63	5.61	5.66	5.72	5.85	5.90
1978	6.24	6.00	6.09	6.14	6.17	6.21	6.17	6.18	6.21	6.30	6.33	6.44	6.60
1979	6.76	6.54	6.62	6.71	6.65	6.62	6.68	6.75	6.72	6.78	6.89	7.01	7.11
1980	7.32	7.14	7.10	7.12	7.19	7.18	7.29	7.39	7.24	7.30	7.57	7.71	7.71
1981	8.14	7.72	7.80	7.90	7.98	8.06	8.09	8.17	8.14	8.25	8.31	8.49	8.61
1982		8.65	8.72										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	39.9	38.9	39.5	39.5	40.5	39.7	40.0	39.4	39.7	40.1	40.1	40.4	40.4
1978	40.5	39.6	39.9	40.5	39.6	39.8	39.9	40.1	39.7	40.0	40.2	40.4	39.8
1979	40.0	39.6	39.4	40.1	40.6	40.1	39.9	40.1	39.6	40.0	39.7	40.3	40.4
1980	39.6	40.1	40.0	40.2	40.4	40.2	40.1	38.6	38.1	38.6	39.3	39.6	40.2
1981	40.1	39.7	39.1	39.6	39.9	40.2	39.9	40.1	40.5	41.5	40.4	40.5	39.9
1982		38.4	38.5										

SIC 3229—PRESSED AND BLOWN GLASS, NEC (Con.)

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	3.5	3.2	3.8	3.5	4.0	3.5	3.3	3.4	3.6	3.4	3.4	3.6	3.3
1978	3.4	3.4	3.5	3.3	3.2	3.4	3.2	3.3	3.3	3.5	3.4	3.5	3.6
1979	3.5	3.2	3.4	3.3	3.9	3.8	3.5	3.5	3.1	3.7	3.4	3.5	3.5
1980	3.2	3.4	3.4	3.4	3.3	3.2	3.1	2.9	2.8	3.0	3.2	3.2	3.2
1981	3.4	3.2	3.2	3.1	3.2	3.4	3.5	3.7	3.6	4.3	3.3	3.2	3.2
1982		2.9	3.0										

SIC 323—PRODUCTS OF PURCHASED GLASS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	43.2	41.6	41.1	41.8	42.1	42.7	43.3	43.1	43.8	44.4	44.5	44.9	44.8
1978	46.6	44.5	45.1	45.0	45.7	46.4	47.6	46.9	47.2	47.4	48.0	48.1	47.7
1979	47.0	46.5	46.7	47.5	46.3	46.2	47.6	47.0	47.3	47.4	47.4	47.2	46.8
1980	44.6	46.3	46.8	46.7	46.1	44.5	43.4	42.3	43.0	44.6	44.2	44.7	44.7
1981	44.5	44.6	44.5	44.3	44.2	44.4	45.6	44.8	45.3	45.5	44.5	43.6	42.7
1982		41.8	40.9										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	10.7	9.9	9.9	10.3	10.4	11.0	11.1	11.0	10.9	10.9	10.9	11.1	10.8
1978	13.7	10.8	10.9	10.9	12.6	13.0	13.4	13.2	13.4	13.5	13.7	13.7	13.7
1979	13.7	13.4	13.7	14.1	14.0	13.9	13.4	13.1	13.2	13.6	13.7	13.9	14.0
1980	13.3	13.7	13.7	14.1	13.6	13.2	12.9	12.7	12.8	13.3	13.1	13.0	12.9
1981	12.8	13.9	12.9	12.6	12.6	12.7	13.3	13.1	12.9	13.1	12.8	12.7	12.2
1982		12.1	12.2										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	32.6	30.8	30.5	31.6	32.0	32.7	33.4	32.9	33.4	33.7	33.5	33.7	33.3
1978	33.2	32.8	33.2	32.8	32.3	33.0	33.7	32.7	32.9	33.2	34.1	33.9	33.5
1979	34.1	33.0	33.4	33.8	33.4	33.3	35.2	34.3	34.3	34.8	35.0	34.1	34.3
1980	31.9	34.6	35.0	34.7	33.9	31.9	30.5	28.8	29.6	30.8	30.6	31.0	30.8
1981	30.7	30.7	30.7	30.1	30.1	30.9	29.3	29.7	30.3	30.5	29.7	28.9	27.7
1982		27.8	27.5										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	240.86	239.45	234.64	238.15	228.98	235.00	236.97	244.08	238.04	245.44	259.25	242.57	246.97
1978	257.29	251.44	244.82	247.85	241.20	251.31	255.84	239.24	253.15	271.57	273.90	277.77	278.38
1979	257.11	272.46	261.30	269.45	250.04	246.00	246.46	241.57	235.31	246.41	264.71	272.30	277.72
1980	268.05	252.90	252.80	257.28	246.27	245.12	242.94	246.40	252.98	259.20	272.16	289.80	284.56
1981	294.86	285.42	271.96	286.72	269.08	266.40	255.47	293.88	289.09	300.13	310.13	302.54	313.50
1982		297.26	299.91										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	5.79	5.53	5.60	5.63	5.64	5.69	5.71	5.91	5.82	5.90	6.10	5.96	5.98
1978	6.26	6.16	6.09	6.06	6.03	6.19	6.24	6.15	6.22	6.42	6.46	6.49	6.55
1979	6.38	6.55	6.50	6.54	6.33	6.15	6.24	6.21	6.16	6.27	6.52	6.53	6.55
1980	6.50	6.26	6.32	6.40	6.38	6.40	6.41	6.40	6.52	6.48	6.72	6.90	6.89
1981	7.16	7.03	6.92	7.15	7.30	7.41	7.35	7.44	7.47	7.56	7.62	7.64	7.76
1982		7.97	7.69										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	41.6	43.3	41.9	42.3	40.6	41.3	41.5	41.3	40.9	41.6	42.5	40.7	41.3
1978	41.1	40.9	40.2	40.9	40.0	40.6	41.0	38.9	40.7	42.3	42.4	42.8	42.5
1979	40.3	41.6	40.2	41.2	39.5	40.0	39.5	38.9	38.2	39.3	40.6	41.7	42.4
1980	39.7	40.4	40.0	40.2	39.5	38.3	37.9	38.5	38.8	40.0	40.5	42.0	41.3
1981	39.9	40.6	39.3	40.1	39.6	40.0	40.2	39.5	38.7	39.7	40.7	39.6	40.4
1982		37.3	39.0										

SIC 323—PRODUCTS OF PURCHASED GLASS (Con.)

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	4.2	4.2	3.6	3.5	3.8	4.0	4.0	4.3	4.3	4.9	6.4	3.6	3.8
1978	4.3	4.2	3.9	3.7	3.4	3.5	4.2	3.7	3.7	4.9	5.6	5.2	5.1
1979	3.3	4.6	4.7	4.5	3.3	3.8	2.6	2.2	1.9	2.4	2.7	3.2	3.5
1980	2.5	2.2	2.4	2.4	1.8	1.5	1.4	1.9	2.6	3.0	3.4	4.1	3.7
1981	3.0	3.0	2.9	3.2	2.8	3.1	3.2	3.1	3.0	3.1	3.1	2.4	2.9
1982		2.4	2.6										

SIC 324—CEMENT, HYDRAULIC

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	30.7	29.2	28.3	29.6	30.2	30.5	31.5	31.9	31.9	31.1	31.1	31.5	31.4
1978	32.2	31.3	31.0	31.0	31.7	32.2	33.1	32.7	33.0	32.4	32.4	32.7	32.3
1979	32.7	32.3	32.2	32.4	32.8	32.7	33.4	33.1	33.3	32.7	32.6	32.5	32.0
1980	30.9	31.2	30.9	30.8	30.5	30.4	31.6	31.3	31.1	30.9	30.5	31.3	30.4
1981	30.5	30.2	30.1	30.1	30.5	30.3	31.2	31.7	31.4	30.6	30.0	30.4	29.0
1982		27.8	27.8										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	1.4	1.3	1.3	1.3	1.3	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5
1978	1.6	1.5	1.5	1.5	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.6	1.6
1979	1.7	1.6	1.6	1.7	1.6	1.7	1.7	1.7	1.8	1.7	1.7	1.7	1.7
1980	1.7	1.7	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7
1981	1.8	1.8	1.8	1.8	1.8	1.8	1.9	1.9	1.9	1.8	1.8	1.8	1.8
1982		1.7	1.7										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	24.3	22.7	21.9	23.2	23.9	24.1	25.1	25.4	25.4	24.7	24.7	25.0	24.9
1978	25.6	24.8	24.4	24.4	25.0	25.5	26.4	26.4	26.4	25.7	25.8	26.2	26.0
1979	26.2	26.1	25.9	26.0	26.4	26.2	27.0	26.6	27.0	26.2	25.9	26.0	25.6
1980	24.7	24.9	24.6	24.6	24.4	24.3	25.4	25.1	24.8	24.6	24.3	24.9	24.0
1981	24.1	23.7	23.6	23.6	24.0	24.0	24.9	25.4	25.1	24.3	23.8	24.3	22.9
1982		21.8	22.8										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	333.75	306.69	314.58	318.22	315.42	338.35	344.86	347.87	342.55	341.46	341.82	345.56	342.32
1978	365.05	343.61	342.77	350.20	351.50	344.86	358.66	369.30	370.02	380.80	377.40	404.32	380.75
1979	409.07	392.21	381.01	401.56	410.83	408.53	414.19	412.13	409.28	416.08	412.85	430.84	414.40
1980	446.27	412.58	422.58	437.47	427.91	443.52	454.97	453.46	446.78	452.94	457.26	470.26	469.08
1981	488.14	458.70	459.13	461.48	476.27	459.41	476.35	499.56	502.25	523.38	506.62	528.28	505.98
1982		500.14	500.94										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	7.89	7.39	7.49	7.47	7.51	7.98	8.02	8.09	8.06	8.13	8.10	8.15	8.17
1978	8.63	8.24	8.22	8.24	8.29	8.33	8.56	8.71	8.81	8.96	8.88	9.21	8.98
1979	9.58	9.10	9.05	9.21	9.51	9.59	9.70	9.72	9.63	9.79	9.76	10.09	9.82
1980	10.55	9.80	9.99	10.15	10.14	10.56	10.68	10.72	10.74	10.81	10.81	11.17	11.03
1981	11.65	11.00	11.09	11.12	11.18	11.26	11.59	11.81	11.93	12.20	12.12	12.43	11.99
1982		12.11	12.10										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	42.3	41.5	42.0	42.6	42.0	42.4	43.0	43.0	42.5	42.0	42.2	42.4	41.9
1978	42.3	41.7	41.7	42.5	42.4	41.4	41.9	42.4	42.0	42.5	42.5	43.9	42.4
1979	42.7	43.1	42.1	43.6	43.2	42.6	42.7	42.4	42.5	42.5	42.3	42.7	42.2
1980	42.3	42.1	42.3	43.1	42.2	42.0	42.6	42.3	41.6	41.9	42.3	42.1	42.6
1981	41.9	41.7	41.4	41.5	42.6	40.8	41.1	42.3	42.1	42.9	41.8	42.5	42.2
1982		41.3	41.4										

See footnotes at end of Tables.

SIC 324—CEMENT, HYDRAULIC (Con.)

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	3.9	2.8	3.4	3.7	3.8	3.8	4.2	4.3	4.2	4.1	4.0	4.2	4.0
1978	4.3	4.3	4.4	4.4	4.5	4.1	4.3	4.3	4.4	4.7	4.4	4.1	4.0
1979	4.4	4.7	4.3	5.4	4.4	4.2	4.1	4.3	4.3	4.5	4.0	4.2	4.0
1980	3.5	3.7	3.9	4.9	4.0	2.9	2.9	3.1	3.0	3.3	3.3	3.2	3.6
1981	3.1	3.2	3.1	3.0	3.5	3.2	3.1	3.3	3.3	3.5	3.1	2.8	2.5
1982		2.8	2.6										

SIC 325—STRUCTURAL CLAY PRODUCTS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	50.1	46.9	43.1	47.4	49.8	50.9	52.1	52.4	52.8	52.0	51.7	51.1	50.7
1978	51.4	49.9	49.5	49.3	50.7	51.1	52.4	52.0	52.4	52.0	52.1	52.3	52.5
1979	52.1	51.8	51.3	51.9	52.2	52.7	53.7	53.0	52.6	51.9	51.6	51.6	50.9
1980	45.6	48.9	48.2	48.7	47.3	45.3	44.9	43.7	43.9	43.8	44.0	44.5	43.8
1981	41.4	41.6	40.6	40.6	42.1	43.0	43.7	42.7	42.6	42.2	46.9	39.4	37.4
1982		35.4	34.4										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	6.2	6.2	5.6	6.0	6.2	6.3	6.3	6.3	6.4	6.3	6.3	6.4	6.3
1978	6.4	6.3	6.3	6.4	6.4	6.4	6.5	6.1	6.3	6.4	6.5	6.6	6.7
1979	7.0	6.7	6.8	6.8	6.9	7.0	7.3	7.0	7.2	7.1	7.3	7.2	7.2
1980	6.5	7.1	7.1	7.1	6.8	6.4	6.4	6.2	6.3	6.2	6.5	6.3	6.4
1981	6.3	6.2	6.1	5.9	6.1	6.2	6.5	6.4	6.5	6.2	6.5	6.4	6.2
1982		6.0	5.9										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	40.1	37.2	33.2	37.6	40.0	41.1	42.2	42.3	42.6	41.8	41.7	41.2	40.6
1978	40.6	39.6	39.2	38.9	40.1	40.4	41.5	41.2	41.6	40.9	41.1	41.3	41.5
1979	40.4	40.6	40.1	40.5	40.8	41.0	42.1	41.2	40.5	39.9	39.6	39.5	39.0
1980	34.4	37.1	36.3	36.9	35.4	33.9	33.7	32.8	33.0	33.0	33.1	33.8	33.3
1981	31.2	31.2	30.3	30.4	31.8	32.8	33.5	32.5	32.5	32.0	30.9	29.3	27.7
1982		25.7	24.8										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	191.82	175.17	179.90	185.95	189.93	192.51	194.99	192.70	192.64	198.31	196.11	198.65	199.55
1978	210.02	191.66	199.10	204.26	207.58	210.12	215.69	210.01	208.28	214.32	214.20	219.54	222.18
1979	228.52	215.74	219.35	225.22	223.44	228.67	232.69	230.16	227.14	233.76	236.08	236.90	238.30
1980	244.99	237.55	236.40	240.99	243.60	242.09	244.73	236.69	245.78	250.85	249.42	258.16	257.81
1981	269.74	253.20	253.59	260.65	265.93	266.34	270.80	273.76	276.74	278.88	279.39	277.20	276.61
1982		270.00	279.24										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	4.69	4.48	4.52	4.58	4.61	4.65	4.71	4.70	4.71	4.79	4.76	4.81	4.82
1978	5.11	4.84	4.88	4.91	4.99	5.10	5.16	5.16	5.13	5.24	5.25	5.29	5.29
1979	5.56	5.34	5.35	5.44	5.49	5.51	5.58	5.60	5.54	5.66	5.73	5.75	5.77
1980	6.14	5.88	5.91	5.98	6.09	6.16	6.18	6.18	6.16	6.24	6.22	6.39	6.35
1981	6.71	6.41	6.42	6.50	6.55	6.56	6.67	6.81	6.85	6.92	6.95	6.93	6.95
1982		7.20	7.16										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	40.9	39.1	39.8	40.6	41.2	41.4	41.4	41.0	40.9	41.4	41.2	41.3	41.4
1978	41.1	39.6	40.8	41.6	41.6	41.6	41.8	40.7	40.6	40.9	40.8	41.5	42.0
1979	41.1	40.4	41.0	41.4	40.7	41.5	41.7	41.1	39.9	41.3	41.2	41.2	41.3
1980	39.9	40.4	40.0	40.3	40.0	39.3	39.6	38.3	40.4	40.2	40.1	40.4	40.6
1981	40.2	39.5	39.0	40.1	40.6	40.6	40.7	40.2	40.4	40.3	40.2	40.0	39.8
1982		37.5	39.0										

See footnotes at end of tables

SIC 325—STRUCTURAL CLAY PRODUCTS (Con.)

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	4.1	3.3	3.2	3.5	4.0	4.1	4.2	4.4	4.4	4.6	4.3	4.3	4.5
1978	4.3	4.0	4.2	4.4	4.4	4.4	4.4	4.5	4.3	4.4	4.3	4.2	4.4
1979	4.0	3.8	3.9	4.0	4.0	4.1	4.2	4.2	4.2	4.3	4.1	4.1	3.8
1980	3.0	3.4	3.3	3.3	2.9	2.9	2.7	2.7	3.0	3.0	3.0	3.3	3.1
1981	3.0	2.8	2.8	2.7	2.9	3.0	3.0	3.1	3.3	3.3	3.0	2.9	2.6
1982		2.5	2.4										

SIC 326—POTTERY AND RELATED PRODUCTS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	45.6	44.4	43.9	44.7	44.7	45.2	46.3	45.5	46.3	46.8	46.8	46.9	45.8
1978	46.5	45.4	45.8	46.2	45.4	46.1	46.7	46.2	46.6	47.0	47.6	48.0	47.5
1979	47.8	45.9	45.9	46.6	47.3	47.8	48.3	47.4	48.2	48.9	49.3	49.7	48.6
1980	46.0	48.2	48.9	49.2	48.4	46.6	45.7	42.3	43.7	44.8	44.8	45.0	44.0
1981	42.9	43.6	43.6	43.3	42.7	42.6	42.8	42.3	43.6	43.7	43.0	42.3	40.8
1982		37.5	39.1										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	16.1	15.7	15.4	15.7	15.6	15.8	16.3	15.8	16.5	16.8	16.9	16.8	16.2
1978	16.4	15.9	16.0	16.1	15.9	16.2	16.3	15.9	16.3	16.9	17.1	17.3	16.8
1979	16.7	16.1	16.2	16.5	16.1	16.7	16.7	16.3	16.6	17.0	17.2	17.2	16.6
1980	15.3	16.3	16.4	16.6	16.1	15.2	14.6	13.3	14.2	15.0	15.2	15.2	15.0
1981	14.9	14.9	15.0	14.9	14.5	14.6		14.7	15.2	15.6	15.2	14.8	14.4
1982		17.8	13.8										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	38.1	37.1	36.4	37.1	37.0	37.6	38.7	38.0	38.9	39.4	39.3	39.5	38.5
1978	39.2	38.1	38.7	38.9	38.3	38.7	39.3	38.6	39.3	39.7	40.2	40.4	39.8
1979	40.2	38.7	38.7	39.2	40.0	40.2	40.7	39.6	40.5	41.3	41.6	41.7	40.7
1980	37.4	40.0	40.3	40.7	39.8	38.2	37.8	34.3	36.0	37.0	37.0	37.0	36.4
1981	35.3	36.2	36.0	35.6	35.2	35.0	35.0	34.4	36.1	36.0	35.4	34.7	33.5
1982		30.2	31.6										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	188.46	173.80	183.52	185.97	187.54	189.12	187.59	184.99	187.02	193.25	194.93	195.82	200.66
1978	204.75	190.88	202.18	202.80	199.76	203.03	208.80	200.06	201.88	205.67	210.67	213.60	217.31
1979	221.70	214.42	217.40	219.30	214.63	217.23	220.35	217.93	217.16	225.79	228.31	233.38	233.64
1980	244.77	237.94	243.97	243.32	242.19	239.94	239.47	233.73	241.96	242.26	252.01	258.40	259.50
1981	265.20	261.89	268.80	265.59	266.06	268.89	268.62	264.50	261.50	263.16	264.52	270.28	271.93
1982		263.45	276.58										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	4.82	4.61	4.73	4.72	4.76	4.80	4.81	4.83	4.82	4.88	4.91	4.90	5.08
1978	5.21	5.09	5.08	5.07	5.07	5.14	5.22	5.21	5.23	5.26	5.32	5.34	5.46
1979	5.67	5.47	5.56	5.51	5.58	5.57	5.65	5.72	5.67	5.76	5.78	5.82	5.95
1980	6.26	6.07	6.13	6.16	6.21	6.20	6.22	6.30	6.22	6.26	6.38	6.46	6.52
1981	6.80	6.63	6.67	6.69	6.77	6.78	6.87	6.87	6.81	6.80	6.80	6.86	7.10
1982		7.16	7.11										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	39.1	37.7	38.8	39.4	39.4	39.4	39.0	38.3	38.8	39.6	39.7	39.8	39.5
1978	39.3	37.5	39.6	40.0	39.4	39.5	40.0	38.4	38.6	39.2	39.6	40.0	39.8
1979	39.1	39.2	39.1	39.8	38.5	39.0	39.0	38.1	38.3	39.2	39.5	40.1	39.3
1980	39.1	39.2	39.8	39.1	39.7	38.7	38.5	37.1	38.9	38.7	39.5	40.0	39.8
1981	39.0	36.8	39.5	39.7	39.3	39.6	39.1	38.5	38.4	38.7	38.9	39.4	38.3
1982		38.9	38.9										

SIC 326—POTTERY AND RELATED PRODUCTS (Con.)

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	2.5	1.9	2.5	2.5	2.3	2.3	2.4	2.1	2.5	2.7	2.9	2.8	2.6
1978	2.6	2.2	2.7	2.6	2.4	2.4	2.5	2.1	2.5	2.5	3.0	3.0	2.7
1979	2.5	2.4	2.4	2.4	2.2	2.4	2.4	2.2	2.5	2.7	2.8	2.8	2.4
1980	2.4	2.2	2.6	2.5	2.3	2.2	1.9	1.8	2.4	2.6	2.7	2.9	2.6
1981	2.0	2.3	2.2	2.0	2.1	2.0	1.8	1.6	1.7	2.0	2.2	2.1	1.9
1982		1.6	2.0										

SIC 327—CONCRETE, GYPSUM, AND PLASTER PRODUCTS

ALL EMPLOYEES—IN THOUSANDS

1977	197.0	170.5	169.5	181.0	191.7	199.3	207.6	209.9	210.7	209.2	208.6	206.7	199.7
1978	210.1	186.6	184.6	193.4	207.5	215.4	222.3	222.1	222.5	220.7	219.3	217.2	209.3
1979	216.0	193.9	194.5	204.3	212.6	220.8	227.7	228.2	229.1	225.5	224.7	219.2	211.1
1980	204.3	198.4	195.2	198.3	202.6	207.8	210.6	210.5	210.6	209.3	207.5	205.3	196.0
1981	192.7	183.7	179.5	186.6	196.1	199.7	201.7	201.3	200.7	198.4	194.0	189.5	181.3
1982		162.9	160.9										

WOMEN EMPLOYEES—IN THOUSANDS

1977	13.0	12.1	12.2	12.2	12.5	12.9	13.3	13.3	13.3	13.4	13.5	13.6	
1978	14.3	13.4	13.5	13.6	13.8	14.3	14.6	14.9	15.0	15.0	14.6	14.6	14.4
1979	15.3	14.3	14.3	14.5	14.8	15.2	15.7	15.8	15.9	15.9	15.7	15.7	15.6
1980	15.3	15.4	15.2	15.1	15.2	15.2	15.3	15.4	15.5	15.5	15.4	15.5	15.0
1981	15.0	15.0	14.8	14.9	15.0	15.2	15.5	15.3	15.2	15.0	15.0	14.7	14.7
1982		14.5	14.3										

PRODUCTION WORKERS—IN THOUSANDS

1977	153.8	128.9	127.8	138.6	148.8	155.7	163.4	165.7	166.5	164.5	163.7	162.0	155.2
1978	164.4	142.9	140.4	148.9	162.2	169.3	175.8	175.3	175.9	174.6	173.0	171.2	163.6
1979	168.3	148.3	148.6	158.0	165.1	172.4	179.5	179.6	180.1	177.1	176.0	171.3	163.5
1980	157.2	150.5	148.3	150.8	155.3	160.4	162.9	162.8	163.3	162.4	161.2	158.9	150.0
1981	147.6	138.3	134.5	141.1	150.5	154.2	155.6	155.6	154.7	153.8	149.9	145.8	137.6
1982		119.6	117.9										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

1977	247.51	203.66	220.95	229.63	244.81	250.26	255.06	257.25	259.45	260.29	261.60	257.14	248.05
1978	269.21	213.89	227.56	250.20	265.61	271.56	282.24	283.85	286.78	286.00	288.63	279.06	277.33
1979	292.32	246.38	256.80	277.95	277.20	296.09	303.01	301.78	309.28	309.67	308.79	304.44	301.04
1980	309.18	269.40	270.20	286.22	297.88	303.56	316.63	318.61	323.60	332.82	331.70	328.32	321.98
1981	334.97	305.74	293.36	318.30	331.55	338.97	344.40	351.10	352.80	347.73	345.20	341.09	337.28
1982		296.84	318.74										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

1977	5.81	5.46	5.51	5.56	5.68	5.74	5.81	5.86	5.91	5.97	6.00	5.98	5.92
1978	6.29	5.86	5.88	6.00	6.12	6.20	6.30	6.35	6.43	6.50	6.53	6.52	6.51
1979	6.83	6.35	6.42	6.54	6.60	6.76	6.84	6.89	6.95	7.07	7.05	7.08	7.10
1980	7.45	6.89	7.00	7.12	7.23	7.35	7.45	7.55	7.65	7.74	7.75	7.78	7.74
1981	8.17	7.76	7.72	7.84	7.97	8.09	8.20	8.32	8.38	8.44	8.44	8.36	8.39
1982		8.53	8.41										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

1977	42.6	37.3	40.1	41.3	43.1	43.6	43.9	43.9	43.9	43.6	43.6	43.0	41.9
1978	42.8	36.5	38.7	41.7	43.4	43.8	44.8	44.7	44.6	44.0	44.2	42.8	42.6
1979	42.8	38.8	40.0	42.5	42.0	43.8	44.3	43.8	44.5	43.8	43.8	43.0	42.4
1980	41.5	39.1	38.6	40.2	41.2	41.3	42.5	42.2	42.3	43.0	42.8	42.2	41.6
1981	41.0	39.4	38.0	40.6	41.6	41.9	42.0	42.2	42.1	41.2	40.9	40.8	40.2
1982		34.8	37.9										

See footnotes at end of tables.

SIC 327—CONCRETE, GYPSUM, AND PLASTER PRODUCTS (Con.)

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	6.0	3.1	4.4	5.1	6.0	6.6	6.7	7.0	6.9	6.7	6.7	6.0	5.3
1978	6.4	3.8	4.4	5.5	6.7	6.9	7.5	7.5	7.4	7.2	7.2	6.2	5.8
1979	6.1	4.3	4.7	5.8	5.5	6.7	7.1	6.7	7.1	6.8	6.5	5.7	5.1
1980	4.9	4.1	3.9	4.5	4.5	4.6	5.2	5.1	5.4	5.8	5.7	5.3	4.8
1981	4.6	4.0	3.8	4.6	5.1	5.3	5.3	5.4	5.3	4.7	4.8	4.6	4.1
1982		2.8	3.6										

SIC 3271—CONCRETE BLOCK AND BRICK

ALL EMPLOYEES—IN THOUSANDS

1977	22.8	20.2	19.3	21.0	22.5	23.5	24.4	24.3	24.3	23.9	23.7	23.4	23.0
1978	23.7	21.5	20.8	22.1	23.9	24.3	24.8	25.0	25.1	24.5	24.5	24.5	23.6
1979	23.4	21.6	21.2	22.4	23.7	24.6	24.9	24.7	24.5	23.9	23.6	23.1	22.4
1980	21.0	21.2	20.4	20.9	21.1	21.2	21.3	21.3	21.4	21.1	21.2	21.0	20.2
1981	19.1	18.6	17.7	18.4	19.5	20.0	20.3	19.9	19.8	19.3	19.1	18.7	18.2
1982		16.9	16.0										

PRODUCTION WORKERS—IN THOUSANDS

1977	15.7	13.4	12.8	14.3	15.7	16.5	17.2	17.0	17.0	16.6	16.5	16.1	15.6
1978	16.6	14.6	14.0	15.1	16.7	17.1	17.5	17.6	17.7	17.5	17.4	17.4	16.5
1979	16.6	15.0	14.7	15.8	16.8	17.5	17.9	17.7	17.5	17.0	16.8	16.4	15.8
1980	14.6	14.4	13.9	14.3	14.5	14.7	14.9	14.8	14.9	14.8	14.8	14.6	14.0
1981	13.1	12.6	11.8	12.6	13.6	14.0	14.1	13.8	13.6	13.2	13.0	12.7	12.2
1982		11.0	10.3										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

1977	227.94	184.13	201.50	211.09	227.19	228.51	237.51	241.30	241.98	239.23	239.32	235.49	228.54
1978	247.24	195.81	199.28	229.19	240.90	252.11	260.35	262.54	264.81	265.19	263.73	260.89	254.32
1979	274.44	230.29	241.38	264.05	266.74	282.56	281.42	287.84	292.19	284.65	283.72	282.74	286.23
1980	282.74	250.04	247.52	258.24	273.61	276.41	283.53	290.81	292.22	306.05	314.55	303.80	302.33
1981	310.80	288.64	285.37	301.98	311.75	314.89	314.49	319.60	322.18	315.46	326.69	314.16	311.36
1982		271.26	287.26										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

1977	5.24	4.99	5.05	5.05	5.14	5.17	5.22	5.28	5.33	5.34	5.39	5.34	5.39
1978	5.71	5.35	5.30	5.38	5.50	5.64	5.76	5.77	5.82	5.88	5.90	5.97	5.97
1979	6.28	5.92	6.08	6.07	6.09	6.21	6.24	6.34	6.45	6.44	6.39	6.47	6.52
1980	6.70	6.33	6.45	6.44	6.53	6.55	6.64	6.67	6.78	6.94	6.99	7.00	6.95
1981	7.40	7.18	7.17	7.19	7.25	7.34	7.47	7.52	7.51	7.44	7.51	7.48	7.65
1982		7.84	7.52										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

1977	43.5	36.9	39.9	41.8	44.2	44.2	45.5	45.7	45.4	44.8	44.4	44.1	42.4
1978	43.3	36.6	37.6	42.6	43.8	44.7	45.2	45.5	45.5	45.1	44.7	43.7	42.6
1979	43.7	38.9	39.7	43.5	43.8	45.5	45.1	45.4	45.3	44.2	44.4	43.7	43.9
1980	42.2	39.5	37.6	40.1	41.9	42.2	42.7	43.6	43.1	44.1	45.0	43.4	43.5
1981	42.0	40.2	39.8	42.0	43.0	42.9	42.1	42.5	42.9	42.4	43.5	42.0	40.7
1982		34.6	38.2										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

1977	6.4	3.1	4.2	5.2	6.3	6.8	7.4	7.8	7.7	7.4	7.3	6.5	5.6
1978	6.9	3.4	3.7	5.7	7.6	8.3	8.3	8.3	8.0	7.7	7.8	7.1	6.0
1979	6.5	4.6	4.7	6.6	6.3	7.4	7.5	7.6	7.3	6.9	6.8	6.2	5.4
1980	4.8	4.0	3.8	4.5	4.4	4.3	5.0	5.2	4.6	5.5	5.9	5.5	5.1
1981	4.5	3.7	3.8	4.4	5.5	5.2	4.8	5.0	4.7	4.2	4.7	4.5	3.7
1982		2.1	3.2										

SIC 3272—CONCRETE PRODUCTS, NEC

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	67.6	59.9	59.3	62.6	64.4	66.6	70.1	71.4	72.3	72.1	71.8	70.8	69.4
1978	72.0	66.0	66.3	68.3	71.4	73.0	75.4	74.5	74.6	74.4	74.3	73.7	72.0
1979	72.3	68.1	68.5	70.4	71.5	72.9	75.0	75.4	76.3	75.3	74.1	71.5	68.9
1980	68.1	66.6	66.7	67.3	67.4	68.0	69.5	69.3	69.7	69.7	68.8	68.1	65.8
1981	65.6	63.4	63.5	64.1	66.1	67.0	67.2	66.9	67.9	67.3	65.9	64.7	62.7
1982		57.7	57.7										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	53.0	45.9	45.2	48.4	50.0	52.4	55.5	56.8	57.8	57.2	56.6	55.6	54.6
1978	56.4	51.4	51.3	53.3	56.1	57.4	59.4	58.4	58.7	58.5	58.2	58.0	56.2
1979	55.4	51.8	51.9	53.8	54.6	55.3	57.7	58.2	59.0	58.2	57.1	54.9	52.5
1980	51.4	50.0	50.3	50.7	50.7	51.3	52.4	52.3	52.7	52.9	52.4	51.3	49.3
1981	48.9	46.9	46.8	47.2	49.1	50.0	49.9	50.1	50.5	50.7	49.8	48.6	46.6
1982		41.7	41.6										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	215.12	184.23	201.28	206.74	214.14	217.36	222.92	226.53	227.06	230.69	226.80	231.63	224.35
1978	234.35	197.47	213.10	228.65	233.20	237.11	238.10	238.29	241.83	247.66	245.23	242.76	241.92
1979	253.13	225.37	230.11	246.03	240.72	253.68	258.34	256.39	265.31	264.39	266.29	262.09	265.22
1980	276.81	246.09	251.30	262.92	266.67	275.22	277.38	279.71	288.54	291.45	292.56	289.80	292.07
1981	300.56	261.07	268.80	268.40	291.33	298.91	307.94	313.11	314.49	309.34	313.50	310.50	311.40
1982		275.54	302.54										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	5.28	5.02	5.07	5.13	5.16	5.20	5.27	5.33	5.33	5.39	5.40	5.45	5.38
1978	5.62	5.41	5.45	5.47	5.50	5.54	5.55	5.62	5.69	5.80	5.77	5.78	5.76
1979	6.07	5.72	5.71	5.83	5.90	6.04	6.05	6.09	6.17	6.28	6.31	6.27	6.33
1980	6.67	6.22	6.33	6.46	6.52	6.60	6.62	6.74	6.87	6.89	6.90	6.90	6.84
1981	7.26	6.94	6.91	7.00	7.02	7.10	7.28	7.35	7.47	7.49	7.50	7.50	7.54
1982		7.85	7.64										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	41.5	39.7	39.7	40.3	41.5	41.8	42.3	42.5	42.6	42.8	42.0	42.5	41.7
1978	41.7	39.5	39.1	41.8	42.4	42.8	42.9	42.4	42.5	42.7	42.5	42.0	42.0
1979	41.7	39.4	40.3	42.2	40.8	42.0	42.7	42.1	43.0	42.1	42.2	41.8	41.9
1980	41.5	39.5	39.7	40.7	40.9	41.7	41.9	41.5	42.0	42.3	42.4	42.0	42.7
1981	41.4	40.5	39.9	41.2	41.5	42.1	42.3	42.6	42.1	41.3	41.8	41.4	41.3
1982		39.1	39.6										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	4.9	2.8	3.7	4.2	4.5	5.2	5.4	5.6	5.8	5.6	5.2	5.2	4.7
1978	5.5	3.5	4.1	4.8	5.7	5.9	5.9	6.1	6.5	6.5	6.0	5.6	5.0
1979	5.0	3.9	4.1	4.9	4.2	5.7	5.6	5.5	6.2	5.6	5.2	4.6	4.4
1980	4.3	3.7	3.6	4.0	3.9	4.2	4.3	4.1	4.7	5.0	4.9	4.6	4.5
1981	4.4	3.8	3.6	4.1	4.3	4.6	4.8	4.8	4.7	4.2	4.7	4.5	4.1
1982		3.0	3.7										

SIC 3273—READY-MIXED CONCRETE

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	86.5	70.7	71.6	77.2	84.8	88.9	92.6	93.8	93.9	92.6	92.4	91.8	86.6
1978	92.8	78.4	79.6	82.0	90.9	96.7	100.1	100.4	100.6	99.6	98.8	97.3	92.1
1979	96.1	82.8	83.3	85.8	95.4	101.2	105.2	105.4	105.5	103.7	104.7	102.2	97.6
1980	94.4	88.5	86.3	88.5	92.9	97.9	99.2	99.5	99.1	98.1	97.2	95.9	89.9
1981	88.1	81.9	78.5	84.5	90.9	92.9	94.4	94.5	93.2	92.1	89.7	87.1	81.7
1982		69.6	69.1										

See footnotes at end of tables.

SIC 3273—READY-MIXED CONCRETE (Con.)

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	58.5	53.9	54.7	60.2	67.1	70.6	74.2	75.5	75.4	74.1	73.9	73.5	68.3
1978	73.9	60.3	58.5	63.6	72.2	77.5	81.0	81.2	81.3	80.6	79.7	78.1	73.2
1979	78.1	64.0	64.4	70.7	75.7	81.5	85.3	85.1	84.9	83.4	82.8	81.6	76.9
1980	74.4	68.0	66.3	68.3	72.9	77.7	79.0	79.2	79.1	78.2	77.6	76.5	70.4
1981	69.8	62.8	59.9	65.4	71.8	74.1	75.4	75.5	74.6	73.9	71.6	69.3	63.8
1982		52.0	51.5										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	271.57	218.04	235.73	246.84	270.86	277.64	281.84	283.16	286.89	286.28	293.04	277.86	265.52
1978	298.74	218.96	237.73	269.20	294.25	299.35	319.90	321.73	323.96	318.79	326.52	306.25	305.23
1979	321.10	255.53	271.98	300.77	301.29	329.00	340.05	334.28	342.90	345.88	341.67	332.98	323.70
1980	334.96	278.98	282.55	305.75	323.57	330.48	351.42	350.27	353.22	365.51	362.09	357.34	341.28
1981	360.08	321.04	305.15	338.04	357.54	367.69	373.27	381.20	383.88	374.80	372.24	366.56	356.51
1982		312.13	336.02										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	5.42	5.04	5.06	6.11	6.27	6.31	6.42	6.45	6.55	6.64	6.66	6.60	6.54
1978	6.98	6.44	6.46	6.68	6.78	6.85	7.00	7.04	7.12	7.18	7.24	7.24	7.25
1979	7.52	7.02	7.12	7.23	7.26	7.41	7.54	7.58	7.62	7.79	7.73	7.79	7.97
1980	8.23	7.54	7.72	7.95	7.95	8.10	8.23	8.32	8.41	8.54	8.56	8.59	8.64
1981	9.07	8.63	8.62	8.59	8.85	8.99	9.06	9.23	9.26	9.37	9.40	9.21	9.26
1982		9.43	9.36										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	42.3	36.1	38.9	40.4	43.2	44.0	43.9	43.9	43.8	43.1	44.0	42.1	40.6
1978	42.8	34.0	36.8	40.3	43.4	43.7	45.7	45.7	45.5	44.4	45.1	42.5	42.1
1979	42.7	36.4	38.2	41.6	41.5	44.4	45.1	44.1	45.0	44.4	44.2	42.6	42.1
1980	40.7	37.0	36.6	38.9	40.7	40.8	42.7	42.1	42.0	42.6	42.3	41.6	39.5
1981	39.7	37.2	35.4	38.9	40.4	40.9	41.2	41.3	41.5	40.0	39.5	39.8	38.5
1982		33.1	35.9										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	6.2	2.6	4.2	5.1	6.6	7.3	7.3	7.5	7.5	6.9	7.4	6.1	5.1
1978	6.6	2.9	3.8	5.4	6.9	7.0	8.3	8.1	7.9	7.1	7.7	6.0	5.4
1979	6.4	3.6	4.3	5.8	6.7	7.3	8.1	7.1	7.8	7.1	7.1	6.0	5.4
1980	5.1	3.5	3.5	4.4	4.7	5.0	5.9	5.6	5.6	5.8	5.2	5.2	4.5
1981	4.8	3.6	3.3	4.5	5.0	5.4	5.6	5.6	5.5	5.1	5.0	5.5	4.5
1982		2.4	3.7										

SIC 329—MISC. NONMETALLIC MINERAL PRODUCTS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	134.9	131.0	129.7	131.4	133.5	134.7	139.3	136.1	136.0	136.6	135.1	126.4	124.1
1978	143.1	136.3	137.6	140.1	141.1	142.1	144.3	145.3	143.7	144.5	145.4	146.5	147.4
1979	149.2	147.2	147.3	148.5	149.3	150.5	152.9	151.5	151.2	149.6	148.7	146.5	146.4
1980	136.6	144.5	144.2	143.6	141.8	136.0	133.5	132.7	132.2	132.4	131.6	133.0	133.6
1981	135.1	132.6	132.9	133.3	134.2	136.1	137.5	137.9	138.0	137.7	135.1	133.5	132.9
1982		128.6	126.5										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	27.5	25.7	25.9	26.2	26.8	27.4	28.4	28.0	28.0	28.1	28.3	28.6	28.7
1978	29.9	28.6	28.4	28.8	29.3	29.4	29.6	30.1	30.0	30.2	30.6	31.0	31.4
1979	32.4	31.2	31.8	32.1	32.4	32.6	33.4	33.0	33.0	32.7	32.3	32.4	32.4
1980	30.1	32.1	31.9	31.8	31.5	29.5	29.3	28.7	28.6	28.5	28.1	28.5	28.4
1981	31.1	30.0	30.3	30.4	30.9	31.1	31.6	31.7	31.8	31.7	31.6	31.7	30.5
1982		30.3	29.8										

SIC 329—MISC. NONMETALLIC MINERAL PRODUCTS (Con.)

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	101.3	96.9	95.8	97.7	100.1	101.3	105.5	102.0	101.9	102.5	101.4	104.5	105.8
1978	108.5	105.8	104.6	106.6	107.1	108.1	109.6	110.3	108.7	109.3	109.8	110.7	111.1
1979	111.0	110.1	110.2	110.8	111.2	110.5	114.5	113.1	112.6	111.8	110.4	108.8	108.0
1980	98.6	106.5	106.0	105.5	103.7	97.4	94.5	93.3	93.8	94.7	94.7	96.1	96.5
1981	96.3	95.9	96.3	96.4	96.5	97.9	99.3	99.1	99.3	99.1	96.3	94.2	93.1
1982		90.7	88.3										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	227.64	224.22	231.01	229.85	229.04	235.61	240.35	236.98	240.45	241.78	242.36	247.46	253.98
1978	254.17	245.55	248.65	254.33	257.65	261.64	266.27	262.92	266.70	268.81	272.00	276.64	283.62
1979	280.76	277.64	279.36	284.90	272.90	279.81	287.28	284.00	287.73	289.82	291.76	295.38	302.46
1980	302.81	295.36	299.52	300.35	295.39	298.41	299.63	296.06	299.25	303.81	308.10	317.48	324.52
1981	333.34	317.73	322.29	325.40	326.72	334.54	339.49	337.81	338.22	337.28	335.60	340.57	341.30
1982		326.48	338.70										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.74	5.55	5.66	5.56	5.60	5.65	5.75	5.78	5.78	5.84	5.84	5.92	5.99
1978	6.08	5.96	6.04	6.07	6.12	6.20	6.26	6.29	6.32	6.37	6.40	6.45	6.55
1979	6.62	6.58	6.67	6.62	6.65	6.71	6.84	6.86	6.90	6.95	6.98	7.04	7.10
1980	7.42	7.33	7.38	7.33	7.34	7.35	7.38	7.42	7.50	7.52	7.57	7.65	7.69
1981	8.15	7.93	7.98	7.96	7.93	8.12	8.22	8.30	8.31	8.39	8.39	8.43	8.49
1982		8.04	8.51										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	41.4	40.4	41.4	41.6	40.9	41.7	41.8	41.0	41.6	41.4	41.5	41.8	42.4
1978	42.0	41.0	41.2	41.9	42.1	42.2	42.4	41.8	42.2	42.2	42.5	43.2	43.3
1979	42.3	42.2	42.2	41.9	41.1	41.7	42.0	41.4	41.7	41.7	41.8	42.1	42.6
1980	41.0	42.4	41.6	41.6	40.8	40.6	40.6	39.9	39.9	40.2	40.7	41.5	42.0
1981	41.4	41.1	41.6	41.4	41.2	41.2	41.3	40.7	40.7	40.2	40.0	40.4	40.2
1982		39.5	39.8										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.9	3.3	3.6	3.7	3.5	3.9	4.1	4.1	4.1	4.0	3.9	3.9	4.3
1978	4.6	4.1	4.3	4.5	4.7	4.7	4.8	4.3	4.5	4.7	4.5	4.6	4.6
1979	4.3	4.0	4.0	4.6	4.6	3.6	4.2	4.3	4.2	4.3	4.3	4.2	4.1
1980	3.1	3.6	3.5	3.7	3.2	2.8	2.9	3.8	2.9	3.0	3.1	3.5	3.5
1981	3.4	3.3	3.5	3.4	3.3	3.4	3.6	3.6	3.6	3.2	3.0	3.0	2.6
1982		2.3	2.5										

SIC 3291—ABRASIVE PRODUCTS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	26.1	25.9	26.3	25.4	25.6	25.7	26.5	26.4	26.4	26.5	26.5	25.4	27.1
1978	28.0	27.4	27.4	27.6	27.2	27.6	27.7	28.2	28.6	28.2	28.6	28.8	29.2
1979	29.8	29.3	29.2	29.5	29.7	30.0	30.4	30.1	30.1	29.6	29.5	29.7	29.9
1980	29.6	30.0	30.2	30.2	30.1	29.6	29.1	28.2	27.4	26.9	26.6	27.1	27.4
1981	27.6	27.3	27.1	27.0	27.4	27.6	28.1	27.8	27.9	27.6	27.6	27.6	27.3
1982		26.8	26.5										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	18.1	18.0	17.6	17.7	17.9	18.0	18.6	18.4	18.6	18.7	18.5	18.4	19.0
1978	19.3	19.1	19.1	19.2	18.7	19.0	18.9	19.3	19.6	19.3	19.6	19.7	20.0
1979	20.4	20.0	20.0	20.1	20.1	20.5	20.8	20.8	20.8	20.5	20.3	20.3	20.5
1980	19.2	20.6	20.7	20.6	20.5	19.9	19.3	18.5	17.9	17.6	17.5	18.2	18.6
1981	18.6	18.5	18.1	18.5	18.6	18.6	19.1	18.8	18.9	18.7	18.5	18.4	18.0
1982		17.5	17.2										

SIC 3291—ABRASIVE PRODUCTS (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	226.00	211.58	222.08	218.12	211.58	223.11	223.44	224.01	227.93	230.20	229.31	239.78	246.40
1978	251.72	238.40	247.86	248.46	247.46	247.65	252.75	248.52	251.10	252.72	255.19	261.65	268.69
1979	270.25	264.62	267.35	270.63	256.61	266.02	271.42	268.13	264.80	272.28	271.08	275.81	292.16
1980	290.73	287.53	287.64	293.04	284.89	292.40	287.62	287.39	283.01	291.39	292.07	297.62	314.18
1981	318.33	300.85	304.30	310.50	314.36	321.36	320.33	321.99	320.00	322.79	325.60	328.84	331.29
1982		315.09	328.60										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.65	5.51	5.47	5.55	5.51	5.62	5.60	5.70	5.67	5.67	5.69	5.75	6.00
1978	6.20	5.99	6.09	6.06	6.11	6.13	6.21	6.26	6.20	6.24	6.27	6.32	6.49
1979	6.64	6.47	6.49	6.49	6.48	6.52	6.62	6.67	6.62	6.69	6.71	6.81	7.04
1980	7.25	7.03	7.05	7.13	7.14	7.31	7.30	7.35	7.37	7.29	7.32	7.39	7.41
1981	7.86	7.41	7.44	7.50	7.63	7.80	7.89	8.07	7.98	8.09	8.14	8.16	8.16
1982		8.27	8.34										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	40.0	38.4	40.6	39.3	38.4	39.7	39.9	39.3	40.2	40.6	40.3	41.7	41.4
1978	40.6	39.8	40.7	41.0	40.5	40.4	40.7	39.7	40.5	40.5	40.7	41.4	41.4
1979	40.7	40.9	41.2	41.7	39.6	40.8	41.0	40.2	40.0	40.7	40.4	40.5	41.5
1980	40.1	40.9	40.8	41.1	39.8	40.0	39.4	39.1	38.4	38.6	39.9	40.3	40.4
1981	40.5	40.6	40.9	41.4	41.2	41.2	40.6	39.9	40.1	39.9	40.0	40.2	40.5
1982		38.1	39.4										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.0	2.6	2.9	2.7	2.3	2.9	2.9	3.0	3.1	3.3	3.2	3.5	3.8
1978	3.5	3.4	4.1	3.7	3.4	3.2	3.3	3.2	3.3	3.5	3.6	3.5	3.8
1979	3.4	3.6	3.6	3.8	2.6	3.4	3.4	3.3	3.0	3.4	3.6	3.5	3.6
1980	2.8	3.6	3.4	3.6	3.1	2.8	2.3	2.2	2.1	1.8	2.5	2.8	3.4
1981	2.8	2.9	2.9	3.1	2.8	3.0	3.1	2.7	2.8	2.7	2.6	2.4	2.5
1982		1.6	1.7										

SIC 3292—ASBESTOS PRODUCTS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	21.6	21.3	21.3	21.3	21.5	21.7	22.1	22.2	21.7	21.8	21.8	21.7	21.3
1978	22.2	21.2	21.3	21.5	21.7	21.9	22.6	23.0	22.5	22.4	22.7	23.0	23.0
1979	21.7	23.1	22.8	22.4	22.4	22.6	22.7	21.9	21.4	21.2	20.5	19.6	19.4
1980	16.7	19.3	18.9	18.6	18.3	16.0	15.9	15.2	15.4	15.7	15.5	15.9	16.1
1981	15.9	16.0	16.0	16.0	15.9	16.1	16.1	15.9	15.9	16.0	15.7	15.5	15.5
1982		15.0	14.5										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	16.8	16.6	16.6	16.6	16.8	16.8	17.3	17.4	16.8	16.8	16.9	16.8	16.4
1978	17.2	16.4	16.5	16.6	16.7	16.9	17.5	17.8	17.3	17.3	17.7	17.8	18.0
1979	16.8	18.0	17.8	17.3	17.3	17.5	17.7	17.1	16.9	16.4	15.8	15.3	14.9
1980	12.8	14.9	14.6	14.3	14.0	11.9	11.8	11.5	11.7	12.2	12.0	12.3	12.5
1981	12.2	12.5	12.5	12.4	12.3	12.3	12.4	12.2	12.2	12.3	12.0	11.8	11.7
1982		11.3	10.8										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	263.95	247.23	256.49	258.13	265.43	262.48	267.41	262.84	269.33	270.07	259.95	271.06	276.95
1978	281.01	265.02	250.88	267.95	274.68	280.58	280.58	280.36	286.01	289.29	293.26	294.81	300.79
1979	290.79	293.23	284.43	289.39	265.59	284.56	296.95	291.75	293.99	296.73	300.24	298.03	300.24
1980	307.60	298.87	303.84	307.52	304.14	295.80	302.81	309.00	309.55	310.43	308.45	316.47	322.70
1981	337.00	322.26	325.21	327.95	327.98	348.19	354.05	348.14	351.37	326.24	342.26	330.33	336.87
1982		313.65	333.32										

See footnotes at end of tables

SIC 3292—ASBESTOS PRODUCTS (Con.)

SIC 3296—MINERAL WOOL

SIC 33—PRIMARY METAL INDUSTRIES

SIC 33—PRIMARY METAL INDUSTRIES (Con.)

SIC 331—BLAST FURNACE AND BASIC STEEL PRODUCTS

See footnotes at end of table.

SIC 331—BLAST FURNACE AND BASIC STEEL PRODUCTS (Con.)

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	432.6	419.9	414.4	428.7	437.6	444.5	451.5	449.4	441.3	434.8	426.9	420.1	421.9
1978	441.7	429.8	428.7	434.5	433.1	440.2	448.4	450.5	450.4	449.6	446.8	449.2	449.7
1979	451.3	450.3	449.7	453.1	457.3	458.0	465.9	463.6	460.8	451.5	441.2	434.2	429.8
1980	395.7	429.9	426.6	426.8	424.0	405.5	380.2	367.6	363.1	370.6	376.9	384.9	393.3
1981	390.8	395.1	396.0	397.7	403.9	402.8	404.8	401.0	397.0	394.4	376.6	364.3	356.4
1982		388.8	359.6										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	338.58	303.81	308.11	316.79	333.25	343.60	345.27	346.04	348.25	355.63	349.34	351.75	357.28
1978	369.49	269.04	379.22	376.98	375.65	379.55	384.14	390.60	397.03	409.34	399.92	410.06	407.68
1979	416.89	416.79	427.91	416.50	447.18	421.48	426.82	437.65	431.73	437.88	423.60	434.22	426.41
1980	448.77	433.60	446.31	441.50	446.11	431.64	427.12	434.33	440.04	455.91	458.25	461.60	485.96
1981	509.04	483.98	502.61	501.02	528.36	504.68	505.51	498.06	516.80	545.73	499.46	510.90	502.57
1982		506.80	519.55										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	8.36	7.77	7.64	7.90	8.03	8.26	8.36	8.44	8.62	8.70	8.59	8.75	8.80
1978	9.39	8.68	9.16	9.15	9.14	9.19	9.19	9.30	9.59	9.70	9.66	9.81	9.80
1979	10.41	9.90	10.14	10.06	10.26	10.23	10.25	10.47	10.66	10.68	10.55	10.91	10.85
1980	11.39	10.68	11.16	11.01	11.07	11.27	11.24	11.46	11.58	11.66	11.75	11.98	11.94
1981	13.00	11.95	12.81	12.22	12.55	12.40	12.39	12.39	12.92	13.15	12.64	13.10	13.02
1982		13.13	13.22										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	40.5	39.1	39.0	40.1	41.5	41.1	41.1	41.0	40.4	40.9	40.2	40.2	40.6
1978	41.5	41.1	41.4	41.2	41.1	41.3	41.8	42.0	41.4	42.2	41.4	41.6	41.6
1979	41.7	42.1	42.0	41.6	43.5	41.2	41.5	41.8	40.5	41.0	40.0	39.8	39.3
1980	39.4	40.0	40.0	40.1	40.3	38.3	38.0	37.9	38.0	39.1	39.0	40.2	40.7
1981	40.4	40.8	40.5	40.7	42.1	40.7	40.8	40.2	40.0	41.5	38.9	39.0	38.6
1982		38.6	39.1										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.8	2.5	2.6	2.6	3.1	3.0	3.1	3.2	2.8	3.0	2.4	2.4	2.8
1978	3.5	3.4	3.6	3.2	3.0	3.0	3.3	3.2	3.7	3.6	3.5	3.6	3.5
1979	3.3	3.6	3.6	3.3	3.7	3.7	3.4	3.6	3.4	3.5	2.9	2.6	2.5
1980	2.7	2.7	2.9	2.8	2.7	2.4	1.7	1.5	1.4	1.6	2.0	2.1	2.4
1981	2.7	2.7	3.0	2.9	3.2	2.9	3.0	2.6	2.9	3.3	2.2	1.9	1.6
1982		2.1	1.9										

SIC 3312—BLAST FURNACES AND STEEL MILLS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	468.6	456.1	450.7	465.4	475.2	482.0	489.6	487.6	479.6	471.5	463.1	456.4	456.7
1978	479.0	467.1	465.8	471.9	470.3	477.5	486.7	488.7	488.1	479.1	475.2	476.1	476.7
1979	478.7	478.0	476.9	478.1	482.5	483.6	492.2	490.8	489.9	479.6	469.4	464.1	459.1
1980	419.4	455.1	454.1	452.1	457.4	440.0	440.1	416.3	403.5	398.1	403.0	409.5	416.1
1981	409.9	410.1	425.5	426.9	430.1	431.6	434.7	430.8	427.1	421.7	404.6	394.4	390.9
1982		384.1	378.4										

ADMIN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	25.1	25.1	25.1	25.1	25.1	24.2	25.4	25.6	25.8	24.9	27.2	26.8	26.1
1978	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.5	31.4	31.6	30.8	31.0	31.1
1979	34.1	31.6	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
1980	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
1981	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
1982		32.0	32.0										

SIC 3312—BLAST FURNACES AND STEEL MILLS (Con.)

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	368.6	358.2	353.2	366.0	374.2	380.4	386.2	384.2	376.1	369.1	362.2	355.9	357.8
1978	373.8	364.9	363.5	358.3	365.5	372.4	379.1	382.8	382.2	381.1	377.9	379.2	378.9
1979	379.7	378.8	378.2	381.0	384.3	385.5	392.1	391.9	388.8	379.7	370.4	364.9	361.1
1980	332.1	360.7	359.4	359.2	356.5	341.8	318.4	308.8	303.3	309.0	316.1	322.9	330.0
1981	326.7	331.8	332.1	333.5	338.7	337.3	338.4	335.6	331.6	328.5	313.0	302.5	297.2
1982		291.6	282.9										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	346.16	309.26	313.56	323.60	342.37	351.74	353.05	355.47	357.38	365.06	357.50	359.00	365.52
1978	401.56	379.25	390.70	386.91	386.10	390.04	395.32	402.36	409.70	422.84	411.16	422.24	418.78
1979	442.65	431.10	442.05	430.15	468.34	433.76	438.84	452.28	444.51	451.95	434.72	448.27	438.01
1980	464.13	446.95	462.80	456.80	463.79	446.53	441.13	450.20	454.66	472.25	474.14	498.40	502.61
1981	525.71	499.72	522.76	519.43	549.63	520.76	521.24	514.00	535.16	570.75	516.85	526.30	518.37
1982		526.12	539.76										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	8.59	7.95	8.04	8.09	8.23	8.60	8.59	8.67	8.89	8.97	8.96	9.02	9.07
1978	9.70	9.25	9.46	9.46	9.44	9.49	9.48	9.58	9.90	10.02	9.98	10.15	10.14
1979	10.77	10.24	10.50	10.39	10.61	10.56	10.60	10.60	11.03	11.05	10.95	11.32	11.26
1980	11.64	11.23	11.57	11.47	11.46	11.72	11.67	11.91	12.06	12.14	12.22	12.46	12.41
1981	13.11	12.40	12.94	12.70	13.06	12.89	12.87	12.85	13.48	13.72	13.19	13.67	13.57
1982		13.63	13.77										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	40.3	39.9	39.0	40.0	41.6	40.9	41.1	41.0	40.2	40.7	39.9	39.6	40.3
1978	41.4	41.0	41.3	40.9	40.9	41.1	41.7	42.0	41.3	42.2	41.2	41.6	41.3
1979	42.1	42.1	42.1	41.4	44.1	42.0	41.4	41.8	40.3	40.9	39.7	39.6	38.9
1980	39.2	39.8	40.0	40.0	40.4	38.1	37.6	37.8	37.7	38.9	38.6	40.0	40.5
1981	40.1	40.3	40.4	40.9	42.1	40.4	40.5	40.0	39.7	41.6	38.6	38.5	38.2
1982		38.6	39.2										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	2.7	2.4	2.5	2.7	3.0	2.9	2.9	3.1	2.7	2.9	2.2	2.2	2.4
1978	2.4	2.4	2.5	2.1	2.4	2.0	2.2	2.3	2.6	2.6	2.5	2.4	2.3
1979	2.3	2.7	2.5	2.5	3.6	2.3	2.5	2.6	2.1	2.1	2.1	2.1	2.1
1980	2.0	2.3	2.6	2.6	2.4	1.6	1.3	1.3	1.0	1.4	1.9	1.9	2.4
1981	2.6	2.6	2.5	2.7	3.2	2.7	2.8	2.7	2.8	3.0	2.2	1.8	1.6
1982		2.2	1.9										

SIC 3317—STEEL PIPE AND TUBES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	29.7	28.9	29.0	29.5	29.4	29.8	30.2	30.3	30.4	29.8	29.2	29.2	29.3
1978	30.2	29.8	29.9	30.1	30.4	30.8	31.5	29.6	30.2	30.1	30.2	30.4	30.8
1979	31.5	31.0	31.1	31.5	31.6	31.4	31.8	31.8	31.4	31.6	31.5	31.5	31.5
1980	30.0	31.1	31.1	31.4	31.4	29.7	29.2	28.7	29.5	30.2	29.3	30.1	31.0
1981	31.7	30.9	31.1	31.6	31.6	32.0	32.5	32.3	32.7	32.7	31.7	30.4	30.0
1982		29.1	28.8										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	22.7	22.1	22.0	22.1	22.5	22.8	23.2	23.1	23.2	23.1	22.6	22.5	22.5
1978	23.5	23.1	23.1	23.1	23.5	23.6	23.6	23.5	23.4	23.4	23.4	23.1	23.4
1979	24.4	24.4	24.3	24.0	24.1	23.9	23.1	24.1	24.0	24.2	24.1	24.1	24.5
1980	23.2	23.4	24.1	24.5	24.7	23.1	22.6	22.3	23.0	23.5	24.6	22.4	22.4
1981	24.6	23.8	24.1	24.5	24.7	25.1	25.6	25.3	25.6	25.5	24.6	23.6	23.4
1982		22.1	21.7										

SIC 3317—STEEL PIPE AND TUBES (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	283.89	274.19	282.26	285.26	287.83	291.33	298.78	298.26	290.17	308.54	303.05	313.34	312.28
1978	326.04	309.11	317.03	319.18	324.00	327.95	334.50	338.10	333.78	329.98	325.01	328.08	335.64
1979	351.01	332.08	345.03	352.05	353.11	355.34	363.76	369.65	366.61	356.58	354.80	350.21	353.79
1980	361.86	352.88	362.62	359.67	359.63	367.65	382.18	373.03	379.05	373.97	398.96	404.07	405.95
1981	423.61	399.74	399.63	407.71	411.64	428.08	427.38	432.10	425.16	417.96	418.82	430.95	425.95
1982		417.98	409.15										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	7.05	6.77	6.93	6.90	6.90	6.92	6.98	7.03	7.06	7.28	7.25	7.39	7.40
1978	7.62	7.36	7.53	7.52	7.52	7.56	7.56	7.61	7.68	7.73	7.77	7.83	7.93
1979	8.33	8.05	8.13	8.26	8.21	8.27	8.29	8.39	8.55	8.57	8.69	8.65	8.65
1980	9.13	8.73	8.93	8.92	8.91	9.03	9.06	9.22	9.27	9.40	9.81	9.96	9.99
1981	10.36	9.79	9.91	9.96	10.04	10.12	10.09	10.09	10.03	10.01	10.24	10.46	10.44
1982		10.09	10.04										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	40.3	40.5	40.7	40.6	41.6	41.4	42.0	42.0	41.1	42.4	41.8	42.4	42.2
1978	42.8	43.2	42.9	42.9	43.1	43.2	43.9	44.4	43.4	42.6	41.9	42.1	42.3
1979	42.1	41.3	42.4	42.6	42.4	42.9	43.9	44.0	42.9	41.7	40.8	41.3	41.6
1980	39.6	40.4	40.6	40.3	40.3	40.4	42.2	40.5	40.9	39.9	39.9	40.7	40.6
1981	40.9	40.8	40.3	40.9	40.9	42.3	42.4	42.8	42.4	41.7	40.9	41.2	40.8
1982		40.3	40.1										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	4.1	4.2	4.2	4.2	4.6	4.4	4.8	4.8	4.4	4.6	4.4	4.7	4.6
1978	4.4	4.7	4.5	4.5	4.6	4.6	5.1	5.2	4.8	4.4	4.1	4.2	4.3
1979	4.1	3.9	4.2	4.3	4.2	4.4	4.9	5.0	4.6	4.1	3.8	4.0	4.1
1980	3.6	3.8	3.9	3.8	3.8	3.8	4.4	4.0	4.1	3.7	3.7	3.9	3.9
1981	3.9	3.9	3.8	3.9	3.9	4.2	4.3	4.4	4.2	4.0	3.8	3.9	3.8
1982		3.8	3.7										

SIC 332—IRON AND STEEL FOUNDRIES (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	278.14	258.73	263.43	266.39	265.27	273.14	279.97	276.55	276.81	284.08	290.43	294.68	308.62
1978	305.23	283.68	287.16	291.62	294.94	299.17	309.78	298.79	303.12	312.91	316.63	319.70	340.22
1979	318.16	320.95	323.11	327.18	302.61	316.93	323.79	312.76	307.09	317.83	319.66	312.76	333.06
1980	328.00	322.79	323.16	327.64	321.58	313.17	314.73	311.15	314.31	326.32	337.45	352.61	372.16
1981	355.39	361.56	350.40	356.73	346.21	357.40	365.48	357.63	354.68	347.54	354.49	356.71	358.15
1982		337.27	294.75										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	6.67	6.42	6.41	6.46	6.47	6.55	6.65	6.66	6.67	6.78	6.90	6.95	7.03
1978	7.25	6.97	6.97	7.01	7.09	7.14	7.26	7.26	7.20	7.38	7.45	7.54	7.66
1979	7.76	7.66	7.71	7.79	7.71	7.73	7.84	7.78	7.62	7.79	7.74	7.76	7.93
1980	8.20	7.88	7.94	8.05	8.08	8.03	8.07	8.04	8.08	8.27	8.50	8.69	8.66
1981	9.02	8.64	8.76	8.93	8.90	8.98	9.16	9.10	9.03	9.27	9.16	9.17	9.16
1982		9.18	9.01										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	41.7	40.3	41.0	41.3	41.0	41.7	42.1	41.4	41.5	41.9	42.1	42.4	43.9
1978	42.1	41.7	41.2	41.6	41.6	41.9	42.6	41.1	42.1	42.4	42.5	42.4	44.3
1979	41.0	41.9	41.4	42.0	39.3	41.0	41.3	40.2	40.3	40.8	41.3	40.2	42.0
1980	40.1	40.9	40.7	40.7	39.8	39.0	38.7	38.4	39.7	39.7	40.5	42.1	
1981	39.4	41.9	40.0	40.4	39.5	39.8	39.9	39.3	39.3	37.9	38.7	38.9	39.1
1982		39.1	38.7										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	4.5	4.5	4.5	4.3	4.4	4.6	4.6	4.6	4.6	5.0	5.2	5.3	5.4
1978	4.9	4.9	4.7	4.4	4.5	4.6	5.2	4.6	4.9	5.0	5.2	5.1	5.4
1979	3.9	4.4	4.4	4.7	3.3	4.1	4.3	3.4	3.6	3.7	3.7	3.3	3.6
1980	3.3	3.3	3.3	3.3	3.3	3.3	3.3	2.9	3.3	3.3	3.3	3.3	3.3
1981	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
1982		3.3	3.3										

SIC 332—IRON AND STEEL FOUNDRIES

SIC 3321—GRAY IRON FOUNDRIES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	154.1	151.1	151.8	152.8	153.4	154.1	154.7	154.7	154.1	154.7	155.1	155.1	155.6
1978	156.1	154.8	155.1	155.6	156.1	156.6	157.1	157.1	156.6	156.6	156.6	156.6	156.6
1979	156.6	156.6	156.6	156.6	156.6	156.6	156.6	156.6	156.6	156.6	156.6	156.6	156.6
1980	156.6	156.6	156.6	156.6	156.6	156.6	156.6	156.6	156.6	156.6	156.6	156.6	156.6
1981	156.6	156.6	156.6	156.6	156.6	156.6	156.6	156.6	156.6	156.6	156.6	156.6	156.6
1982		156.6	156.6										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	7.4	7.3	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
1978	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
1979	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
1980	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
1981	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
1982		7.4	7.4										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	124.3	121.5	122.3	123.1	123.6	124.3	124.8	124.8	124.3	124.8	125.1	125.1	125.6
1978	125.9	124.8	125.1	125.6	125.9	126.4	126.9	126.9	126.4	126.4	126.4	126.4	126.4
1979	126.4	126.4	126.4	126.4	126.4	126.4	126.4	126.4	126.4	126.4	126.4	126.4	126.4
1980	126.4	126.4	126.4	126.4	126.4	126.4	126.4	126.4	126.4	126.4	126.4	126.4	126.4
1981	126.4	126.4	126.4	126.4	126.4	126.4	126.4	126.4	126.4	126.4	126.4	126.4	126.4
1982		126.4	126.4										

SIC 3321—GRAY IRON FOUNDRIES (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Jan-Aug	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	269.89	266.79	272.10	276.30	275.15	282.91	293.26	288.54	288.06	296.65	302.18	306.59	327.49
1978	313.97	292.22	299.71	302.52	303.78	307.33	315.55	310.25	310.99	321.10	323.33	326.06	355.72
1979	333.74	330.91	339.47	335.58	339.28	323.93	328.00	318.80	306.11	318.41	313.13	305.76	334.85
1980	327.62	318.38	316.41	324.40	316.45	305.94	311.12	308.39	311.50	329.11	342.34	360.67	368.20
1981	360.63	364.42	353.33	363.60	350.78	361.03	377.20	366.62	355.41	389.68	357.50	362.39	361.14
1982		335.39	357.66										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Jan-Aug	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	6.99	6.92	6.98	6.91	6.93	6.72	6.92	6.87	6.81	6.98	7.11	7.18	7.31
1978	7.41	7.18	7.16	7.03	7.25	7.08	7.29	7.04	7.30	7.52	7.59	7.69	7.87
1979	7.90	7.88	7.92	7.99	7.91	7.92	8.00	7.97	7.73	7.99	7.77	7.80	8.03
1980	8.25	7.92	7.89	8.11	8.14	8.03	8.06	8.01	8.07	8.25	8.56	8.84	9.04
1981	9.05	9.03	8.92	9.00	9.11	9.21	9.41	9.33	9.16	9.30	9.31	9.38	9.26
1982		9.50	9.36										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Jan-Aug	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	41.2	40.3	41.2	41.8	41.5	42.1	43.0	42.0	42.3	42.5	42.5	42.7	44.6
1978	42.3	40.7	41.9	41.9	41.9	43.1	43.7	43.7	42.6	42.7	42.6	42.4	45.2
1979	42.2	42.1	42.9	42.0	42.9	40.9	41.0	40.0	39.6	39.9	40.3	39.2	41.7
1980	39.7	40.1	40.1	39.9	38.9	38.1	38.6	38.5	38.5	39.7	39.9	40.6	42.5
1981	41.1	41.4	39.7	40.4	38.5	39.2	40.0	39.3	38.8	37.6	38.4	38.6	39.0
1982		39.3	38.2										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Jan-Aug	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.6	3.2	3.7	4.0	4.7	5.0	5.2	5.6	5.5	5.7	5.9	6.0	6.6
1978	5.1	4.5	5.0	5.0	5.0	5.2	5.5	5.5	5.4	5.7	5.6	5.7	6.0
1979	5.1	5.1	5.4	4.4	4.4	3.6	4.0	4.0	3.1	3.0	3.0	2.4	3.1
1980	2.8	3.0	2.6	2.5	1.9	1.8	1.9	2.1	2.1	2.6	2.6	3.1	3.7
1981	3.7	3.8	3.2	3.4	2.6	2.9	3.2	2.8	2.5	2.1	2.5	2.5	2.6
1982		2.5	2.5										

SIC 3322—MALLEABLE IRON FOUNDRIES

ALL EMPLOYEES—IN THOUSANDS

Year	Jan-Aug	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	21.1	21.0	21.2	21.5	21.6	22.1	22.6	22.3	22.5	22.5	22.7	22.6	22.3
1978	21.7	21.6	21.8	22.0	22.1	22.3	22.4	22.4	22.5	22.6	22.6	22.6	22.4
1979	21.7	21.7	21.8	21.9	22.0	22.2	22.3	22.3	22.4	22.5	22.6	22.6	22.4
1980	21.7	21.7	21.8	21.9	22.0	22.2	22.3	22.3	22.4	22.5	22.6	22.6	22.4
1981	21.7	21.7	21.8	21.9	22.0	22.2	22.3	22.3	22.4	22.5	22.6	22.6	22.4
1982		21.7	21.8										

ADMIN EMPLOYEES—IN THOUSANDS

Year	Jan-Aug	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
1978	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
1979	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
1980	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
1981	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
1982		1.3	1.3										

PRODUCTION WORKERS—IN THOUSANDS

Year	Jan-Aug	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	19.8	19.7	19.9	20.2	20.2	20.8	21.3	21.0	21.2	21.2	21.4	21.3	21.0
1978	20.4	20.3	20.5	20.7	20.8	21.0	21.1	21.1	21.2	21.3	21.3	21.3	21.1
1979	20.4	20.4	20.5	20.6	20.7	20.9	21.0	21.0	21.1	21.2	21.3	21.3	21.1
1980	20.4	20.4	20.5	20.6	20.7	20.9	21.0	21.0	21.1	21.2	21.3	21.3	21.1
1981	20.4	20.4	20.5	20.6	20.7	20.9	21.0	21.0	21.1	21.2	21.3	21.3	21.1
1982		20.4	20.5										

SIC 3322—MALLEABLE IRON FOUNDRIES (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Jan-Aug	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	267.45	271.47	282.59	276.40	279.97	291.40	287.60	279.82	296.79	292.44	299.71	305.14	304.45
1978	314.24	300.11	300.58	297.54	300.17	303.69	303.79	301.08	309.20	317.24	311.64	335.37	354.01
1979	333.63	337.00	341.55	346.10	330.34	327.62	346.49	322.76	304.24	336.40	342.19	341.09	350.99
1980	348.54	361.66	336.88	340.56	336.40	325.84	331.74	330.85	335.29	344.20	359.26	367.99	368.50
1981	372.10	376.94	360.30	377.94	372.17	373.18	379.06	374.02	376.54	368.76	364.93	370.02	369.61
1982		353.07	385.57										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Jan-Aug	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	7.06	6.89	6.97	6.91	6.93	7.06	7.04	7.12	7.18	7.15	7.31	7.30	7.14
1978	7.74	7.41	7.44	7.42	7.43	7.48	7.48	7.32	7.73	7.67	8.03	8.14	8.31
1979	8.32	8.29	8.25	8.36	8.04	8.17	8.41	8.34	8.07	8.41	8.47	8.57	8.54
1980	8.66	8.67	8.54	8.71	8.67	8.62	8.67	8.67	8.67	9.13	9.43	9.46	9.21
1981	9.64	9.40	9.31	9.52	9.47	9.50	9.67	9.74	9.69	9.66	9.61	9.92	9.83
1982		9.89	10.12										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Jan-Aug	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	40.6	39.4	40.4	40.0	40.4	40.2	40.0	39.3	40.5	40.9	41.0	41.6	43.2
1978	40.6	40.5	40.4	40.1	40.4	40.6	41.3	39.0	40.0	40.3	41.3	41.2	42.6
1979	40.1	40.7	41.2	41.4	38.6	40.1	41.2	38.7	37.7	40.0	40.4	39.6	41.1
1980	38.8	40.6	39.4	39.1	38.9	37.8	37.8	37.3	37.6	37.7	38.1	38.9	41.3
1981	38.5	40.1	38.7	39.7	39.3	39.2	39.2	38.4	38.9	37.6	37.2	37.5	37.6
1982		35.7	38.1										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Jan-Aug	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	2.6	2.2	3.1	2.7	3.0	2.6	2.9	3.5	4.0	3.6	4.1	4.9	4.9
1978	4.2	4.1	4.2	3.3	3.6	4.0	4.5	3.2	3.5	4.3	5.1	5.1	4.0
1979	3.9	4.6	5.0	4.6	2.8	3.9	4.6	2.8	2.6	3.7	3.7	3.6	3.7
1980	2.4	3.6	2.9	2.6	2.5	2.0	2.3	1.7	1.7	2.7	2.5	2.6	2.6
1981	2.5	2.9	2.2	2.6	2.4	2.4	2.4	2.1	2.2	1.7	1.6	1.7	1.7
1982		1.5	2.3										

SIC 3325—STEEL FOUNDRIES, NEC

ALL EMPLOYEES—IN THOUSANDS

Year	Jan-Aug	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	519	514	523	520	524	524	525	527	533	534	534	534	534
1978	521	524	526	524	525	524	526	528	534	543	554	564	574
1979	568	565	563	561	568	567	565	561	564	564	567	567	563
1980	557	565	564	567	563	556	550	530	534	535	534	523	522
1981	522	519	524	522	522	521	517	507	517	522	505	494	465
1982		474	473										

ADMIN EMPLOYEES—IN THOUSANDS

Year	Jan-Aug	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	35	35	35	35	35	35	35	35	36	36	37	37	37
1978	37	37	37	37	37	37	37	37	37	37	37	37	37
1979	42	41	41	41	41	41	41	41	41	41	41	41	41
1980	41	41	41	41	41	41	41	41	41	41	41	41	41
1981	41	41	41	41	41	41	41	41	41	41	41	41	41
1982		41	41										

PRODUCTION WORKERS—IN THOUSANDS

Year	Jan-Aug	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	413	419	414	410	411	417	423	421	415	415	416	415	413
1978	412	421	414	421	422	422	423	426	426	444	445	457	464
1979	473	472	471	470	476	476	474	470	473	473	476	476	472
1980	466	474	473	476	472	465	461	444	447	448	447	437	437
1981	437	435	439	437	437	436	433	425	433	437	423	414	389
1982		397	396										

SIC 3325—STEEL FOUNDRIES, NEC (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	252.14	239.36	241.59	241.60	239.58	249.90	251.69	252.75	248.58	255.73	264.55	267.07	269.19
1978	269.91	261.74	266.25	272.24	276.97	280.22	282.92	275.40	268.42	297.22	300.48	305.73	306.74
1979	314.07	296.90	308.00	307.64	292.33	305.76	314.49	302.66	328.42	329.52	334.85	327.33	332.13
1980	330.06	331.00	338.77	334.17	332.55	327.23	319.98	315.51	329.16	324.37	328.28	338.62	349.43
1981	344.84	344.61	344.40	345.22	335.12	350.66	343.31	337.79	352.29	340.17	347.11	343.09	354.52
1982		343.52	358.09										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	6.20	5.91	5.98	6.01	6.05	6.11	6.23	6.21	6.23	6.33	6.39	6.42	6.44
1978	6.64	6.44	6.51	6.56	6.69	6.72	6.86	6.80	6.90	7.01	7.07	7.16	7.15
1979	7.46	7.10	7.23	7.29	7.29	7.35	7.47	7.40	7.51	7.64	7.68	7.72	7.76
1980	8.07	7.77	7.86	7.90	7.97	8.04	8.06	8.09	8.08	8.15	8.29	8.32	8.42
1981	8.59	8.39	8.42	8.43	8.42	8.47	8.54	8.52	8.72	8.79	8.81	8.73	8.93
1982		9.04	9.07										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	40.1	40.5	40.4	40.2	39.6	40.9	40.4	40.7	39.9	40.4	41.4	41.6	41.8
1978	41.4	40.7	40.9	41.5	41.4	41.7	41.7	40.5	41.8	42.4	42.5	42.7	42.9
1979	42.1	41.0	42.6	42.2	40.1	41.6	42.1	40.9	42.4	43.0	43.6	42.4	42.8
1980	40.9	42.6	43.2	42.3	41.6	40.7	39.7	39.0	39.5	39.8	39.6	40.7	41.5
1981	40.1	41.3	41.0	41.0	39.8	41.4	40.2	39.6	40.4	38.7	39.4	39.3	39.7
1982		38.0	39.9										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.1	3.9	4.7	4.2	3.5	4.2	4.2	3.6	3.7	4.1	4.2	4.2	4.7
1978	4.1	4.2	3.6	3.4	3.5	3.8	4.3	3.5	4.1	4.5	4.4	4.5	4.8
1979	4.4	4.1	4.6	4.6	3.0	4.5	4.6	4.0	4.5	5.0	5.0	4.3	4.6
1980	3.5	4.3	4.8	4.3	3.7	3.0	3.2	2.7	3.0	3.2	3.1	3.7	4.1
1981	3.6	4.1	4.0	4.0	3.7	4.2	3.8	3.5	4.1	3.6	3.9	3.8	4.2
1982		3.7	4.2										

SIC 333—PRIMARY NONFERROUS METALS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	656	673	667	661	655	645	661	565	613	679	674	665	650
1978	695	688	695	696	696	691	701	704	706	709	706	705	706
1979	716	707	715	715	710	717	721	716	719	717	717	715	715
1980	708	708	712	714	714	711	711	647	673	667	674	713	715
1981	668	677	681	681	679	677	677	615	651	650	660	674	668
1982		645	646										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	61	61	61	61	61	61	62	54	57	63	62	62	61
1978	64	63	63	63	63	63	64	64	64	64	64	64	64
1979	65	64	65	65	64	65	65	64	64	64	64	64	64
1980	63	63	63	63	63	63	63	57	59	58	59	63	63
1981	58	59	59	59	59	58	58	53	56	56	57	58	57
1982		55	55										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	514	529	523	517	511	502	517	441	481	533	529	521	508
1978	545	539	545	546	546	541	550	552	554	556	554	553	554
1979	562	555	561	561	557	563	566	562	564	563	563	561	561
1980	556	556	559	560	560	558	558	508	528	523	529	559	561
1981	524	531	534	534	533	531	531	483	511	510	518	529	524
1982		506	507										

SIC 333—PRIMARY NONFERROUS METALS (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	319.84	300.72	297.36	299.01	303.88	304.38	319.19	309.86	319.76	336.42	342.98	343.84	339.04
1978	359.52	345.26	346.93	346.51	346.94	348.61	362.94	368.07	364.59	363.54	370.66	374.76	376.74
1979	397.10	378.00	376.62	378.98	402.38	382.05	390.82	393.33	405.46	406.29	414.54	413.15	414.66
1980	444.33	430.51	416.83	429.06	434.05	435.54	448.33	441.19	447.12	447.66	462.42	469.79	474.23
1981	499.57	473.18	471.44	479.97	468.22	460.46	491.47	511.60	500.15	553.72	513.26	517.90	514.19
1982		515.26	506.92										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	7.67	7.16	7.20	7.24	7.34	7.37	7.71	7.80	7.78	8.01	8.07	8.12	8.15
1978	8.56	8.24	8.28	8.27	8.32	8.36	8.56	8.62	8.66	8.74	8.83	8.86	8.97
1979	9.50	9.00	9.01	9.11	9.49	9.14	9.44	9.57	9.70	9.79	9.87	9.86	9.90
1980	10.63	10.06	10.02	10.24	10.31	10.37	10.70	10.64	10.80	10.95	11.01	11.04	11.33
1981	11.98	11.32	11.36	11.51	11.64	11.69	11.90	12.23	12.10	12.70	12.44	12.44	12.45
1982		12.66	12.61										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	41.7	42.0	41.3	41.3	41.4	41.3	41.4	42.0	41.1	42.0	42.5	42.3	41.6
1978	42.0	41.9	41.9	41.9	41.7	41.7	42.4	42.7	42.0	41.6	42.0	42.1	42.0
1979	41.8	42.0	41.8	41.6	42.4	41.8	41.4	42.1	41.8	41.5	42.0	42.1	42.0
1980	41.6	41.6	41.6	41.8	41.9	42.1	42.0	41.9	42.7	41.4	40.6	42.0	42.4
1981	41.7	41.6	41.5	41.7	41.6	41.1	41.3	41.9	41.5	43.6	41.1	41.5	41.3
1982		40.7	41.2										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.5	3.5	3.4	3.2	3.5	3.3	3.5	4.0	3.3	3.7	3.7	3.6	3.7
1978	3.7	3.9	3.8	3.6	3.8	3.8	3.9	4.0	3.8	3.5	3.5	3.7	3.4
1979	4.0	3.7	3.6	3.8	4.6	3.7	4.0	4.1	4.2	3.9	4.0	4.1	4.0
1980	3.7	3.7	3.6	3.7	3.8	3.9	4.0	3.8	4.0	3.6	3.6	3.8	3.9
1981	3.8	3.8	3.7	3.8	3.8	3.6	3.8	4.0	3.8	4.1	3.6	3.8	3.8
1982		3.6	3.8										

SIC 3334—PRIMARY ALUMINUM

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	327	325	318	317	316	321	325	328	324	338	331	341	341
1978	352	337	339	344	348	349	355	358	358	358	358	361	363
1979	368	361	359	361	364	364	374	373	373	373	373	373	374
1980	381	364	373	373	373	373	373	373	373	373	373	373	373
1981	364	373	373	373	373	373	373	373	373	373	373	373	373
1982		373	373										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	14	13	13	13	13	14	14	14	14	14	14	14	14
1978	14	14	14	14	14	14	14	14	14	14	14	14	14
1979	14	14	14	14	14	14	14	14	14	14	14	14	14
1980	14	14	14	14	14	14	14	14	14	14	14	14	14
1981	14	14	14	14	14	14	14	14	14	14	14	14	14
1982		14	14										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	271	268	262	261	260	265	268	271	267	280	273	282	282
1978	291	278	280	284	288	288	293	296	296	296	296	298	300
1979	304	298	296	298	301	301	309	308	308	308	308	308	309
1980	315	301	308	308	308	308	308	308	308	308	308	308	308
1981	301	308	308	308	308	308	308	308	308	308	308	308	308
1982		308	308										

SIC 3334—PRIMARY ALUMINUM (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	340.70	329.32	332.46	339.30	338.94	339.71	344.85	352.76	349.02	364.00	366.96	365.44	362.64
1978	364.21	364.96	375.64	379.68	372.19	377.10	396.33	390.29	388.03	383.16	397.71	391.25	394.82
1979	425.52	395.92	394.34	402.68	426.47	401.02	415.95	409.66	427.38	423.05	432.43	419.99	431.73
1980	477.94	436.73	431.66	455.74	453.44	458.13	461.64	464.26	476.10	492.62	505.61	494.91	515.73
1981	510.40	499.20	497.67	508.25	511.70	525.42	522.34	542.41	536.26	603.37	544.07	537.95	538.60
1982		534.68	536.00										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	6.25	7.02	7.64	7.75	7.76	7.76	8.32	8.34	8.31	8.75	8.92	8.87	8.91
1978	8.77	8.91	8.97	8.99	8.99	9.00	9.26	9.14	9.13	9.30	9.39	9.36	9.55
1979	10.00	9.60	9.62	9.75	10.30	9.71	10.22	10.12	10.20	10.42	10.37	10.37	10.53
1980	11.60	10.96	10.58	10.93	10.90	10.96	11.55	11.53	11.50	11.65	11.65	11.64	12.25
1981	12.79	12.58	12.59	12.51	12.36	12.48	12.74	13.07	12.86	13.62	13.11	13.25	13.20
1982		13.41	13.40										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	41.1	40.7	40.9	41.2	41.1	41.2	41.4	42.3	42.0	41.6	41.7	41.2	40.7
1978	41.6	41.2	41.9	41.9	41.4	41.9	42.8	42.7	42.5	41.2	41.4	41.9	41.3
1979	42.5	41.2	41.0	41.3	41.4	41.3	40.7	40.5	41.9	40.6	41.7	40.5	41.0
1980	41.1	39.8	40.8	41.7	41.6	41.8	41.7	42.0	41.4	42.3	43.4	41.8	42.1
1981	41.4	41.6	41.3	42.1	41.4	41.3	41.0	41.5	41.7	44.3	41.5	40.6	40.5
1982		40.2	40.0										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.3	4.2	4.0	3.9	4.0	3.9	4.2	4.6	4.2	4.7	4.7	4.6	4.3
1978	4.1	4.2	4.5	4.3	4.4	4.0	4.7	4.3	4.2	3.9	3.9	3.9	3.5
1979	4.0	3.7	3.7	3.9	4.0	3.9	4.1	3.9	4.2	4.0	4.0	3.8	3.8
1980	3.9	3.6	3.6	3.9	3.9	3.9	4.0	3.9	3.9	3.9	3.9	3.9	3.9
1981	3.7	3.8	3.5	3.9	3.6	3.5	3.5	3.9	3.9	4.9	3.5	3.1	2.9
1982		3.1	3.0										

SIC 335—NONFERROUS ROLLING AND DRAWING

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	200.5	195.7	196.8	199.6	201.4	204.1	203.6	199.8	199.0	202.5	200.1	199.6	201.4
1978	208.1	201.4	199.3	202.5	207.0	210.4	212.1	206.3	203.1	213.6	215.2	216.1	216.4
1979	218.1	209.9	208.1	213.9	220.1	220.4	222.9	220.1	217.0	220.8	221.8	222.1	222.4
1980	224.9	218.1	218.5	223.5	218.0	218.0	208.9	194.1	204.5	207.3	206.4	208.1	204.4
1981	204.4	196.1	202.4	207.1	206.5	207.1	210.1	204.5	207.2	207.0	205.1	202.9	196.4
1982		183.1	180.1										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	37.0	36.7	36.3	37.1	37.6	38.4	38.5	37.6	36.8	37.3	37.5	36.1	36.6
1978	37.8	36.6	36.3	36.8	38.6	39.7	39.5	39.2	40.2	41.0	41.4	41.4	42.6
1979	41.0	40.1	40.5	41.3	41.7	41.9	41.7	41.4	41.6	42.0	41.8	41.7	42.0
1980	41.7	41.0	41.6	42.6	43.0	42.6	42.6	41.6	39.6	41.0	41.0	41.5	41.5
1981	41.0	41.2	41.6	42.1	42.0	41.9	42.0	42.0	39.9	41.0	41.0	41.5	41.5
1982		39.2	38.9										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	163.5	159.7	161.0	163.5	165.4	167.1	166.6	164.2	163.7	167.2	165.3	165.1	166.3
1978	172.3	165.7	164.4	168.1	171.7	174.8	175.4	170.5	168.1	176.8	178.4	179.2	179.4
1979	181.4	173.0	171.9	176.8	182.8	183.0	185.4	184.8	153.8	156.5	157.6	156.7	160.0
1980	159.8	154.9	154.8	158.2	162.3	162.5	164.1	160.0	159.3	162.4	163.0	163.5	162.1
1981	159.8	154.9	159.3	163.1	163.0	163.1	166.0	159.4	163.9	167.1	167.0	166.7	163.4
1982	147.4	132.3	130.2	149.6	148.2	150.4	144.9	147.9	148.5	147.3	145.4	142.3	140.1
1983		134.7	135.1										

See footnotes at end of table.

SIC 335—NONFERROUS ROLLING AND DRAWING (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	284.14	266.02	275.20	279.93	279.91	283.85	285.98	279.05	282.74	293.01	291.55	295.91	295.27
1978	309.44	288.96	293.58	296.60	301.43	304.72	307.59	305.29	311.16	320.54	321.21	328.74	332.78
1979	339.58	329.51	325.04	335.58	338.65	331.78	332.71	333.25	335.38	348.73	346.38	355.14	362.65
1980	366.50	354.86	350.70	356.17	356.15	350.58	354.68	357.86	363.45	378.67	383.05	395.86	411.24
1981	404.75	403.49	394.99	397.95	403.58	406.73	410.31	401.86	406.16	411.58	406.13	404.66	408.36
1982		399.47	403.27										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	6.67	6.81	6.86	6.91	6.94	6.97	6.92	6.96	6.98	7.01	6.99	6.93	6.93
1978	7.23	6.92	6.99	6.93	7.01	7.07	7.17	7.20	7.27	7.42	7.47	7.54	7.65
1979	7.90	7.61	7.63	7.75	7.81	7.77	7.81	7.88	7.91	8.11	8.15	8.24	8.38
1980	8.61	8.33	8.27	8.46	8.50	8.53	8.54	8.67	8.83	9.05	9.23	9.36	9.52
1981	9.66	9.41	9.36	9.43	9.54	9.57	9.70	9.66	9.78	9.87	9.81	9.89	9.96
1982		9.96	9.96										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	42.6	42.5	42.6	43.0	42.8	42.9	43.2	42.9	42.9	42.2	42.9	42.5	42.7	42.6
1978	42.8	43.7	43.0	42.8	43.0	43.1	42.9	42.4	42.8	43.2	43.0	43.6	43.5
1979	42.7	43.3	42.6	43.3	43.5	42.7	42.9	42.4	42.4	43.0	43.5	43.1	43.3
1980	42.6	42.6	41.9	42.1	41.9	41.1	40.6	40.3	40.7	41.4	41.5	42.4	43.0
1981	41.9	41.9	42.2	42.3	42.3	42.1	42.5	41.5	41.6	41.7	41.7	41.8	42.3	41.0
1982		39.5	40.9										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.9	4.2	4.6	4.9	5.0	5.1	5.1	4.7	4.7	5.2	5.0	5.2	5.1
1978	5.4	4.9	5.3	4.6	5.1	5.2	5.4	5.3	5.4	5.7	5.6	5.7	5.8
1979	5.2	5.6	5.2	5.6	6.2	5.2	5.3	5.1	5.0	5.4	5.7	5.5	5.5
1980	5.1	5.4	4.7	4.6	4.2	3.5	3.0	3.0	3.5	3.8	4.0	4.7	5.2
1981	4.3	5.0	4.5	4.4	4.5	4.6	4.7	4.3	4.5	4.4	3.9	3.5	3.4
1982		3.4	4.3										

SIC 3351—COPPER ROLLING AND DRAWING

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	32.3	31.2	31.3	31.9	32.0	32.8	33.1	31.9	32.7	32.9	29.2	28.2	28.3
1978	32.3	29.2	29.6	29.1	30.1	33.6	34.0	32.7	33.6	33.5	33.3	34.3	33.5
1979	34.7	33.4	34.2	34.1	34.9	35.5	35.8	35.1	34.7	34.6	34.7	34.6	34.5
1980	33.9	34.1	34.1	34.1	33.6	32.7	30.3	28.2	28.6	29.3	29.1	28.9	29.2
1981	29.3	29.1	29.6	29.2	29.4	30.4	30.1	29.8	30.2	29.1	27.4	26.9	27.3
1982		25.8	26.5										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	12.0	11.1	11.3	11.3	11.3	11.4	11.5	11.4	11.3	11.3	11.0	10.9	11.0
1978	11.5	11.1	11.0	11.2	11.4	11.5	11.6	11.8	11.7	11.7	11.6	11.7	11.7
1979	11.9	11.9	11.9	11.8	11.6	11.6	11.6	11.5	11.5	11.6	11.6	11.7	11.7
1980	11.4	11.7	11.7	11.7	11.7	11.5	11.3	11.2	11.2	11.2	11.2	11.2	11.2
1981	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2
1982		11.2	11.2										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	24.1	23.6	24.0	24.5	24.7	25.4	25.3	24.2	25.0	25.4	22.4	21.4	21.5
1978	24.8	22.5	21.9	20.2	25.0	26.2	26.7	25.3	26.0	26.1	26.1	26.7	26.7
1979	27.2	26.8	27.3	27.3	27.8	27.6	28.3	27.1	27.0	26.9	26.3	26.9	26.5
1980	23.1	26.0	26.0	26.2	25.6	22.8	22.5	20.7	20.8	21.4	21.5	21.7	21.7
1981	21.9	21.7	22.4	21.9	22.9	20.9	22.6	20.3	20.2	22.7	21.8	21.4	20.6
1982		20.0	19.8										

SIC 3351—COPPER ROLLING AND DRAWING (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	270.19	254.61	266.64	270.62	276.62	277.69	280.04	264.60	276.64	279.50	274.13	284.79	277.76
1978	296.04	274.10	285.29	287.76	292.15	295.41	300.13	290.74	300.91	304.10	300.40	303.02	306.64
1979	311.75	312.13	314.16	312.40	279.79	309.60	315.33	302.84	314.03	314.36	322.59	324.66	313.27
1980	336.30	313.40	316.58	316.30	317.83	303.08	294.79	293.86	302.94	323.34	325.84	343.35	360.89
1981	358.79	366.31	364.54	368.49	367.81	368.93	366.37	359.66	367.45	352.73	351.88	344.02	349.25
1982		335.44	345.66										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	5.33	5.21	5.23	5.25	5.33	5.34	5.35	5.30	5.41	5.47	5.39	5.23	5.40
1978	5.79	5.48	5.65	5.64	5.67	5.76	5.82	5.72	5.87	5.88	5.89	5.95	6.01
1979	6.24	6.11	6.14	6.10	5.63	6.03	6.15	5.92	6.12	6.13	6.29	6.36	6.22
1980	6.71	6.50	6.61	6.64	6.63	6.32	6.16	6.06	6.25	6.68	6.73	7.06	7.44
1981	7.51	7.63	7.62	7.71	7.69	7.70	7.66	7.52	7.68	7.37	7.35	7.20	7.30
1982	8.49	8.34	8.44	8.27	8.36	8.54	8.58	8.57	8.61	8.52	8.50	8.53	8.56

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	43.0	41.0	42.6	43.5	44.0	43.6	44.0	43.0	43.5	43.1	43.9	43.7	43.4
1978	43.6	42.3	42.9	44.0	43.6	43.7	44.0	43.7	43.6	44.0	43.6	43.6	43.8
1979	43.0	43.9	44.0	44.0	39.8	43.3	43.6	42.0	42.9	42.7	43.3	43.3	43.1
1980	41.9	41.8	41.9	41.4	41.0	39.8	36.4	39.4	39.5	41.8	41.3	41.6	41.8
1981	42.3	43.7	43.0	42.2	42.6	43.0	42.7	41.9	42.7	41.4	41.3	40.8	41.0
1982		39.1	40.1										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	4.9	4.0	5.2	5.2	5.8	5.2	5.5	4.5	4.9	5.1	4.7	5.2	5.0
1978	5.4	4.3	5.2	5.3	5.4	5.4	5.6	5.1	5.4	5.5	5.4	5.4	5.6
1979	5.2	5.4	5.4	5.3	4.6	5.2	5.4	4.8	5.2	5.2	5.4	5.4	5.3
1980	5.1	4.9	5.1	5.0	5.0	4.7	4.4	4.8	4.9	5.2	5.1	5.2	5.3
1981	5.1	5.3	5.2	5.1	5.2	5.2	5.1	4.9	5.2	4.9	4.9	4.8	4.9
1982		4.6	4.9										

SIC 3353—ALUMINUM SHEET, PLATE, AND FOIL

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	31.9	31.8	31.8	32.0	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
1978	34.2	32.0	32.7	33.6	33.9	34.3	34.9	35.1	35.4	35.6	35.6	35.6	35.6
1979	36.6	36.7	36.8	36.8	33.9	34.9	34.9	34.6	34.6	34.6	34.6	34.6	34.6
1980	34.7	34.5	34.4	34.6	34.5	34.7	34.6	34.6	34.6	34.6	34.6	34.6	34.6
1981	34.4	34.5	34.4	35.0	35.0	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
1982		32.4	32.3										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
1978	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
1979	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
1980	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
1981	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
1982		3.9	3.9										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	27.8	27.7	27.7	27.9	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
1978	30.1	27.9	28.6	29.5	29.8	30.2	30.8	31.0	31.3	31.5	31.5	31.5	31.5
1979	32.5	32.6	32.7	32.7	29.8	30.8	30.8	30.5	30.5	30.5	30.5	30.5	30.5
1980	30.6	30.4	30.3	30.5	30.4	30.6	30.5	30.5	30.5	30.5	30.5	30.5	30.5
1981	30.3	30.4	30.3	30.9	30.9	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0
1982		28.5	28.4										

SIC 3353—ALUMINUM SHEET, PLATE, AND FOIL (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	167.12	158.32	334.38	329.12	325.28	335.18	336.34	336.94	330.68	344.43	344.29	358.09	363.10
1978	376.68	354.38	357.41	363.35	361.12	373.85	372.66	369.67	372.70	388.37	391.19	401.65	404.05
1979	412.15	391.78	396.89	417.63	431.96	417.53	408.11	404.92	406.01	419.61	399.51	414.07	436.56
1980	460.27	425.57	425.15	436.65	443.93	443.31	445.10	454.33	463.27	483.51	480.66	497.52	524.78
1981	521.52	501.56	497.64	509.12	523.15	514.11	535.62	527.88	522.50	540.58	527.07	536.46	524.07
1982		517.30	546.11										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	7.64	7.42	7.44	7.49	7.50	7.67	7.64	8.02	7.92	8.01	8.12	8.27	8.29
1978	8.75	8.29	8.39	8.45	8.34	8.42	8.81	8.76	8.78	8.99	9.14	9.17	9.31
1979	9.53	9.09	9.23	9.47	9.03	9.71	9.58	9.55	9.69	9.85	9.65	9.72	10.06
1980	10.68	9.92	9.98	10.25	10.47	10.53	10.99	11.33	11.19	11.35	11.39	11.49	11.74
1981	12.30	11.53	11.60	11.84	12.11	12.04	12.49	12.45	12.56	12.81	12.67	12.70	12.44
1982		12.71	12.88										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	43.0	42.9	43.6	44.0	42.6	43.7	42.9	41.9	41.7	43.0	42.4	43.3	43.8
1978	43.0	42.8	42.6	43.0	43.3	44.4	42.3	42.2	42.4	43.2	42.8	43.6	43.8
1979	42.6	43.1	43.0	44.1	43.5	43.0	42.6	42.4	41.9	42.6	41.4	43.6	43.6
1980	42.3	42.9	42.6	42.6	42.4	42.1	42.6	42.4	41.1	41.4	42.6	43.3	44.7
1981	42.8	43.5	42.9	43.0	43.7	42.9	43.0	43.7	42.9	42.4	41.6	42.2	41.6	42.4	40.5
1982		43.7	42.4										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	5.6	4.5	4.8	5.8	5.8	6.0	5.6	6.0	5.5	6.3	6.1	7.5	7.2
1978	6.1	5.4	6.5	6.8	6.9	7.2	6.4	5.8	6.8	7.3	7.1	7.5	7.5
1979	6.7	6.4	6.6	6.8	6.9	6.3	6.8	6.7	6.3	6.6	6.0	6.3	6.5
1980	6.2	6.4	6.5	6.6	6.4	6.4	6.8	6.4	5.6	5.8	6.6	6.9	7.7
1981	6.8	6.9	6.8	6.9	7.0	6.8	6.9	7.0	6.8	6.5	6.3	6.5	6.3
1982		6.7	6.4										

SIC 3357—NONFERROUS WIRE DRAWING AND INSULATING

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	63.5	64.0	64.2	61.2	60.9	60.6	63.0	61.5	64.7				
1978	63.6	64.1	64.1	62.2	63.2	65.3	66.2	66.8	68.1				
1979	69.5	69.4	69.8	68.1	66.9	69.3	70.7	71.2	69.8				
1980	70.1	68.0	66.4	62.6	65.3	67.3	66.5	67.7	67.7				
1981	68.9	68.3	68.1	65.3	66.7	68.3	67.6	67.3	66.5				
1982													

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	24.0	24.1	24.0	23.0	22.6	22.6	22.9	23.0	23.6				
1978	23.7	23.6	23.1	22.8	23.4	24.1	24.4	24.6	25.3				
1979	25.5	25.6	25.4	24.7	23.7	24.9	26.2	26.1	25.7				
1980	25.8	25.8	25.6	23.5	24.3	25.4	25.6	26.0	26.1				
1981	24.6	24.5	24.1	23.6	23.0	23.4	23.6	23.5	23.5				
1982													

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	49.7	49.9	50.0	47.4	46.8	46.6	48.7	47.4	50.1				
1978	49.0	49.4	49.2	47.5	48.6	50.2	51.0	51.4	52.4				
1979	53.4	53.3	53.5	52.2	51.4	53.2	54.3	54.6	53.5				
1980	53.8	53.1	52.0	48.1	50.1	51.7	51.1	52.0	52.0				
1981	52.9	52.4	52.1	50.2	51.2	52.4	51.9	51.7	51.0				
1982													

SIC 3357—NONFERROUS WIRE DRAWING AND INSULATING (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS - IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	169.02	157.91	167.95	171.78	168.39	168.82	173.91	163.72	161.43	173.42	175.70	179.97	169.21
1978	187.14	164.17	165.68	179.40	176.54	179.30	183.16	180.56	190.60	200.08	199.14	209.60	215.23
1979	211.8	192.76	203.29	212.31	186.31	206.71	206.50	203.88	203.36	217.25	221.64	232.13	228.34
1980	241.12	225.84	234.48	234.22	229.08	228.57	226.26	228.05	232.11	246.08	261.42	273.09	280.03
1981	273.44	277.95	263.21	266.56	266.17	271.30	268.25	263.25	268.87	282.55	276.41	278.61	279.35
1982		281.85	275.24										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS - IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.81	5.63	5.75	6.25	6.00	6.14	6.37	6.37	6.33	6.52	6.58	6.65	6.55
1978	6.60	6.58	6.60	6.62	6.64	6.65	6.71	6.80	6.87	7.03	7.06	7.15	7.23
1979	7.30	7.19	7.21	7.29	7.14	7.22	7.28	7.34	7.34	7.44	7.64	7.76	7.85
1980	8.09	7.96	7.98	7.99	7.88	7.99	7.98	8.02	8.14	8.40	8.73	8.82	8.90
1981	9.01	8.95	8.92	8.91	8.79	8.90	8.93	8.88	8.93	9.13	9.07	9.15	9.23
1982		9.33	9.22										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	41.7	41.4	42.1	42.1	42.4	42.4	42.4	42.0	41.4	41.3	42.3	41.9	42.1	41.1
1978	42.1	41.7	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.3	42.4	41.3	42.6
1979	42.1	41.8	42.1	41.8	42.6	42.1	41.9	41.7	41.8	41.9	42.1	42.1	41.6	42.1
1980	42.1	41.8	42.1	42.1	42.1	42.1	41.9	42.0	42.0	42.1	42.1	42.1	41.8	42.1
1981	42.1	41.8	42.1	42.1	42.1	42.1	42.1	41.9	42.1	42.1	42.1	42.1	41.8	42.1
1982		41.8	42.1										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
1978	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
1979	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
1980	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
1981	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
1982		4.1	4.1										

SIC 336—NONFERROUS FOUNDRIES (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS - IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	236.97	218.65	228.53	228.85	229.75	236.59	238.71	231.49	237.38	241.60	245.79	248.71	257.30
1978	255.64	241.21	246.02	241.59	247.86	251.78	255.45	253.37	254.41	260.40	264.55	265.62	277.91
1979	271.35	270.10	268.86	270.44	257.15	270.54	271.50	265.59	263.46	272.63	276.73	277.67	284.95
1980	291.27	279.59	291.14	285.73	286.14	280.42	282.83	277.40	288.85	296.88	304.36	306.30	323.29
1981	329.20	311.90	308.88	315.93	312.83	323.57	321.54	315.20	317.40	326.37	329.42	329.03	333.74
1982		332.16	327.92										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS - IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.71	5.48	5.52	5.54	5.55	5.66	5.67	5.66	5.70	5.78	5.88	5.95	6.04
1978	6.03	6.02	6.03	5.98	6.08	6.17	6.18	6.21	6.23	6.31	6.39	6.39	6.57
1979	6.70	6.54	6.51	6.56	6.56	6.68	6.72	6.69	6.63	6.71	6.85	6.88	6.95
1980	7.30	6.93	6.98	7.09	7.13	7.16	7.23	7.30	7.35	7.44	7.59	7.65	7.79
1981	7.96	7.74	7.80	7.82	7.80	7.95	7.91	8.00	7.96	8.05	8.13	8.16	8.24
1982		8.29	8.29										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	41.5	39.9	41.4	41.3	41.1	41.8	41.9	40.9	41.5	41.8	41.8	41.8	41.6
1978	42.3	40.4	40.8	40.4	40.7	40.8	41.4	40.8	41.1	41.3	41.4	41.6	42.3
1979	40.6	41.7	41.3	41.1	39.1	40.5	40.7	39.7	39.7	40.7	40.4	40.4	41.0
1980	39.9	40.2	40.6	40.1	39.6	39.2	39.1	38.0	39.3	39.9	40.1	40.1	41.5
1981	41.4	40.1	39.6	40.4	39.8	40.7	40.5	39.4	39.9	40.5	40.5	40.4	40.4
1982		40.1	39.7										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.5	3.1	3.5	3.4	3.3	3.8	3.9	3.1	3.7	3.9	3.9	3.9	3.8
1978	4.4	3.6	3.8	3.6	3.8	3.9	4.5	3.9	4.2	4.4	4.5	4.7	5.4
1979	3.7	4.8	4.4	4.2	3.2	3.6	3.8	2.8	2.8	3.8	3.5	3.5	4.1
1980	3.0	3.3	3.7	3.2	2.7	2.3	2.2	1.1	2.4	3.0	3.2	3.2	4.6
1981	4.5	3.2	2.7	3.5	2.9	3.8	3.6	2.5	3.0	3.6	3.6	3.5	3.5
1982		3.2	2.8										

SIC 336—NONFERROUS FOUNDRIES

ALL EMPLOYEES - IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	82.1	80.2	80.7	81.1	81.7	82.1	83.4	83.3	82.6	82.5	82.3	82.4	82.4	82.4
1978	83.2	82.1	82.3	82.5	82.8	83.1	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8
1979	84.1	83.2	83.4	83.6	83.8	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
1980	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
1981	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
1982		84.4	84.4										

WOMEN EMPLOYEES - IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	11.1	10.8	10.9	11.0	11.1	11.1	11.3	11.3	11.2	11.2	11.2	11.2	11.2	11.2
1978	11.3	11.2	11.2	11.2	11.2	11.3	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4
1979	11.4	11.3	11.3	11.3	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4
1980	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4
1981	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4
1982		11.4	11.4										

PRODUCTION WORKERS - IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	71.0	69.4	69.8	70.1	70.6	71.0	72.1	72.0	71.4	71.3	71.1	71.2	71.2	71.2
1978	71.9	70.9	71.1	71.3	71.6	71.8	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4
1979	72.7	71.9	72.1	72.3	72.4	72.7	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
1980	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
1981	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
1982		73.0	73.0										

SIC 3361—ALUMINUM FOUNDRIES

ALL EMPLOYEES - IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	45.5	43.7	44.2	44.7	45.1	45.4	45.1	45.3	45.1	45.7	45.8	45.9	45.9	45.9
1978	46.1	45.4	45.6	45.8	46.0	46.2	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
1979	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
1980	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
1981	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
1982		46.4	46.4										

WOMEN EMPLOYEES - IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	6.1	5.9	6.0	6.0	6.1	6.1	6.1	6.1	6.1	6.2	6.2	6.2	6.2	6.2
1978	6.2	6.1	6.1	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
1979	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
1980	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
1981	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
1982		6.2	6.2										

PRODUCTION WORKERS - IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	37.5	36.1	36.5	36.9	37.3	37.6	37.3	37.5	37.3	37.9	38.0	38.1	38.1	38.1
1978	38.3	37.6	37.8	38.0	38.2	38.4	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
1979	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
1980	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
1981	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
1982		38.6	38.6										

SIC 3361—ALUMINUM FOUNDRIES (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	184.76	174.00	175.04	175.31	175.48	185.14	185.76	194.88	183.78	184.72	192.47	194.46	197.07
1978	194.89	183.45	193.94	189.05	194.79	196.80	194.96	196.18	198.33	211.63	215.06	217.72	193.66
1979	192.87	184.54	190.44	192.89	198.52	196.79	195.21	179.74	174.85	180.28	184.97	184.94	194.06
1980	199.55	190.51	187.85	194.84	196.00	198.75	199.28	201.94	195.89	195.92	196.33	195.72	196.88
1981	177.63	174.75	176.90	175.14	173.70	182.11	179.67	183.53	183.79	183.76	185.80	186.91	184.82
1982		177.90	186.31										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.61	5.63	5.65	5.67	5.70	5.81	5.81	5.88	5.90	5.98	6.08	6.18	6.24
1978	6.04	6.21	6.20	6.18	6.28	6.29	6.40	6.43	6.42	6.63	6.66	6.66	6.91
1979	6.85	6.68	6.80	6.89	6.85	6.97	7.01	6.99	6.91	6.95	7.03	7.04	7.12
1980	7.47	7.07	7.39	7.26	7.40	7.31	7.38	7.40	7.51	7.62	7.63	7.68	7.83
1981	8.15	7.94	7.97	7.99	8.08	8.14	8.14	8.17	8.22	8.23	8.32	8.36	8.38
1982		8.50	8.45										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	41.7	40.5	41.6	41.5	41.6	42.2	42.3	40.9	41.6	41.9	41.6	42.1	41.6
1978	41.0	40.5	40.7	40.3	40.7	40.5	41.4	40.8	41.0	41.3	41.7	41.5	41.3
1979	40.7	41.6	41.3	41.0	39.2	40.5	40.7	40.0	40.1	40.3	40.7	40.9	41.3
1980	41.1	40.1	40.6	40.5	40.0	39.5	39.8	39.1	39.8	41.2	40.4	41.7	41.9
1981	40.7	40.3	40.6	40.7	40.6	40.6	40.5	39.8	39.1	39.8	39.7	40.3	41.1
1982		37.8	39.6										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.6	3.3	3.4	3.3	3.4	4.1	4.0	3.6	3.8	3.9	3.8	4.0	4.4
1978	3.9	4.1	3.9	3.5	3.6	3.4	3.6	3.4	3.7	4.0	4.0	4.1	5.0
1979	3.5	4.5	4.2	4.4	2.5	3.6	3.5	3.0	3.1	3.2	3.4	3.3	3.4
1980	2.3	3.4	3.2	3.2	2.9	2.3	2.1	2.1	3.0	3.1	3.1	3.4	3.7
1981	3.7	3.3	2.6	3.0	3.7	2.8	2.9	2.4	2.5	2.4	2.6	2.5	2.7
1982		2.1	2.1										

SIC 34—FABRICATED METAL PRODUCTS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	1,562.8	1,531.5	1,529.6	1,563.1	1,589.4	1,596.1	1,593.7	1,578.4	1,598.7	1,613.7	1,626.2	1,636.0	1,635.4
1978	1,677.6	1,627.8	1,634.6	1,643.9	1,654.5	1,666.5	1,678.3	1,655.1	1,671.0	1,696.0	1,709.9	1,715.5	1,701.5
1979	1,713.7	1,713.5	1,713.4	1,717.7	1,719.4	1,722.3	1,741.9	1,704.9	1,704.0	1,721.9	1,722.7	1,720.3	1,710.7
1980	1,611.1	1,661.7	1,662.1	1,664.7	1,651.6	1,602.4	1,582.4	1,525.5	1,557.6	1,585.1	1,596.0	1,605.6	1,604.7
1981	1,592.4	1,588.3	1,588.0	1,596.3	1,603.3	1,605.6	1,616.6	1,593.6	1,599.9	1,615.8	1,591.8	1,570.4	1,539.3
1982		1,506.7	1,500.1										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	315.9	300.3	299.8	304.5	308.7	312.9	317.7	313.1	319.1	325.0	328.6	330.4	330.5
1978	342.0	329.1	330.4	333.3	338.2	341.9	346.2	337.3	341.2	347.2	352.2	354.5	355.0
1979	356.2	352.7	353.1	355.1	357.6	359.6	363.9	355.6	356.1	359.5	362.3	362.5	359.8
1980	336.0	355.9	353.3	354.3	346.9	331.0	323.5	312.9	320.3	328.5	333.4	336.1	335.5
1981	335.4	331.9	332.3	335.3	339.1	340.4	343.3	337.6	338.0	342.6	337.2	330.1	322.0
1982		316.4	313.5										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	1,196.2	1,154.6	1,147.1	1,164.1	1,170.8	1,187.2	1,209.1	1,191.9	1,210.6	1,225.3	1,235.6	1,240.8	1,241.7
1978	1,270.0	1,236.6	1,240.4	1,246.6	1,257.3	1,267.4	1,276.4	1,250.5	1,264.9	1,288.3	1,298.0	1,305.3	1,306.6
1979	1,298.9	1,299.4	1,299.2	1,300.4	1,303.7	1,305.7	1,321.9	1,285.3	1,281.6	1,301.8	1,301.3	1,298.3	1,288.1
1980	1,195.1	1,260.9	1,261.8	1,264.0	1,231.0	1,182.5	1,165.9	1,112.2	1,140.8	1,168.0	1,178.1	1,189.1	1,187.2
1981	1,172.6	1,172.6	1,170.9	1,178.3	1,184.2	1,186.9	1,195.6	1,172.5	1,177.9	1,193.3	1,169.7	1,149.6	1,119.7
1982		1,090.0	1,083.3										

See footnotes at end of tables

SIC 34—FABRICATED METAL PRODUCTS (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	242.11	228.05	231.26	235.01	234.67	239.03	245.86	238.95	243.13	247.61	249.67	251.10	257.04
1978	260.35	243.79	246.41	258.82	254.50	258.11	260.19	257.00	259.72	266.13	266.50	271.27	280.21
1979	274.60	270.50	273.01	274.79	276.22	276.08	280.03	275.25	277.43	283.56	285.89	287.82	299.59
1980	300.44	288.26	288.99	294.35	292.66	292.47	297.94	291.65	299.50	309.02	311.45	317.79	327.39
1981	330.56	314.35	316.40	325.21	323.61	332.11	335.78	327.58	332.49	338.70	337.26	337.64	345.47
1982		323.19	337.66										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.91	5.73	5.71	5.76	5.78	5.83	5.91	5.90	5.93	6.01	6.06	6.06	6.12
1978	6.20	6.11	6.13	6.20	6.25	6.28	6.30	6.33	6.35	6.46	6.50	6.55	6.64
1979	6.65	6.63	6.68	6.75	6.65	6.80	6.83	6.83	6.85	6.95	6.99	7.02	7.15
1980	7.45	7.15	7.15	7.25	7.29	7.33	7.41	7.44	7.49	7.63	7.66	7.77	7.87
1981	8.20	7.88	7.92	8.02	8.05	8.16	8.23	8.21	8.26	8.33	8.39	8.42	8.53
1982		8.55	8.57										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	41.0	39.8	40.5	40.8	40.6	41.0	41.6	40.5	41.0	41.2	41.2	41.3	41.0
1978	41.0	39.9	40.3	40.1	41.0	41.1	41.3	40.6	40.9	41.2	41.0	41.4	42.2
1979	41.7	40.6	40.6	41.3	38.8	40.6	41.0	40.3	40.5	40.6	40.9	41.0	41.9
1980	40.8	40.6	40.6	40.8	40.2	39.9	40.1	39.2	40.0	40.5	40.5	40.9	41.6
1981	41.3	40.4	40.8	40.8	40.2	40.7	40.8	39.9	40.3	39.7	40.2	40.1	40.5
1982		37.8	39.4										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.6	3.1	3.1	3.3	3.2	3.4	3.7	3.5	3.7	4.0	3.9	3.8	4.0
1978	3.9	3.4	3.5	3.6	3.7	3.7	3.8	3.5	3.8	4.1	3.9	4.0	4.1
1979	3.4	3.6	3.5	3.7	2.1	3.5	3.6	3.2	3.2	3.6	3.5	3.4	3.6
1980	2.8	3.1	3.0	3.1	2.7	2.6	2.6	2.6	2.9	3.0	2.9	3.0	3.1
1981	2.7	2.8	2.6	2.9	3.1	2.7	2.9	2.7	2.7	2.4	2.5	2.4	2.5
1982		2.0	2.1										

SIC 341—METAL CANS AND SHIPPING CONTAINERS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	77.7	76.6	75.1	78.6	77.3	77.8	79.6	79.4	80.5	79.6	77.9	75.6	74.2
1978	79.5	75.7	76.8	78.5	79.7	80.3	80.7	81.8	81.4	81.9	79.4	79.9	79.4
1979	80.2	79.0	79.1	80.6	82.5	81.3	82.1	81.3	81.3	80.9	78.2	78.1	77.7
1980	74.9	77.0	77.5	77.0	76.2	75.0	74.7	73.6	75.0	75.1	73.4	72.1	71.6
1981	71.3	71.7	73.0	71.8	72.4	72.5	72.9	72.1	72.9	73.4	68.7	67.8	66.6
1982		68.9	67.7										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	12.4	12.0	11.9	12.3	12.3	12.3	12.9	13.0	13.2	13.0	12.7	11.6	11.5
1978	13.0	12.0	12.2	12.4	12.9	13.3	13.6	13.6	13.5	13.5	13.1	12.2	12.1
1979	13.9	13.4	13.6	13.6	14.0	14.1	14.2	14.1	14.1	14.0	14.0	13.6	13.6
1980	13.0	13.7	13.5	13.6	13.6	13.2	12.7	12.6	12.9	13.0	12.5	12.3	12.2
1981	12.4	12.4	12.7	12.6	12.7	12.9	13.1	12.9	12.8	12.7	11.8	11.3	11.1
1982		11.5	11.6										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	65.7	64.7	63.2	67.0	65.4	65.8	67.9	67.4	68.3	67.4	65.7	63.4	62.1
1978	66.9	63.4	64.5	66.1	67.0	67.7	68.2	68.8	68.9	68.6	66.6	67.3	65.7
1979	67.9	66.1	67.4	68.7	70.5	69.3	70.0	68.9	68.9	68.6	66.6	66.5	65.2
1980	63.2	64.9	65.4	65.1	64.3	63.2	62.8	62.0	63.5	63.7	62.2	60.9	60.5
1981	60.5	60.2	61.5	60.5	61.2	61.4	61.9	61.7	62.4	62.9	58.3	57.8	56.1
1982		56.3	57.2										

SIC 341—METAL CANS AND SHIPPING CONTAINERS (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	302.56	307.38	317.02	316.69	317.23	334.51	328.14	329.30	304.38	320.68			
1978	324.75	324.51	335.73	342.61	341.83	356.01	347.79	356.99	361.20	371.09			
1979	360.03	364.99	375.50	382.06	387.24	382.37	394.71	414.37	425.41	427.25	398.54	411.21	416.43
1980	422.46	409.54	403.14	414.54	426.61	429.08	434.24	439.71	449.54	458.06	441.96	439.76	461.44
1981	470.32	446.62	441.50	450.45	456.27	471.71	476.51	479.43	491.51	479.62	478.66	487.85	504.38
1982		474.46	462.28										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	7.06	7.02	7.05	7.14	7.20	7.38	7.45	7.51	7.41	7.10	7.51		
1978	7.60	7.59	7.66	7.79	7.84	7.99	8.03	8.14	8.21	8.30	8.26	8.36	8.40
1979	8.44	8.45	8.61	8.76	8.70	8.71	8.90	9.03	9.09	9.17	9.12	9.02	9.34
1980	9.44	9.29	9.31	9.51	9.49	9.79	9.97	9.97	10.08	10.14	10.16	10.18	10.30
1981	10.68	10.25	10.29	10.50	10.56	10.77	10.90	10.93	11.07	11.19	11.08	11.18	11.26
1982		11.00	11.09										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	42.9	43.7	43.1	43.6	44.0	45.3	45.7	44.9	43.7	43.9	41.3	43.7	
1978	42.9	42.9	43.0	43.2	43.7	43.8	44.6	44.6	43.6	44.7	42.6	43.0	43.6
1979	42.9	43.1	43.5	43.5	42.0	43.5	44.8	45.6	44.6	44.4	43.7	44.6	44.8
1980	44.5	44.0	43.2	43.6	43.9	44.0	44.1	44.2	44.3	41.5	43.2	44.8	44.8
1981	44.0	43.6	42.9	42.9	43.4	43.6	43.9	43.9	44.4	42.9	43.2	43.6	44.4
1982		42.1	42.1										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	4.0	3.8	4.4	4.4	4.1	4.9	5.3	5.8	5.5	5.2	4.8	3.2	3.7
1978	4.7	3.8	4.5	4.6	4.7	4.5	5.1	5.6	5.3	5.7	4.2	4.2	4.0
1979	4.1	4.1	5.0	5.1	4.1	4.8	4.5	5.4	5.7	5.5	5.0	5.3	4.9
1980	4.5	5.1	4.9	4.9	4.5	4.1	4.2	4.4	5.1	5.4	4.2	3.5	4.1
1981	4.0	4.6	4.6	4.4	4.2	4.5	4.9	4.7	5.3	4.9	4.1	4.1	3.9
1982		4.2	4.0										

SIC 3411—METAL CANS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	64.5	63.6	62.4	65.5	64.1	64.3	65.9	65.7	67.1	66.1	64.7	62.7	61.1
1978	65.9	62.9	63.8	65.7	66.2	66.4	66.6	67.8	67.6	67.7	65.6	66.3	64.8
1979	66.2	65.0	65.4	66.7	66.1	67.0	67.6	67.3	67.8	66.9	64.5	64.5	64.3
1980	61.6	63.9	64.4	63.8	63.0	61.6	61.7	60.7	62.0	62.0	60.4	59.2	58.9
1981	58.0	58.9	59.4	58.5	59.1	59.3	59.7	59.0	59.9	60.3	56.0	55.1	54.3
1982		54.6	55.4										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	10.9	10.5	10.5	10.9	10.8	10.8	11.4	11.5	11.7	11.6	11.1	10.3	10.0
1978	11.4	10.5	10.7	10.9	11.4	11.7	12.0	12.0	11.9	11.8	11.4	11.6	11.4
1979	12.0	11.7	12.1	12.1	12.3	12.2	12.4	12.3	12.3	12.2	12.2	12.0	12.0
1980	11.3	11.9	12.0	12.0	11.8	11.4	11.0	10.9	11.2	11.3	10.8	10.6	10.5
1981	10.6	10.7	10.9	10.7	10.8	11.0	11.2	11.0	11.0	10.9	10.0	9.5	9.4
1982		9.8	9.9										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	55.0	54.4	53.0	56.4	54.7	54.8	56.6	56.2	57.4	56.3	55.0	53.0	51.6
1978	55.9	53.1	54.1	55.4	56.2	56.5	56.8	57.8	57.7	57.4	55.3	56.2	54.6
1979	56.5	54.8	56.1	57.2	56.6	57.5	57.9	57.2	57.5	57.0	54.5	54.5	54.3
1980	52.6	54.3	54.8	54.3	53.5	52.4	52.2	51.6	52.9	53.0	51.6	50.4	50.1
1981	50.0	49.9	51.0	49.8	50.5	50.8	51.2	51.1	51.9	52.3	48.2	47.3	46.4
1982		46.7	47.6										

SIC 3411—METAL CANS (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	327.45	302.04	305.31	311.04	317.11	326.43	343.21	350.95	347.00	338.57	337.57	311.88	331.27
1978	360.19	324.79	332.96	345.17	352.66	350.41	369.39	381.88	377.27	373.64	365.91	368.07	371.09
1979	414.33	366.07	380.79	390.06	376.65	393.74	410.33	417.31	420.71	420.97	412.16	424.65	431.49
1980	468.63	417.41	413.95	430.23	412.74	447.55	453.77	456.26	464.29	477.23	457.68	456.32	462.71
1981	491.44	463.04	455.40	463.95	476.10	495.92	496.57	500.59	512.76	500.39	499.10	509.08	534.48
1982		499.38	504.74										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	7.45	7.11	7.15	7.20	7.24	7.34	7.51	7.56	7.66	7.73	7.62	7.57	7.74
1978	8.28	7.77	7.99	7.95	8.07	8.12	8.28	8.43	8.44	8.55	8.51	8.62	8.65
1979	9.21	8.70	8.86	9.05	9.02	9.01	9.20	9.33	9.37	9.46	9.41	9.50	9.61
1980	10.15	9.53	9.56	9.80	9.79	10.06	10.22	10.23	10.41	10.65	10.48	10.49	10.61
1981	11.22	10.65	10.60	10.84	10.97	11.26	11.26	11.30	11.42	11.61	11.50	11.57	11.77
1982		11.75	11.68										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	43.9	42.5	42.7	43.2	43.8	44.5	45.7	46.3	45.3	43.8	44.3	41.2	42.8
1978	43.5	41.9	42.2	43.2	43.7	43.4	44.6	45.3	44.7	43.7	43.0	43.7	42.9
1979	43.9	42.1	42.9	43.1	42.0	43.7	44.6	45.8	44.9	44.5	43.8	44.7	44.9
1980	44.2	43.8	43.3	43.9	44.1	44.4	44.6	44.6	44.6	44.8	43.7	43.5	45.5
1981	43.8	43.5	43.0	42.9	43.4	43.9	44.1	44.3	44.9	43.1	43.4	44.0	45.4
1982		42.5	42.7										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	4.4	3.7	4.1	4.2	3.9	4.6	5.2	5.7	5.5	5.1	4.7	2.9	3.4
1978	4.4	3.6	4.3	4.3	4.4	4.1	4.6	5.4	5.0	5.3	3.4	4.0	3.5
1979	4.9	3.8	4.7	4.6	3.9	4.4	5.1	5.6	5.7	5.7	5.0	5.2	4.8
1980	4.5	5.1	4.6	4.6	4.4	4.1	4.1	4.3	5.1	5.4	4.1	3.7	4.1
1981	4.5	4.7	4.4	4.1	4.0	4.3	4.7	4.6	5.3	5.0	4.1	4.1	4.0
1982		4.3	4.0										

SIC 342—CUTLERY, HAND TOOLS, AND HARDWARE

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	175.3	174.2	171.5	173.1	171.9	173.9	175.3	171.9	174.5	177.2	178.6	179.7	181.4
1978	183.2	179.7	181.5	182.6	182.4	182.5	184.0	181.1	181.0	183.5	185.6	187.2	187.3
1979	184.1	186.5	187.1	186.3	187.3	186.2	187.2	181.0	180.6	180.9	181.9	183.2	181.0
1980	163.9	179.0	177.8	178.3	171.9	163.0	157.6	146.7	149.1	157.8	160.1	162.0	163.1
1981	159.5	160.4	160.6	161.4	162.9	162.1	162.5	158.6	157.8	160.5	158.2	156.2	152.3
1982		149.1	145.1										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	58.4	57.5	57.2	57.1	57.3	58.1	58.8	57.1	57.9	59.0	60.1	60.6	60.6
1978	61.5	59.9	60.5	60.9	61.0	61.1	62.2	60.1	60.6	61.6	62.5	63.3	63.7
1979	62.2	62.8	62.7	63.0	63.1	63.1	63.2	60.7	60.3	60.8	61.7	62.7	61.9
1980	55.6	61.3	60.5	61.0	58.6	55.6	53.4	48.7	49.8	52.8	54.4	55.6	55.4
1981	54.3	54.2	54.3	54.9	55.6	55.2	55.7	54.6	53.8	54.9	53.7	52.9	51.6
1982		50.2	48.7										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	135.5	134.8	132.2	133.6	132.5	134.3	135.6	131.3	134.2	137.3	138.8	140.2	141.3
1978	142.9	140.3	142.1	142.6	142.8	142.7	143.9	140.7	140.3	142.6	144.6	146.1	146.3
1979	143.1	145.6	146.2	145.4	146.2	145.5	145.9	139.4	139.2	140.1	141.1	142.4	140.1
1980	125.2	138.3	136.8	137.7	131.6	122.9	118.6	109.0	112.2	120.5	123.1	125.3	126.0
1981	121.8	123.8	123.7	124.0	125.4	124.5	125.1	120.8	119.2	122.7	120.2	118.1	114.4
1982		110.8	106.9										

See footnotes at end of tables.

SIC 342—CUTLERY, HAND TOOLS, AND HARDWARE (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	232.68	219.85	223.99	227.14	227.96	230.95	228.73	223.36	230.77	236.71	240.85	248.85	246.59
1978	246.65	233.78	239.19	247.61	247.64	249.69	243.01	236.21	246.65	251.13	249.67	252.96	261.87
1979	260.55	252.80	256.07	264.51	261.81	262.40	261.05	255.54	265.45	263.74	270.55	267.73	279.35
1980	275.89	268.77	267.61	279.02	271.47	267.11	268.27	261.54	264.02	279.17	284.86	288.62	302.54
1981	306.14	293.22	291.33	300.53	302.59	312.62	313.01	311.66	308.85	297.98	313.63	312.64	317.99
1982		300.20	313.53										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.68	5.61	5.49	5.54	5.56	5.62	5.62	5.57	5.67	5.78	5.88	5.97	5.90
1978	6.08	5.83	5.95	6.01	6.04	6.06	6.03	5.98	6.09	6.17	6.16	6.20	6.31
1979	6.54	6.32	6.37	6.51	6.33	6.51	6.51	6.52	6.50	6.61	6.73	6.71	6.83
1980	7.00	6.77	6.78	6.92	6.89	6.92	6.95	6.91	6.94	7.14	7.23	7.41	7.47
1981	7.77	7.56	7.47	7.57	7.68	7.68	7.90	7.86	7.76	7.76	7.94	7.94	8.03
1982		8.07	8.06										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	41.0	39.9	40.6	41.0	41.0	41.1	40.7	40.1	40.7	41.3	41.1	41.7	42.1
1978	41.6	40.1	40.7	41.2	41.0	41.0	40.3	39.5	40.5	40.7	40.4	40.6	40.5
1979	39.9	40.0	40.2	40.6	39.0	40.0	40.1	39.2	39.3	39.4	40.0	39.9	40.9
1980	39.3	39.7	39.5	39.8	39.4	39.6	38.6	37.9	38.0	39.1	39.4	40.3	40.5
1981	39.4	39.2	39.0	39.7	39.4	39.9	39.9	39.5	39.4	38.4	39.5	39.4	39.4
1982		37.2	38.9										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.3	3.0	3.4	3.4	3.4	3.4	3.0	2.3	3.0	3.5	3.3	3.4	3.6
1978	3.3	3.0	3.3	3.5	3.4	3.4	3.0	2.3	3.0	3.5	3.3	3.4	3.6
1979	3.4	3.1	3.3	3.6	3.5	3.5	3.4	2.4	3.0	3.5	3.3	3.4	3.6
1980	3.1	3.1	3.1	3.3	3.4	3.5	3.2	2.4	3.0	3.5	3.3	3.4	3.6
1981	3.2	3.1	3.1	3.3	3.4	3.5	3.2	2.4	3.0	3.5	3.3	3.4	3.6
1982		3.1	3.2										

SIC 3423,5—HAND AND EDGE TOOLS, AND HAND SAWS AND BLADES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	58.0	59.5	56.2	57.5	56.7	57.2	58.0	57.1	58.2	58.6	58.6	59.2	59.7
1978	63.1	60.1	62.0	63.4	63.2	63.4	63.8	63.1	63.2	63.6	64.2	64.7	64.9
1979	64.9	65.0	65.0	63.8	65.1	64.5	65.6	63.6	64.6	63.6	64.1	64.7	64.9
1980	58.2	64.2	63.9	62.3	61.4	58.1	57.1	53.0	54.3	55.3	55.6	55.6	56.6
1981	55.2	55.7	55.6	55.7	55.5	55.7	55.8	54.2	55.0	55.5	55.0	54.4	53.9
1982		52.9	51.5										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	15.6	15.1	14.5	15.0	15.1	15.5	15.6	15.6	15.7	15.9	16.2	16.3	16.2
1978	16.6	16.3	16.4	16.7	16.6	16.8	17.1	16.7	16.7	16.9	17.1	17.2	17.4
1979	17.4	17.2	17.0	17.0	17.2	17.3	17.7	17.2	17.9	17.5	17.7	17.8	17.6
1980	16.2	17.8	17.5	17.5	17.2	16.4	16.0	14.6	15.2	15.3	15.5	15.4	15.6
1981	15.5	15.4	15.6	15.5	15.4	15.5	15.8	15.4	15.6	15.6	15.5	15.2	15.3
1982		15.1	14.9										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	44.7	46.0	43.1	44.4	43.5	44.0	44.5	43.4	44.8	45.3	45.4	45.9	46.5
1978	49.8	46.9	48.9	49.6	49.9	50.0	50.3	49.4	49.5	49.9	50.5	50.9	51.2
1979	50.8	51.5	51.5	50.3	51.4	50.9	51.7	49.6	50.5	50.0	50.3	50.6	50.9
1980	45.0	50.5	49.6	49.4	47.8	44.5	43.6	40.3	41.6	42.5	43.0	42.9	43.7
1981	42.2	43.0	43.0	42.7	42.5	42.6	42.8	41.1	41.6	42.4	41.9	41.4	41.2
1982		40.1	38.7										

See footnotes at end of tables.

SIC 3423,5—HAND AND EDGE TOOLS, AND HAND SAWS AND BLADES (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	217.46	204.09	212.68	212.16	211.12	216.71	214.90	213.06	214.54	225.09	224.95	226.32	233.79
1978	236.67	231.01	233.95	241.53	240.93	235.75	234.67	224.43	230.66	238.39	237.60	243.41	249.67
1979	256.14	246.64	245.41	251.31	238.68	251.91	257.70	253.83	253.92	264.31	268.14	271.01	274.80
1980	268.52	265.20	263.06	267.85	266.66	259.00	263.25	261.58	266.88	273.66	270.11	282.98	284.60
1981	294.18	284.87	288.40	289.52	295.73	297.60	298.28	290.55	297.60	293.57	296.29	299.81	305.27
1982		281.82	299.92										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.33	5.18	5.20	5.20	5.20	5.26	5.28	5.30	5.35	5.45	5.46	5.52	5.54
1978	5.82	5.58	5.72	5.71	5.75	5.75	5.78	5.74	5.81	5.93	5.94	6.01	6.05
1979	6.34	6.12	6.12	6.01	6.10	6.22	6.27	6.33	6.38	6.51	6.54	6.61	6.67
1980	6.85	6.63	6.61	6.63	6.70	6.78	6.82	6.90	6.95	7.04	6.98	7.11	7.13
1981	7.41	7.22	7.26	7.22	7.32	7.44	7.42	7.45	7.44	7.47	7.52	7.56	7.63
1982		7.70	7.73										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	40.8	39.4	40.4	40.8	40.6	41.2	40.7	40.2	40.1	41.3	41.2	41.0	42.2
1978	40.7	41.4	40.9	40.3	41.9	41.0	40.6	39.1	39.7	40.2	40.0	40.5	41.3
1979	40.4	40.3	40.4	40.5	39.0	40.0	41.1	40.1	39.8	40.6	41.0	41.0	41.2
1980	39.5	41.0	39.6	40.8	39.8	38.1	38.6	37.8	38.4	38.9	38.7	39.6	40.0
1981	39.7	39.4	39.5	40.1	40.4	40.0	40.2	39.0	40.0	39.3	39.4	39.5	39.8
1982		39.6	39.8										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.6	2.6	3.0	3.7	3.5	3.7	3.5	2.7	3.2	3.4	3.4	3.3	4.1
1978	3.6	3.6	3.0	3.2	4.0	3.6	3.2	2.2	2.9	3.2	3.0	3.2	3.6
1979	3.5	3.4	3.2	3.2	3.5	3.5	3.2	2.2	2.9	3.2	3.0	3.2	3.6
1980	3.2	3.5	3.2	3.2	3.5	3.2	3.0	2.2	2.9	3.2	3.0	3.2	3.6
1981	3.2	3.5	3.2	3.2	3.5	3.2	3.0	2.2	2.9	3.2	3.0	3.2	3.6
1982		3.5	3.2										

SIC 3429—HARDWARE, NEC

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	101.7	99.2	99.7	100.3	100.0	101.4	102.1	99.6	101.0	103.0	104.2	104.6	105.6
1978	103.8	103.5	103.4	103.2	103.2	103.1	104.1	102.0	101.4	103.6	105.1	106.3	106.2
1979	103.6	105.5	106.1	106.6	106.3	106.0	105.7	102.0	100.2	101.4	101.7	102.2	99.5
1980	90.0	98.4	97.7	96.7	94.4	89.0	85.0	79.1	79.8	87.5	88.9	91.0	90.9
1981	89.1	89.3	89.2	90.0	91.8	91.4	91.6	89.4	87.8	89.9	88.1	86.9	83.5
1982		81.7	79.4										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	36.0	35.6	35.8	35.4	35.5	35.9	36.3	34.8	35.4	36.2	36.8	37.3	37.2
1978	37.5	36.7	37.2	37.2	37.4	37.3	38.0	36.4	36.9	37.5	38.2	38.6	39.0
1979	37.6	38.4	38.5	36.9	36.8	38.7	38.4	36.7	36.9	36.2	36.7	37.5	36.6
1980	32.3	36.2	35.7	36.2	34.0	32.1	30.4	27.6	27.9	30.5	31.5	32.6	32.5
1981	31.9	31.5	32.4	32.2	33.0	32.8	33.1	32.4	31.5	32.5	31.5	31.0	29.7
1982		28.6	27.5										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	79.5	77.4	77.8	78.2	78.0	79.2	80.1	76.9	78.3	80.6	81.8	82.6	82.8
1978	81.3	81.3	81.2	80.9	82.0	80.9	81.7	79.5	79.0	80.8	82.1	83.3	83.3
1979	80.8	82.4	83.0	83.6	83.2	83.2	82.7	79.0	77.3	78.6	79.1	79.9	77.3
1980	68.4	76.1	75.3	76.4	72.0	66.6	63.3	58.0	59.0	66.1	67.6	70.0	69.8
1981	68.1	68.4	68.3	69.0	70.8	70.5	70.9	68.5	66.5	69.1	67.2	65.8	62.4
1982		60.3	58.2										

SIC 3429—HARDWARE, NEC (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNIN

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July
1977	246.38	234.14	238.19	240.78	243.19	244.50	240.72	238
1978	256.22	243.18	247.95	258.26	258.85	264.90	253.45	246
1979	267.13	260.43	268.00	276.89	286.47	270.47	267.53	259
1980	286.21	273.62	274.46	283.43	278.14	275.99	276.48	266
1981	318.67	308.88	304.92	317.98	315.48	328.75	330.89	317
1982		314.53	324.31					

PRODUCTION WORKER AVERAGE HOURLY EARNING

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July
1977	5.98	5.81	5.74	5.83	5.86	5.92	5.90	5.9
1978	6.36	6.11	6.23	6.33	6.36	6.43	6.29	6.2
1979	6.78	6.56	6.65	6.80	6.59	6.83	6.79	6.7
1980	7.32	6.98	7.02	7.03	7.15	7.15	7.20	7.1
1981	8.15	7.92	7.92	8.05	8.11	8.29	8.36	8.1
1982		8.41	8.38					

PRODUCTION WORKER AVERAGE WEEKLY H

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July
1977	41.2	40.3	40.8	41.3	41.5	41.3	40.8	39.1
1978	40.6	39.8	39.8	40.8	40.7	41.2	40.3	39.7
1979	39.4	39.7	40.3	40.6	37.4	39.6	39.4	38.5
1980	39.1	39.2	39.1	39.2	38.9	38.6	38.4	37.6
1981	39.1	39.0	38.5	39.5	38.9	39.8	39.7	38.9
1982		37.4	38.7					

PRODUCTION WORKER AVERAGE WEEKLY OVERTIM

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July
1977	3.6	3.2	2.7	3.4	3.6	3.5	3.2	2.6
1978	3.4	2.7	3.0	3.4	3.2	3.7	3.0	2.6
1979	2.6	2.9	3.0	3.4	3.1	3.6	3.0	2.6
1980	2.0	2.1	2.1	2.1	2.6	2.5	2.5	2.1
1981	2.1	2.1	1.9	2.3	1.9	2.8	2.8	2.0
1982		1.2	1.4					

SIC 343—PLUMBING AND HEATING, EXCEPT

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July
1977	69.2	65.4	66.0	66.8	67.5	68.8	69.5	68.3
1978	74.0	73.2	74.6	74.3	73.7	73.3	73.8	70.9
1979	75.7	75.0	74.0	73.6	74.3	74.8	76.2	74.3
1980	70.2	76.0	76.4	75.9	74.4	68.8	66.3	63.9
1981	68.9	68.8	68.5	68.5	68.2	67.9	68.7	68.2
1982		66.6	67.4					

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July
1977	15.2	13.7	13.8	14.3	14.7	15.1	15.1	14.8
1978	17.8	16.9	17.4	17.4	17.7	17.8	17.7	16.9
1979	19.3	19.0	18.8	18.7	19.2	19.1	19.5	18.9
1980	16.6	19.3	19.2	18.9	18.2	15.6	14.9	14.6
1981	16.9	16.2	16.5	16.6	16.9	16.8	16.8	17.0
1982		16.7	15.7					

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July
1977	51.6	48.5	49.4	49.7	50.4	51.5	51.8	50.5
1978	55.0	54.8	54.4	55.3	54.8	54.4	54.6	51.7
1979	55.9	55.4	55.7	54.1	54.8	55.2	56.2	54.8
1980	50.3	56.4	56.0	55.6	53.8	48.1	46.1	44.5
1981	49.6	49.2	49.2	49.4	49.1	48.8	49.4	48.9
1982		46.3	47.1					

See footnotes at end of tables.

SIC 3429—HARDWARE, NEC (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	246.38	234.14	234.19	241.78	243.19	244.56	240.72	232.62	245.14	250.69	255.85	267.13	262.91
1978	264.21	243.14	247.95	256.26	258.85	264.92	253.46	248.13	262.86	265.10	262.75	261.53	273.97
1979	287.13	260.43	268.00	276.89	286.41	270.47	267.53	259.88	260.63	268.21	276.71	268.71	285.53
1980	290.10	272.62	274.48	283.42	278.14	275.99	276.48	266.96	269.74	290.55	301.41	317.54	323.16
1981	314.97	308.69	304.92	317.96	315.84	329.75	331.89	317.49	319.97	304.99	327.81	323.40	328.50
1982		314.33	304.71										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.99	5.81	5.74	5.83	5.86	5.90	5.90	5.83	5.95	6.07	6.21	6.33	6.23
1978	6.38	6.11	6.22	6.33	6.36	6.43	6.29	6.25	6.38	6.45	6.44	6.41	6.57
1979	6.79	6.56	6.65	6.80	6.59	6.83	6.79	6.75	6.70	6.79	6.97	6.89	7.05
1980	7.32	6.99	7.02	7.23	7.15	7.15	7.20	7.10	6.97	7.45	7.65	7.66	7.94
1981	8.05	7.82	7.92	8.09	8.11	8.26	8.36	8.12	8.08	8.09	8.32	8.25	8.38
1982		8.41	8.38										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	41.0	40.3	40.6	41.3	41.5	41.3	40.8	39.9	41.2	41.3	41.2	42.2	42.2
1978	40.6	39.8	39.8	40.8	40.7	41.2	40.3	39.7	41.2	41.1	40.6	40.6	41.7
1979	39.4	39.7	40.3	40.6	37.4	39.6	39.4	38.5	38.9	39.5	39.7	39.0	40.5
1980	39.1	39.2	39.1	39.2	38.9	38.6	38.4	37.6	38.7	39.0	39.4	40.4	40.7
1981	39.1	39.0	38.5	39.5	38.9	39.8	39.7	39.1	39.6	37.7	39.4	39.2	39.2
1982		37.4	38.7										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.6	3.2	2.7	3.4	3.6	3.5	3.2	2.9	3.7	3.8	4.1	4.8	3.7
1978	3.4	3.7	3.0	3.4	3.2	3.7	3.0	2.8	4.2	3.8	3.6	3.5	4.1
1979	2.5	2.9	3.0	3.4	1.1	2.8	2.5	2.1	2.1	2.4	2.5	1.4	2.5
1980	2.0	2.1	2.1	2.1	1.6	1.5	1.3	1.2	1.5	1.9	2.5	3.0	3.2
1981	2.1	2.1	1.9	2.3	1.9	2.6	2.8	2.0	2.4	1.7	2.1	1.5	1.5
1982		1.2	1.4										

SIC 343—PLUMBING AND HEATING, EXCEPT ELECTRIC

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	69.0	65.4	66.0	66.8	67.5	68.8	69.5	68.3	70.3	70.4	71.8	72.6	73.5
1978	74.0	73.2	74.6	74.3	73.7	73.3	73.8	70.9	73.1	74.6	74.9	75.6	76.1
1979	75.7	75.0	74.0	73.6	74.3	74.8	76.2	74.3	76.5	77.0	77.0	77.7	77.7
1980	70.2	75.0	76.4	75.9	74.4	68.8	66.3	63.9	65.5	67.7	68.9	69.3	69.4
1981	68.9	68.6	68.5	68.5	68.2	67.9	68.7	68.2	69.7	70.4	70.2	69.4	68.8
1982		66.6	67.4										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	15.2	13.7	13.8	14.3	14.7	15.1	15.1	14.8	15.5	15.7	16.3	16.7	16.8
1978	17.6	16.9	17.4	17.4	17.7	17.8	17.7	16.9	17.5	18.2	18.4	18.7	18.8
1979	19.3	19.0	18.8	18.7	19.2	19.1	19.5	18.9	19.4	19.6	19.6	19.7	20.0
1980	16.6	19.3	19.2	18.9	18.2	15.6	14.9	14.6	14.8	15.3	16.1	15.8	16.4
1981	16.9	16.2	16.5	16.6	16.9	16.8	16.8	17.0	17.2	17.5	17.3	17.1	17.3
1982		16.7	16.7										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	51.6	48.5	49.4	49.7	50.4	51.5	51.8	50.5	52.3	52.4	53.6	54.5	55.0
1978	55.0	54.6	55.7	55.3	54.8	54.4	54.6	51.7	53.6	55.5	56.1	56.7	56.7
1979	55.9	55.4	54.4	54.1	54.6	55.2	56.2	54.8	56.7	57.2	57.0	57.7	57.7
1980	50.3	56.4	56.0	55.6	53.6	48.1	46.1	44.5	46.3	48.2	49.4	49.9	49.8
1981	49.6	49.2	49.2	49.4	49.1	48.8	49.4	48.9	50.4	51.2	50.7	49.5	48.9
1982		46.3	47.1										

SIC 343—PLUMBING AND HEATING, EXCEPT ELECTRIC (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	205.01	195.70	201.06	201.28	201.45	200.94	204.85	198.01	202.80	210.00	210.67	210.94	221.58
1978	219.23	209.26	214.09	213.55	213.25	213.88	219.54	215.90	221.36	223.11	226.46	229.20	230.98
1979	238.99	230.62	231.24	236.19	222.05	232.07	241.59	232.97	237.55	243.76	252.13	248.62	260.41
1980	260.17	256.64	257.60	258.89	252.59	251.90	251.79	244.65	254.67	265.84	269.50	271.37	283.56
1981	282.03	271.75	268.80	275.24	273.15	280.35	287.49	280.62	284.40	281.51	295.11	291.39	293.28
1982		279.26	285.68										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.19	5.07	5.09	5.07	5.10	5.10	5.16	5.17	5.20	5.25	5.26	5.30	5.42
1978	5.55	5.38	5.42	5.42	5.44	5.47	5.53	5.55	5.59	5.62	5.69	5.73	5.76
1979	6.02	5.78	5.87	5.85	5.89	5.89	5.98	6.02	6.06	6.14	6.21	6.20	6.29
1980	6.62	6.40	6.44	6.44	6.46	6.56	6.54	6.63	6.62	6.73	6.84	6.87	6.95
1981	7.25	6.95	7.00	7.04	7.04	7.17	7.27	7.27	7.33	7.35	7.49	7.51	7.52
1982		7.43	7.48										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	39.5	38.6	39.5	39.7	39.5	39.4	39.7	38.3	39.0	40.0	39.9	39.8	40.9
1978	39.5	38.9	39.5	39.4	39.2	39.1	39.7	38.9	39.6	39.7	39.8	40.0	40.1
1979	39.7	39.9	39.4	40.1	37.7	39.4	40.4	38.7	39.2	39.7	40.6	40.1	41.4
1980	39.3	40.1	40.0	40.2	39.1	38.4	38.5	36.9	38.5	39.5	39.4	39.5	40.8
1981	38.9	39.1	38.4	39.1	38.8	39.1	39.6	38.6	38.8	38.3	39.4	38.8	39.0
1982		36.6	38.5										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	2.5	2.3	2.7	2.5	2.4	2.3	2.2	2.1	2.2	2.8	2.8	2.7	3.4
1978	2.6	2.6	2.7	2.4	2.0	2.2	2.4	2.1	2.6	3.0	3.1	3.0	3.0
1979	2.6	3.0	2.8	2.7	1.4	2.6	2.7	2.5	2.5	2.9	3.3	3.1	3.6
1980	2.3	3.3	3.0	3.0	2.1	1.7	1.4	1.4	1.7	2.1	2.1	2.3	2.9
1981	1.7	1.9	1.9	1.8	1.3	1.7	2.2	1.7	1.7	1.7	1.7	1.4	1.5
1982		1.2	1.3										

SIC 3432—PLUMBING FITTINGS AND BRASS GOODS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	25.9	24.3	24.7	25.0	25.2	26.3	26.7	26.4	26.7	26.0	26.3	26.6	27.1
1978	27.6	27.0	27.8	27.7	27.8	27.7	27.6	27.0	27.3	27.7	27.6	27.9	27.7
1979	27.2	27.3	26.8	26.8	27.2	27.9	28.1	27.3	27.7	27.3	26.8	26.6	26.3
1980	24.2	26.1	26.4	26.3	25.5	24.0	23.5	22.0	22.0	22.8	23.5	24.0	24.4
1981	26.5	24.9	25.4	26.0	26.3	26.6	27.0	26.8	27.1	27.5	26.9	26.3	26.9
1982		26.9	27.0										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	21.2	19.5	20.0	20.3	20.5	21.4	21.8	21.7	21.9	21.2	21.5	21.8	22.2
1978	22.5	22.2	22.9	22.7	22.9	22.8	22.5	21.8	22.1	22.5	22.5	22.8	22.6
1979	22.2	22.2	21.6	21.6	22.2	22.8	23.1	22.5	22.8	22.4	22.0	21.9	21.6
1980	19.5	21.5	21.6	21.7	20.7	19.1	18.6	17.3	17.5	18.1	18.7	19.2	19.6
1981	21.2	19.9	20.3	20.9	21.2	21.4	21.7	21.5	21.8	22.1	21.5	20.8	21.4
1982		21.3	21.3										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	195.32	185.76	191.09	191.44	192.76	194.22	196.02	189.70	196.39	198.18	197.34	199.68	208.55
1978	215.32	206.46	212.13	209.87	209.35	212.67	214.26	214.03	215.72	216.86	222.56	225.84	222.24
1979	234.95	222.88	229.14	237.31	215.80	234.52	238.88	232.00	234.95	235.41	246.22	240.20	253.15
1980	255.27	254.18	255.82	257.91	256.41	244.35	242.70	241.70	245.75	256.36	260.43	264.65	277.28
1981	274.13	271.89	268.49	270.80	271.55	274.00	282.40	275.52	274.71	267.58	280.53	274.18	280.52
1982		262.07	292.86										

See footnotes at end of tables.

SIC 3432—PLUMBING FITTINGS AND BRASS GOODS (Con.)

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1977	4.47	4.45	4.45	4.45	4.46	4.48	4.49	4.50	4.54	4.53	4.53	4.56	4.53
1978	4.81	4.74	4.76	4.78	4.80	4.80	4.82	4.83	4.85	4.87	4.87	4.89	4.89
1979	5.43	5.40	5.40	5.40	5.39	5.41	5.43	5.44	5.46	5.46	5.47	5.49	5.49
1980	6.43	6.33	6.37	6.36	6.36	6.38	6.37	6.49	6.49	6.49	6.50	6.50	6.50
1981	6.94	6.71	6.76	6.77	6.94	6.95	6.96	6.96	6.96	6.99	7.03	7.04	7.04
1982		7.05	7.04										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1977	39.1	38.1	39.4	39.8	39.1	39.8	39.9	39.8	39.1	39.4	39.0	39.1	39.8
1978	39.8	39.4	40.1	39.9	39.1	39.9	39.9	39.7	39.9	39.9	40.1	40.4	40.4
1979	40.3	39.8	40.2	41.2	40.4	41.0	41.4	40.7	41.0	40.9	41.0	41.4	41.4
1980	39.7	40.4	40.6	41.0	40.7	39.1	39.1	37.7	38.4	39.4	40.1	41.3	41.3
1981	39.5	40.4	39.6	40.0	39.7	40.0	40.4	39.7	39.7	39.4	39.5	41.0	41.0
1982		39.9	39.1										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1977	2.1	2.0	2.5	2.4	2.2	2.6	2.7	2.1	1.9	2.1	1.7	2.1	2.7
1978	2.6	2.3	2.9	2.4	2.2	2.7	2.7	2.3	2.3	2.4	2.4	2.8	2.8
1979	2.9	2.6	3.1	3.2	2.6	3.0	3.2	2.6	2.8	2.8	2.8	3.2	3.2
1980	2.2	2.6	2.8	3.0	2.8	2.1	2.1	1.5	1.8	2.2	2.7	3.2	3.2
1981	1.9	2.3	2.3	2.3	2.2	2.2	2.2	1.5	1.8	1.8	1.8	2.8	2.8
1982		2.0	1.9										

SIC 3433—HEATING EQUIPMENT, EXCEPT ELECTRIC

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1977	32.5	30.9	30.9	31.3	31.7	31.9	31.8	30.9	32.5	33.4	34.1	34.9	35.4
1978	35.7	35.3	35.7	35.4	35.1	34.9	35.0	34.4	35.5	36.3	36.9	36.3	37.2
1979	37.3	36.3	36.8	35.3	35.5	35.6	36.7	36.0	37.6	38.8	39.6	40.0	40.4
1980	35.6	39.3	39.1	39.6	39.3	34.6	32.8	33.4	34.1	34.7	34.6	34.6	33.9
1981	31.7	33.8	32.2	31.6	31.0	30.4	30.7	31.0	32.0	32.2	32.4	32.5	31.5
1982		29.7	30.1										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1977	23.0	21.9	22.0	22.0	22.4	22.6	22.3	21.3	22.8	23.6	24.5	25.0	25.3
1978	25.0	25.1	25.2	24.9	24.6	24.4	24.3	23.4	24.7	25.5	26.1	25.4	25.8
1979	25.8	24.9	24.5	24.1	24.3	24.2	25.0	24.7	26.2	27.2	27.8	28.1	28.4
1980	23.7	27.3	26.8	26.4	25.8	22.0	20.7	20.9	22.5	23.0	23.0	23.1	22.4
1981	21.0	22.6	21.3	20.9	20.4	19.9	20.2	20.5	21.4	21.8	21.9	21.7	20.8
1982		18.8	19.3										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1977	202.58	191.00	194.93	196.81	196.10	196.11	202.00	201.69	201.73	209.68	203.43	208.24	220.37
1978	212.01	198.36	198.98	204.86	204.19	202.92	210.75	208.19	217.23	222.24	222.43	224.53	231.09
1979	229.51	224.36	219.27	224.05	212.21	219.82	230.10	221.63	228.27	237.77	243.60	239.60	246.64
1980	249.87	243.20	241.16	242.74	239.65	249.23	251.02	234.42	249.45	257.67	260.29	261.89	272.56
1981	277.59	262.44	259.82	262.39	261.95	273.56	283.42	273.35	284.79	282.94	293.53	292.04	289.65
1982		289.16	291.83										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1977	5.09	5.00	4.96	4.97	4.99	4.99	5.05	5.14	5.12	5.14	5.16	5.18	5.31
1978	5.45	5.22	5.25	5.28	5.29	5.34	5.39	5.45	5.57	5.57	5.62	5.67	5.72
1979	5.90	5.68	5.74	5.75	5.72	5.80	5.89	5.91	5.96	6.05	6.09	6.02	6.06
1980	6.44	6.22	6.20	6.24	6.29	6.44	6.42	6.44	6.47	6.59	6.64	6.63	6.78
1981	7.21	6.86	6.91	6.96	6.93	7.18	7.23	7.27	7.34	7.33	7.45	7.45	7.51
1982		7.67	7.58										

See footnotes at end of tables.

SIC 3433—HEATING EQUIPMENT, EXCEPT ELECTRIC (Con.)

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1977	5.64	5.51	5.51	5.54	5.51	5.55	5.60	5.63	5.68	5.73	5.75	5.80	5.83
1978	6.04	5.83	5.85	5.89	5.91	5.94	5.98	6.03	6.08	6.14	6.18	6.22	6.30
1979	6.60	6.30	6.38	6.41	6.39	6.49	6.52	6.58	6.67	6.78	6.78	6.86	6.95
1980	7.26	6.95	6.95	7.02	7.10	7.20	7.25	7.25	7.35	7.43	7.46	7.52	7.63
1981	7.98	7.66	7.67	7.75	7.79	7.86	7.90	8.00	8.08	8.16	8.22	8.27	8.40
1982		8.44	8.46										

SIC 344—FABRICATED STRUCTURAL METAL PRODUCTS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1977	472.9	452.6	458.6	463.5	464.1	466.5	475.7	479.2	487.3	491.1	492.8	493.1	492.2
1978	495.1	486.5	486.0	488.2	493.4	499.4	505.5	508.1	513.8	517.3	520.5	521.7	520.9
1979	511.7	504.3	505.4	507.9	509.4	503.9	503.7	499.7	502.4	505.5	504.7	507.9	507.4
1980	504.1	501.9	501.4	501.5	499.6	504.1	504.3	502.3	503.7	503.3	503.2	501.2	494.7
1981		492.4	493.7	494.5	493.4	493.7	493.7	493.7	493.7	493.7	493.7	493.7	493.7
1982		493.7	493.7										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1977	62.5	57.2	57.1	57.9	59.6	61.4	62.4	63.3	64.6	66.5	66.6	66.9	67.0
1978	69.5	66.6	66.4	66.1	67.6	68.7	70.4	69.7	70.6	72.0	72.9	72.4	72.3
1979	71.7	71.0	70.6	70.4	71.3	72.7	73.9	74.5	75.4	76.4	76.7	76.4	75.6
1980	72.1	74.9	73.7	73.7	71.9	69.8	69.3	69.4	71.4	72.4	73.0	73.9	72.5
1981	70.6	71.9	71.5	71.9	72.5	73.2	74.0	73.9	73.6	73.6	72.9	72.5	72.2
1982		69.7	68.1										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1977	335.0	316.9	312.9	316.9	321.6	329.4	337.5	340.1	346.6	350.4	350.1	349.7	348.5
1978	358.3	345.0	343.4	344.5	346.5	354.2	358.7	360.0	365.5	368.3	369.7	371.1	370.3
1979	368.7	364.6	361.4	361.6	360.9	362.6	371.4	370.4	368.3	377.2	376.5	376.3	373.4
1980	355.1	359.8	365.1	361.9	352.7	346.6	346.7	341.8	353.1	356.1	356.1	357.2	355.1
1981	346.3	350.2	346.5	345.9	345.9	346.5	349.5	348.7	351.7	350.8	345.7	339.8	334.8
1982		324.3	319.5										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1977	226.73	213.79	219.30	221.05	217.09	222.56	227.92	224.64	231.24	231.84	232.30	236.06	239.61
1978	247.61	235.62	238.74	236.19	236.99	239.38	243.39	241.20	245.02	249.28	249.05	251.91	258.93
1979	265.98	249.48	252.70	257.04	247.29	258.95	262.76	261.88	266.80	277.30	276.62	281.95	280.51
1980	292.85	280.09	275.92	279.40	281.67	287.28	290.73	287.83	295.47	302.40	301.38	307.57	313.12
1981	320.80	307.93	303.73	310.78	310.04	315.97	317.58	320.00	326.43	327.22	332.73	335.76	336.47
1982		313.97	313.32										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1977	5.64	5.51	5.51	5.54	5.51	5.55	5.60	5.63	5.68	5.73	5.75	5.80	5.83
1978	6.04	5.83	5.85	5.89	5.91	5.94	5.98	6.03	6.08	6.14	6.18	6.22	6.30
1979	6.60	6.30	6.38	6.41	6.39	6.49	6.52	6.58	6.67	6.78	6.78	6.86	6.95
1980	7.26	6.95	6.95	7.02	7.10	7.20	7.25	7.25	7.35	7.43	7.46	7.52	7.63
1981	7.98	7.66	7.67	7.75	7.79	7.86	7.90	8.00	8.08	8.16	8.22	8.27	8.40
1982		8.44	8.46										

SIC 344—FABRICATED STRUCTURAL METAL PRODUCTS (Con.)

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	40.2	38.8	39.8	39.9	39.4	40.1	40.7	39.9	40.7	40.4	40.4	40.7	41.1
1978	40.2	38.7	39.1	40.1	40.1	40.3	40.7	40.0	40.3	40.6	40.3	40.5	41.1
1979	40.3	39.6	39.7	40.1	38.7	39.9	40.3	39.8	40.3	40.9	40.8	41.1	41.8
1980	40.2	40.3	39.7	39.8	39.7	39.9	40.1	39.7	40.2	40.7	40.4	40.9	41.3
1981	40.2	40.2	39.6	40.1	39.8	40.2	40.2	40.0	40.4	40.1	40.6	40.6	41.1
1982		37.2	39.4										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	3.1	2.4	2.6	2.6	2.5	2.8	3.2	3.3	3.6	3.6	3.4	3.4	3.5
1978	3.2	2.6	2.8	2.9	3.0	3.1	3.3	3.2	3.4	3.7	3.2	3.3	3.4
1979	3.0	2.6	2.6	2.7	1.8	2.7	2.9	2.9	3.2	3.7	3.4	3.4	3.6
1980	2.7	2.9	2.6	2.6	2.3	2.4	2.5	2.5	2.8	3.0	2.8	3.1	3.3
1981	2.7	2.8	2.5	2.6	2.3	2.5	2.7	2.6	2.9	2.8	2.9	2.7	2.9
1982		2.0	2.2										

SIC 3441—FABRICATED STRUCTURAL METAL

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	96.8	97.2	94.7	95.6	94.3	94.1	96.2	97.1	97.7	98.9	98.5	98.9	98.5
1978	98.6	96.7	96.2	96.5	96.8	97.5	97.3	98.2	99.9	100.4	101.1	101.9	102.6
1979	102.6	101.9	101.8	102.4	101.4	101.6	103.7	103.4	105.1	105.7	105.8	106.2	106.6
1980	103.2	105.5	104.8	103.8	102.1	102.6	102.9	101.1	103.4	103.2	102.9	102.8	102.8
1981	101.0	102.0	101.9	102.0	100.9	100.3	100.2	100.9	101.0	101.8	100.5	100.4	100.1
1982		95.9	95.5										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	6.7	6.7	6.7	6.7	6.6	6.6	6.6	6.7	6.8	6.9	6.8	6.8	6.7
1978	6.9	6.7	6.7	6.7	6.7	6.6	7.0	6.9	7.0	7.0	7.2	7.3	7.3
1979	7.6	7.3	7.5	7.5	7.4	7.3	7.6	7.5	7.8	7.8	7.9	7.9	7.9
1980	7.6	7.9	7.8	7.8	7.5	7.6	7.6	7.4	7.6	7.6	7.6	7.6	7.6
1981	7.8	7.7	7.7	7.7	7.7	7.8	7.8	7.8	7.8	7.8	7.9	7.8	7.7	7.8
1982		7.7	7.6										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	68.9	69.7	66.9	67.3	66.3	66.1	68.3	68.9	69.6	71.2	70.4	70.9	70.6
1978	70.8	69.4	68.7	68.8	68.9	69.7	69.2	70.0	71.4	72.2	73.1	73.8	74.2
1979	75.1	73.9	73.8	73.9	73.2	73.4	74.9	74.5	76.0	76.6	76.2	76.9	77.3
1980	74.6	76.5	76.2	75.3	73.6	74.1	74.6	72.4	74.8	74.5	74.0	74.6	74.6
1981	72.2	73.7	73.3	73.4	72.0	71.5	71.5	71.9	72.0	72.6	71.8	71.4	71.3
1982		68.8	68.3										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	233.60	217.32	222.88	223.68	221.82	229.54	237.86	237.39	243.98	240.60	236.79	244.02	247.85
1978	255.56	228.22	233.19	244.82	249.08	251.91	259.36	252.89	261.99	264.45	265.77	272.83	275.98
1979	285.88	260.83	265.07	273.64	270.36	281.80	285.25	285.07	292.82	297.97	296.74	301.81	311.10
1980	310.72	292.18	293.63	298.82	300.77	306.34	309.89	303.75	320.67	324.66	320.85	326.93	335.02
1981	341.55	328.68	320.69	326.36	326.64	335.36	335.79	344.81	352.34	350.58	359.87	353.87	364.91
1982		324.12	346.26										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	5.84	5.63	5.60	5.62	5.63	5.71	5.83	5.92	5.98	6.03	6.01	6.04	6.06
1978	6.31	5.99	6.01	6.09	6.15	6.22	6.28	6.30	6.39	6.45	6.53	6.59	6.65
1979	6.98	6.67	6.66	6.74	6.81	6.89	6.89	6.97	7.09	7.18	7.22	7.29	7.32
1980	7.56	7.19	7.25	7.36	7.39	7.49	7.54	7.50	7.69	7.73	7.75	7.84	7.92
1981	8.29	7.92	7.86	7.96	8.04	8.12	8.19	8.41	8.49	8.53	8.63	8.61	8.73
1982		8.76	8.70										

SIC 3441—FABRICATED STRUCTURAL METAL (Con.)

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	40.0	38.6	39.8	39.8	39.4	40.2	40.8	40.1	40.8	39.9	39.4	40.4	40.9
1978	40.5	38.1	38.8	40.2	40.5	40.5	41.3	40.3	41.0	41.0	40.7	41.4	41.5
1979	40.9	39.7	39.8	40.6	39.7	40.9	41.4	40.9	41.3	41.5	41.1	41.4	42.5
1980	41.1	40.3	40.5	40.6	40.7	40.9	41.1	40.5	41.7	42.0	41.4	41.7	42.3
1981	41.2	41.5	40.8	41.0	40.9	41.3	41.0	41.0	41.5	41.1	41.7	41.1	41.8
1982		37.0	39.8										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	3.0	2.4	2.6	2.7	2.4	2.9	3.3	3.3	3.6	3.5	3.2	3.2	3.4
1978	3.4	2.6	2.6	2.8	2.9	3.2	3.6	3.5	3.9	4.1	3.9	4.0	4.0
1979	3.6	3.2	3.3	3.7	2.7	3.7	3.7	3.6	3.8	4.0	3.8	3.6	4.0
1980	3.4	3.3	3.2	3.4	3.1	3.3	3.5	3.3	3.4	3.6	3.1	3.5	3.6
1981	3.1	3.3	3.1	2.9	2.8	2.9	2.9	3.1	3.5	3.0	3.2	2.9	3.3
1982		2.2	2.6										

SIC 3442—METAL DOORS, SASH, AND TRIM

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	78.6	69.5	67.9	69.9	73.1	76.1	79.8	81.1	84.2	85.2	86.0	85.2	85.3
1978	85.8	83.6	82.8	81.6	83.2	85.3	86.7	86.5	87.4	88.1	88.5	89.1	87.3
1979	85.6	84.3	52.2	82.0	83.0	84.0	86.9	86.9	87.7	88.7	89.0	87.9	84.9
1980	80.0	82.6	80.9	80.5	77.7	73.7	73.7	76.2	80.3	82.5	83.3	84.5	83.6
1981	80.9	81.4	80.2	79.9	79.7	81.6	82.6	83.2	83.1	82.8	80.9	78.9	76.9
1982		74.4	72.8										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	21.8	18.6	18.0	18.3	19.9	21.1	22.0	22.3	23.3	24.5	24.6	24.4	24.1
1978	23.6	23.4	23.0	22.3	23.1	23.8	24.3	23.7	23.8	24.0	24.1	24.0	23.7
1979	23.2	22.4	21.6	21.6	22.0	23.2	23.6	24.0	24.1	24.2	24.5	23.9	22.9
1980	20.7	22.1	21.3	21.3	20.0	18.5	18.6	19.4	20.6	21.4	21.7	22.0	21.6
1981	20.8	20.7	20.3	20.2	20.3	21.0	21.5	21.7	21.7	21.6	21.0	20.2	19.4
1982		19.0	18.6										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	60.9	51.5	50.1	52.2	55.4	57.9	61.4	62.4	64.9	66.1	66.8	65.8	65.7
1978	65.1	64.0	62.9	61.9	62.9	65.0	66.1	65.6	66.3	66.8	66.8	67.3	65.5
1979	64.0	63.1	60.6	60.6	61.4	62.3	65.1	65.2	66.0	66.6	67.2	66.3	63.5
1980	58.6	61.5	59.6	59.0	56.4	52.7	53.2	55.2	58.7	61.0	61.9	62.6	61.8
1981	58.6	59.3	58.0	57.6	57.6	59.5	60.6	60.7	60.6	60.3	58.6	56.4	54.0
1982		52.5	51.1										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	178.25	172.37	171.71	173.49	173.94	176.00	180.59	172.77	181.48	180.14	179.29	184.00	189.72
1978	190.61	178.98	182.75	185.81	184.08	190.16	191.04	190.51	191.97	194.93	195.92	197.79	201.79
1979	208.15	191.76	195.58	198.39	194.16	206.98	207.77	205.14	213.07	217.76	216.40	221.20	227.29
1980	232.07	224.62	218.68	219.26	219.62	227.94	228.54	230.50	235.57	237.60	240.20	248.06	251.53
1981	251.16	240.95	238.75	242.94	247.40	248.96	252.41	251.02	249.99	257.28	257.01	259.90	266.90
1982		243.15	261.67										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	4.49	4.56	4.46	4.46	4.46	4.40	4.47	4.43	4.47	4.47	4.46	4.60	4.65
1978	4.85	4.71	4.71	4.74	4.72	4.79	4.80	4.86	4.86	4.91	4.96	5.02	5.07
1979	5.31	5.10	5.12	5.18	5.15	5.28	5.26	5.26	5.34	5.39	5.41	5.53	5.64
1980	5.89	5.73	5.68	5.71	5.81	5.89	5.86	5.88	5.86	5.94	5.99	6.08	6.18
1981	6.44	6.21	6.25	6.31	6.36	6.40	6.39	6.42	6.41	6.58	6.59	6.63	6.74
1982		6.83	6.85										

See footnotes at end of tables.

SIC 3442—METAL DOORS, SASH, AND TRIM (Con.)

SIC 3443—FABRICATED PLATE WORK (BOILER SHOPS)

SIC 3443—FABRICATED PLATE WORK (BOILER SHOPS) (Con.)

SIC 3444—SHEET METAL WORK

SIC 3444—SHEET METAL W

SIC 3446—ARCHITECTURAL

See footnotes at end of table.

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SIC 3444—SHEET METAL WORK (Con.)

PRODUCTION WORKER AVERAGE WEEKLY HOURS

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

SIC 3446—ARCHITECTURAL METAL WORK

ALL EMPLOYEES - IN THOUSANDS

PRODUCTION WORKERS - IN THOUSANDS

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS - IN DOLLARS

PRODUCTION WORKER AVERAGE HOURLY EARNINGS - IN DOLLARS

PRODUCTION WORKER AVERAGE WEEKLY HOURS

SIC 3446—ARCHITECTURAL METAL WORK (Con.)

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

SIC 345—SCREW MACHINE PRODUCTS, BOLTS, ETC.

ALL EMPLOYEES - IN THOUSANDS

WOMEN EMPLOYEES - IN THOUSANDS

PRODUCTION WORKERS - IN THOUSANDS

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS - IN DOLLARS

PRODUCTION WORKER AVERAGE HOURLY EARNINGS - IN DOLLARS

PRODUCTION WORKER AVERAGE WEEKLY HOURS

SIC 345—SCREW MACHINE PRODUCTS, BOLTS, ETC. (Cont.)

SIC 3451—SCREW MACHINE PRODUCTS

SIC 3451—SCREW MACHINE PRODUCTS (Cont.)

SIC 3452—BOLTS, NUTS, RIVETS, AND WASHERS

SIC 3452—BOLTS, NUTS, RIVETS, AND WASHERS (Con.)

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.6	4.7	4.1	4.1	4.3	4.2	4.5	5.0	4.2	4.7	5.1	4.9	5.0	4.4
1978	4.8	4.7	4.6	4.9	4.7	4.7	4.5	5.0	4.5	5.4	5.6	5.4	4.9	4.9
1979	4.4	4.6	4.4	4.5	4.6	4.6	4.6	5.0	3.8	4.2	4.4	4.4	4.4	4.0
1980	3.6	3.8	3.9	3.9	3.8	3.8	3.1	3.6	3.3	3.7	3.8	3.1	3.9	4.1
1981	3.5	3.5	3.6	3.6	3.6	3.3	3.3	3.7	3.3	3.6	3.8	3.3	3.3	3.3
1982	3.3	3.3	3.3	3.3										

SIC 346—METAL FORGINGS AND STAMPINGS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	261.3	262.9	263.4	266.2	269.6	267.5	264.9	247.5	255.4	260.7	262.3	264.1	265.1	264.8
1978	284.1	283.7	284.1	284.7	286.3	284.0	286.9	282.5	292.1	296.1	298.5	302.1	304.2	304.6
1979	304.6	303.7	303.7	303.3	309.4	308.6	312.6	313.5	296.6	299.7	302.0	302.6	297.6	298.6
1980	294.9	295.4	296.1	296.1	295.8	279.2	260.7	258.8	236.0	245.2	254.5	260.1	245.6	253.5
1981	260.5	259.4	264.4	263.0	260.4	264.2	264.3	266.7	264.0	264.7	263.4	266.3	264.6	258.7
1982	255.1	257.1	256.8	256.1										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	54.4	54.8	55.0	55.3	54.3	54.5	54.5	53.6	56.4	57.4	57.3	57.2	57.2	57.1
1978	57.4	57.3	57.4	57.5	56.8	56.9	56.2	55.7	56.4	56.6	56.8	56.4	56.6	56.1
1979	56.4	56.3	56.3	56.3	56.8	56.8	56.2	56.6	56.9	57.3	57.7	56.9	56.1	55.9
1980	55.4	55.7	55.9	55.9	56.3	56.3	56.8	56.2	56.6	56.9	57.3	57.1	54.5	53.6
1981	52.6	52.8	53.1	53.2	54.7	53.5	49.7	48.4	47.0	50.4	52.1	53.6	52.7	50.1
1982	47.4	47.9	47.5	46.7	51.9	54.1	54.6	55.1	52.3	52.5	54.5	52.7	50.1	47.4

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	187.5	189.6	190.4	192.5	233.1	230.5	228.4	196.5	208.8	211.1	209.0	244.4	246.5	245.6
1978	196.2	196.8	194.1	191.9	242.6	247.0	249.1	245.0	233.3	232.9	242.7	253.9	255.6	256.2
1979	195.6	195.0	193.1	191.5	249.5	249.3	253.6	253.8	237.0	238.0	242.9	243.6	238.2	239.6
1980	196.2	196.1	194.1	193.6	229.0	217.7	203.6	202.5	180.6	186.1	198.4	203.6	209.2	207.5
1981	202.2	201.1	199.4	198.4	206.5	209.4	211.9	212.1	200.5	201.0	208.8	202.9	196.1	196.0
1982	194.1	194.4	193.0											

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	169.79	167.47	164.37	173.06	173.36	180.14	192.30	179.41	181.25	194.00	200.64	200.46	203.74	203.74
1978	177.03	169.76	165.60	181.85	177.79	179.44	196.17	184.38	183.46	197.01	210.54	208.95	208.54	208.54
1979	191.94	185.43	178.88	185.02	188.84	195.18	209.82	214.79	213.13	214.80	221.57	216.41	214.64	214.64
1980	194.93	190.00	176.90	181.43	183.17	174.62	184.00	179.65	157.85	167.82	175.09	180.33	182.84	182.84
1981	182.76	171.40	167.33	166.14	183.52	195.30	203.37	177.06	180.10					
1982		173.64	167.40											

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	6.87	6.67	6.56	6.66	6.70	6.79	6.93	6.97	6.81	7.00	7.11	7.12	7.16	7.16
1978	7.41	7.30	7.08	7.23	7.33	7.35	7.32	7.37	7.33	7.53	7.65	7.74	7.80	7.80
1979	7.81	7.75	7.63	7.82	7.93	7.89	8.02	7.90	7.77	7.87	7.94	7.93	8.03	8.03
1980	8.04	8.00	8.17	8.39	8.35	8.26	8.60	8.54	8.50	8.73	8.97	9.04	9.16	9.16
1981	9.05	9.04	9.06	9.23	9.40	9.53	9.65	9.45	9.44	9.52	9.56	9.57	9.62	9.62
1982		9.57	9.66											

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	41.6	41.1	40.1	41.0	40.6	41.7	42.9	40.7	41.3	41.4	42.0	42.2	42.2	43.4
1978	42.1	41.6	40.6	41.2	41.4	42.1	42.1	41.3	41.4	42.1	41.9	42.5	42.4	44.4
1979	40.7	41.8	41.8	42.3	37.3	41.6	41.0	40.1	40.3	42.0	40.5	39.9	41.6	42.3
1980	42.3	42.0	42.0	40.6	39.9	39.3	40.0	38.6	39.7	40.3	41.1	39.7	39.5	39.4
1981	42.4	41.6	42.1	41.2	42.8	41.5	41.8	39.9	40.5	39.4	39.7	39.5	39.4	39.4
1982		41.5	39.4											

SIC 346—METAL FORGINGS AND STAMPINGS (Con.)

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.5	4.3	3.5	4.1	4.3	4.5	5.0	4.4	4.2	5.0	5.1	4.9	5.0	4.6
1978	4.7	4.5	3.6	4.6	5.0	4.9	4.6	5.0	4.5	5.6	5.8	5.6	5.2	5.0
1979	4.6	4.4	4.7	4.9	5.2	4.5	4.3	5.2	3.7	4.3	4.8	4.6	4.2	4.2
1980	3.6	3.9	3.5	3.6	3.6	3.9	4.2	4.1	3.3	3.7	3.9	3.3	3.6	3.8
1981	3.5	3.6	3.7	3.7	3.6	3.6	3.7	3.7	3.6	3.6	3.7	3.7	3.7	3.7
1982	3.7	3.7	3.7											

SIC 3462—IRON AND STEEL FORGINGS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	49.1	50.7	49.6	49.6	49.3	48.4	49.2	49.2	49.2	49.5	49.8	50.3	50.4	50.4
1978	51.4	50.1	49.8	49.8	50.2	50.2	50.2	47.8	47.7	52.1	54.4	55.0	56.1	56.8
1979	56.8	57.0	57.3	58.0	58.3	58.2	57.8	55.6	53.4	55.8	55.0	55.0	53.5	52.1
1980	48.1	48.1	48.6	49.0	49.0	48.3	45.0	45.3	44.4	44.2	43.6	45.0	43.6	42.7
1981	41.8	41.9	42.1											
1982														

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.6	3.6	3.5	3.5	3.5	3.6	3.7	3.7	3.6	3.6	3.7	3.7	3.7	3.7
1978	3.7	3.7	3.7	3.7	3.8	3.9	3.6	3.7	3.5	3.5	3.5	3.5	3.6	3.5
1979	3.6	3.5	3.5	3.6	3.7	3.7	3.7	3.7	3.5	3.5	3.5	3.5	3.6	3.6
1980	3.5	3.5	3.5	3.5	3.6	3.6	3.6	3.6	3.5	3.5	3.5	3.5	3.5	3.5
1981	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
1982	3.4	3.4	3.4											

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	39.5	40.6	38.7	38.8	39.0	38.7	39.5	39.0	38.5	39.4	40.1	40.6	40.4	40.4
1978	41.3	40.3	39.6	39.4	40.4	40.3	38.2	38.0	41.7	43.4	44.0	44.8	45.5	45.5
1979	44.3	45.1	45.8	46.4	46.8	46.5	45.9	43.5	41.6	43.5	43.3	41.8	40.7	40.7
1980	35.1	39.5	39.2	38.4	38.1	39.1	39.1	34.6	34.1	33.9	35.2	33.9	33.1	32.3
1981	34.1	33.9	34.7	34.9	35.0	35.1	34.6	34.1	33.9					
1982		33.4	33.7											

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	305.11	314.71	301.90	305.67	301.76	297.34	304.66	290.25	306.17	320.61	326.04	329.22	350.47	350.47
1978	340.47	334.75	329.92	329.92	335.43	336.23	337.08	326.92	330.77	333.45	340.45	350.63	357.70	375.75
1979	338.64	334.25	339.13	339.45	344.96	346.66	324.23	336.34	322.34	322.34	334.60	346.98	336.14	357.14
1980	368.02	356.98	360.60	365.71	368.52	351.78	368.05	343.29	352.59	367.54	376.32	377.85	387.55	397.55
1981	414.71	393.60	414.45	414.19	398.80	432.69	413.11	393.57	404.92	390.67	402.51	415.90	422.50	
1982		422.62	428.80											

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	7.46	7.11	7.04	7.17	7.18	7.26	7.41	7.30	7.47	7.67	7.80	7.82	8.02	8.02
1978	8.01	7.96	7.85	7.90	7.93	7.95	7.90	7.85	7.85	7.85	7.85	7.85	7.85	8.25
1979	8.52	8.35	8.47	8.58	8.19	8.51	8.58	8.55	8.39	8.58	8.74	8.62	8.64	8.64
1980	9.27	9.08	8.99	9.12	9.19	9.02	9.50	9.13	9.14	9.43	9.60	9.59	9.72	9.72
1981	10.04	9.84	9.85	9.98	9.97	10.06	10.15	10.04	10.12	10.10	10.19	10.37	10.33	10.33
1982		10.35	10.47											

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	40.9	39.2	40.1	40.4	39.6	40.4	41.2	38.8	41.0	41.6	41.8	42.1	43.7	43.7
1978	42.4	41.3	41.9	41.7	42.4	42.4	41.9	41.6	41.9	42.5	42.4	43.2	45.0	45.0
1979	39.7	42.7	42.4	43.1	39.0	39.1	39.2	37.7	38.3	39.0	39.7	39.0	40.4	40.4
1980	39.7	40.2	40.1	40.1	40.1	40.1	39.0	41.9	37.6	38.3	39.1	39.2	39.4	40.9
1981	40.1	40.0	39.6	40.5	40.0	41.9	40.7	39.2	40.2	38.7	39.5	40.3	40.9	40.9
1982		39.9	40.0											

See footnotes at end of tables.

SIC 3462

Year | Ann Avg | Jan | Feb | Mar | Apr | May | June | July | Aug | Sept | Oct | Nov | Dec

SIC 3462—IRON AND STEEL FORGINGS (Con.)

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

SIC 3465—AUTOMOTIVE STAMPINGS

ALL EMPLOYEES—IN THOUSANDS

WOMEN EMPLOYEES—IN THOUSANDS

PRODUCTION WORKERS—IN THOUSANDS

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

PRODUCTION WORKER AVERAGE WEEKLY HOURS

SIC 3465—AUTOMOTIVE STAMPINGS (Con.)

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

SIC 3469—METAL STAMPINGS, NEC

ALL EMPLOYEES—IN THOUSANDS

WOMEN EMPLOYEES—IN THOUSANDS

PRODUCTION WORKERS—IN THOUSANDS

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

PRODUCTION WORKER AVERAGE WEEKLY HOURS

See footnotes at end of tables.

SIC 3469—METAL STAMPINGS, NEC (Con.)

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.1	3.3	3.0	2.9	2.7	2.7	2.9	2.5	2.8	3.5	3.3	3.4	3.8
1978	3.5	3.2	3.6	3.6	3.5	3.4	3.6	3.2	3.3	3.7	3.7	3.7	3.8
1979	3.5	3.5	3.7	3.9	3.0	3.4	3.6	3.0	3.4	3.7	3.7	3.8	3.7
1980	2.8	3.1	3.2	3.3	2.8	2.4	2.4	2.1	2.4	2.7	2.9	2.9	3.2
1981	2.4	2.4	2.5	2.6	2.1	2.6	2.8	2.3	2.5	2.3	2.3	2.2	2.3
1982		1.8	1.8										

SIC 347—METAL SERVICES, NEC

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	95.1	91.6	91.8	92.9	93.4	95.1	95.7	94.4	95.7	96.0	97.8	98.9	98.4
1978	103.1	98.7	100.0	101.4	102.0	102.6	104.3	102.2	103.3	104.3	105.8	106.2	106.6
1979	106.1	106.2	107.1	107.6	107.6	107.9	108.7	106.0	105.9	105.7	105.7	106.1	105.4
1980	101.4	104.4	104.1	104.9	104.2	101.3	99.3	96.5	99.0	99.7	100.5	101.2	101.3
1981	101.6	99.5	99.9	100.6	101.5	101.6	103.0	102.5	102.8	103.7	103.0	102.1	98.5
1982		97.0	96.9										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	23.1	22.0	22.4	22.7	23.0	23.4	23.4	22.6	23.1	23.7	23.9	24.6	24.5
1978	25.7	24.6	24.7	25.1	25.6	25.7	26.6	25.1	25.8	25.8	26.3	26.6	26.4
1979	26.0	26.2	26.0	26.4	26.4	26.4	26.6	25.5	25.3	25.8	25.8	25.8	25.6
1980	24.3	25.3	25.3	25.5	25.2	24.3	23.7	22.8	23.5	23.9	24.2	24.1	23.8
1981	23.9	23.7	23.7	23.8	24.1	23.9	24.1	24.1	24.1	24.5	24.6	24.2	22.6
1982		22.5	22.4										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	77.6	74.2	74.3	75.6	76.0	77.5	77.8	77.9	79.1	79.4	80.5	81.5	80.7
1978	85.0	81.1	82.3	83.6	84.2	84.7	86.4	84.0	85.0	85.6	87.2	87.5	87.9
1979	87.3	87.2	88.1	88.3	88.1	89.2	89.6	86.7	86.2	86.2	86.6	86.6	85.7
1980	82.8	84.7	84.5	85.3	84.7	82.5	79.8	77.3	79.7	80.1	80.8	81.3	81.4
1981	81.6	80.1	80.5	81.1	81.8	81.8	83.1	82.5	82.7	83.5	82.7	82.1	79.6
1982		77.5	77.2										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	148.85	138.61	139.91	143.90	145.21	144.97	147.07	141.23	146.49	150.20	153.09	152.79	154.51
1978	157.66	147.90	150.38	153.17	153.92	156.35	155.23	148.49	155.60	157.14	160.37	162.34	163.98
1979	151.82	154.28	154.37	157.37	153.17	151.53	153.95	143.58	150.95	153.04	156.80	158.01	155.33
1980	143.40	150.44	154.37	159.09	156.94	139.19	139.79	131.20	142.86	149.65	150.08	153.79	153.13
1981	162.11	157.45	160.44	162.75	240.75	258.71	264.31	264.31	262.35	261.35	261.10	263.21	262.64
1982		154.44	154.93										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.51	4.79	4.81	4.82	4.85	4.89	4.92	4.90	4.98	4.99	4.97	5.01	4.95
1978	4.74	4.71	4.96	5.06	5.07	5.08	5.11	5.14	5.14	5.22	5.23	5.27	5.31
1979	5.14	5.38	5.39	5.43	5.41	5.47	5.46	5.51	5.49	5.57	5.67	5.69	5.75
1980	5.20	5.40	5.43	5.46	5.49	5.49	5.46	5.03	5.08	5.09	5.07	5.16	5.31
1981	5.53	5.31	5.43	5.44	6.42	6.51	6.51	6.51	6.55	6.61	6.63	6.70	6.80
1982		6.90	6.95										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	40.5	39.5	40.4	41.5	40.2	40.3	40.9	40.1	40.2	40.7	40.8	40.9	41.2
1978	40.4	39.5	39.6	40.3	40.3	40.4	40.6	40.3	40.3	40.3	40.6	40.6	41.1
1979	40.4	40.2	40.1	41.1	39.1	40.2	40.8	40.1	39.9	40.0	40.6	40.6	40.9
1980	40.6	39.9	40.2	40.6	40.3	40.2	40.3	40.0	40.7	41.0	41.2	41.2	41.7
1981	40.2	40.4	40.7	41.6	40.3	40.6	40.6	40.3	39.9	39.5	39.7	39.2	39.4
1982		37.6	38.6										

See footnotes at end of table.

SIC 347—METAL SERVICES, NEC (Con.)

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.7	3.3	3.6	3.5	3.3	3.6	3.8	3.4	3.6	4.1	4.1	3.9	4.2
1978	3.9	3.6	3.8	3.9	3.9	3.8	4.1	3.7	3.7	4.0	4.0	3.9	4.2
1979	3.6	3.5	3.7	3.8	2.8	3.6	3.7	3.3	3.6	3.7	3.8	3.8	3.9
1980	3.0	3.3	3.5	3.8	3.4	3.2	3.0	3.0	3.0	3.0	2.3	2.6	2.9
1981	2.6	2.5	2.5	2.6	2.4	2.8	2.8	2.9	2.7	2.6	2.6	2.4	2.5
1982		2.0	2.1										

SIC 3471—PLATING AND POLISHING

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	65.3	63.1	63.2	64.0	64.2	65.0	65.9	64.7	65.5	65.6	66.9	67.8	67.9
1978	70.8	67.8	68.9	69.5	69.8	70.5	71.7	69.9	70.9	71.2	72.5	73.1	73.3
1979	73.1	73.1	73.3	73.6	74.2	74.4	74.6	72.3	72.3	72.1	72.4	73.0	72.4
1980	69.3	71.8	71.3	71.8	71.0	69.3	67.9	65.9	67.3	68.2	68.6	69.1	69.6
1981	69.3	68.2	68.4	69.0	69.6	69.6	70.1	69.7	70.4	70.8	70.2	69.5	66.3
1982		65.4	65.8										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	17.2	16.3	16.5	16.7	17.0	17.3	17.4	16.7	17.1	17.5	17.5	18.0	17.8
1978	18.2	17.8	17.9	17.9	18.2	18.2	19.0	17.6	18.2	18.1	18.5	18.7	18.5
1979	18.0	18.1	18.0	18.3	18.2	18.3	18.3	17.5	17.6	17.9	18.0	18.0	17.8
1980	17.0	17.6	17.4	17.5	17.3	17.0	16.8	15.9	16.5	16.8	17.0	17.1	17.0
1981	17.3	16.9	16.7	17.0	17.3	17.2	17.3	17.3	17.6	17.9	17.9	17.7	16.4
1982		16.1	16.3										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	54.3	52.0	52.2	53.1	53.3	54.2	54.9	53.8	54.6	54.8	55.6	56.5	56.4
1978	59.1	56.5	57.5	58	58.4	59.0	60.1	58.3	59.1	59.3	60.6	61.1	61.3
1979	60.5	60.7	60.8	60.9	61.5	61.6	61.8	59.7	59.9	59.5	59.7	60.3	59.5
1980	56.5	58.8	58.4	58.8	58.1	56.3	55.1	53.4	54.7	55.4	55.8	56.2	56.8
1981	56.7	55.5	55.7	56.2	56.9	57.0	57.4	57.0	57.7	58.0	57.4	57.1	53.9
1982		53.1	53.1										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	186.06	176.61	181.60	181.55	181.03	183.14	187.05	181.37	185.72	189.34	191.29	192.78	195.23
1978	199.39	190.39	196.61	196.18	198.13	197.96	201.14	196.91	197.60	202.61	203.52	205.23	210.23
1979	215.30	207.36	210.77	217.01	205.00	212.40	215.61	212.51	213.94	217.25	221.35	222.31	228.48
1980	233.44	224.19	228.97	231.09	229.25	230.10	227.94	226.94	235.03	237.41	239.19	242.20	253.53
1981	256.61	247.95	252.97	255.04	250.98	254.63	255.27	254.87	256.36	256.62	263.61	261.19	266.34
1982		259.99	263.93										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.64	4.54	4.54	4.55	4.56	4.59	4.63	4.58	4.69	4.71	4.70	4.76	4.75
1978	4.96	4.82	4.85	4.88	4.88	4.90	4.93	4.86	4.94	5.04	5.05	5.08	5.14
1979	5.39	5.21	5.23	5.28	5.27	5.31	5.35	5.38	5.43	5.50	5.52	5.53	5.60
1980	5.68	5.69	5.71	5.72	5.76	5.84	5.80	5.91	5.95	5.98	5.95	6.04	6.26
1981	6.46	6.23	6.34	6.36	6.37	6.43	6.43	6.42	6.49	6.58	6.64	6.68	6.76
1982		6.86	6.82										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	40.1	38.9	40.0	39.9	39.7	39.9	40.4	39.6	39.6	40.2	40.7	40.5	41.1
1978	40.2	39.5	39.3	40.2	40.6	40.4	40.8	39.7	40.0	40.2	40.3	40.4	40.9
1979	40.0	39.8	40.3	41.1	38.9	40.0	40.3	39.5	39.4	39.5	40.1	40.2	40.8
1980	39.7	39.4	40.1	40.4	39.8	39.4	39.3	38.4	39.5	39.7	40.2	40.1	40.5
1981	39.6	39.6	39.9	40.1	39.4	39.6	39.7	39.7	39.5	39.0	39.7	39.1	39.4
1982		37.9	38.7										

SIC 3471—PLATING AND POLISHING (Con.)

SIC 3479—METAL COATING AND ALLIED SERVICES

SIC 3479—METAL COATING AND ALLIED SERVICES (Con.)

SIC 348—ORDNANCE AND ACCESSORIES, NEC

SIC 348—ORDNANCE AND ACCESSORIES, NEC (Con.)

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	2.5	2.6	2.4	2.4	2.5	2.2	2.3	2.4	2.4	2.6	2.6	2.5	3.3
1978	3.0	2.6	3.4	3.2	3.0	2.6	3.3	2.8	3.2	3.6	2.9	2.7	3.1
1979	2.7	2.7	2.5	2.6	2.9	2.6	2.7	2.5	2.7	3.2	3.0	3.0	3.2
1980	2.8	2.7	2.6	2.8	2.5	2.8	2.7	2.3	2.6	2.9	3.1	3.2	3.2
1981	2.7	3.2	3.1	2.9	2.7	2.7	2.7	2.1	2.5	2.7	2.7	2.6	2.8
1982		2.9	2.5										

SIC 3483—AMMUNITION, EXC. FOR SMALL ARMS, NEC

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	24.5	23.5	23.2	23.2	23.6	23.9	24.7	25.2	25.1	25.2	24.9	25.5	25.6
1978	26.6	25.8	26.1	26.2	26.3	26.4	26.8	27.3	27.2	27.1	27.3	27.6	27.8
1979	27.3	27.9	28.0	28.1	27.9	27.7	27.7	27.2	27.3	26.9	26.6	26.5	26.1
1980	25.4	26.3	25.2	24.5	24.6	24.6	24.7	25.1	25.4	25.6	26.0	26.4	26.5
1981	26.6	26.6	26.6	26.6	26.6	26.6	26.7	26.4	26.7	26.2	26.6	26.9	26.9
1982		26.9	26.9										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	17.5	16.9	16.6	16.6	16.9	17.1	17.8	18.2	18.0	18.0	17.6	18.2	18.3
1978	19.9	18.4	18.6	18.6	18.7	18.5	18.9	19.3	19.2	18.9	19.1	19.3	19.4
1979	19.9	19.6	19.6	19.6	19.5	19.3	19.2	19.2	19.3	18.8	18.5	18.3	17.9
1980	17.3	17.6	17.1	16.6	16.7	16.6	16.7	17.1	17.3	17.5	17.9	18.1	18.4
1981	17.3	18.4	17.9	17.7	17.5	17.4	17.5	17.0	17.1	16.4	16.5	17.2	17.0
1982		17.2	17.3										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	215.20	206.52	206.44	209.41	213.42	218.94	219.10	211.23	212.46	216.28	219.64	218.44	229.77
1978	234.64	209.99	212.95	223.76	224.16	227.25	227.08	217.17	222.34	225.81	231.00	232.46	243.97
1979	243.16	238.51	241.52	243.61	243.58	244.09	244.20	244.10	248.96	256.40	254.08	267.15	266.18
1980	273.20	264.86	264.55	262.80	268.94	269.95	272.25	263.58	274.22	279.10	276.71	285.12	288.05
1981	294.32	283.01	281.30	282.10	290.27	295.07	294.08	280.48	290.97	294.90	305.37	311.65	319.50
1982		301.50	319.60										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.34	5.15	5.11	5.12	5.18	5.34	5.37	5.43	5.42	5.38	5.45	5.53	5.51
1978	5.76	5.57	5.56	5.58	5.59	5.71	5.72	5.73	5.79	5.85	6.00	6.08	6.13
1979	6.34	6.10	6.13	6.06	6.41	6.34	6.31	6.39	6.40	6.41	6.40	6.58	6.54
1980	6.83	6.62	6.55	6.57	6.69	6.80	6.91	6.90	6.89	6.96	6.97	7.04	7.06
1981	7.47	7.04	7.05	7.16	7.33	7.47	7.56	7.42	7.46	7.64	7.81	7.87	7.85
1982		8.04	8.01										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	40.1	40.1	40.4	40.9	41.2	41.0	40.8	38.9	39.2	40.2	40.3	39.5	41.7
1978	39.9	37.7	38.3	40.1	40.1	39.8	39.7	37.9	38.4	38.6	38.5	38.3	39.8
1979	39.1	39.1	39.4	40.2	38.0	38.5	38.7	38.2	38.9	40.0	39.7	40.6	40.7
1980	40.0	40.0	41.0	40.0	40.2	39.7	39.4	38.2	39.6	40.1	39.7	40.5	40.8
1981	39.4	40.2	39.9	39.4	39.6	39.5	38.9	37.8	38.9	38.6	39.1	39.6	40.7
1982		37.5	39.9										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	1.8	2.0	1.8	1.5	1.1	1.4	1.6	1.6	1.6	1.9	2.0	2.0	2.9
1978	1.4	2.2	2.6	2.4	2.1	1.8	2.0	1.6	1.6	1.5	1.6	1.4	1.9
1979	1.8	1.7	1.7	1.7	1.5	1.5	1.5	1.4	1.5	2.1	2.2	2.0	2.2
1980	1.9	1.7	1.9	1.5	1.5	1.5	1.8	1.4	1.9	2.1	2.3	2.3	2.4
1981	2.0	2.4	2.1	1.9	1.9	1.7	1.8	1.1	2.0	1.9	2.5	2.3	1.9
1982		2.3	2.2										

SIC 349—MISC. FABRICATED METAL PRODUCTS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	240.8	233.1	232.3	235.4	239.9	238.8	245.0	241.6	243.0	242.9	246.0	247.1	248.6
1978	253.1	248.6	250.5	251.1	251.6	252.9	256.6	250.7	251.4	253.7	255.1	256.0	259.3
1979	263.1	260.6	262.7	264.1	264.1	262.8	266.1	260.5	263.1	263.6	265.6	265.7	265.1
1980	253.6	245.1	245.6	246.1	246.5	255.5	250.4	244.2	245.6	247.2	246.3	247.0	248.1
1981	251.5	247.7	248.6	250.2	250.7	252.3	254.8	252.7	254.4	256.7	253.1	250.3	248.6
1982		243.7	243.8										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	52.6	50.4	50.4	51.6	53.7	52.2	53.9	52.7	53.4	53.6	54.1	54.4	54.6
1978	57.1	54.5	55.2	55.8	56.4	56.9	57.6	56.7	57.1	58.3	59.3	59.3	59.9
1979	61.6	59.6	59.9	60.4	61.8	62.7	63.3	61.4	61.3	62.6	63.0	63.1	62.9
1980	59.8	63.3	63.0	63.4	62.5	60.4	58.9	56.6	56.7	57.7	57.9	58.7	58.4
1981	59.8	58.0	58.5	59.0	59.5	60.0	60.8	60.0	61.0	61.5	60.9	60.0	58.8
1982		57.5	58.0										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	176.8	171.4	170.6	172.6	172.9	175.8	180.5	175.7	178.3	177.4	180.7	181.5	183.1
1978	187.2	183.5	185.1	185.5	186.2	187.5	190.7	184.4	184.8	187.6	189.4	189.3	192.5
1979	196.2	193.3	195.1	196.5	197.3	195.4	198.0	193.3	195.5	196.3	197.7	197.5	196.8
1980	186.5	180.2	179.6	183.6	183.7	195.0	186.7	183.6	177.4	178.1	180.6	180.2	180.8	181.5
1981	184.4	182.3	183.1	184.5	184.4	186.0	187.4	184.9	185.5	188.5	184.5	182.0	178.6
1982		175.7	175.7										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	226.70	212.75	220.32	220.73	219.23	223.44	228.78	223.04	225.92	229.39	232.40	237.31	243.02
1978	246.63	234.99	238.17	242.26	242.35	242.17	246.60	241.60	245.22	249.90	251.94	256.27	264.39
1979	263.57	258.32	260.38	262.06	262.11	259.90	264.50	260.18	261.63	267.65	268.77	275.47	284.34
1980	283.41	277.43	277.85	277.70	276.56	276.40	279.70	272.64	282.43	287.36	289.67	296.67	306.77
1981	308.43	299.09	298.45	305.25	298.45	308.21	310.27	301.86	308.50	308.90	316.01	316.79	325.60
1982		309.26	318.27										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.57	5.36	5.40	5.41	5.44	5.49	5.58	5.59	5.62	5.65	5.71	5.76	5.80
1978	6.03	5.86	5.91	5.88	5.94	5.95	6.00	6.03	6.04	6.11	6.16	6.19	6.28
1979	6.46	6.27	6.32	6.33	6.24	6.37	6.42	6.44	6.46	6.56	6.62	6.67	6.77
1980	7.05	6.75	6.81	6.84	6.88	6.96	7.01	7.10	7.15	7.22	7.26	7.33	7.41
1981	7.73	7.44	7.48	7.50	7.48	7.61	7.68	7.74	7.81	7.88	7.94	8.02	8.14
1982		8.16	8.14										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	40.7	39.7	40.8	40.8	40.3	40.7	41.0	39.9	40.2	40.6	40.7	41.2	41.9
1978	40.9	40.1	40.3	41.2	40.8	40.7	41.1	40.1	40.6	40.9	40.9	41.4	42.1
1979	40.8	41.2	41.2	41.4	38.8	40.8	41.2	40.4	40.5	40.8	40.6	41.3	42.0
1980	40.2	41.1	40.8	40.6	40.2	40.0	39.9	38.4	39.5	39.8	39.9	40.5	41.4
1981	39.9	40.2	39.9	40.7	39.9	40.5	40.4	39.0	39.5	39.2	39.8	39.5	40.0
1982		37.9	39.1										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.1	2.7	3.0	2.9	2.9	2.9	3.2	2.8	3.0	3.3	3.2	3.1	3.7
1978	3.4	3.2	3.5	3.4	3.2	3.1	3.3	3.0	3.2	3.6	3.6	3.7	4.1
1979	3.2	3.6	3.6	3.5	2.9	3.3	3.5	3.0	3.0	3.4	3.3	3.3	3.6
1980	2.5	3.0	2.9	2.9	2.5	2.4	2.2	1.8	2.1	2.4	2.4	2.7	3.1
1981	2.6	2.6	2.6	2.8	2.3	2.8	2.9	2.5	2.7	2.6	2.7	2.4	2.6
1982		2.1	2.0										

See footnotes at end of tables.

SIC 3494—VALVES AND PIPE FITTINGS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	96.2	93.1	93.6	93.6	93.0	95.4	97.8	97.0	98.1	97.0	97.7	99.1	99.3
1978	101.0	99.6	99.6	100.7	100.4	100.4	102.3	101.0	100.3	101.1	101.0	101.9	103.9
1979	105.9	104.6	105.0	106.1	106.5	105.0	105.9	105.1	105.6	106.4	106.5	106.9	106.9
1980	103.6	103.4	103.8	104.3	103.7	104.4	103.5	101.1	100.9	101.2	100.4	101.0	102.0
1981	104.1	102.6	103.3	103.5	104.4	104.4	105.7	105.1	104.6	104.7	103.7	103.6	103.4
1982		103.1	102.6										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	19.4	18.4	18.7	19.0	19.1	19.4	20.1	19.7	20.1	19.6	19.6	19.7	19.8
1978	20.9	20.0	20.0	20.3	20.5	20.7	20.9	20.4	21.0	21.4	21.3	21.7	22.0
1979	23.6	23.4	23.6	23.6	23.7	23.6	24.0	23.6	23.7	24.0	23.9	24.1	23.9
1980	23.1	23.7	24.1	24.1	24.4	23.6	23.3	22.4	21.9	21.8	21.7	22.1	22.7
1981	23.0	22.3	22.5	22.7	23.1	23.1	23.4	23.0	23.6	23.4	23.1	23.1	22.9
1982		23.0	22.7										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	64.8	62.8	63.1	63.2	62.5	64.5	66.3	65.3	66.7	65.0	65.9	66.6	67.1
1978	68.5	68.0	68.1	68.4	68.9	68.9	70.0	68.9	68.1	68.8	68.6	69.2	71.2
1979	73.5	72.0	72.7	73.1	73.9	73.2	73.8	72.7	73.0	74.1	73.9	73.9	73.7
1980	71.2	71.2	74.2	75.0	74.2	72.5	71.0	69.0	68.2	68.1	68.1	68.8	69.6
1981	71.0	70.4	70.9	71.3	73.0	72.3	72.6	71.3	71.0	71.2	70.1	70.1	70.0
1982		69.4	69.0										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	186.20	178.82	177.54	178.17	178.33	179.95	184.27	182.94	184.50	182.98	186.29	192.01	194.18
1978	196.84	194.54	192.96	193.48	196.23	195.67	199.66	192.76	193.94	195.13	199.17	198.38	199.18
1979	210.94	206.64	208.47	209.58	210.65	208.47	210.65	205.15	206.74	206.24	205.22	206.03	206.59
1980	202.88	195.68	196.23	195.42	194.79	199.06	198.89	191.34	194.41	194.06	192.78	198.48	204.23
1981	210.88	203.50	202.34	204.72	203.97	204.12	209.77	205.16	207.58	207.44	204.84	202.85	203.77
1982		204.24	199.45										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.84	4.71	4.70	4.70	4.75	4.80	4.90	4.82	4.82	4.80	4.82	4.87	4.86
1978	5.06	5.00	4.97	4.97	5.01	5.04	5.09	4.96	4.98	4.98	5.04	5.04	5.04
1979	5.39	5.30	5.27	5.29	5.29	5.24	5.26	5.23	5.26	5.26	5.33	5.34	5.34
1980	5.62	5.61	5.61	5.63	5.62	5.67	5.65	5.70	5.68	5.68	5.68	5.68	5.68
1981	5.85	5.80	5.83	5.86	5.85	5.86	5.86	5.86	5.86	5.86	5.86	5.86	5.86
1982		5.86	5.83										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	41.6	40.0	41.6	41.6	41.2	41.0	41.6	41.1	41.3	41.1	41.5	41.6	41.7
1978	41.9	41.7	41.6	42.1	41.7	41.5	42.1	41.1	41.5	41.5	41.5	41.7	42.1
1979	42.0	41.7	41.7	42.1	41.9	41.7	42.1	41.5	41.6	42.0	41.9	41.9	41.8
1980	41.9	41.9	41.9	42.1	41.7	42.0	41.9	41.7	41.6	41.7	41.7	41.8	41.8
1981	41.8	41.7	41.7	41.8	41.7	41.9	41.9	41.6	41.8	41.8	41.6	41.6	41.6
1982		41.1	41.1										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.6	2.9	3.6	3.6	3.3	3.0	3.6	3.0	3.3	3.0	3.5	3.6	3.7
1978	3.9	3.7	3.6	4.1	3.6	3.5	4.1	3.0	3.4	3.4	3.5	3.7	4.1
1979	4.0	3.8	3.8	4.1	3.9	3.8	4.1	3.5	3.6	4.0	3.9	3.9	3.8
1980	3.9	3.9	3.9	4.1	3.7	4.0	3.9	3.7	3.6	3.7	3.7	3.8	3.8
1981	3.8	3.7	3.7	3.8	3.7	3.9	3.9	3.6	3.8	3.8	3.6	3.6	3.6
1982		3.1	3.1										

SIC 3496—MISC. FABRICATED WIRE PRODUCTS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	48.4	45.9	45.6	47.0	47.4	48.3	49.3	48.6	46.7	49.4	49.6	50.1	50.1
1978	52.5	50.5	51.4	51.4	51.7	52.4	52.9	50.9	52.7	53.4	53.7	54.5	54.5
1979	56.1	54.5	55.4	55.8	55.7	56.1	56.6	54.8	55.9	56.1	57.3	57.8	57.4
1980	54.6	57.4	57.8	58.0	57.0	54.9	53.3	51.5	52.7	53.0	53.2	53.0	53.0
1981	53.4	52.4	52.5	53.3	53.4	53.1	53.6	53.3	54.7	55.0	54.0	53.2	52.2
1982		51.0	51.7										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	11.3	10.6	10.7	11.0	10.9	11.2	11.5	11.2	11.5	11.7	11.7	12.0	12.1
1978	13.0	12.3	12.5	12.6	12.7	12.9	13.0	12.3	13.2	13.3	13.6	13.7	13.8
1979	14.3	13.6	13.9	14.0	14.0	14.1	14.4	14.0	14.1	14.4	14.4	14.4	14.3
1980	14.4	15.1	15.2	15.4	15.3	14.4	13.6	13.2	13.6	14.0	13.9	14.2	14.1
1981	14.2	13.7	13.9	14.0	14.1	14.2	14.3	13.9	14.4	14.7	14.6	14.4	14.2
1982		13.4	14.0										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	37.3	35.3	35.6	35.7	36.2	37.1	37.7	36.3	37.3	37.6	38.3	38.5	38.7
1978	40.4	38.5	39.6	39.4	39.6	40.4	40.8	38.6	40.4	41.2	41.7	41.9	42.1
1979	43.4	42.2	42.9	43.2	43.1	42.5	43.4	43.2	43.3	43.5	44.6	45.0	44.7
1980	42.6	45.2	45.7	45.6	44.5	42.4	41.2	39.8	41.0	41.3	41.5	41.3	41.3
1981	41.5	41.0	40.9	41.6	41.5	41.6	41.7	41.2	42.7	43.1	41.4	41.0	40.1
1982		38.6	39.5										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	187.11	181.49	180.82	181.20	183.06	185.53	200.60	196.21	187.79	196.67	200.15	208.85	210.82
1978	213.73	203.11	202.93	204.47	209.08	210.65	215.06	212.13	212.40	216.80	220.22	223.56	230.85
1979	233.04	230.11	234.63	230.77	228.37	229.75	230.85	229.71	233.51	236.44	243.84	251.40	251.32
1980	249.02	246.82	248.62	244.21	240.33	231.06	244.37	236.07	244.35	245.77	256.44	261.63	273.38
1981	266.51	261.68	258.33	267.15	262.94	264.80	275.52	264.10	264.65	264.52	267.44	264.31	275.86
1982		265.17	270.27										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.98	4.93	4.93	4.95	4.90	4.95	4.99	4.98	5.02	5.05	5.03	5.13	5.14
1978	5.19	5.13	5.13	5.17	5.24	5.24	5.31	5.33	5.42	5.48	5.51	5.54	5.56
1979	5.54	5.47	5.48	5.47	5.50	5.51	5.52	5.51	5.57	5.61	5.74	5.81	5.88
1980	5.87	5.86	5.86	5.87	5.86	5.77	5.71	5.75	5.76	5.74	5.81	5.88	6.00
1981	6.09	6.07	6.15	6.14	6.10	6.14	6.25	6.18	6.45	6.52	6.45	6.42	6.52
1982		6.56	6.55	6.67	6.72	6.77	6.74	6.80	6.84	6.90	7.08		

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	39.0	38.3	38.3	38.3	39.4	39.5	40.2	39.4	39.4	39.4	39.5	40.0	40.7
1978	40.4	39.5	40.2	40.5	39.8	40.0	40.0	40.0	40.0	40.0	40.0	40.5	41.0
1979	40.7	39.7	40.1	41.0	40.5	40.0	40.7	40.6	41.0	41.0	41.0	41.5	41.5
1980	40.1	39.6	39.8	39.8	38.7	39.5	41.0	41.0	41.2	41.2	41.2	41.7	41.7
1981	40.6	39.9	40.1	41.0	39.1	39.1	39.9	39.1	39.1	39.1	38.1	38.1	39.1
1982		37.4	38.6										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.3	2.4	3.3	3.6	3.3	3.4	3.9	3.4	3.7	3.7	3.7	3.9	3.9
1978	3.6	3.4	3.6	3.7	3.3	3.6	3.8	3.3	3.6	3.6	3.6	3.8	3.6
1979	3.6	3.3	3.5	3.7	3.3	3.5	3.7	3.3	3.5	3.6	3.6	3.7	3.6
1980	3.4	3.3	3.4	3.4	3.2	3.4	3.5	3.3	3.4	3.4	3.4	3.5	3.5
1981	3.4	3.3	3.3	3.4	3.2	3.3	3.4	3.2	3.3	3.3	3.2	3.2	3.2
1982		3.1	3.2										

See footnotes at end of tables

SIC 352—FARM AND GARDEN MACHINERY

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	167.5	167.9	168.7	169.6	168.3	171.0	170.5	167.4	163.7	166.9	165.5	165.0	165.2
1978	165.0	162.4	166.8	166.3	166.3	154.8	162.4	158.1	157.4	166.0	169.2	170.8	180.0
1979	182.3	179.0	182.3	185.4	186.7	187.1	188.7	186.8	177.6	186.8	166.0	179.0	182.5
1980	169.1	162.5	180.7	179.1	171.7	161.2	172.3	162.2	145.4	159.7	163.4	164.7	165.7
1981	156.4	166.6	162.3	164.1	162.7	157.5	156.1	154.8	149.5	154.4	151.4	149.3	146.6
1982		145.2	149.5										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	22.5	22.1	22.5	22.7	22.6	23.0	22.9	22.1	22.1	21.9	22.1	22.2	23.3
1978	24.1	23.0	23.2	23.5	24.0	23.3	23.7	23.4	23.0	24.6	25.2	25.5	25.6
1979	27.6	26.7	27.5	27.9	27.6	28.0	28.6	28.7	26.8	28.5	26.1	28.5	29.2
1980	27.0	29.5	29.7	29.0	26.0	28.5	26.2	25.2	22.9	25.0	26.3	26.7	27.0
1981	26.5	27.4	26.8	27.0	26.4	25.0	24.1	24.0	24.9	24.9	25.3	25.2	25.2
1982		25.2	25.4										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	116.1	117.2	117.7	118.9	117.7	120.0	118.9	115.4	111.1	115.4	113.8	113.4	113.7
1978	114.3	111.1	114.9	115.4	114.8	104.6	112.0	107.0	107.0	115.9	118.0	120.8	129.9
1979	129.2	129.4	130.8	132.6	133.9	133.6	133.6	131.6	122.2	132.1	113.6	127.5	130.7
1980	115.9	120.6	126.0	125.3	121.9	126.6	118.4	110.6	94.5	105.8	108.0	109.0	110.4
1981	104.6	113.8	109.0	110.8	109.9	105.3	104.8	104.1	99.0	103.3	100.3	98.8	98.5
1982		95.5	99.9										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	272.43	258.64	259.05	259.61	261.87	263.41	274.29	267.87	269.20	282.08	291.40	278.90	302.02
1978	300.54	295.63	294.99	298.57	299.38	284.12	305.24	295.89	289.04	306.75	306.32	310.84	339.91
1979	335.12	326.93	333.56	334.48	318.24	331.75	345.17	340.98	331.55	343.83	310.16	332.77	373.53
1980	352.96	332.10	332.91	337.02	336.17	337.51	347.49	357.48	338.91	381.64	373.82	376.51	394.42
1981	393.56	364.28	376.66	392.09	393.26	395.52	400.77	402.38	389.37	391.45	394.22	391.45	403.41
1982		367.54	401.17										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	6.71	6.52	6.46	6.41	6.45	6.52	6.69	6.68	6.68	6.88	7.09	6.99	7.14
1978	7.44	7.07	7.16	7.16	7.11	7.05	7.32	7.27	7.19	7.50	7.62	7.60	7.85
1979	7.96	7.73	7.83	7.87	7.80	7.88	8.16	8.08	7.97	8.09	7.51	7.98	8.47
1980	8.78	8.10	8.10	8.20	8.28	8.61	8.91	9.05	8.69	9.40	9.44	9.46	9.62
1981	9.79	9.57	9.44	9.61	9.71	9.79	9.92	9.96	9.71	9.91	9.93	9.91	10.06
1982		9.68	9.93										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	40.6	39.7	40.1	40.5	40.6	40.4	41.0	40.1	40.3	41.0	41.1	39.9	42.3
1978	41.0	40.4	41.2	41.7	40.7	40.3	41.7	40.7	40.2	40.9	40.2	40.9	43.3
1979	42.1	41.8	42.6	42.5	40.8	42.1	42.3	42.2	41.6	42.5	41.3	41.7	44.1
1980	40.2	41.0	41.1	41.1	40.6	39.2	39.0	39.5	39.0	40.6	39.6	39.8	41.0
1981	40.2	41.3	39.5	40.8	40.5	40.4	40.4	40.4	40.1	39.5	39.7	39.5	40.1
1982		37.2	40.4										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.5	4.3	4.1	4.0	3.8	3.5	3.7	3.7	4.4	4.1	5.1	2.8	3.5
1978	3.4	3.6	3.7	4.1	3.3	3.0	3.5	3.0	3.4	4.5	4.2	4.3	4.7
1979	4.6	4.6	5.4	5.5	3.4	4.6	4.8	4.3	4.0	5.3	3.6	4.3	4.5
1980	3.0	3.9	3.7	3.7	2.8	2.3	2.1	1.9	2.3	4.0	3.1	2.6	3.7
1981	3.1	3.9	3.3	3.4	3.3	3.4	3.4	3.3	3.2	3.0	2.7	1.9	2.4
1982		3.6	3.4										

SIC 3523—FARM MACHINERY AND EQUIPMENT

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	149.5	149.4	150.3	150.8	149.4	152.3	151.9	150.5	147.7	150.2	148.2	146.7	146.3
1978	145.1	142.5	146.8	145.6	145.0	134.3	142.3	139.8	139.4	146.8	149.8	150.1	158.3
1979	158.9	156.5	158.7	161.5	163.1	162.9	164.4	162.6	157.0	163.4	143.5	154.9	158.0
1980	147.4	156.6	154.5	153.4	147.2	159.2	153.1	146.2	128.3	141.2	143.0	143.2	143.4
1981	135.3	143.9	139.4	141.4	140.9	137.6	138.3	137.6	130.8	133.6	129.2	126.2	125.2
1982		120.1	124.6										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	17.7	17.6	17.7	17.6	17.6	17.8	17.7	17.6	17.9	17.7	17.7	17.4	18.2
1978	18.2	17.6	17.6	17.6	17.7	17.4	17.9	18.1	17.7	18.5	19.2	19.1	19.7
1979	21.1	20.0	20.7	21.0	20.8	21.1	21.6	21.7	21.2	21.8	19.6	21.6	22.0
1980	20.8	21.9	22.0	21.4	20.9	22.6	21.0	20.5	18.2	20.1	20.5	20.4	20.5
1981	19.2	20.6	20.0	20.1	19.8	19.4	19.3	19.2	19.0	18.7	18.6	18.1	17.8
1982		17.5	18.1										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	103.7	104.1	104.6	105.3	104.0	106.6	105.8	104.3	101.0	104.3	102.5	101.1	100.8
1978	100.5	97.3	100.9	100.8	99.8	90.3	98.1	95.1	95.4	102.9	104.9	106.4	114.4
1979	112.7	112.4	113.4	115.4	117.1	116.5	116.6	114.7	108.8	115.9	97.8	110.6	113.3
1980	100.9	111.9	109.3	107.0	104.7	112.1	106.6	101.0	83.6	93.1	93.7	93.7	94.4
1981	89.5	95.2	92.3	94.2	94.1	91.4	92.6	92.4	85.9	88.4	84.1	81.6	81.2
1982		76.4	81.0										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	278.11	265.07	264.66	263.97	266.49	269.06	279.89	273.36	273.51	288.11	298.29	284.17	309.94
1978	310.72	292.66	301.02	306.27	298.00	292.98	315.17	307.02	298.15	313.06	315.55	321.03	354.41
1979	349.32	330.01	349.59	350.88	332.47	346.80	360.39	357.36	341.01	356.87	319.77	346.86	393.30
1980	367.02	346.10	346.11	351.52	349.73	350.55	358.93	368.40	350.46	397.44	390.40	394.36	416.42
1981	410.87	415.58	396.37	412.64	411.68	413.31	413.91	413.91	403.81	408.75	411.77	409.22	425.17
1982		389.44	419.12										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	6.85	6.66	6.60	6.55	6.58	6.66	6.86	6.80	6.77	7.01	7.24	7.14	7.31
1978	7.56	7.28	7.36	7.38	7.34	7.27	7.54	7.47	7.38	7.72	7.83	7.83	8.11
1979	8.20	8.01	8.13	8.16	8.05	8.16	8.44	8.33	8.10	8.28	7.65	8.20	8.74
1980	9.04	8.36	8.34	8.45	8.53	8.83	9.11	9.21	8.85	9.67	9.76	9.81	10.01
1981	10.17	9.99	9.86	10.04	10.14	10.18	10.22	10.22	10.02	10.27	10.32	10.36	10.55
1982		10.33	10.40										

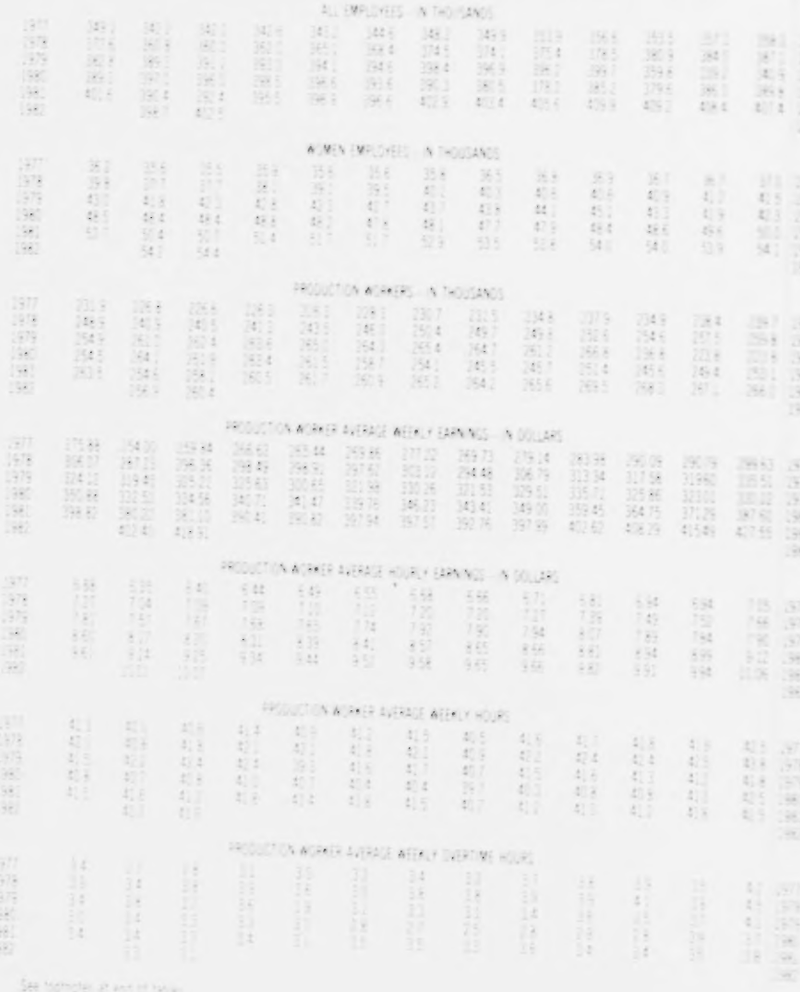
PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	40.6	39.8	40.1	40.3	40.5	40.4	40.8	40.2	40.4	41.1	41.2	39.8	42.4
1978	41.1	40.2	40.9	41.5	40.6	40.3	41.8	41.1	40.4	41.2	40.3	41.0	43.7
1979	42.6	41.2	43.0	43.0	41.3	42.5	42.7	42.9	42.1	43.1	41.8	42.3	45.0
1980	40.6	41.4	41.5	41.6	41.0	39.7	39.4	40.0	39.6	41.1	40.0	40.2	41.6
1981	40.4	41.6	40.2	41.1	40.6	40.6	40.5	40.5	40.3	39.8	39.9	39.5	40.3
1982		37.7	40.3										

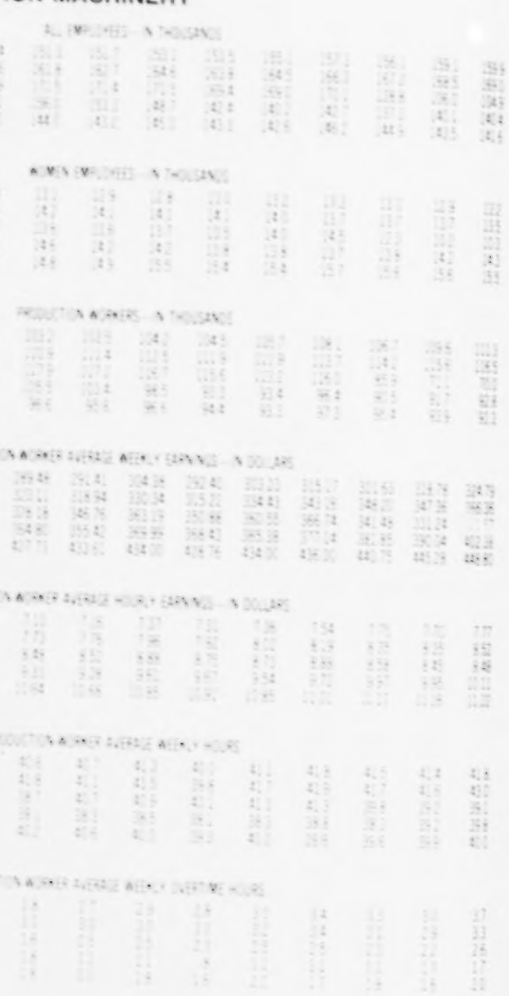
PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.1	4.5	4.4	4.1	4.0	3.6	3.8	3.9	4.7	4.4	5.4	2.9	3.5
1978	3.9	3.6	3.7	4.0	3.2	3.0	3.5	3.1	3.5	4.8	4.4	4.4	4.9
1979	4.9	5.0	6.2	5.7	3.7	5.2	5.2	4.7	4.3	5.7	3.7	4.6	4.9
1980	3.3	4.1	3.9	4.0	3.0	2.5	2.3	2.0	2.6	4.4	3.4	3.1	4.2
1981	3.4	4.3	3.6	3.8	3.6	3.7	3.7	3.7	3.6	3.4	3.0	2.1	2.5
1982		1.8	2.3										

SIC 353—CONSTRUCTION AND RELATED MACHINERY



SIC 3531—CONSTRUCTION MACHINERY



See footnote at end of table.

SIC 3532—MINING MACHINERY

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	34.0	33.7	33.7	33.6	33.4	33.4	33.9	34.3	34.7	35.0	35.1	33.3	33.6
1978	33.7	33.1	32.2	32.5	33.4	33.9	34.3	34.2	34.2	34.3	34.2	33.9	33.9
1979	33.6	33.6	33.6	34.0	34.3	34.6	35.3	35.5	36.4	36.8	37.1	37.6	37.9
1980	38.3	38.3	38.7	39.0	39.0	38.6	39.0	36.8	37.9	37.8	36.9	38.3	38.8
1981	38.7	39.1	39.1	39.7	39.1	38.1	37.8	38.3	38.5	38.7	38.5	38.5	38.6
1982		36.5	37.0										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	21.6	21.9	21.9	21.7	21.4	21.5	21.6	21.9	22.1	22.3	22.3	21.3	21.4
1978	21.4	20.9	20.1	20.3	21.0	21.5	21.9	21.8	21.8	21.9	22.0	21.7	21.7
1979	21.6	21.5	21.6	21.9	22.0	22.0	22.4	22.3	23.0	23.4	23.4	23.8	23.9
1980	23.7	24.4	24.6	24.9	24.4	23.9	24.2	22.3	23.1	23.1	22.6	23.4	24.0
1981	24.1	24.2	24.1	24.7	24.5	23.7	23.4	23.7	23.6	24.0	23.8	23.8	23.8
1982		22.4	23.1										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	256.37	244.00	252.14	252.94	249.71	259.29	260.98	258.05	262.57	260.09	268.71	269.12	274.73
1978	266.45	266.06	276.06	268.60	264.54	292.73	291.07	286.23	294.42	296.59	315.66	314.63	329.43
1979	331.27	324.63	330.71	332.24	335.66	320.02	324.79	338.19	329.47	336.66	345.66	340.17	354.29
1980	352.31	341.11	347.31	357.81	351.50	344.02	344.43	337.50	341.48	349.00	355.88	370.66	368.91
1981	343.60	375.16	361.64	385.63	364.99	382.96	364.56	374.23	375.77	385.53	387.00	396.79	411.46
1982		397.77	409.24										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	6.40	6.10	6.16	6.23	6.29	6.45	6.46	6.50	6.45	6.47	6.57	6.58	6.75
1978	6.67	6.77	6.93	6.93	6.44	7.02	6.96	7.05	7.01	7.13	7.29	7.30	7.47
1979	7.57	7.44	7.62	7.60	7.68	7.73	7.77	8.11	7.62	7.94	8.02	8.08	8.22
1980	8.53	8.14	8.23	8.35	8.29	8.35	8.36	8.48	8.58	8.66	8.68	8.91	9.10
1981	9.09	9.28	9.15	9.27	9.24	9.55	9.59	9.67	9.66	9.81	10.00	10.02	10.21
1982		10.07	10.18										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	40.4	40.0	40.6	40.6	39.7	40.2	40.4	39.7	40.7	40.2	40.9	40.9	40.7
1978	40.6	39.3	40.3	41.1	41.0	41.7	41.7	40.6	42.0	43.0	43.3	43.1	44.1
1979	42.0	41.6	42.4	42.4	39.8	41.4	41.6	41.7	41.6	42.4	43.1	42.1	43.1
1980	41.4	41.7	42.2	42.8	42.4	41.2	41.2	39.8	39.8	40.3	41.0	41.6	42.3
1981	40.0	41.5	41.6	41.6	39.5	40.1	40.1	38.7	38.9	39.3	38.7	39.6	40.3
1982		39.5	40.2										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.0	3.5	3.7	3.9	2.5	3.1	3.2	2.6	3.5	3.0	3.6	3.1	2.7
1978	3.5	3.4	3.7	3.2	3.0	3.4	4.1	3.7	3.5	3.4	3.8	3.6	4.8
1979	3.4	4.0	4.7	3.7	1.9	3.1	3.1	3.0	3.3	3.8	3.6	3.1	3.8
1980	2.3	3.6	3.8	4.3	3.5	2.7	2.5	2.1	2.2	2.3	2.3	2.5	3.4
1981	2.2	3.5	2.8	2.8	1.6	2.1	2.1	2.1	1.8	1.7	2.0	2.1	2.3
1982		2.4	2.2										

SIC 3533—OIL FIELD MACHINERY

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	65.4	67.2	67.3	67.8	68.2	68.2	69.3	70.4	71.5	71.9	68.9	70.6	71.8
1978	77.1	72.6	72.5	73.9	74.6	75.6	77.9	78.6	79.0	79.2	80.0	81.3	81.8
1979	84.6	82.6	83.1	84.1	84.0	84.2	85.1	85.4	85.0	84.5	84.9	85.6	86.9
1980	96.7	88.2	88.7	89.9	91.4	93.7	95.9	96.8	98.5	101.0	102.7	105.5	107.7
1981	113.2	109.3	110.4	113.1	114.6	116.4	119.7	121.2	123.0	123.7	124.7	126.4	127.2
1982		126.3	128.7										

SIC 3533—OIL FIELD MACHINERY (Con.)

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	8.1	8.0	8.0	7.9	7.9	7.9	8.1	8.2	8.2	8.4	8.0	8.1	8.2
1978	9.2	8.4	8.4	8.6	8.7	8.9	9.3	9.5	9.5	9.5	9.7	9.9	10.1
1979	11.4	10.4	10.6	10.9	11.0	11.2	11.5	11.7	11.5	11.6	11.9	12.0	12.2
1980	13.9	12.4	12.5	12.8	13.1	13.5	13.9	14.2	14.3	14.4	14.7	15.2	15.4
1981	17.4	15.8	15.9	16.3	16.6	16.7	17.1	17.7	17.9	18.1	18.4	18.7	19.0
1982		19.4	19.7										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	47.2	45.9	46.0	45.9	45.8	46.2	47.1	47.8	48.6	49.1	46.7	47.8	48.9
1978	53.3	49.7	49.4	50.7	51.3	52.3	54.0	54.6	54.6	54.9	55.6	56.2	56.7
1979	58.1	57.6	58.0	58.1	57.9	58.1	58.1	58.4	57.8	57.6	57.7	58.4	59.1
1980	66.2	60.3	60.5	61.5	62.7	64.3	65.8	66.4	67.9	69.0	70.2	71.8	73.5
1981	82.8	75.1	76.2	78.3	79.6	80.9	83.5	84.4	85.6	85.8	86.7	88.3	89.2
1982		89.8	90.3										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	265.31	241.79	250.38	256.01	257.13	263.59	263.22	263.95	275.79	266.64	273.02	276.81	292.05
1978	295.03	260.15	284.91	292.79	287.98	289.30	287.10	285.12	294.13	300.06	302.57	309.52	324.10
1979	340.89	329.72	330.24	338.70	341.40	345.42	307.45	298.26	308.55	314.06	316.94	329.28	336.38
1980	358.60	335.71	327.08	332.21	343.87	351.92	346.52	345.56	363.38	370.87	382.55	389.08	409.62
1981	414.95	398.05	396.41	400.62	405.66	410.87	404.10	402.19	409.87	421.12	427.50	438.26	453.42
1982		430.51	442.65										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	6.17	5.84	5.85	5.94	6.05	6.13	6.15	6.24	6.34	6.23	6.32	6.38	6.49
1978	6.69	6.47	6.49	6.55	6.56	6.59	6.60	6.60	6.70	6.82	6.83	6.94	7.00
1979	7.23	6.96	6.95	7.00	7.00	7.12	7.15	7.15	7.26	7.39	7.44	7.64	7.68
1980	8.15	7.61	7.66	7.78	7.96	7.98	8.04	8.15	8.24	8.26	8.42	8.57	8.66
1981	9.16	8.71	8.76	8.79	8.92	9.03	9.00	9.12	9.19	9.40	9.50	9.59	9.73
1982		9.74	9.75										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	43.0	41.4	42.8	43.1	42.5	43.0	42.8	42.3	43.5	42.8	43.2	43.7	45.0
1978	44.1	43.3	43.9	44.7	43.9	43.9	43.5	43.2	43.9	44.0	44.3	44.6	46.3
1979	43.0	44.5	43.2	44.1	43.2	44.3	43.0	41.7	42.5	42.5	42.6	43.1	43.8
1980	44.0	42.8	42.7	42.7	43.2	44.1	43.1	42.4	44.1	44.9	44.9	45.4	47.3
1981	45.3	45.7	45.3	45.6	45.5	45.5	44.9	44.1	44.6	44.8	45.0	45.7	46.6
1982		44.2	45.4										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.9	3.9	4.4	4.4	4.6	5.1	4.9	5.0	5.6	5.0	5.2	4.7	5.9
1978	5.3	4.7	5.3	5.4	4.9	4.7	5.2	5.1	5.2	5.4	5.9	5.6	6.5
1979	4.8	6.1	4.4	5.2	2.6	4.3	4.6	4.5	4.6	4.8	5.0	5.4	5.9
1980	5.5	5.3	5.0	5.2	5.3	5.8	5.3	5.2	5.6	5.7	5.4	5.5	6.4
1981	6.2	6.2	5.7	6.3	5.9	6.4	6.3	6.0	6.1	6.5	6.1	6.2	6.4
1982		6.1	5.2										

SIC 3535—CONVEYORS AND CONVEYING EQUIPMENT

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	29.4	27.8	27.7	27.7	28.2	28.6	29.1	29.3	29.9	30.3	30.9	31.1	31.6
1978	31.9	31.4	31.5	31.6	31.4	31.7	32.2	32.1	32.2	32.0	32.0	32.2	33.0
1979	34.0	33.1	33.1	32.9	32.8	33.2	33.9	33.8	34.0	34.5	34.8	35.3	36.1
1980	35.4	36.0	35.4	35.4	35.4	35.8	35.7	35.0	35.3	35.1	34.9	35.2	35.8
1981	35.1	35.4	35.0	34.8	34.5	34.5	35.1	35.2	35.9	35.7	35.1	35.0	35.2
1982		34.5	34.2										

See footnotes at end of tables

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.

SIC 3535—CONVEYORS AND CONVEYING EQUIPMENT (Con.)

PRODUCTION WORKERS—IN THOUSANDS

1977	17.4	16.2	16.2	16.0	16.3	16.6	17.2	17.3	17.9	18.3	18.7	18.8	19.2
1978	19.0	19.0	18.9	18.7	18.7	18.8	19.2	18.9	19.1	18.8	18.8	18.9	19.6
1979	20.4	19.5	19.9	19.7	20.5	20.3	20.5	20.5	20.4	20.7	20.6	21.0	21.7
1980	19.9	21.7	20.2	20.1	20.0	20.3	19.9	19.2	19.5	19.3	19.2	19.5	20.0
1981	19.8	19.7	19.7	19.8	19.5	19.4	19.8	19.9	20.6	20.2	19.7	19.5	19.7
1982		18.8	18.6										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

1977	234.77	202.01	212.50	215.36	223.02	228.25	242.80	239.51	247.53	245.34	242.60	249.95	253.73
1978	257.27	230.41	243.19	249.63	259.98	256.61	259.01	266.05	263.30	254.56	256.85	263.11	277.33
1979	282.05	265.85	268.16	271.55	254.87	271.41	286.14	280.43	292.28	288.53	294.17	293.62	309.21
1980	313.43	298.91	302.73	301.67	304.78	309.50	311.04	315.61	321.58	320.39	321.59	315.59	336.20
1981	330.79	319.80	310.57	311.33	316.42	324.92	332.59	340.95	350.86	334.85	335.87	337.05	355.63
1982		334.66	344.86										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

1977	5.63	5.22	5.26	5.24	5.40	5.54	5.75	5.73	5.77	5.80	5.74	5.84	5.97
1978	6.14	5.94	5.99	6.02	6.19	6.10	6.08	6.26	6.21	6.09	6.13	6.22	6.39
1979	6.78	6.36	6.40	6.45	6.42	6.54	6.67	6.79	7.06	7.03	7.14	7.08	7.31
1980	7.72	7.22	7.33	7.34	7.47	7.68	7.68	7.91	7.95	7.95	7.98	8.01	8.22
1981	8.46	8.20	8.13	8.15	8.24	8.31	8.42	8.72	8.86	8.72	8.59	8.49	8.59
1982		8.67	8.60										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

1977	41.7	38.7	40.4	41.1	41.3	41.2	42.4	41.8	42.9	42.3	42.3	42.8	42.5
1978	41.9	39.8	40.6	41.5	42.0	42.1	42.6	42.5	42.4	41.8	41.9	42.3	43.4
1979	41.6	41.8	41.9	42.1	39.7	41.5	42.9	41.3	41.4	41.1	41.2	41.5	42.3
1980	40.6	41.4	41.3	41.1	40.8	40.3	40.5	39.9	40.4	40.3	40.3	39.4	40.9
1981	39.1	39.0	38.2	38.2	38.4	39.1	39.5	39.1	39.6	38.4	39.1	39.7	41.4
1982		38.6	40.1										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

1977	3.7	1.6	1.9	2.7	3.2	3.3	4.4	3.9	4.4	4.6	4.7	4.8	4.5
1978	4.2	3.4	3.9	3.6	3.9	4.2	4.4	4.6	4.6	3.9	4.1	4.0	5.3
1979	3.6	4.0	3.6	3.9	2.5	3.4	4.2	4.0	4.0	3.5	3.4	3.7	3.5
1980	2.9	2.8	2.9	3.0	2.6	3.2	2.8	3.0	2.8	3.0	2.9	2.3	3.6
1981	2.9	2.8	2.4	2.4	2.3	2.4	2.9	3.0	3.9	2.9	2.6	3.0	3.6
1982		2.8	2.7										

SIC 3537—INDUSTRIAL TRUCKS AND TRACTORS

ALL EMPLOYEES—IN THOUSANDS

1977	32.3	31.2	31.6	31.7	31.6	32.2	32.4	32.3	32.7	32.8	33.3	33.7	32.3
1978	35.9	34.6	34.7	34.5	34.9	35.2	35.7	36.0	36.1	36.5	36.8	37.6	38.0
1979	38.7	38.0	38.2	38.9	38.7	38.5	39.2	39.1	39.0	38.7	38.7	38.6	38.6
1980	36.5	39.8	39.2	39.3	38.5	36.8	36.0	35.1	32.6	35.4	35.1	35.3	35.3
1981	35.0	35.4	35.3	35.3	34.7	34.6	35.2	35.2	35.5	34.6	35.2	34.1	34.0
1982		33.8	33.4										

PRODUCTION WORKERS—IN THOUSANDS

1977	22.1	21.2	21.4	21.4	21.3	22.1	22.2	21.9	22.5	22.6	23.0	23.4	21.8
1978	24.9	24.0	24.2	24.1	24.2	24.5	24.8	25.0	24.9	25.2	25.6	26.3	26.5
1979	26.8	26.2	26.3	26.9	26.8	26.9	27.1	27.2	27.2	27.0	26.9	26.7	26.0
1980	24.2	27.0	25.6	26.7	26.1	24.6	23.9	23.0	21.1	23.1	22.6	22.9	23.0
1981	23.1	23.3	23.6	23.6	23.2	23.3	23.4	23.2	23.8	23.0	23.3	22.2	21.7
1982		21.6	21.4										

See footnotes at end of tables.

SIC 3537—INDUSTRIAL TRUCKS AND TRACTORS (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

1977	245.22	233.05	238.58	237.98	238.55	245.18	244.17	228.92	234.23	254.00	258.54	255.63	258.36
1978	271.17	255.27	265.79	268.51	266.09	261.05	269.37	260.56	271.17	273.91	280.98	281.93	298.74
1979	290.50	289.12	292.88	288.43	271.47	280.99	295.36	283.66	286.56	295.16	297.60	295.89	308.90
1980	297.21	290.66	290.72	296.56	295.60	296.03	300.30	289.79	278.63	300.96	296.76	311.63	322.59
1981	318.01	310.79	304.67	304.00	305.52	311.42	320.10	314.98	318.59	314.42	330.80	333.45	347.77
1982		317.16	332.16										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

1977	6.04	5.90	5.92	5.92	5.89	5.98	5.97	5.90	5.90	6.15	6.26	6.25	6.33
1978	6.63	6.43	6.42	6.47	6.46	6.51	6.57	6.63	6.63	6.73	6.82	6.81	6.98
1979	7.12	6.95	6.99	6.95	6.89	7.06	7.10	7.15	7.20	7.27	7.33	7.27	7.32
1980	7.66	7.34	7.36	7.47	7.56	7.61	7.70	7.79	7.47	7.92	7.83	7.97	8.06
1981	8.26	8.01	7.96	8.00	8.04	8.11	8.25	8.20	8.34	8.34	8.57	8.55	8.76
1982		8.81	8.65										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

1977	40.6	39.5	40.3	40.2	40.5	41.0	40.9	38.6	39.7	41.3	41.3	40.9	42.4
1978	40.9	39.7	41.4	41.5	41.0	40.1	41.0	39.3	40.9	40.7	41.2	41.4	42.8
1979	40.8	41.5	41.9	41.5	39.4	39.8	41.6	39.7	39.8	40.6	40.6	40.7	42.2
1980	38.8	39.6	39.5	39.7	39.1	38.9	39.0	37.2	37.3	38.0	37.9	39.1	39.6
1981	38.5	38.9	38.3	38.0	38.0	38.4	38.6	38.4	38.2	37.7	38.6	39.0	39.7
1982		39.0	38.4										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

1977	1.8	2.5	2.1	1.9	2.2	2.6	2.8	2.0	2.9	3.5	3.9	3.1	4.2
1978	3.5	3.5	3.8	3.6	3.4	2.6	3.1	2.9	3.7	3.2	3.9	3.8	4.3
1979	3.0	3.7	3.5	3.1	2.4	2.2	3.3	2.5	3.1	3.6	3.2	3.0	3.5
1980	2.0	2.6	2.4	2.4	2.1	1.7	1.9	1.4	2.0	2.1	1.7	1.6	2.1
1981	2.0	2.2	2.2	1.8	2.6	2.1	2.7	2.5	2.6	2.2	2.1	2.3	2.3
1982		1.6	1.6										

SIC 354—METALWORKING MACHINERY

ALL EMPLOYEES—IN THOUSANDS

1977	324.7	317.4	317.9	319.5	320.9	322.4	325.4	321.2	322.0	329.3	329.0	333.5	337.9
1978	346.7	338.3	341.0	344.8	345.1	345.5	347.2	344.9	343.6	348.2	350.1	353.7	357.8
1979	368.8	360.0	363.3	364.3	366.1	364.9	370.5	366.9	369.0	371.6	374.3	376.1	378.3
1980	373.1	379.2	380.7	382.0	381.3	377.0	373.3	367.9	364.4	365.1	366.2	369.2	371.2
1981	364.5	368.4	367.7	365.0	364.5	366.2	366.3	363.0	362.3	365.6	364.5	361.0	358.8
1982		353.3	348.9										

WOMEN EMPLOYEES—IN THOUSANDS

1977	47.0	44.8	45.0	45.6	45.9	46.6	46.9	46.5	47.2	47.4	48.4	49.4	49.7
1978	52.0	50.2	50.8	51.3	51.9	51.9	52.5	52.2	52.3	52.7	53.5	54.0	54.8
1979	56.2	55.3	56.0	56.5	55.0	55.4	56.1	55.6	56.2	56.1	56.9	57.3	57.7
1980	58.0	58.1	59.0	59.4	59.6	58.5	58.1	57.2	56.7	56.8	57.2	57.6	57.8
1981	58.5	57.6	57.9	57.9	57.9	59.4	59.8	58.6	59.0	58.6	58.4	56.9	57.4
1982		55.6	54.8										

PRODUCTION WORKERS—IN THOUSANDS

1977	221.6	230.2	230.5	232.1	233.0	234.1	236.5	231.6	232.2	239.2	238.7	243.0	246.9
1978	252.9	247.5	249.9	252.4	251.9	251.9	252.3	250.6	249.3	254.5	256.1	257.9	261.0
1979	271.3	263.2	266.0	266.4	270.6	269.6	273.5	269.6	270.1	273.5	275.4	277.1	280.2
1980	272.9	280.3	281.2	281.9	281.2	276.5	272.4	266.7	263.4	265.3	266.2	268.8	270.3
1981	263.5	267.9	266.9	265.5	264.9	265.8	265.3	260.9	260.2	264.3	263.0	259.9	257.5
1982		251.6	247.6										

SIC 354—METALWORKING MACHINERY (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	279.72	262.50	271.56	270.08	269.66	272.00	279.29	274.55	278.20	284.26	291.27	296.59	305.10
1978	308.88	294.25	301.64	304.58	303.85	303.10	306.24	302.93	301.10	311.58	316.24	324.12	335.51
1979	329.30	326.64	329.89	332.72	339.86	323.76	327.75	317.48	321.00	334.18	336.01	341.39	352.54
1980	346.83	348.13	347.85	346.40	341.65	343.05	343.09	329.67	337.41	347.35	349.87	359.13	370.23
1981	371.49	367.58	363.62	370.09	363.96	371.65	374.17	364.08	367.98	367.52	374.42	379.55	391.35
1982		375.86	386.75										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	6.49	6.08	6.33	6.34	6.36	6.40	6.45	6.46	6.50	6.58	6.65	6.68	6.75
1978	7.02	6.78	6.84	6.86	6.89	6.92	6.96	6.98	6.97	7.13	7.22	7.30	7.39
1979	7.57	7.39	7.43	7.46	7.36	7.46	7.50	7.47	7.50	7.70	7.76	7.83	7.94
1980	8.15	7.93	7.96	8.00	8.02	8.11	8.13	8.12	8.15	8.29	8.37	8.49	8.59
1981	8.93	8.66	8.72	8.77	8.77	8.87	8.93	8.88	8.91	9.03	9.11	9.19	9.34
1982		9.42	9.41										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	43.1	41.5	42.9	42.6	42.4	42.5	43.3	42.5	42.8	43.2	43.8	44.4	45.2
1978	44.0	43.4	44.1	44.4	44.1	43.8	44.0	43.4	43.2	43.7	43.8	44.4	45.4
1979	43.5	44.2	44.4	44.6	42.1	43.4	43.7	42.5	42.8	43.4	43.3	43.6	44.4
1980	42.4	43.9	43.7	43.3	42.6	42.3	42.2	40.6	41.4	41.9	41.8	42.3	43.1
1981	41.6	42.8	41.7	42.2	41.5	41.9	41.9	41.0	41.3	40.7	41.1	41.3	41.9
1982		39.9	41.1										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.5	5.2	5.4	5.3	5.0	5.1	5.5	5.2	5.5	5.6	5.8	6.2	6.6
1978	5.9	5.9	6.3	6.0	5.9	5.6	5.6	5.4	5.2	5.9	5.9	6.3	6.8
1979	5.7	6.2	6.4	6.4	4.2	5.5	5.6	5.1	5.3	5.6	5.6	5.8	6.1
1980	4.8	5.8	5.7	5.5	4.9	4.6	4.5	3.8	3.9	4.3	4.3	4.6	4.9
1981	4.1	4.6	4.4	4.4	3.9	4.3	4.2	3.7	4.0	3.7	3.9	3.8	4.0
1982		3.3	3.3										

SIC 3541—MACHINE TOOLS, METAL CUTTING TYPES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	65.2	63.7	64.0	64.2	64.0	63.9	64.4	64.6	65.1	66.7	66.0	66.9	68.6
1978	70.9	69.1	69.7	70.2	70.3	70.5	70.6	71.5	71.1	71.7	71.2	72.2	72.8
1979	77.4	73.6	74.6	75.3	76.1	76.2	77.7	77.4	77.8	78.5	79.6	80.6	81.1
1980	81.6	82.4	82.0	82.1	82.8	83.2	82.0	82.8	80.6	79.6	80.0	81.5	81.4
1981	79.5	81.3	81.0	81.0	80.7	79.9	80.2	79.7	79.2	79.6	78.8	76.5	75.8
1982		73.9	73.3										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	7.3	6.9	7.0	7.0	7.1	7.1	7.1	7.2	7.4	7.5	7.6	7.7	7.7
1978	8.4	7.9	8.0	8.2	8.3	8.3	8.5	8.5	8.6	8.4	8.6	8.8	8.9
1979	9.7	9.0	9.2	9.4	9.4	9.6	9.7	9.9	9.8	9.8	9.9	10.2	10.5
1980	10.6	10.5	10.6	10.7	10.7	10.7	10.7	10.7	10.5	10.3	10.4	10.6	10.6
1981	10.6	10.8	10.9	10.9	10.8	10.6	10.7	10.7	10.6	10.6	10.4	10.2	9.9
1982		9.9	9.7										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	41.3	40.9	41.4	41.5	41.0	40.8	41.0	41.0	41.2	42.7	42.4	43.5	45.0
1978	45.9	45.2	46.1	45.8	45.6	45.7	45.5	46.3	45.7	46.6	45.6	46.3	46.8
1979	51.2	47.7	48.7	49.1	51.2	51.1	51.5	51.1	51.0	51.8	52.5	53.0	55.2
1980	54.7	55.1	55.4	55.4	55.7	56.1	55.0	55.2	53.6	53.0	53.2	54.1	54.0
1981	51.7	53.8	53.2	53.3	53.0	52.2	52.2	51.5	50.9	51.6	50.8	49.0	48.3
1982		46.9	46.3										

SIC 3541—MACHINE TOOLS, METAL CUTTING TYPES (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	290.18	266.46	276.46	273.70	279.68	283.16	291.28	284.19	288.63	293.23	306.43	311.21	321.08
1978	322.56	306.05	313.98	320.81	316.85	316.80	323.18	311.03	310.87	326.03	332.57	340.80	352.20
1979	344.21	339.15	342.45	341.69	317.37	333.32	336.60	325.04	334.95	351.30	359.84	364.05	377.48
1980	366.21	366.38	368.90	364.97	360.86	363.49	360.62	341.13	351.53	363.76	368.94	381.92	399.61
1981	383.95	385.00	380.55	385.80	372.54	380.70	382.69	376.24	379.22	382.44	385.22	394.25	408.79
1982		394.79	395.44										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	6.61	6.39	6.37	6.38	6.40	6.45	6.59	6.64	6.62	6.71	6.84	6.87	6.98
1978	7.20	6.94	7.04	7.02	7.01	7.04	7.15	7.15	7.13	7.31	7.44	7.49	7.64
1979	7.77	7.52	7.61	7.61	7.45	7.61	7.65	7.63	7.70	7.93	8.05	8.09	8.26
1980	8.38	8.16	8.22	8.22	8.22	8.28	8.29	8.30	8.33	8.44	8.58	8.68	8.90
1981	9.12	8.81	8.85	8.91	8.87	9.00	9.09	9.11	9.16	9.26	9.35	9.50	9.71
1982		9.70	9.74										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	43.9	41.7	43.4	42.9	43.7	43.9	44.2	42.8	43.6	43.7	44.8	45.3	46.0
1978	44.8	44.1	44.6	45.7	45.2	45.0	45.2	43.5	43.6	44.6	44.7	45.5	46.1
1979	44.3	45.1	45.0	44.9	42.6	43.8	44.0	42.6	43.5	44.3	44.7	45.0	45.7
1980	43.7	44.9	45.0	44.4	43.9	43.9	43.5	41.1	42.2	43.1	43.0	44.0	44.9
1981	42.1	43.7	43.0	43.3	42.0	42.3	42.1	41.3	41.4	41.3	41.2	41.5	42.1
1982		40.7	40.6										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.4	4.4	4.8	4.6	4.7	4.9	5.4	5.2	5.6	5.6	5.8	6.4	7.0
1978	6.4	6.0	6.4	6.6	6.2	6.0	6.4	5.5	5.6	6.3	6.8	7.3	7.6
1979	6.2	6.6	6.7	6.5	4.8	5.8	5.8	5.3	5.8	6.4	6.6	6.8	7.3
1980	5.8	6.5	6.7	6.5	6.0	6.1	5.9	4.8	4.8	5.3	5.2	5.8	6.4
1981	4.5	5.2	5.0	5.1	4.0	4.8	4.8	4.0	4.2	4.1	4.1	4.0	4.3
1982		3.4	3.0										

SIC 3542—MACHINE TOOLS, METAL FORMING TYPES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	23.3	23.0	23.2	23.1	23.2	23.0	23.2	23.2	22.9	23.4	23.6	23.5	24.0
1978	25.0	24.0	24.3	24.6	24.8	24.8	25.1	25.0	24.7	25.3	25.3	25.7	26.1
1979	26.9	26.2	26.5	26.7	26.7	26.7	27.0	27.1	26.9	26.9	27.1	27.4	27.5
1980	26.4	27.5	27.4	27.5	27.4	26.8	26.7	26.1	26.0	25.6	25.1	25.2	25.1
1981	24.3	24.9	24.6	24.5	24.2	24.4	24.6	24.4	23.1	23.4	24.5	24.4	24.4
1982		23.7	23.2										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	15.4	15.2	15.2	15.3	15.4	15.2	15.4	15.2	14.9	15.4	15.6	15.5	15.9
1978	16.5	15.8	16.1	16.3	16.5	16.4	16.6	16.4	16.0	16.7	16.7	16.9	17.2
1979	17.7	17.3	17.5	17.6	17.6	17.5	17.8	17.7	17.4	17.7	17.8	18.0	18.1
1980	17.0	18.1	18.0	18.0	18.0	17.5	17.4	16.8	16.5	16.2	15.8	15.9	15.9
1981	15.2	15.8	15.6	15.5	15.3	15.4	15.4	15.2	14.3	14.4	15.3	15.3	15.4
1982		14.8	14.5										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	276.18	269.66	276.62	267.54	265.21	262.70	273.68	264.55	273.07	275.27	287.70	293.78	304.23
1978	315.62	292.46	294.42	306.01	305.02	307.64	324.56	319.49	314.81	321.00	322.39	334.40	344.06
1979	330.79	317.67	327.56	330.71	310.31	326.32	332.63	324.28	310.00	337.93	342.08	348.43	357.18
1980	349.38	350.10	347.62	361.44	344.87	349.87	348.47	340.28	338.12	346.46	345.26	357.06	359.31
1981	364.31	351.75	355.69	359.20	360.08	366.51	366.03	348.55	357.17	369.10	371.33	383.57	382.98
1982		369.51	382.57										

See footnotes at end of tables.

SIC 3542—MACHINE TOOLS, METAL FORMING TYPES, Cont.

SIC 3544—SPECIAL DIES, TOOLS, JIGS AND FIXTURES

SIC 3544—SPECIAL DIES, TOOLS, JIGS AND FIXTURES, Cont.

SIC 3545—MACHINE TOOL ACCESSORIES

SIC 3545—MACHINE TOOL ACCESSORIES (Con.)

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.90	5.66	5.72	5.79	5.80	5.84	5.85	5.88	5.91	6.02	6.04	6.05	6.14
1978	6.36	6.17	6.22	6.23	6.24	6.29	6.28	6.32	6.34	6.43	6.52	6.59	6.70
1979	6.92	6.76	6.75	6.82	6.77	6.76	6.82	6.77	6.88	7.09	7.14	7.22	7.18
1980	7.47	7.28	7.28	7.30	7.33	7.37	7.39	7.36	7.48	7.60	7.73	7.83	7.80
1981	8.16	7.87	7.91	7.99	8.01	8.09	8.16	8.07	8.22	8.33	8.40	8.47	8.46
1982		8.60	8.54										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	42.0	40.6	41.1	41.7	41.3	41.5	42.1	41.5	41.6	42.6	42.0	43.3	44.2
1978	42.6	42.1	42.7	43.9	43.3	43.0	43.1	42.0	42.4	42.7	42.2	42.7	43.5
1979	42.6	41.1	43.3	43.3	41.0	42.5	42.6	41.7	42.3	42.9	42.3	42.7	43.4
1980	40.5	41.1	42.4	42.6	42.1	41.7	41.3	40.3	40.4	40.5	40.2	40.8	42.0
1981	40.9	41.2	41.0	41.8	41.2	41.6	41.2	40.7	40.9	39.6	40.3	40.1	40.7
1982		38.6	39.8										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.1	3.5	3.5	3.9	3.7	3.8	3.9	3.9	3.9	4.6	4.2	4.6	5.3
1978	4.6	4.4	4.8	5.0	4.6	4.4	4.3	4.2	4.3	5.1	4.9	5.2	5.8
1979	3.0	1.4	4.5	4.3	2.1	3.7	4.2	3.6	4.6	5.3	5.4	5.2	5.7	5.8
1980	4.1	5.8	5.0	5.0	4.6	4.0	3.6	3.2	3.3	3.3	3.1	3.7	4.0
1981	3.3	3.6	3.7	3.7	3.3	3.6	3.4	3.0	3.1	2.9	3.2	3.0	3.0
1982		1.0	1.8										

SIC 3546—POWER DRIVEN HAND TOOLS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	32.2	30.7	31.1	31.4	31.9	32.0	32.2	31.9	32.0	32.4	33.0	33.6	34.3
1978	34.0	34.5	34.4	35.2	35.2	34.9	33.5	33.2	32.1	33.5	33.5	33.4	33.6
1979	33.0	33.4	33.5	33.8	32.4	32.2	32.5	32.4	33.0	33.2	33.2	33.5	34.0
1980	32.1	34.0	34.2	34.1	34.0	32.4	31.6	30.8	30.7	30.6	31.4	31.8	32.1
1981	30.8	30.1	31.7	31.6	30.4	30.7	30.7	30.5	30.6	30.8	30.4	30.3	29.8
1982		28.6	28.2										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	23.9	22.5	23.0	23.3	23.6	23.8	23.9	23.7	23.9	24.1	24.5	25.1	25.7
1978	25.1	25.9	26.1	26.3	26.2	26.1	24.5	24.2	23.8	25.1	25.2	25.1	25.3
1979	25.2	25.2	25.3	24.6	24.1	24.4	24.9	24.7	25.2	25.6	25.6	25.9	26.4
1980	24.8	26.7	25.8	26.7	26.5	24.8	24.0	23.2	23.2	23.4	23.9	24.2	24.7
1981	23.6	24.7	24.4	24.4	23.2	23.6	23.7	23.4	23.6	23.5	23.3	23.1	22.5
1982		21.1	20.8										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	210.31	200.00	202.18	201.56	202.58	204.17	211.04	208.58	207.43	213.20	214.06	221.08	232.52
1978	235.60	215.89	220.04	226.90	221.81	218.14	217.20	210.14	219.92	233.38	230.77	238.71	249.90
1979	244.99	232.65	244.50	245.76	223.69	249.28	249.64	237.61	243.76	248.21	248.05	257.00	257.55
1980	256.16	261.24	256.06	251.07	246.41	244.66	254.02	243.92	259.84	263.91	260.89	273.82	279.18
1981	288.66	266.66	271.05	271.10	271.81	283.35	280.91	282.63	289.35	291.00	291.91	298.05	320.74
1982		291.61	326.18										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.16	5.00	5.06	5.09	5.09	5.13	5.16	5.15	5.16	5.20	5.26	5.34	5.42
1978	5.53	5.41	5.38	5.45	5.41	5.44	5.43	5.43	5.43	5.61	5.67	5.78	5.88
1979	5.99	5.86	5.92	5.96	5.81	6.14	6.03	5.97	5.96	6.01	6.05	6.09	6.06
1980	6.39	6.22	6.20	6.23	6.27	6.41	6.48	6.47	6.40	6.39	6.41	6.63	6.60
1981	7.23	6.82	6.95	7.06	7.06	7.21	7.24	7.21	7.27	7.33	7.39	7.47	7.71
1982		7.66	7.74										

SIC 3546—POWER DRIVEN HAND TOOLS (Con.)

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	40.6	40.0	39.8	39.6	39.8	39.8	40.9	40.5	40.2	41.0	40.7	41.4	42.9
1978	40.8	39.9	40.9	42.0	41.0	40.1	40.0	38.7	40.5	41.6	40.7	41.3	42.5
1979	40.9	39.6	41.3	41.1	38.5	40.6	41.4	39.8	40.9	41.3	41.0	42.2	42.5
1980	40.4	42.0	41.3	40.3	39.3	38.2	39.2	37.7	40.6	41.3	40.7	41.3	42.3
1981	39.4	39.1	39.0	38.4	38.5	39.3	38.8	39.2	39.8	39.7	39.5	39.9	41.6
1982		37.1	42.4										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.4	3.5	3.0	2.8	2.6	2.7	3.5	3.0	3.6	3.5	3.5	3.9	4.7
1978	3.5	3.8	3.6	4.1	3.4	2.8	2.8	2.5	2.8	4.1	3.3	3.7	4.5
1979	3.5	2.9	3.8	3.6	.9	3.2	4.0	3.1	3.9	4.1	3.8	4.4	4.7
1980	2.6	4.3	3.5	2.9	2.1	1.7	2.0	1.4	2.3	2.5	2.0	2.8	2.8
1981	2.1	2.2	1.9	1.5	1.4	1.9	2.1	2.0	2.7	2.3	2.2	2.1	2.3
1982		1.9	2.7										

SIC 355—SPECIAL INDUSTRY MACHINERY

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	189.9	188.4	188.2	188.0	186.4	187.5	190.6	189.2	190.5	191.9	190.8	193.2	194.2
1978	196.7	193.9	194.5	195.4	196.4	196.3	198.1	194.4	195.1	197.1	197.3	200.4	201.4
1979	205.2	201.4	202.2	203.2	203.1	204.4	206.5	204.3	205.7	206.2	207.3	208.9	209.2
1980	207.3	210.2	211.0	212.5	211.4	209.0	210.4	205.3	204.6	203.7	202.8	203.1	203.5
1981	199.1	203.0	202.2	202.4	201.7	200.5	201.8	199.2	197.9	197.5	195.8	194.8	192.5
1982		190.8	187.9										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	26.3	25.3	25.5	25.4	25.6	25.9	26.2	26.2	26.8	27.0	27.2	27.3	27.5
1978	28.8	27.5	27.5	28.3	28.5	28.6	29.0	28.9	29.2	29.3	29.5	29.8	29.9
1979	29.8	29.6	29.5	29.6	28.9	29.3	29.7	29.8	30.1	30.1	30.2	30.5	30.8
1980	30.7	30.7	31.0	31.0	31.2	30.9	31.0	30.8	30.5	30.4	30.3	30.4	30.5
1981	29.8	30.4	30.0	30.2	30.0	29.7	30.6	30.2	29.9	29.5	29.5	29.1	28.8
1982		28.6	28.4										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	119.2	118.6	118.4	117.9	116.8	117.0	119.4	118.7	120.0	120.4	119.6	121.5	122.6
1978	123.5	121.8	122.5	122.5	123.6	123.5	124.0	121.5	121.9	123.1	123.6	126.2	127.4
1979	131.1	127.5	127.7	127.4	130.6	131.4	132.9	129.8	131.2	132.3	133.1	134.2	134.7
1980	132.5	135.2	136.3	137.3	136.1	134.0	134.4	130.7	130.2	129.5	128.1	128.9	129.1
1981	126.1	128.9	128.4	128.7	128.0	127.1	128.4	126.1	125.4	125.1	124.1	122.7	120.7
1982		119.1	116.9										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	244.91	230.35	239.20	239.29	234.43	238.62	243.61	239.57	240.98	251.87	251.52	257.27	267.65
1978	266.85	251.93	253.56	264.59	263.13	264.38	268.38	262.11	261.29	271.00	272.41	279.72	288.96
1979	287.60	277.79	282.66	285.86	269.20	282.08	286.33	283.15	281.36	290.50	292.40	303.12	314.06
1980	310.16	303.36	303.36	304.41	302.32	304.96	306.61	300.80	306.28	315.29	316.93	324.84	336.60
1981	345.79	326.27	326.30	329.96	324.80	333.73	334.55	330.66	336.60	338.20	341.01	348.09	362.88
1982		336.00	351.35										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.93	5.73	5.75	5.78	5.76	5.82	5.87	5.93	5.95	6.04	6.09	6.14	6.21
1978	6.43	6.19	6.23	6.27	6.31	6.34	6.39	6.44	6.42	6.53	6.58	6.66	6.72
1979	6.93	6.71	6.73	6.79	6.73	6.83	6.85	6.94	6.93	7.00	7.08	7.20	7.27
1980	7.51	7.24	7.24	7.30	7.32	7.42	7.46	7.52	7.60	7.69	7.73	7.79	7.92
1981	8.19	7.90	7.92	7.97	8.00	8.12	8.14	8.21	8.25	8.33	8.42	8.49	8.64
1982		8.75	8.74										

See footnotes at end of tables.

SIC 355—SPECIAL INDUSTRY MACHINERY (Con.)

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	41.1	40.3	40.9	41.6	41.8	41.7	41.5	41.5	41.3	41.1	41.1	41.0	40.9
1978	41.1	40.7	41.2	41.7	41.8	41.7	41.5	41.4	41.3	41.0	41.0	40.9	40.8
1979	41.0	41.1	41.4	41.5	41.7	41.5	41.3	41.3	41.1	40.9	40.9	40.8	40.7
1980	40.8	41.1	41.2	41.3	41.5	41.3	41.1	41.1	40.9	40.8	40.8	40.7	40.6
1981	40.7	40.8	41.1	41.2	41.4	41.2	41.0	41.0	40.8	40.7	40.7	40.6	40.5
1982	40.5	39.8	40.3	40.6	40.8	40.6	40.4	40.4	40.2	40.1	40.1	40.0	39.9

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	2.6	2.3	2.5	2.8	2.9	2.8	2.7	2.7	2.6	2.5	2.5	2.4	2.3
1978	2.6	2.4	2.7	2.9	2.9	2.8	2.7	2.6	2.5	2.4	2.4	2.3	2.2
1979	2.5	2.5	2.7	2.8	2.9	2.7	2.6	2.6	2.4	2.3	2.3	2.2	2.1
1980	2.3	2.4	2.5	2.6	2.7	2.6	2.4	2.4	2.3	2.2	2.2	2.1	2.0
1981	2.2	2.2	2.4	2.5	2.6	2.5	2.3	2.3	2.2	2.1	2.1	2.0	1.9
1982	2.0	1.9	2.1	2.2	2.3	2.2	2.1	2.1	2.0	1.9	1.9	1.8	1.7

SIC 3551—FOOD PRODUCTS MACHINERY

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	43.7	42.6	43.4	43.2	42.6	43.2	43.8	43.7	44.0	44.5	44.5	44.6	44.7
1978	44.4	44.1	44.7	45.1	45.4	45.1	45.6	45.2	45.1	45.4	45.4	45.7	46.0
1979	46.1	46.3	46.6	46.4	46.1	46.5	46.7	46.4	46.6	46.6	46.6	46.6	46.7
1980	46.1	47.1	47.1	47.1	47.2	47.1	47.2	45.9	44.6	44.7	44.2	45.2	45.5
1981	44.0	45.6	45.5	45.4	45.0	44.2	44.3	43.7	43.2	43.1	43.1	42.8	42.9
1982		42.7	42.6										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.7	5.5	5.6	5.6	5.5	5.5	5.6	5.6	5.6	5.6	5.6	5.6	5.6
1978	5.7	5.6	5.7	5.8	5.8	5.8	5.9	5.9	5.9	5.9	5.9	5.9	6.0
1979	6.0	6.0	6.1	6.1	6.1	6.1	6.2	6.2	6.2	6.2	6.2	6.2	6.3
1980	6.4	6.5	6.6	6.6	6.7	6.6	6.7	6.4	6.3	6.3	6.2	6.3	6.3
1981	6.4	6.3	6.5	6.5	6.5	6.5	6.5	6.4	6.3	6.3	6.2	6.2	6.2
1982		6.1	6.2										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	37.2	36.1	36.7	37.1	36.3	36.1	37.3	37.3	37.5	37.8	37.6	37.8	37.9
1978	38.0	37.4	38.1	38.5	38.4	38.4	38.7	38.5	38.4	38.7	38.7	38.9	39.2
1979	39.4	39.5	39.8	39.7	39.5	39.8	39.9	39.7	39.9	39.9	39.9	39.9	40.0
1980	39.4	40.4	40.4	40.4	40.5	40.3	40.4	39.3	38.4	38.5	38.2	39.0	39.4
1981	38.1	39.3	39.5	39.4	39.0	38.3	38.4	37.9	37.4	37.4	37.3	37.1	37.2
1982		37.3	37.3										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	337.05	344.20	351.67	350.69	343.61	332.30	325.33	326.85	326.06	263.11	261.81	266.80	275.18
1978	360.11	361.91	374.04	377.70	370.50	376.71	380.90	380.01	380.69	383.84	386.35	395.94	404.26
1979	391.12	395.74	397.88	398.42	397.25	397.25	397.25	394.40	397.92	399.29	399.70	413.05	421.85
1980	393.84	403.71	414.03	415.63	414.65	411.10	417.97	399.63	383.13	329.60	335.72	340.68	353.22
1981	348.25	342.29	349.61	340.17	338.75	349.25	346.35	345.30	352.51	345.20	344.66	355.77	376.64
1982		349.30	360.81										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	8.04	8.00	8.04	8.07	8.06	8.15	8.21	8.28	8.31	8.34	8.37	8.46	8.49
1978	8.75	8.64	8.84	8.83	8.83	8.89	8.92	8.94	8.96	8.93	8.96	9.03	9.06
1979	9.56	9.58	9.67	9.71	9.74	9.74	9.78	9.78	9.82	9.82	9.82	9.87	9.91
1980	9.98	9.79	9.92	9.92	9.89	9.87	9.87	9.92	9.94	9.91	9.93	9.93	9.93
1981	9.83	9.41	9.61	9.62	9.65	9.56	9.56	9.65	9.64	9.63	9.77	9.85	9.98
1982		9.22	9.53										

See footnotes at end of tables.

SIC 3551—FOOD PRODUCTS MACHINERY (Con.)

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	41.3	40.7	41.7	41.5	40.6	41.3	41.1	40.9	41.3	41.5	41.1	41.3	41.1
1978	41.4	40.7	41.1	41.5	40.6	41.3	41.3	41.3	41.4	41.5	41.5	41.1	41.1
1979	41.4	41.7	41.5	41.9	39.6	41.3	41.3	41.3	41.4	41.5	41.5	41.1	41.1
1980	41.4	41.7	41.5	41.3	39.6	41.3	41.3	41.3	41.4	41.5	41.5	41.1	41.1
1981	41.4	41.7	41.5	41.3	39.6	41.3	41.3	41.3	41.4	41.5	41.5	41.1	41.1
1982		39.6	40.2										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.3	3.1	3.1	3.1	2.5	3.1	2.9	2.9	3.1	3.1	3.1	3.3	3.4
1978	3.3	3.1	3.4	3.4	2.5	3.3	3.2	3.2	3.3	3.4	3.4	3.3	3.3
1979	3.4	3.4	3.4	3.5	2.5	3.3	3.2	3.2	3.3	3.4	3.4	3.3	3.3
1980	3.4	3.4	3.4	3.4	2.5	3.3	3.2	3.2	3.3	3.4	3.4	3.3	3.3
1981	3.4	3.4	3.4	3.4	2.5	3.3	3.2	3.2	3.3	3.4	3.4	3.3	3.3
1982		3.4	3.4										

SIC 3552—TEXTILE MACHINERY

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	29.2	30.4	30.5	30.3	30.1	29.8	29.7	29.7	29.7	29.1	28.7	27.5	28.0
1978	28.5	27.5	28.8	28.6	28.7	28.8	27.1	25.4	25.1	25.7	26.1	26.5	26.6
1979	26.9	26.5	26.6	26.6	26.4	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6
1980	27.6	27.6	28.1	28.1	28.0	27.5	27.6	28.0	27.9	27.9	27.9	27.9	27.9
1981	26.0	27.1	27.2	26.9	26.9	26.4	26.4	25.6	25.6	25.6	26.0	25.8	26.3
1982		24.8	23.7										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.5	5.6	5.6	5.5	5.6	5.6	5.4	5.4	5.5	5.5	5.4	5.4	5.1
1978	5.2	5.1	5.3	5.3	5.4	5.4	4.9	4.6	4.6	4.6	4.6	4.6	4.6
1979	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
1980	5.3	5.3	5.4	5.4	5.4	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
1981	5.3	5.3	5.3	5.3	5.2	5.1	5.1	4.9	5.0	5.0	5.0	5.0	5.0
1982		5.0	4.6										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	20.8	22.0	21.5	21.5	21.3	21.1	21.2	20.3	20.7	20.6	20.1	19.5	19.9
1978	19.8	19.3	19.9	19.9	19.9	19.9	19.1	17.7	17.4	17.8	18.1	18.4	18.6
1979	18.7	18.7	18.7	18.7	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6
1980	19.3	19.3	19.4	19.4	19.4	19.3	19.3	19.4	19.3	19.3	19.3	19.4	19.4
1981	18.6	18.6	18.6	18.6	18.5	18.4	18.4	18.3	17.6	17.6	18.0	17.7	17.4
1982		16.9	16.1										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	198.45	187.65	192.30	194.81	190.24	194.49	199.89	192.76	199.25	205.79	210.59	210.63	2[illegible]6.06
1978	215.30	205.75	201.46	209.61	210.83	211.57	223.03	208.68	211.85	220.68	220.19	224.36	227.54
1979	232.68	223.30	227.68	230.88	231.05	227.92	234.48	227.29	231.34	236.74	240.65	238.86	246.65
1980	249.70	246.79	246.35	249.04	245.80	245.64	246.85	239.65	241.08	250.21	254.56	259.35	268.38
1981	266.12	258.56	259.13	262.75	262.35	265.56	272.24	260.04	266.53	265.66	271.04	276.98	273.93
1982		224.16	270.44										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.80	4.79	4.76	4.81	4.78	4.85	4.84	4.88	4.92	4.95	5.04	5.10	5.12
1978	5.19	5.18	5.11	5.14	5.19	5.11	5.21	5.17	5.17	5.19	5.21	5.43	5.55
1979	5.58	5.54	5.60	5.60	5.65	5.64	5.64	5.67	5.67	5.67	5.66	5.68	5.69
1980	6.12	6.03	6.00	6.07	6.08	6.09	6.09	6.08	6.08	6.08	6.07	6.09	6.09
1981	6.62	6.48	6.42	6.43	6.44	6.51	6.59	6.54	6.55	6.63	6.68	6.81	6.89
1982			6.54	6.97									

SIC 3552—TEXTILE MACHINERY (Con.)

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	40.5	39.3	40.4	40.5	39.8	40.1	41.3	39.5	40.5	41.1	39.8	41.3	42.2
1978	40.7	39.7	39.2	40.7	40.7	40.8	41.7	39.9	40.2	41.0	40.7	41.3	42.8
1979	41.0	40.6	41.3	41.6	39.9	40.7	41.5	40.3	40.8	41.1	41.1	40.8	42.1
1980	40.8	41.2	41.6	41.3	40.3	40.5	40.6	39.4	39.7	40.7	40.6	41.1	42.0
1981	40.2	40.4	40.3	40.8	40.3	40.3	41.0	39.7	40.2	39.8	39.6	40.2	39.7
1982		32.3	38.8										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	2.6	2.3	2.2	2.5	1.9	2.5	2.5	2.3	2.7	3.1	2.7	2.8	3.6
1978	3.0	2.7	1.9	2.8	2.8	3.0	3.3	2.6	2.5	3.4	3.0	3.0	4.1
1979	3.0	3.6	3.3	3.4	2.2	2.9	3.2	2.5	2.4	3.2	3.2	3.0	3.6
1980	2.4	2.8	3.0	3.2	2.2	2.5	2.2	1.8	1.9	2.4	2.0	2.1	2.6
1981	2.0	2.1	2.2	2.0	1.7	2.1	2.2	1.8	2.1	1.9	1.7	2.0	1.8
1982		1.1	1.9										

SIC 3555—PRINTING TRADES MACHINERY

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	32.3	30.2	30.6	31.0	31.2	31.3	32.1	32.5	32.7	33.5	33.6	34.3	34.8
1978	36.4	35.1	35.5	36.1	36.4	36.4	37.0	36.3	36.4	36.3	36.2	37.3	37.5
1979	37.7	36.8	36.7	36.6	36.8	36.8	37.4	37.8	38.0	38.0	38.5	39.2	39.2
1980	39.7	39.3	39.5	39.7	39.7	39.3	39.9	40.2	40.3	39.8	39.6	39.3	39.4
1981	38.9	39.1	38.8	38.5	39.6	38.6	39.3	39.2	38.7	38.7	38.7	38.9	38.8
1982		38.8	38.6										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.1	4.3	4.4	4.6	4.7	4.8	5.0	5.1	5.3	5.4	5.6	5.7	5.8
1978	6.7	5.8	6.1	6.5	6.6	6.7	6.9	7.0	7.0	6.8	6.9	7.1	6.9
1979	6.2	6.7	6.6	6.5	5.8	5.9	6.0	6.1	6.1	6.1	6.1	6.3	6.4
1980	6.7	6.4	6.4	6.4	6.5	6.4	6.6	6.9	6.9	6.9	6.8	6.8	6.8
1981	6.7	6.8	6.6	6.6	6.7	6.6	6.8	6.9	6.7	6.5	6.6	6.6	6.7
1982		6.8	6.9										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	19.0	17.7	17.9	18.1	18.2	18.3	18.8	19.1	19.3	19.7	19.9	20.2	20.5
1978	21.6	20.6	20.9	21.1	21.4	21.4	21.8	21.7	21.7	21.5	21.5	22.3	22.7
1979	21.9	22.2	22.0	21.9	22.4	22.3	22.7	22.6	23.2	23.5	23.8	24.1	24.2
1980	24.6	24.1	24.6	24.7	24.7	24.4	24.9	25.1	25.0	24.7	24.4	24.2	24.2
1981	24.2	24.2	24.0	23.8	23.9	23.9	24.4	24.3	24.2	24.4	24.3	24.3	24.1
1982		24.0	23.7										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	262.08	256.68	266.17	259.37	257.09	257.71	259.53	251.43	250.34	264.80	264.38	269.24	284.27
1978	275.52	271.97	268.09	279.07	281.23	275.84	279.07	260.40	255.19	279.47	274.90	280.90	294.50
1979	301.61	279.19	285.49	290.07	278.66	293.56	297.62	292.70	297.86	312.05	306.72	307.22	347.30
1980	329.99	333.32	320.46	323.36	318.85	323.76	327.33	313.05	324.59	330.17	332.21	349.60	360.53
1981	356.65	352.56	350.53	357.30	348.53	353.98	351.88	352.37	357.44	363.72	359.90	368.03	388.89
1982		362.29	367.02										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	6.30	6.20	6.19	6.22	6.21	6.24	6.33	6.27	6.29	6.35	6.34	6.38	6.52
1978	6.56	6.46	6.46	6.46	6.48	6.46	6.49	6.51	6.51	6.67	6.64	6.72	6.77
1979	7.08	6.76	6.77	6.89	6.83	6.94	6.97	7.07	7.16	7.19	7.20	7.42	7.55
1980	7.71	7.53	7.47	7.52	7.52	7.60	7.63	7.58	7.71	7.88	7.78	8.00	8.25
1981	8.43	8.16	8.19	8.29	8.22	8.29	8.26	8.43	8.45	8.66	8.59	8.68	8.94
1982		9.13	9.04										

SIC 3555—PRINTING TRADES MACHINERY (Con.)

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	41.6	41.4	43.0	41.7	41.4	41.3	41.0	40.1	39.6	41.7	41.7	42.2	43.6
1978	42.0	42.1	41.5	43.2	43.4	42.7	43.0	40.0	39.2	41.9	41.4	41.8	43.5
1979	42.6	41.3	42.2	42.1	40.9	42.3	42.7	41.4	41.6	43.4	42.6	44.1	46.0
1980	42.6	44.0	42.5	43.0	42.4	42.6	42.9	41.3	42.1	41.9	42.7	43.7	43.7
1981	41.5	43.1	42.8	43.1	42.4	42.7	42.6	41.8	42.3	42.0	41.9	42.4	43.5
1982		39.9	40.6										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.8	5.1	5.6	4.9	4.5	4.6	4.3	4.5	4.4	5.3	4.5	4.3	5.8
1978	4.3	4.3	4.3	5.1	4.4	4.2	4.2	3.5	3.3	4.9	4.3	4.5	5.1
1979	4.1	4.0	4.2	4.2	2.7	3.9	3.8	3.7	4.1	4.5	4.2	4.9	5.2
1980	4.2	5.0	4.0	4.5	4.3	4.0	4.1	3.5	4.2	3.9	3.7	4.3	4.6
1981	3.9	4.7	4.4	4.4	3.5	3.8	3.7	3.7	3.8	3.7	3.4	3.5	4.8
1982		2.9	2.8										

SIC 356—GENERAL INDUSTRIAL MACHINERY

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	295.0	289.0	289.9	290.0	291.0	291.2	295.3	295.2	296.4	298.1	298.2	301.8	303.7
1978	312.6	303.1	304.6	308.1	309.4	310.0	312.2	310.3	312.3	316.2	317.7	321.1	325.9
1979	329.0	326.8	327.3	329.0	330.0	326.1	328.0	327.8	324.9	327.1	332.5	334.0	334.5
1980	323.7	334.3	333.8	333.3	329.9	325.0	322.9	316.0	316.4	318.4	317.5	317.0	319.5
1981	320.9	320.4	321.7	321.9	322.3	321.3	323.9	320.4	320.0	323.3	320.5	318.1	316.4
1982		312.4	309.4										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	52.5	51.3	51.2	51.2	51.4	52.0	52.6	52.6	52.4	52.9	53.5	54.3	54.2
1978	57.3	54.6	54.9	55.6	56.2	56.4	57.3	57.2	57.5	58.7	59.1	59.5	61.0
1979	62.8	61.3	61.7	62.5	63.0	62.0	63.0	63.0	62.2	62.7	64.2	64.1	64.0
1980	63.1	64.4	65.0	65.1	64.5	63.1	62.7	61.5	61.9	62.4	62.0	62.0	63.1
1981	63.6	63.4	63.6	64.1	64.3	64.1	64.8	63.7	63.3	63.8	63.3	62.8	62.3
1982		61.4	61.1										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	196.6	191.4	191.9	192.7	193.4	194.2	197.0	196.7	197.3	199.1	199.4	202.8	203.7
1978	209.0	203.4	205.1	206.8	208.0	207.6	208.8	206.1	206.6	210.6	212.2	214.2	218.3
1979	219.4	218.8	219.5	219.9	221.5	216.8	217.6	216.1	213.5	217.4	222.8	224.0	224.3
1980	211.6	224.3	221.6	220.8	217.0	212.0	209.6	203.8	203.9	206.7	206.2	205.7	207.0
1981	207.7	207.5	208.6	208.7	209.4	208.5	210.1	206.6	206.9	210.3	207.1	205.3	203.9
1982		201.1	197.8										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	256.47	242.60	247.99	248.02	247.04	250.50	256.06	254.16	260.19	265.01	264.77	268.36	275.80
1978	278.78	261.55	265.98	269.86	271.26	271.83	277.38	274.46	277.43	284.81	285.94	292.46	304.31
1979	303.78	293.28	296.65	300.17	276.90	298.60	304.41	298.66	300.21	310.34	314.84	320.38	329.22
1980	326.38	317.82	315.53	320.44	319.02	322.29	320.72	317.20	323.21	332.93	333.32	344.43	355.32
1981	354.84	346.01	344.73	348.94	343.80	355.47	355.42	352.00	353.96	354.40	362.30	368.83	377.15
1982		356.85	367.03										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	6.21	5.99	5.99	6.02	6.04	6.08	6.17	6.26	6.30	6.34	6.38	6.42	6.52
1978	6.75	6.49	6.60	6.55	6.60	6.63	6.70	6.76	6.75	6.83	6.89	6.98	7.11
1979	7.32	7.05	7.08	7.13	7.01	7.23	7.30	7.32	7.34	7.46	7.55	7.61	7.71
1980	7.98	7.64	7.64	7.74	7.80	7.88	7.88	7.99	8.06	8.16	8.23	8.36	8.44
1981	8.74	8.46	8.47	8.49	8.51	8.67	8.69	8.80	8.79	8.86	8.99	9.04	9.11
1982		9.15	9.13										

See footnotes at end of tables.

SIC 356—GENERAL INDUSTRIAL MACHINERY (Con.)

PRODUCTION WORKER AVERAGE WEEKLY HOURS

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

SIC 3561—PUMPS AND PUMPING EQUIPMENT

ALL EMPLOYEES—IN THOUSANDS

WOMEN EMPLOYEES—IN THOUSANDS

PRODUCTION WORKERS—IN THOUSANDS

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

SIC 3561—PUMPS AND PUMPING EQUIPMENT (Con.)

PRODUCTION WORKER AVERAGE WEEKLY HOURS

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

SIC 3562—BALL AND ROLLER BEARINGS

ALL EMPLOYEES—IN THOUSANDS

WOMEN EMPLOYEES—IN THOUSANDS

PRODUCTION WORKERS—IN THOUSANDS

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

SIC 3562—BALL AND ROLLER BEARINGS (Con.)

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	42.0	41.6	41.7	41.8	42.0	42.2	42.3	41.9	42.2	42.6	42.0	41.7	42.1
1978	41.2	40.6	38.0	40.6	40.8	41.0	41.5	41.0	41.4	41.9	41.8	42.1	43.0
1979	42.2	42.1	42.3	42.7	40.3	42.4	42.1	41.8	41.3	42.4	42.7	42.9	43.1
1980	41.6	42.6	41.8	42.1	41.3	42.2	42.0	41.7	40.6	41.3	41.0	42.0	43.1
1981	41.8	42.2	42.2	42.2	41.5	42.4	42.1	41.3	41.1	41.1	41.5	41.8	42.2
1982		39.3	40.7										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.3	4.3	3.5	3.7	4.1	4.3	4.3	4.3	4.3	4.7	4.3	4.6	4.6
1978	4.7	4.2	5.1	3.6	3.9	4.0	4.4	4.4	4.9	5.4	5.2	5.2	6.1
1979	4.8	5.3	4.9	5.1	2.7	4.8	4.7	4.5	4.2	4.5	5.2	5.4	5.6
1980	4.3	4.9	4.3	4.9	4.6	5.0	4.0	4.2	3.1	3.7	3.5	4.3	5.0
1981	3.6	4.4	4.1	3.8	3.4	3.9	3.6	3.5	3.3	3.1	3.2	3.1	3.7
1982		2.6	2.5										

SIC 3563—AIR AND GAS COMPRESSORS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	28.1	27.4	27.1	27.2	27.4	27.4	27.9	28.3	28.3	28.5	28.7	29.0	29.4
1978	30.6	29.0	29.3	30.0	30.1	30.5	31.0	31.1	31.1	31.3	31.7	31.8	32.2
1979	31.9	32.3	31.8	31.5	32.0	32.0	32.0	31.6	31.7	31.6	31.8	32.0	31.8
1980	31.4	32.0	32.1	32.0	31.8	31.6	31.6	30.7	30.7	30.8	31.1	31.4	31.5
1981	31.6	31.5	31.4	31.8	31.7	31.7	31.9	31.2	31.4	31.9	31.7	31.6	31.5
1982		31.5	31.2										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	16.7	16.3	16.1	16.3	16.4	16.5	16.8	16.8	16.8	17.1	17.1	17.2	17.4
1978	18.0	17.5	17.6	17.8	17.8	18.1	17.9	17.6	18.1	18.6	18.5	18.8	
1979	18.7	19.1	18.9	18.4	18.6	18.8	18.9	18.5	18.4	18.5	18.6	18.9	19.0
1980	18.7	19.1	19.1	19.1	18.9	18.7	18.7	18.2	18.1	18.2	18.5	18.7	18.8
1981	18.7	18.7	18.6	19.0	18.9	18.9	19.0	18.4	18.5	18.8	18.5	18.8	18.6
1982		18.1	17.8										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	251.66	236.86	237.86	243.53	251.64	254.75	258.69	249.86	264.59	280.80	276.64	286.89	292.03
1978	295.95	276.97	261.73	289.20	284.34	286.75	298.35	296.19	299.06	307.30	301.75	310.61	312.06
1979	312.82	301.02	302.54	303.64	276.71	302.50	316.40	302.91	303.14	323.67	329.67	349.36	340.13
1980	352.37	332.54	335.17	338.13	343.44	353.93	342.38	337.74	350.06	376.01	367.16	373.24	378.45
1981	390.35	372.73	370.46	375.62	381.07	380.87	387.66	385.56	395.93	412.59	404.46	399.07	422.26
1982		395.58	413.50										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	6.23	5.94	5.82	5.84	6.02	6.08	6.13	6.20	6.33	6.50	6.54	6.58	6.76
1978	6.98	6.69	6.74	6.71	6.77	6.78	7.02	7.12	7.07	7.13	7.10	7.19	7.36
1979	7.51	7.36	7.29	7.37	7.15	7.36	7.48	7.37	7.43	7.67	7.77	7.94	7.91
1980	8.35	7.66	7.54	8.07	8.12	8.25	8.29	8.36	8.56	8.71	8.68	8.68	8.72
1981	9.25	8.77	8.63	8.88	9.01	9.09	9.23	9.18	9.36	9.64	9.63	9.57	9.82
1982		10.05	9.94										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	42.0	40.9	40.6	41.7	41.6	41.9	42.2	40.3	41.8	43.2	42.3	43.6	43.2
1978	42.4	41.4	41.8	43.1	42.0	42.3	42.5	41.6	42.3	43.1	42.5	43.2	42.4
1979	41.6	40.9	41.5	41.2	38.7	41.1	42.3	41.1	40.8	42.2	42.3	44.0	43.0
1980	42.2	42.2	42.2	41.9	42.3	42.9	41.3	40.4	40.8	43.4	42.3	43.0	43.4
1981	42.2	42.5	42.0	42.1	42.2	41.9	42.0	42.0	42.3	42.8	42.0	41.7	43.0
1982		39.5	41.6										

See footnotes at end of tables.

SIC 3563—AIR AND GAS COMPRESSORS (Con.)

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.1	3.8	3.6	3.4	3.8	3.7	4.4	3.3	4.5	5.5	4.7	4.6	5.8
1978	4.3	4.7	5.0	4.6	3.8	3.8	4.4	3.6	4.5	4.6	4.1	4.5	4.3
1979	4.0	3.6	4.3	4.2	1.6	3.2	3.9	3.0	3.3	4.6	4.7	5.7	5.4
1980	4.5	5.0	4.9	4.8	4.7	5.1	3.6	3.9	3.7	4.8	4.5	4.3	4.4
1981	3.7	4.3	4.0	4.0	3.6	3.3	3.3	2.9	3.6	4.4	3.8	3.3	4.3
1982		3.1	3.2										

SIC 3564—BLOWERS AND FANS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	36.5	36.0	36.4	36.3	35.7	35.6	36.1	36.4	35.9	36.9	36.3	27.6	38.2
1978	39.5	38.2	38.4	38.7	38.9	39.1	39.7	38.7	39.7	39.8	40.1	40.7	41.5
1979	42.4	41.9	42.3	42.5	42.5	42.3	42.1	42.3	41.4	42.6	42.9	42.9	42.9
1980	41.4	43.3	43.2	43.5	42.6	41.6	41.0	40.8	40.4	40.5	39.7	39.8	40.3
1981	40.3	40.6	41.1	41.0	40.9	41.3	41.4	41.2	39.7	39.8	39.6	38.6	38.9
1982		38.2	38.7										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	23.3	22.8	22.9	22.9	22.8	22.7	23.1	23.3	22.7	23.8	23.3	24.3	24.6
1978	25.3	24.6	24.6	24.8	25.1	25.3	25.8	24.9	25.3	25.4	25.5	25.8	26.3
1979	27.2	26.5	26.6	26.7	27.5	27.3	27.0	27.3	26.5	27.8	27.8	27.8	28.0
1980	25.5	28.1	26.5	26.7	25.8	25.3	24.4	24.9	24.6	25.2	24.6	24.7	24.9
1981	25.2	25.2	25.5	25.5	25.5	25.9	25.9	25.7	24.8	25.0	24.9	24.0	24.0
1982		23.7	23.8										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	231.26	231.09	231.54	227.05	217.79	226.73	226.89	225.94	235.58	231.90	237.63	237.86	242.78
1978	247.86	226.58	243.41	242.20	242.81	241.19	251.74	253.79	266.65	244.42	248.44	258.13	270.30
1979	272.24	261.40	260.53	266.24	247.16	263.46	275.64	271.67	270.95	260.85	280.16	286.15	297.37
1980	301.90	290.21	291.76	289.64	288.56	296.30	303.26	295.73	300.29	314.42	307.57	317.26	326.90
1981	320.00	309.94	304.55	314.65	311.15	317.18	318.33	316.40	319.19	318.30	333.23	336.15	341.53
1982		332.43	345.14										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.71	5.72	5.62	5.62	5.57	5.64	5.63	5.72	5.76	5.74	5.81	5.83	5.85
1978	6.12	5.87	6.07	6.01	6.04	6.06	6.14	6.19	6.09	6.08	6.18	6.25	6.36
1979	6.64	6.36	6.37	6.40	6.37	6.57	6.61	6.61	6.69	6.85	6.80	6.91	7.03
1980	7.31	7.01	6.98	7.03	7.09	7.30	7.29	7.32	7.47	7.58	7.52	7.59	7.62
1981	7.96	7.71	7.71	7.75	7.74	7.89	7.86	7.99	8.04	8.12	8.31	8.30	8.33
1982		8.59	8.48										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	40.5	40.4	41.2	40.4	39.1	40.2	40.3	39.5	40.9	40.4	40.9	40.8	41.5
1978	40.5	38.6	40.1	40.3	40.2	39.8	41.0	41.0	40.5	40.2	40.2	41.3	42.5
1979	41.0	41.1	40.9	41.6	38.8	40.1	41.7	41.1	40.5	41.0	41.2	41.7	42.3
1980	41.3	41.4	41.6	41.2	40.7	41.0	41.6	40.4	40.2	41.7	40.9	41.6	42.9
1981	40.1	40.2	39.5	40.6	40.2	40.2	40.5	39.6	39.7	39.2	40.1	40.5	41.0
1982		38.7	40.7										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	2.8	2.6	2.4	2.3	1.8	2.2	3.5	2.7	3.3	3.5	2.8	3.0	3.9
1978	3.5	2.7	4.0	3.4	3.1	3.3	3.7	3.3	3.4	3.5	3.5	3.6	4.3
1979	4.0	3.7	3.6	4.0	2.4	3.6	4.5	3.4	3.7	4.4	4.2	4.8	5.2
1980	3.8	4.4	4.0	3.7	3.2	3.4	3.6	3.1	3.6	4.4	3.9	4.0	4.2
1981	3.0	3.3	2.9	3.0	2.5	2.9	3.2	3.0	3.2	2.9	3.3	3.2	3.0
1982		2.7	2.8										

SIC 3566—SPEED CHANGERS, DRIVES, AND GEARS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	24.1	24.3	24.2	24.3	24.0	24.0	24.0	23.1	23.4	24.3	24.3	24.5	24.8
1978	25.0	24.7	24.9	25.0	25.0	25.1	25.3	25.0	24.6	25.0	25.0	25.2	25.6
1979	26.8	25.7	25.9	26.1	26.3	26.3	26.8	27.1	26.9	27.2	27.4	27.6	27.9
1980	26.7	27.9	28.0	28.0	27.5	27.3	26.8	26.0	25.7	25.7	25.8	25.6	25.9
1981	27.1	26.3	26.3	26.6	26.9	27.0	27.5	27.4	27.6	27.6	27.6	27.3	27.0
1982		26.6	25.4										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	16.6	16.7	16.6	16.7	16.5	16.5	16.5	15.7	16.1	16.9	16.8	17.0	17.1
1978	17.2	17.1	17.2	17.2	17.3	17.3	17.4	17.0	16.9	17.1	17.1	17.4	17.7
1979	18.3	17.7	17.9	17.9	18.1	18.0	18.4	18.4	18.3	18.6	18.8	18.9	19.1
1980	18.1	19.3	19.2	19.2	19.0	18.6	18.2	17.2	17.1	17.2	17.3	17.3	17.3
1981	17.9	17.4	17.4	17.5	17.9	17.9	18.2	18.1	18.2	18.5	18.2	17.9	17.7
1982		18.3	17.5										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	273.73	253.49	264.58	262.26	255.33	259.20	271.23	272.33	282.36	286.12	285.60	284.50	309.32
1978	311.04	291.87	300.57	298.32	288.90	301.18	306.72	309.44	311.00	317.99	322.51	328.24	343.99
1979	347.49	325.74	335.66	342.85	309.25	345.40	350.60	346.20	347.11	360.47	367.04	358.13	384.75
1980	367.33	359.96	358.28	363.32	366.72	361.38	367.22	358.58	366.71	372.94	369.90	379.22	391.07
1981	395.52	381.89	392.18	392.92	383.35	410.01	406.39	395.20	403.09	388.87	391.15	395.20	400.66
1982		384.35	383.36										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	6.58	6.29	6.36	6.35	6.32	6.40	6.52	6.61	6.66	6.78	6.80	6.79	7.03
1978	7.20	6.90	6.99	6.97	7.00	7.07	7.10	7.23	7.32	7.26	7.38	7.46	7.73
1979	7.97	7.42	7.55	7.67	7.50	7.85	7.95	8.07	8.11	8.23	8.36	8.29	8.55
1980	8.83	8.43	8.47	8.63	8.69	8.75	8.87	8.92	9.01	9.03	9.00	9.16	9.18
1981	9.60	9.18	9.36	9.40	9.35	9.67	9.63	9.71	9.76	9.82	9.73	9.71	9.82
1982		9.78	9.73										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	41.6	40.3	41.6	41.3	40.4	40.5	41.6	41.2	42.4	42.2	42.0	41.9	44.0
1978	43.2	42.3	43.0	42.8	42.7	42.6	43.2	42.8	42.5	43.8	43.7	44.0	44.5
1979	43.6	43.9	44.5	44.7	41.1	44.0	44.1	42.9	42.8	43.8	43.6	43.2	45.0
1980	41.6	42.7	42.3	42.1	42.2	41.3	41.4	40.2	40.7	41.3	41.1	41.4	42.6
1981	41.2	41.6	41.9	41.8	41.0	42.4	42.2	40.7	41.3	39.6	40.2	40.7	40.8
1982		39.3	39.4										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.5	2.6	3.0	2.8	2.4	2.4	3.2	3.7	4.2	4.4	4.0	3.5	5.4
1978	4.8	4.2	4.6	4.1	4.0	3.3	4.2	4.4	4.9	5.1	5.1	5.4	7.1
1979	5.5	5.2	6.1	6.4	4.1	5.8	5.9	4.9	5.0	5.8	5.9	4.8	6.5
1980	3.6	4.6	4.6	4.4	4.2	3.6	3.5	2.5	2.6	3.0	2.7	3.1	3.6
1981	3.4	3.0	3.8	3.4	2.5	4.3	4.4	3.7	4.3	3.5	2.7	2.7	2.9
1982		2.1	2.0										

SIC 3568—POWER TRANSMISSION EQUIPMENT, NEC

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	22.3	20.3	20.9	21.2	21.6	22.0	22.4	22.6	22.8	23.1	23.4	23.5	23.6
1978	24.4	23.7	23.8	23.9	24.1	24.3	24.1	24.2	24.4	24.5	24.9	25.2	25.4
1979	25.6	25.6	25.7	25.9	26.0	25.6	25.7	25.8	25.3	25.6	25.6	25.3	25.3
1980	23.2	25.1	24.5	24.5	24.4	24.0	23.4	22.4	22.0	22.2	22.1	22.1	22.1
1981	22.8	22.0	22.2	22.4	22.7	22.9	23.2	22.8	23.1	23.4	23.0	22.9	22.6
1982		22.3	22.3										

See footnotes at end of tables.

SIC 3568—POWER TRANSMISSION EQUIPMENT, NEC (Con.)

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	15.9	14.0	14.5	15.1	15.3	15.8	16.1	15.3	15.1	15.7	17.0	17.1	17.1
1978	17.7	17.1	17.3	17.3	17.5	17.6	17.4	17.4	17.5	17.6	18.2	18.4	18.7
1979	18.7	16.8	19.0	19.2	19.3	18.8	18.8	18.6	18.3	18.6	18.5	18.4	18.4
1980	16.4	18.2	17.6	17.5	17.4	17.0	16.5	15.6	15.4	15.5	15.6	15.4	15.5
1981	16.1	15.4	15.6	15.8	16.0	16.1	16.3	16.1	16.3	16.6	16.3	16.2	16.0
1982		15.6	15.6										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	245.18	227.62	240.02	234.72	235.65	237.28	243.31	243.76	245.22	255.78	250.10	252.56	268.38
1978	272.24	251.14	257.22	260.57	264.99	268.09	268.86	264.52	268.62	281.96	283.74	289.07	299.64
1979	291.99	286.33	296.50	293.16	263.53	287.82	288.97	263.50	288.81	297.02	303.78	307.10	311.32
1980	308.37	303.07	302.33	301.73	298.22	300.53	302.35	292.99	307.71	312.04	315.20	326.41	342.38
1981	340.70	332.00	335.76	338.25	336.20	343.21	344.46	347.36	333.33	332.93	333.89	348.02	358.48
1982		343.30	355.52										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.98	5.76	5.84	5.81	5.79	5.83	5.92	5.96	6.10	6.09	6.13	6.16	6.27
1978	6.56	6.31	6.32	6.34	6.37	6.46	6.51	6.58	6.62	6.65	6.74	6.85	6.92
1979	7.07	6.85	6.96	6.98	6.74	7.02	6.98	7.00	7.01	7.14	7.32	7.40	7.48
1980	7.69	7.41	7.41	7.45	7.40	7.57	7.54	7.67	7.79	7.86	7.95	8.14	8.27
1981	8.33	8.30	8.27	8.25	8.22	8.29	8.30	8.31	8.21	8.18	8.41	8.53	8.68
1982		8.78	8.80										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	41.0	39.5	41.1	40.4	40.7	40.7	41.1	40.9	40.2	41.0	40.8	41.0	42.9
1978	41.5	39.8	40.7	41.1	41.6	41.5	41.8	40.2	41.2	42.4	42.1	42.2	43.1
1979	41.3	41.6	42.6	42.0	39.1	41.0	41.4	40.5	41.2	41.6	41.5	41.5	41.9
1980	40.1	40.9	40.8	40.5	40.3	39.7	40.1	38.2	39.5	39.7	39.6	40.1	41.4
1981	40.9	40.0	40.6	41.0	40.9	41.4	41.5	41.8	40.6	40.7	39.7	40.8	41.3
1982		39.1	40.4										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.9	3.5	3.8	3.3	3.3	3.4	3.8	3.8	4.3	5.0	3.8	3.7	5.1
1978	4.3	3.8	4.2	4.0	3.8	3.9	3.9	3.9	4.0	5.3	4.8	4.8	5.6
1979	3.9	4.6	5.2	4.5	1.9	3.9	4.2	4.1	3.8	4.0	3.6	3.7	3.7
1980	2.7	2.8	2.6	2.8	2.6	2.5	2.2	2.0	2.9	2.9	2.5	2.7	3.6
1981	3.0	3.0	3.2	3.3	2.9	3.5	4.1	3.5	2.9	2.8	1.8	2.1	2.6
1982		2.1	2.2										

SIC 357—OFFICE AND COMPUTING MACHINES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	311.4	298.3	300.4	301.0	304.1	306.7	310.3	313.0	314.2	316.9	319.6	324.0	328.3
1978	349.8	329.4	332.5	334.2	339.5	342.3	348.3	353.6	356.0	359.7	363.1	367.6	371.6
1979	396.8	376.0	380.9	384.7	386.5	387.2	393.7	401.8	404.0	406.4	409.0	413.7	417.2
1980	432.2	419.1	421.0	421.9	423.9	427.9	434.2	435.5	436.2	436.4	440.0	443.5	447.1
1981	463.8	447.4	448.7	451.0	452.4	456.2	464.8	468.5	470.2	472.8	475.0	478.1	480.2
1982		479.7	481.6										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	101.8	95.3	96.7	96.4	97.1	98.0	100.9	102.4	103.2	104.6	106.8	109.2	110.8
1978	121.2	112.4	113.1	114.3	115.7	117.5	120.7	122.8	123.4	126.2	127.8	128.2	130.8
1979	139.7	131.4	132.8	134.1	135.5	136.5	136.4	141.2	142.2	143.9	145.2	147.7	149.4
1980	155.0	149.8	149.9	150.6	151.8	153.2	156.1	156.1	156.0	156.7	158.4	160.1	161.6
1981	168.2	161.4	161.2	162.1	163.0	164.2	167.2	169.1	170.3	172.5	174.9	175.9	176.4
1982		176.6	178.1										

SIC 357—OFFICE AND COMPUTING MACHINES (Con.)

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	139.2	126.5	130.9	131.7	135.5	137.7	140.0	140.8	141.1	142.5	144.5	147.2	148.6
1978	157.6	149.6	150.8	151.9	153.7	154.3	156.4	157.4	157.3	161.2	163.8	166.7	168.6
1979	177.7	168.8	170.4	171.5	172.5	172.3	175.8	180.5	181.7	183.6	183.6	185.4	186.5
1980	185.9	185.3	185.3	184.7	184.6	185.1	187.1	184.6	185.0	186.2	186.7	188.1	187.6
1981	187.8	185.9	184.5	184.6	184.9	185.5	187.9	187.9	188.3	189.3	191.3	192.4	191.3
1982		187.5	192.9										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	216.67	213.44	213.15	214.25	214.27	217.89	220.66	217.75	217.75	222.35	220.58	225.47	228.23
1978	232.25	218.55	222.49	227.29	226.19	226.18	234.92	228.66	231.54	236.24	236.81	244.49	249.37
1979	253.04	242.78	246.10	248.35	242.40	246.24	253.12	249.69	254.81	258.96	256.47	264.55	272.39
1980	279.04	262.48	265.74	274.49	267.55	272.33	273.24	272.28	279.45	290.37	291.17	296.49	301.86
1981	307.35	292.54	295.80	297.75	299.88	303.32	305.78	300.92	310.75	312.42	316.71	321.86	327.89
1982		315.90	325.20										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	5.20	5.07	5.25	5.29	5.33	5.38	5.33	5.35	5.35	5.41	5.38	5.42	5.46
1978	5.61	5.45	5.48	5.49	5.49	5.53	5.58	5.55	5.62	5.72	5.72	5.78	5.84
1979	6.06	5.85	5.93	5.97	6.00	6.05	6.07	6.09	6.14	6.21	6.18	6.21	6.32
1980	6.74	6.34	6.45	6.52	6.59	6.61	6.60	6.69	6.75	6.98	7.05	7.11	7.17
1981	7.46	7.26	7.25	7.28	7.35	7.38	7.44	7.43	7.47	7.62	7.65	7.70	7.77
1982		7.80	7.76										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	40.5	40.5	40.6	40.5	40.2	40.5	41.4	40.7	40.7	41.1	41.0	41.6	41.8
1978	41.4	40.1	40.6	41.4	41.2	40.9	42.1	41.2	41.2	41.3	41.4	42.3	42.7
1979	41.6	41.5	41.5	41.6	40.4	40.7	41.7	41.0	41.5	41.7	41.5	42.6	43.1
1980	41.4	41.4	41.2	42.1	40.6	41.2	41.4	40.7	41.4	41.6	41.3	41.7	42.1
1981	41.2	40.8	40.8	40.9	40.8	41.1	41.1	40.5	41.6	41.0	41.4	41.8	42.2
1982		40.5	41.8										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	3.0	3.1	3.9	3.0	2.5	2.7	3.0	2.7	2.8	3.2	3.0	3.4	3.7
1978	3.2	2.6	3.4	3.4	3.1	2.8	3.3	2.7	3.1	3.4	3.2	3.4	3.5
1979	2.5	2.6	3.0	2.5	2.2	2.6	2.6	2.3	2.7	3.0	3.0	3.5	3.8
1980	2.7	2.7	2.7	3.0	2.4	2.5	2.4	2.1	2.7	2.9	2.6	2.8	2.9
1981	2.7	2.4	2.5	2.5	2.3	2.4	2.6	2.2	2.8	3.0	3.0	3.1	3.2
1982		2.4	2.6										

SIC 3573—ELECTRONIC COMPUTING EQUIPMENT

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	239.1	225.3	227.4	228.0	229.5	231.8	237.0	240.7	243.9	246.1	249.8	253.1	256.6
1978	276.6	258.3	261.6	263.3	267.8	270.1	275.5	280.0	282.9	284.8	288.3	291.4	294.7
1979	315.6	299.5	304.5	306.0	309.4	309.8	315.7	323.0	326.2	327.9	330.4	334.5	337.7
1980	354.2	339.1	340.6	342.7	345.5	346.8	355.5	357.7	359.7	359.4	363.1	366.7	371.0
1981	389.1	371.7	373.7	376.2	377.8	381.3	389.1	393.0	395.6	397.9	400.9	404.5	407.2
1982		407.5	409.8										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	76.3	70.3	71.3	71.4	71.4	72.1	74.8	76.4	78.0	79.2	81.7	83.8	85.1
1978	94.3	86.7	87.5	88.7	90.0	91.3	93.9	95.9	96.4	98.5	99.7	100.5	102.2
1979	110.8	103.1	105.1	106.3	107.4	108.0	109.9	114.1	115.1	115.9	117.2	119.0	120.4
1980	127.1	120.9	121.0	122.3	123.7	124.8	127.7	128.0	128.9	129.4	131.2	132.8	134.5
1981	141.6	134.6	135.0	136.0	136.7	137.7	140.5	142.3	143.7	145.4	147.9	149.1	150.0
1982		150.4	152.1										

SIC 3573—ELECTRONIC COMPUTING EQUIPMENT (Con.)

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	95.8	87.3	88.6	88.4	89.9	91.7	95.0	97.1	99.5	100.2	102.4	104.2	105.7
1978	113.0	106.1	107.2	108.5	110.0	110.5	112.0	112.9	113.5	115.3	118.0	120.2	122.0
1979	131.4	122.8	125.0	126.2	127.2	126.7	129.4	133.5	135.3	136.2	136.9	138.4	139.0
1980	141.8	138.1	138.0	138.2	139.2	140.2	142.7	141.5	143.3	143.8	144.5	145.8	146.0
1981	148.0	144.6	144.3	144.6	144.9	145.4	147.7	147.6	148.9	149.5	151.9	153.2	153.1
1982		154.2	156.1										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	223.85	219.35	217.75	218.43	216.81	221.41	225.30	222.89	225.09	228.53	225.22	228.36	231.38
1978	233.79	223.58	224.54	227.84	226.60	226.73	235.05	228.25	232.52	238.46	237.22	245.07	251.70
1979	256.23	246.29	247.21	248.71	244.01	248.87	256.43	252.97	260.83	265.23	258.75	266.48	275.82
1980	279.97	266.46	269.93	278.80	272.08	274.48	275.39	273.36	280.54	289.53	287.60	293.30	300.90
1981	307.60	289.27	293.35	296.12	298.98	300.94	303.73	300.37	313.74	314.71	319.01	324.10	331.27
1982		317.34	326.21										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	5.42	5.35	5.35	5.38	5.38	5.44	5.39	5.41	5.45	5.49	5.44	5.45	5.47
1978	5.62	5.48	5.49	5.49	5.50	5.53	5.57	5.54	5.63	5.76	5.73	5.78	5.84
1979	6.13	5.85	5.90	5.95	6.01	6.07	6.12	6.14	6.24	6.30	6.25	6.27	6.37
1980	6.73	6.39	6.52	6.56	6.62	6.63	6.62	6.70	6.76	6.91	6.93	7.00	7.08
1981	7.43	7.09	7.19	7.24	7.31	7.34	7.39	7.38	7.47	7.62	7.65	7.68	7.74
1982		7.74	7.73										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	41.3	41.0	40.7	40.6	40.3	40.7	41.8	41.2	41.3	41.7	41.4	41.9	42.3
1978	41.6	40.8	40.9	41.5	41.2	41.0	42.2	41.2	41.3	41.4	41.4	42.4	43.1
1979	41.8	42.1	41.9	41.8	40.6	41.0	41.9	41.2	41.8	42.1	41.4	42.5	43.3
1980	42.6	41.7	41.4	42.5	41.1	41.4	41.6	40.8	41.5	41.9	41.5	41.9	42.5
1981	41.4	40.8	40.8	40.9	40.9	41.0	41.1	40.7	42.0	41.3	41.7	42.2	42.8
1982		41.0	42.2										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	3.3	3.4	3.3	3.3	2.8	2.9	3.3	3.0	3.1	3.6	3.2	3.7	3.9
1978	3.2	3.0	3.6	3.4	3.2	2.9	3.3	2.8	3.1	3.5	3.1	3.3	3.6
1979	3.0	3.0	3.1	3.0	2.3	2.7	2.8	2.3	2.8	3.1	3.0	3.5	3.9
1980	2.7	3.0	2.7	3.0	2.6	2.5	2.4	2.2	2.6	2.8	2.7	2.9	3.2
1981	2.9	2.5	2.7	2.7	2.5	2.5	2.7	2.4	3.2	3.4	3.3	3.4	3.6
1982		2.7	3.1										

SIC 358—REFRIGERATION AND SERVICE MACHINERY

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	170.8	166.5	167.0	169.3	169.9	170.2	170.3	169.3	170.3	171.0	172.0	175.7	176.6
1978	184.4	180.2	180.0	182.7	183.3	184.9	187.0	186.0	183.2	184.4	186.9	185.0	186.0
1979	186.4	192.7	193.2	193.5	194.7	194.3	191.4	187.4	178.8	182.1	185.4	183.4	183.9
1980	174.2	185.1	185.2	185.5	180.8	174.3	167.2	163.4	163.3	166.2	171.1	173.7	173.9
1981	176.0	173.5	175.7	176.1	176.7	178.6	180.7	176.5	174.3	178.3	176.6	173.2	171.2
1982		168.3	169.4										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	32.9	31.4	31.4	31.6	32.0	32.4	32.6	32.6	33.4	33.4	33.7	34.7	35.3
1978	36.9	36.1	35.6	36.3	36.3	36.6	37.6	37.1	36.5	36.6	37.6	37.4	38.9
1979	39.6	39.3	39.7	40.0	41.3	41.4	39.8	38.3	37.0	38.7	39.9	40.1	39.5
1980	37.7	40.7	40.5	40.4	39.7	37.6	35.6	35.4	34.9	35.8	37.1	37.3	37.9
1981	38.2	38.3	38.4	38.5	38.6	39.1	39.7	38.0	37.0	38.3	38.1	37.2	36.8
1982		36.1	37.0										

See footnotes at end of tables.

SIC 358—REFRIGERATION AND SERVICE MACHINERY (Con.)

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Ave	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	119.0	115.4	114.8	117.6	118.1	118.5	118.1	116.9	118.3	119.3	120.6	123.9	126.6
1978	130.3	122.7	127.4	129.1	129.1	130.8	132.5	131.1	108.6	130.2	131.9	129.9	134.5
1979	133.3	131.0	131.6	137.9	140.6	139.9	136.7	130.0	123.7	127.5	131.7	128.5	127.1
1980	119.6	108.9	126.9	129.6	130.5	130.1	113.4	109.4	109.9	113.0	117.1	119.7	119.8
1981	120.8	119.7	122.2	122.6	123.6	125.4	127.0	123.3	121.1	125.5	123.9	120.7	118.7
1982		116.1	117.3										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Ave	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	222.43	207.66	214.59	220.80	216.99	221.09	223.74	219.22	222.44	226.29	240.06	245.48	254.66
1978	237.74	220.34	45.63	251.03	249.37	246.63	253.68	250.50	250.51	255.41	257.67	259.20	273.64
1979	267.79	256.49	261.79	262.99	262.43	263.66	266.49	264.37	266.51	271.08	273.06	273.08	266.34
1980	287.75	273.82	276.33	280.52	278.67	279.74	275.87	284.14	287.84	299.25	309.37	337.41	344.84
1981	320.82	304.77	313.60	316.43	312.83	315.36	320.75	316.01	318.77	317.58	334.51	337.41	320.38
1982		313.60	334.43										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Ave	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.70	5.52	5.61	5.60	5.60	5.69	5.64	5.65	5.65	5.66	5.82	5.87	5.90
1978	6.14	5.93	6.01	6.01	6.02	6.07	6.00	6.04	6.02	6.01	6.06	6.10	6.20
1979	6.47	6.33	6.43	6.46	6.43	6.47	6.52	6.58	6.54	6.54	6.57	6.50	6.43
1980	6.91	6.66	6.85	6.91	6.91	6.96	7.03	7.10	7.12	7.23	7.40	7.62	7.72
1981	8.00	7.77	7.93	7.94	7.95	7.95	7.97	7.94	7.96	8.07	8.04	8.29	8.29
1982		8.43	8.39										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Ave	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	39.0	37.5	38.0	38.6	40.0	39.8	39.1	39.6	39.5	39.3	40.6	40.9	41.6
1978	41.0	39.2	39.3	41.4	41.4	41.3	41.5	41.0	41.6	41.5	41.6	41.6	42.8
1979	41.3	41.4	40.9	42.6	43.8	43.3	41.9	40.9	40.1	41.2	41.6	41.0	40.4
1980	41.6	40.8	41.4	41.9	41.9	41.8	40.3	40.1	40.3	40.9	41.4	41.8	41.8
1981	41.3	41.1	41.4	41.4	41.4	41.6	42.0	41.3	41.0	41.8	41.2	40.8	40.2
1982		40.2	40.8										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Ave	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	2.9	2.4	2.6	3.0	3.2	3.2	3.0	3.2	3.2	3.1	3.5	3.6	3.8
1978	3.4	2.8	2.9	3.4	3.4	3.4	3.4	3.3	3.4	3.4	3.4	3.4	3.7
1979	3.3	3.3	3.1	3.6	3.8	3.6	3.4	3.2	3.1	3.2	3.3	3.2	3.1
1980	3.2	3.1	3.2	3.3	3.3	3.3	3.1	3.1	3.2	3.2	3.3	3.3	3.3
1981	3.2	3.2	3.2	3.2	3.2	3.3	3.3	3.2	3.2	3.3	3.2	3.2	3.1
1982		3.1	3.2										

SIC 3585—REFRIGERATION AND HEATING EQUIPMENT

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Ave	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	83.9	81.8	81.1	83.6	84.4	84.0	83.6	82.5	82.8	83.1	84.0	86.7	88.1
1978	90.1	90.4	91.3	91.9	91.2	91.5	92.4	92.1	92.5	88.8	89.2	91.3	89.4
1979	97.3	96.1	97.1	97.3	100.2	99.2	95.8	92.0	84.3	87.6	91.9	89.6	88.0
1980	91.6	90.1	89.8	89.9	89.3	88.7	75.3	77.0	72.4	76.1	79.5	82.6	81.1
1981	84.9	83.0	85.2	85.5	86.4	86.9	87.6	84.6	83.1	87.1	85.7	82.4	81.1
1982		78.2	80.0										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Ave	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	231.95	211.46	221.69	223.26	218.48	223.65	226.34	222.10	226.91	242.95	248.53	253.98	252.97
1978	258.79	238.99	253.33	259.44	252.51	257.46	260.53	260.63	246.85	262.63	263.88	265.52	280.61
1979	272.57	267.66	274.97	276.42	276.62	270.76	275.11	273.64	277.75	275.93	277.60	277.89	254.28
1980	293.66	279.99	281.39	286.48	285.05	276.85	282.24	280.17	284.41	306.42	304.74	319.80	329.68
1981	327.22	315.57	320.39	320.00	319.19	326.01	332.93	327.23	329.57	327.49	330.22	334.67	343.16
1982		316.19	336.41										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Ave	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.77	5.56	5.57	5.57	5.66	5.70	5.73	5.70	5.73	5.91	5.96	5.98	6.02
1978	6.26	6.02	6.12	6.13	6.07	6.13	6.13	6.25	6.21	6.39	6.43	6.54	6.71
1979	6.73	6.53	6.64	6.56	6.47	6.52	6.71	6.74	6.76	6.83	6.84	6.93	7.08
1980	7.36	7.08	7.07	7.14	7.16	7.15	7.20	7.16	7.22	7.56	7.58	7.80	7.75
1981	8.15	7.85	7.95	7.98	8.04	8.01	8.14	8.14	8.26	8.27	8.36	8.42	8.53
1982		8.47	8.56										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Ave	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	40.3	39.3	39.8	40.1	41.8	41.4	40.5	40.3	40.5	41.0	41.4	41.5	41.9
1978	41.4	40.1	41.5	41.7	41.8	41.9	41.9	41.7	41.4	41.6	41.5	41.7	42.2
1979	41.4	41.1	41.0	41.2	41.6	41.6	41.0	40.9	40.9	41.2	41.4	41.6	41.7
1980	41.6	41.1	41.3	41.3	41.3	41.4	41.4	41.4	41.7	41.8	41.8	42.0	41.9
1981	41.8	41.6	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
1982		41.8	41.8										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Ave	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.3	3.1	3.2	3.3	3.5	3.4	3.3	3.3	3.3	3.4	3.5	3.5	3.6
1978	3.5	3.2	3.4	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.6
1979	3.5	3.4	3.4	3.5	3.5	3.5	3.4	3.4	3.4	3.4	3.5	3.5	3.5
1980	3.5	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.5	3.5	3.5	3.5	3.5
1981	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
1982		3.5	3.5										

SIC 359—MISC. MACHINERY, EXCEPT ELECTRICAL

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Ave	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	334.5	326.1	329.1	332.1	336.1	338.1	339.1	340.1	341.1	342.1	343.1	344.1	345.1
1978	346.1	347.1	348.1	349.1	350.1	351.1	352.1	353.1	354.1	355.1	356.1	357.1	358.1
1979	359.1	360.1	361.1	362.1	363.1	364.1	365.1	366.1	367.1	368.1	369.1	370.1	371.1
1980	372.1	373.1	374.1	375.1	376.1	377.1	378.1	379.1	380.1	381.1	382.1	383.1	384.1
1981	385.1	386.1	387.1	388.1	389.1	390.1	391.1	392.1	393.1	394.1	395.1	396.1	397.1
1982		398.1	399.1										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Ave	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	112.1	109.1	110.1	111.1	112.1	113.1	114.1	115.1	116.1	117.1	118.1	119.1	120.1
1978	121.1	122.1	123.1	124.1	125.1	126.1	127.1	128.1	129.1	130.1	131.1	132.1	133.1
1979	134.1	135.1	136.1	137.1	138.1	139.1	140.1	141.1	142.1	143.1	144.1	145.1	146.1
1980	147.1	148.1	149.1	150.1	151.1	152.1	153.1	154.1	155.1	156.1	157.1	158.1	159.1
1981	160.1	161.1	162.1	163.1	164.1	165.1	166.1	167.1	168.1	169.1	170.1	171.1	172.1
1982		173.1	174.1										

SIC 359—MISC. MACHINERY, EXCEPT ELECTRICAL (Con.)

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	184.2	175.7	177.8	179.6	178.8	180.1	183.8	185.1	186.0	187.3	188.6	191.3	196.1
1978	201.0	194.8	194.2	196.6	198.4	196.8	199.9	199.4	200.0	203.6	205.9	209.9	212.4
1979	222.1	213.9	217.5	218.4	219.8	219.6	222.8	222.2	221.1	225.0	225.8	228.7	229.9
1980	223.1	229.6	230.3	231.5	230.4	226.4	223.5	218.9	216.5	216.5	217.6	216.9	218.2
1981	223.3	219.3	220.3	221.7	222.2	224.5	226.1	223.5	223.6	229.1	227.1	223.5	218.9
1982		218.1	212.7										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	250.56	239.20	243.34	243.60	241.78	248.14	250.07	247.52	249.00	256.62	258.30	260.60	266.45
1978	276.85	265.02	262.29	267.34	270.30	272.41	277.55	272.30	271.47	284.00	285.24	290.06	305.23
1979	294.65	293.09	296.27	302.23	271.83	289.64	290.87	288.35	288.75	298.19	302.00	302.58	310.75
1980	319.02	308.56	313.25	312.30	312.77	312.94	311.08	307.65	314.38	326.40	329.66	335.38	344.45
1981	344.25	336.96	334.09	341.52	339.01	345.63	346.01	343.40	345.51	343.94	349.80	353.10	354.38
1982		338.03	351.92										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.98	5.75	5.76	5.80	5.84	5.88	5.94	5.95	6.00	6.11	6.15	6.19	6.24
1978	6.53	6.22	6.29	6.32	6.39	6.44	6.50	6.53	6.51	6.62	6.68	6.73	6.89
1979	7.03	6.88	6.89	6.88	6.83	7.03	7.06	7.05	7.06	7.22	7.33	7.36	7.47
1980	7.49	7.46	7.53	7.56	7.61	7.67	7.70	7.73	7.84	8.00	8.08	8.16	8.28
1981	8.50	8.32	8.29	8.35	8.35	8.43	8.46	8.50	8.51	8.62	8.68	8.74	8.75
1982		8.78	8.82										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	41.9	41.6	42.1	42.0	41.4	42.2	42.1	41.6	41.5	42.0	42.0	42.1	42.7
1978	42.4	41.0	41.7	42.3	42.3	42.3	42.7	41.7	41.7	42.9	42.7	43.1	44.3
1979	41.5	42.6	43.0	43.3	39.8	41.2	41.2	40.9	40.9	41.3	41.2	41.0	41.6
1980	41.9	41.1	41.6	41.2	41.1	40.8	40.4	39.8	40.1	40.8	40.8	41.1	41.6
1981	40.5	40.5	40.3	40.9	40.6	41.0	40.9	40.4	40.6	39.9	40.3	40.4	40.5
1982		38.5	39.9										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.6	4.4	4.3	4.4	4.1	4.5	4.6	4.6	4.6	4.7	4.9	4.7	4.9
1978	4.8	4.6	4.6	4.7	4.7	4.6	4.8	4.6	4.6	5.0	5.1	5.2	5.5
1979	4.4	5.1	5.1	5.2	3.2	4.5	4.3	4.1	4.0	4.2	4.3	4.2	4.4
1980	3.6	4.1	4.4	4.1	4.0	3.7	3.5	3.2	3.4	3.7	3.8	3.7	4.1
1981	3.0	3.6	3.6	3.8	3.3	3.7	3.9	3.6	3.7	3.1	3.4	3.2	3.4
1982		2.9	3.0										

SIC 3592—CARBURETORS, PISTONS, RINGS, VALVES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	36.6	34.7	34.9	35.2	35.2	35.7	35.4	36.3	36.8	37.6	38.1	39.1	40.4
1978	40.0	39.6	39.6	39.8	39.4	39.5	39.0	38.3	38.9	40.7	40.9	41.5	42.6
1979	43.0	42.5	42.7	43.0	43.5	43.1	43.3	42.4	41.9	43.3	43.4	43.4	43.8
1980	39.0	43.2	42.4	42.3	41.6	40.3	38.4	35.6	35.5	36.9	37.0	37.2	37.0
1981	37.7	36.6	37.3	37.6	38.4	38.9	39.0	37.9	38.1	39.2	38.2	36.9	34.0
1982		34.7	31.3										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	28.9	27.3	27.5	27.5	27.7	28.2	27.7	28.5	28.9	29.5	30.1	31.0	32.3
1978	31.6	31.4	31.4	31.6	31.1	31.2	30.6	30.1	30.5	32.1	32.3	32.8	33.9
1979	34.2	33.7	34.0	34.3	34.8	34.4	34.6	33.6	33.1	34.1	34.3	34.6	34.8
1980	30.7	34.5	33.6	33.7	33.1	31.9	29.9	27.4	27.4	28.9	29.1	29.5	29.4
1981	30.4	29.7	30.2	30.7	31.5	31.8	31.6	30.5	30.6	31.6	30.6	29.4	26.1
1982		26.8	23.5										

See footnotes at end of tables.

SIC 3592—CARBURETORS, PISTONS, RINGS, VALVES (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	300.48	280.80	295.84	299.20	290.34	305.54	315.32	291.21	291.62	303.05	306.25	309.64	312.18
1978	317.58	295.08	302.63	302.73	310.06	310.06	319.60	304.09	298.00	322.27	325.71	337.70	372.67
1979	339.89	349.80	351.11	342.66	298.38	340.55	338.24	334.97	330.88	343.62	348.94	336.36	357.20
1980	374.44	350.07	355.31	346.28	356.53	346.58	355.50	348.30	366.88	399.23	411.18	423.00	447.55
1981	406.22	424.97	394.42	397.54	391.72	410.85	412.68	398.40	401.60	406.30	403.52	417.20	414.16
1982		375.34	428.93										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	7.07	6.75	6.88	6.91	6.88	6.96	7.07	6.95	7.13	7.32	7.24	7.39	7.26
1978	7.49	7.25	7.24	7.33	7.40	7.40	7.52	7.49	7.34	7.46	7.61	7.71	7.98
1979	8.21	8.06	8.09	8.12	7.73	8.07	8.17	8.19	8.19	8.26	8.49	8.43	8.67
1980	9.20	8.73	8.48	8.55	8.76	8.73	9.00	9.19	9.48	9.62	9.79	10.00	10.36
1981	10.08	10.34	9.91	9.84	9.72	9.90	10.09	10.01	9.99	10.26	10.19	10.43	10.38
1982		10.34	10.75										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	42.5	41.6	43.0	43.3	42.2	43.9	44.6	41.9	40.9	41.4	42.3	41.9	43.0
1978	42.4	40.7	41.8	41.3	41.9	41.9	42.5	40.6	40.6	43.2	42.8	43.8	46.7
1979	41.4	43.4	43.4	42.2	38.6	42.2	41.4	40.9	40.4	41.6	41.1	39.9	41.2
1980	40.7	40.1	41.9	40.5	40.7	39.7	39.5	37.9	38.7	41.5	42.0	42.3	43.2
1981	40.3	41.1	39.6	40.4	40.3	41.5	40.9	39.8	40.2	39.6	39.6	40.0	39.9
1982		36.3	39.9										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.8	3.5	3.5	3.6	3.3	3.9	5.1	3.8	4.0	3.9	3.6	3.4	3.9
1978	3.7	3.3	3.6	2.9	3.4	3.2	3.5	3.3	3.2	4.2	4.0	4.7	4.6
1979	3.6	5.1	4.8	4.0	1.7	4.4	3.4	3.7	3.2	3.4	3.2	3.2	3.5
1980	2.9	2.7	3.6	2.8	2.5	1.9	2.1	1.9	2.8	3.4	3.3	3.6	4.8
1981	2.5	3.4	2.6	2.4	1.8	2.9	3.3	3.0	2.7	1.9	1.8	1.7	1.8
1982		9	1.6										

SIC 3599—MACHINERY, EXCEPT ELECTRICAL, NEC

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	204.1	195.2	198.7	199.4	199.3	200.3	204.9	205.8	206.4	206.9	208.0	210.0	214.1
1978	220.9	213.6	212.9	214.5	217.5	216.4	221.1	221.8	221.9	223.8	226.1	230.0	231.1
1979	243.3	233.8	237.2	238.2	240.2	239.5	242.9	244.5	246.6	246.6	247.7	249.7	252.6
1980	251.0	253.9	255.6	257.1	256.4	253.6	252.0	249.5	248.1	245.5	246.5	245.2	248.8
1981	253.6	249.2	249.6	250.4	251.2	253.3	255.7	254.5	254.3	258.6	257.7	255.1	253.3
1982		252.3	249.9										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	35.6	34.4	35.2	35.2	35.1	34.9	35.2	35.1	35.4	36.0	36.4	37.0	37.6
1978	36.6	37.0	36.4	36.4	36.7	36.6	37.0	36.7	36.7	36.5	36.9	37.5	37.3
1979	38.7	37.6	37.9	37.9	38.1	38.0	38.6	38.8	39.2	39.0	39.4	39.6	40.0
1980	39.0	40.2	40.6	40.9	40.6	40.0	39.1	38.6	37.7	37.3	38.0	37.7	37.6
1981	38.9	37.6	37.5	37.4	38.0	38.8	39.2	38.9	39.2	40.1	40.3	40.0	39.6
1982		38.8	38.4										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	155.3	148.4	150.3	151.6	151.1	151.9	156.1	156.6	157.1	157.8	158.5	160.3	163.8
1978	169.4	163.4	162.8	165.0	167.3	165.6	169.3	169.3	169.5	171.5	173.6	177.1	178.5
1979	187.9	180.2	183.5	184.1	185.0	185.2	188.2	188.6	188.0	190.9	191.5	194.1	195.1
1980	192.3	195.4	196.5	197.8	197.3	194.5	193.6	191.5	189.1	187.6	188.5	187.4	188.8
1981	193.0	189.6	190.1	191.0	190.7	192.7	194.5	193.0	193.0	197.5	196.5	194.1	192.8
1982		191.3	189.2										

SIC 3599—MACHINERY, EXCEPT ELECTRICAL, NEC (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	241.13	233.28	233.66	233.93	237.57	238.94	240.03	241.28	247.97	249.89	250.90	257.30
1978	268.80	247.41	254.73	260.61	262.68	265.40	265.86	266.48	266.48	276.49	277.98	283.03	304.61
1979	288.03	280.61	288.14	294.50	297.87	298.01	299.03	300.68	304.35	299.64	293.34	296.68	305.03	312.89
1980	311.03	300.29	306.43	306.79	307.51	308.16	309.91	309.98	309.56	313.00	313.87	328.33	330.30
1981	334.91	322.01	330.69	335.79	335.26	334.94	337.30	333.56	341.36	343.02	346.32
1982		332.02	347.74										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	5.77	5.56	5.57	5.58	5.67	5.70	5.73	5.77	5.80	5.85	5.84	5.96	6.04
1978	6.24	5.93	6.03	6.13	6.22	6.27	6.30	6.33	6.36	6.46	6.51	6.58	6.67	6.80
1979	6.84	6.64	6.80	6.91	6.99	7.00	7.05	7.08	7.13	7.08	7.03	7.08	7.17	7.34
1980	7.39	7.09	7.23	7.23	7.25	7.26	7.30	7.31	7.31	7.42	7.46	7.74	7.80
1981	7.93	7.59	7.79	8.00	8.01	8.00	8.07	8.06	8.06	8.15	8.23	8.32
1982		8.01	8.37										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	41.8	41.6	41.9	41.8	41.9	41.7	41.6	41.6	42.1	42.3	42.1	43.0
1978	42.4	41.7	42.2	42.5	42.2	42.4	42.2	42.1	41.9	42.8	42.6	43.0	45.6
1979	42.1	42.3	42.3	42.6	42.6	42.6	42.4	42.4	42.7	42.3	41.8	41.9	42.6	42.6
1980	42.1	42.4	42.4	42.4	42.4	42.7	42.4	42.4	42.4	42.2	42.1	42.4	42.4
1981	42.2	42.1	42.7	42.0	41.8	41.9	42.0	41.4	42.4	42.1	42.1	42.4
1982		39.9	39.9										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	4.7	4.5	4.6	4.5	4.6	4.5	4.6	4.7	4.8	5.1	5.0	5.1
1978	4.9	4.6	4.8	4.9	4.8	4.9	4.8	4.8	4.6	5.0	4.9	5.0	5.2
1979	4.6	4.8	4.8	4.9	4.9	4.9	4.7	4.7	4.9	4.6	4.2	4.3	4.8	4.8
1980	4.5	4.7	4.7	4.7	4.7	4.9	4.7	4.7	4.7	4.5	4.4	4.7	4.7
1981	4.6	4.5	5.0	4.4	4.2	4.3	4.4	4.0	4.8	4.5	4.5	4.8
1982		3.9	3.9										

SIC 36—ELECTRIC AND ELECTRONIC EQUIPMENT

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	679.1	669.9	673.0	672.3	675.0	680.9	685.1	687.4	690.5	691.7	693.1	694.1	696.7
1978	706.1	698.4	700.1	703.1	704.1	707.1	709.1	710.7	712.1	713.1	714.4	715.1	716.1	717.1
1979	722.1	719.1	720.1	721.1	722.1	723.1	724.1	725.1	726.1	727.1	728.1	729.1	730.1	731.1
1980	732.1	731.1	732.1	733.1	734.1	735.1	736.1	737.1	738.1	739.1	740.1	741.1	742.1
1981	743.1	742.1	743.1	744.1	745.1	746.1	747.1	748.1	749.1	750.1	751.1	752.1
1982		745.1	746.1										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	773.1	767.1	768.1	769.1	770.1	771.1	772.1	773.1	774.1	775.1	776.1	777.1	778.1	779.1
1978	780.1	779.1	780.1	781.1	782.1	783.1	784.1	785.1	786.1	787.1	788.1	789.1	790.1	791.1
1979	792.1	791.1	792.1	793.1	794.1	795.1	796.1	797.1	798.1	799.1	800.1	801.1	802.1	803.1
1980	804.1	803.1	804.1	805.1	806.1	807.1	808.1	809.1	810.1	811.1	812.1	813.1	814.1
1981	815.1	814.1	815.1	816.1	817.1	818.1	819.1	820.1	821.1	822.1	823.1	824.1
1982		817.1	818.1										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	533.1	527.1	529.1	528.1	530.1	534.1	537.1	539.1	542.1	543.1	544.1	545.1	547.1	548.1
1978	554.1	548.1	549.1	551.1	552.1	554.1	556.1	557.1	558.1	559.1	560.1	561.1	562.1	563.1
1979	566.1	564.1	565.1	566.1	567.1	568.1	569.1	570.1	571.1	572.1	573.1	574.1	575.1	576.1
1980	577.1	576.1	577.1	578.1	579.1	580.1	581.1	582.1	583.1	584.1	585.1	586.1	587.1
1981	588.1	587.1	588.1	589.1	590.1	591.1	592.1	593.1	594.1	595.1	596.1	597.1
1982		590.1	591.1										

SIC 36—ELECTRIC AND ELECTRONIC EQUIPMENT (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	217.76	204.85	212.85	214.93	214.93	214.93	214.93	214.93	214.93	214.93	214.93	214.93	214.93	214.93
1978	234.93	224.93	224.93	224.93	224.93	224.93	224.93	224.93	224.93	224.93	224.93	224.93	224.93	224.93
1979	254.93	248.64	248.64	248.64	248.64	248.64	248.64	248.64	248.64	248.64	248.64	248.64	248.64	248.64
1980	267.71	260.14	260.14	260.14	260.14	260.14	260.14	260.14	260.14	260.14	260.14	260.14	260.14	260.14
1981	304.14	295.54	299.75	297.11	301.11	303.11	303.11	305.11	307.11	309.11	311.11	313.11
1982		304.04	315.81										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	5.29	5.03	5.03	5.03	5.04	5.05	5.04	5.05	5.04	5.05	5.04	5.05	5.04	5.05
1978	5.60	5.33	5.33	5.33	5.34	5.35	5.34	5.35	5.34	5.35	5.34	5.35	5.34	5.35
1979	6.00	5.84	5.84	5.84	5.84	5.84	5.84	5.84	5.84	5.84	5.84	5.84	5.84	5.84
1980	6.34	6.16	6.16	6.16	6.16	6.16	6.16	6.16	6.16	6.16	6.16	6.16	6.16	6.16
1981	6.82	6.62	6.72	6.66	6.75	6.80	6.80	6.84	6.88	6.93	6.97	7.02
1982		6.81	7.08										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	40.4	39.1	40.4	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
1978	40.3	39.1	39.6	40.4	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
1979	39.6	40.1	40.1	40.1	39.6	40.1	39.6	40.1	39.6	40.1	39.6	40.1	39.6	40.1
1980	39.4	40.1	40.1	39.6	40.1	39.6	40.1	39.6	40.1	39.6	40.1	39.6	40.1
1981	39.1	39.1	39.6	39.1	39.6	39.1	39.6	39.1	39.6	39.1	39.6	39.1
1982		38.1	38.4										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	2.6	2.3	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
1978	2.6	2.3	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
1979	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
1980	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
1981	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
1982		2.4	2.4										

SIC 361—ELECTRIC DISTRIBUTING EQUIPMENT

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	41.1	40.9	41.0	41.1	41.2	41.3	41.4	41.5	41.6	41.7	41.8	41.9	42.0	42.1
1978	42.2	42.3	42.4	42.5	42.6	42.7	42.8	42.9	43.0	43.1	43.2	43.3	43.4	43.5
1979	43.6	43.7	43.8	43.9	44.0	44.1	44.2	44.3	44.4	44.5	44.6	44.7	44.8	44.9
1980	45.0	45.1	45.2	45.3	45.4	45.5	45.6	45.7	45.8	45.9	46.0	46.1	46.2	46.3
1981	46.4	46.5	46.6	46.7	46.8	46.9	47.0	47.1	47.2	47.3	47.4	47.5
1982		47.6	47.7										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	42.1	42.0	42.1	42.2	42.3	42.4	42.5	42.6	42.7	42.8	42.9	43.0	43.1	43.2
1978	43.3	43.4	43.5	43.6	43.7	43.8	43.9	44.0	44.1	44.2	44.3	44.4	44.5	44.6
1979	44.7	44.8	44.9	45.0	45.1	45.2	45.3	45.4	45.5	45.6	45.7	45.8	45.9	46.0
1980	46.1	46.2	46.3	46.4	46.5	46.6	46.7	46.8	46.9	47.0	47.1	47.2	47.3	47.4
1981	47.5	47.6	47.7	47.8	47.9	48.0	48.1	48.2	48.3	48.4	48.5	48.6
1982		48.7	48.8										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	31.1	30.9	31.0	31.1	31.2	31.3	31.4	31.5	31.6	31.7	31.8	31.9	32.0	32.1
1978	32.2	32.3	32.4	32.5	32.6	32.7	32.8	32.9	33.0	33.1	33.2	33.3	33.4	33.5
1979	33.6	33.7	33.8	33.9	34.0	34.1	34.2	34.3	34.4	34.5	34.6	34.7	34.8	34.9
1980	35.0	35.1	35.2	35.3	35.4	35.5	35.6	35.7	35.8	35.9	36.0	36.1	36.2	36.3
1981	36.4	36.5	36.6	36.7	36.8	36.9	37.0	37.1	37.2	37.3	37.4	37.5
1982		37.6	37.7										

See footnotes at end of tables.

SIC 361—ELECTRIC DISTRIBUTING EQUIPMENT (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	221.54	209.61	214.37	213.19	212.27	214.00	221.94	221.50	220.70	228.07	225.59	230.68	239.79
1978	237.98	227.88	223.86	234.84	234.09	232.36	232.80	236.02	235.42	244.62	245.43	249.49	257.30
1979	255.10	247.38	249.02	254.20	242.87	252.72	256.00	248.22	245.92	260.09	263.74	267.65	277.72
1980	276.31	268.44	269.20	270.68	271.72	266.17	265.48	270.02	274.38	281.64	279.42	292.41	303.46
1981	300.49	290.60	292.25	296.00	292.99	299.09	300.00	304.07	303.34	298.31	306.48	306.13	311.60
1982		293.09	306.92										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.47	5.32	5.28	5.29	5.32	5.35	5.40	5.51	5.49	5.59	5.57	5.64	5.78
1978	5.92	5.74	5.74	5.77	5.78	5.78	5.82	5.96	5.96	6.04	6.06	6.10	6.23
1979	6.33	6.20	6.21	6.20	6.18	6.24	6.29	6.30	6.21	6.47	6.48	6.56	6.66
1980	6.96	6.69	6.73	6.75	6.81	6.79	6.86	7.05	7.09	7.13	7.11	7.22	7.33
1981	7.55	7.32	7.38	7.40	7.38	7.44	7.50	7.64	7.66	7.61	7.72	7.75	7.79
1982		7.50	7.77										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	40.5	39.4	40.6	40.3	39.9	40.0	41.1	40.2	40.2	40.8	40.5	40.9	41.4
1978	40.3	39.7	39.0	40.7	40.5	40.2	40.0	39.6	39.5	40.5	40.5	40.9	41.3
1979	40.3	39.9	40.1	41.0	39.3	40.5	40.7	39.4	39.6	40.2	40.7	40.8	41.7
1980	39.7	40.2	40.0	40.1	39.9	39.2	38.7	38.3	38.7	39.5	39.3	40.5	41.4
1981	39.8	39.7	39.6	40.0	39.7	40.2	40.0	39.8	39.6	39.2	39.7	39.5	40.0
1982		37.1	39.5										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	2.4	1.9	2.0	2.2	1.9	2.3	2.7	2.4	2.2	2.6	2.5	2.7	3.4
1978	2.6	2.4	2.7	2.7	2.5	2.2	2.5	2.9	2.6	2.9	3.0	3.1	3.6
1979	2.6	2.6	2.8	2.8	2.0	2.8	3.1	2.7	2.4	2.7	2.9	3.1	3.5
1980	2.4	2.7	2.4	2.5	2.3	2.1	2.1	2.3	2.1	2.4	2.1	2.6	3.0
1981	2.4	2.6	2.4	2.5	2.2	2.7	2.7	2.7	2.8	2.3	2.4	2.2	2.4
1982		2.1	1.9										

SIC 3612—TRANSFORMERS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	53.6	52.3	52.8	51.9	53.5	53.6	54.1	53.9	53.8	53.8	54.2	54.3	54.8
1978	55.2	55.0	55.2	55.2	54.7	54.8	55.1	54.0	55.1	55.3	55.2	55.6	55.7
1979	55.6	55.5	55.4	55.6	55.9	55.8	56.6	56.0	51.7	56.4	55.8	56.3	56.5
1980	52.8	56.6	56.3	56.0	55.6	54.9	53.5	51.7	51.3	52.2	52.1	52.2	52.7
1981	54.0	52.7	52.9	53.3	53.5	53.7	54.5	53.5	54.5	55.3	55.0	54.4	54.3
1982		52.9	52.2										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	19.1	18.1	18.6	18.2	19.6	19.6	19.9	19.4	19.2	18.9	19.2	19.3	19.5
1978	19.4	19.5	19.6	19.7	19.3	19.5	19.5	19.0	19.0	19.3	19.4	19.5	19.4
1979	19.8	19.2	19.4	19.5	19.4	19.4	19.8	19.3	19.3	20.6	20.4	20.5	20.5
1980	18.7	20.6	20.2	20.2	19.9	19.4	18.4	17.2	17.0	17.6	17.8	17.9	18.2
1981	19.4	18.2	18.8	19.7	19.2	19.2	19.6	18.7	19.4	20.4	20.4	19.9	19.5
1982		18.7	18.2										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	37.5	35.9	36.4	35.9	37.5	37.6	38.1	37.8	37.9	37.8	38.0	38.2	38.5
1978	39.0	39.6	39.1	39.1	38.6	38.8	39.0	37.7	38.6	39.2	39.3	39.6	39.8
1979	39.6	39.4	39.7	39.8	40.2	40.0	40.8	40.0	37.3	40.3	39.6	40.1	40.1
1980	37.5	40.4	39.9	39.5	39.3	38.5	37.1	35.6	35.2	36.0	35.9	36.1	36.3
1981	38.1	36.6	36.6	37.7	37.7	37.9	38.8	37.6	38.4	39.3	39.0	38.4	38.4
1982		37.7	37.2										

See footnotes at end of Tables.

SIC 3612—TRANSFORMERS (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	204.42	196.98	199.84	198.68	197.51	197.11	204.59	205.82	205.82	209.27	208.24	211.93	215.83
1978	225.74	212.00	211.18	219.65	218.56	217.34	223.71	227.21	230.68	231.09	233.54	238.46	242.19
1979	243.00	238.68	233.42	241.49	232.66	240.94	244.80	233.84	234.37	246.43	248.88	252.96	263.33
1980	271.08	256.96	261.70	264.37	264.66	261.35	262.40	270.38	274.82	278.00	277.31	288.35	296.90
1981	298.08	287.74	286.48	294.17	292.41	296.53	294.44	305.93	305.86	298.89	303.06	299.02	310.54
1982		284.87	298.29										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.06	4.90	4.91	4.93	4.95	4.94	4.99	5.12	5.12	5.18	5.18	5.22	5.29
1978	5.56	5.34	5.36	5.41	5.41	5.42	5.51	5.61	5.64	5.65	5.71	5.76	5.85
1979	6.00	5.85	5.85	5.89	5.89	5.92	6.00	5.95	5.83	6.13	6.13	6.20	6.33
1980	6.76	6.44	6.51	6.56	6.60	6.55	6.66	6.88	6.94	6.95	6.95	7.05	7.12
1981	7.36	7.14	7.18	7.21	7.22	7.25	7.27	7.48	7.46	7.38	7.52	7.57	7.63
1982		7.72	7.59										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	40.4	40.2	40.7	40.3	39.9	39.9	41.0	40.2	40.2	40.4	40.2	40.6	40.8
1978	40.6	39.7	39.4	40.6	40.4	40.1	40.6	40.5	40.9	40.9	40.9	41.4	41.4
1979	40.5	40.8	39.9	41.0	39.5	40.7	40.8	39.3	40.2	40.2	40.6	40.8	41.6
1980	40.1	39.9	40.2	40.3	40.1	39.9	39.4	39.3	39.6	40.0	39.9	40.9	41.7
1981	40.5	40.3	39.9	40.8	40.5	40.9	40.5	40.9	41.0	40.5	40.3	39.5	40.7
1982		36.9	39.3										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	2.5	2.3	2.6	2.8	2.4	2.8	3.0	2.9	2.0	2.3	1.9	2.3	2.7
1978	2.7	2.1	2.1	2.4	2.2	1.9	2.3	3.1	3.0	3.1	3.1	3.3	3.9
1979	3.1	3.3	3.0	3.1	2.6	3.4	3.6	2.9	2.8	2.9	3.1	3.3	3.8
1980	2.6	3.0	2.6	2.8	2.6	2.6	2.5	2.9	2.2	2.3	2.2	2.5	2.8
1981	2.6	2.3	2.3	2.5	2.3	2.7	2.6	3.4	2.8	2.6	2.5	2.2	2.9
1982		2.4	2.2										

SIC 3613—SWITCHGEAR AND SWITCHBOARD APPARATUS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	65.4	63.5	63.2	63.5	63.8	64.7	65.5	65.8	66.3	66.6	67.3	67.6	67.3
1978	68.2	67.2	68.3	68.6	67.8	67.8	67.8	67.5	68.2	68.3	68.6	69.1	69.5
1979	69.9	70.0	70.0	70.6	70.7	70.4	70.8	69.7	65.7	70.0	69.9	70.5	71.0
1980	68.7	71.1	70.6	70.6	70.0	69.3	68.2	65.6	66.8	67.7	67.6	68.0	68.8
1981	67.7	67.8	68.0	67.7	68.1	68.3	69.1	66.6	67.3	67.6	67.4	67.1	67.1
1982		65.9	64.9										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	23.4	22.1	22.0	22.2	22.5	22.8	23.4	23.6	24.0	24.3	24.8	24.8	24.4
1978	24.4	24.0	24.4	24.4	24.1	24.3	24.2	23.9	24.4	24.4	24.7	25.0	25.1
1979	26.3	25.7	25.6	26.2	26.5	26.5	27.3	26.6	24.6	26.4	26.5	26.9	27.1
1980	26.1	26.2	26.4	26.6	26.7	26.4	25.8	23.9	25.1	25.7	26.1	26.6	27.2
1981	27.0	26.7	26.9	26.8	27.2	27.4	27.9	26.4	26.6	27.0	26.9	26.7	26.9
1982		26.3	26.2										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	47.0	45.4	45.0	45.5	45.6	46.4	47.2	46.9	47.9	48.2	48.8	49.1	48.5
1978	49.3	48.4	49.6	50.0	48.9	48.9	49.0	48.8	49.3	49.2	49.5	49.9	50.5
1979	50.4	50.9	50.9	50.5	51.9	51.4	51.5	50.6	46.4	49.3	49.8	50.4	50.7
1980	48.3	50.8	49.9	49.6	49.2	48.0	47.4	45.6	46.6	47.6	47.9	48.1	49.0
1981	48.0	47.9	47.8	47.8	48.5	48.7	49.4	47.3	47.7	48.2	48.0	47.6	47.6
1982		45.6	45.3										

SIC 3613—SWITCHGEAR AND SWITCHBOARD APPARATUS (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	234.50	219.61	225.43	224.67	224.07	228.34	226.08	234.55	222.36	243.49	238.91	245.55	258.10
1978	247.38	240.58	233.75	236.24	246.04	244.20	240.77	242.97	239.86	254.64	254.87	258.62	268.79
1979	265.32	254.66	260.90	264.04	250.68	262.20	264.47	259.91	254.67	270.95	274.73	279.76	298.56
1980	279.62	276.36	275.71	275.71	276.71	270.13	267.78	270.72	274.70	284.26	281.25	295.47	307.84
1981	302.33	292.43	295.93	297.47	294.39	300.96	304.52	302.25	301.06	297.94	310.08	312.05	312.84
1982		299.46	314.42										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.79	5.66	5.58	5.56	5.63	5.68	5.73	5.82	5.78	5.90	5.87	5.95	6.16
1978	6.20	6.06	6.04	6.05	6.06	6.06	6.08	6.23	6.23	6.35	6.34	6.37	6.54
1979	6.50	6.48	6.49	6.44	6.40	6.49	6.53	6.56	6.53	6.74	6.75	6.84	6.92
1980	7.12	6.99	6.91	6.92	6.97	6.98	7.01	7.05	7.01	7.27	7.23	7.35	7.49
1981	7.71	7.46	7.50	7.55	7.51	7.60	7.65	7.77	7.64	7.82	7.89	7.96	7.92
1982		8.05	7.92										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	40.5	39.6	40.4	40.3	40.2	41.2	40.3	40.2	41.1	41.1	40.7	41.2	41.9
1978	39.9	39.7	38.7	40.1	40.3	39.6	39.0	38.5	39.0	40.1	40.2	40.6	41.1
1979	40.2	39.3	40.2	41.0	39.2	40.4	40.5	39.5	39.0	40.2	40.7	40.9	41.7
1980	39.1	41.4	39.6	39.4	39.7	39.7	38.2	38.5	37.6	39.1	38.9	40.3	41.1
1981	39.2	39.2	38.9	39.4	39.2	39.6	39.6	38.9	38.4	39.1	38.9	39.5	39.5
1982		37.2	39.1										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	1.4	1.6	1.6	1.7	1.6	1.9	1.5	1.3	1.8	1.8	1.6	1.8	2.0
1978	1.6	1.6	1.5	1.9	1.7	1.5	1.4	1.5	1.6	1.8	1.8	1.9	2.1
1979	1.5	1.5	1.7	2.1	1.4	1.6	1.6	1.4	1.4	1.7	1.8	1.8	2.0
1980	1.2	1.5	1.3	1.3	1.4	1.4	1.2	1.2	1.1	1.4	1.3	1.5	1.7
1981	1.2	1.2	1.1	1.3	1.2	1.3	1.3	1.2	1.1	1.3	1.2	1.3	1.3
1982		1.0	1.1										

SIC 362—ELECTRICAL INDUSTRIAL APPARATUS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	232.9	226.9	227.1	227.3	229.2	233.1	234.2	233.2	233.0	235.8	237.1	239.1	240.8
1978	245.1	241.8	243.1	242.3	243.8	244.2	245.3	244.8	244.0	246.7	247.1	248.2	249.2
1979	251.5	246.8	250.6	250.5	252.1	253.4	253.3	256.2	254.2	255.3	256.4	257.1	258.0
1980	239.9	251.4	250.6	250.0	250.7	244.1	236.7	233.8	229.9	230.7	251.1	256.0	258.9
1981	240.8	237.5	238.9	240.4	241.6	242.4	243.6	243.7	243.7	245.1	246.1	248.9	
1982		232.1	229.8										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	85.0	82.0	82.7	84.2	85.0	85.9	86.6	85.7	87.1	87.8	88.6	90.0	
1978	93.4	90.7	91.8	92.5	92.6	92.9	93.5	93.0	94.4	94.9	95.4	95.6	
1979	95.7	95.9	95.4	97.0	96.7	96.7	96.6	91.5	94.6	95.2	94.9	94.7	
1980	90.1	95.4	95.8	95.5	93.8	92.7	88.0	84.7	85.6	86.4	87.7	87.9	
1981	92.1	90.2	90.7	91.8	91.6	92.2	93.1	91.5	92.2	90.4	87.5		
1982		87.7	85.9										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	167.4	162.9	163.5	163.5	165.3	167.5	169.0	165.9	166.7	169.4	170.4	171.7	173.0
1978	176.2	173.8	175.4	174.8	176.5	175.8	175.6	174.6	174.1	177.2	177.4	179.0	179.8
1979	181.1	176.6	181.4	180.2	182.0	183.8	180.7	185.0	173.7	171.9	179.9	179.8	179.9
1980	169.8	180.6	179.3	179.3	179.5	172.6	165.5	162.1	159.7	161.1	162.2	164.9	167.0
1981	171.2	168.1	169.3	170.3	172.5	172.8	173.8	173.2	173.2	174.8	177.1	176.6	180.9
1982		164.3	161.6	171.3									

See footnotes at end of tables

SIC 362—ELECTRICAL INDUSTRIAL APPARATUS (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	221.80	208.12	215.74	213.86	214.67	217.22	221.14	220.40	221.75	230.01	228.17	231.24	239.03
1978	239.76	227.13	235.42	233.62	232.36	232.98	237.69	235.38	240.19	244.61	244.22	250.71	257.67
1979	262.52	255.63	258.52	261.02	242.85	259.26	261.58	256.32	259.29	268.06	266.64	274.14	287.57
1980	286.22	277.44	281.67	280.42	276.18	276.51	277.90	280.60	284.70	291.80	293.72	305.11	314.10
1981	317.90	305.89	311.66	316.42	314.20	318.61	320.17	318.71	317.20	316.01	321.20	329.61	330.8
1982		314.20	325.56										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.49	5.35	5.34	5.32	5.34	5.39	5.42	5.51	5.53	5.61	5.62	5.64	
1978	5.90	5.75	5.77	5.78	5.78	5.81	5.84	5.94	5.96	6.01	6.03	6.10	
1979	6.45	6.25	6.29	6.32	6.26	6.37	6.38	6.41	6.45	6.57	6.60	6.67	
1980	7.12	6.80	6.87	6.89	6.92	6.93	7.00	7.04	7.10	7.25	7.28	7.46	
1981	7.83	7.54	7.62	7.66	7.72	7.79	7.79	7.95	7.93	7.90	7.95	8.03	
1982		8.14	8.19										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	40.4	39.6	40.4	40.2	40.3	40.6	40.3	40.0	40.1	40.6	40.6	41.0	41.5
1978	40.5	39.5	40.8	40.7	40.2	40.7	40.7	40.1	40.1	40.7	40.7	41.1	41.5
1979	40.7	40.9	41.1	41.3	38.6	40.7	40.9	39.7	40.1	40.6	40.5	41.1	41.5
1980	40.0	41.0	41.0	41.0	40.7	39.6	40.2	40.1	40.1	40.7	40.6	41.1	41.5
1981	40.6	39.6	39.8	41.0	40.2	40.7	40.9	40.1	40.1	39.7	39.9	40.3	40.5
1982		39.6											

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	1.9	1.5	1.6	1.5	1.5	2.0	1.6	1.5	1.6	2.0	1.8	2.0	2.2
1978	2.0	1.6	1.9	1.9	1.7	1.9	1.9	1.7	1.8	2.0	2.0	2.2	2.4
1979	2.1	1.9	2.1	2.2	1.6	2.0	2.1	1.8	1.9	2.1	2.1	2.3	2.5
1980	1.8	1.9	1.9	1.9	1.8	1.7	1.8	1.7	1.7	1.9	1.8	2.0	2.2
1981	1.8	1.7	1.8	1.9	1.7	1.8	1.9	1.7	1.7	1.8	1.7	1.8	1.9
1982		1.7											

SIC 3621—MOTORS AND GENERATORS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	125.9	122.9	122.1	123.2	124.4	126.3	127.4	125.4	126.8	129.1	129.5	131.5	133.1
1978	134.1	134.6	136.1	134.3	135.2	134.7	134.1	133.3	133.1	133.7	134.3	134.2	133.7
1979	133.4	133.1	133.8	133.7	133.9	133.7	134.5	133.0	132.9	129.6	129.8	130.2	130.1
1980	122.2	130.1	129.4	129.1	130.0	124.1	118.4	115.4	114.0	120.5	125.9	125.2	125.9
1981	124.7	123.7	124.6	124.6	124.1	126.1	125.8	125.6	125.6	127.0	126.1	126.2	125.8
1982		117.6											

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	47.6	45.0	45.5	46.1	46.7	47.5	48.1	47.2	47.5	48.5	48.6	48.6	50.1
1978	52.6	51.5	52.7	52.6	52.8	52.6	52.4	52.0	51.9	52.9	53.1	53.4	53.1
1979	53.0	53.6	53.9	54.1	54.5	54.6	55.0	53.8	48.8	52.1	51.1	51.6	51.6
1980	46.5	50.2	52.3	52.1	52.0	49.0	46.4	44.5	44.2	45.5	47.7	47.7	48.1
1981	50.4	46.5	46.5	51.4	51.9	51.8	51.8	50.6	50.2	50.6	49.7	48.1	46.7
1982		46.1											

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	95.6	92.5	93.0	92.7	93.9	95.7	96.5	94.6	95.5	97.6	98.3	99.1	99.1
1978	101.0	103.3	103.9	101.4	102.5	101.9	100.3	99.5	98.3	100.4	100.8	101.2	101.1
1979	99.4	100.9	101.9	102.3	102.9	102.1	102.4	100.7	96.6	97.6	97.6	97.4	97.5
1980	90.7	97.4	98.0	97.8	98.7	92.8	87.5	85.6	84.1	88.4	93.2	90.5	92.4
1981	95.7	94.3	95.0	96.0	96.8	96.5	96.5	96.5	96.2	95.8	95.9	93.1	92.3
1982		91.6	89.6										

SIC 3621—MOTORS AND GENERATORS (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	228.98	212.85	222.49	219.23	220.18	222.60	227.55	228.50	228.66	238.71	237.80	238.79	248.89
1978	246.04	234.04	243.90	240.31	238.76	239.38	241.98	246.44	245.62	251.53	250.70	255.22	263.91
1979	262.44	262.17	261.35	264.09	243.07	260.98	264.45	259.05	253.60	265.28	265.98	270.50	279.04
1980	289.07	277.71	281.81	280.98	277.26	275.20	279.20	287.52	288.41	295.87	298.22	308.18	320.04
1981	317.97	318.72	312.94	319.19	316.52	318.24	319.02	319.46	312.83	307.31	315.97	320.39	328.43
1982		317.04	327.62										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	5.64	5.50	5.48	5.44	5.45	5.51	5.55	5.67	5.66	5.78	5.80	5.81	5.94
1978	6.05	5.94	5.92	5.89	5.91	5.94	5.96	6.07	6.11	6.18	6.19	6.24	6.39
1979	6.49	6.41	6.39	6.41	6.33	6.46	6.45	6.46	6.34	6.55	6.60	6.63	6.74
1980	7.12	6.79	6.84	6.87	6.88	6.88	6.98	7.17	7.32	7.36	7.40	7.48	7.62
1981	7.81	7.68	7.67	7.71	7.72	7.80	7.80	7.83	7.86	7.78	7.86	7.95	8.03
1982		8.15	8.17										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	40.6	38.7	40.6	40.3	40.4	40.4	41.0	40.3	40.4	41.3	41.0	41.1	41.9
1978	40.6	39.4	41.2	40.8	40.4	40.3	40.6	40.6	40.2	40.7	40.5	40.9	41.3
1979	40.5	40.9	40.9	41.2	38.4	40.4	41.0	40.1	40.0	40.5	40.3	40.8	41.4
1980	40.6	40.9	41.2	40.9	40.3	40.0	40.0	40.1	39.4	40.2	40.3	41.2	42.0
1981	40.7	41.5	40.8	41.4	41.0	40.8	40.9	40.8	39.8	39.5	40.2	40.3	40.9
1982		38.9	40.1										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	3.2	2.6	2.8	2.7	2.8	3.1	3.4	3.3	3.1	3.7	3.5	3.4	4.0
1978	3.2	3.2	3.6	3.0	2.8	2.8	3.0	3.2	3.1	3.3	3.2	3.3	3.6
1979	3.1	3.4	3.4	3.4	2.1	3.1	3.2	2.8	2.6	2.9	3.0	3.4	3.6
1980	2.6	3.0	3.0	2.9	2.4	2.0	2.0	2.1	2.3	2.6	2.3	2.9	3.4
1981	2.7	2.6	2.6	3.0	2.6	2.8	3.0	2.9	2.6	2.4	2.4	2.2	2.4
1982		1.6	1.9										

SIC 3622—INDUSTRIAL CONTROLS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	63.0	62.4	62.7	62.2	62.4	62.6	63.1	62.7	63.0	63.5	64.0	64.2	63.4
1978	65.3	62.8	62.4	62.8	63.2	64.2	65.9	66.0	66.2	66.8	67.0	67.6	68.6
1979	72.1	68.3	69.0	70.0	70.4	71.4	73.5	74.1	73.8	72.7	73.1	74.2	74.1
1980	72.5	74.0	73.8	74.0	73.9	73.9	72.5	72.2	71.9	71.1	70.8	70.9	71.4
1981	71.5	71.3	71.6	71.3	71.3	71.7	72.4	72.5	72.3	72.5	71.9	69.8	69.5
1982		69.2	68.7										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	27.1	26.4	26.6	27.0	26.9	27.0	27.1	27.0	26.9	27.3	27.5	27.5	27.4
1978	28.2	27.0	26.9	27.6	27.7	28.0	28.6	28.3	28.6	28.7	28.9	28.9	29.4
1979	29.2	29.3	29.4	29.6	27.8	28.3	29.5	29.4	29.2	28.9	29.4	29.8	30.0
1980	29.4	30.0	30.3	30.4	30.3	30.2	29.3	28.9	28.8	28.5	28.4	28.5	28.8
1981	28.7	28.8	28.9	28.6	28.9	29.0	29.2	29.0	28.9	29.0	28.6	27.6	27.5
1982		26.3	26.2										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	40.9	40.7	40.9	40.7	40.8	40.7	40.9	40.3	40.4	41.0	41.3	41.5	41.4
1978	42.5	40.7	40.5	41.0	41.3	41.8	42.9	42.9	43.1	43.6	43.5	43.7	44.9
1979	46.8	44.5	44.8	45.4	45.7	46.6	48.3	48.6	48.2	46.6	47.5	47.8	48.1
1980	45.6	46.0	47.0	47.0	47.0	46.6	45.2	44.9	44.6	44.1	43.9	44.0	44.6
1981	44.0	44.2	44.0	44.2	44.2	44.4	44.8	44.9	44.4	44.5	43.7	42.4	42.2
1982		42.5	42.3										

SIC 3622—INDUSTRIAL CONTROLS (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	201.73	195.16	200.70	197.39	196.28	197.85	201.39	198.02	200.21	204.73	202.15	208.15	213.46
1978	219.70	202.37	205.11	208.03	210.90	211.92	225.57	217.01	220.57	225.84	229.39	236.74	244.02
1979	257.58	238.76	248.46	250.31	231.55	251.31	252.55	249.64	264.14	272.80	261.76	278.10	287.43
1980	281.78	279.62	278.36	276.29	276.61	277.01	274.13	271.36	280.96	283.53	285.82	296.21	304.55
1981	307.63	291.28	296.40	301.44	293.25	301.68	303.91	303.76	310.08	313.62	319.20	322.79	331.71
1982		299.49	312.45										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	5.12	5.03	5.03	5.01	5.02	5.06	5.06	5.13	5.16	5.17	5.17	5.23	5.31
1978	5.52	5.27	5.30	5.28	5.38	5.42	5.43	5.55	5.57	5.59	5.65	5.76	5.88
1979	6.36	5.91	6.06	6.12	6.03	6.19	6.19	6.21	6.62	6.67	6.61	6.75	6.86
1980	7.08	6.82	6.89	6.89	6.95	6.96	6.94	7.03	7.26	7.27	7.31	7.35	7.41
1981	7.71	7.21	7.41	7.48	7.50	7.58	7.56	7.69	7.87	7.96	8.02	8.09	8.15
1982		7.84	7.91										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	39.4	38.8	39.9	39.4	39.1	39.1	39.8	38.6	38.8	39.6	39.1	39.8	40.2
1978	39.8	38.4	38.7	39.4	39.2	39.1	39.7	39.1	39.6	40.4	40.6	41.1	41.5
1979	40.5	40.4	41.0	40.9	38.4	40.6	40.8	40.2	39.9	40.9	39.6	41.2	41.9
1980	39.8	41.0	40.4	40.1	39.8	39.8	39.5	38.6	38.7	39.0	39.1	40.3	41.1
1981	39.9	40.4	40.0	40.3	39.1	39.8	40.2	39.5	39.4	39.4	39.8	39.9	40.7
1982		38.2	39.5										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	1.9	1.7	1.9	1.4	1.6	1.6	1.9	1.7	1.9	2.3	2.2	2.2	2.5
1978	2.2	1.5	1.7	1.7	2.0	1.9	2.1	1.9	2.0	2.4	2.5	2.8	3.2
1979	2.6	2.3	3.0	2.8	1.2	3.0	2.6	2.4	2.6	3.3	2.1	2.6	3.3
1980	2.1	2.5	2.4	2.5	2.3	2.1	1.9	1.7	1.6	1.7	1.5	2.2	2.5
1981	2.3	1.8	2.6	2.4	1.8	2.0	2.3	2.4	2.5	2.5	2.3	2.1	2.7
1982		1.6	1.7										

SIC 363—HOUSEHOLD APPLIANCES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	180.5	167.8	171.0	173.2	179.6	182.8	184.5	182.1	182.1	185.1	185.0	186.5	185.7
1978	184.9	181.7	181.8	184.6	188.6	188.2	191.9	188.2	186.5	185.4	184.7	180.2	176.8
1979	178.3	175.7	179.5	179.2	177.1	177.3	179.1	178.1	176.4	180.0	180.8	179.5	176.7
1980	163.2	172.8	171.8	172.6	167.2	160.5	153.2	149.7	152.2	161.4	164.6	166.3	165.8
1981	161.3	164.8	164.1	165.6	165.5	166.5	167.3	167.4	162.5	166.5	162.4	149.3	133.5
1982		144.1	144.5										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	60.0	54.8	55.6	56.7	59.3	60.5	61.3	59.6	60.0	62.6	62.9	63.2	63.2
1978	62.7	60.3	60.3	61.2	63.6	63.5	66.3	64.2	63.2	64.2	64.3	61.5	59.9
1979	60.8	57.6	59.2	59.2	58.8	59.5	60.4	60.0	60.3	62.7	63.7	64.1	63.6
1980	57.9	61.4	60.8	61.3	60.3	56.9	54.1	51.9	52.3	56.9	59.0	60.0	59.8
1981	59.1	58.5	58.8	59.8	60.2	60.7	61.2	60.8	58.7	62.0	60.9	55.9	51.4
1982		53.9	53.1										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	140.5	128.7	131.9	134.0	140.3	142.6	144.3	141.5	141.5	144.6	144.8	146.5	145.4
1978	145.6	142.5	142.4	145.1	148.8	148.9	152.5	148.6	146.8	146.1	146.0	141.5	137.5
1979	140.7	137.0	140.8	140.7	140.2	140.2	141.7	140.7	138.0	142.2	143.4	143.0	139.5
1980	129.0	136.2	136.2	137.0	132.6	126.6	119.5	116.5	119.4	128.5	131.0	132.4	131.8
1981	127.5	131.4	131.9	132.9	132.3	133.0	133.8	133.5	128.1	131.9	127.7	114.7	98.6
1982		110.0	110.6										

See footnotes at end of tables.

SIC 363—HOUSEHOLD APPLIANCES (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	215.07	205.40	207.72	210.48	209.20	211.60	213.19	214.52	221.68	221.41	220.33	220.30	224.47
1978	230.62	215.04	226.23	229.64	230.11	229.80	230.52	233.24	234.55	233.20	232.80	232.80	245.63
1979	253.13	243.47	246.99	252.02	253.73	254.06	252.37	259.64	253.11	262.10	262.70	263.90	270.28
1980	270.36	264.47	270.41	265.10	269.76	268.14	264.62	269.61	270.72	274.32	282.03	285.91	282.44
1981	294.69	291.20	289.48	299.69	299.58	294.68	297.62	300.31	304.50	310.58	296.88	315.09	306.13
1982		292.79	303.29										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.35	5.20	5.24	5.31	5.33	5.29	5.29	5.29	5.46	5.44	5.44	5.44	5.58
1978	5.76	5.60	5.67	5.67	5.77	5.72	5.81	5.80	5.83	5.80	5.81	5.81	6.09
1979	6.36	6.13	6.19	6.29	6.35	6.34	6.32	6.49	6.50	6.52	6.56	6.57	6.82
1980	6.91	6.72	6.76	6.79	6.90	6.86	6.82	6.93	6.92	7.00	7.03	7.08	7.07
1981	7.55	7.45	7.44	7.53	7.54	7.56	7.62	7.72	7.74	7.72	7.66	7.63	7.73
1982		7.66	7.66										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	40.2	39.5	40.1	40.4	40.2	40.0	40.3	39.8	40.6	40.7	40.5	40.2	40.3
1978	39.9	38.4	39.4	40.5	40.3	40.0	40.3	39.9	40.1	40.0	39.9	39.4	40.6
1979	39.8	39.8	39.9	40.1	39.7	39.5	39.9	39.5	39.1	40.2	40.0	40.1	39.8
1980	39.1	39.1	40.0	39.1	39.2	37.6	38.8	38.1	38.4	39.2	39.5	39.8	38.1
1981	38.9	39.1	38.1	39.8	39.8	39.2	39.2	38.9	39.4	38.4	38.7	38.9	38.1
1982		35.8	38.1										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	2.2	1.9	1.7	2.1	2.0	2.2	2.0	2.0	2.3	2.5	2.4	2.2	2.4
1978	2.2	1.4	2.3	2.4	2.5	2.3	2.4	2.3	2.5	2.4	2.3	2.4	2.6
1979	2.4	2.2	2.1	2.1	2.0	2.1	2.0	1.9	2.0	2.5	2.4	2.3	2.4
1980	1.9	1.9	2.1	1.9	1.9	1.6	1.8	1.7	1.8	2.1	2.2	2.2	1.9
1981	1.7	1.8	1.8	1.9	1.7	1.6	1.8	1.8	2.0	1.9	1.9	1.9	1.7
1982		1.6	1.8										

SIC 3632—HOUSEHOLD REFRIGERATORS AND FREEZERS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	44.7	41.0	43.7	44.7	45.1	46.1	46.9	45.9	41.0	43.7	42.5	41.8	41.9
1978	45.4	43.6	46.2	47.3	50.1	50.1	50.2	46.1	44.3	41.6	41.0	40.0	38.4
1979	38.7	39.6	41.7	42.6	39.8	39.8	39.7	38.0	36.2	37.2	36.5	35.8	36.3
1980	32.0	35.7	35.3	35.1	32.7	30.9	31.5	30.2	29.3	29.5	31.2	32.5	32.0
1981	33.7	33.5	34.9	36.6	36.4	37.7	37.6	37.5	32.6	34.9	32.5	27.6	22.6
1982		30.7	30.8										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	11.4	10.5	11.4	11.7	11.5	12.0	12.1	10.9	10.5	11.2	10.9	11.2	11.3
1978	11.8	11.6	12.0	12.5	12.6	13.7	13.8	13.4	11.6	10.9	10.4	9.2	9.0
1979	10.0	9.4	10.4	10.5	9.9	10.0	10.3	9.6	9.2	10.0	10.0	10.2	10.2
1980	8.6	10.1	9.9	9.8	9.4	8.4	8.7	7.9	7.8	7.3	8.3	8.6	8.7
1981	9.4	9.2	9.7	10.4	10.4	10.9	10.5	10.7	8.2	9.9	9.1	7.1	6.1
1982		8.8	8.9										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	34.5	31.0	33.6	34.7	35.3	36.4	37.2	34.2	33.5	34.2	33.4	34.4	34.4
1978	35.9	35.9	36.5	37.6	40.2	40.6	40.4	36.9	34.6	33.1	31.9	31.1	30.1
1979	31.1	31.0	34.0	34.0	32.3	32.4	32.3	30.8	28.8	29.8	29.4	29.2	29.2
1980	25.7	29.0	28.6	28.5	26.6	24.7	25.8	24.0	20.2	23.8	25.1	26.4	25.9
1981	27.3	27.6	28.5	30.4	30.0	30.5	31.2	30.9	26.1	28.6	26.1	21.6	16.1
1982		24.4	24.4										

See footnotes at end of tables.

SIC 3632—HOUSEHOLD REFRIGERATORS AND FREEZERS (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	222.66	207.64	205.59	211.34	223.46	214.40	226.14	229.15	246.96	250.40	243.07	237.80	284.66
1978	236.77	236.79	243.51	247.66	242.20	245.59	247.04	247.42	253.79	245.60	243.05	240.35	240.17
1979	274.29	263.67	269.87	264.30	264.63	269.50	260.85	274.63	266.66	260.35	260.22	264.17	266.3
1980	303.60	304.78	311.71	294.20	292.24	302.24	307.58	332.90	334.11	333.32	329.63	335.91	351.9
1981	364.00	361.15	358.03	334.82	341.73	342.07	347.82	354.69	342.40	297.37	284.1		
1982		333.40	340.11										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.55	5.42	5.39	5.51	5.53	5.51	5.61	5.63	5.73	5.70	5.74	5.66	5.5
1978	6.03	5.94	5.96	6.00	6.00	6.01	6.03	6.04	6.07	6.04	6.03	6.03	6.0
1979	6.58	6.53	6.56	6.55	6.55	6.55	6.55	6.67	6.59	6.58	6.62	6.63	6.6
1980	7.30	7.31	7.33	7.31	7.30	7.30	7.33	7.33	7.33	7.33	7.33	7.33	7.3
1981	8.01	7.97	7.94	8.02	8.03	8.04	8.05	8.06	8.08	8.07	8.11	8.11	8.1
1982		8.24	8.20										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	41.1	40.3	41.2	41.3	41.3	41.3	41.8	42.0	43.6	43.7	42.2	41.1	41.1
1978	41.4	40.3	41.0	41.4	41.3	41.3	40.6	40.7	41.9	40.5	40.3	37.4	41.4
1979	39.4	40.4	41.0	41.0	40.7	41.0	39.5	41.2	40.7	38.9	40.5	40.8	40.9
1980	39.1	40.6	41.1	39.0	38.0	39.1	39.3	39.6	41.1	41.4	41.1	41.0	42.2
1981	39.5	40.6	39.4	41.1	41.3	38.4	39.1	40.5	42.2	39.1	38.2	33.1	38.7
1982		38.5	38.4										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	1.5	1.0	1.5	1.5	1.5	1.5	1.9	2.0	2.2	2.4	2.1	1.5	1.5
1978	1.6	1.1	1.5	1.7	1.6	1.6	1.7	1.8	2.0	1.6	1.6	1.4	1.6
1979	1.8	1.8	1.9	1.9	1.8	1.9	1.8	2.0	1.9	1.6	1.8	1.8	1.8
1980	1.6	1.8	1.9	1.6	1.5	1.6	1.7	1.7	1.9	2.0	1.9	1.9	2.0
1981	1.6	1.8	1.6	1.9	1.9	1.5	1.6	1.8	2.0	1.6	1.5	1.2	1.5
1982		1.5	1.5										

SIC 3633—HOUSEHOLD LAUNDRY EQUIPMENT

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	22.6	20.9	21.7	22.4	23.0	23.4	23.6	23.5	23.3	22.3	21.7	22.3	22.5
1978	23.1	22.2	23.0	23.3	23.9	23.8	24.1	24.6	23.5	22.5	22.6	23.1	23.3
1979	23.6	23.4	23.6	22.7	22.1	22.5	23.1	22.5	22.4	23.0	22.4	22.5	22.6
1980	20.4	22.4	20.0	21.7	20.0	18.7	17.3	19.0	18.7	20.0	20.1	20.1	19.8
1981	21.4	21.8	21.6	22.4	22.0	22.2	22.6	22.4	22.5	22.1	22.5	19.2	19.7
1982		16.8	20.1										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.5	3.9	4.3	4.2	4.7	4.8	4.9	4.6	4.9	4.6	4.5	4.7	4.6
1978	5.0	4.6	5.0	5.0	5.2	5.2	5.4	5.6	5.0	4.8	4.8	4.5	4.4
1979	4.8	4.1	4.7	4.6	4.7	4.8	4.9	4.6	4.9	4.9	4.8	4.8	4.9
1980	4.7	4.6	4.7	4.7	4.3	3.6	3.3	3.7	3.3	4.2	4.5	4.7	4.5
1981	4.4	4.6	4.3	4.6	4.5	4.6	4.9	5.0	4.9	4.4	4.4	3.4	3.9
1982		3.7	3.9										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	17.4	15.4	16.7	16.8	18.0	18.3	18.5	18.3	18.1	17.2	16.6	17.1	17.2
1978	18.1	17.1	18.0	18.2	18.8	18.8	19.0	19.4	18.3	17.8	17.7	16.9	16.7
1979	17.3	16.5	17.7	17.7	17.9	17.7	18.2	17.9	17.5	18.0	18.0	17.7	17.9
1980	15.9	17.6	17.5	17.2	15.5	14.2	12.7	14.4	14.4	15.8	16.6	17.2	16.5
1981	16.7	17.2	17.0	17.2	17.4	17.6	17.8	18.1	17.7	17.1	16.6	14.2	11.5
1982		14.9	15.3										

SIC 3633—HOUSEHOLD LAUNDRY EQUIPMENT (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	245.36	238.89	237.84	245.55	233.98	244.83	242.02	241.04	246.65	244.99	249.74	245.36	271.88
1978	268.03	248.54	269.74	261.46	267.28	258.45	262.75	276.86	271.56	267.42	266.81	269.35	299.71
1979	297.35	286.31	284.07	295.07	222.27	290.21	285.02	299.88	313.39	315.29	313.34	312.26	350.24
1980	322.09	323.52	316.01	319.60	314.50	298.37	312.78	290.70	327.02	336.65	346.98	336.18	338.69
1981	344.42	345.93	344.27	345.64	348.98	343.77	348.93	352.69	351.92	338.93	346.14	312.56	345.40
1982		316.16	355.13										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	6.34	6.27	6.13	6.28	6.19	6.31	6.27	6.31	6.39	6.38	6.47	6.44	6.68
1978	6.82	6.61	6.71	6.67	6.64	6.61	6.72	6.87	6.91	6.91	6.93	6.96	7.31
1979	7.49	7.23	7.21	7.34	7.17	7.31	7.28	7.35	7.70	7.69	7.68	7.71	8.07
1980	8.28	7.91	7.92	8.01	8.19	8.13	8.02	8.12	8.45	8.61	8.74	8.62	8.64
1981	9.04	8.87	8.65	8.84	8.88	8.86	8.97	9.09	9.31	9.21	9.28	9.22	9.26
1982		9.41	9.42										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	38.7	38.1	38.8	39.1	37.8	38.8	38.6	38.2	38.5	38.4	38.6	38.1	40.7
1978	39.1	37.6	40.2	39.2	39.5	39.1	39.1	40.3	39.3	38.7	38.5	38.7	41.0
1979	39.7	39.6	39.4	40.2	31.0	39.7	39.7	40.8	40.7	41.0	40.8	40.5	43.4
1980	38.9	40.9	39.9	39.9	38.4	36.7	39.0	35.8	38.7	39.1	39.7	39.0	39.2
1981	38.1	38.0	38.9	39.1	39.3	38.8	38.9	38.8	37.8	36.8	37.3	33.9	37.3
1982		33.6	37.7										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	1.4	1.8	1.6	2.9	1.7	2.6	1.5	1.0	2.0	1.3	1.3	1.3	2.7
1978	2.4	1.6	2.6	1.6	1.7	1.2	1.3	2.2	1.3	.9	.8	1.5	3.0
1979	1.4	.4	.5	1.1	.3	1.3	.5	1.1	1.7	1.7	1.5	1.6	4.1
1980	1.0	1.7	1.2	1.3	.7	.3	.4	.3	.5	1.2	2.1	1.0	.5
1981	1.0	.9	1.3	1.0	1.1	.7	1.1	1.1	1.4	.9	.9	.3	.5
1982		.6	.7										

SIC 3634—ELECTRIC HOUSEWARES AND FANS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	52.6	49.2	48.4	49.4	50.7	51.3	51.7	51.1	54.1	56.1	56.9	56.9	55.7
1978	53.5	50.8	50.1	51.1	51.8	51.4	54.1	53.1	55.6	56.5	57.5	56.1	54.3
1979	54.2	52.0	52.1	52.9	52.6	53.2	53.5	54.8	55.3	56.1	56.7	57.0	55.6
1980	52.3	53.4	52.1	53.6	53.5	52.6	51.8	48.5	51.3	53.6	54.4	53.4	52.3
1981	51.4	50.6	50.8	50.9	50.8	50.8	50.9	51.6	53.1	54.0	53.3	51.4	48.9
1982		46.1	44.7										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	27.0	26.1	24.6	25.5	26.4	26.6	26.5	25.6	27.5	28.9	29.2	28.9	28.8
1978	27.4	25.7	25.3	25.0	26.5	26.3	28.5	27.4	28.6	30.3	30.5	29.8	28.6
1979	27.7	26.4	26.3	25.3	26.7	26.8	26.9	27.3	27.9	28.7	29.5	30.1	30.0
1980	28.1	27.9	27.5	28.1	28.4	27.9	27.4	25.8	27.7	29.6	30.0	29.4	28.7
1981	28.6	27.6	28.3	28.0	28.2	27.9	28.1	28.5	29.5	30.7	30.1	29.1	27.5
1982		25.7	24.6										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	41.0	39.1	37.3	38.2	39.5	39.7	39.8	39.3	42.0	44.0	45.0	44.9	43.9
1978	42.6	39.9	39.4	40.3	41.0	40.6	43.4	42.2	44.7	45.7	46.5	45.1	42.6
1979	43.0	42.1	40.9	40.7	41.5	42.2	42.3	43.5	44.1	44.6	45.5	45.9	44.4
1980	42.6	43.1	41.6	43.2	43.4	42.9	42.0	39.2	42.0	44.4	44.7	43.5	42.1
1981	41.2	41.0	41.0	41.0	40.7	40.7	40.9	41.4	42.7	43.5	43.0	40.8	38.2
1982		35.6	34.0										

See footnotes at end of tables

SIC 3634—ELECTRIC HOUSEWARES AND FANS (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	182.10	172.87	178.54	178.09	177.58	179.60	177.91	176.87	184.47	188.20	188.60	189.54	189.77
1978	198.68	184.69	195.02	191.83	198.21	197.38	198.21	197.78	199.08	201.87	203.00	207.87	204.69
1979	208.82	209.62	209.08	213.33	202.01	205.80	205.67	201.08	205.64	214.66	212.00	215.74	212.40
1980	221.73	218.44	218.57	216.67	210.69	217.62	221.31	215.97	226.20	228.34	226.39	229.70	226.59
1981	231.99	229.14	229.20	236.81	229.51	231.46	231.08	227.46	235.61	233.92	236.34	235.22	230.25
1982		219.18	229.48										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.61	4.49	4.52	4.52	4.53	4.57	4.55	4.63	4.67	4.67	4.68	4.68	4.78
1978	4.93	4.76	4.90	4.76	4.87	4.91	4.87	4.92	4.94	4.96	5.00	5.07	5.13
1979	5.30	5.28	5.32	5.32	5.22	5.25	5.22	5.25	5.30	5.38	5.34	5.34	5.35
1980	5.70	5.53	5.59	5.57	5.53	5.58	5.66	5.79	5.86	5.84	5.79	5.83	5.84
1981	6.01	6.03	6.00	5.98	5.90	5.95	5.91	5.97	5.98	6.06	6.06	6.19	6.14
1982		6.39	6.27										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	39.5	38.5	39.5	39.4	39.2	39.3	39.1	38.2	39.5	40.3	40.3	40.5	39.7
1978	40.3	38.8	39.8	40.3	40.7	40.2	40.7	40.2	40.3	40.7	40.6	41.0	39.9
1979	39.4	39.7	39.3	40.1	38.7	39.2	39.4	38.3	38.8	39.9	39.7	40.4	39.7
1980	38.9	39.5	39.1	38.9	38.1	39.0	39.1	37.3	38.5	39.1	39.1	39.4	38.8
1981	38.6	38.0	38.2	39.6	38.9	38.9	39.1	38.1	39.4	38.6	39.0	38.0	37.5
1982		34.3	36.6										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	2.2	1.9	1.9	1.7	1.6	1.7	1.6	1.3	2.5	3.2	3.0	2.9	2.3
1978	2.7	1.8	2.7	2.2	2.4	2.3	2.7	2.1	2.9	3.5	3.4	3.1	2.6
1979	2.4	2.5	2.2	2.3	1.2	1.8	2.5	1.8	2.4	3.1	2.9	3.5	2.8
1980	1.8	2.1	2.0	1.8	1.2	1.4	1.6	.8	2.5	2.4	2.1	2.1	1.4
1981	1.7	1.2	1.4	1.5	1.1	1.5	1.8	1.5	2.4	2.2	2.2	1.6	1.5
1982		.8	1.0										

SIC 364—ELECTRIC LIGHTING AND WIRING EQUIPMENT

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	205.4	198.6	199.4	201.8	203.4	204.2	205.7	203.3	205.6	208.5	210.0	211.9	212.9
1978	217.8	213.1	213.4	215.7	213.7	214.2	216.9	212.8	217.8	222.8	223.2	225.0	224.9
1979	225.3	225.5	224.5	225.9	226.7	226.9	230.0	223.4	218.6	226.3	226.1	224.4	225.2
1980	209.2	224.0	222.5	222.9	220.7	212.7	205.6	197.0	196.5	200.6	201.9	203.1	202.9
1981	202.5	201.1	201.1	203.5	204.7	204.6	207.0	201.2	202.7	203.1	202.8	201.0	197.2
1982		196.5	196.1										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	92.9	89.0	89.2	91.2	92.2	92.6	93.0	92.1	93.2	94.3	95.0	96.4	96.6
1978	99.7	97.1	96.6	97.8	98.1	98.5	99.8	97.2	99.5	102.2	102.8	103.6	103.4
1979	103.5	103.4	103.1	103.9	103.9	104.0	105.3	102.6	99.5	104.0	104.3	103.5	104.7
1980	95.6	102.9	102.1	102.7	101.2	97.3	93.7	89.2	88.9	91.4	92.2	92.4	92.7
1981	91.8	91.7	91.7	92.6	93.4	92.4	94.2	90.8	91.5	91.6	91.8	90.8	88.5
1982		87.8	88.2										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	156.4	150.1	151.5	153.3	155.1	155.4	156.9	154.9	156.4	158.9	160.2	162.0	162.0
1978	165.1	161.9	161.8	164.0	161.2	161.6	164.1	159.8	164.8	169.1	169.8	171.8	171.6
1979	170.8	172.6	171.0	172.2	172.5	172.3	175.0	168.6	163.9	170.8	170.9	169.4	170.2
1980	156.0	168.7	167.2	167.8	166.2	158.1	152.2	145.5	144.4	149.0	150.5	151.4	151.4
1981	149.5	149.3	149.7	151.6	152.8	152.2	153.4	147.4	149.1	149.3	148.8	146.9	144.0
1982		143.6	143.4										

SIC 364—ELECTRIC LIGHTING AND WIRING EQUIPMENT (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	200.70	186.90	195.20	195.29	193.64	196.31	200.88	198.69	202.47	206.23	205.49	209.56	218.48
1978	219.49	203.81	208.40	215.59	216.68	216.95	221.81	217.31	220.70	223.51	224.32	227.36	235.41
1979	234.59	228.63	231.32	232.47	219.82	233.78	232.22	228.52	230.26	239.40	241.59	244.80	251.10
1980	253.59	246.00	245.12	248.92	246.88	248.61	247.26	245.24	250.13	257.28	264.40	269.07	274.04
1981	281.08	273.03	270.97	277.38	274.62	280.40	281.60	283.06	281.24	281.46	287.23	290.21	292.93
1982		286.48	296.96										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.03	4.65	4.88	4.87	4.89	4.92	4.96	5.03	5.10	5.13	5.15	5.20	5.29
1978	5.46	5.08	5.33	5.31	5.35	5.37	5.41	5.46	5.49	5.56	5.58	5.60	5.70
1979	5.85	5.73	5.74	5.74	5.68	5.83	5.82	5.80	5.80	5.97	5.98	6.00	6.08
1980	6.42	6.15	6.19	6.27	6.25	6.31	6.34	6.42	6.48	6.58	6.66	6.71	6.80
1981	7.08	6.86	6.86	6.90	6.97	7.01	7.04	7.13	7.12	7.18	7.29	7.31	7.36
1982		7.48	7.48										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	39.9	38.3	40.0	40.1	39.6	39.9	40.5	39.5	39.7	40.2	39.9	40.3	41.3
1978	40.2	38.6	39.1	40.6	40.5	40.4	41.0	39.8	40.2	40.2	40.2	40.6	41.3
1979	40.1	39.9	40.3	40.5	38.7	40.1	39.9	39.4	39.7	40.1	40.4	40.8	41.3
1980	39.5	40.0	39.6	39.7	39.5	39.4	39.0	38.2	38.6	39.1	39.7	40.1	40.3
1981	39.7	39.6	39.5	40.2	39.4	40.0	40.0	39.7	39.5	39.2	39.4	39.7	39.6
1982		38.3	39.7										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	2.4	2.2	2.6	2.4	2.2	2.2	2.5	2.1	2.3	2.5	2.5	2.6	2.8
1978	2.9	2.3	2.8	2.9	2.6	2.7	2.9	2.6	2.9	3.2	3.0	3.1	3.2
1979	2.6	3.0	3.0	2.9	1.6	2.7	2.5	2.2	2.4	2.7	2.8	3.0	2.8
1980	2.1	2.4	2.4	2.5	2.1	1.9	1.6	1.4	1.7	2.0	2.2	2.4	2.7
1981	2.2	2.4	2.5	2.5	2.0	2.3	2.4	2.0	2.1	1.9	2.1	2.1	1.9
1982		1.7	1.8										

SIC 3641—ELECTRIC LAMPS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	37.7	38.0	37.5	37.4	37.7	37.4	37.8	37.3	37.7	37.9	37.6	38.0	38.1
1978	37.4	37.9	37.5	37.3	37.0	37.0	36.8	36.6	36.5	37.6	37.8	38.1	38.2
1979	38.0	39.1	37.6	37.8	38.2	38.2	38.7	38.2	33.8	38.7	38.4	37.9	39.0
1980	36.1	36.9	36.0	37.8	37.4	36.8	35.0	35.3	33.4	35.6	34.9	34.6	34.7
1981	32.9	34.2	33.7	33.6	33.1	32.0	33.1	31.7	32.4	32.7	33.1	32.9	31.9
1982		33.9	33.8										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	23.9	24.1	23.7	23.7	24.0	23.8	23.9	23.7	23.9	24.1	23.9	24.2	24.3
1978	23.6	24.1	23.9	23.7	23.5	23.5	23.3	23.2	23.3	23.8	24.1	24.3	24.3
1979	24.2	24.9	24.1	24.2	24.5	24.3	24.7	24.3	21.3	24.7	24.6	24.1	24.5
1980	22.4	24.2	23.7	23.6	23.3	22.7	21.8	21.9	20.4	21.9	21.6	21.6	21.7
1981	20.2	21.3	21.1	20.8	20.6	19.6	20.5	19.4	19.7	19.6	20.4	20.3	19.4
1982		20.7	20.7										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	33.0	33.1	32.8	32.6	33.0	32.7	33.0	32.7	33.0	33.2	33.0	33.5	33.5
1978	32.6	33.2	32.6	32.6	32.3	32.4	32.3	31.5	32.3	33.0	33.1	33.5	33.6
1979	33.6	34.9	33.4	33.5	34.0	33.6	34.2	33.6	29.5	34.2	34.0	33.5	34.5
1980	31.6	34.5	33.6	33.4	33.1	32.3	30.8	31.1	29.2	31.5	30.6	30.7	30.7
1981	29.7	30.2	29.8	29.6	29.1	27.9	28.8	27.3	28.0	28.4	28.9	28.8	28.0
1982		30.1	30.0										

See footnotes at end of tables.

SIC 3641—ELECTRIC LAMPS (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	217.89	199.35	211.34	218.06	210.65	215.02	217.65	213.59	222.50	226.74	223.16	226.32	230.16
1978	242.90	225.50	235.71	238.55	237.05	239.44	239.37	240.40	244.36	246.60	247.61	251.40	270.57
1979	257.63	246.84	257.71	254.61	242.35	251.29	244.11	246.25	259.37	268.37	276.12	273.55	270.46
1980	284.99	273.38	273.48	276.58	278.70	281.29	272.25	277.25	291.06	290.03	302.30	299.43	300.65
1981	321.99	308.62	304.17	306.40	306.92	312.35	314.77	329.64	334.97	328.66	336.60	338.25	339.47
1982		340.90	345.17										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.36	5.25	5.31	5.28	5.24	5.27	5.27	5.38	5.44	5.49	5.51	5.52	5.61
1978	5.91	5.68	5.82	5.79	5.81	5.84	5.81	5.88	5.96	6.00	6.01	6.00	6.22
1979	6.33	6.11	6.18	6.15	6.12	6.22	6.18	6.25	6.42	6.61	6.59	6.56	6.59
1980	7.13	6.75	6.82	6.88	6.95	6.98	6.91	7.02	7.05	7.38	7.52	7.43	7.54
1981	7.97	7.74	7.72	7.66	7.77	7.77	7.83	8.04	8.15	8.12	8.25	8.25	8.31
1982		8.48	8.46										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	40.5	37.9	39.8	41.3	40.2	40.8	41.3	39.7	40.9	41.3	40.5	41.0	41.1
1978	41.1	39.7	40.5	41.2	40.8	41.0	41.2	40.2	41.0	41.1	41.2	41.9	43.5
1979	40.7	40.4	41.7	41.4	39.6	40.4	39.5	39.4	40.4	40.6	41.9	41.7	41.5
1980	39.9	40.5	40.1	40.2	40.1	40.3	39.4	38.4	39.6	39.3	40.2	40.3	39.9
1981	40.4	39.9	39.4	40.0	39.5	39.4	40.2	41.0	41.1	40.5	40.6	41.0	40.3
1982		40.2	40.8										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	2.1	1.8	2.3	2.5	1.9	2.0	2.2	1.7	2.0	2.2	2.0	2.3	2.2
1978	2.6	2.4	2.7	2.6	2.3	2.3	2.3	1.7	2.4	2.4	2.4	3.1	3.5
1979	2.3	2.9	2.8	2.6	1.5	2.1	1.7	1.3	1.9	2.4	3.0	2.6	2.1
1980	1.9	2.0	2.2	2.5	2.2	2.5	2.0	1.3	1.1	1.4	1.6	2.1	1.7
1981	1.9	1.9	1.7	1.7	1.6	2.0	2.2	1.6	2.0	1.6	1.9	2.0	2.1
1982		2.0	2.0										

SIC 3643—CURRENT-CARRYING WIRING DEVICES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	82.3	77.5	78.8	80.7	81.6	82.2	82.9	82.9	83.0	83.5	84.1	85.1	85.4
1978	88.1	85.9	86.0	87.7	86.9	87.6	88.2	86.8	88.4	89.5	89.7	89.5	90.6
1979	91.0	90.3	90.1	89.9	90.5	90.9	92.2	90.0	90.6	91.0	91.5	92.1	92.7
1980	86.7	92.0	91.0	91.2	89.3	87.3	83.4	83.3	82.5	82.8	83.9	83.8	82.9
1981	83.4	81.5	82.3	83.1	84.0	85.1	83.7	84.9	84.3	83.5	83.3	83.7	83.7
1982		81.4	81.2										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	39.6	37.0	37.6	39.0	39.5	39.9	40.1	40.5	40.3	40.5	40.7	41.4	41.5
1978	43.4	41.6	41.6	43.0	42.8	43.3	43.6	42.5	43.3	44.5	44.6	44.6	45.1
1979	45.0	44.7	44.6	44.5	44.4	44.6	45.3	44.4	44.8	44.9	45.3	45.5	46.1
1980	42.3	45.4	44.9	45.0	44.9	43.8	42.6	40.3	40.5	40.0	40.0	40.0	39.8
1981	40.3	39.2	39.4	39.6	40.3	40.7	41.5	40.5	41.0	40.8	40.4	40.2	39.9
1982		38.2	38.6										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	58.4	54.4	55.4	56.9	57.9	58.2	59.2	59.4	59.3	59.5	59.8	60.4	60.3
1978	62.3	60.4	60.1	62.1	61.3	61.8	62.2	60.8	62.4	63.8	63.8	64.1	64.4
1979	63.9	64.3	63.8	63.5	63.5	63.8	65.2	62.8	63.1	63.5	64.0	64.6	65.1
1980	60.3	64.4	63.7	63.8	64.2	62.3	60.7	57.5	57.6	57.0	57.4	57.5	57.4
1981	56.8	56.2	56.5	56.8	57.5	58.0	58.0	56.6	57.6	57.0	56.1	55.7	55.3
1982		54.1	54.1										

SIC 3643—CURRENT-CARRYING WIRING DEVICES (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	189.41	176.47	186.10	183.01	184.63	187.11	190.59	187.31	189.91	194.00	192.16	198.13	204.26
1978	204.93	192.76	193.05	205.09	202.95	204.09	210.50	204.72	207.87	207.03	206.92	209.90	212.74
1979	222.49	214.27	215.61	217.75	205.39	218.43	221.54	217.34	220.99	230.01	229.14	238.11	240.24
1980	241.00	237.46	235.79	240.78	239.79	239.99	235.61	236.34	235.68	238.73	244.59	253.75	257.00
1981	268.67	258.32	260.50	267.24	262.66	267.55	266.90	271.08	267.85	269.50	272.65	276.61	282.71
1982		273.74	277.38										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

1977	4.70	4.56	4.55	4.53	4.57	4.62	4.66	4.73	4.82	4.79	4.78	4.88	4.91
1978	5.06	4.88	4.85	4.93	4.95	4.99	5.06	5.08	5.12	5.15	5.16	5.17	5.24
1979	5.54	5.31	5.35	5.35	5.28	5.42	5.47	5.42	5.47	5.61	5.63	5.71	5.72
1980	6.04	5.82	5.88	5.96	5.95	5.97	5.98	6.06	6.09	6.09	6.13	6.25	6.33
1981	6.70	6.41	6.44	6.55	6.55	6.59	6.59	6.71	6.73	6.84	6.92	6.95	7.05
1982		7.11	7.04										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

1977	40.3	39.7	40.9	40.4	40.4	40.5	40.9	39.6	39.4	40.5	40.2	40.6	41.6
1978	40.5	39.5	39.0	41.6	41.0	40.9	41.6	40.3	40.6	40.2	40.1	40.6	40.6
1979	40.6	40.2	40.3	40.7	38.9	40.3	40.5	40.1	40.4	41.0	40.7	41.7	42.0
1980	39.9	40.8	40.1	40.4	40.3	40.2	39.4	39.0	38.7	39.2	39.9	40.6	40.6
1981	40.1	40.3	40.2	40.8	40.1	40.6	40.5	40.4	39.8	39.4	39.4	39.8	40.1
1982		38.5	39.4										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

1977	3.6	3.2	3.7	3.4	3.4	3.6	3.7	3.3	3.4	3.7	3.7	3.8	3.7
1978	3.5	3.4	3.1	3.3	3.6	3.8	3.2	3.0	3.0	3.1	3.0	3.9	3.6
1979	3.6	3.6	3.6	2.9	1.5	2.7	2.7	2.8	2.8	3.2	3.2	3.8	3.6
1980	2.4	2.9	2.7	2.7	2.5	2.2	1.8	1.8	1.9	1.9	2.0	2.6	3.4
1981	2.5	2.7	3.0	3.1	2.6	2.9	2.8	2.5	2.5	2.4	2.6	2.4	2.3
1982		1.9	2.0										

SIC 3644—NONCURRENT-CARRYING WIRING DEVICES

ALL EMPLOYEES—IN THOUSANDS

1977	23.0	22.8	22.6	22.5	22.9	22.9	23.2	22.8	22.9	23.3	23.2	23.2	23.4
1978	23.6	23.6	23.7	23.6	21.9	21.8	23.8	23.8	23.7	24.3	24.6	25.1	25.2
1979	25.1	25.0	25.6	25.9	25.9	25.7	25.8	25.2	24.7	24.8	24.1	23.7	23.6
1980	23.9	24.1	23.7	23.6	23.5	22.1	21.3	19.8	20.2	20.6	20.8	21.2	21.1
1981	21.1	21.2	21.3	21.4	21.5	21.4	21.6	21.0	21.0	20.9	20.8	20.7	20.4
1982		19.5	19.8										

PRODUCTION WORKERS—IN THOUSANDS

1977	16.9	16.6	16.5	16.5	16.9	17.0	17.1	16.8	16.7	17.2	17.2	17.3	17.4
1978	17.2	17.5	17.6	17.8	15.1	15.1	17.1	17.1	16.9	17.6	18.0	18.4	18.5
1979	18.4	18.7	18.9	19.1	19.0	18.9	19.0	18.4	18.1	18.2	17.5	17.2	17.2
1980	15.7	17.4	17.1	17.3	17.1	15.8	15.2	13.9	14.1	14.6	14.8	15.4	15.3
1981	15.4	15.2	15.4	15.5	15.7	15.6	15.9	15.3	15.5	15.2	15.0	15.0	14.9
1982		14.5	14.1										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

1977	210.93	196.84	203.52	206.04	202.93	205.01	210.00	214.80	214.77	216.54	216.40	221.81	216.70
1978	220.84	205.90	215.42	212.31	213.44	218.00	228.30	220.86	219.64	223.91	224.80	227.86	236.55
1979	238.19	224.62	233.06	237.10	224.23	238.00	239.79	234.52	234.14	241.02	241.41	253.83	257.99
1980	267.06	256.05	256.31	256.31	253.62	256.96	261.46	264.80	263.74	272.34	281.64	282.69	294.27
1981	294.52	290.34	288.35	294.84	294.03	295.08	301.39	295.20	283.97	292.87	294.32	296.65	301.55
1982		283.10	292.55										

See footnotes at end of tables

SIC 3644—NONCURRENT-CARRYING WIRING DEVICES (Con.)

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

1977	5.26	5.13	5.05	5.10	5.19	5.19	5.25	5.33	5.29	5.36	5.33	5.41	5.40
1978	5.46	5.39	5.44	5.43	5.27	5.33	5.41	5.44	5.45	5.57	5.62	5.64	5.70
1979	6.03	5.73	5.80	5.84	5.87	5.98	6.04	6.06	6.05	6.18	6.19	6.33	6.37
1980	6.71	6.50	6.44	6.44	6.47	6.64	6.67	6.86	6.78	6.86	6.92	6.98	7.04
1981	7.29	7.03	7.05	7.09	7.26	7.25	7.26	7.38	7.30	7.34	7.47	7.51	7.52
1982		7.45	7.54										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

1977	40.1	38.3	40.3	40.4	39.1	39.5	40.0	40.3	40.6	40.4	40.5	41.0	40.5
1978	40.3	38.2	39.6	39.1	40.5	40.9	42.2	40.6	40.3	40.2	40.0	40.4	41.5
1979	39.5	39.2	40.2	40.6	38.2	39.8	39.7	38.7	38.7	39.0	39.0	40.1	40.5
1980	39.8	39.7	39.8	39.8	39.2	39.0	39.2	38.6	38.9	39.7	40.7	40.5	41.8
1981	40.4	41.3	40.9	41.6	40.5	40.7	41.4	40.0	38.9	39.9	39.4	39.5	40.1
1982		38.0	38.6										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

1977	2.2	1.8	2.1	2.2	1.9	1.8	2.2	1.8	2.2	2.6	2.4	2.5	2.3
1978	2.9	2.0	2.7	2.4	2.7	2.9	3.7	2.5	2.9	3.3	3.0	3.1	3.7
1979	2.3	2.6	2.9	3.1	1.3	2.4	2.3	1.6	2.1	2.3	2.4	2.4	2.5
1980	2.1	2.5	2.8	2.4	1.7	1.4	1.3	1.1	1.5	2.2	2.7	2.4	2.9
1981	2.5	2.8	2.7	2.8	2.7	2.5	2.8	2.1	2.4	2.2	2.1	2.6	1.8
1982		1.7	1.5										

SIC 3645—RESIDENTIAL LIGHTING FIXTURES

ALL EMPLOYEES—IN THOUSANDS

1977	24.2	23.5	23.4	23.9	24.0	23.9	24.1	23.2	24.3	24.4	25.1	25.1	25.1
1978	25.9	24.0	25.6	26.3	26.1	25.9	25.7	25.1	25.9	26.4	26.2	26.3	26.7
1979	27.3	26.1	26.6	27.1	27.2	26.8	27.7	27.1	27.7	27.8	28.2	27.5	27.5
1980	25.1	27.0	27.3	27.9	27.0	24.9	23.3	22.3	23.0	24.0	24.8	24.8	24.6
1981	24.6	24.4	24.6	25.3	25.8	25.3	25.2	24.2	24.1	24.5	24.6	24.1	23.1
1982		22.6	22.6										

PRODUCTION WORKERS—IN THOUSANDS

1977	18.9	18.4	18.3	18.7	18.8	18.6	18.8	18.0	18.0	18.5	19.6	19.8	19.6
1978	20.1	19.4	20.1	20.4	20.2	20.1	19.8	19.3	20.2	20.4	20.4	20.4	20.7
1979	21.0	20.1	20.6	21.2	21.2	20.8	21.4	20.9	21.5	21.5	22.1	21.5	21.5
1980	19.1	21.0	21.1	21.4	20.7	18.6	17.2	16.6	17.2	18.2	19.1	18.8	18.7
1981	18.6	18.3	18.6	19.3	19.7	19.2	19.2	18.1	18.3	18.7	18.7	18.2	17.3
1982		16.7	16.8										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

1977	156.71	149.67	154.50	150.92	150.06	154.54	162.60	158.42	155.77	159.80	159.52	161.83	161.68
1978	165.38	149.13	159.41	170.77	164.05	164.25	166.38	163.32	167.25	170.31	168.66	167.32	172.28
1979	175.25	165.35	173.74	170.62	160.89	177.44	177.17	173.50	178.26	176.70	182.28	181.97	183.61
1980	188.63	184.19	184.68	177.97	184.73	184.02	185.50	179.78	187.82	191.29	199.05	199.54	207.34
1981	213.56	207.69	209.72	212.78	205.88	216.01	217.14	208.88	214.68	217.35	218.31	216.55	217.33
1982		212.53	238.73										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

1977	4.19	4.14	4.12	4.09	4.10	4.11	4.18	4.27	4.21	4.25	4.22	4.27	4.30
1978	4.41	4.31	4.32	4.39	4.34	4.38	4.39	4.45	4.46	4.47	4.45	4.45	4.51
1979	4.60	4.53	4.56	4.49	4.42	4.61	4.59	4.59	4.63	4.65	4.65	4.69	4.72
1980	5.03	4.86	4.86	4.81	4.90	4.96	5.00	5.05	5.09	5.17	5.17	5.21	5.33
1981	5.62	5.48	5.49	5.47	5.49	5.64	5.64	5.60	5.62	5.75	5.70	5.79	5.78
1982		5.92	6.09										

SIC 3645—RESIDENTIAL LIGHTING FIXTURES (Con.)

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	37.4	36.2	37.5	36.9	36.6	37.6	38.9	37.1	37.0	37.6	37.8	37.9	37.6
1978	37.5	34.6	36.9	38.5	37.8	37.5	37.9	36.7	37.5	38.1	37.9	37.6	38.2
1979	38.1	36.5	38.1	38.0	38.4	38.5	38.6	37.8	38.5	38.0	39.2	38.8	38.9
1980	37.5	37.9	38.0	37.0	37.7	37.1	37.1	35.6	36.9	37.0	38.5	38.3	38.9
1981	38.0	37.9	38.2	38.5	37.5	38.3	38.5	37.3	38.2	37.8	38.3	37.4	37.6
1982		35.9	39.2										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	1.6	1.5	2.2	1.6	1.2	1.4	1.4	1.2	1.2	1.6	1.9	1.9	1.9
1978	1.7	1.2	2.0	1.9	1.3	1.3	1.4	1.0	1.9	1.9	2.2	1.8	2.1
1979	1.9	1.5	2.5	2.0	.8	1.8	1.8	2.0	2.1	2.0	2.3	2.4	2.0
1980	1.2	1.8	1.2	1.3	1.1	.7	.6	.6	.7	1.1	1.6	1.6	1.6
1981	1.4	1.2	1.8	1.7	.9	1.5	1.5	.9	1.3	1.6	1.5	1.4	1.3
1982		1.0	2.1										

SIC 365—RADIO AND TV RECEIVING EQUIPMENT

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	122.7	117.8	117.7	117.5	119.5	120.7	123.6	120.4	124.9	128.1	127.3	127.2	126.0
1978	119.5	121.4	118.5	117.2	115.7	117.0	118.6	117.1	118.1	122.4	124.0	123.9	120.3
1979	114.7	114.4	114.8	113.5	110.8	112.6	115.5	112.7	113.5	116.5	116.9	115.7	115.4
1980	108.6	112.2	111.3	110.0	110.7	106.5	107.9	104.0	105.6	108.8	109.1	108.6	109.5
1981	107.2	106.6	105.7	106.0	105.4	106.0	106.7	107.7	109.1	111.6	110.3	107.7	104.1
1982		101.3	98.3										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	65.6	61.8	61.7	62.1	63.4	66.0	67.1	64.2	66.9	69.7	69.2	69.6	67.9
1978	64.0	64.9	63.1	62.1	61.4	62.3	62.6	61.2	63.3	66.6	67.7	67.8	65.4
1979	61.3	61.2	60.1	59.9	57.9	59.4	61.8	59.8	60.9	64.9	65.0	62.1	62.0
1980	57.8	59.4	58.7	59.4	59.1	55.3	57.1	54.0	55.9	58.2	58.6	58.9	59.3
1981	57.0	58.0	57.5	57.3	57.0	57.0	57.0	56.5	56.9	58.6	57.8	56.2	54.1
1982		53.4	51.5										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	90.0	83.8	84.4	84.2	86.4	85.9	91.1	88.2	92.4	95.3	95.0	95.3	94.1
1978	85.0	90.9	88.1	86.9	84.9	86.2	87.4	86.6	87.5	91.8	93.2	93.4	90.8
1979	85.2	84.3	84.7	84.5	81.7	82.9	85.4	83.8	84.7	89.6	89.3	85.8	85.2
1980	78.6	82.2	80.7	81.4	80.4	76.0	78.3	73.8	75.6	78.9	78.6	78.5	78.8
1981	76.3	76.4	75.3	75.7	75.4	76.1	76.1	76.2	77.3	79.8	78.5	76.0	72.7
1982		70.2	67.4										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	192.72	174.96	179.86	181.50	186.44	186.26	193.52	183.52	196.26	202.37	203.50	204.12	209.68
1978	206.56	194.02	195.56	200.72	201.37	201.63	203.84	207.58	212.26	217.08	214.19	211.29	214.18
1979	224.06	211.30	214.70	223.68	205.35	221.18	231.28	221.25	224.96	230.08	228.92	235.20	241.30
1980	249.10	235.55	239.09	245.07	238.77	229.97	243.58	244.19	251.42	257.42	256.89	260.43	281.39
1981	276.78	263.34	252.93	272.61	271.46	276.98	281.00	283.68	282.27	283.86	288.95	293.78	298.85
1982		280.13	291.72										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.83	4.59	4.60	4.63	4.72	4.68	4.79	4.73	4.87	4.96	5.00	5.04	5.19
1978	5.31	5.16	5.16	5.20	5.19	5.21	5.24	5.35	5.36	5.40	5.45	5.39	5.52
1979	5.85	5.68	5.65	5.75	5.72	5.79	5.90	5.90	5.92	5.81	5.90	6.00	6.14
1980	6.42	6.15	6.21	6.30	6.30	6.10	6.41	6.46	6.48	6.55	6.52	6.61	6.88
1981	7.13	6.84	6.83	6.99	7.07	7.03	7.15	7.20	7.11	7.15	7.26	7.40	7.49
1982		7.47	7.48										

See footnotes at end of tables.

SIC 365—RADIO AND TV RECEIVING EQUIPMENT (Con.)

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	39.9	38.2	39.1	39.2	39.5	39.8	40.4	38.8	40.3	40.8	40.7	40.5	40.4
1978	38.9	37.6	37.9	38.6	38.8	38.7	38.9	38.8	39.6	40.2	39.3	39.2	38.8
1979	39.2	37.2	38.0	38.9	35.9	38.2	39.2	37.5	38.0	39.6	38.8	39.2	38.9
1980	38.8	38.3	38.5	38.9	37.9	37.7	38.0	37.6	38.6	39.3	38.8	39.2	39.1
1981	39.1	38.5	38.9	39.0	38.4	39.4	39.3	39.4	39.7	39.7	39.4	39.4	40.0
1982		37.5	39.0									39.8	39.7

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	1.9	1.3	.7	.9	2.1	1.8	1.9	1.5	2.1	2.4	2.6	2.7	2.4
1978	2.1	1.8	1.5	1.7	1.8	2.1	2.1	2.1	2.1	2.9	2.5	2.2	2.0
1979	2.0	1.7	1.8	2.4	1.1	1.6	2.6	2.0	1.9	2.4	2.2	1.9	1.7
1980	1.6	1.4	1.6	1.6	1.4	1.1	1.4	1.1	1.9	1.8	1.6	1.8	1.7
1981	1.5	1.2	.8	1.5	1.6	1.9	1.5	1.7	1.6	1.6	1.5	1.3	1.1
1982		.7	.9										

SIC 3651—RADIO AND TV RECEIVING SETS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	96.0	92.3	92.9	93.6	94.6	97.2	98.0	94.9	99.5	100.5	98.3	97.1	96.1
1978	90.8	92.9	91.9	90.1	89.9	89.4	90.6	88.9	89.5	91.8	92.4	92.1	90.2
1979	87.5	88.4	87.1	85.6	84.9	86.4	87.6	86.0	87.0	88.1	89.0	89.7	89.6
1980	84.2	87.9	87.3	87.8	86.9	82.6	84.2	80.8	82.9	82.9	83.1	83.1	83.1
1981	82.2	82.3	81.6	81.4	80.8	81.3	82.4	82.5	83.4	84.8	84.1	82.6	79.5
1982		79.1	76.4										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	50.3	47.1	47.6	48.7	49.4	51.5	52.3	49.5	52.0	53.3	51.7	50.8	49.7
1978	46.4	47.8	47.4	46.0	45.7	45.6	45.5	44.0	45.6	47.2	47.6	47.6	46.7
1979	45.2	45.6	44.3	43.6	43.4	44.5	45.4	44.1	45.2	46.1	46.4	46.7	46.5
1980	43.0	45.1	44.5	44.6	44.7	41.5	42.6	40.4	41.0	42.4	42.7	43.2	43.1
1981	42.4	43.0	42.7	42.4	42.1	42.1	42.6	42.2	42.5	43.6	43.1	42.4	40.5
1982		40.8	38.8										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	69.0	63.7	65.2	65.6	67.2	69.9	70.9	68.1	72.2	73.1	71.4	70.7	69.7
1978	66.3	67.7	66.8	65.2	65.1	64.9	65.7	64.6	65.1	67.5	67.9	67.9	67.1
1979	63.5	64.6	63.2	62.4	61.6	62.4	63.1	62.6	63.5	64.4	64.7	65.0	64.4
1980	58.9	62.8	61.5	62.0	61.2	57.6	59.3	55.5	55.8	57.9	57.3	57.6	57.8
1981	56.7	57.4	56.7	56.5	55.9	56.4	57.0	56.5	57.1	58.6	57.8	56.6	53.8
1982		53.7	51.2										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	193.85	180.01	183.46	185.73	188.28	186.12	199.02	185.37	195.82	199.10	200.66	201.49	213.33
1978	210.92	203.68	203.14	203.67	207.43	208.59	206.90	211.14	214.73	219.38	217.30	214.23	218.82
1979	230.11	214.11	221.13	229.85	211.09	227.18	237.51	227.46	228.09	235.17	236.01	242.81	245.55
1980	255.92	243.33	246.27	254.26	248.90	236.38	250.99	252.04	254.41	264.60	263.14	270.18	285.11
1981	286.30	273.35	261.93	279.51	281.56	286.69	288.99	289.77	285.98	284.20	296.60	302.54	306.11
1982		286.34	294.14										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.92	4.70	4.68	4.75	4.84	4.76	4.89	4.79	4.92	4.99	5.08	5.14	5.38
1978	5.45	5.36	5.29	5.29	5.36	5.39	5.36	5.47	5.45	5.54	5.62	5.55	5.68
1979	6.04	5.85	5.85	5.97	5.88	6.01	6.09	6.05	6.05	6.02	6.16	6.21	6.28
1980	6.63	6.37	6.43	6.57	6.55	6.27	6.64	6.65	6.66	6.75	6.73	6.84	7.11
1981	7.36	7.10	7.06	7.26	7.39	7.37	7.41	7.43	7.24	7.25	7.49	7.64	7.73
1982		7.76	7.66										

SIC 3661—TELEPHONE AND TELEGRAPH APPARATUS (Con.)

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	41.6	39.9	42.1	41.8	41.7	41.6	41.9	40.9	41.6	42.1	41.5	41.5	42.2
1978	39.6	40.1	39.2	39.5	39.8	39.7	39.7	39.1	40.1	40.4	39.8	40.5	41.6
1979	41.1	40.8	41.0	41.1	39.3	40.6	41.4	40.9	41.0	41.4	41.4	41.8	42.8
1980	40.6	42.1	42.0	41.2	41.3	40.0	39.9	39.3	40.1	40.1	40.8	40.6	41.3
1981	40.9	40.8	40.8	40.5	40.4	40.7	40.9	40.7	41.0	41.4	40.9	40.4	41.1
1982		37.2	40.4										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	2.9	2.3	3.1	2.9	3.0	2.9	3.2	1.9	2.9	3.4	3.1	3.1	3.3
1978	2.7	2.4	2.3	2.5	2.7	2.8	3.2	2.9	3.4	3.5	3.0	3.3	3.7
1979	3.3	3.1	3.4	3.3	2.3	2.9	3.3	2.5	3.1	3.5	3.4	3.5	3.7
1980	2.4	3.6	3.4	3.0	2.9	2.9	3.3	2.9	3.4	3.5	3.4	3.3	3.7
1981	2.4	2.3	2.4	2.0	2.4	2.9	2.8	2.7	2.8	3.5	3.4	3.3	3.3
1982		1.6	2.0	1.9	1.7	2.2	2.1	2.2	2.6	3.0	2.8	2.8	2.9

SIC 3662—RADIO AND TV COMMUNICATION EQUIPMENT

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	314.6	308.8	308.6	309.5	309.4	310.1	314.2	311.0	226.2	316.8	319.2	322.6	324.5
1978	337.1	326.3	329.3	330.0	331.6	332.1	336.3	338.5	340.4	341.5	343.1	347.0	348.8
1979	357.3	350.4	350.5	350.8	350.9	352.8	357.0	357.8	356.5	362.1	363.5	366.9	367.9
1980	377.7	368.9	369.5	370.7	372.4	373.2	377.1	380.5	381.3	382.7	383.6	386.3	388.2
1981	396.5	387.5	387.9	389.8	390.4	392.0	396.8	397.4	399.5	400.0	402.6	405.7	407.6
1982		409.3	407.2										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	95.7	92.6	90.9	93.3	93.5	94.7	96.3	95.1	96.6	97.2	98.5	99.9	100.6
1978	103.8	100.4	100.1	100.9	101.1	101.4	102.9	102.6	104.2	105.4	106.9	108.8	109.9
1979	116.4	110.7	110.9	111.2	111.6	114.8	116.3	116.6	116.7	119.3	120.9	122.7	123.5
1980	127.2	123.6	124.0	124.4	125.1	125.1	126.6	127.9	128.6	128.0	129.4	131.3	132.2
1981	136.6	132.2	132.4	133.6	133.7	134.7	137.7	137.8	137.8	138.0	139.4	140.6	141.2
1982		142.0	140.9										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	125.5	123.9	123.5	123.8	123.6	124.2	125.9	124.6	125.0	126.0	127.0	128.0	128.6
1978	134.3	129.1	130.4	130.1	131.2	131.2	133.1	132.3	135.2	136.4	137.5	140.0	141.2
1979	146.4	143.8	143.8	144.6	144.6	144.8	145.7	145.6	144.9	149.7	148.5	150.1	151.0
1980	154.6	152.0	151.3	152.6	152.7	152.7	154.3	154.8	155.0	154.3	156.5	158.5	160.9
1981	164.6	160.5	161.1	162.3	162.6	163.2	165.1	164.8	166.2	165.8	167.1	168.6	168.3
1982		168.6	168.0										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	249.90	239.19	241.99	246.02	241.80	246.44	249.29	244.95	251.74	252.95	256.25	260.19	265.85
1978	275.39	259.43	257.84	270.52	268.55	267.24	272.33	280.14	279.05	283.41	283.82	289.10	292.19
1979	293.04	284.66	286.62	289.54	281.29	287.84	291.92	289.98	288.32	300.12	298.98	305.76	312.38
1980	313.39	304.71	306.27	311.25	307.85	306.24	310.59	307.20	311.22	318.65	314.71	319.65	327.90
1981	343.40	327.24	328.84	334.13	331.10	335.64	340.17	342.86	345.66	346.40	353.52	357.28	375.90
1982		363.41	369.33										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	6.14	5.95	5.96	6.03	6.03	6.03	6.11	6.17	6.17	6.20	6.25	6.31	6.36
1978	6.62	6.39	6.43	6.55	6.55	6.55	6.61	6.67	6.66	6.72	6.71	6.74	6.81
1979	7.13	6.81	6.89	6.96	6.98	7.04	7.12	7.26	7.19	7.32	7.31	7.35	7.43
1980	7.70	7.45	7.47	7.61	7.62	7.60	7.65	7.68	7.72	7.81	7.85	7.90	8.03
1981	8.50	8.06	8.18	8.25	8.24	8.27	8.42	8.55	8.62	8.66	8.75	8.81	8.95
1982		9.04	9.03										

See footnotes at end of tables

SIC 3662—RADIO AND TV COMMUNICATION EQUIPMENT (Con.)

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	40.7	40.0	40.6	40.8	40.1	40.6	40.8	39.7	40.4	40.8	41.0	41.0	41.6
1978	41.6	40.6	41.2	41.0	41.3	40.8	41.2	41.0	41.5	41.8	41.8	42.0	42.6
1979	41.1	41.4	41.6	41.6	40.3	40.9	41.0	40.5	41.0	41.0	41.0	41.0	41.6
1980	40.4	40.6	41.0	40.5	39.7	40.1	40.4	40.1	40.1	40.0	40.6	40.6	41.0
1981		40.2	40.9										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	2.5	2.5	2.4	2.4	2.3	2.3	2.5	2.3	2.5	2.6	2.6	2.6	2.8
1978	3.0	2.6	2.5	2.5	2.5	2.5	2.5	2.3	2.7	2.8	2.8	2.8	3.0
1979	2.6	2.4	2.5	2.5	2.3	2.3	2.3	2.4	2.5	2.6	2.6	2.6	2.8
1980	2.2	2.4	2.4	2.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.4
1981		2.2	2.2										

SIC 367—ELECTRONIC COMPONENTS AND ACCESSORIES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	404.7	394.1	397.7	395.1	392.0	395.6	404.1	405.9	413.2	416.8	416.3	422.3	425.1
1978	457.2	426.2	433.0	436.7	441.6	445.9	459.4	455.9	466.4	470.0	475.7	483.5	495.5
1979	514.7	493.3	494.4	504.2	509.9	515.5	529.8	530.0	533.7	536.6	542.6	550.0	553.9
1980	553.6	555.3	556.7	549.4	554.7	555.6	559.0	550.6	549.1	547.4	548.7	548.6	551.5
1981	559.2	552.1	549.7	549.6	554.7	555.5	561.9	558.7	562.4	560.9	567.4	566.2	568.3
1982		563.2	564.3										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	211.1	199.4	201.2	200.3	203.4	205.4	210.0	210.0	215.7	218.1	221.1	222.6	224.1
1978	240.6	226.5	229.1	230.1	233.5	235.6	241.6	239.4	245.1	247.6	250.9	255.7	261.0
1979	276.4	265.8	265.9	270.1	273.8	276.7	284.2	277.8	280.6	282.1	285.6	289.4	292.3
1980	285.8	283.6	284.1	281.6	283.1	283.7	285.7	280.1	279.1	279.9	279.5	280.1	280.7
1981		281.9	282.4										
1982		284.3	284.4										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	253.0	239.1	241.3	241.1	241.9	246.6	252.7	252.2	258.4	261.1	263.8	266.2	268.1
1978	287.3	267.6	271.4	274.2	276.7	279.9	287.1	286.5	292.4	296.1	299.7	303.9	311.1
1979	329.1	312.8	314.2	317.8	321.3	324.0	332.5	330.2	333.7	334.0	337.3	342.1	347.4
1980	333.9	336.9	336.1	333.9	339.3	339.3	337.3	327.7	329.2	329.1	329.1	331.1	329.9
1981		323.0	323.3										
1982		329.2	327.1										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	176.30	167.92	172.96	172.70	172.18	175.96	181.52	174.60	179.90	182.66	182.34	185.92	187.48
1978	196.89	186.66	186.51	193.59	192.08	192.96	196.99	195.91	196.31	199.00	199.50	204.65	211.01
1979	214.40	207.13	208.67	209.79	209.50	208.28	214.77	207.73	212.22	214.00	218.96	226.76	234.91
1980	239.58	230.62	232.96	234.00	236.61	234.24	237.98	233.40	239.68	243.27	245.69	251.20	256.24
1981	363.44	269.12	276.91	287.51	290.80	290.11	295.88	297.24	305.99	309.72	317.58	321.48	329.88
1982		303.12											

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.46	4.35	4.33	4.35	4.37	4.41	4.46	4.50	4.52	4.56	4.57	4.61	4.68
1978	4.90	4.75	4.77	4.79	4.79	4.80	4.84	4.91	4.92	5.00	5.00	5.03	5.13
1979	5.36	5.14	5.17	5.18	5.19	5.22	5.29	5.34	5.40	5.46	5.49	5.56	5.65
1980	6.05	5.78	5.82	5.84	5.93	5.93	6.04	6.11	6.13	6.19	6.22	6.29	6.34
1981	6.62	6.40	6.45	6.49	6.47	6.52	6.63	6.63	6.70	6.71	6.74	6.77	6.87
1982		6.96	6.94										

SIC 367—ELECTRONIC COMPONENTS AND ACCESSORIES (Con.)

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	39.6	38.6	39.7	39.7	39.4	39.9	40.7	38.8	39.8	40.1	39.9	40.2	40.7
1978	40.1	39.3	39.1	40.5	40.1	40.2	40.7	39.9	39.9	39.8	40.1	40.8	41.0
1979	40.0	40.3	40.4	40.5	38.9	39.9	40.6	38.9	39.3	40.0	39.8	40.7	41.0
1980	39.6	39.9	40.0	39.8	39.9	39.5	39.4	38.2	39.1	39.3	39.5	40.0	40.7
1981	39.8	39.6	39.4	39.8	39.8	40.0	40.1	38.8	39.7	39.6	39.7	40.1	40.3
1982		38.5	39.9										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	2.3	2.1	2.2	2.1	1.8	2.3	2.5	2.1	2.3	2.6	2.5	2.6	2.9
1978	2.7	2.4	2.4	2.6	2.6	2.5	2.7	2.5	2.6	2.9	2.8	3.0	3.2
1979	2.6	2.6	2.6	3.0	2.2	2.7	2.9	2.5	2.7	3.0	3.0	3.3	3.3
1980	2.5	2.6	2.8	2.8	2.7	2.4	2.2	2.1	2.2	2.4	2.3	2.6	2.7
1981	2.6	2.4	2.2	2.3	2.1	2.3	2.3	2.0	2.3	2.4	2.3	2.3	2.4
1982		2.0	2.2										

SIC 3671-3—ELECTRONIC TUBES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	40.0	39.3	39.6	39.7	39.7	40.1	40.4	40.6	40.1	40.3	39.9	40.2	40.2
1978	41.5	39.9	39.8	39.8	40.1	40.3	40.7	40.9	40.8	41.0	41.0	41.3	41.0
1979	42.2	41.4	41.3	41.5	41.8	42.2	42.6	42.8	42.3	42.6	42.6	43.1	42.6
1980	42.7	42.0	42.1	42.0	42.3	42.5	42.7	43.1	43.0	43.1	42.9	43.2	43.5
1981	44.0	43.6	43.8	44.0	44.1	44.2	44.3	44.3	43.8	44.4	44.2	43.5	43.4
1982		43.5	43.9										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	15.1	14.7	14.9	15.0	15.1	15.1	15.3	15.3	15.1	15.2	15.1	15.2	14.8
1978	15.4	15.1	15.2	15.2	15.4	15.5	15.7	15.8	15.6	15.7	15.7	15.8	15.7
1979	16.1	15.7	15.8	15.9	16.0	16.2	16.4	16.3	15.9	16.2	16.1	16.2	16.2
1980	16.2	16.1	16.1	16.0	16.1	16.1	16.2	16.2	16.3	16.2	16.1	16.1	16.3
1981	16.5	16.4	16.5	16.6	16.6	16.6	16.6	16.7	16.4	16.5	16.5	16.1	15.9
1982		15.9	15.9										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	25.2	24.4	24.5	24.6	24.6	25.0	25.4	25.7	25.3	25.7	25.6	26.0	26.0
1978	26.6	25.7	26.0	26.1	26.4	26.7	27.1	27.1	26.8	27.0	26.8	27.1	26.7
1979	27.1	27.1	27.0	27.0	27.0	27.2	27.3	27.4	26.9	26.8	27.0	27.1	27.0
1980	26.9	26.5	26.5	26.4	26.6	26.7	26.9	27.1	26.9	26.8	26.6	26.7	26.9
1981	26.9	26.9	27.1	27.2	27.3	27.2	27.3	27.2	26.5	27.0	26.9	26.2	26.1
1982		26.3	26.3										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	238.57	219.35	225.76	230.58	224.95	231.42	239.38	236.59	246.08	253.58	248.26	248.67	253.73
1978	255.96	251.64	244.62	256.52	252.12	258.83	260.53	255.64	253.37	260.00	263.96	270.07	272.43
1979	280.80	266.00	267.49	273.31	270.35	273.41	280.14	276.34	273.38	288.84	286.47	295.94	310.74
1980	315.17	304.26	303.36	310.73	323.64	308.16	308.59	303.11	309.61	320.02	321.77	326.88	337.50
1981	336.99	334.36	327.95	330.84	337.35	332.52	335.36	332.29	330.96	337.68	337.39	344.21	356.24
1982		342.73	352.61										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	5.68	5.47	5.44	5.49	5.50	5.51	5.58	5.66	5.67	5.75	5.76	5.81	5.97
1978	6.18	6.02	6.03	6.05	6.11	6.09	6.13	6.16	6.21	6.25	6.33	6.31	6.41
1979	6.75	6.47	6.43	6.57	6.61	6.62	6.67	6.74	6.75	6.91	6.97	7.08	7.16
1980	7.54	7.21	7.25	7.26	7.44	7.39	7.49	7.54	7.57	7.73	7.81	7.82	7.96
1981	8.27	7.98	7.96	8.03	8.09	8.15	8.26	8.37	8.40	8.40	8.52	8.52	8.67
1982		8.68	8.69										

SIC 3671-3—ELECTRONIC TUBES (Con.)

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	42.3	40.1	41.5	42.0	40.9	42.0	42.9	41.8	43.4	44.1	43.1	42.8	42.5
1978	42.0	41.8	40.6	42.4	42.9	42.5	42.5	41.5	40.8	41.6	41.7	42.8	42.5
1979	41.6	41.9	41.6	41.6	40.9	41.3	42.0	41.0	40.5	41.8	41.1	41.8	43.4
1980	41.8	42.2	41.9	42.8	43.5	41.7	41.2	40.2	40.9	41.4	41.2	41.8	42.4
1981	40.7	41.9	41.2	41.2	41.7	40.8	40.6	39.7	39.4	40.2	39.6	40.4	41.1
1982		39.6	40.6										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	2.1	1.1	1.7	2.1	1.4	2.4	2.8	1.6	1.7	2.9	2.4	2.7	2.8
1978	2.4	2.2	2.7	2.7	2.4	2.2	2.7	2.1	1.9	2.4	2.1	2.6	2.7
1979	2.1	2.0	2.0	2.2	1.8	1.9	2.3	1.9	2.0	2.4	2.1	2.6	2.6
1980	2.4	2.6	2.5	2.9	2.7	2.3	2.3	2.1	2.0	2.4	2.2	2.6	2.7
1981	2.0	2.4	2.1	2.3	2.1	1.8	1.9	1.7	1.7	2.1	2.0	2.0	2.1
1982		1.8	1.9										

SIC 3674—SEMICONDUCTORS AND RELATED DEVICES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	147.5	140.1	140.6	140.7	141.7	142.8	146.2	149.6	152.3	153.6	153.7	154.6	154.3
1978	168.9	154.3	154.8	156.9	160.6	163.2	169.7	171.7	173.9	175.0	178.6	182.6	185.9
1979	201.1	186.8	188.0	191.2	193.2	194.6	200.4	203.9	204.5	207.6	211.3	214.5	216.6
1980	223.4	218.5	219.4	221.4	222.5	222.7	225.9	226.1	225.0	222.9	224.9	224.9	226.1
1981	224.6	226.4	224.0	222.6	225.6	223.4	224.5	224.3	225.1	224.3	224.8	225.0	225.3
1982		225.1	225.0										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	70.5	65.5	66.2	66.5	66.9	67.7	69.6	71.2	73.0	73.8	75.1	75.7	75.0
1978	81.3	74.9	74.9	75.9	78.5	79.6	81.2	81.4	83.0	83.8	85.8	87.8	88.9
1979	95.9	89.1	89.5	91.0	92.0	92.9	95.5	96.9	97.9	98.6	100.8	102.7	104.4
1980	105.8	105.1	104.6	105.6	106.3	106.1	107.5	107.2	105.9	104.6	105.5	105.5	105.9
1981	103.0	104.2	102.9	102.9	104.0	102.7	102.8	102.5	102.8	102.5	102.9	102.7	102.9
1982		103.4	103.5										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	69.6	65.7	65.9	65.8	65.9	66.9	68.8	70.4	72.2	72.5	73.5	73.8	73.2
1978	79.2	72.3	72.1	73.0	74.4	76.2	78.4	79.0	81.0	82.3	84.5	87.7	89.9
1979	94.3	89.8	90.4	90.8	91.7	91.8	93.7	94.3	95.0	95.8	97.2	98.7	101.9
1980	99.1	102.6	102.1	102.2	102.1	101.8	100.5	99.1	97.8	96.6	94.2	94.7	95.3
1981	92.2	94.1	93.2	92.8	94.1	92.9	92.0	90.8	91.6	92.0	91.8	90.5	91.1
1982		90.4	91.3										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	201.80	191.20	195.51	195.60	196.21	200.07	212.27	190.89	199.80	206.15	203.41	208.69	217.35
1978	222.50	212.53	211.58	220.42	215.02	215.42	222.91	218.69	224.27	228.33	226.70	229.50	239.67
1979	246.38	234.58	240.66	239.25	226.86	238.05	250.16	230.44	247.65	254.62	250.72	258.54	275.14
1980	273.88	266.09	271.51	271.06	269.73	264.40	271.07	258.06	272.35	276.19	280.00	288.56	298.69
1981	302.30	292.90	295.73	295.00	290.47	297.27	313.59	287.25	310.31	308.74	309.91	311.08	317.97
1982		313.21	320.79										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	5.02	4.89	4.90	4.89	4.93	4.94	5.03	5.05	5.02	5.09	5.06	5.09	5.25
1978	5.44	5.34	5.37	5.35	5.27	5.28	5.32	5.36	5.47	5.61	5.57	5.53	5.72
1979	5.98	5.68	5.73	5.71	5.70	5.75	5.90	5.97	6.13	6.18	6.13	6.20	6.52
1980	6.83	6.49	6.59	6.66	6.66	6.66	6.88	6.90	6.93	7.01	7.00	7.09	7.18
1981	7.52	7.25	7.32	7.32	7.28	7.34	7.63	7.50	7.70	7.68	7.69	7.70	7.89
1982		7.99	7.96										

See footnotes at end of tables

SIC 3674—SEMICONDUCTORS AND RELATED DEVICES (Con.)

SIC 3679—ELECTRONIC COMPONENTS, NEC

SIC 3679—ELECTRONIC COMPONENTS, NEC (Con.)

SIC 369—MISC. ELECTRICAL EQUIPMENT AND SUPPLIES

SIC 369—MISC. ELECTRICAL EQUIPMENT AND SUPPLIES (Con.)

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	41.9	39.7	41.6	41.4	41.5	41.5	42.6	41.7	42.7	42.7	41.6	42.2	42.9
1978	40.6	39.9	40.2	40.2	40.6	40.9	41.1	40.6	40.9	41.5	41.1	41.1	42.6
1979	41.6	41.1	40.9	41.0	38.7	40.8	40.6	40.0	40.1	40.6	40.7	40.7	41.4
1980	39.9	39.4	39.1	39.4	39.1	39.2	39.4	38.2	39.6	40.4	40.6	41.4	42.3
1981	40.1	40.5	39.2	40.2	40.1	40.5	40.6	39.9	40.7	39.9	40.7	40.5	40.4
1982		37.2	39.4										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.3	4.1	4.0	3.8	4.2	3.9	4.2	3.9	5.7	4.9	4.3	4.3	4.3
1978	3.4	4.1	4.0	3.5	3.3	3.7	3.5	3.6	3.7	4.4	4.0	3.9	4.0
1979	3.4	3.6	3.6	3.4	1.7	3.4	2.9	2.1	2.3	2.6	2.7	2.4	2.0
1980	2.0	1.6	1.6	1.7	1.3	1.2	1.2	1.0	1.8	2.5	2.7	3.4	3.4
1981	2.3	2.5	2.1	2.2	2.2	2.5	2.4	2.1	2.3	2.1	2.4	2.0	2.0
1982		1.6	1.7										

SIC 3691—STORAGE BATTERIES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	27.1	27.0	25.9	26.2	25.3	25.1	26.7	26.3	26.6	28.0	28.9	29.4	29.8
1978	30.4	29.9	29.9	29.7	29.7	30.1	29.7	28.9	30.1	31.1	31.6	32.0	32.3
1979	31.5	32.3	32.1	32.0	31.7	31.7	31.3	28.5	31.2	32.0	31.9	31.7	31.5
1980	28.7	30.5	27.7	29.8	28.8	26.9	27.0	24.6	27.5	29.4	30.2	31.0	31.1
1981	29.2	29.9	28.9	27.6	27.6	27.6	28.1	27.6	29.4	30.6	30.9	31.2	30.6
1982		30.0	29.7										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	21.5	21.2	20.5	20.8	20.1	19.7	21.0	20.5	20.9	22.3	23.3	23.9	24.1
1978	24.1	24.2	24.1	23.9	23.8	24.0	23.5	22.3	23.6	24.5	25.1	25.7	25.8
1979	26.1	25.7	25.6	25.5	25.3	25.3	25.0	22.1	24.8	25.7	25.6	25.4	25.2
1980	22.4	24.2	21.4	22.5	22.4	20.6	20.8	18.4	21.3	23.1	23.8	24.7	24.7
1981	22.6	23.7	22.7	22.2	21.4	21.5	21.9	21.2	22.9	24.1	24.3	24.5	24.2
1982		23.4	22.6										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	266.01	266.70	268.61	266.55	264.77	274.78	287.47	277.12	290.17	305.55	305.55	305.27	305.06
1978	283.62	294.20	295.10	279.07	272.56	280.55	285.60	287.52	302.10	311.53	313.96	306.71	316.09
1979	295.32	301.02	297.80	287.83	259.16	287.39	291.21	284.99	305.72	311.13	311.66	304.91	300.13
1980	313.63	343.33	297.55	265.34	265.38	291.06	297.56	267.23	320.39	332.48	344.44	359.13	359.54
1981	346.12	350.20	322.37	321.01	326.20	335.64	338.04	335.29	361.92	346.33	377.16	370.39	358.57
1982		340.61	292.37										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	6.36	6.49	6.31	6.26	6.38	6.42	6.46	6.49	6.64	6.76	6.76	6.86	6.84
1978	7.00	7.49	6.73	6.79	6.78	6.91	7.00	7.17	7.21	7.33	7.37	7.32	7.42
1979	7.42	7.35	7.25	7.25	7.14	7.35	7.41	7.48	7.53	7.57	7.62	7.51	7.56
1980	7.91	7.54	7.54	7.45	7.61	7.70	7.81	7.68	7.95	8.07	8.34	8.49	8.52
1981	8.91	8.60	8.33	8.21	8.33	8.37	8.43	8.51	8.70	8.79	8.98	8.99	8.81
1982		8.54	8.47										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	43.6	42.4	42.6	42.9	41.5	42.6	44.5	42.7	43.7	45.2	45.2	44.5	44.6
1978	42.4	42.7	39.9	41.1	40.2	40.6	40.8	40.1	41.9	42.5	42.6	41.9	42.6
1979	39.6	41.5	41.1	39.7	36.3	39.1	39.3	38.1	40.6	41.1	40.9	40.6	39.7
1980	39.6	39.9	38.8	38.3	37.5	37.6	38.1	37.4	40.1	41.2	41.3	42.3	42.2
1981	41.0	40.1	38.7	39.1	39.4	40.1	40.1	39.4	41.6	39.4	42.0	41.2	40.7
1982		38.1	39.5										

See footnotes at end of tables.

SIC 3691—STORAGE BATTERIES (Con.)

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.2	5.7	5.6	4.8	4.9	5.0	4.8	3.9	4.9	5.7	5.7	5.2	5.4
1978	4.1	5.0	4.1	3.3	2.9	3.3	3.6	3.4	5.1	5.5	5.4	5.1	5.0
1979	3.1	4.4	3.9	3.1	1.5	2.6	2.8	2.5	3.6	4.0	3.6	2.6	2.2
1980	2.1	1.9	1.3	1.1	.6	.7	.8	1.2	2.0	3.0	3.9	4.3	3.8
1981	2.2	3.1	1.4	1.5	1.7	1.9	2.0	2.1	2.5	2.3	3.1	2.4	1.9
1982		2.2	1.7										

SIC 3694—ENGINE ELECTRICAL EQUIPMENT

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	73.8	73.7	72.6	72.0	72.0	72.0	73.2	73.0	72.6	72.0	75.5	75.3	76.5	76.8
1978	81.1	75.9	75.4	75.1	77.2	78.9	78.8	79.7	81.0	84.6	86.9	88.7	90.4
1979	86.8	91.1	91.1	92.1	90.7	90.0	90.3	85.4	82.7	85.1	83.9	78.1	80.8
1980	68.3	77.2	76.4	77.6	71.1	66.5	62.5	59.9	63.9	65.1	65.7	67.4	66.1
1981	61.1	63.3	61.3	60.2	61.0	61.6	61.5	60.9	60.7	63.0	62.4	61.1	56.2
1982		54.8	53.8										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	24.9	24.9	24.2	23.8	24.0	24.4	24.4	24.6	24.7	25.7	25.5	26.2	26.4
1978	28.7	26.2	26.4	26.3	27.2	28.1	28.3	28.0	29.1	30.1	30.7	31.5	32.0
1979	29.9	32.2	31.9	32.2	31.6	31.3	31.6	29.6	28.3	28.7	28.3	25.4	26.7
1980	23.0	25.6	25.1	25.7	24.0	21.7	20.6	19.7	21.2	21.7	23.0	24.0	23.6
1981	22.8	22.5	21.6	21.6	22.3	22.9	22.9	23.0	23.5	24.6	24.1	23.5	21.4
1982		22.5	22.9										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	59.0	59.0	58.5	57.7	57.5	58.6	58.2	57.8	57.1	60.4	60.3	61.5	61.8
1978	64.3	60.6	60.1	59.7	61.3	62.9	62.3	62.7	63.6	67.2	69.0	70.5	71.8
1979	67.1	72.2	71.7	72.4	70.9	69.9	70.1	65.5	62.4	65.1	64.3	58.9	61.7
1980	51.3	58.3	57.6	59.2	53.4	49.2	45.8	43.4	47.1	48.7	49.8	51.7	50.8
1981	46.9	48.2	46.7	46.1	46.8	47.5	47.4	47.0	46.7	48.9	48.4	47.2	42.3
1982		42.3	41.7										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	304.19	264.80	283.71	283.18	294.69	295.78	315.49	310.91	332.76	316.83	307.76	313.63	330.48
1978	317.05	301.02	303.67	296.35	305.78	315.65	318.06	320.62	311.71	324.66	321.16	323.99	350.60
1979	329.27	334.15	326.03	331.66	301.86	340.31	336.60	329.26	319.20	324.82	333.72	325.00	346.19
1980	350.16	319.55	324.94	337.26	335.62	329.64	340.06	334.21	346.24	363.65	377.48	390.32	411.40
1981	364.34	389.61	362.70	379.93	389.77	388.60	393.56	397.37	388.27	379.08	382.97	380.83	371.61
1982		344.96	357.95										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	7.26	6.86	6.82	6.89	7.05	7.11	7.32	7.35	7.58	7.42	7.47	7.49	7.65
1978	7.79	7.64	7.63	7.56	7.55	7.68	7.72	7.82	7.64	7.88	7.95	7.98	8.23
1979	8.13	8.19	8.09	8.05	7.80	8.24	8.25	8.09	8.02	8.08	8.24	8.15	8.39
1980	8.91	8.30	8.44	8.67	8.65	8.54	8.72	8.96	8.97	9.16	9.39	9.52	9.68
1981	9.73	9.62	9.47	9.57	9.72	9.72	9.79	10.06	9.78	9.77	9.72	9.78	9.76
1982		9.69	9.52										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	41.9	38.6	41.6	41.1	41.8	41.6	43.1	42.3	43.9	42.7	41.2	41.9	43.2
1978	40.7	39.4	39.8	39.2	40.5	41.1	41.2	41.0	40.8	41.2	40.4	40.6	42.6
1979	40.5	40.6	40.3	41.2	38.7	41.3	40.8	40.7	39.6	40.2	40.5	40.0	41.5
1980	39.3	38.5	38.5	38.9	38.8	38.6	39.0	37.3	38.6	39.7	40.2	41.0	42.5
1981	39.5	40.5	38.3	39.7	40.1	40.0	40.2	39.5	39.7	38.6	39.4	39.1	38.3
1982		39.6	37.6										

Year | Ann Avg | Jan | Feb | Mar | Apr | May | June | July | Aug | Sept | Oct | Nov | Dec

SIC 3694—ENGINE ELECTRICAL EQUIPMENT (Con.)

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

SIC 37—TRANSPORTATION EQUIPMENT

ALL EMPLOYEES—IN THOUSANDS

WOMEN EMPLOYEES—IN THOUSANDS

PRODUCTION WORKERS—IN THOUSANDS

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

PRODUCTION WORKER AVERAGE WEEKLY HOURS

SIC 37—TRANSPORTATION EQUIPMENT (Con.)

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

SIC 371—MOTOR VEHICLES AND EQUIPMENT

ALL EMPLOYEES—IN THOUSANDS

WOMEN EMPLOYEES—IN THOUSANDS

PRODUCTION WORKERS—IN THOUSANDS

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

PRODUCTION WORKER AVERAGE WEEKLY HOURS

See footnotes at end of table.

SIC 371—MOTOR VEHICLES AND EQUIPMENT (Con.)

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	6.4	6.1	4.8	6.7	6.4	7.3	7.1	6.8	6.1	6.6	7.0	6.5	5.9
1978	6.1	5.1	4.9	5.7	6.0	6.1	6.2	6.0	5.3	6.8	7.0	7.1	6.6
1979	4.4	4.6	4.2	6.0	2.6	5.8	4.7	4.5	4.0	3.5	3.5	2.5	2.4
1980	2.2	1.4	2.2	2.6	2.1	1.5	1.6	1.8	2.4	2.7	3.5	3.8	4.4
1981	3.0	1.5	2.5	2.8	3.3	4.1	4.0	3.7	3.1	2.5	2.8	2.1	1.6
1982		1.5	1.9										

SIC 3711—MOTOR VEHICLES AND CAR BODIES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	441.0	437.5	403.3	429.5	439.4	446.1	452.9	437.3	400.9	458.1	471.4	464.2	475.9
1978	469.9	458.4	451.7	466.6	469.5	474.6	461.8	450.6	427.8	485.0	490.1	464.6	496.1
1979	463.1	446.3	475.2	491.3	492.3	498.8	479.4	452.9	377.4	464.7	450.3	421.2	465.8
1980	398.1	375.4	384.9	410.1	366.4	349.6	356.3	336.4	339.7	368.4	378.8	382.2	373.0
1981	352.4	351.4	333.7	364.5	374.4	377.4	379.5	357.8	320.7	350.7	359.7	341.1	318.4
1982		296.5	295.3										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	85.1	80.9	78.4	81.0	82.4	86.0	86.0	82.3	76.2	86.9	89.0	87.6	89.8
1978	88.1	83.7	83.0	87.4	87.3	89.3	87.2	84.8	80.2	91.3	92.3	87.4	93.4
1979	87.1	83.7	86.4	91.5	92.2	93.5	90.2	85.2	71.0	87.4	84.7	79.2	87.6
1980	74.9	70.6	72.4	77.1	68.9	65.8	67.0	63.3	63.9	69.3	71.2	71.9	70.2
1981	66.3	66.1	62.8	68.6	70.4	71.0	71.4	67.3	60.3	66.0	67.7	64.2	59.9
1982		55.8	55.6										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	329.6	322.1	294.9	317.7	328.4	333.6	339.5	322.2	294.0	341.8	355.5	350.4	360.2
1978	349.1	337.1	335.1	348.9	351.7	356.0	341.4	327.5	299.1	362.1	367.7	372.5	378.7
1979	343.6	365.4	352.4	367.6	369.3	376.6	356.4	327.2	252.1	341.5	328.9	303.9	347.9
1980	252.9	257.6	269.8	295.0	245.1	228.7	243.1	228.7	220.4	252.2	261.8	272.5	263.0
1981	247.4	247.6	229.3	258.9	268.7	272.0	274.2	251.5	212.7	244.3	254.8	238.5	218.6
1982		198.7	202.9										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	345.75	342.59	317.97	357.14	347.93	371.22	377.81	363.78	342.32	372.82	387.21	381.33	400.76
1978	388.80	387.99	384.97	382.38	385.44	381.89	391.60	384.05	349.77	395.95	412.83	423.46	451.23
1979	402.39	398.79	415.51	422.48	325.42	417.64	410.33	409.45	391.64	392.69	406.23	390.04	438.44
1980	428.79	444.44	390.79	401.95	393.76	396.66	406.15	413.16	410.64	442.66	476.74	461.43	534.61
1981	501.45	469.64	441.34	490.36	502.98	521.79	527.66	517.07	501.43	485.55	532.51	515.57	512.73
1982		449.36	419.54										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	7.72	7.58	7.47	8.04	7.98	8.07	8.16	8.12	8.17	8.21	8.51	8.55	8.60
1978	8.34	8.33	8.33	8.25	8.30	8.29	8.40	8.39	8.30	8.38	8.84	8.89	8.96
1979	8.74	8.81	8.53	8.61	9.01	9.05	8.64	8.89	8.90	9.04	9.24	9.29	9.56
1980	10.45	9.91	10.03	10.28	10.39	10.25	10.66	10.76	10.84	11.15	11.46	11.49	11.96
1981	12.24	11.80	11.77	11.96	12.09	12.22	12.39	12.37	12.23	12.45	12.77	12.73	12.66
1982		12.47	12.66										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	40.7	40.6	41.1	44.2	43.6	46.0	46.3	44.4	41.9	45.3	45.5	44.6	46.6
1978	43.0	43.0	43.0	43.2	43.8	43.4	44.0	43.2	39.3	43.6	44.2	45.1	47.0
1979	43.1	43.0	43.5	44.0	44.0	43.9	43.7	41.4	39.6	40.4	41.2	39.8	42.6
1980	41.1	41.1	41.5	44.0	34.4	42.4	41.7	41.4	39.6	39.7	41.6	41.9	44.7
1981	41.7	41.6	39.0	39.1	37.9	38.7	38.1	38.4	37.9	39.1	41.3	40.5	40.5
1982		41.0	41.8	41.0	41.6	42.7	42.2	41.6	41.0	39.1	41.3	40.5	41.3

SIC 3711—MOTOR VEHICLES AND CAR BODIES (Con.)

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	6.6	6.4	4.4	7.4	6.2	8.1	7.5	6.8	6.1	6.7	7.7	7.2	5.9
1978	6.4	5.1	5.4	6.4	6.3	6.3	6.4	5.9	5.1	6.8	7.4	7.8	7.1
1979	5.0	6.0	7.4	7.1	2.7	7.0	5.5	5.7	5.6	4.0	3.8	2.5	2.4
1980	2.7	0.5	1.9	2.5	2.1	1.6	1.4	1.8	2.4	2.6	3.8	4.1	4.9
1981	3.0	2.4	2.5	2.6	3.5	4.6	4.1	4.1	3.2	2.4	3.0	2.1	1.5
1982		1.4	1.9										

SIC 3713—TRUCK AND BUS BODIES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	45.8	44.6	45.3	46.1	45.2	46.8	45.9	46.8	45.8	46.4	46.3	45.3	45.4
1978	45.3	44.5	44.7	44.0	44.6	43.3	44.7	44.5	45.8	47.2	46.5	46.8	46.6
1979	46.1	46.8	47.6	47.2	46.8	47.6	48.7	47.6	40.6	46.2	45.7	45.0	43.7
1980	39.7	43.5	44.0	42.6	41.7	39.0	36.8	37.9	37.3	38.3	37.7	38.6	39.0
1981	37.1	38.6	38.3	37.5	37.7	37.1	37.7	37.9	36.7	37.4	36.9	35.6	34.1
1982		33.0	33.8										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	5.0	5.0	4.9	4.8	4.6	4.9	4.5	5.0	5.2	5.3	5.2	5.2	5.2
1978	5.4	5.3	5.4	5.4	5.5	5.7	6.1	6.0	4.6	5.5	5.4	5.2	5.1
1979	4.5	5.2	5.4	4.5	4.7	4.3	4.1	4.0	4.1	4.2	4.0	4.4	4.5
1980	4.1	4.4	4.2	4.1	4.3	3.9	4.2	4.2	4.1	4.3	4.2	4.1	3.7
1981		3.4	3.5										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	36.1	34.5	35.2	36.0	35.5	36.7	36.1	37.1	36.2	36.8	36.9	36.1	35.2
1978	36.5	35.7	35.6	35.2	35.8	34.6	35.6	35.7	37.1	38.5	38.0	38.1	38.2
1979	36.8	37.9	38.4	38.1	37.9	38.3	39.1	37.9	31.1	36.7	36.0	35.5	34.5
1980	30.3	34.3	34.6	33.1	32.3	29.9	28.0	29.1	28.4	29.6	27.7	28.7	29.1
1981	27.5	28.8	28.4	27.8	29.2	27.8	28.4	28.5	27.4	28.3	28.0	26.9	25.7
1982		24.5	25.4										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	260.69	246.38	253.08	260.71	255.91	258.45	266.07	267.26	256.14	264.27	263.49	263.16	275.98
1978	279.24	259.62	263.34	269.28	277.98	276.35	286.75	280.98	273.78	280.89	268.62	285.80	291.04
1979	287.03	280.50	278.03	285.53	254.56	290.73	287.60	297.82	277.80	295.14	293.92	295.64	324.59
1980	316.32	304.57	304.94	305.96	268.24	295.09	310.86	324.62	312.91	322.36	321.53	356.10	355.01
1981	352.84	345.24	331.63	335.41	341.88	385.60	364.10	349.92	351.01	350.55	370.47	370.86	376.24
1982		366.01	360.10										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	6.40	6.35	6.28	6.39	6.35	6.35	6.32	6.44	6.34	6.41	6.41	6.51	6.57
1978	6.67	6.64	6.60	6.80	6.80	6.75	6.86	6.87	6.76	6.96	7.06	7.04	7.03
1979	7.10	7.03	6.92	7.04	6.88	7.25	7.19	7.38	6.98	7.36	7.46	7.40	7.71
1980	8.09	7.87	7.90	7.87	7.80	7.89	7.84	8.29	8.17	8.12	8.14	8.56	8.68
1981	8.79	8.65	8.66	8.67	8.55	8.64	8.66	8.77	8.71	8.82	9.17	9.08	9.11
1982		9.29	9.56										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	40.7	39.4	40.3	40.6	40.3	40.7	40.3	41.5	40.4	41.1	40.6	40.3	42.0
1978	40.9	39.1	39.6	39.6	40.7	40.7	41.8	40.6	40.5	40.3	40.0	40.6	41.4
1979	39.7	39.9	39.6	40.7	37.0	40.1	40.0	39.0	39.8	40.1	39.4	38.9	42.1
1980	39.1	38.7	39.6	38.8	37.8	37.4	39.6	39.1	38.3	39.1	39.5	41.6	40.9
1981	40.1	39.9	39.2	39.6	39.4	40.2	40.1	39.9	40.2	39.7	40.4	40.6	41.3
1982		39.4	40.2										

SIC 3713—TRUCK AND BUS BODIES (Con.)

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.5	3.5	3.5	3.4	3.3	3.5	4.1	4.1	2.9	4.1	3.7	3.4	3.1
1978	4.0	3.5	3.7	3.7	4.0	4.3	4.1	4.1	3.3	3.6	4.0	3.6	4.6
1979	3.3	4.4	3.6	4.1	3.4	4.0	3.4	3.5	3.1	3.6	3.6	3.5	3.7
1980	3.3	3.8	3.9	3.4	3.0	3.3	3.5	3.3	3.3	3.6	3.6	3.5	3.7
1981	3.4	3.3	3.3	3.5	3.5	3.5	3.4	3.5	3.5	3.7	3.3	3.3	3.5
1982		2.7	3.7										

SIC 3714—MOTOR VEHICLE PARTS AND ACCESSORIES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	426.1	411.3	408.6	411.8	411.5	420.3	427.4	430.7	422.4	429.9	444.7	444.4	451.7
1978	451.0	446.4	447.7	448.6	449.1	446.5	459.4	461.1	438.1	446.9	467.7	471.3	474.4
1979	441.1	448.4	451.3	454.4	453.7	460.0	460.4	439.4	417.1	429.7	422.6	410.1	420.8
1980	389.5	388.3	387.4	375.6	350.7	331.4	326.1	330.5	334.2	341.5	351.1	353.2	363.0
1981	367.7	361.3	355.4	367.6	373.9	375.0	378.1	384.2	359.1	370.9	365.1	358.7	356.7
1982		329.1	324.5										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	66.2	61.3	62.3	62.1	62.4	62.9	66.2	66.9	65.4	66.6	71.0	70.9	72.1
1978	74.0	72.6	69.9	70.0	70.4	71.4	72.4	72.4	69.6	70.8	73.6	73.9	74.4
1979	75.7	80.6	79.4	79.3	79.0	80.4	79.5	74.9	70.8	73.1	72.0	69.7	71.3
1980	69.1	68.9	68.1	65.4	61.2	58.5	58.0	58.4	57.8	59.0	61.0	61.1	62.1
1981	63.1	62.4	60.3	62.3	63.0	63.2	64.2	64.7	60.7	62.6	61.8	60.2	59.8
1982		54.5	53.4										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	344.5	332.1	327.4	332.3	332.3	338.9	344.6	337.4	337.5	350.1	354.9	356.0	356.8
1978	364.1	361.1	361.4	356.1	356.1	360.4	362.1	366.0	350.7	356.7	373.4	376.6	378.1
1979	355.1	360.6	363.6	374.6	375.4	373.9	373.2	347.5	330.5	343.1	337.1	327.4	335.4
1980	294.4	303.9	307.6	293.5	268.4	252.5	248.1	251.0	254.4	260.4	267.1	268.4	276.4
1981	280.1	274.9	270.4	280.7	284.7	285.4	287.5	292.5	273.1	282.1	277.6	272.8	271.2
1982		250.4	246.9										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	344.75	334.01	331.44	332.12	339.76	341.67	350.02	347.21	345.46	352.58	356.73	357.56	360.34
1978	364.80	356.45	355.27	347.56	354.49	361.48	367.78	368.01	345.8	353.07	372.32	374.40	377.57
1979	365.58	366.29	370.70	380.88	386.11	379.49	371.18	351.59	334.91	344.61	332.32	324.40	334.57
1980	361.52	358.22	364.71	347.54	324.18	312.78	307.44	310.64	314.71	322.61	331.01	332.32	342.12
1981	428.07	421.67	403.61	424.96	429.50	432.11	436.03	438.03	414.11	427.61	420.94	413.74	411.06
1982		380.52	377.14										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	7.80	7.68	7.61	7.65	7.67	7.71	7.80	7.82	7.76	7.80	7.78	7.79	7.77
1978	8.04	7.79	8.04	8.14	8.14	8.19	8.18	8.19	8.20	8.24	8.26	8.30	8.31
1979	8.48	8.48	8.48	8.48	8.51	8.52	8.54	8.56	8.58	8.59	8.60	8.61	8.62
1980	8.62	8.60	8.66	8.68	8.70	8.74	8.80	8.82	8.85	8.89	8.93	8.96	8.98
1981	9.34	9.35	9.38	9.38	9.38	9.39	9.39	9.39	9.39	9.39	9.39	9.39	9.39
1982		9.56	9.56										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	44.2	43.4	42.7	43.7	44.1	44.4	45.4	44.6	43.9	45.3	44.8	44.2	45.8
1978	45.4	44.4	45.2	42.9	43.5	43.7	44.3	44.5	42.2	43.1	44.4	44.6	45.4	45.6
1979	41.4	42.5	42.5	42.7	38.5	42.1	41.6	41.0	40.4	41.4	40.7	39.9	40.3	40.4
1980	40.5	39.8	39.6	40.3	39.4	39.1	39.4	39.5	39.5	40.0	40.1	40.1	40.4	40.4
1981	41.2	41.7	40.2	41.5	41.6	41.4	42.3	41.3	41.2	39.9	40.6	40.3	41.0	41.0
1982		37.9	39.9										

SIC 3714—MOTOR VEHICLE PARTS AND ACCESSORIES (Con.)

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	6.7	6.4	5.5	6.2	7.1	7.4	7.2	7.6	6.7	7.1	6.6	6.5	6.4
1978	6.1	5.5	6.4	5.4	6.2	6.6	6.4	6.6	6.0	6.3	7.2	7.1	6.7
1979	4.9	6.3	5.6	6.5	5.4	6.0	6.1	5.8	5.0	5.2	5.0	4.7	4.7
1980	3.7	4.3	3.4	3.8	3.3	3.5	3.5	3.7	3.6	3.9	3.9	3.5	3.7
1981	3.1	3.3	2.7	3.2	3.4	4.0	4.1	3.6	3.2	3.4	2.9	3.1	3.2
1982		2.5	2.9										

SIC 3715—TRUCK TRAILERS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	26.8	24.0	24.9	25.3	26.0	26.8	27.7	28.5	27.4	27.9	28.0	28.0	28.8
1978	30.3	29.3	29.9	30.2	31.1	32.0	33.1	33.7	33.1	33.4	34.0	34.0	34.3
1979	34.7	34.9	35.4	35.6	36.0	36.2	36.3	35.1	34.1	34.0	33.5	33.3	33.4
1980	27.1	31.6	30.7	30.4	30.7	27.4	26.2	24.5	25.4	24.5	23.4	24.8	25.1
1981	25.8	24.6	24.1	24.7	24.8	26.0	26.6	26.5	25.5	27.5	27.2	25.9	26.4
1982		26.3	26.1										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	20.4	18.5	19.4	19.5	20.0	20.8	21.8	21.9	20.8	21.1	21.4	21.7	21.7
1978	24.2	22.4	23.3	23.8	24.5	25.0	26.1	26.3	25.1	25.4	25.9	26.1	26.4
1979	27.1	27.4	28.1	28.3	28.7	28.9	28.7	27.7	26.7	26.5	26.1	25.9	26.0
1980	20.9	24.1	23.6	23.3	23.5	20.9	19.8	18.4	19.0	18.2	17.3	18.4	18.6
1981	19.1	18.2	17.8	18.2	18.3	19.2	19.6	19.5	18.7	20.2	19.9	18.9	19.3
1982		19.2	19.0										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	312.33	287.76	295.10	294.25	298.95	312.00	327.00	328.50	312.00	316.50	321.00	325.50	325.50
1978	363.00	336.00	349.50	357.00	367.50	375.00	391.50	394.50	376.50	381.00	388.50	391.50	396.00
1979	406.50	411.00	421.50	424.50	430.50	433.50	430.50	415.50	400.50	397.50	391.50	388.50	390.00
1980	313.50	361.50	354.00	349.50	352.50	313.50	297.00	276.00	285.00	273.00	259.50	276.00	279.00
1981	286.50	273.00	267.00	273.00	274.50	288.00	294.00	292.50	280.50	297.00	293.50	279.50	284.50
1982		288.00	285.00										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	15.30	15.00	15.30	15.10	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00
1978	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00
1979	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00
1980	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00
1981	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00
1982		15.00	15.00										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	40.8	38.4	40.1	40.1	39.9	40.0	40.0	40.0	39.6	40.0	40.0	40.0	40.0
1978	40.4	39.5	40.1	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
1979	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
1980	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
1981	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
1982		40.0	40.0										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	2.8	2.4	2.6	2.6	2.3	2.6	2.7	2.7	2.7	2.8	2.7	2.7	2.7
1978	2.7	2.0	2.7	2.5	2.6	2.5	2.7	2.7	2.7	2.7	2.7	2.7	2.7
1979	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
1980	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
1981	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
1982		2.7	2.7										

See footnotes at end of table.

SIC 372—AIRCRAFT AND PARTS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	561.7	564.1	562.9	574.8	586.3	585.9	590.6	593.4	586.4	595.2	562.1	559.6	578.7
1978	597.2	597.3	592.9	598.0	601.6	606.5	605.3	609.7	603.0	598.7	592.3	594.0	597.7
1979	610.6	609.5	607.1	613.4	599.4	602.4	608.2	612.9	613.1	624.1	630.1	638.9	642.9
1980	652.3	646.7	649.3	652.9	647.8	649.5	651.1	648.8	646.3	655.7	657.6	660.8	662.6
1981	658.9	661.6	656.8	656.7	658.1	652.0	651.1	647.3	642.5	647.3	640.1	637.4	640.2
1982		625.6	630.8										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	79.0	79.0	77.1	77.6	79.1	78.9	80.4	81.5	80.8	81.7	76.2	76.2	79.8
1978	81.5	82.1	81.4	84.3	88.7	88.5	91.3	93.1	93.9	96.5	98.9	101.2	101.6
1979	102.4	104.2	106.6	109.3	109.6	110.7	112.4	114.3	113.5	116.0	116.6	117.9	118.6
1980	119.1	119.3	118.6	119.6	119.8	118.2	118.2	120.6	116.9	118.9	119.6	120.3	120.5
1981	119.8	122.3	121.6	122.6	122.9	122.6	124.2	124.5	123.7	125.8	124.8	124.0	123.8
1982		123.4	122.5										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	246.8	250.2	249.5	260.4	261.7	260.7	263.1	263.6	260.9	267.8	230.9	229.1	243.0
1978	279.4	285.0	282.3	283.8	286.2	289.5	273.8	275.4	278.6	288.2	294.2	301.9	307.8
1979	310.1	313.3	314.7	322.9	329.4	328.7	330.8	331.6	329.6	335.4	343.3	350.5	354.2
1980	354.6	357.3	358.0	359.9	354.6	355.3	353.3	348.3	344.0	352.9	354.2	357.9	359.6
1981	344.5	354.6	355.4	352.1	350.3	348.0	344.7	339.4	337.0	344.3	337.8	334.9	331.9
1982		330.0	329.6										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	285.35	284.94	283.28	283.66	280.43	285.49	289.38	287.60	288.56	295.68	296.10	302.60	309.60
1978	318.19	322.07	329.80	329.10	320.17	307.33	311.64	313.08	317.18	325.46	329.45	335.91	346.62
1979	351.05	361.12	342.71	341.97	321.94	339.75	343.46	346.68	345.27	355.31	364.66	373.67	387.63
1980	389.75	371.36	375.04	376.00	373.09	380.38	383.22	383.05	392.29	394.90	400.32	416.63	429.84
1981	425.90	413.41	413.34	417.00	412.41	421.64	421.67	426.96	423.63	427.99	438.70	450.19	465.38
1982		440.99	454.02										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	6.92	6.95	6.74	6.77	6.79	6.83	6.89	6.93	6.97	7.04	7.05	7.12	7.20
1978	7.64	7.72	7.93	7.29	7.35	7.37	7.42	7.49	7.57	7.64	7.77	7.83	7.95
1979	8.26	7.97	7.97	7.99	7.91	8.07	8.12	8.22	8.26	8.38	8.56	8.69	8.85
1980	9.19	8.95	8.85	8.91	8.99	9.10	9.19	9.32	9.43	9.47	9.60	9.78	9.95
1981	10.11	9.89	9.96	10.00	10.01	10.16	10.21	10.27	10.46	10.49	10.70	10.77	10.95
1982		10.48	11.01										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	41.9	41.1	42.0	41.9	41.3	41.8	42.0	41.5	41.4	42.0	42.0	42.5	43.0
1978	42.0	41.7	40.6	42.4	42.2	41.7	42.0	41.8	41.9	42.6	42.4	42.9	43.6
1979	42.5	42.8	43.1	42.6	42.7	42.1	42.3	42.2	41.8	42.4	42.6	43.0	43.8
1980	43.0	43.2	42.8	42.2	41.5	41.8	41.7	41.1	41.6	41.7	41.7	42.6	43.2
1981	41.2	41.8	41.5	41.7	41.2	41.5	41.3	40.5	40.5	40.8	41.0	41.8	42.5
1982		41.1	41.6										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.5	2.2	2.9	2.9	2.6	3.2	3.4	3.3	3.5	3.8	4.0	4.4	4.6
1978	4.4	3.9	4.6	4.2	4.0	3.7	4.0	4.1	4.3	4.6	4.7	4.8	5.4
1979	4.7	4.4	4.9	4.8	3.2	4.4	4.5	4.7	4.4	4.8	4.8	5.1	5.5
1980	4.2	4.5	4.1	4.2	3.9	4.0	3.9	3.9	4.0	4.3	4.3	4.7	5.0
1981	3.5	3.7	3.7	3.7	3.3	3.5	3.5	3.3	3.4	3.3	3.4	3.5	4.1
1982		3.2	3.4										

See footnotes at end of table.

SIC 3721—AIRCRAFT

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	270.5	276.5	276.8	276.9	276.6	277.3	280.0	280.7	277.5	279.0	245.8	240.0	256.1
1978	288.3	273.6	266.6	269.6	270.9	283.1	288.1	290.9	294.7	298.4	302.5	308.7	311.9
1979	333.2	315.1	320.6	323.8	326.2	329.2	332.0	334.6	337.3	340.2	343.0	347.4	348.6
1980	349.3	350.0	351.2	353.1	347.8	346.9	345.8	345.9	348.3	348.9	350.4	351.7	351.7
1981	345.8	350.7	347.5	348.4	348.0	347.3	347.2	347.3	346.4	344.3	341.1	339.2	342.3
1982		339.6	336.9										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	45.6	46.0	45.9	46.0	46.5	46.2	47.2	47.8	47.3	47.3	41.6	40.9	43.9
1978	52.0	46.9	44.8	47.4	47.1	50.1	52.0	53.3	54.4	55.4	56.8	58.1	57.6
1979	63.7	59.7	60.8	61.6	62.4	63.1	63.5	64.9	65.7	65.4	65.5	65.8	65.8
1980	62.7	65.9	64.8	65.6	63.8	63.2	62.6	64.7	62.3	62.2	62.9	63.2	63.2
1981	67.6	64.5	64.7	65.6	66.2	66.9	67.7	68.6	69.8	69.7	69.3	69.4	69.1
1982		68.8	67.9										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	124.4	130.5	130.4	129.5	129.5	130.2	131.2	130.7	130.6	132.3	105.1	100.3	112.0
1978	133.9	122.8	116.6	118.7	119.6	131.0	133.5	135.3	136.7	142.5	145.8	149.9	152.3
1979	165.9	155.4	158.5	160.2	161.8	163.4	164.5	165.4	166.9	170.1	172.4	175.7	176.7
1980	173.7	177.8	177.6	178.2	173.4	172.7	170.0	168.4	170.3	172.5	173.5	174.8	175.2
1981	167.8	173.8	172.6	169.8	170.5	169.4	168.0	166.6	168.2	168.3	164.7	162.4	159.5
1982		158.7	156.8										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	296.23	284.83	289.80	290.37	287.16	293.15	296.52	296.36	298.16	301.26	300.00	305.11	311.58
1978	324.17	305.44	306.53	310.96	313.50	309.82	315.93	319.70	326.98	328.67	337.50	345.40	350.78
1979	359.55	351.05	352.67	349.80	334.15	349.44	351.53	356.59	356.59	360.81	375.28	383.02	387.82
1980	403.79	380.80	386.97	383.64	383.64	391.94	397.99	400.31	408.10	409.76	420.09	435.63	445.22
1981	443.56	429.73	430.76	433.89	430.76	437.60	437.78	435.34	434.22	446.49	458.97	469.83	480.53
1982		458.80	481.54										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	7.07	6.88	6.90	6.93	6.97	7.03	7.06	7.09	7.15	7.19	7.16	7.23	7.28
1978	7.70	7.36	7.44	7.44	7.50	7.52	7.54	7.63	7.73	7.77	7.96	8.07	8.12
1979	8.50	8.26	8.24	8.25	8.19	8.32	8.33	8.43	8.47	8.55	8.83	8.97	9.04
1980	9.66	9.11	9.17	9.20	9.38	9.49	9.59	9.74	9.81	9.85	10.05	10.25	10.33
1981	10.74	10.33	10.43	10.43	10.43	10.57	10.60	10.67	10.91	10.89	11.14	11.24	11.36
1982		11.47	11.52										

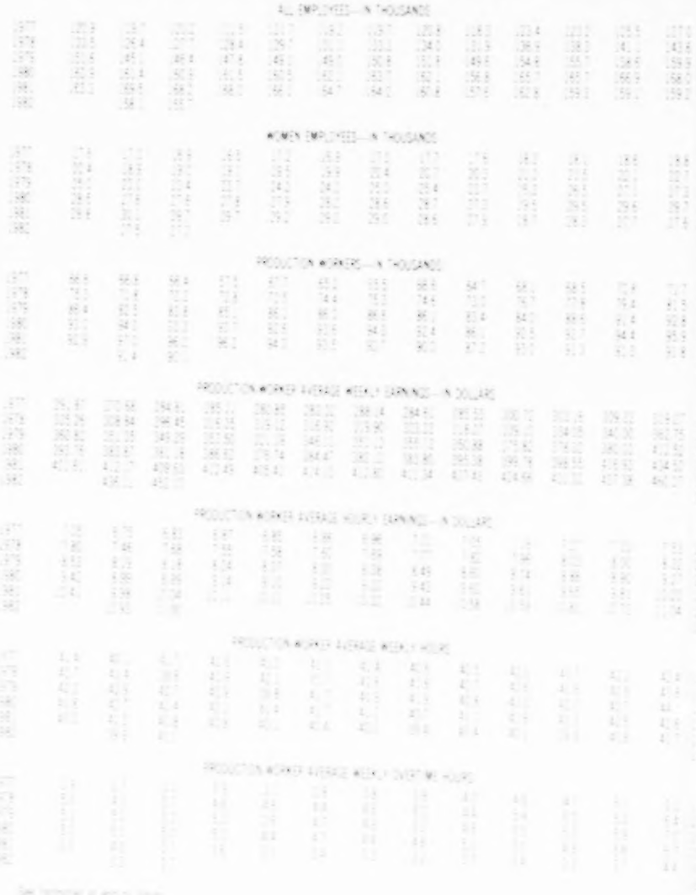
PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	41.9	41.4	42.0	41.9	41.2	41.7	42.0	41.8	41.7	41.9	41.9	42.2	42.8
1978	42.1	41.5	41.2	41.8	41.8	41.2	41.9	41.9	42.3	42.3	42.4	42.8	43.2
1979	42.3	42.5	42.8	42.4	40.8	42.0	42.2	42.3	42.1	42.2	42.5	42.7	42.9
1980	41.8	41.8	42.2	41.7	40.9	41.3	41.5	41.1	41.6	41.5	41.8	42.5	43.1
1981	41.3	41.6	41.3	41.6	41.3	41.4	41.3	40.8	39.8	41.0	41.2	41.8	42.3
1982		40.0	41.8										

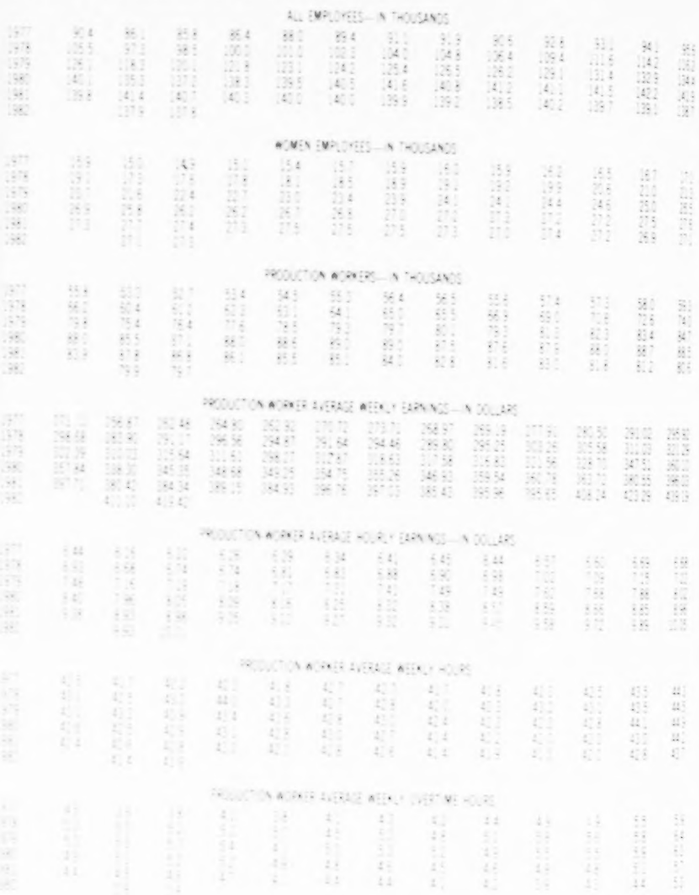
PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	2.8	2.6	2.4	2.4	2.3	2.5	2.8	2.7	2.9	3.0	3.1	3.4	3.7
1978	3.6	3.2	3.6	3.3	3.2	2.9	3.2	3.2	3.9	3.8	4.0	4.0	4.4
1979	4.1	4.3	4.3	4.3	3.0	4.0	4.0	4.2	4.1	4.2	4.3	4.3	4.4
1980	3.5	3.8	3.5	3.3	3.1	3.2	3.3	3.1	3.2	3.7	3.7	4.0	4.2
1981	3.1	3.2	3.2	3.2	2.9	3.1	3.2	2.9	3.1	2.9	2.9	3.0	3.4
1982		3.1	3.2										

SIC 3724—AIRCRAFT ENGINES AND ENGINE PARTS


ALL EMPLOYEES—IN THOUSANDS
WOMEN EMPLOYEES—IN THOUSANDS
PRODUCTION WORKERS—IN THOUSANDS
PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS
PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS
PRODUCTION WORKER AVERAGE WEEKLY HOURS
PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

SIC 3728—AIRCRAFT EQUIPMENT, NEC


ALL EMPLOYEES—IN THOUSANDS
WOMEN EMPLOYEES—IN THOUSANDS
PRODUCTION WORKERS—IN THOUSANDS
PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS
PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS
PRODUCTION WORKER AVERAGE WEEKLY HOURS
PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

SIC 373—SHIP AND BOAT BUILDING AND REPAIRING

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	222.5	224.1	224.9	225.8	223.8	224.2	224.5	224.8	224.7	218.6	219.0	229.1	230.3	231.4
1978	228.1	229.4	229.7	227.1	227.1	229.4	227.9	227.5	222.1	222.9	225.0	226.9	226.2	225.6
1979	226.4	225.2	222.3	223.1	222.5	222.5	227.6	227.4	225.0	225.6	226.7	230.2	231.0	226.9
1980	222.8	224.9	226.3	226.5	226.1	223.4	226.7	224.5	225.8	221.4	219.6	222.2	225.3	224.5
1981	224.6	225.2	224.5	224.3	222.3	220.1	222.1	220.6	226.5	230.1	231.2	223.4	223.6	224.5
1982		222.2	221.1											

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	22.4	22.1	22.5	22.5	22.2	22.5	22.8	23.2	23.5	23.2	23.1	23.7	23.6	23.1
1978	23.8	23.6	23.7	23.9	23.8	23.1	23.2	23.4	23.0	23.2	23.8	24.0	24.1	24.1
1979	24.1	24.1	24.0	24.2	24.4	24.1	24.6	24.7	24.1	23.8	25.4	25.0	24.3	23.9
1980	23.6	23.9	24.1	23.8	23.8	23.6	23.1	22.9	22.9	20.7	21.0	21.6	22.9	22.1
1981	22.4	22.1	22.1	22.3	22.6	22.9	24.0	24.9	25.5	26.0	25.8	25.0	24.7	24.7
1982		24.0	23.8											

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	80.4	79.1	81.4	81.2	80.5	80.6	82.1	175.3	175.3	163.1	165.5	166.6	167.1	167.3
1978	82.1	82.9	83.3	82.1	84.5	83.6	83.0	178.6	178.4	167.7	167.7	167.8	165.1	164.9
1979	82.1	80.9	79.1	79.2	77.3	82.7	82.9	181.4	180.5	163.5	165.6	165.9	167.2	164.0
1980	79.1	79.5	81.1	80.1	77.4	77.6	77.4	170.6	166.1	170.2	177.5	180.4	179.2	176.2
1981	77.1	75.5	75.1	74.4	74.1	74.7	73.9	173.7	174.7	176.7	176.1	173.1	170.3	169.5
1982		74.4	74.1											

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	213.45	208.54	204.00	204.63	196.41	212.05	230.62	240.98	243.32	244.29	245.00	247.31	249.46	242.65
1978	264.73	253.46	243.16	264.23	253.74	261.59	264.02	263.36	266.82	265.99	266.51	265.38	279.97	279.97
1979	344.31	327.05	319.03	317.11	342.07	344.49	273.67	273.25	293.27	288.32	301.79	305.52	314.16	303.97
1980	317.75	315.34	318.36	319.97	324.05	330.47	334.15	332.86	331.25	346.36	350.99	348.80	336.04	339.65
1981	347.87	350.47	347.26	345.67	356.82	359.86	353.20	354.39	364.33	363.60	361.20	367.46	392.19	343.97
1982		351.62	350.22											

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.46	5.42	5.38	5.43	5.33	5.38	5.44	5.47	5.45	5.49	5.49	5.50	5.51	5.45
1978	5.67	5.57	5.49	5.59	5.59	5.64	5.68	5.67	5.67	5.67	5.67	5.67	5.79	5.79
1979	7.26	6.94	6.91	6.91	6.94	6.96	6.97	7.13	7.09	7.21	7.35	7.45	7.47	7.41
1980	8.03	7.93	7.92	7.92	7.96	8.08	8.18	8.17	8.29	8.34	8.42	8.54	8.57	8.60
1981	9.05	8.93	8.91	8.91	8.86	8.81	8.82	8.83	8.94	9.09	9.09	9.11	9.46	9.41
1982		9.43	9.41											

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	39.0	38.1	38.1	38.1	39.2	39.8	39.5	39.6	39.0	38.5	39.7	39.5	39.4	39.2
1978	40.1	40.1	40.1	39.4	38.7	39.4	39.0	39.2	38.8	38.7	39.7	39.6	39.2	40.4
1979	39.3	39.1	39.2	39.2	39.2	37.6	39.9	38.6	37.9	39.9	38.7	40.4	40.2	40.6
1980	40.1	39.5	40.6	40.4	41.7	40.6	40.4	40.9	40.2	40.2	41.1	41.1	40.7	41.4
1981	40.6	40.6	39.8	39.8	41.0	40.5	40.8	40.0	40.2	40.3	40.0	41.5	41.0	41.5
1982		39.4	39.6											

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.0	2.9	3.2	3.2	2.6	3.4	3.3	3.1	2.9	2.8	3.0	3.1	2.7	2.9
1978	3.7	3.7	3.3	3.4	2.5	2.9	2.8	2.7	2.9	2.5	2.5	2.8	2.6	3.1
1979	3.2	3.1	3.1	3.6	3.7	2.1	3.0	2.9	3.2	3.4	3.7	3.8	3.2	3.7
1980	3.6	3.7	3.5	3.5	3.3	3.5	3.4	3.5	3.6	3.3	4.0	4.0	3.7	3.9
1981	3.4	3.9	3.7	4.0	3.5	3.6	3.3	3.6	3.8	3.9	3.4	3.8	3.1	3.1
1982		3.1	2.3											

See footnotes at end of tables

SIC 3731—SHIP BUILDING AND REPAIRING

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	174.1	170.9	167.9	173.8	173.5	173.8	173.7	175.4	170.3	169.5	179.1	180.0	180.8
1978	172.0	174.7	174.4	173.1	174.2	171.7	171.7	168.5	168.2	170.7	171.7	170.8	174.0
1979	173.3	169.4	165.1	164.9	164.0	171.8	174.1	173.6	176.7	176.7	179.9	181.9	179.5
1980	178.0	177.0	178.2	178.4	178.2	176.2	175.4	177.1	172.3	175.5	181.3	183.3	182.9
1981	183.9	184.6	186.5	184.1	187.4	185.9	185.2	182.6	185.5	186.6	179.8	182.8	182.3
1982		177.4	175.7										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	14.6	13.2	13.4	13.8	14.2	14.3	15.0	15.4	15.1	14.8	15.5	15.4	15.1
1978	14.6	14.1	14.7	14.6	14.6	14.6	14.8	14.6	14.6	15.0	15.0	15.2	15.3
1979	15.0	15.1	14.5	14.7	14.6	15.7	16.5	16.2	16.3	17.5	17.1	17.0	16.7
1980	16.2	16.1	16.9	16.1	16.2	15.9	16.0	16.2	15.6	15.4	16.1	16.3	16.5
1981	16.1	16.8	17.2	17.6	17.6	17.7	18.6	19.2	19.7	19.4	18.7	18.7	18.3
1982		17.9	17.4										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	139.5	136.6	135.7	140.2	139.2	139.4	138.6	140.3	135.8	134.9	142.2	144.3	145.3
1978	137.3	139.6	139.1	137.9	138.9	137.2	137.3	135.0	134.6	136.3	137.2	136.1	138.9
1979	137.9	134.9	129.9	130.2	129.3	136.8	139.5	139.4	140.9	142.3	144.0	145.2	142.0
1980	140.7	139.9	141.4	141.6	141.3	139.6	138.7	139.5	134.6	137.3	143.5	145.5	144.6
1981	141.4	140.1	142.7	144.1	147.7	145.7	140.6	136.1	137.4	139.4	133.6	137.6	137.4
1982		132.6	130.5										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	250.19	237.31	240.46	242.65	250.00	249.68	252.57	246.09	245.36	254.67	257.15	257.68	256.36
1978	311.50	249.08	256.28	263.81	268.13	266.56	269.40	267.60	270.97	283.06	283.93	282.30	300.37
1979	392.95	294.71	297.75	299.23	304.31	287.96	286.90	309.14	302.61	319.09	321.98	330.67
1980	349.75	339.78	339.61	339.65	343.97	345.98	346.88	347.44	344.97	360.09	365.86	364.83	370.53
1981	361.59	367.77	360.36	383.46	372.60	373.01	366.68	375.67	393.66	381.35	409.76	407.06	409.01
1982		350.35	351.45										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	6.35	6.18	6.21	6.19	6.25	6.31	6.33	6.31	6.34	6.42	6.51	6.54	6.60
1978	6.98	6.66	6.79	6.67	6.84	6.87	6.89	6.92	7.02	7.13	7.17	7.22	7.38
1979	7.67	7.41	7.58	7.50	7.47	7.57	7.66	7.66	7.64	7.95	8.07		
1980	8.56	8.11	8.21	8.35	8.41	8.48	8.44	8.60	8.56	8.74	8.88	8.92	8.95
1981	9.40	8.97	9.10	9.24	9.20	9.21	9.19	9.35	9.52	9.51	9.76	9.88	9.88
1982		10.01	9.91										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	39.4	39.8	40.0	39.2	40.0	39.6	39.9	39.0	38.7	39.7	39.5	39.4	39.1
1978	39.9	37.8	37.8	38.5	39.2	38.8	39.1	38.7	38.6	39.7	39.6	39.1	40.7
1979	39.5	39.6	39.4	39.7	37.5	40.2	38.6	37.9	40.2	38.5	40.7	40.5	41.0
1980	41.8	39.6	41.0	40.7	40.9	40.8	41.1	40.4	40.3	41.0	41.2	41.9	41.4
1981	40.7	41.0	39.6	41.5	40.5	40.5	39.9	40.2	40.3	40.1	41.9	41.2	41.4
1982		35.0	36.5										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.2	3.0	3.5	3.0	3.6	3.4	3.4	3.1	2.9	3.1	3.3	2.8	3.1
1978	2.7	2.2	2.4	2.3	2.9	2.7	2.7	2.9	2.6	2.9	2.6	2.7	3.2
1979	3.3	2.9	2.6	2.7	2.2	3.2	3.1	3.4	3.7	4.0	4.1	3.4	3.9
1980	3.7	3.9	3.5	3.4	3.6	3.5	3.5	3.8	3.2	4.0	4.0	3.9	4.0
1981	3.6	4.1	3.7	4.0	3.6	3.4	3.2	3.6	3.9	3.9	3.4	3.4	3.1
1982		2.1	2.2										

SIC 3732—BOAT BUILDING AND REPAIRING

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	49.8	48.1	48.9	50.0	50.6	50.7	50.7	49.2	48.5	49.5	50.0	50.1	50.6
1978	54.3	50.9	52.3	54.0	55.2	56.1	55.8	53.6	53.7	54.3	55.2	56.4	55.6
1979	53.1	55.9	57.4	58.2	58.5	55.8	53.1	51.4	49.3	50.0	50.0	49.1	48.4
1980	42.5	47.9	48.1	47.3	44.2	40.5	39.1	38.7	39.0	40.1	40.9	42.0	42.0
1981	43.7	40.6	42.0	43.2	44.1	45.2	45.6	44.9	44.6	44.4	44.0	42.4	42.2
1982		40.8	41.4										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	41.0	39.6	40.4	41.6	42.0	42.1	42.0	40.8	39.9	40.3	40.9	41.2	41.5
1978	44.7	41.8	42.8	44.4	45.6	46.4	45.7	43.6	43.6	44.4	45.5	45.7	46.2
1979	43.7	46.0	47.6	48.0	46.4	45.9	43.4	41.0	39.6	41.2	41.6	40.7	40.1
1980	34.8	39.6	39.6	38.5	36.1	33.0	31.7	31.1	31.7	32.9	33.6	34.9	34.7
1981	36.4	33.5	34.9	36.1	36.8	38.0	38.2	37.6	37.3	37.1	36.9	35.5	34.9
1982		33.5	34.1										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	166.90	176.02	177.70	179.40	182.28	184.55	184.78	184.00	183.26	184.04	185.11	188.25	191.35
1978	207.37	190.01	196.97	205.37	209.08	206.85	208.30	207.48	207.58	212.65	210.51	213.01	214.74
1979	230.10	215.51	216.12	222.29	212.61	225.62	227.15	224.85	237.51	240.56	244.11	244.61	253.37
1980	271.32	246.52	256.80	263.80	264.77	265.69	277.31	268.22	274.00	284.62	294.43	282.85	295.16
1981	301.32	285.73	291.51	293.64	292.01	307.75	302.25	299.43	301.90	296.25	304.36	318.15	324.43
1982		283.39	311.18										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.78	4.56	4.58	4.60	4.65	4.72	4.75	4.73	4.81	4.90	4.94	5.02	5.06
1978	5.29	5.04	5.13	5.16	5.24	5.25	5.26	5.33	5.35	5.37	5.34	5.41	5.54
1979	5.90	5.54	5.57	5.56	5.63	5.80	5.90	5.98	6.09	6.09	6.14	6.31	6.35
1980	6.80	6.37	6.42	6.50	6.72	6.83	6.95	6.76	6.85	7.05	7.07	7.08	7.13
1981	7.44	7.09	7.18	7.24	7.21	7.38	7.50	7.44	7.51	7.50	7.56	7.62	7.78
1982		7.68	7.76										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	39.1	38.6	38.8	39.0	39.2	39.1	38.9	38.9	38.1	39.5	39.5	39.5	39.8
1978	39.2	37.7	38.2	39.8	39.9	39.4	39.6	39.0	38.8	39.6	39.5	39.1	39.4
1979	39.0	38.9	38.8	39.6	37.8	38.9	38.5	37.6	39.0	39.5	39.5	39.4	39.8
1980	39.9	38.7	40.0	40.6	39.4	38.9	39.9	39.5	40.0	40.4	40.4	39.9	41.4
1981	40.5	40.3	40.6	40.6	40.5	41.7	40.2	40.3	40.2	39.5	40.1	40.3	41.7
1982		36.9	40.1										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	2.5	2.1	2.5	2.4	2.6	2.8	2.4	2.3	2.2	2.8	2.6	2.5	2.4
1978	2.7	2.3	2.3	2.9	3.0	2.8	2.5	2.9	2.4	3.0	2.9	2.4	2.8
1979	2.5	2.9	2.6	2.7	1.9	2.6	2.3	2.2	2.5	2.6	2.7	2.5	2.6
1980	3.3	3.0	3.1	3.1	3.1	2.9	3.3	3.3	3.4	3.6	3.7	3.5	3.6
1981	3.5	3.2	3.5	3.6	3.1	4.3	3.6	3.7	3.7	3.7	3.7	3.3	3.7
1982		1.8	2.8										

SIC 374—RAILROAD EQUIPMENT

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	56.0	52.8	52.9	54.0	54.5	56.5	58.0	59.6	60.1	62.0	63.4	63.9	64.6
1978	63.9	55.1	55.7	56.7	62.9	63.6	65.5	64.5	65.5	67.0	68.6	70.5	71.3
1979	74.3	71.8	71.6	72.6	73.0	73.2	73.6	74.4	74.4	75.6	76.8	77.0	77.4
1980	70.8	76.8	75.8	75.4	75.3	75.1	73.4	69.4	68.9	68.4	65.0	63.2	63.0
1981	54.6	62.2	61.1	58.0	57.0	56.3	55.3	53.0	52.1	53.9	50.6	48.9	46.6
1982		44.2	42.7										

See footnotes at end of tables.

SIC 374—RAILROAD EQUIPMENT (Con.)

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.9	4.5	4.5	4.7	4.8	5.0	5.1	5.2	5.2	5.3	5.5	5.6	5.7
1978	5.7	5.0	5.1	5.2	5.5	5.7	5.8	5.7	5.8	5.9	6.0	6.1	6.1
1979	6.6	6.7	6.8	6.8	6.5	6.5	6.6	6.6	6.7	6.8	6.9	6.9	6.9
1980	6.9	7.1	7.1	7.1	7.2	7.2	7.1	6.9	6.7	6.7	6.7	6.7	6.6
1981	5.8	6.3	6.2	6.0	6.0	6.0	5.9	5.9	5.7	5.6	5.5	5.4	5.2
1982		6.0	4.7										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	41.3	39.3	39.9	39.8	40.1	41.8	42.9	44.3	44.4	46.1	46.1	46.1	46.3
1978	46.0	40.0	40.6	41.1	47.0	47.6	49.1	48.2	49.1	51.1	51.4	51.1	51.6
1979	57.3	55.5	55.0	56.1	56.2	56.3	56.4	57.0	57.1	57.4	58.4	59.1	59.3
1980	53.3	59.9	58.4	57.9	57.6	57.7	55.7	51.4	51.1	50.6	47.1	45.9	45.9
1981	37.4	45.3	44.1	41.0	39.7	38.6	37.6	35.0	34.6	36.8	34.1	32.2	30.4
1982		26.5	27.4										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	290.17	266.88	263.85	264.41	266.26	264.89	292.41	291.53	295.14	295.25	302.39	304.37	324.98
1978	300.06	304.11	306.00	312.38	308.43	310.80	317.28	314.02	306.75	311.66	309.21	318.38	319.28
1979	372.94	349.32	356.04	361.47	351.20	359.96	365.03	381.55	375.58	383.05	390.82	398.45	396.61
1980	395.26	374.14	375.54	376.89	374.46	376.74	382.79	387.83	393.11	405.97	403.45	404.62	419.69
1981	419.51	396.24	399.14	409.73	411.09	421.44	419.82	426.73	431.04	427.69	436.21	435.27	424.42
1982		413.28	428.16										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	7.03	6.95	6.95	7.07	7.06	7.13	7.22	7.27	7.36	7.29	7.50	7.49	7.73
1978	6.70	7.02	7.00	7.09	7.03	7.06	7.09	7.07	7.03	7.04	7.09	7.10	7.13
1979	6.93	6.92	6.90	6.71	6.76	6.91	6.86	9.02	9.05	9.32	8.94	9.43	9.58
1980	9.93	9.50	9.58	9.59	9.63	9.76	9.64	9.97	10.04	10.33	10.96	10.77	10.88
1981	10.84	10.84	10.99	10.67	10.65	10.72	10.82	10.97	10.94	11.06	11.15	11.05	11.16
1982		11.06	11.15										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	39.8	39.4	39.1	40.1	38.0	39.9	40.5	40.1	40.1	40.5	40.1	40.4	40.1
1978	39.9	39.4	40.0	40.1	39.9	40.0	40.2	39.4	38.2	40.0	39.1	39.8	40.1
1979	41.3	41.0	41.4	41.5	40.0	40.4	41.3	42.3	41.5	41.1	41.9	42.6	41.5
1980	39.2	39.3	39.2	39.1	39.1	39.6	38.9	38.9	39.0	39.3	39.7	39.5	40.2
1981	38.7	38.0	37.9	39.4	38.6	39.5	38.8	38.9	39.4	38.6	39.4	39.4	38.4
1982		37.1	38.4										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.6	3.6	3.6	3.6	3.3	3.7	3.2	2.9	3.2	3.1	3.2	3.5	3.7	4.4
1978	3.5	3.5	3.4	3.5	3.3	3.9	3.2	3.2	3.5	3.1	4.0	3.4	3.6	4.1
1979	4.4	4.4	4.7	4.5	4.0	4.1	4.2	5.0	5.1	4.7	4.3	4.7	4.5	4.1
1980	3.8	3.5	3.2	3.2	3.2	3.2	2.2	2.3	3.0	2.6	2.9	2.5	2.8	2.9
1981	2.2	1.1	1.8	2.2	2.2	2.1	2.4	2.2	2.3	2.3	2.3	2.3	2.1	2.1
1982		1.3	2.2										

SIC 376—GUIDED MISSILES, SPACE VEHICLES, PARTS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	83.4	82.2	81.1	79.8	81.0	81.6	83.7	84.5	85.5	86.6	87.9	88.1	89.4
1978	93.4	90.3	91.3	92.2	92.1	92.1	92.8	93.9	94.5	94.8	94.9	95.1	96.2
1979	101.5	97.4	99.7	99.9	99.7	100.2	101.2	101.5	102.6	102.7	103.2	103.5	105.2
1980	111.3	105.2	106.4	107.3	108.2	109.1	110.5	112.2	113.5	113.8	115.1	116.1	117.5
1981	121.7	118.2	118.1	118.7	119.3	120.0	121.7	122.9	123.7	123.9	124.5	124.5	124.8
1982		124.6	124.6										

SIC 376—GUIDED MISSILES, SPACE VEHICLES, PARTS (Con.)

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	15.6	15.1	14.9	14.6	15.1	15.2	15.7	15.9	16.1	16.1	15.5	15.8	16.7
1978	18.1	17.0	17.4	17.8	17.8	17.9	18.1	18.4	18.6	18.7	18.5	19.4	19.7
1979	21.3	19.8	20.5	20.8	20.8	21.0	21.2	21.5	21.7	21.6	21.8	22.1	22.5
1980	24.8	22.7	23.1	23.3	23.7	23.9	24.3	24.7	24.9	25.0	25.2	25.6	26.0
1981	27.5	26.1	26.8	26.3	26.9	27.1	27.3	27.9	28.1	28.2	28.3	28.4	26.8
1982		28.9	28.8										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	26.4	25.8	25.9	25.2	25.7	26.4	26.6	26.6	26.8	27.0	25.3	26.0	28.6
1978	29.0	28.9	29.2	29.5	29.1	28.6	28.9	28.7	29.0	29.2	28.5	28.8	29.6
1979	32.5	30.3	31.6	31.6	31.7	32.2	32.7	32.9	32.9	33.1	33.4	33.5	33.8
1980	35.0	33.6	34.4	34.7	35.0	35.2	35.2	34.8	35.1	35.0	35.2	35.6	35.9
1981	36.5	36.2	36.2	36.1	36.0	35.9	36.2	36.3	36.4	36.7	37.0	37.4	38.2
1982		37.9	37.9										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	267.66	262.26	264.95	291.04	285.19	288.40	287.73	282.40	284.01	295.82	282.40	286.13	306.08
1978	306.79	300.77	305.40	309.96	306.08	307.23	312.60	308.84	316.83	326.47	335.23	346.37	354.02
1979	349.50	346.00	345.77	339.52	325.13	334.49	336.17	337.84	344.03	356.12	351.44	362.50	372.38
1980	378.02	364.42	369.98	369.96	365.44	366.53	371.13	363.40	375.32	385.43	381.24	402.97	414.67
1981	410.45	400.00	399.91	398.29	393.38	401.88	413.25	406.00	408.22	402.38	418.37	434.89	447.53
1982		427.19	429.79										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	7.04	6.88	6.95	7.03	6.99	7.00	6.95	6.99	7.03	7.18	6.99	7.10	7.34
1978	7.56	7.39	7.45	7.38	7.34	7.35	7.39	7.46	7.49	7.61	7.76	7.89	7.92
1979	8.25	8.00	8.06	7.97	7.93	8.06	8.12	8.22	8.27	8.54	8.53	8.59	8.66
1980	9.03	8.76	8.83	8.88	8.88	9.05	9.03	9.20	9.29	9.47	9.46	9.71	9.78
1981	10.09	9.78	9.85	9.81	9.81	9.85	9.91	10.00	10.03	10.11	10.33	10.53	10.58
1982		10.60	10.56										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	40.9	41.0	41.0	41.4	40.8	41.2	41.4	40.4	40.4	41.2	40.4	40.3	41.7
1978	41.9	40.7	36.0	42.0	41.7	41.8	42.3	41.4	42.3	42.9	43.2	43.9	44.7
1979	42.0	43.5	42.9	42.6	41.0	41.5	41.4	41.1	41.6	41.7	41.2	42.2	43.0
1980	43.0	41.6	41.9	41.2	40.7	40.5	41.1	39.5	40.4	40.7	40.3	41.5	42.4
1981	40.9	40.8	40.6	40.6	40.1	40.8	41.7	40.6	40.7	39.8	40.5	41.3	42.3
1982		41.3	40.7										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.2	3.1	2.9	3.2	2.8	3.1	3.1	3.2	3.2	3.6	3.3	3.2	3.3
1978	4.1	3.4	3.4	3.3	3.2	3.1	3.6	3.8	4.2	4.5	5.2	5.5	5.7
1979	4.4	5.0	5.3	4.5	3.4	4.0	4.3	4.3	4.4	5.0	4.3	4.2	4.4
1980	3.6	3.6	4.2	4.1	3.5	3.3	3.4	3.0	3.4	3.6	3.3	3.8	4.0
1981	3.2	3.5	3.3	3.2	2.9	3.2	3.2	3.5	3.4	2.6	3.0	3.2	3.6
1982		3.0	2.7										

SIC 3761—GUIDED MISSILES AND SPACE VEHICLES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	65.5	64.9	63.5	61.8	63.0	63.5	65.3	66.2	67.6	68.7	64.0	66.3	71.3
1978	74.6	72.2	72.9	73.8	73.6	73.5	74.1	75.1	75.6	75.8	75.8	75.6	76.7
1979	80.8	77.8	80.0	79.9	79.3	79.6	80.4	81.0	81.5	81.5	82.1	82.9	83.7
1980	87.8	83.5	84.6	85.2	85.6	86.2	87.0	88.7	89.5	89.5	90.4	91.1	92.1
1981	95.3	92.3	92.1	92.6	93.0	93.7	95.3	96.4	97.1	97.1	97.6	97.8	98.8
1982		98.7	98.8										

SIC 3761—GUIDED MISSILES AND SPACE VEHICLES (Con.)

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	13.0	12.7	12.4	12.1	12.5	12.6	13.1	13.2	13.4	13.5	12.8	13.1	14.0
1978	15.2	14.1	14.4	14.8	14.8	14.9	15.0	15.3	15.5	15.5	15.3	15.2	16.4
1979	17.7	16.5	17.2	17.4	17.3	17.5	17.6	17.9	18.1	18.0	18.2	18.4	18.8
1980	20.1	18.9	19.2	19.4	19.6	19.8	20.0	20.4	20.5	20.5	20.6	20.9	21.3
1981	22.4	21.3	21.5	21.3	21.8	22.0	22.2	22.7	22.9	23.0	23.1	23.1	23.6
1982		23.6	23.5										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	18.8	19.4	18.4	17.6	18.1	18.7	18.7	18.8	19.3	19.5	17.8	18.5	20.8
1978	21.0	21.0	21.1	21.4	21.0	20.6	20.9	20.7	21.1	21.2	20.6	20.7	21.4
1979	23.8	22.1	23.5	23.2	23.1	23.4	23.9	24.0	24.1	24.2	24.5	24.7	25.0
1980	25.9	24.8	25.5	25.9	26.0	26.2	26.1	26.0	26.1	25.9	25.9	26.2	26.5
1981	26.7	26.5	26.6	26.4	26.3	26.2	26.5	26.7	26.7	26.8	26.9	27.3	27.8
1982		27.7	27.8										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	289.58	285.42	286.03	292.03	287.55	288.26	289.34	281.39	285.60	297.43	282.30	284.01	309.67
1978	315.75	302.25	269.73	315.42	308.10	308.84	313.92	304.36	312.07	322.82	331.55	345.56	356.53
1979	347.77	349.32	347.75	335.96	322.81	330.08	334.56	336.56	346.10	360.26	354.22	370.58	382.37
1980	383.46	372.44	377.94	370.46	368.83	371.59	374.10	366.43	380.42	389.91	386.59	411.27	426.00
1981	419.80	404.78	406.62	403.61	401.00	408.44	422.69	415.67	416.07	412.09	430.54	447.84	463.01
1982		439.15	438.34										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	7.15	7.03	7.08	7.14	7.10	7.10	7.04	7.07	7.14	7.29	7.04	7.19	7.48
1978	7.72	7.50	7.91	7.51	7.46	7.46	7.51	7.59	7.63	7.76	7.97	8.15	8.14
1979	8.38	8.20	8.26	8.10	8.05	8.15	8.16	8.31	8.36	8.66	8.65	8.74	8.77
1980	9.33	8.91	9.02	9.08	9.04	9.13	9.08	9.23	9.37	9.58	9.59	9.91	10.00
1981	10.34	9.97	10.04	10.04	10.05	10.11	10.21	10.34	10.35	10.38	10.71	10.87	10.92
1982		10.87	10.85										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	40.5	40.6	40.4	40.9	40.5	40.6	41.1	39.8	40.0	40.8	40.1	39.5	41.4
1978	40.9	40.3	34.1	42.0	41.3	41.4	41.8	40.1	40.9	41.6	41.6	42.4	43.8
1979	41.5	42.6	42.1	41.6	40.1	40.5	41.0	40.5	41.4	41.6	41.9	42.4	43.6
1980	41.1	41.8	41.9	40.8	40.8	40.7	41.2	39.7	40.6	40.7	40.2	41.5	42.8
1981	40.6	40.6	40.5	40.2	39.9	40.4	41.4	40.2	40.2	39.7	40.2	41.2	42.4
1982		40.4	40.4										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	2.8	2.9	2.4	2.7	2.3	2.5	2.7	2.8	3.1	3.3	3.1	3.0	3.0
1978	3.4	3.1	3.3	3.1	2.6	2.6	3.0	2.8	3.4	3.6	4.0	4.4	5.1
1979	3.8	4.4	4.7	3.6	2.6	3.1	3.6	3.7	3.9	4.4	3.5	3.7	3.9
1980	3.2	3.3	3.8	3.4	3.0	2.9	2.9	2.8	3.3	3.3	3.0	3.5	3.7
1981	2.9	2.9	2.8	2.7	2.6	2.8	2.8	3.5	3.1	2.4	2.8	2.9	3.2
1982		2.6	2.4										

SIC 379—MISCELLANEOUS TRANSPORTATION EQUIPMENT

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	61.6	60.3	61.5	64.8	66.7	62.7	62.0	59.1	57.7	61.5	61.8	60.9	60.5
1978	68.5	60.5	61.9	65.1	68.0	70.4	72.4	70.3	71.1	70.9	70.6	70.1	70.3
1979	54.3	70.9	70.7	67.8	61.9	54.6	49.1	46.3	46.6	46.4	47.0	45.8	44.5
1980	38.1	42.4	42.2	41.0	35.6	33.0	33.7	35.0	36.8	38.2	39.9	40.6	38.4
1981	38.2	37.9	37.5	38.3	38.0	38.7	38.8	38.0	38.1	38.9	38.0	38.0	37.8
1982		38.6	38.9										

See footnotes at end of tables

SIC 379—MISCELLANEOUS TRANSPORTATION EQUIPMENT (Con.)

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	12.4	11.6	12.2	12.9	13.5	12.7	12.5	11.5	11.8	12.7	12.9	12.2	12.4
1978	14.2	12.7	13.3	14.1	13.9	14.5	14.9	14.1	14.5	14.6	14.8	14.5	14.6
1979	10.6	14.0	13.6	13.8	13.2	10.7	9.2	8.9	9.0	9.0	9.0	8.8	8.6
1980	7.9	8.7	8.6	8.4	7.8	8.6	7.0	7.6	8.0	8.2	8.7	8.5	7.1
1981	7.3	8.7	8.6	8.8	7.2	7.6	7.6	7.5	7.4	7.5	7.6	7.3	7.1
1982		7.3	7.2										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	46.7	45.4	47.3	50.2	51.5	47.5	46.4	43.5	42.0	46.7	46.9	46.5	46.0
1978	53.0	45.8	47.6	50.6	53.2	55.1	56.5	54.4	55.2	54.6	54.2	54.0	54.4
1979	39.4	54.2	53.4	51.9	46.1	39.6	34.6	32.5	33.0	33.8	33.6	33.0	31.6
1980	25.1	29.6	29.4	28.3	27.9	25.6	23.0	22.3	23.1	24.4	25.4	25.4	25.4
1981	24.4	25.4	24.7	25.2	24.1	23.6	23.6	23.4	24.0	24.5	24.4	24.7	24.9
1982		25.4	25.6										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	202.93	191.99	190.12	194.54	195.71	194.00	200.19	196.46	205.41	211.40	216.48	214.97	210.99
1978	218.60	199.97	204.41	211.77	217.17	220.49	219.30	217.17	220.73	224.70	222.72	223.74	233.11
1979	242.19	220.00	216.66	222.53	230.00	246.36	247.15	246.39	263.46	265.48	257.92	267.81	268.32
1980	279.10	253.70	263.25	266.17	276.66	283.60	284.19	287.66	279.17	287.14	285.32	292.23	295.25
1981	307.13	286.00	273.60	297.52	295.02	302.74	299.25	300.93	311.52	310.47	314.41	310.05	365.06
1982		334.93	351.33										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.19	4.87	4.93	4.99	5.01	5.04	5.16	5.22	5.28	5.36	5.45	5.52	5.45
1978	5.57	5.43	5.52	5.47	5.54	5.55	5.51	5.54	5.56	5.66	5.61	5.65	5.73
1979	6.34	5.82	5.78	5.95	6.25	6.57	6.47	6.45	6.62	6.73	6.63	6.78	6.88
1980	7.12	6.62	6.62	6.66	7.30	7.41	7.42	7.41	7.14	7.13	7.08	7.16	7.20
1981	7.64	7.15	7.20	7.31	7.09	7.42	7.50	7.54	7.73	7.84	8.03	8.26	8.47
1982		8.61	8.59										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	39.1	37.6	38.8	39.3	39.4	38.9	39.2	38.2	39.7	40.0	40.1	39.4	39.1
1978	39.3	37.2	38.2	39.1	39.2	39.8	39.6	39.2	39.7	39.1	39.0	39.5	40.4
1979	38.2	37.8	37.8	37.4	36.8	37.5	38.2	38.2	39.7	39.1	39.0	39.5	39.0
1980	39.2	37.2	38.6	38.8	38.2	38.3	38.6	38.6	39.1	40.1	40.3	40.6	41.0
1981	40.2	40.0	38.0	40.7	40.2	40.8	39.9	39.7	40.3	39.4	40.4	40.2	43.1
1982		38.9	40.3										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	2.4	2.4	2.3	2.9	2.9	2.1	2.0	2.4	2.3	2.6	2.4	2.3	2.1
1978	2.4	1.8	2.5	2.9	2.6	2.6	2.6	2.3	2.6	2.9	2.3	2.2	1.9
1979	1.4	1.5	1.6	1.4	1.1	1.2	1.3	1.1	1.5	1.6	1.6	1.7	1.9
1980	1.9	1.5	1.7	1.7	1.2	1.6	1.2	1.2	1.5	2.0	1.5	1.7	1.7
1981	2.2	2.1	1.7	2.2	2.2	2.7	1.8	1.9	2.2	1.5	2.3	2.1	2.6
1982		3.1	3.3										

SIC 3792—TRAVEL TRAILERS AND CAMPERS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	42.1	42.3	43.8	45.7	46.7	42.5	41.5	39.9	37.5	41.5	41.7	41.1	41.0
1978	46.7	40.9	42.0	44.2	46.3	48.5	50.1	48.9	49.0	48.6	47.9	47.2	47.1
1979	32.2	48.6	48.9	45.3	39.3	32.8	27.3	25.1	24.5	24.1	24.7	23.4	21.9
1980	15.7	19.8	19.5	18.5	13.6	11.8	12.1	12.9	14.5	15.6	16.7	17.0	16.5
1981	17.2	16.4	16.2	16.8	17.6	18.1	18.1	17.9	17.7	17.7	17.2	16.4	16.0
1982		16.5	16.9										

See footnotes at end of tables.

SIC 3792—TRAVEL TRAILERS AND CAMPERS (Con.)

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	33.3	33.6	35.5	37.3	37.8	33.6	32.2	30.5	27.9	32.8	32.9	32.1	32.2
1978	37.6	32.3	33.3	35.0	37.6	39.3	40.7	39.5	39.6	39.1	38.2	37.9	38.1
1979	24.6	36.7	36.6	36.1	30.7	25.0	20.2	18.5	18.0	18.1	18.5	17.9	16.7
1980	11.7	15.5	14.9	14.1	9.3	8.0	8.3	9.4	10.6	11.7	12.9	13.1	12.5
1981	13.0	12.5	12.5	13.1	13.8	14.2	14.1	13.8	13.7	13.7	13.3	12.6	12.3
1982		12.5	12.8										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	180.39	184.79	174.86	174.23	179.60	171.61	181.41	169.73	185.55	191.00	197.90	188.86	181.79
1978	192.00	174.21	185.63	182.77	193.39	194.27	196.21	195.33	195.30	195.33	196.72	192.17	192.63
1979	202.36	190.05	191.63	193.64	191.70	206.97	207.32	199.82	216.34	224.63	219.58	226.07	223.48
1980	222.03	199.63	215.06	217.86	207.33	219.56	217.33	223.61	220.62	233.31	231.34	226.76	229.39
1981	256.23	236.26	223.46	254.87	253.33	266.23	256.23	264.32	268.52	253.50	279.46	262.46	274.91
1982		264.93	261.51										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.71	4.89	4.67	4.67	4.60	4.54	4.71	4.65	4.77	4.86	5.01	4.87	4.81
1978	5.04	4.85	4.85	4.90	5.01	5.11	5.07	5.10	5.06	5.10	5.03	5.07	5.11
1979	5.59	5.25	5.25	5.47	5.51	5.61	5.68	5.57	5.62	5.62	5.64	5.61	5.61
1980	5.96	5.62	5.58	5.62	6.22	6.15	5.97	6.06	5.92	6.08	5.97	5.91	6.03
1981	6.76	6.02	6.06	6.42	6.48	6.74	6.69	6.76	6.85	6.87	7.23	7.22	7.17
1982		7.48	7.25										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	36.3	36.7	38.2	39.0	38.7	37.8	38.6	36.5	38.9	39.3	38.1	37.9	37.7
1978	38.1	35.9	37.7	37.3	38.6	38.8	38.7	38.3	38.9	38.3	38.9	38.1	37.9
1979	36.2	36.2	36.5	35.4	34.7	33.5	36.5	36.2	37.2	37.1	37.6	37.7	37.1
1980	37.1	34.3	37.5	36.8	35.8	35.7	36.4	36.9	37.3	38.5	38.7	38.2	38.0
1981	38.2	38.0	35.7	39.7	39.1	39.5	38.3	39.1	39.2	38.9	38.7	38.5	37.3
1982		35.5	38.3										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	2.3	2.3	2.3	2.9	2.6	1.8	1.9	2.0	2.5	2.5	2.3	2.0	2.1
1978	2.4	1.7	2.3	1.8	2.9	3.0	2.7	2.4	2.5	2.5	2.2	1.9	1.9
1979	1.0	1.1	1.2	.9	.5	.7	1.1	.9	1.0	1.0	1.0	1.4	1.1
1980	1.3	1.2	1.3	.7	1.4	.8	.5	1.0	1.7	1.9	1.9	1.7	1.7
1981	1.7	1.8	1.4	1.9	1.9	2.0	1.4	2.1	2.1	1.2	2.0	1.5	1.4
1982		1.9	1.8										

SIC 38—INSTRUMENTS AND RELATED PRODUCTS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	615.1	597.7	602.7	605.6	609.4	612.8	618.9	616.4	619.0	621.2	622.0	625.8	630.1
1978	653.1	631.1	633.1	636.3	641.9	646.4	658.4	657.2	661.3	661.2	664.7	671.0	674.9
1979	691.2	676.1	678.7	681.5	685.3	685.9	698.4	693.6	696.6	695.3	698.8	699.9	704.3
1980	711.3	704.1	706.9	711.0	710.5	709.1	713.7	710.1	710.6	710.1	711.3	717.1	720.1
1981	726.6	720.0	717.8	721.1	723.2	723.8	732.3	731.2	735.8	732.6	729.6	727.6	727.1
1982		719.0	715.3										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	254.1	243.7	247.6	248.8	250.8	253.9	257.3	253.8	255.0	257.3	258.5	259.7	262.7
1978	275.8	262.9	264.4	266.8	270.0	272.2	279.2	275.6	279.7	281.6	283.1	286.6	289.5
1979	294.7	287.2	289.0	290.0	292.7	293.2	299.3	293.7	296.6	296.7	298.8	299.5	301.3
1980	303.3	300.3	302.1	304.8	304.1	303.5	304.1	300.8	300.8	301.3	303.3	305.1	306.8
1981	309.2	305.9	305.6	306.1	307.8	309.2	312.3	309.4	312.7	311.9	310.5	310.1	309.1
1982		305.6	304.7										

SIC 38—INSTRUMENTS AND RELATED PRODUCTS (Con.)

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	370.5	365.6	368.9	370.1	371.9	375.2	376.6	374.0	375.5	378.3	379.6	382.8	385.8
1978	400.1	395.8	399.3	398.5	397.7	395.8	405.2	402.3	404.6	406.3	407.8	413.7	415.5
1979	421.6	417.0	419.1	419.3	420.9	420.1	428.0	420.6	422.1	421.6	422.2	422.1	425.4
1980	425.3	424.1	426.5	430.4	428.2	425.4	426.8	419.9	422.6	422.4	422.6	425.8	429.5
1981	429.7	427.2	425.9	427.1	428.6	428.9	433.5	430.0	430.5	429.8	426.7	424.8	424.9
1982		419.2	416.4										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

1977	204.77	206.56	211.34	210.31	208.75	211.53	213.50	211.73	214.93	219.50	220.04	222.63	227.98
1978	233.64	231.45	226.24	230.70	231.39	230.93	231.49	230.11	234.19	237.15	237.80	241.61	248.53
1979	241.74	243.16	247.23	249.67	241.60	249.29	249.08	248.65	248.06	252.75	257.66	264.55	269.98
1980	275.41	269.37	267.61	268.77	267.45	270.41	275.00	271.26	273.32	276.69	279.68	286.30	293.34
1981	300.01	292.61	291.20	293.33	288.88	294.19	296.13	296.46	305.02	306.64	307.04	313.34	317.87
1982		306.21	317.60										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

1977	5.09	5.18	5.18	5.18	5.18	5.21	5.22	5.28	5.32	5.38	5.38	5.43	5.52
1978	5.71	5.64	5.60	5.60	5.62	5.66	5.66	5.71	5.74	5.77	5.80	5.85	5.96
1979	6.03	5.99	6.03	6.05	6.04	6.11	6.12	6.17	6.14	6.21	6.32	6.39	6.49
1980	6.60	6.57	6.56	6.62	6.62	6.71	6.79	6.85	6.85	6.90	6.94	7.00	7.12
1981	7.43	7.34	7.39	7.22	7.24	7.30	7.33	7.43	7.55	7.59	7.60	7.68	7.81
1982		7.93	7.94										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

1977	40.6	39.6	40.9	40.6	40.3	40.6	40.9	40.1	40.4	40.8	40.9	41.0	41.3
1978	40.9	39.9	40.4	41.2	41.1	40.8	40.9	40.3	40.8	41.1	41.0	41.3	41.7
1979	41.6	41.6	41.0	41.3	40.0	40.8	40.7	40.3	40.4	40.7	40.8	41.4	41.6
1980	40.5	41.0	40.7	40.6	40.4	40.3	40.5	39.6	39.9	40.1	40.3	40.9	41.2
1981	40.8	40.6	40.5	40.6	39.9	40.3	40.4	39.9	40.4	40.4	40.4	40.8	40.7
1982		38.6	40.0										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

1977	2.4	2.4	2.4	2.3	2.2	2.3	2.4	2.1	2.3	2.6	2.6	2.5	2.8
1978	2.6	2.2	2.7	2.6	2.4	2.3	2.4	2.1	2.5	2.8	2.9	2.8	3.1
1979	2.5	2.6	2.8	2.8	1.9	2.3	2.4	2.1	2.4	2.8	2.6	2.9	2.9
1980	2.3	2.5	2.6	2.5	2.2	2.2	2.1	1.8	2.2	2.4	2.3	2.6	2.7
1981	2.2	2.4	2.3	2.3	1.9	2.2	2.3	2.0	2.2	2.4	2.2	2.3	2.3
1982		2.0	1.9										

SIC 381—ENGINEERING AND SCIENTIFIC INSTRUMENTS

ALL EMPLOYEES—IN THOUSANDS

1977	62.8	62.0	62.4	62.9	62.8	62.7	62.9	61.3	63.3	62.9	63.0	63.4	63.9
1978	65.9	64.1	64.4	64.5	65.0	65.0	66.1	65.6	66.0	66.0	67.3	68.1	68.7
1979	72.4	69.0	69.9	70.6	70.9	71.4	72.7	73.1	73.8	73.6	74.1	74.6	75.4
1980	76.8	75.6	75.9	76.0	76.0	75.9	76.7	77.3	77.5	77.5	77.2	77.9	78.3
1981	78.5	78.4	78.2	78.5	78.2	78.3	78.7	78.7	78.6	78.4	78.5	78.4	78.6
1982		78.2	77.4										

WOMEN EMPLOYEES—IN THOUSANDS

1977	18.0	17.9	18.2	18.1	18.3	18.3	18.4	16.9	17.6	17.8	17.9	18.1	18.3
1978	19.6	18.5	18.7	18.7	19.1	18.8	19.3	19.1	20.1	20.3	20.4	20.9	21.1
1979	22.4	21.2	21.6	21.9	22.0	22.2	22.4	22.5	22.5	22.7	23.0	23.3	23.5
1980	23.9	23.6	23.7	23.6	23.7	23.5	23.6	23.9	24.0	24.0	24.1	24.1	24.4
1981	24.6	24.5	24.5	24.5	24.4	24.5	24.6	24.5	24.7	24.6	24.7	24.7	24.9
1982		24.7	24.3										

SIC 381—ENGINEERING AND SCIENTIFIC INSTRUMENTS (Con.)

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	29.5	29.8	29.7	29.6	29.8	29.8	30.0	28.8	29.8	30.0	30.1	30.4	30.9
1978	32.3	31.1	31.4	31.5	31.5	31.3	32.2	31.7	32.2	32.7	33.4	34.3	34.6
1979	36.2	34.7	35.5	35.6	35.6	35.7	36.3	36.4	36.6	36.5	36.6	36.8	37.4
1980	37.4	37.3	37.3	37.5	37.4	37.0	37.1	37.0	37.4	37.7	37.4	38.0	38.2
1981	37.8	38.2	38.0	38.1	38.0	37.9	37.9	37.5	37.5	37.5	37.6	37.4	37.8
1982		37.2	36.6										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

1977	230.88	216.26	223.02	222.48	223.72	226.43	227.81	223.97	229.34	239.97	241.26	242.34	252.15
1978	256.10	243.28	247.57	256.18	255.58	254.07	251.26	247.85	254.52	256.20	262.12	263.73	276.57
1979	272.30	259.56	261.43	268.39	256.54	263.98	266.39	263.90	272.41	280.21	281.57	287.37	299.84
1980	295.48	287.29	284.96	290.51	289.40	290.37	294.11	291.40	294.69	297.75	296.94	306.77	319.29
1981	318.61	305.25	304.21	309.55	307.80	312.83	317.24	322.29	318.33	322.79	328.02	331.68	344.38
1982		325.05	334.96										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

1977	5.55	5.38	5.40	5.40	5.43	5.43	5.45	5.53	5.58	5.70	5.69	*5.77	5.81
1978	6.04	5.82	5.98	5.93	5.93	5.95	5.94	6.06	6.06	6.10	6.11	6.22	6.30
1979	6.53	6.30	6.33	6.36	6.35	6.47	6.45	6.50	6.58	6.64	6.72	6.73	6.83
1980	7.12	6.84	6.85	6.95	6.94	6.98	7.07	7.09	7.17	7.28	7.35	7.41	7.46
1981	7.79	7.50	7.53	7.55	7.60	7.63	7.70	7.88	7.86	7.97	8.02	8.07	8.18
1982		8.25	8.23										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

1977	41.6	40.2	41.3	41.2	41.2	41.7	41.8	40.5	41.1	42.1	42.4	42.0	43.4
1978	42.4	41.8	41.4	43.2	43.1	42.7	42.3	40.9	42.0	42.0	42.9	42.4	43.9
1979	41.7	41.2	41.3	42.2	40.4	40.8	41.3	40.6	41.4	42.2	41.9	42.7	43.9
1980	41.5	42.0	41.6	41.8	41.7	41.6	41.6	41.1	41.1	40.9	40.4	41.4	42.8
1981	40.9	40.7	40.4	41.0	40.5	41.0	41.2	40.9	40.5	40.5	40.9	41.1	42.1
1982		39.4	40.7										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

1977	2.9	2.4	2.8	2.8	2.6	3.1	3.0	2.6	3.0	3.1	3.2	3.2	3.6
1978	3.3	2.8	2.9	3.3	2.9	2.9	3.1	2.9	3.4	3.5	3.7	3.6	4.1
1979	3.5	3.3	3.2	3.7	2.2	2.8	2.9	3.3	3.6	4.3	3.9	4.1	4.2
1980	3.0	3.5	3.1	3.3	2.7	2.9	2.7	2.7	3.2	2.7	2.6	3.1	3.5
1981	2.9	2.9	3.0	3.0	2.3	3.0	2.9	3.0	2.7	3.3	2.7	2.7	3.1
1982		2.3	2.3										

SIC 382—MEASURING AND CONTROLLING DEVICES

ALL EMPLOYEES—IN THOUSANDS

1977	197.0	186.9	188.8	189.5	191.3	194.0	197.2	199.7	200.7	202.4	202.2	204.4	207.0
1978	217.6	208.5	209.8	210.7	213.7	215.5	218.6	219.4	220.2	221.6	221.5	224.6	226.6
1979	235.9	228.8	229.9	231.3	233.0	232.7	236.5	237.1	238.5	239.4	239.9	241.1	242.7
1980	245.3	242.7	243.3	244.8	244.2	243.5	245.7	244.0	244.0	245.0	245.9	248.7	251.2
1981	257.5	253.0	252.0	254.0	256.5	256.9	260.3	259.1	261.4	262.1	259.9	257.9	257.1
1982		253.2	251.4										

WOMEN EMPLOYEES—IN THOUSANDS

1977	81.8	76.5	78.0	78.2	79.4	80.9	82.5	82.9	82.9	84.0	84.1	85.4	86.7
1978	92.7	87.7	88.6	89.3	91.0	91.7	94.2	93.2	93.9	94.9	95.0	96.3	96.8
1979	102.6	98.2	99.6	100.3	101.0	101.2	103.2	103.1	104.1	104.6	105.2	105.1	105.8
1980	106.3	105.6	105.8	106.7	107.5	106.2	105.8	104.6	104.8	105.8	106.8	107.4	109.1
1981	110.8	109.6	109.2	109.3	110.9	111.2	112.3	110.8	112.1	112.5	111.4	110.5	109.6
1982		108.1	107.3										

See footnotes at end of tables.

SIC 382—MEASURING AND CONTROLLING DEVICES (Con.)

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	124.5	117.9	119.5	119.9	121.5	123.6	124.0	125.4	126.1	127.4	127.7	129.4	131.4
1978	136.5	132.4	133.7	133.5	135.3	137.5	139.8	139.6	139.7	141.1	141.1	143.6	145.5
1979	151.3	147.5	148.8	149.1	150.1	150.1	153.5	151.3	151.8	153.7	152.4	152.6	155.1
1980	153.6	155.0	155.4	156.0	154.3	153.2	153.3	149.8	150.1	151.6	152.2	154.8	156.9
1981	160.9	158.9	158.1	156.7	160.6	160.8	162.7	162.1	163.0	163.8	161.9	160.3	159.4
1982		157.2	156.1										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

1977	216.95	206.64	212.86	213.56	211.45	214.52	215.59	214.00	217.74	221.13	222.49	224.61	227.40
1978	235.42	221.36	226.48	231.65	230.34	232.49	233.83	233.01	235.99	241.43	241.13	248.12	251.58
1979	255.44	246.22	250.28	254.37	242.41	256.64	253.78	253.17	262.65	259.74	256.68	265.63	273.19
1980	281.54	278.46	276.61	279.86	275.26	278.53	283.72	279.10	279.57	281.76	281.93	288.69	291.20
1981	298.41	288.05	287.96	291.72	286.22	290.48	291.77	290.40	312.36	308.10	305.74	311.60	307.48
1982		295.29	312.03										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

1977	5.37	5.21	5.23	5.26	5.26	5.31	5.31	5.35	5.43	5.46	5.48	5.51	5.56
1978	5.77	5.59	5.62	5.65	5.67	5.73	5.71	5.73	5.81	5.86	5.92	5.95	5.99
1979	6.20	6.02	6.06	6.10	6.03	6.16	6.16	6.19	6.19	6.29	6.25	6.37	6.52
1980	6.65	6.63	6.67	6.76	6.73	6.81	6.90	6.84	6.92	6.94	6.93	6.99	7.00
1981	7.35	7.06	7.11	7.15	7.12	7.19	7.24	7.31	7.60	7.57	7.55	7.60	7.63
1982		7.71	7.84										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

1977	40.4	39.7	40.7	40.6	40.2	40.4	40.6	40.0	40.1	40.5	40.6	40.8	40.9
1978	40.8	39.6	40.3	41.0	40.8	40.4	40.6	40.7	40.6	41.2	40.8	41.7	42.0
1979	41.2	40.9	41.3	41.7	40.2	41.5	41.2	40.9	40.8	41.5	41.1	41.7	41.9
1980	41.1	42.0	41.5	41.4	40.9	40.9	40.0	40.1	40.4	40.6	40.8	41.7	41.6
1981	40.6	40.8	40.5	40.6	40.2	40.4	40.3	40.0	40.1	40.7	40.5	41.3	41.0
1982		38.3	39.8										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

1977	2.4	2.3	2.4	2.3	2.2	2.3	2.5	2.2	2.3	2.6	2.6	2.4	2.7
1978	2.4	2.4	2.7	2.5	2.1	2.0	2.1	1.9	2.1	2.6	2.2	2.6	3.0
1979	2.5	2.5	2.8	2.7	1.6	2.4	2.5	2.2	2.4	2.9	2.5	3.0	2.8
1980	2.3	2.6	2.6	2.5	2.0	2.1	2.1	1.7	2.1	2.3	2.2	2.3	2.5
1981	2.0	2.1	2.1	2.1	1.6	2.0	2.1	1.9	2.1	2.3	2.2	2.1	2.1
1982		1.5	1.5										

SIC 3822—ENVIRONMENTAL CONTROLS

ALL EMPLOYEES—IN THOUSANDS

1977	46.6	45.2	45.8	44.4	45.1	46.7	47.1	46.9	47.2	47.4	47.3	47.6	48.3
1978	49.0	48.8	49.1	49.3	49.3	49.4	49.5	49.0	47.7	48.5	48.9	49.1	48.9
1979	49.8	49.5	49.8	49.4	49.3	48.9	49.6	49.4	50.1	50.0	50.3	50.5	50.8
1980	47.8	50.2	50.5	50.8	49.3	47.6	46.6	44.2	45.2	46.5	46.7	47.4	48.0
1981	47.8	48.1	48.3	49.0	48.9	48.0	47.5	47.9	48.5	48.6	47.6	45.6	45.2
1982		44.6	44.1										

WOMEN EMPLOYEES—IN THOUSANDS

1977	23.0	21.2	22.0	21.4	22.1	23.0	23.6	23.4	23.5	23.6	23.5	23.9	24.2
1978	24.4	24.6	24.8	24.8	24.9	24.8	24.8	24.5	23.6	24.3	24.1	24.2	23.9
1979	25.2	24.4	24.9	24.9	24.8	24.6	25.3	24.9	25.5	25.6	25.8	25.7	25.7
1980	24.4	25.5	25.6	26.0	25.8	24.9	23.4	21.8	22.9	23.7	24.1	24.3	24.4
1981	23.8	24.1	24.0	24.2	24.4	24.1	23.4	23.9	24.3	24.4	23.6	22.6	22.0
1982		21.9	21.6										

See footnotes at end of tables.

SIC 3822—ENVIRONMENTAL CONTROLS (Con.)

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	32.7	31.7	32.4	31.3	31.9	33.3	33.0	32.8	33.0	33.1	32.9	33.1	33.7
1978	34.0	34.3	34.4	34.5	34.5	34.6	34.7	34.2	33.5	33.4	33.7	33.8	33.4
1979	34.9	34.5	34.7	34.4	34.2	34.2	34.5	34.4	33.5	33.3	33.6	33.8	33.7
1980	32.9	35.4	35.3	35.9	34.3	33.2	31.6	29.4	30.6	31.6	31.8	32.4	33.1
1981	32.1	33.1	33.0	33.6	33.5	32.6	32.3	32.7	32.6	32.3	31.8	29.7	29.2
1982		29.0	29.2										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

1977	202.58	190.12	199.67	200.79	194.93	199.98	202.51	199.80	204.75	205.01	206.85	208.85	212.39
1978	220.25	209.08	219.49	218.00	216.86	215.67	215.76	215.21	223.11	224.03	224.47	227.77	233.15
1979	232.40	225.89	228.05	236.64	221.95	229.31	230.66	230.46	233.81	234.95	233.56	237.63	245.81
1980	248.68	244.77	242.80	249.04	246.83	242.31	246.57	243.32	247.78	248.29	249.80	257.20	259.74
1981	272.35	261.45	264.26	268.00	260.84	257.34	272.53	272.13	277.01	281.85	274.41	279.74	281.21
1982		277.88	285.43										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

1977	5.09	4.90	4.93	4.97	4.91	5.05	5.05	5.11	5.21	5.19	5.17	5.26	5.29
1978	5.52	5.32	5.46	5.45	5.49	5.53	5.49	5.49	5.55	5.54	5.56	5.61	5.61
1979	5.81	5.69	5.73	5.80	5.75	5.80	5.81	5.85	5.86	5.83	5.81	5.84	5.88
1980	6.24	5.97	6.01	6.12	6.14	6.15	6.29	6.42	6.32	6.35	6.34	6.43	6.46
1981	6.93	6.52	6.59	6.70	6.74	6.82	6.97	7.05	7.14	7.19	7.11	7.10	7.24
1982		7.43	7.30										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

1977	39.8	38.8	40.5	40.4	39.7	39.6	40.1	39.1	39.3	39.5	40.0	40.2	40.3
1978	39.9	39.3	40.2	40.0	39.5	39.0	39.3	39.2	40.2	40.8	40.3	40.6	41.4
1979	40.0	39.7	39.8	40.8	38.6	39.4	39.7	39.9	39.9	40.0	40.0	40.9	41.4
1980	39.9	41.0	40.4	40.7	40.2	39.4	39.2	37.9	39.2	39.1	39.4	40.2	40.1
1981	39.3	40.1	40.1	40.0	38.7	39.2	39.1	38.6	38.8	39.2	38.6	39.4	39.1
1982		37.4	39.1										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

1977	2.1	2.1	2.3	2.2	2.0	2.2	2.1	1.6	2.3	2.1	1.9	1.8	1.9
1978	2.0	2.3	2.7	2.2	1.6	1.3	1.6	1.5	2.0	2.2	1.6	2.0	2.2
1979	1.7	1.7	2.4	1.7	.9	1.3	1.6	1.5	1.8	2.0	1.6	2.0	2.0
1980	1.8	2.0	1.8	2.0	1.6	1.1	1.1	1.1	1.1	1.1	1.6	1.7	1.7
1981	1.8	2.4	2.5	2.2	1.4	1.5	1.6	1.6	1.7	1.9	1.8	1.7	1.7
1982		1.3	1.3										

SIC 3823—PROCESS CONTROL INSTRUMENTS

ALL EMPLOYEES—IN THOUSANDS

1977	45.7	43.1	43.7	44.1	44.5	44.9	45.7	46.1	46.4	46.8	47.2	47.5	47.9
1978	48.6	47.8	48.0	47.4	47.3	47.7	48.6	48.8	48.7	48.9	49.6	50.1	50.6
1979	50.9	50.4	50.7	50.8	51.4	51.1	50.9	51.0	49.5	50.3	51.0	51.7	52.0
1980	53.9	52.3	52.6	52.4	52.6	53.2	54.9	55.1	53.8	53.6	54.2	55.5	56.5
1981	60.1	57.0	57.5	58.3	58.6	58.8	60.6	60.7	61.5	62.1	62.1	62.2	62.1
1982		59.5	59.3										

WOMEN EMPLOYEES—IN THOUSANDS

1977	14.3	13.2	13.4	13.7	13.8	14.0	14.3	14.4	14.5	14.9	15.0	15.0	15.1
1978	15.9	15.1	15.3	15.3	15.3	15.3	16.7	16.0	15.9	16.0	16.4	16.8	16.6
1979	16.8	16.5	16.8	16.8	16.9	16.9	16.7	16.8	16.4	16.2	16.9	17.1	17.2
1980	18.2	17.3	17.6	17.6	17.8	17.8	18.5	18.8	18.0	18.0	18.5	18.7	19.5
1981	20.5	19.8	20.0	20.0	20.2	20.3	21.0	20.7	21.1	21.2	20.9	20.8	20.5
1982		19.8	19.8										

SIC 3823—PROCESS CONTROL INSTRUMENTS (Con.)

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	23.6	22.5	22.4	22.6	23.1	23.5	23.9	24.0	24.4	24.8	25.0	25.2	25.2
1978	25.2	25.2	25.0	24.6	24.6	24.9	25.6	25.7	25.6	25.5	26.6	26.9	27.4
1979	27.0	27.6	27.7	27.7	27.9	27.7	27.2	25.8	25.1	25.9	26.3	26.8	27.2
1980	24.9	27.1	27.1	27.4	27.4	28.1	29.1	29.3	28.2	27.8	28.2	29.2	29.8
1981	31.6	30.1	30.6	30.8	30.9	30.9	32.0	31.6	32.2	32.8	32.5	32.4	32.3
1982		32.1	32.1										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	213.44	206.96	207.69	216.17	218.41	221.24	227.10	226.72	221.65	232.54	231.84	234.92	232.79
1978	244.84	234.87	233.16	238.25	237.69	237.89	240.93	244.18	244.73	258.26	254.28	260.15	266.30
1979	262.70	261.74	266.84	262.84	243.62	264.50	260.18	261.34	254.20	274.09	268.18	282.10	283.19
1980	284.03	284.23	287.74	289.62	285.98	291.89	294.25	294.80	285.44	296.87	296.79	309.84	310.28
1981	314.81	307.82	297.91	303.00	299.59	307.44	310.86	315.13	312.60	318.75	323.51	336.61	343.39
1982		337.96	332.47										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.45	5.18	5.07	5.31	5.34	5.37	5.42	5.45	5.50	5.59	5.60	5.62	5.62
1978	5.80	5.64	5.60	5.70	5.70	5.76	5.75	5.80	5.94	6.02	6.04	6.05	6.15
1979	6.22	6.02	6.06	6.17	6.05	6.18	6.18	6.25	6.17	6.33	6.34	6.50	6.51
1980	6.78	6.51	6.60	6.64	6.62	6.71	6.78	6.84	6.78	6.92	6.87	7.01	7.02
1981	7.68	7.04	7.04	7.13	7.15	7.20	7.28	7.38	7.39	7.50	7.63	7.81	7.84
1982		7.95	8.05										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	42.1	40.6	41.0	40.7	40.9	41.2	41.9	41.6	40.3	41.6	42.4	41.8	41.6
1978	42.7	42.6	42.5	41.4	41.7	41.3	41.9	42.1	41.2	42.9	43.1	43.0	43.3
1979	43.1	43.4	42.7	42.6	40.3	42.8	42.1	41.7	41.2	43.3	42.3	43.4	43.5
1980	43.1	42.9	43.4	43.0	43.2	43.5	43.4	43.1	42.1	42.9	43.2	44.2	44.2
1981	42.6	42.7	41.9	42.2	41.9	42.7	42.7	42.7	42.3	42.5	42.4	43.1	43.8
1982		43.1	42.6										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.1	2.6	2.9	2.6	2.7	2.9	3.1	3.1	2.3	3.6	4.3	3.1	3.3
1978	4.0	3.9	3.6	3.3	3.5	3.5	3.4	3.6	2.6	3.8	3.7	3.7	4.4
1979	4.0	4.1	3.7	3.6	3.3	3.7	3.1	2.8	2.7	3.9	3.3	3.5	4.0
1980	3.4	3.7	3.9	3.6	3.9	3.8	3.3	3.1	3.6	3.6	3.8	3.8	3.4
1981	3.1	3.1	3.0	3.3	3.4	2.9	3.0	2.7	2.5	3.2	3.3	3.1	3.1
1982		3.1	3.0										

SIC 3825—INSTRUMENTS TO MEASURE ELECTRICITY

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	67.9	66.6	67.0	67.9	68.6	70.0	72.8	72.9	73.3	73.4	73.5	74.7	74.7
1978	81.1	80.1	80.1	80.5	81.5	83.5	85.0	85.8	86.8	86.5	87.0	88.1	88.1
1979	92.1	90.7	91.1	90.1	93.0	95.7	96.2	98.9	98.8	98.3	98.6	99.1	99.1
1980	101.4	101.4	101.7	101.3	101.5	102.7	103.2	103.0	102.3	101.9	102.1	102.4	102.4
1981	104.7	103.2	103.2	103.2	103.9	105.6	104.7	106.0	104.9	104.3	104.2	104.3	104.3
1982		104.1	104.1										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	31.2	30.1	30.4	30.7	30.9	31.3	31.8	32.3	32.0	32.1	32.3	32.5	33.2
1978	37.2	36.7	36.7	36.6	37.4	38.2	38.5	39.9	39.7	39.8	40.0	40.6	40.6
1979	43.7	43.1	43.4	43.4	43.5	44.7	44.6	45.7	45.8	45.5	45.6	45.6	45.6
1980	46.6	46.4	46.4	46.4	46.6	47.0	46.9	46.8	46.8	46.7	46.7	47.2	48.4
1981	48.1	47.3	47.7	47.6	47.8	48.1	48.9	47.9	48.4	48.0	48.2	48.3	48.4
1982		48.1	48.6										

See footnotes at end of tables.

SIC 3825—INSTRUMENTS TO MEASURE ELECTRICITY (Con.)

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	44.1	41.6	42.2	42.6	42.9	43.3	44.1	44.9	44.9	44.9	45.5	45.6	46.5
1978	52.8	47.1	48.2	49.3	50.4	52.0	53.2	54.2	55.6	55.6	55.1	55.7	56.6
1979	60.5	57.5	58.1	58.7	59.4	59.6	61.3	60.8	62.8	62.6	61.7	61.0	62.4
1980	62.4	62.5	62.8	63.3	62.8	62.3	62.9	61.7	62.2	61.8	61.7	62.0	62.5
1981	65.4	63.9	64.2	63.9	64.1	64.8	66.4	66.3	66.5	66.1	66.1	66.4	66.4
1982		66.3	66.3										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	226.64	220.15	222.75	223.30	220.95	222.46	220.95	222.00	229.88	229.71	232.80	234.60	236.64
1978	246.38	237.33	240.12	242.53	242.78	242.72	240.90	243.02	245.78	245.63	249.48	259.98	262.48
1979	272.95	262.71	266.49	267.55	261.66	272.85	268.97	272.16	271.58	274.48	273.41	284.39	297.36
1980	304.47	310.89	303.68	309.32	298.58	301.66	310.16	302.13	303.69	301.25	300.29	304.63	305.70
1981	307.53	300.92	299.15	303.96	295.14	296.46	294.23	292.82	339.39	325.97	317.56	320.74	303.80
1982		300.58	323.87										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.61	5.49	5.50	5.50	5.51	5.52	5.51	5.55	5.69	5.70	5.72	5.75	5.80
1978	5.98	5.86	5.80	5.83	5.85	5.92	5.89	5.87	5.98	6.05	6.16	6.19	6.22
1979	6.53	6.27	6.30	6.34	6.29	6.42	6.45	6.48	6.56	6.61	6.62	6.82	7.08
1980	7.39	7.23	7.30	7.40	7.31	7.43	7.51	7.46	7.48	7.42	7.36	7.43	7.42
1981	7.65	7.43	7.46	7.45	7.36	7.43	7.43	7.47	8.10	7.97	7.88	7.90	7.85
1982		7.91	8.22										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	40.4	40.1	40.5	40.6	40.1	40.3	40.1	40.0	40.4	40.3	40.7	40.8	40.8
1978	41.2	40.5	41.4	41.6	41.5	41.0	40.9	41.4	41.1	40.6	40.5	42.0	42.2
1979	41.8	41.9	42.3	42.2	41.6	42.5	41.7	42.0	41.4	41.4	41.3	41.7	42.0
1980	41.2	43.0	41.6	41.8	40.9	40.6	41.3	40.5	40.5	40.6	40.8	41.0	41.2
1981	40.2	40.5	40.1	40.8	40.1	39.9	39.6	39.2	41.4	40.9	40.3	40.6	38.7
1982		38.0	39.4										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	2.0	1.9	1.8	1.8	1.7	1.8	2.1	2.1	2.0	2.0	2.4	2.1	2.4
1978	2.1	2.5	2.6	2.5	2.2	2.0	2.0	1.5	1.9	1.9	2.0	2.1	2.3
1979	2.2	2.3	2.3	2.4	1.6	2.0	2.1	1.9	2.1	2.4	2.1	2.3	2.5
1980	1.8	2.1	2.1	2.2	1.5	1.5	1.7	1.2	1.9	1.9	2.0	1.8	2.0
1981	1.7	1.6	1.5	1.7	1.3	1.6	1.8	1.5	2.0	1.9	1.9	1.9	1.7
1982		1.3	1.2										

SIC 383—OPTICAL INSTRUMENTS AND LENSES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	25.7	25.0	25.1	25.3	25.1	25.3	25.7	25.7	25.6	26.1	26.2	26.4	26.4
1978	28.1	26.7	26.7	26.9	27.1	27.3	27.9	28.2	28.5	28.6	29.2	29.7	30.0
1979	31.6	30.4	30.5	30.9	31.0	31.0	31.7	31.7	31.9	32.2	32.4	32.5	32.8
1980	33.0	32.6	32.7	32.7	33.0	33.3	33.4	33.0	32.8	33.0	33.0	33.0	33.4
1981	33.4	33.6	33.7	33.8	33.6	33.6	33.7	33.4	33.1	33.3	33.1	33.1	32.8
1982		33.0	32.8										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	8.7	8.5	8.5	8.5	8.4	8.5	8.6	8.6	8.7	8.9	9.0	9.0	9.0
1978	9.6	9.0	9.0	9.1	9.1	9.3	9.5	9.6	9.8	10.0	10.2	10.6	10.2
1979	10.9	10.2	10.1	10.4	10.4	10.5	10.8	11.0	11.3	11.6	11.8	11.6	11.6
1980	11.5	11.5	11.6	11.7	11.6	11.5	11.8	11.6	11.3	11.3	11.3	11.4	11.3
1981	11.6	11.2	11.4	11.3	11.3	11.4	11.8	11.9	11.7	11.9	11.9	11.8	11.8
1982		11.8	11.4										

SIC 383—OPTICAL INSTRUMENTS AND LENSES (Con.)

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	14.9	14.6	14.6	14.8	14.4	14.6	15.0	14.8	14.4	15.1	15.1	15.5	15.3
1978	15.4	15.3	15.2	15.3	15.3	15.2	15.9	15.9	15.8	16.3	16.6	17.0	17.0
1979	17.6	17.0	16.9	17.1	17.0	17.4	17.9	17.5	17.6	18.0	18.3	18.0	17.9
1980	18.3	18.1	18.2	18.3	18.2	18.3	18.6	18.4	18.3	18.2	18.2	18.2	18.4
1981	18.5	18.2	18.3	18.1	18.3	18.5	18.5	18.4	18.5	18.4	18.6	18.5	18.4
1982		18.0	17.8										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

1977	246.28	235.15	242.99	235.55	229.64	238.49	243.40	241.66	245.78	260.81	256.77	256.26	261.22
1978	267.25	241.76	269.55	262.11	255.35	259.60	259.89	274.07	264.11	268.14	272.62	280.26	291.64
1979	295.70	265.29	295.03	299.92	290.17	296.59	294.10	295.24	297.29	299.10	294.67	309.74	309.61
1980	300.12	300.17	301.43	299.54	287.34	293.63	293.15	296.46	296.61	305.47	304.56	312.84	327.60
1981	320.40	310.28	314.50	313.96	299.52	301.64	311.49	322.40	329.71	326.73	323.50	334.91	347.38
1982		337.00	344.02										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

1977	5.61	5.52	5.51	5.44	5.36	5.47	5.49	5.53	5.65	5.80	5.77	5.85	5.87
1978	6.06	5.68	5.99	5.93	5.87	5.90	5.90	6.05	6.03	6.15	6.18	6.31	6.43
1979	6.66	6.44	6.55	6.52	6.55	6.53	6.52	6.71	6.71	6.86	6.82	6.77	6.90
1980	7.32	7.13	7.01	6.96	7.06	7.05	7.15	7.48	7.33	7.56	7.52	7.54	7.60
1981	7.99	7.85	7.85	7.81	7.68	7.70	7.72	8.06	8.09	8.23	8.16	8.20	8.27
1982		8.28	8.35										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

1977	41.9	42.6	44.1	43.5	42.9	43.6	44.7	43.7	43.5	44.9	44.5	44.2	44.5
1978	44.1	41.4	45.0	44.2	43.5	44.0	43.9	45.1	43.8	43.6	44.3	44.7	45.6
1979	44.4	44.3	45.5	46.0	44.3	44.5	45.2	44.0	44.3	43.6	43.5	42.8	44.9
1980	41.0	42.1	43.0	41.6	40.7	40.5	41.0	39.9	39.1	40.3	40.5	40.9	42.0
1981	40.1	40.6	40.7	40.2	39.0	39.2	40.4	40.0	39.7	39.7	39.4	40.6	42.2
1982		40.7	41.2										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

1977	3.5	3.1	3.6	3.6	2.5	3.5	3.9	2.5	3.0	4.3	3.7	3.8	4.3
1978	3.7	2.6	4.6	3.7	3.3	3.2	3.6	3.4	3.3	3.8	3.4	4.0	4.5
1979	4.0	3.8	4.6	4.7	3.8	3.9	4.1	3.5	4.0	3.6	4.0	3.5	4.7
1980	3.1	3.6	3.7	3.6	3.7	3.3	3.3	2.6	1.8	2.5	3.0	3.8	3.8
1981	2.7	3.3	3.2	3.1	2.2	2.4	3.0	2.8	2.4	2.5	2.0	3.4	3.8
1982		2.0	2.5										

SIC 384—MEDICAL INSTRUMENTS AND SUPPLIES

ALL EMPLOYEES—IN THOUSANDS

1977	127.8	124.4	125.5	125.8	127.3	128.2	129.2	128.2	127.7	128.0	127.9	129.7	131.0
1978	135.8	131.0	131.6	132.7	133.6	134.9	137.0	135.6	137.0	137.1	137.8	139.6	141.0
1979	144.3	140.3	141.2	141.3	141.9	142.8	145.4	142.9	144.0	144.6	146.7	149.3	150.9
1980	155.5	151.7	153.5	155.1	155.8	156.1	155.6	155.7	155.9	155.8	156.0	157.2	156.1
1981	160.1	157.8	158.4	159.3	158.6	159.1	160.3	159.5	161.2	160.9	161.3	162.0	163.0
1982		161.6	161.9										

WOMEN EMPLOYEES—IN THOUSANDS

1977	68.3	65.7	66.8	67.9	67.8	68.6	69.2	68.2	68.1	68.2	68.7	69.4	70.7
1978	73.2	70.5	70.8	71.9	72.3	72.7	73.8	72.3	73.3	74.0	74.4	75.8	76.4
1979	77.2	76.2	76.1	75.9	76.3	76.7	78.5	75.1	76.3	76.6	78.4	80.1	80.4
1980	84.2	81.7	82.6	84.1	84.9	84.9	84.7	84.3	83.8	84.1	84.6	85.5	85.6
1981	86.8	85.3	86.0	86.5	86.4	86.6	87.1	85.6	87.0	87.0	87.2	88.1	88.9
1982		88.1	88.9										

See footnotes at end of tables.

SIC 384—MEDICAL INSTRUMENTS AND SUPPLIES (Con.)

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	85.9	83.9	84.9	85.9	86.1	86.6	87.1	86.5	85.5	85.0	85.1	85.4	87.1
1978	90.6	87.6	88.0	89.0	89.4	90.1	92.0	90.1	91.4	91.1	91.3	93.6	94.1
1979	95.0	94.1	95.0	94.5	94.5	94.6	96.3	93.5	93.3	93.5	94.9	97.3	98.1
1980	103.3	98.9	100.4	102.0	102.8	101.6	101.1	100.6	100.5	101.6	101.2	102.6	103.1
1981	100.6	100.3	100.6	101.5	100.2	100.3	100.5	99.0	100.6	100.5	100.6	102.4	103.1
1982		101.3	102.4										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

1977	162.74	176.01	160.54	160.95	176.91	160.80	163.42	179.62	162.66	185.87	165.07	161.20	164.6
1978	177.22	166.24	168.02	162.63	164.97	164.79	167.29	165.22	167.21	169.41	172.40	174.48	176.5
1979	187.76	192.76	185.40	187.38	187.58	187.64	187.46	185.06	189.68	194.48	194.80	196.80	199.1
1980	202.55	203.64	201.46	206.76	203.47	203.64	203.47	202.67	206.51	203.57	205.78	210.49	213.1
1981	214.70	210.64	214.70	214.70	214.70	214.70	214.70	214.70	214.70	214.70	214.70	214.70	214.7
1982		245.35	257.09										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

1977	4.58	4.49	4.84	4.83	4.83	4.82	4.84	4.83	4.82	4.84	4.85	4.84	4.87
1978	4.93	4.74	4.76	4.78	4.85	4.87	4.92	4.94	4.96	4.96	5.01	5.04	5.07
1979	5.30	5.16	5.20	5.25	5.20	5.23	5.32	5.34	5.30	5.27	5.33	5.39	5.39
1980	5.80	5.60	5.62	5.63	5.63	5.70	5.72	5.77	5.85	5.84	5.88	5.94	5.96
1981	6.42	6.15	6.24	6.30	6.23	6.33	6.36	6.43	6.52	6.59	6.61	6.69	6.77
1982		6.91	6.85										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

1977	39.9	39.2	40.3	40.3	39.4	40.0	40.4	39.8	39.6	39.8	39.4	40.0	40.1
1978	40.0	39.3	39.5	40.3	40.2	40.1	40.1	39.7	39.6	40.8	40.4	40.9	41.3
1979	39.2	39.0	39.6	39.5	37.9	39.4	39.0	39.4	38.4	38.4	38.8	40.6	41.0
1980	39.3	39.4	39.6	39.6	39.4	39.1	39.6	38.8	38.7	39.1	39.1	40.1	41.0
1981	39.7	39.9	40.0	39.8	39.4	39.9	39.9	38.9	39.3	39.4	39.4	40.2	41.0
1982		39.3	39.2										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

1977	2.0	1.8	2.0	2.0	1.7	2.0	2.1	2.0	2.0	2.1	2.0	2.1	2.2
1978	2.2	2.0	2.1	2.2	2.0	2.0	2.1	2.0	2.0	2.2	2.1	2.2	2.3
1979	2.1	2.0	2.1	2.1	1.9	2.0	2.0	2.0	1.9	2.0	2.0	2.2	2.3
1980	2.0	2.0	2.1	2.1	1.9	1.9	2.0	1.9	1.9	2.0	2.0	2.1	2.2
1981	2.0	2.0	2.1	2.1	2.0	2.1	2.1	2.0	2.0	2.1	2.1	2.2	2.3
1982		1.8	2.0										

SIC 3841—SURGICAL AND MEDICAL INSTRUMENTS

ALL EMPLOYEES—IN THOUSANDS

1977	51.0	49.2	49.8	50.5	50.9	50.9	51.2	50.9	51.0	51.5	51.2	52.1	53.1
1978	57.1	53.5	54.2	54.9	55.4	56.3	57.2	56.9	58.5	59.2	58.8	60.6	60.5
1979	63.4	60.7	60.8	61.1	62.0	62.7	63.6	61.9	63.3	63.9	65.3	67.3	68.1
1980	71.8	69.1	70.0	70.9	71.4	71.8	71.4	72.0	72.5	72.6	72.9	73.2	73.5
1981	75.4	73.3	73.5	74.0	74.5	75.2	75.9	76.0	76.4	75.9	76.1	76.5	77.1
1982		76.3	76.9										

WOMEN EMPLOYEES—IN THOUSANDS

1977	29.6	28.1	28.8	29.2	29.3	29.5	29.6	29.2	29.4	29.9	30.0	30.7	31.1
1978	33.0	31.2	31.5	32.0	32.2	32.4	32.8	32.6	33.4	33.3	33.8	35.1	35.2
1979	36.1	35.4	35.2	35.2	35.7	36.0	36.8	34.2	35.5	36.0	36.9	38.1	38.4
1980	41.2	39.4	40.1	40.9	41.4	41.6	41.2	41.3	41.0	41.4	41.5	42.0	42.0
1981	42.7	41.8	42.0	42.3	43.5	42.8	43.1	42.8	42.4	42.6	42.9	43.1	43.4
1982		43.1	43.3										

READEX MICRO

SIC 3841—SURGICAL AND MEDICAL INSTRUMENTS (Con.)

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	34.0	32.5	33.2	33.9	34.2	34.2	34.2	33.5	33.6	33.9	34.1	35.2	35.7
1978	36.1	35.6	36.3	36.7	36.9	37.3	38.2	37.8	39.2	38.7	39.9	41.0	40.4
1979	41.5	41.1	41.0	40.8	41.2	41.4	42.0	40.1	40.4	40.7	41.7	43.5	44.2
1980	47.0	44.7	45.7	46.9	47.1	47.1	46.5	46.7	47.8	47.9	47.4	47.9	48.0
1981	45.6	46.0	45.8	46.1	45.7	46.0	46.1	45.5	45.6	45.2	45.6	45.6	46.8
1982		45.6	45.9										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	178.76	174.64	175.50	178.45	173.29	178.79	183.52	175.60	181.75	180.26	180.37	179.45	184.26
1978	192.23	188.68	192.11	189.77	191.06	191.94	193.59	188.81	192.10	199.26	197.41	192.56	200.31
1979	199.69	195.41	200.69	200.88	192.27	203.52	201.61	199.17	185.08	190.22	192.56	212.70	218.71
1980	222.24	210.24	213.73	216.95	217.49	216.91	224.11	215.90	223.97	228.28	231.45	236.93	233.23
1981	256.33	241.38	243.95	245.42	244.00	253.53	253.53	252.41	256.64	258.89	263.06	273.10	277.16
1982		267.33	273.53										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.36	4.27	4.27	4.30	4.30	4.35	4.38	4.39	4.39	4.44	4.41	4.42	4.44
1978	4.70	4.52	4.53	4.54	4.66	4.67	4.78	4.78	4.72	4.79	4.78	4.79	4.85
1979	5.03	4.91	4.98	5.06	5.02	5.05	5.13	5.12	4.77	4.89	4.95	5.15	5.27
1980	5.57	5.21	5.33	5.37	5.37	5.45	5.52	5.55	5.67	5.75	5.83	5.85	5.86
1981	6.34	5.96	5.95	6.03	6.10	6.26	6.26	6.39	6.40	6.44	6.56	6.76	6.76
1982		6.68	6.89										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	41.0	40.9	41.1	41.5	40.3	41.1	41.9	42.0	41.4	40.6	40.9	40.6	41.5
1978	40.9	41.0	40.0	41.8	41.0	41.1	40.5	39.5	40.7	41.6	41.3	40.2	41.3
1979	39.7	39.6	40.3	39.7	38.3	40.3	39.3	38.9	38.8	38.9	38.9	41.3	41.5
1980	39.5	39.6	40.1	40.6	40.5	39.8	40.6	38.9	39.5	39.7	39.7	40.5	39.8
1981	40.4	41.5	41.0	41.7	40.0	40.5	40.5	39.5	40.1	40.2	40.1	40.4	41.0
1982		38.1	39.7										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	1.9	1.1	2.1	2.1	1.8	2.0	1.9	1.7	2.1	1.8	1.8	1.9	2.0
1978	2.1	1.6	2.3	2.0	1.9	1.8	2.1	2.1	2.6	2.1	2.1	2.3	2.7
1979	2.0	1.9	2.6	2.6	1.6	2.3	2.4	1.9	2.1	2.4	2.3	3.2	3.1
1980	2.5	2.1	2.7	3.1	2.5	2.0	1.9	1.8	2.2	2.0	1.9	2.4	2.1
1981	2.3	2.8	2.5	3.0	1.7	2.5	2.6	2.0	2.4	2.5	2.3	2.3	2.6
1982		2.0	2.3										

SIC 3842—SURGICAL APPLIANCES AND SUPPLIES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	60.2	58.8	58.8	59.4	59.6	60.4	60.9	60.4	59.9	60.0	60.1	60.5	60.9
1978	61.4	60.5	60.6	60.9	61.2	61.3	62.5	61.2	61.4	61.6	61.7	61.8	62.4
1979	63.4	62.0	62.6	62.9	62.4	62.5	63.9	63.4	63.3	63.6	64.1	64.7	65.4
1980	66.3	64.0	64.7	64.7	64.6	67.0	67.0	66.9	66.6	66.3	66.3	66.6	67.0
1981	68.1	67.4	67.4	67.4	68.2	67.3	67.2	67.9	67.2	68.7	68.8	69.1	69.3
1982		65.0	64.9										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	31.1	30.0	30.1	30.3	30.9	30.7	31.2	31.6	31.0	30.8	30.8	30.6	30.7
1978	31.5	30.8	31.0	31.1	31.6	31.8	32.0	32.7	31.5	31.9	32.2	32.3	32.3
1979	33.7	32.7	33.1	33.1	32.5	32.5	32.6	33.4	32.8	32.9	32.9	33.5	33.9
1980	35.1	34.4	34.6	34.6	35.1	35.6	35.4	35.4	35.0	34.7	34.6	35.0	35.1
1981	36.1	35.4	35.4	35.5	36.0	35.6	35.7	36.0	34.9	36.1	36.5	36.5	37.0
1982		33.6	33.6										

See footnotes at end of table.

SIC 3842—SURGICAL APPLIANCES AND SUPPLIES (Con.)

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	40.9	40.6	40.9	41.0	41.0	41.5	41.8	41.0	40.5	40.3	40.4	40.8	41.2
1978	41.2	40.5	40.5	40.9	41.1	41.4	42.2	40.8	40.9	41.2	41.2	41.1	42.1
1979	42.0	41.9	42.1	41.8	41.6	41.6	42.4	41.8	41.6	41.9	42.1	42.6	42.9
1980	43.5	43.1	43.6	44.0	44.3	43.7	43.7	43.2	43.0	43.2	43.3	43.5	43.9
1981	44.5	43.6	44.3	44.7	44.0	43.9	44.2	43.4	45.1	45.3	45.0	45.3	45.5
1982		45.9	46.0										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	183.61	176.02	181.75	178.94	177.95	180.57	182.28	180.30	183.83	189.73	188.28	193.25	194.34
1978	202.24	184.84	193.65	194.82	198.90	199.19	200.19	203.06	205.41	209.08	208.28	210.67	217.27
1979	216.06	210.21	211.68	214.09	202.45	211.85	213.17	210.31	211.63	217.06	219.40	228.63	227.51
1980	233.40	229.51	231.08	228.15	225.20	228.90	229.31	226.86	230.12	238.46	236.23	245.52	251.43
1981	255.98	249.64	247.89	250.10	246.77	251.66	254.63	254.27	256.47	261.61	262.52	268.49	269.68
1982		246.30	266.08										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.72	4.62	4.59	4.60	4.61	4.63	4.65	4.72	4.75	4.84	4.84	4.88	4.90
1978	5.12	4.89	4.94	4.97	5.01	5.03	5.03	5.18	5.24	5.24	5.22	5.28	5.29
1979	5.54	5.39	5.40	5.42	5.37	5.46	5.48	5.52	5.54	5.58	5.64	5.73	5.85
1980	6.30	5.84	5.86	5.85	5.88	5.93	5.91	5.97	6.04	6.13	6.12	6.20	6.28
1981	6.53	6.32	6.34	6.38	6.36	6.42	6.43	6.47	6.61	6.76	6.68	6.74	6.81
1982		6.88	6.84										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	38.9	38.1	39.6	38.9	38.6	39.0	39.2	38.2	38.7	39.2	38.9	39.6	39.5
1978	39.5	37.8	39.2	39.2	39.7	39.6	39.8	39.2	39.2	39.9	39.9	39.9	40.3
1979	39.0	39.0	39.2	39.5	37.7	38.8	38.9	38.1	38.2	38.9	38.9	39.3	40.6
1980	38.9	39.3	39.3	39.0	38.3	38.6	38.8	38.0	38.1	38.9	38.6	39.6	40.1
1981	39.2	39.5	39.1	39.2	38.8	39.2	39.6	39.3	38.8	38.7	39.1	39.6	39.6
1982		35.8	38.9										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	2.2	2.3	2.4	2.3	2.6	2.2	2.2	1.8	2.0	2.5	2.3	2.5	2.4
1978	2.0	1.9	2.5	2.1	2.1	2.0	2.0	2.1	2.4	2.5	2.4	2.2	2.5
1979	2.0	1.9	2.1	2.1	1.0	1.6	1.8	1.6	1.6	1.9	2.2	2.7	1.9
1980	2.2	2.1	2.2	2.2	2.0	1.9	2.1	1.6	2.1	2.7	2.3	2.8	3.0
1981	2.3	2.6	2.4	2.3	1.7	1.9	2.2	2.1	2.4	2.7	2.4	2.6	2.5
1982		1.8	2.1										

SIC 385—OPHTHALMIC GOODS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	41.8	40.3	40.5	40.4	41.1	41.6	42.5	41.8	42.6	42.6	43.1	42.7	42.9
1978	44.0	42.7	42.8	42.7	43.2	43.6	44.7	44.2	44.8	45.0	44.6	44.9	45.0
1979	45.1	44.9	45.0	45.2	45.6	45.8	46.0	44.1	44.7	45.0	45.6	44.8	44.6
1980	43.8	44.6	44.7	44.9	44.9	44.4	44.0	42.2	43.1	42.9	43.0	43.3	42.9
1981	40.7	41.9	41.8	41.7	42.0	41.7	41.4	41.1	41.1	39.7	39.1	38.4	38.0
1982		37.1	36.6										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	22.6	20.8	21.0	21.2	21.7	22.4	22.8	22.6	23.5	23.6	24.0	23.5	23.6
1978	24.7	23.6	23.7	23.6	24.0	24.5	25.1	24.6	25.0	25.5	25.6	25.7	25.8
1979	26.0	25.5	25.7	25.9	26.3	26.4	26.4	25.2	25.9	26.0	25.9	26.0	26.2
1980	25.5	26.1	26.1	26.2	25.3	25.9	25.6	24.3	24.9	24.7	25.0	25.3	25.1
1981	24.2	24.5	24.4	24.5	24.7	24.9	24.5	24.1	24.4	23.9	23.5	23.5	23.2
1982		22.2	22.2										

SIC 385—OPHTHALMIC GOODS (Con.)

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	30.7	29.5	29.4	29.3	29.9	30.4	31.0	30.5	31.4	31.4	31.9	31.6	31.8
1978	32.4	31.8	31.7	31.4	31.7	32.2	32.7	32.1	32.6	33.2	33.1	33.1	33.2
1979	32.9	32.9	33.0	33.1	33.5	33.5	33.7	32.2	32.7	32.6	32.4	32.3	32.4
1980	33.3	32.4	32.3	32.5	32.6	31.9	31.6	29.4	30.6	30.5	30.6	30.7	30.2
1981	28.7	29.4	29.4	29.4	29.6	29.6	29.1	28.6	28.6	28.2	27.5	27.3	27.4
1982		26.0	25.9										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	164.27	155.80	161.11	162.74	162.76	162.78	164.00	161.65	164.30	167.56	168.27	168.60	169.60
1978	176.55	171.44	168.21	176.34	179.27	177.38	179.14	181.74	178.02	181.27	179.80	185.10	185.02
1979	191.59	184.78	184.99	187.94	184.99	187.78	191.49	191.67	193.15	193.22	194.61	200.77	202.47
1980	208.82	202.66	203.62	206.56	205.92	209.22	210.94	204.91	207.76	211.72	212.61	213.55	217.95
1981	223.68	217.95	220.70	219.89	219.28	224.07	223.20	221.99	224.47	227.26	226.69	230.66	229.93
1982		229.81	234.28										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.16	4.10	4.11	4.12	4.11	4.09	4.10	4.15	4.17	4.21	4.26	4.29	4.26
1978	4.59	4.43	4.45	4.51	4.55	4.56	4.57	4.66	4.60	4.66	4.67	4.71	4.72
1979	4.91	4.75	4.78	4.77	4.78	4.85	4.91	4.94	4.94	4.98	4.99	5.07	5.10
1980	5.30	5.17	5.16	5.18	5.20	5.27	5.30	5.35	5.30	5.36	5.41	5.42	5.49
1981	5.42	5.49	5.49	5.47	5.54	5.56	5.58	5.62	5.64	5.71	5.71	5.81	5.84
1982		5.93	5.93										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	39.3	39.0	39.2	39.5	39.6	39.8	40.0	39.0	39.4	39.4	39.5	39.3	39.5
1978	38.5	38.7	37.8	39.1	39.4	38.9	39.2	39.0	38.7	38.9	38.5	39.3	39.2
1979	39.0	38.9	38.7	39.6	38.7	39.4	39.0	38.8	39.1	38.8	39.0	39.6	39.7
1980	39.4	39.2	39.5	39.8	39.6	39.7	39.8	38.3	39.2	39.5	39.3	39.4	39.7
1981	39.6	39.7	40.2	41.2	39.6	40.3	40.0	39.5	39.8	39.4	39.7	39.7	39.2
1982		39.7	39.5										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	1.5	1.4	1.5	1.6	1.5	1.6	1.9	1.1	1.3	1.5	1.6	1.4	1.5
1978	1.6	1.4	1.4	1.6	1.7	1.7	1.7	1.4	1.3	1.6	1.8	1.6	1.9
1979	1.6	1.6	1.6	2.1	1.6	1.6	1.6	1.3	1.6	1.6	1.8	1.9	1.9
1980	1.6	2.0	1.6	2.1	2.0	1.8	1.8	1.3	1.6	1.9	1.7	2.0	1.9
1981	1.4	1.5	1.5	1.4	1.5	1.6	1.6	1.3	1.3	1.6	1.7	1.6	1.6
1982		1.2	1.2										

SIC 386—PHOTOGRAPHIC EQUIPMENT AND SUPPLIES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	130.0	129.3	130.1	130.6	130.4	130.7	130.9	130.5	129.9	129.2	129.5	129.7	129.5
1978	131.8	129.0	128.6	129.4	129.7	130.4	133.7	134.6	134.1	132.1	132.1	133.2	133.3
1979	134.2	133.4	133.5	133.2	134.1	133.9	137.8	137.7	135.9	135.3	133.2	132.8	133.3
1980	134.6	133.2	132.8	133.5	133.0	133.7	136.3	136.9	136.5	134.5	134.7	135.4	135.0
1981	136.6	134.7	133.0	133.3	134.0	134.7	136.3	139.8	139.9	137.5	137.3	138.3	138.5
1982		137.6	136.9										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	35.5	35.2	35.6	35.6	35.7	35.7	36.2	35.8	35.4	35.2	35.3	35.2	35.2
1978	36.6	36.9	34.9	35.3	35.4	35.9	37.5	37.6	37.7	37.0	37.4	37.5	37.5
1979	37.9	37.7	37.0	37.2	37.3	37.2	39.7	39.7	38.6	37.1	37.3	37.4	37.1
1980	38.2	37.2	37.2	37.4	37.1	37.7	38.9	39.3	39.2	38.4	38.5	38.6	38.6
1981	39.5	38.2	38.0	38.0	38.4	39.1	40.6	41.0	40.7	39.7	39.7	40.0	40.0
1982		39.9	39.6										

See footnotes at end of tables.

SIC 386—PHOTOGRAPHIC EQUIPMENT AND SUPPLIES (Con.)

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	66.3	66.2	66.7	66.8	66.5	66.7	67.0	66.3	65.8	65.8	65.8	66.0	65.6
1978	67.3	64.9	64.9	65.2	65.5	66.4	69.1	69.8	69.4	68.0	68.3	68.3	67.7
1979	67.3	67.7	67.1	67.2	67.7	67.9	69.5	69.2	68.5	66.1	66.2	65.7	65.7
1980	66.9	65.4	65.1	65.9	65.5	66.4	68.3	68.5	68.5	67.0	67.1	51.4	67.6
1981	67.0	66.8	66.2	66.3	67.0	67.5	69.6	69.6	67.1	65.7	65.6	66.3	66.5
1982		66.7	66.4										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	280.98	275.22	273.14	269.69	273.07	273.73	275.94	278.30	280.73	286.20	288.40	292.07	307.45
1978	307.10	299.41	302.94	309.31	307.87	307.28	304.01	293.25	307.44	306.66	308.57	311.10	307.17
1979	334.65	325.36	329.64	329.22	327.54	328.02	324.24	337.95	323.29	329.10	362.85	357.43	352.74
1980	362.03	353.56	347.90	347.04	351.19	353.74	359.51	356.33	359.38	358.56	374.68	382.39	400.24
1981	406.79	402.90	399.61	400.32	394.79	398.52	396.76	392.85	398.62	410.44	415.80	418.62	441.94
1982		432.48	434.66										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	6.69	6.60	6.55	6.53	6.58	6.58	6.57	6.69	6.70	6.75	6.77	6.64	7.01
1978	7.26	7.16	7.23	7.21	7.21	7.23	7.17	7.17	7.20	7.25	7.28	7.30	7.44
1979	7.93	7.71	7.72	7.71	7.78	7.83	7.72	7.75	7.79	7.93	8.08	8.41	8.46
1980	8.83	8.54	8.59	8.59	8.65	8.67	8.79	8.76	8.83	8.92	8.99	9.04	9.33
1981	9.75	9.57	9.56	9.60	9.70	9.72	9.63	9.70	9.77	9.89	9.90	9.92	10.12
1982		10.60	10.55										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	42.0	41.7	41.7	41.3	41.5	41.6	42.0	41.6	41.9	42.6	42.6	42.7	42.2
1978	42.3	41.7	41.9	42.9	42.7	42.5	42.4	40.9	40.7	42.3	42.4	42.5	42.6
1979	42.2	43.2	42.7	42.7	42.1	42.0	42.0	41.8	41.5	41.5	41.3	42.5	41.7
1980	41.0	41.4	40.5	40.4	40.6	40.8	40.9	40.7	40.7	40.2	41.7	42.3	42.0
1981	41.5	42.1	41.8	41.7	40.7	41.0	41.2	40.5	40.8	41.5	42.0	42.2	42.3
1982		40.6	41.2										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.0	3.1	3.1	2.5	2.8	2.7	2.6	2.7	2.8	3.4	3.5	3.4	3.7
1978	3.4	3.0	3.0	3.6	3.5	3.4	3.4	2.8	3.1	3.5	3.5	3.6	3.7
1979	3.0	3.2	2.6	3.4	3.0	2.5	2.7	2.4	2.5	3.0	3.2	3.6	3.2
1980	2.9	2.8	2.9	2.7	2.6	2.8	2.5	2.2	2.6	3.0	3.2	3.6	3.4
1981	2.8	3.5	3.2	2.9	3.1	2.9	2.6	2.1	2.3	2.6	2.8	2.7	2.7
1982		2.3	2.5										

SIC 387—WATCHES, CLOCKS, AND WATCHCASES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	29.9	29.8	30.3	30.1	30.4	30.3	30.5	29.2	29.2	30.0	30.1	29.5	29.4
1978	30.0	29.1	29.2	29.4	29.6	29.7	30.4	29.6	30.3	30.6	30.4	30.7	30.3
1979	27.7	29.3	29.7	29.0	29.8	28.3	28.3	27.0	27.6	28.0	26.5	25.2	24.5
1980	22.3	23.5	24.0	24.0	23.6	22.2	22.0	21.0	21.0	21.4	21.5	21.6	21.3
1981	20.1	20.7	20.7	20.5	20.3	19.5	19.6	19.6	20.3	20.7	20.4	19.5	18.9
1982		18.1	18.3										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	19.3	19.1	19.5	18.3	19.5	19.5	19.6	18.8	18.8	19.6	19.5	19.1	19.0
1978	19.3	18.7	18.7	18.9	19.1	19.3	19.8	19.2	19.5	19.9	20.1	19.9	19.1
1979	17.7	18.7	18.9	18.4	18.9	18.0	18.1	17.1	17.9	18.1	17.2	16.0	15.4
1980	13.7	14.6	15.1	15.1	15.1	13.8	13.7	12.8	12.8	13.0	13.0	12.7	12.7
1981	11.8	12.6	12.9	12.0	11.7	11.5	11.4	11.5	12.1	12.3	12.1	11.5	10.9
1982		10.8	11.0										

SIC 387—WATCHES, CLOCKS, AND WATCHCASES (Con.)

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	23.3	23.5	23.9	23.6	23.7	23.5	23.6	22.7	22.6	23.5	23.6	22.8	22.7
1978	23.1	23.3	22.4	22.6	23.0	23.1	23.5	22.8	23.3	23.8	24.0	23.8	23.1
1979	21.4	22.5	22.8	22.5	22.3	21.9	21.8	20.5	21.4	21.7	21.0	19.4	18.7
1980	16.7	17.6	18.2	18.2	17.8	16.8	16.8	15.7	15.6	15.9	15.8	15.7	15.7
1981	14.7	16.4	15.2	15.0	14.9	14.3	14.2	14.2	15.1	15.3	15.0	14.1	13.0
1982		12.8	12.8										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	153.66	152.15	152.74	150.27	150.68	150.66	154.74	157.03	160.99	164.27	165.95	171.25	174.44
1978	174.00	166.55	171.65	172.09	173.71	171.95	173.66	171.05	178.49	179.25	176.31	178.75	180.80
1979	184.50	179.24	183.14	185.00	178.69	181.50	181.07	175.31	184.00	186.76	185.28	187.96	201.17
1980	200.26	200.31	201.61	195.45	198.14	196.60	198.12	192.62	201.98	205.28	208.94	210.06	221.65
1981	213.79	222.22	216.86	217.54	216.98	224.19	225.19	221.56	225.76	228.28	229.50	231.08	229.70
1982		227.71	233.24										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.19	4.19	4.22	4.12	4.12	4.13	4.16	4.25	4.26	4.28	4.28	4.26	4.35
1978	4.44	4.32	4.39	4.39	4.42	4.41	4.43	4.42	4.44	4.47	4.43	4.48	4.63
1979	4.75	4.63	4.66	4.66	4.69	4.69	4.74	4.70	4.73	4.74	4.80	4.95	5.08
1980	5.04	5.02	5.03	5.03	5.13	5.25	5.16	5.20	5.22	5.26	5.25	5.33	5.40
1981	5.58	5.62	5.67	5.68	5.68	5.69	5.73	5.80	5.73	5.75	5.81	5.88	5.92
1982		5.98	6.04										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	36.1	36.2	36.5	36.8	39.0	38.9	39.6	39.3	38.7	39.3	39.7	40.2	40.1
1978	38.9	38.7	39.1	39.2	39.3	38.9	39.2	38.7	40.2	40.1	39.8	39.9	39.7
1979	38.8	38.1	39.3	39.7	38.1	38.7	38.2	37.3	38.9	39.4	38.6	38.8	39.6
1980	38.6	39.2	39.3	36.1	36.4	38.1	36.1	36.9	38.4	39.1	39.2	38.9	39.3
1981	38.9	38.4	38.6	38.3	38.2	39.4	39.3	39.7	39.4	39.7	39.5	39.3	38.8
1982		38.1	38.6										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	1.8	1.8	2.1	1.7	1.6	1.6	1.8	1.4	1.5	1.7	2.2	2.3	2.3
1978	1.8	1.8	1.9	1.6	1.6	1.6	1.6	1.4	1.9	2.5	2.4	2.1	2.0
1979	1.8	1.8	2.0	1.7	1.1	1.5	1.3	.8	1.2	2.0	1.3	1.2	1.4
1980	1.3	1.4	1.4	1.4	1.2	1.3	.9	.6	1.1	1.3	1.6	1.2	1.3
1981	1.4	1.4	1.5	1.4	1.4	1.5	1.2	1.3	2.0	2.2	2.0	1.6	1.3
1982		1.4	1.5										

SIC 39—MISCELLANEOUS MANUFACTURING INDUSTRIES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	438.4	434.8	436.3	439.7	433.3	439.0	443.4	426.9	445.8	451.0	454.7	452.1	439.3
1978	451.5	438.6	436.6	441.6	446.6	452.6	459.3	438.3	458.7	466.7	471.9	467.6	446.3
1979	444.4	434.2	437.6	440.9	440.5	442.6	450.6	432.6	453.5	456.1	458.0	453.4	437.1
1980	429.3	425.5	426.2	430.0	430.2	421.3	416.5	400.4	413.3	417.5	416.9	414.9	403.1
1981	410.7	394.6	398.1	402.2	406.6	409.3	414.9	407.5	417.0	423.8	425.0	421.5	406.8
1982		389.8	390.3										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	203.0	199.8	197.0	199.5	200.1	203.5	206.2	195.7	206.4	211.0	214.6	213.2	203.1
1978	213.4	196.2	202.1	207.7	209.4	212.8	217.5	205.3	216.4	225.4	228.9	225.8	210.7
1979	210.7	202.0	205.1	208.0	209.6	209.6	214.0	202.4	214.7	218.6	220.5	217.5	206.0
1980	195.6	198.6	199.3	202.3	201.9	197.8	195.5	184.9	193.0	196.6	197.5	195.0	187.0
1981	192.8	181.8	184.5	187.0	189.0	191.6	194.1	190.1	195.4	199.6	200.8	198.6	189.4
1982		179.0	180.4										

See footnotes at end of tables.

SIC 39—MISCELLANEOUS MANUFACTURING INDUSTRIES (Con.)

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	334.2	336.5	334.1	327.4	330.4	336.3	339.5	322.8	340.6	344.9	348.3	345.9	334.1
1978	344.5	323.5	330.6	337.3	341.0	346.4	352.2	332.7	351.6	358.2	362.9	359.3	337.6
1979	338.8	326.1	331.1	334.2	334.8	337.2	345.1	327.8	347.6	350.7	351.7	346.3	331.4
1980	313.1	319.9	321.2	325.6	325.0	317.0	311.3	296.7	308.9	312.5	311.5	309.8	297.4
1981	304.0	290.2	294.1	297.8	301.4	303.2	307.5	301.1	309.6	316.0	316.0	313.2	298.0
1982		282.9	284.1										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	169.17	159.32	166.53	167.74	166.84	168.39	170.09	166.50	167.91	172.04	172.67	175.72	177.51
1978	181.97	171.75	173.66	179.40	180.18	180.03	181.74	180.10	182.83	185.47	186.12	189.12	191.46
1979	195.16	190.30	191.46	194.04	186.00	192.50	194.11	193.77	195.16	198.35	200.31	202.52	205.60
1980	211.30	206.17	205.50	207.97	206.59	206.66	208.35	206.22	210.60	215.83	216.28	219.35	225.76
1981	231.25	224.27	222.91	227.18	227.74	230.29	230.68	229.85	231.84	234.14	237.77	241.35	242.03
1982		229.46	241.54										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.36	4.26	4.27	4.29	4.30	4.34	4.35	4.37	4.35	4.40	4.41	4.46	4.54
1978	4.69	4.58	4.57	4.60	4.62	4.64	4.66	4.69	4.70	4.73	4.76	4.80	4.86
1979	5.03	4.93	4.96	4.95	4.96	5.00	4.99	5.02	5.03	5.06	5.11	5.14	5.21
1980	5.46	5.30	5.31	5.36	5.38	5.41	5.44	5.47	5.47	5.52	5.56	5.61	5.73
1981	5.96	5.81	5.82	5.84	5.90	5.92	5.92	5.97	5.96	6.05	6.05	6.11	6.19
1982		6.27	6.29										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	38.6	37.4	39.0	39.1	38.8	38.8	39.1	38.1	38.6	39.1	39.2	39.4	39.1
1978	38.8	37.5	38.0	39.0	39.0	38.8	39.0	38.4	38.9	39.2	39.1	39.4	39.4
1979	38.8	38.6	38.6	39.2	37.5	38.5	38.9	38.5	38.8	39.2	39.2	39.4	39.5
1980	38.7	38.9	38.7	38.8	38.4	38.2	38.3	37.7	38.5	39.1	38.9	39.1	39.4
1981	38.8	38.6	38.1	38.9	38.6	38.9	39.0	38.5	38.9	38.7	39.3	39.5	39.1
1982		38.6	38.4										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	2.2	1.8	2.1	2.1	2.0	2.1	2.1	1.6	2.1	2.4	2.5	2.7	2.5
1978	2.4	1.9	2.5	2.4	2.3	2.1	2.3	1.9	2.4	2.5	2.8	2.6	2.5
1979	2.2	2.0	2.1	2.3	1.5	2.0	2.0	1.7	2.2	2.6	2.6	2.7	2.4
1980	1.9	2.1	2.0	2.1	1.7	1.5	1.5	1.3	1.7	2.0	2.1	2.3	2.3
1981	1.9	1.8	1.9	1.9	1.6	1.9	1.9	1.5	1.9	2.2	2.2	2.3	2.0
1982		1.8	1.6										

SIC 391—JEWELRY, SILVERWARE, AND PLATED WARE

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	60.3	58.1	58.1	58.2	59.0	59.3	60.0	56.8	59.9	61.3	63.7	64.7	64.0
1978	63.7	62.1	61.7	63.2	63.5	63.9	65.1	58.8	65.0	65.5	65.9	65.8	64.0
1979	60.8	62.4	62.1	60.5	60.3	60.5	60.1	58.4	60.7	61.2	61.8	62.2	60.7
1980	56.4	57.5	55.3	55.5	56.0	54.9	54.6	51.6	56.1	57.3	59.1	59.5	58.9
1981	56.9	55.5	55.3	55.6	56.2	56.2	56.2	53.0	55.4	58.7	60.3	60.8	59.5
1982		57.7	57.6										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	27.2	25.5	25.9	25.8	26.4	26.4	27.7	24.9	26.8	27.6	29.1	30.3	29.6
1978	30.2	28.3	28.1	29.6	29.8	30.1	30.8	27.6	31.1	31.3	32.3	32.2	30.7
1979	28.2	29.8	29.0	28.9	28.0	27.6	27.1	26.3	27.5	28.5	28.8	28.9	27.9
1980	25.9	26.1	24.9	25.8	25.4	25.2	25.2	23.4	25.5	26.6	27.8	28.0	27.4
1981	26.1	25.5	25.3	25.6	25.8	25.8	25.9	24.1	24.9	26.8	27.7	28.1	27.5
1982		25.7	25.7										

SIC 391—JEWELRY, SILVERWARE, AND PLATED WARE (Con.)

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	44.0	42.1	42.3	42.3	42.7	43.2	43.8	40.6	43.7	44.9	46.6	47.8	47.2
1978	46.6	45.5	45.0	46.6	46.6	47.2	48.3	42.4	48.4	48.3	48.8	48.7	46.2
1979	44.2	45.7	44.7	44.0	43.5	44.1	43.8	42.0	44.1	44.6	44.8	45.1	43.5
1980	40.1	40.9	38.9	39.2	39.2	39.0	39.0	36.2	39.9	41.1	42.6	43.0	42.3
1981	40.6	39.2	39.2	39.6	40.1	40.1	40.0	37.7	39.5	42.2	43.4	43.7	42.5
1982		40.4	40.5										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	177.64	159.65	169.94	174.54	171.50	174.09	177.75	171.14	175.38	181.94	188.33	192.98	191.63
1978	183.55	177.19	168.37	181.36	182.88	179.93	179.71	176.43	183.52	187.89	191.69	197.69	195.82
1979	196.84	187.79	186.12	193.42	186.35	192.75	196.84	189.37	196.42	203.56	206.90	210.21	210.45
1980	210.03	206.50	210.37	214.14	216.22	216.95	214.68	217.36	217.73	224.07	229.32	231.66	235.95
1981	247.56	229.77	234.12	239.02	239.27	239.91	243.71	241.16	248.06	252.59	262.02	268.52	262.25
1982		238.88	251.63										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.52	4.35	4.38	4.43	4.42	4.51	4.50	4.48	4.52	4.56	4.65	4.65	4.72
1978	4.79	4.71	4.59	4.76	4.75	4.76	4.68	4.73	4.73	4.83	4.89	4.93	4.97
1979	5.19	4.97	4.99	5.05	5.05	5.14	5.18	5.16	5.21	5.29	5.36	5.39	5.41
1980	5.56	5.41	5.58	5.68	5.72	5.77	5.72	5.74	5.82	5.68	5.94	6.05	6.09
1981	6.43	6.16	6.26	6.29	6.33	6.33	6.35	6.38	6.46	6.51	6.60	6.63	6.69
1982		6.42	6.71										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	39.3	37.4	38.4	39.4	38.6	39.5	39.2	38.6	38.9	39.9	40.5	41.5	40.6
1978	39.4	38.8	37.8	38.4	37.8	38.4	37.3	38.6	38.9	39.2	39.7	40.1	39.4
1979	38.6	38.8	38.1	38.1	38.1	37.5	37.8	37.7	37.7	38.1	38.2	38.7	38.5
1980	37.4	37.8	37.1	37.6	37.6	37.6	36.7	37.3	37.7	37.8	38.1	38.5	38.6
1981	37.8	37.4	37.4	37.6	37.7	37.8	37.8	37.4	37.8	38.4	38.8	38.8	38.5
1982		37.4	37.1										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	2.3	2.4	2.6	2.7	2.4	2.6	2.8	2.5	2.4	3.2	3.6	4.6	4.1
1978	3.1	3.1	2.8	3.0	2.9	3.0	2.7	3.1	3.0	3.4	3.9	4.1	3.8
1979	3.1	3.2	3.0	3.0	2.9	3.0	3.0	3.0	3.0	3.3	3.4	3.8	3.6
1980	2.7	2.8	2.7	2.8	2.8	2.8	2.7	2.8	2.8	2.8	3.0	3.3	3.2
1981	3.0	2.9	2.9	3.0	3.0	3.0	3.0	2.9	3.0	3.1	3.3	3.3	3.1
1982		2.9	2.8										

SIC 3911—JEWELRY, PRECIOUS METAL

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	39.3	37.4	37.4	37.6	38.5	38.5	38.5	37.6	38.9	40.1	41.0	42.0	42.6
1978	42.1	40.6	40.1	41.0	42.1	42.2	42.5	43.4	39.5	43.0	43.3	43.6	42.1
1979	40.0	40.6	40.1	39.5	39.1	39.6	39.6	38.1	39.6	40.3	41.0	41.5	40.1
1980	37.0	37.6	36.4	36.1	36.6	36.6	35.5	34.8	36.5	36.1	36.8	39.5	40.3
1981	37.3	36.4	36.4	36.1	37.1	37.1	37.1	34.8	35.5	36.4	39.5	40.3	
1982		37.3	37.1										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	28.1	26.7	26.8	26.8	27.3	27.5	27.7	26.1	27.8	28.7	30.0	31.0	30.7
1978	30.4	29.1	28.7	29.7	30.3	30.6	31.4	29.1	32.0	31.4	31.5	31.7	29.5
1979	28.6	29.2	28.7	28.5	28.0	27.6	28.4	27.4	28.1	28.7	29.5	29.9	28.6
1980	26.3	26.9	26.1	25.8	26.0	25.9	25.1	24.3	26.0	25.7	26.2	28.0	28.4
1981	26.9	26.1	26.1	25.9	26.6	26.6	26.6	25.1	25.4	26.0	28.0	28.4	
1982		26.7	26.1										

See footnotes at end of tables

SIC 3911—JEWELRY, PRECIOUS METAL (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	178.03	160.38	169.45	174.15	172.04	173.70	177.30	169.03	174.41	180.58	190.07	196.88	193.66
1978	179.65	179.35	170.66	178.60	180.69	174.74	173.88	169.52	175.66	179.17	184.89	192.94	192.17
1979	189.21	180.81	183.52	183.89	178.42	183.46	187.82	181.71	188.12	195.29	198.45	204.05	207.43
1980	214.13	202.77	208.13	209.44	209.99	209.96	204.57	206.23	210.33	218.28	225.23	227.15	233.75
1981	246.35	227.54	233.95	235.99	234.95	235.59	238.99	235.06	247.03	255.74	265.14	271.75	259.88
1982		238.83	249.61										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.53	4.37	4.39	4.42	4.40	4.50	4.50	4.46	4.53	4.56	4.67	4.71	4.77
1978	4.74	4.77	4.60	4.75	4.73	4.71	4.60	4.67	4.64	4.74	4.84	4.86	4.94
1979	5.10	4.90	4.96	4.93	4.97	5.04	5.09	5.09	5.14	5.18	5.25	5.30	5.38
1980	5.71	5.35	5.55	5.63	5.66	5.69	5.62	5.65	5.70	5.79	5.92	5.95	6.04
1981	6.50	6.20	6.34	6.31	6.35	6.35	6.39	6.44	6.57	6.66	6.73	6.76	6.82
1982		6.69	6.82										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	39.1	36.7	38.6	39.4	39.1	38.6	39.4	37.9	38.5	39.6	40.7	41.8	41.4
1978	37.9	37.6	37.1	37.6	38.2	37.1	37.8	36.3	37.9	37.8	38.1	39.7	38.9
1979	37.1	36.9	37.0	37.3	35.9	36.4	36.9	35.7	36.6	37.7	37.4	38.4	38.7
1980	37.5	37.8	37.5	37.1	37.1	35.9	36.4	36.5	36.9	37.7	38.7	38.1	38.7
1981	37.9	36.7	36.5	37.4	37.0	37.1	37.4	36.5	37.6	38.4	39.4	40.2	39.1
1982		35.7	36.6										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	2.2	2.6	2.6	3.2	2.6	2.8	3.2	2.4	2.5	2.5	2.6	4.2	3.2
1978	2.8	2.5	2.4	3.3	3.0	2.5	3.2	1.3	2.5	2.5	2.6	4.2	3.2
1979	2.6	2.5	2.4	3.3	3.0	2.5	3.2	1.3	2.5	2.5	2.6	4.2	3.2
1980	2.2	2.5	2.4	3.3	3.0	2.5	3.2	1.3	2.5	2.5	2.6	4.2	3.2
1981	2.2	2.5	2.4	3.3	3.0	2.5	3.2	1.3	2.5	2.5	2.6	4.2	3.2
1982		2.5	2.4										

SIC 393—MUSICAL INSTRUMENTS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	23.6	24.1	24.3	24.2	24.2	23.5	23.1	21.6	22.1	23.7	23.4	23.7	23.9
1978	24.5	24.1	24.2	24.5	24.6	24.3	24.1	22.6	23.1	25.4	25.6	25.7	25.2
1979	24.8	25.1	24.3	24.3	24.3	24.3	24.6	23.1	23.9	25.4	24.2	24.3	24.2
1980	23.7	24.1	23.5	23.9	23.9	23.9	23.9	22.1	23.0	24.5	24.2	24.3	24.2
1981	23.9	24.1	23.5	23.9	23.9	23.9	23.9	22.1	23.0	24.5	24.2	24.3	24.2
1982		20.7	20.4										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	10.8	11.1	11.2	11.0	11.0	10.5	10.2	9.9	10.4	11.1	11.1	11.2	11.1
1978	11.7	11.1	11.2	11.3	11.4	11.4	11.2	10.4	11.4	11.8	11.9	12.0	11.7
1979	10.9	11.1	11.2	11.3	11.3	11.3	11.4	10.6	11.0	11.8	11.2	11.3	11.2
1980	10.9	11.1	10.8	11.0	11.0	11.0	11.0	10.2	10.6	11.3	11.2	11.3	11.2
1981	11.1	11.1	10.8	11.0	11.0	11.0	11.0	10.2	10.6	11.3	11.2	11.3	11.2
1982		9.6	9.5										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	19.2	19.6	20.0	19.8	19.6	19.2	18.9	17.4	18.0	19.2	18.9	19.1	19.2
1978	20.4	19.6	19.8	20.0	20.2	20.0	19.8	18.3	18.9	20.8	20.9	21.0	20.6
1979	19.7	20.0	19.8	19.6	19.5	19.7	19.4	18.6	19.2	20.6	19.5	19.6	19.5
1980	17.5	17.8	17.5	17.4	17.5	17.4	17.5	16.8	17.4	17.5	17.4	17.5	17.4
1981	17.5	17.4	17.5	17.4	17.5	17.4	17.5	16.8	17.4	17.5	17.4	17.5	17.4
1982		16.4	16.2										

SIC 393—MUSICAL INSTRUMENTS (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	165.55	155.56	163.21	165.21	161.77	163.35	162.63	161.96	166.80	167.16	169.22	173.32	175.85
1978	174.44	164.59	168.30	174.68	175.38	175.95	178.75	178.20	182.10	183.28	184.61	188.47	189.34
1979	197.61	186.28	185.16	188.25	181.99	190.03	197.20	199.98	204.31	209.10	212.38	212.05	209.06
1980	209.91	204.15	207.22	207.46	206.27	205.67	202.29	200.34	211.80	214.66	216.22	223.36	222.64
1981	225.02	212.77	207.91	219.79	220.79	221.94	220.98	223.67	232.62	232.54	232.76	237.12	238.62
1982		211.90	216.36										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.27	4.01	4.06	4.12	4.18	4.21	4.17	4.05	4.17	4.20	4.22	4.29	4.31
1978	4.53	4.29	4.36	4.40	4.48	4.50	4.48	4.50	4.61	4.64	4.65	4.70	4.71
1979	4.97	4.74	4.76	4.79	4.64	4.86	4.93	4.95	5.02	5.10	5.16	5.21	5.24
1980	5.41	5.20	5.29	5.32	5.33	5.37	5.38	5.40	5.53	5.49	5.53	5.57	5.58
1981	5.86	5.57	5.65	5.65	5.72	5.81	5.80	5.84	5.98	6.04	6.03	6.08	6.15
1982		6.16	6.10										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	39.7	39.6	40.2	40.1	38.7	38.8	39.0	39.6	40.0	39.8	40.1	40.4	40.8
1978	39.4	37.2	38.6	39.7	39.5	39.1	39.9	39.6	39.5	39.5	39.7	40.1	40.2
1979	39.6	39.3	38.9	39.3	37.6	39.1	40.0	40.4	40.7	41.0	41.0	40.7	39.9
1980	38.8	39.3	39.2	39.0	38.7	38.3	37.6	37.1	38.3	39.1	39.1	40.1	39.9
1981	38.4	39.1	38.4	38.9	38.6	38.2	38.1	38.3	38.9	38.5	38.6	39.0	38.8
1982		34.4	39.0										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	1.5	1.4	1.7	1.8	1.4	1.4	1.2	1.0	1.6	1.7	2.0	2.0	2.3
1978	1.9	1.4	2.1	2.2	1.9	1.6	2.1	1.3	2.0	2.2	2.1	2.1	1.9
1979	1.7	1.7	1.8	1.9	1.6	1.3	1.7	1.0	2.2	2.3	2.4	2.2	1.7
1980	1.5	1.5	1.6	1.7	1.2	1.1	.7	.8	1.0	1.2	1.4	1.9	1.5
1981	1.1	.7	.9	1.0	.9	1.0	.8	.6	1.2	1.3	1.6	1.4	1.4
1982		.7	.9										

SIC 394—TOYS AND SPORTING GOODS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	111.4	106.5	111.8	116.7	120.0	123.6	125.3	122.2	128.6	130.6	129.7	104.6	112.3
1978	115.5	109.3	111.7	116.7	120.1	122.9	124.6	123.1	125.2	130.2	131.5	127.7	113.0
1979	123.1	107.0	111.6	115.4	116.7	119.2	124.5	119.8	128.9	131.5	132.7	128.9	117.2
1980	117.1	114.0	116.5	119.1	120.3	119.5	118.6	115.0	118.7	120.5	118.9	116.0	106.4
1981	119.4	105.4	109.4	113.2	116.4	116.4	121.2	120.5	122.8	124.4	123.8	120.8	112.0
1982		104.9	106.9										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	64.1	55.7	59.7	61.7	63.5	66.1	66.7	63.4	69.1	71.0	70.5	66.7	57.5
1978	64.6	55.8	59.4	61.2	63.4	65.1	66.0	65.1	67.7	71.8	72.6	70.0	59.2
1979	64.5	54.7	58.7	60.5	61.6	63.2	66.0	62.8	69.2	71.6	73.3	70.5	61.9
1980	61.9	60.0	62.1	63.1	64.2	64.0	62.8	60.3	62.6	64.1	63.6	60.4	54.3
1981	61.3	54.0	56.6	58.6	60.2	62.1	63.2	63.3	64.4	66.0	65.4	63.5	57.9
1982		53.9	55.2										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	93.1	82.3	86.4	89.5	92.6	96.2	96.9	92.8	99.5	100.9	100.8	95.8	83.7
1978	93.3	83.1	85.4	89.0	92.2	94.7	96.4	95.1	97.1	101.4	103.2	99.8	85.3
1979	93.9	80.2	84.4	87.9	88.8	91.4	96.3	91.8	99.9	102.5	103.7	99.6	88.5
1980	87.5	84.9	87.6	90.4	91.4	89.9	88.3	85.5	89.7	90.7	89.1	86.2	76.7
1981	88.1	76.1	80.5	84.0	86.9	89.2	91.8	91.4	93.5	95.3	94.7	92.4	83.0
1982		76.7	78.7										

See footnotes at end of tables.

SIC 394—TOYS AND SPORTING GOODS (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	152.80	144.97	153.66	153.65	152.47	153.63	154.40	149.17	150.50	153.60	153.62	154.31	156.88
1978	165.64	154.70	161.45	165.68	166.50	166.02	166.71	164.92	164.21	167.52	168.96	168.96	172.93
1979	177.02	173.28	175.34	178.16	171.95	175.18	174.96	169.38	175.87	181.03	180.57	183.28	183.52
1980	193.39	187.50	186.62	190.02	190.86	191.23	193.00	187.37	193.89	199.25	198.90	198.92	204.46
1981	216.61	207.52	207.67	212.22	212.06	216.46	217.40	215.51	216.54	220.74	222.61	224.19	224.43
1982		218.15	231.84										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.00	3.95	3.95	3.96	3.95	3.98	4.00	4.01	3.95	4.00	3.99	4.05	4.17
1978	4.33	4.25	4.26	4.27	4.29	4.29	4.33	4.34	4.31	4.34	4.40	4.40	4.48
1979	4.61	4.56	4.59	4.58	4.61	4.61	4.58	4.54	4.58	4.63	4.63	4.64	4.73
1980	5.01	4.87	4.86	4.91	4.96	4.98	5.00	4.97	5.01	5.07	5.10	5.14	5.27
1981	5.54	5.39	5.38	5.40	5.48	5.48	5.49	5.54	5.51	5.66	5.65	5.69	5.74
1982		5.68	5.96										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	38.2	36.7	38.9	38.6	38.6	38.6	38.6	37.2	38.1	38.4	38.5	38.1	38.1
1978	38.3	36.4	37.9	38.8	39.0	38.7	38.5	38.0	38.1	38.6	38.4	38.4	38.6
1979	38.8	38.0	38.2	38.9	37.3	38.0	38.2	37.3	38.4	39.1	39.0	39.5	38.8
1980	38.5	38.5	38.4	38.7	38.4	38.4	38.6	37.7	38.7	39.1	39.0	38.7	38.8
1981	39.1	38.5	38.6	39.3	38.7	39.5	39.6	38.9	39.3	39.0	39.4	39.4	39.1
1982		37.1	38.9										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	1.7	1.5	1.8	1.8	1.6	1.8	1.7	1.2	1.7	1.9	2.0	1.8	1.8
1978	1.6	1.3	1.9	1.8	1.9	1.6	1.6	1.4	1.8	2.1	2.3	1.8	2.0
1979	1.9	1.7	1.7	2.0	1.2	1.6	1.6	1.4	1.9	2.4	2.6	2.6	2.0
1980	1.5	1.6	1.5	1.6	1.4	1.2	1.3	1.0	1.6	1.7	1.7	1.6	1.7
1981	1.9	1.4	1.6	1.8	1.6	2.1	2.2	1.8	2.1	2.5	2.2	2.0	1.6
1982		1.2	1.5										

SIC 3942,4—DOLLS, GAMES, TOYS, AND CHILDREN'S VEHICLES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	58.0	47.5	50.2	53.5	55.2	58.4	61.4	59.8	66.9	66.7	66.2	60.4	48.3
1978	58.9	46.9	50.7	53.2	56.2	58.3	60.9	59.6	64.5	68.2	69.4	66.3	52.9
1979	59.7	48.2	51.8	53.9	54.8	57.0	61.8	58.4	66.7	69.1	70.8	66.8	56.6
1980	58.5	53.6	55.4	56.5	57.4	59.7	61.4	59.3	63.1	63.4	62.7	58.8	50.2
1981	59.7	50.0	53.6	55.4	57.3	59.5	62.5	63.3	65.9	66.9	65.9	62.6	53.9
1982		48.3	50.3										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	32.6	25.3	28.3	29.6	30.8	32.6	35.1	33.8	38.4	39.4	38.6	34.7	26.0
1978	34.2	25.0	28.1	29.6	32.0	33.4	35.5	34.6	38.3	41.5	42.5	40.1	29.9
1979	34.1	26.2	29.0	30.1	30.6	32.0	35.3	32.9	38.8	40.8	42.3	39.0	31.6
1980	32.7	29.8	31.2	31.3	32.1	33.7	34.8	33.3	35.4	35.9	35.9	32.4	27.1
1981	33.1	27.3	29.8	30.7	31.6	33.3	34.6	35.5	36.4	37.3	36.9	34.6	28.9
1982		26.0	27.1										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	42.9	33.2	37.3	38.7	40.3	43.5	46.3	44.7	51.1	51.0	50.4	44.8	33.2
1978	44.0	32.1	35.9	38.2	41.5	43.3	46.1	45.1	49.6	52.7	54.2	51.3	38.0
1979	44.5	34.2	37.6	39.5	39.9	42.3	46.6	43.5	50.9	53.2	54.9	50.8	40.7
1980	42.4	37.6	39.6	41.0	41.8	43.8	45.1	43.3	47.1	47.1	46.2	42.8	33.7
1981	43.6	34.0	37.6	39.6	41.1	43.5	46.3	47.6	49.7	50.5	49.5	46.7	37.5
1982		32.7	34.7										

SIC 3942,4—DOLLS, GAMES, TOYS, AND CHILDREN'S VEHICLES

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	142.29	137.88	137.45	145.16	144.79	143.63	146.31	139.79	141.75	144.02	142.13	142.09	144.44
1978	156.42	143.45	145.56	156.28	157.35	156.93	164.77	153.74	157.30	159.80	156.02	160.44	160.23
1979	169.96	158.59	162.02	170.88	166.39	166.24	168.42	164.61	167.50	173.44	172.77	173.31	171.83
1980	182.47	180.79	180.30	184.53	185.46	182.77	189.54	180.61	180.50	186.48	185.66	181.69	184.64
1981	202.75	195.42	194.79	199.83	202.54	205.11	205.62	201.40	206.70	204.92	203.70	206.13	199.88

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.82	3.81	3.81	3.87	3.82	3.82	3.82	3.84	3.78	3.78	3.77	3.83	3.89
1978	4.19	4.03	4.04	4.14	4.14	4.14	4.24	4.21	4.24	4.24	4.20	4.19	4.25
1979	4.49	4.44	4.46	4.51	4.45	4.46	4.46	4.44	4.45	4.47	4.43	4.41	4.57
1980	4.84	4.77	4.80	4.88	4.92	4.90	5.00	4.93	4.93	4.93	4.94	4.95	4.95
1981	5.38	5.32	5.32	5.33	5.33	5.36	5.36	5.35	5.35	5.35	5.35	5.35	5.26

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	37.3	36.2	36.1	37.5	37.9	38.3	38.4	36.4	37.5	38.1	37.7	38.1	36.2
1978	37.3	35.6	36.0	37.9	38.0	37.9	38.8	36.5	37.1	37.6	37.2	38.3	37.0
1979	37.8	35.7	36.3	37.9	37.4	37.3	37.7	37.1	37.6	38.8	38.9	39.3	37.4
1980	37.7	37.9	37.5	37.8	37.7	37.2	37.9	36.6	36.6	37.9	37.5	36.7	36.0
1981	37.7	36.7	36.1	37.5	37.4	38.3	38.3	37.3	38.5	38.2	37.9	38.2	38.1

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	1.2	1.0	1.0	1.2	1.4	1.4	1.4	1.2	1.3	1.4	1.3	1.4	1.3
1978	1.3	1.1	1.1	1.3	1.3	1.3	1.4	1.2	1.3	1.3	1.2	1.3	1.2
1979	1.4	1.1	1.2	1.3	1.2	1.2	1.3	1.2	1.3	1.4	1.4	1.4	1.3
1980	1.3	1.3	1.2	1.3	1.3	1.2	1.3	1.2	1.2	1.3	1.3	1.2	1.2
1981	1.4	1.2	1.2	1.3	1.3	1.4	1.4	1.3	1.4	1.4	1.3	1.4	1.4

SIC 3949—SPORTING AND ATHLETIC GOODS, NEC

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	63.2	61.2	61.5	63.2	64.8	65.4	63.8	62.4	61.9	62.9	62.5	64.2	64.0
1978	63.1	62.4	62.9	63.1	63.8	64.1	62.9	63.5	60.7	62.0	62.1	63.1	62.1
1979	62.1	60.4	60.8	62.1	62.1	62.1	62.1	61.4	62.2	62.4	61.9	62.1	60.6
1980	57.7	56.8	56.4	56.2	57.9	58.5	58.7	57.2	56.5	57.1	56.2	57.1	56.2
1981	58.1	57.1	56.5	56.8	57.9	58.5	58.7	57.2	56.5	57.5	57.9	58.2	58.1

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	31.5	30.4	31.4	31.9	32.7	33.0	31.6	29.6	30.7	31.6	31.7	32.0	31.5
1978	31.5	30.6	31.0	31.5	31.8	32.1	30.7	30.6	29.4	30.3	30.1	29.9	29.3
1979	30.4	29.4	29.8	30.4	30.4	30.4	30.4	29.8	30.4	30.8	31.0	31.5	30.3
1980	28.3	28.0	27.7	28.1	28.4	28.4	28.4	27.5	27.2	28.7	27.3	28.0	27.2
1981	29.0	28.5	28.3	28.8	29.1	29.3	29.3	27.8	28.0	28.7	28.5	29.0	29.0

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	50.1	49.1	49.5	50.4	52.1	52.7	50.6	49.1	48.4	49.6	50.0	50.6	50.5
1978	49.3	48.1	48.7	49.5	50.1	51.4	50.3	50.0	47.5	48.7	49.0	48.5	47.3
1979	47.4	46.0	46.6	47.8	48.0	48.1	48.7	48.0	48.0	48.3	48.8	49.2	47.8
1980	45.1	47.1	46.8	47.1	46.4	46.1	46.7	46.0	42.6	43.6	42.9	43.8	43.0
1981	44.6	43.2	43.1	44.0	45.0	46.1	45.2	43.9	43.6	44.6	45.2	45.7	45.5

SIC 395—PENS, PENCILS, OFFICE AND ART SUPPLIES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	35.3	33.5	34.1	34.3	34.5	34.9	35.4	35.4					
1978	36.9	36.2	36.5	36.8	36.9	36.4	37.2	36.4					
1979	38.2	37.6	37.8	38.1	38.1	38.4	38.5	38.3					
1980	37.4	38.1	38.1	38.1	38.1	38.4	38.5	38.3					
1981	37.2	36.6	36.6	36.8	36.9	36.8	37.3	37.2					

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	18.7	17.5	18.1	18.1	18.1	18.5	18.5	18.4					
1978	20.1	19.4	19.7	19.9	19.9	19.8	20.1	19.8					
1979	20.9	20.5	20.5	20.8	20.8	20.8	20.9	20.8					
1980	20.3	20.9	21.1	21.0	21.0	20.8	20.9	20.8					
1981	20.2	19.7	19.6	19.7	19.8	19.8	20.0	20.1					

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	25.3	23.9	24.1	24.5	24.7	25.1	25.5	25.4					
1978	25.6	25.8	26.1	26.4	26.6	26.5	27.1	26.3					
1979	27.5	27.1	27.2	27.5	27.6	27.5	27.8	27.6					
1980	26.5	27.1	27.2	27.5	27.4	27.3	27.5	27.4					
1981	26.4	25.9	25.8	25.9	26.0	26.0	26.5	26.4					

See footnotes at end of tables.

SIC 395—PENS, PENCILS, OFFICE AND ART SUPPLIES (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	177.24	168.09	171.63	173.66	172.77	176.04	175.16	170.77	177.68	177.91	180.95	186.91	192.61
1978	196.58	185.26	185.60	188.03	191.09	196.02	199.75	198.29	200.16	199.84	199.35	205.26	209.48
1979	211.02	203.09	205.49	206.76	197.12	207.60	209.61	209.90	214.61	216.94	218.36	219.12	224.17
1980	224.10	221.54	219.09	223.26	219.85	219.85	226.55	222.05	219.29	228.02	223.11	231.90	238.79
1981	242.20	229.62	235.82	234.63	234.83	239.60	242.61	243.58	248.47	241.70	246.98	256.85	258.71
1982		251.58	259.50										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.42	4.31	4.26	4.32	4.33	4.39	4.39	4.39	4.42	4.47	4.49	4.57	4.63
1978	4.83	4.62	4.64	4.62	4.73	4.84	4.86	4.86	4.93	4.91	4.91	4.97	5.06
1979	5.20	5.09	5.15	5.08	5.12	5.19	5.15	5.17	5.26	5.24	5.30	5.28	5.35
1980	5.56	5.47	5.45	5.54	5.51	5.51	5.58	5.65	5.58	5.63	5.62	5.57	5.61
1981	6.08	5.92	5.94	5.94	5.93	6.02	6.05	6.12	6.12	6.15	6.19	6.28	6.31
1982		6.47	6.52										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	40.1	39.0	40.1	40.2	39.9	40.1	39.9	38.9	40.2	39.8	40.3	40.9	41.6
1978	40.7	40.1	40.0	40.7	40.4	40.5	41.1	40.8	40.6	40.7	40.6	41.3	41.4
1979	40.6	39.9	39.9	40.7	38.5	40.0	40.7	40.6	40.8	41.4	41.2	41.5	41.9
1980	40.2	40.5	40.2	40.3	39.9	39.9	40.6	39.3	39.3	40.5	39.7	40.9	41.1
1981	40.0	39.8	39.7	39.5	39.6	39.8	40.1	39.8	40.6	39.3	39.9	40.9	41.0
1982		38.9	39.5										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	2.5	2.3	2.3	2.4	2.0	2.3	2.2	2.0	2.5	2.6	2.6	3.3	3.4
1978	3.7	3.4	3.7	3.0	2.6	2.3	2.7	2.6	2.8	2.8	2.7	3.1	3.0
1979	3.7	3.0	3.3	2.7	1.6	2.7	2.8	2.9	3.2	3.5	2.9	2.9	2.6
1980	3.3	3.1	2.4	2.6	2.0	1.9	2.3	2.3	2.3	2.8	2.5	2.8	3.0
1981	2.1	2.3	2.2	2.4	1.7	1.9	2.3	2.0	2.4	1.8	1.9	2.3	2.1
1982		1.9	1.8										

SIC 396—COSTUME JEWELRY AND NOTIONS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	61.2	62.6	63.1	62.3	60.8	61.2	60.9	55.5	59.6	59.9	61.2	63.4	64.0
1978	62.7	60.0	62.1	63.0	62.1	63.2	63.0	54.6	62.6	64.3	66.4	66.9	64.4
1979	58.3	60.8	60.5	60.8	59.7	59.3	60.4	52.0	58.4	57.8	57.2	57.0	55.1
1980	51.3	53.0	53.2	53.9	53.5	52.1	51.5	45.9	49.1	50.1	50.6	51.4	49.4
1981	46.3	47.0	46.4	46.3	46.5	46.4	47.0	43.1	46.6	46.6	47.0	47.4	45.6
1982		42.2	42.2										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	34.8	35.4	36.0	35.3	34.2	34.6	34.3	31.1	33.6	33.8	35.3	36.8	37.2
1978	36.4	34.1	35.5	36.3	35.7	36.2	36.8	31.2	36.0	38.0	39.2	39.3	38.1
1979	34.1	35.5	35.4	35.8	35.5	34.9	36.1	30.6	33.3	33.6	33.3	33.4	32.2
1980	29.6	30.9	30.8	31.5	31.0	30.3	29.9	25.9	28.2	28.9	29.4	29.8	28.4
1981	26.6	26.8	26.5	26.5	26.5	26.8	26.9	24.7	26.8	27.0	27.4	27.6	26.1
1982		23.6	23.6										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	49.5	50.6	51.3	50.4	48.9	49.3	49.4	44.3	48.2	48.3	49.6	51.7	52.1
1978	50.7	48.1	50.0	50.5	50.0	51.0	50.9	43.5	50.5	52.2	53.9	54.8	52.4
1979	46.6	49.0	48.5	49.0	48.0	47.5	48.8	41.4	47.0	46.5	46.0	45.7	44.3
1980	40.6	42.2	42.1	43.1	42.8	41.5	41.1	35.8	38.9	40.0	40.2	41.0	39.0
1981	35.7	36.8	36.0	35.9	35.9	35.7	36.0	32.6	35.7	35.7	36.1	36.4	35.0
1982		32.0	31.8										

See footnotes at end of tables.

SIC 396—COSTUME JEWELRY AND NOTIONS (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	142.88	130.68	141.71	139.47	142.13	141.00	145.16	138.75	141.71	147.42	147.05	149.77	148.14
1978	152.28	144.47	148.43	151.20	151.60	151.53	150.40	146.77	155.01	156.21	155.74	155.45	154.88
1979	162.86	158.76	159.94	161.93	156.22	163.78	163.54	165.59	158.98	163.88	164.49	167.08	173.12
1980	176.98	172.56	175.10	177.09	171.59	175.13	176.34	175.58	181.07	182.96	183.74	185.96	193.06
1981	197.89	193.03	192.77	198.00	191.89	197.37	198.39	192.51	195.83	201.88	202.79	208.68	202.92
1982		194.04	205.59										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.79	3.63	3.70	3.68	3.75	3.74	3.79	3.75	3.83	3.90	3.88	3.89	3.94
1978	4.05	3.98	3.99	4.00	4.00	4.03	4.00	4.01	4.09	4.10	4.12	4.08	4.13
1979	4.32	4.20	4.22	4.25	4.28	4.31	4.27	4.29	4.32	4.37	4.41	4.42	4.52
1980	4.71	4.59	4.62	4.66	4.65	4.67	4.69	4.72	4.74	4.74	4.76	4.83	4.90
1981	5.14	5.04	5.02	5.09	5.09	5.10	5.10	5.12	5.14	5.23	5.16	5.23	5.34
1982		5.42	5.34										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	37.7	35.0	38.3	37.9	37.9	37.7	38.3	37.0	37.0	37.8	37.9	38.5	37.6
1978	37.5	35.3	37.2	37.8	37.9	37.6	37.6	36.6	37.9	38.1	37.8	38.1	37.5
1979	37.7	37.8	37.9	38.1	36.5	38.0	38.2	38.6	36.8	37.5	37.3	37.8	38.3
1980	38.0	37.6	37.9	38.0	36.9	37.5	37.6	37.2	38.2	38.6	38.6	38.5	39.4
1981	38.5	38.3	38.4	38.9	37.7	38.7	38.9	37.6	38.1	38.6	39.3	39.9	38.0
1982		35.8	38.5										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	2.1	1.7	2.5	2.0	1.8	2.1	2.0	1.1	1.6	2.1	2.5	3.0	2.6
1978	2.5	2.2	3.2	2.6	2.4	2.5	2.5	1.8	2.4	2.7	3.1	2.7	2.3
1979	2.0	2.0	2.0	2.2	1.6	2.0	1.6	1.4	1.9	2.0	2.2	2.4	2.5
1980	2.1	2.4	2.4	2.3	1.8	1.8	1.7	1.1	1.7	2.0	2.1	2.6	2.7
1981	2.1	2.0	1.8	2.1	1.7	2.0	2.1	1.0	1.8	2.1	2.3	3.3	2.4
1982		1.6	2.4										

SIC 3961—COSTUME JEWELRY

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	32.8	35.2	35.0	33.8	31.7	32.1	32.2	27.7	31.4	31.8	32.9	34.8	35.5
1978	34.6	32.1	34.0	34.7	34.0	35.2	35.2	28.6	34.6	35.9	37.4	37.5	36.2
1979	31.1	33.3	32.9	33.2	32.2	32.0	33.1	25.7	31.5	30.7	30.3	30.0	28.5
1980	25.2	26.5	26.1	26.5	25.7	24.6	24.8	20.7	23.7	24.7	25.8	27.1	26.1
1981	24.0	24.7	24.0	23.5	23.5	23.5	23.9	21.3	24.2	24.0	24.9	25.7	24.5
1982		22.0	22.3										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	27.1	29.2	29.2	27.9	25.9	26.3	26.8	22.7	25.9	26.1	27.1	28.7	29.3
1978	28.3	26.0	27.7	28.1	27.7	28.8	28.7	22.9	28.1	29.5	30.6	31.2	29.9
1979	25.2	27.1	26.7	27.0	26.1	25.9	26.9	20.4	25.6	24.9	24.4	24.0	22.8
1980	19.8	21.0	20.4	20.9	20.2	19.2	19.5	15.6	18.5	19.5	20.4	21.6	20.6
1981	18.5	19.4	18.5	17.9	17.9	17.9	18.3	16.3	18.8	18.7	19.4	20.1	19.1
1982		16.9	17.0										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	129.94	116.62	127.75	125.60	126.38	126.70	130.24	126.69	130.68	137.27	137.26	139.43	137.27
1978	140.21	129.87	139.88	138.01	140.25	140.61	139.48	137.62	145.08	145.47	144.20	140.59	138.52
1979	149.74	146.43	146.77	148.27	144.89	151.25	149.48	154.16	147.65	153.22	150.79	152.40	152.82
1980	165.84	154.15	157.76	164.65	159.12	162.58	167.10	170.37	168.14	169.27	168.97	173.50	177.56
1981	181.34	178.40	177.38	180.96	175.28	179.73	181.74	177.14	180.42	188.82	184.99	193.03	179.71
1982		181.36	195.32										

SIC 3961—COSTUME JEWELRY (Con.)

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.56	3.40	3.50	3.46	3.54	3.50	3.52	3.49	3.61	3.69	3.67	3.65	3.70
1978	3.81	3.70	3.74	3.72	3.75	3.79	3.76	3.79	3.90	3.90	3.94	3.91	3.98
1979	4.08	3.99	4.01	4.04	4.07	4.11	4.04	4.10	4.09	4.13	4.10	4.13	4.21
1980	4.47	4.27	4.37	4.45	4.42	4.43	4.46	4.46	4.52	4.49	4.53	4.59	4.60
1981	4.81	4.77	4.73	4.80	4.75	4.78	4.77	4.84	4.85	4.93	4.78	4.85	4.91
1982		5.01	4.97										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	36.5	34.3	36.5	36.3	35.7	36.2	37.0	36.3	36.7	37.2	37.4	38.2	37.1
1978	36.8	35.1	37.4	37.1	37.4	37.1	36.9	36.6	37.2	37.3	36.6	36.9	35.7
1979	36.7	36.7	36.6	36.7	35.6	36.8	37.0	37.6	36.7	37.1	36.9	36.9	36.3
1980	37.1	36.1	36.1	37.0	36.0	36.7	37.3	38.2	37.3	37.7	37.3	37.4	36.5
1981	37.7	37.4	37.5	37.7	36.9	37.6	38.1	38.6	37.2	38.2	38.7	39.4	38.6
1982		36.2	39.3										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	2.0	1.3	2.2	1.6	2.5	2.1	2.7	1.5	2.8	2.1	2.7	3.2	2.5
1978	2.4	1.9	3.3	2.5	2.5	2.7	2.4	2.5	2.7	2.6	2.4	3.1	2.0
1979	2.6	2.5	2.6	2.7	2.4	2.7	2.7	3.1	2.6	3.1	2.6	3.4	2.9
1980	3.0	2.3	2.6	3.1	2.7	2.7	3.3	4.1	3.3	3.4	3.1	3.5	2.9
1981	3.2	3.2	3.2	3.2	2.7	3.2	3.4	4.1	3.2	3.7	3.5	4.1	3.2
1982		3.2	3.3										

SIC 399—MISCELLANEOUS MANUFACTURES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	136.6	131.4	132.9	134.0	134.7	136.3	138.9	139.2	139.6	139.4	140.2	139.2	138.9
1978	141.6	137.3	138.5	139.6	139.5	140.7	143.9	141.4	141.9	144.3	143.4	144.3	142.4
1979	142.3	141.3	142.6	141.7	141.5	141.4	143.4	141.0	141.5	143.3	143.6	143.0	141.6
1980	134.5	136.2	136.8	140.1	138.7	135.7	133.9	130.9	132.6	132.8	131.1	129.8	129.3
1981	131.5	129.6	129.4	129.1	126.2	130.0	131.6	131.4	132.4	135.2	134.5	134.0	131.3
1982		127.9	127.5										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	47.5	45.2	46.1	46.6	46.9	47.3	48.6	48.0	47.6	48.3	49.1	48.5	48.1
1978	50.4	47.5	48.6	49.4	49.3	49.7	51.4	50.2	51.6	52.0	52.4	51.7	50.6
1979	52.0	49.8	50.4	50.7	50.2	52.0	53.0	51.6	53.5	53.1	53.4	53.0	52.1
1980	48.6	50.4	50.3	51.0	50.3	48.5	48.5	46.7	48.0	48.2	47.8	47.0	46.5
1981	47.8	45.8	46.7	46.7	46.6	47.0	47.9	47.7	49.0	49.5	49.8	49.2	47.9
1982		46.6	47.0										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	103.2	97.6	99.6	100.9	101.7	103.3	105.0	102.3	104.8	105.6	106.4	105.5	105.6
1978	106.7	103.5	104.4	105.4	105.3	106.2	108.6	106.2	108.8	108.6	109.3	107.9	106.1
1979	107.7	104.5	106.4	105.6	107.0	107.0	108.9	106.5	109.6	109.7	109.7	108.6	107.8
1980	100.7	105.3	106.0	106.4	105.4	102.7	100.2	97.2	98.6	98.4	97.2	96.0	95.3
1981	95.8	94.6	95.3	95.0	95.0	94.6	95.6	95.2	96.5	98.7	97.6	97.0	94.5
1982		91.7	91.3										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	192.57	185.96	188.46	190.79	188.46	192.76	193.34	190.90	191.59	195.62	195.62	197.90	197.57
1978	206.59	193.67	195.71	202.36	202.40	203.43	207.35	205.41	208.43	211.47	212.80	216.40	218.69
1979	220.25	216.31	217.33	220.80	208.41	217.01	218.67	221.20	220.97	221.03	223.79	225.73	230.17
1980	232.20	229.31	226.98	228.74	228.53	225.93	228.44	226.50	232.54	237.59	237.39	243.04	248.69
1981	249.36	246.48	243.32	245.36	246.45	250.13	248.97	248.30	249.23	249.06	252.65	253.22	258.57
1982		244.19	254.13										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.90	4.83	4.82	4.83	4.82	4.88	4.87	4.92	4.89	4.94	4.94	5.01	5.0
1978	5.23	5.07	5.11	5.17	5.15	5.15	5.21	5.24	5.25	5.30	5.32	5.42	5.4
1979	5.59	5.49	5.53	5.52	5.47	5.55	5.55	5.60	5.58	5.61	5.68	5.74	5.7
1980	6.00	5.82	5.82	5.85	5.89	5.93	5.98	6.04	6.04	6.11	6.15	6.20	6.1
1981	6.46	6.32	6.32	6.34	6.42	6.46	6.45	6.50	6.44	6.52	6.50	6.56	6.5
1982		6.69	6.67										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	39.2	38.5	39.1	39.5	39.1	39.5	39.7	38.8	39.2	39.5	39.6	39.5	39.1
1978	39.5	38.2	38.3	39.6	39.3	39.5	39.8	39.2	39.7	39.5	40.0	40.1	39.2
1979	39.4	39.4	39.3	40.0	38.1	39.1	39.4	39.5	39.6	39.4	39.4	39.5	39.1
1980	38.7	39.4	39.0	39.1	38.8	38.1	38.2	37.5	38.5	38.9	38.6	38.2	38.1
1981	38.6	39.0	38.5	38.7	38.7	38.6	38.6	38.2	38.7	39.2	38.9	38.6	38.2
1982		36.5	38.1										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	2.3	1.9	2.2	2.2	2.4	2.2	2.3	2.2	2.5	2.7	2.6	2.6	2.2
1978	2.6	2.1	2.6	2.6	2.3	2.3	2.6	2.4	2.6	2.6	3.0	3.0	2.4
1979	2.5	2.3	2.6	2.7	1.7	2.2	2.4	2.2	2.5	2.4	2.6	2.6	2.3
1980	2.0	2.1	2.1	2.2	1.9	1.6	1.5	1.5	1.5	1.6	1.6	1.6	1.5
1981	1.9	1.9	2.0	1.9	1.7	2.0	1.7	1.8	1.9	2.1	2.0	2.1	1.9
1982		1.8	1.6										

SIC 3993—SIGNS AND ADVERTISING DISPLAYS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	45.5	43.4	43.2	43.5	43.6	44.1	45.2	45.6	47.2	47.6	47.7	47.1	47.6
1978	47.2	46.9	46.4	46.1	46.5	46.5	47.7	47.1	47.8	48.2	48.1	48.2	47.6
1979	46.6	47.4	48.2	47.6	48.1	48.2	49.1	48.6	49.1	49.3	49.5	49.4	48.7
1980	47.1	48.6	48.1	48.3	47.9	47.3	47.1	45.4	46.5	46.2	46.3	46.2	46.1
1981	46.7	46.1	46.8	46.3	46.0	46.4	46.6	46.0	46.8	47.3	47.3	47.8	46.9
1982		46.0	46.0										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	32.5	30.9	30.7	30.9	31.2	31.4	32.3	32.4	33.8	34.2	34.1	33.7	34.1
1978	34.1	33.5	33.3	33.0	33.5	33.6	34.6	34.1	34.5	34.7	34.6	34.7	34.2
1979	35.3	34.2	34.2	34.3	34.9	34.8	35.6	35.2	36.0	36.3	36.2	35.5	36.0
1980	34.0	35.5	34.7	34.9	34.7	34.2	33.8	33.4	33.5	33.5	33.5	33.3	33.4
1981	33.8	33.3	34.0	33.6	33.2	33.5	33.6	33.1	34.1	34.2	34.3	34.3	33.9
1982		33.1	32.8										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	205.25	193.36	198.88	200.06	198.28	206.58	209.35	205.90	205.80	208.01	210.36	214.88	211.75
1978	214.27	198.89	204.50	208.65	210.45	210.26	211.43	211.07	217.09	218.61	220.81	226.03	224.64
1979	230.50	226.56	225.42	231.20	222.92	227.76	226.39	229.32	230.88	230.08	234.21	239.37	236.14
1980	247.94	236.78	238.61	243.71	246.91	246.13	246.35	240.31	244.22	255.64	251.90	256.63	257.47
1981	267.80	261.12	257.94	260.94	267.84	266.34	267.80	264.34	267.42	273.86	275.19	275.42	278.85
1982		261.00	278.02										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.29	5.17	5.22	5.21	5.15	5.27	5.26	5.39	5.25	5.32	5.38	5.44	5.35
1978	5.48	5.39	5.41	5.35	5.41	5.35	5.38	5.44	5.51	5.56	5.55	5.67	5.57
1979	5.88	5.78	5.78	5.78	5.79	5.84	5.79	5.88	5.92	5.93	5.99	6.06	6.03
1980	6.44	6.15	6.23	6.33	6.38	6.46	6.50	6.46	6.41	6.56	6.56	6.53	6.57
1981	6.92	6.73	6.77	6.76	6.85	6.90	6.92	6.92	6.91	7.04	7.02	7.08	7.11
1982		7.23	7.24										

See footnotes at end of tables

SIC 3993—SIGNS AND ADVERTISING DISPLAYS (Con.)

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	38.4	37.4	38.1	38.4	38.5	39.2	39.8	38.2	39.2	39.1	39.1	39.5	39.2
1978	39.1	38.0	37.8	39.0	38.9	39.3	39.3	38.8	39.4	39.3	39.5	39.9	40.5
1979	39.2	39.2	39.0	40.0	38.5	39.0	39.1	39.0	39.0	38.8	39.1	39.5	40.6
1980	38.5	38.5	38.3	38.5	38.7	38.1	37.9	37.2	38.1	39.0	38.4	39.3	40.1
1981	38.7	38.8	38.1	38.6	39.1	38.6	38.7	38.2	38.7	38.9	39.2	38.9	39.0
1982		38.1	38.4										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	2.4	2.7	1.8	2.1	2.2	2.5	2.8	2.3	2.5	2.7	2.8	2.8	2.6
1978	2.8	1.9	3.0	2.1	2.1	2.2	2.2	2.2	2.5	2.4	2.8	2.7	2.8
1979	2.5	2.4	2.4	2.7	1.9	2.4	2.4	2.2	2.5	2.8	2.8	2.8	3.3
1980	2.1	2.1	2.1	2.3	2.1	1.9	1.9	1.8	2.2	2.7	2.3	2.5	3.2
1981	2.4	2.6	2.6	2.8	2.4	2.4	1.8	2.1	2.3	2.6	2.5	2.2	2.4
1982		1.5	2.0										

SIC 20-23,26-31—NONDURABLE GOODS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	8.066	7.855	7.891	7.931	7.974	8.028	8.168	8.073	8.260	8.285	8.223	8.190	8.148
1978	8.231	8.061	8.081	8.130	8.142	8.177	8.307	8.188	8.369	8.382	8.326	8.322	8.288
1979	8.282	8.204	8.199	8.227	8.216	8.247	8.359	8.250	8.402	8.390	8.351	8.289	8.229
1980	8.098	8.151	8.102	8.113	8.085	8.065	8.096	7.942	8.169	8.184	8.133	8.093	8.043
1981	8.056	7.951	7.966	7.980	7.994	8.042	8.128	8.067	8.206	8.227	8.127	8.046	7.943
1982		7.796	7.765										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	3.209	3.094	3.138	3.163	3.177	3.200	3.259	3.186	3.305	3.340	3.319	3.306	3.266
1978	3.337	3.219	3.245	3.279	3.289	3.309	3.368	3.280	3.410	3.439	3.420	3.412	3.375
1979	3.374	3.331	3.329	3.348	3.341	3.360	3.410	3.329	3.433	3.439	3.429	3.394	3.348
1980	3.304	3.306	3.320	3.333	3.310	3.290	3.300	3.203	3.347	3.363	3.333	3.310	3.276
1981	3.303	3.229	3.243	3.259	3.270	3.292	3.333	3.287	3.384	3.402	3.362	3.319	3.256
1982		3.170	3.182										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	5.808	5.636	5.670	5.710	5.745	5.788	5.902	5.797	5.976	6.004	5.939	5.906	5.864
1978	5.926	5.765	5.806	5.849	5.858	5.888	5.994	5.871	6.045	6.068	6.011	6.003	5.970
1979	5.958	5.896	5.893	5.915	5.902	5.934	6.023	5.914	6.061	6.066	6.024	5.963	5.905
1980	5.772	5.831	5.785	5.792	5.767	5.737	5.756	5.604	5.837	5.861	5.809	5.770	5.720
1981	5.721	5.637	5.655	5.665	5.675	5.715	5.781	5.713	5.851	5.881	5.782	5.699	5.593
1982		5.461	5.463										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	201.33	190.65	194.43	195.71	196.28	197.68	201.39	202.00	203.54	206.32	206.32	208.03	211.47
1978	217.88	205.90	208.59	212.76	213.55	214.19	217.01	219.46	220.18	223.51	223.18	226.29	229.43
1979	236.19	226.22	226.40	229.91	225.38	231.47	234.04	237.37	238.37	242.35	242.31	246.31	250.17
1980	255.45	245.70	244.58	246.48	246.91	249.87	252.20	254.49	258.96	262.36	262.53	268.31	273.82
1981	280.74	272.83	271.13	273.70	275.02	279.74	281.64	282.30	284.86	287.78	286.60	288.56	291.65
1982		277.65	291.04										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	5.11	4.97	4.96	4.98	5.02	5.03	5.06	5.14	5.14	5.21	5.21	5.24	5.30
1978	5.53	5.39	5.39	5.40	5.42	5.45	5.48	5.57	5.56	5.63	5.65	5.70	5.75
1979	6.01	5.81	5.82	5.85	5.90	5.92	5.94	6.04	6.05	6.12	6.15	6.22	6.27
1980	6.55	6.30	6.29	6.32	6.38	6.44	6.50	6.61	6.64	6.71	6.74	6.81	6.88
1981	7.18	6.96	6.97	7.00	7.07	7.10	7.13	7.22	7.23	7.36	7.33	7.38	7.44
1982		7.67	7.54										

See footnotes at end of tables.

SIC 20-23,26-31—NONDURABLE GOODS (Con.)

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	39.4	38.4	39.2	39.3	39.1	39.3	39.8	39.3	39.6	39.6	39.6	39.7	39.9
1978	39.4	38.2	38.7	39.4	39.4	39.3	39.6	39.4	39.6	39.7	39.5	39.7	39.9
1979	39.3	38.9	38.9	39.3	39.2	39.1	39.4	39.3	39.4	39.6	39.4	39.6	39.9
1980	39.0	39.0	38.9	39.0	38.7	38.8	38.8	38.5	39.0	39.1	39.1	39.4	39.8
1981	39.1	39.2	38.9	39.1	38.9	39.4	39.5	39.1	39.4	39.1	39.1	39.1	39.2
1982		39.2	38.6										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	3.2	2.9	2.9	3.0	3.0	3.1	3.2	3.1	3.3	3.5	3.3	3.3	3.3
1978	3.2	3.0	3.1	3.1	3.1	3.1	3.2	3.2	3.4	3.6	3.4	3.3	3.3
1979	3.1	3.0	3.0	3.1	2.5	2.9	3.0	3.0	3.2	3.4	3.2	3.2	3.2
1980	2.8	2.9	2.7	2.9	2.7	2.5	2.5	2.5	2.9	3.1	2.9	3.0	3.1
1981	2.8	2.9	2.8	2.7	2.6	2.9	2.9	2.8	3.0	3.1	2.9	2.8	2.7
1982		2.4	2.5										

SIC 20—FOOD AND KINDRED PRODUCTS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	1,711.0	1,637.8	1,632.1	1,637.7	1,645.0	1,658.3	1,717.3	1,746.9	1,828.6	1,839.7	1,764.8	1,725.4	1,698.3
1978	1,724.1	1,665.0	1,654.5	1,668.2	1,663.7	1,669.0	1,722.3	1,749.1	1,823.3	1,829.8	1,773.5	1,746.4	1,723.9
1979	1,732.5	1,685.2	1,666.2	1,676.2	1,667.1	1,681.4	1,730.9	1,754.4	1,834.7	1,841.6	1,790.2	1,745.7	1,716.6
1980	1,708.0	1,671.6	1,657.4	1,655.2	1,639.0	1,652.6	1,692.5	1,728.3	1,824.7	1,819.6	1,760.7	1,713.0	1,681.6
1981	1,674.3	1,637.9	1,631.0	1,623.4	1,621.4	1,638.4	1,663.9	1,703.0	1,759.6	1,763.2	1,719.4	1,680.8	1,649.1
1982		1,605.0	1,604.7										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	478.5	435.6	437.4	446.3	449.2	450.3	472.6	488.1	533.9	548.2	511.0	493.3	476.6
1978	495.6	458.7	456.8	464.8	461.4	463.7	487.5	504.4	546.6	558.9	529.0	515.6	500.1
1979	511.1	481.7	472.7	480.7	475.5	483.8	506.8	518.1	565.3	572.0	547.8	523.4	505.8
1980	508.5	484.2	480.0	481.0	473.8	479.2	493.7	512.1	570.2	572.7	540.2	516.1	498.8
1981	501.2	478.2	473.3	473.4	473.3	479.8	489.8	510.4	548.1	550.4	531.3	512.6	493.9
1982		467.7	468.3										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	1,161.0	1,095.0	1,091.7	1,097.3	1,102.1	1,111.0	1,162.5	1,188.5	1,269.2	1,282.7	1,210.7	1,174.1	1,147.5
1978	1,173.9	1,118.2	1,110.5	1,122.2	1,116.0	1,120.3	1,166.9	1,191.5	1,265.4	1,277.7	1,222.7	1,197.8	1,177.0
1979	1,190.8	1,143.1	1,126.2	1,136.7	1,128.0	1,141.3	1,186.7	1,208.0	1,286.6	1,296.6	1,248.4	1,207.2	1,180.7
1980	1,174.6	1,140.8	1,126.2	1,123.9	1,108.6	1,121.1	1,153.6	1,188.6	1,285.1	1,283.6	1,227.5	1,183.0	1,152.9
1981	1,150.8	1,114.6	1,108.0	1,102.8	1,101.1	1,116.0	1,137.1	1,172.4	1,230.9	1,238.6	1,197.6	1,161.1	1,129.4
1982		1,087.1	1,088.9										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	214.80	206.59	208.68	208.95	209.88	211.74	212.93	214.94	217.76	219.64	216.51	221.75	225.12
1978	230.26	219.57	222.09	224.19	225.76	227.13	227.70	232.00	233.56	235.97	235.01	238.40	242.61
1979	250.17	239.55	238.51	242.35	241.41	245.92	247.16	251.20	253.08	256.59	254.00	261.30	264.62
1980	271.95	260.43	259.62	261.19	262.58	270.36	270.86	274.91	278.76	279.28	275.52	282.80	286.94
1981	294.97	287.60	284.14	284.26	288.12	294.18	294.18	295.02	298.45	300.89	296.65	302.88	309.87
1982		302.63	307.28										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	5.37	5.23	5.23	5.25	5.30	5.32	5.31	5.36	5.39	5.45	5.44	5.53	5.60
1978	5.80	5.63	5.68	5.69	5.73	5.75	5.75	5.80	5.81	5.87	5.89	5.96	6.02
1979	6.27	6.08	6.10	6.12	6.19	6.21	6.21	6.28	6.28	6.32	6.35	6.50	6.55
1980	6.85	6.61	6.64	6.68	6.75	6.81	6.84	6.89	6.90	6.93	6.94	7.07	7.12
1981	7.43	7.19	7.23	7.27	7.35	7.41	7.41	7.45	7.48	7.56	7.51	7.61	7.67
1982		7.82	7.74										

SIC 20—FOOD AND KINDRED PRODUCTS (Con.)

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	40.0	39.5	39.9	39.8	39.6	39.8	40.1	40.1	40.4	40.3	39.8	40.1	40.2
1978	39.7	39.0	39.1	39.4	39.4	39.5	39.6	40.0	40.2	40.2	39.9	40.0	40.3
1979	39.6	39.4	39.1	39.5	39.0	39.6	39.8	40.1	40.3	40.6	40.0	40.2	40.4
1980	39.7	39.4	39.1	39.1	38.9	39.7	39.6	39.9	40.4	40.3	39.7	40.0	40.3
1981	39.7	40.0	39.3	39.1	39.2	39.7	39.7	39.6	39.9	39.8	39.5	39.6	40.4
1982		38.7	39.7										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.1	3.6	3.9	3.7	3.7	3.8	4.0	4.0	4.6	4.7	4.1	4.1	4.0
1978	4.0	3.6	3.9	3.7	3.6	3.7	3.8	4.2	4.3	4.6	4.1	4.0	4.0
1979	4.0	3.7	3.5	3.6	3.3	3.6	3.7	4.1	4.5	4.6	4.2	4.3	4.1
1980	3.8	3.7	3.4	3.4	3.4	3.6	3.6	4.0	4.5	4.4	3.9	4.0	3.8
1981	3.7	4.0	3.6	3.3	3.3	3.6	3.6	4.0	4.5	4.4	3.9	4.0	3.7
1982		3.7	3.4										

SIC 201—MEAT PRODUCTS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	351.7	348.5	347.6	345.4	347.1	348.9	354.4	355.4	353.8	354.7	355.3	355.6	353.7
1978	353.3	347.7	346.8	347.0	345.2	350.8	354.1	355.6	357.5	357.5	356.8	360.4	360.2
1979	358.0	354.6	351.4	350.7	349.8	351.0	360.1	364.0	363.2	361.4	362.1	364.9	362.7
1980	358.4	353.1	352.5	351.2	351.8	355.6	361.8	361.4	361.6	362.4	361.7	365.3	362.0
1981	354.0	354.6	353.1	351.6	351.0	354.2	356.2	355.1	355.6	356.2	353.9	354.9	351.1
1982		341.8	341.5										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	104.2	101.0	100.3	100.9	102.0	102.3	105.7	106.3	105.7	106.6	107.1	106.8	105.9
1978	107.5	103.0	103.4	102.8	103.2	105.2	108.1	108.9	109.6	110.0	110.9	112.2	112.1
1979	114.3	109.8	108.4	109.1	110.3	111.4	117.0	117.6	117.2	117.0	118.2	118.6	116.6
1980	116.5	113.8	113.6	112.6	113.3	115.7	118.5	118.1	118.2	118.2	118.9	119.8	118.2
1981	116.2	114.8	114.2	114.4	114.7	116.2	117.0	117.2	117.4	117.5	117.4	117.8	115.9
1982		111.5	111.0										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	289.1	285.1	284.0	282.5	284.2	286.5	291.9	292.3	291.3	292.2	293.3	293.7	291.5
1978	291.5	286.1	284.9	285.0	283.5	289.1	292.2	293.1	295.3	295.5	295.7	299.4	298.6
1979	297.4	292.8	289.7	289.6	288.8	290.8	300.0	304.1	303.3	301.3	302.7	304.0	301.9
1980	298.2	292.9	292.1	290.9	291.6	295.6	301.3	301.7	301.9	301.9	301.4	305.2	301.9
1981	295.2	294.5	293.1	292.3	292.2	295.1	297.3	295.6	296.6	298.0	296.0	297.5	293.7
1982		284.5	284.4										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	219.38	215.57	213.79	212.01	213.01	214.97	217.31	218.75	220.09	226.24	224.64	229.31	229.43
1978	234.04	225.03	226.20	224.07	226.59	233.24	225.59	237.01	235.22	244.62	240.39	245.20	246.43
1979	254.32	248.75	235.98	241.49	243.18	248.22	250.80	261.26	260.65	262.44	261.63	268.26	265.20
1980	273.31	266.45	259.97	259.67	262.82	274.82	270.48	273.47	275.66	282.43	276.97	289.12	285.05
1981	292.35	293.36	279.94	280.62	285.92	293.72	289.54	288.25	295.71	300.13	294.00	304.00	305.36
1982		301.47	294.49										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.54	5.43	5.44	5.45	5.49	5.47	5.46	5.51	5.53	5.60	5.63	5.69	5.75
1978	5.94	5.77	5.86	5.82	5.84	5.89	5.81	5.94	5.94	6.07	6.04	6.13	6.13
1979	6.39	6.25	6.21	6.24	6.30	6.30	6.27	6.42	6.42	6.48	6.46	6.64	6.63
1980	6.99	6.78	6.77	6.78	6.88	6.94	6.90	7.03	7.05	7.15	7.12	7.21	7.18
1981	7.42	7.28	7.29	7.27	7.35	7.38	7.33	7.41	7.43	7.56	7.50	7.60	7.64
1982		7.81	7.59										

See footnotes at end of tables

SIC 201—MEAT PRODUCTS (Con.)

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	39.6	39.7	39.3	38.9	38.8	39.3	39.8	39.7	39.8	40.4	39.9	40.3	39.9
1978	39.4	39.0	38.6	38.5	38.8	39.6	39.0	39.9	39.6	40.3	39.6	40.0	40.1
1979	37.6	39.8	38.0	38.7	38.6	39.4	40.0	42.7	40.6	40.5	40.5	40.4	40.1
1980	39.1	39.3	38.4	38.3	38.2	39.6	39.2	38.9	39.1	39.5	38.9	40.1	39.7
1981	39.4	40.3	38.4	38.6	38.9	39.8	39.5	38.9	39.8	39.7	39.2	40.0	40.2
1982		38.6	38.8										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.1	4.2	3.9	3.6	3.8	3.8	4.1	4.1	4.0	4.4	4.0	4.4	4.2
1978	3.9	3.9	3.8	3.3	3.5	3.9	3.4	4.0	3.9	4.5	4.0	4.0	4.1
1979	4.2	4.2	3.2	3.5	3.6	4.0	4.1	4.6	4.5	4.7	4.5	4.4	4.4
1980	3.7	4.0	3.3	3.3	3.5	4.0	3.6	3.5	3.5	3.8	3.6	4.0	4.0
1981	3.4	4.3	3.5	3.1	3.1	3.7	3.5	3.1	3.7	3.8	3.5	4.2	4.2
1982		4.4	3.2										

SIC 2011—MEAT PACKING PLANTS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	171.7	175.0	174.7	171.0	172.0	171.5	171.8	171.4	170.5	171.0	171.1	170.7	170.1
1978	168.0	168.8	168.2	168.1	167.6	169.7	166.1	167.0	168.2	168.3	167.2	166.6	166.4
1979	162.6	167.3	165.5	163.8	162.0	160.5	160.6	162.1	162.7	161.4	159.2	160.1	161.5
1980	160.6	161.4	161.3	160.7	159.7	159.9	161.1	160.2	160.7	160.8	160.7	161.2	159.5
1981	155.0	157.3	156.2	154.9	154.6	155.2	155.8	154.0	155.3	155.9	154.2	153.8	153.2
1982		151.3	150.7										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	26.4	26.9	26.5	26.1	26.2	26.2	26.4	26.2	26.2	26.2	26.5	26.6	26.5
1978	26.7	26.0	26.2	26.0	26.2	26.7	26.5	26.9	27.1	27.2	27.1	27.4	27.3
1979	27.6	27.1	26.4	26.6	27.0	26.9	27.6	27.6	26.3	26.1	26.3	26.4	26.1
1980	29.2	29.3	29.1	29.0	29.0	29.3	29.5	29.3	29.1	28.8	28.2	29.1	29.1
1981	28.3	28.0	27.8	27.6	27.9	27.9	28.4	28.3	29.3	29.0	28.8	28.4	28.2
1982		27.8	27.4										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	136.2	141.1	139.9	137.2	138.3	138.0	138.4	137.6	137.0	137.6	138.2	137.9	137.1
1978	135.4	136.0	135.2	135.1	134.5	136.9	133.5	134.1	135.5	135.7	135.0	136.8	136.4
1979	131.3	135.5	133.3	132.4	130.5	129.3	130.0	131.9	132.5	131.5	130.2	130.7	131.1
1980	127.3	131.4	131.5	130.8	130.1	130.6	131.7	131.3	131.7	131.7	131.5	130.1	131.1
1981		128.5	127.6	127.0	126.8	127.4	127.9	126.0	127.4	126.4	126.7	126.9	126.5
1982		124.8	124.2										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	273.97	271.58	268.38	269.00	265.92	266.15	271.28	270.68	271.10	281.15	279.82	287.22	287.0
1978	293.53	294.39	285.62	281.07	286.21	290.21	278.99	293.94	288.05	309.40	302.74	311.33	315.0
1979	322.34	318.42	296.06	302.65	309.67	312.12	318.10	331.99	328.13	331.43	336.41	348.50	337.6
1980	351.49	344.42	333.74	333.33	341.52	354.06	347.96	349.61	350.02	363.62	361.12	376.16	362.0
1981	370.94	380.61	363.08	361.74	366.45	368.40	360.33	357.30	369.00	379.13	377.35	390.64	385.0
1982		389.23	367.43										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	6.57	6.39	6.39	6.42	6.47	6.46	6.49	6.57	6.58	6.71	6.71	6.79	6.85
1978	7.09	6.82	6.94	6.94	6.93	7.01	6.94	7.10	7.13	7.28	7.26	7.34	7.34
1979	7.73	7.51	7.42	7.51	7.59	7.65	7.61	7.83	7.85	7.91	7.86	8.03	8.01
1980	8.45	8.22	8.16	8.21	8.35	8.43	8.37	8.59	8.60	8.72	8.66	8.81	8.88
1981	8.96	8.79	8.77	8.75	8.83	8.92	8.82	9.00	9.00	9.18	9.11	9.17	9.23
1982		9.18	8.94										

SIC 2011—MEAT PACKING PLANTS (Con.)

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	41.7	42.5	42.0	41.9	41.1	41.2	41.8	41.2	41.2	41.9	41.7	42.3	42.1
1978	41.4	41.7	41.3	40.5	41.3	41.4	40.2	41.4	40.4	42.5	41.7	42.4	42.1
1979	41.7	42.4	39.9	40.3	40.8	40.8	41.8	42.4	41.8	41.9	42.8	43.4	42.2
1980	41.4	41.9	40.9	40.6	40.9	42.0	41.5	40.7	40.7	41.7	41.7	42.6	41.6
1981	41.4	43.3	41.4	41.2	41.5	41.3	40.9	39.7	41.0	41.3	41.4	42.6	41.9
1982		42.4	41.1										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.9	5.2	5.0	5.1	4.8	4.6	5.1	4.7	4.7	5.0	4.6	5.1	5.1
1978	4.7	4.8	4.7	4.0	4.4	4.7	3.8	4.9	4.2	5.7	5.0	4.8	4.9
1979	5.0	5.3	3.6	4.0	4.4	4.7	5.0	5.2	5.3	5.5	5.5	6.4	5.5
1980	4.9	5.4	4.4	4.5	4.9	5.3	4.7	4.4	4.4	5.2	4.9	5.7	5.2
1981	4.7	6.0	4.9	4.2	4.2	4.3	4.0	3.3	4.4	5.1	4.5	5.6	5.2
1982		5.8	4.1										

SIC 2013—SAUSAGES AND OTHER PREPARED MEATS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	70.0	68.6	69.9	68.5	69.0	69.6	70.3	70.7	70.5	70.6	71.3	71.2	71.6
1978	70.9	70.9	70.5	70.4	69.1	70.2	71.3	71.7	71.9	71.2	70.9	71.3	71.1
1979	69.6	69.5	68.9	69.1	67.6	68.7	69.7	70.0	69.9	69.9	70.8	70.9	70.6
1980	70.1	69.0	68.9	69.0	68.4	69.5	70.8	71.2	71.3	71.3	69.9	71.1	70.7
1981	70.2	69.8	69.5	69.3	69.6	70.3	71.5	71.3	70.7	70.5	69.7	70.2	69.8
1982		68.8	68.5										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	20.1	19.3	19.1	19.4	19.9	20.0	20.3	20.4	20.2	20.8	20.9	20.7	20.7
1978	20.8	20.4	20.5	20.4	20.1	20.4	20.7	21.0	20.9	21.0	21.1	21.4	21.4
1979	21.1	20.7	20.9	20.9	20.3	21.1	21.5	21.5	21.3	21.0	21.1	21.4	21.0
1980	20.8	20.5	20.4	20.3	20.2	20.5	20.8	20.9	21.3	21.4	20.8	21.1	20.8
1981	20.9	20.4	20.3	20.3	20.6	20.9	21.4	21.4	21.1	21.2	20.9	21.3	21.1
1982		20.6	20.7										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	50.9	49.3	49.7	49.1	49.8	50.7	51.3	51.6	51.6	51.8	52.2	52.2	52.5
1978	52.1	52.0	51.7	51.5	50.6	51.4	52.4	52.5	52.7	52.4	52.3	52.8	52.4
1979	51.2	51.2	50.5	50.6	49.3	50.5	51.5	51.8	51.5	51.3	51.8	52.2	51.8
1980	51.5	50.6	50.4	50.6	49.8	50.8	51.8	52.5	52.8	52.6	51.6	52.5	52.2
1981	52.1	51.5	51.2	51.0	51.7	52.2	53.5	53.1	52.6	52.7	52.0	52.5	51.7
1982		50.4	50.5										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	250.57	237.66	241.40	235.73	242.93	247.60	248.58	252.80	254.96	258.22	259.84	262.04	266.79
1978	265.64	247.54	254.20	250.78	249.60	262.42	264.40	274.00	272.80	273.82	269.99	274.51	286.23
1979	296.14	272.76	274.36	279.03	287.60	293.06	294.80	306.16	307.75	310.95	305.47	312.12	309.14
1980	337.56	302.25	300.70	297.20	299.14	320.39	320.40	323.57	325.96	324.62	320.19	334.43	337.68
1981	345.31	335.81	326.87	329.16	338.45	349.60	344.52	349.27	354.56	353.42	345.05	350.76	366.46
1982		356.45	347.91										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	6.28	6.07	6.05	6.05	6.15	6.19	6.23	6.32	6.39	6.36	6.40	6.47	6.62
1978	6.73	6.48	6.57	6.48	6.50	6.61	6.66	6.85	6.82	6.88	6.87	6.88	7.05
1979	7.50	7.03	7.05	7.10	7.19	7.29	7.37	7.56	7.58	7.64	7.58	7.65	7.69
1980	8.06	7.77	7.75	7.75	7.79	7.95	8.01	8.13	8.19	8.26	8.21	8.34	8.40
1981	8.77	8.48	8.49	8.44	8.59	8.74	8.70	8.82	8.82	8.88	8.78	8.88	8.96
1982		9.07	8.99										

SIC 2013—SAUSAGES AND OTHER PREPARED MEATS (Con.)

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	39.9	39.2	39.9	38.9	39.5	40.0	39.9	40.0	39.9	40.6	40.6	40.5	40.3
1978	39.5	36.2	39.3	38.7	38.4	39.7	39.7	40.0	40.0	39.8	39.3	39.9	40.6
1979	40.1	38.8	39.2	39.3	40.0	40.2	40.0	40.5	40.6	40.7	40.3	40.8	40.2
1980	39.4	38.9	38.8	38.2	38.4	40.3	40.0	39.8	39.8	39.3	39.0	40.1	40.2
1981	39.6	39.6	38.5	39.0	39.4	40.0	39.6	39.6	40.2	39.8	39.3	39.5	40.9
1982		39.3	38.7										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.6	2.9	3.3	2.8	3.3	3.7	3.5	3.8	3.7	4.1	3.9	3.6	4.0
1978	3.5	3.1	3.8	3.1	3.0	3.5	3.3	3.8	3.7	3.6	3.2	3.4	4.2
1979	4.0	3.6	3.5	3.8	4.2	4.1	3.5	4.0	3.7	4.5	4.3	4.2	4.5
1980	3.1	3.2	3.0	2.7	2.9	3.6	3.2	2.9	3.2	3.0	2.9	3.3	3.5
1981	3.4	3.4	2.9	2.8	3.2	3.7	3.3	3.5	3.7	3.6	3.5	3.7	3.8
1982		3.9	2.9										

SIC 2016—POULTRY DRESSING PLANTS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	96.7	91.0	91.5	92.3	92.3	94.1	99.0	100.6	100.0	100.2	99.8	100.5	98.9
1978	100.9	94.8	95.2	95.6	95.2	97.7	103.3	103.7	104.2	104.6	104.9	105.9	105.9
1979	110.6	102.6	101.9	102.6	105.4	107.3	114.6	116.8	115.8	115.0	116.1	115.1	113.4
1980	112.7	107.1	106.8	106.3	108.8	111.6	116.0	115.8	115.4	115.8	115.3	117.5	116.3
1981	114.7	112.4	112.3	112.7	112.6	114.0	115.4	116.9	116.3	116.7	116.1	116.6	114.3
1982		108.2	108.7										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	51.0	48.0	47.9	48.6	48.9	49.1	52.3	53.3	52.9	53.2	53.1	52.8	52.1
1978	53.1	49.9	50.1	49.8	50.0	51.2	54.1	54.4	55.0	54.9	55.4	56.0	56.0
1979	57.8	54.2	53.5	54.0	55.4	56.1	60.0	60.6	60.0	60.1	60.5	60.1	58.6
1980	59.1	56.1	55.9	55.7	56.7	58.6	61.2	61.1	60.5	60.9	60.2	61.6	60.8
1981	60.1	58.6	58.4	59.2	59.0	59.9	60.5	61.4	60.9	61.0	60.9	61.2	60.0
1982		56.4	56.3										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	88.2	82.8	83.4	84.1	83.9	85.6	90.5	91.8	91.3	91.4	91.3	91.8	90.4
1978	92.1	86.3	86.5	86.9	86.5	89.0	94.4	94.8	95.4	95.5	96.0	96.9	96.7
1979	101.2	93.0	92.8	93.6	96.2	98.4	105.2	107.4	106.4	105.6	106.6	105.3	103.9
1980	102.5	97.5	96.8	96.3	98.7	101.7	106.0	105.8	105.0	105.2	104.6	107.0	105.6
1981	103.7	101.4	101.3	101.8	101.6	102.9	104.4	105.6	105.3	105.7	105.3	105.9	103.7
1982		97.5	98.0										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	126.29	118.55	116.94	116.27	118.31	122.76	126.91	130.13	132.68	133.38	130.26	134.23	132.11
1978	139.47	127.08	125.25	129.22	131.72	138.38	139.48	144.77	148.23	146.29	145.88	146.49	147.75
1979	155.25	146.15	138.95	145.20	140.75	152.66	158.18	163.41	165.51	164.58	160.82	157.84	160.21
1980	162.26	153.72	150.50	154.01	154.18	163.02	161.98	165.52	166.34	169.46	162.44	172.41	173.53
1981	179.19	172.42	161.47	164.03	168.86	183.74	182.30	184.30	187.39	187.56	179.22	186.00	190.51
1982		171.87	182.81										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.46	3.33	3.37	3.38	3.39	3.41	3.43	3.47	3.51	3.51	3.53	3.57	3.59
1978	3.79	3.60	3.62	3.64	3.70	3.73	3.78	3.83	3.85	3.87	3.89	3.97	3.94
1979	4.14	3.95	3.97	4.00	4.01	4.06	4.13	4.19	4.19	4.22	4.21	4.30	4.33
1980	4.47	4.27	4.30	4.29	4.38	4.43	4.45	4.51	4.52	4.58	4.55	4.61	4.69
1981	4.83	4.66	4.64	4.66	4.73	4.81	4.81	4.85	4.88	4.91	4.87	5.00	5.04
1982		5.10	5.05										

See footnotes at end of tables

SIC 2016—POULTRY DRESSING PLANTS (Con.)

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	36.5	35.6	34.7	34.4	34.9	36.0	37.0	37.5	37.0	38.0	36.9	37.6	36.8
1978	36.8	35.3	34.6	35.5	35.6	37.1	36.9	37.6	38.5	37.8	37.5	36.9	37.5
1979	37.5	37.0	35.0	36.3	35.1	37.6	38.1	39.0	39.5	39.0	38.2	36.7	37.0
1980	36.3	36.0	35.0	35.9	35.2	36.8	36.4	36.7	36.9	37.0	35.7	37.4	37.0
1981	37.1	37.0	34.8	35.2	35.7	38.2	37.9	38.0	38.4	38.2	36.8	37.2	37.8
1982		37.7	36.2										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.1	3.3	2.4	2.2	2.5	2.9	3.0	3.4	3.3	3.7	3.1	3.9	3.0
1978	3.0	3.0	2.4	2.3	2.5	3.0	3.0	3.1	3.6	3.5	3.1	3.2	3.1
1979	3.3	3.0	2.3	2.7	2.4	3.4	3.6	4.0	4.1	4.1	3.7	3.2	3.1
1980	2.6	2.7	2.1	2.3	2.2	2.7	2.5	2.6	2.5	2.6	2.4	3.2	2.9
1981	2.6	2.8	2.1	2.0	1.9	3.1	2.9	2.7	3.0	2.8	2.3	2.4	2.8
1982		3.0	2.2										

SIC 202—DAIRY PRODUCTS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	187.5	185.3	184.7	186.5	187.3	188.8	190.9	191.9	191.4	187.8	185.3	184.7	183.4
1978	183.3	181.4	180.5	182.1	183.3	184.4	187.7	186.9	186.9	184.0	182.0	180.2	179.9
1979	179.8	178.1	176.9	177.3	178.6	180.3	180.6	185.2	184.1	180.5	178.4	176.7	176.1
1980	174.8	173.6	170.6	173.4	174.1	175.7	174.7	178.9	178.5	175.4	173.5	171.8	171.2
1981	170.0	168.6	167.0	168.5	169.2	170.9	170.4	174.7	173.3	170.8	168.4	167.2	166.9
1982		165.9	165.1										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	36.6	35.6	35.4	36.1	36.2	36.3	38.0	37.6	37.4	37.1	36.7	36.5	36.0
1978	36.3	34.7	34.7	35.5	35.4	36.1	37.4	37.6	37.5	37.2	36.7	36.4	36.4
1979	37.1	35.6	34.9	35.4	35.8	36.2	38.6	38.7	39.2	38.1	37.7	37.2	37.2
1980	37.6	36.4	36.1	36.6	37.0	37.6	38.9	38.6	38.6	38.3	38.0	37.4	37.3
1981	36.8	36.2	35.6	36.3	36.7	36.9	38.2	38.2	37.5	37.2	36.5	36.4	36.4
1982		35.5	35.2										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	96.2	95.6	95.1	97.1	98.2	99.4	102.7	101.5	101.2	98.7	96.9	96.4	95.5
1978	96.8	94.7	94.5	95.7	96.2	97.3	100.4	100.0	100.1	97.3	95.8	94.9	94.6
1979	96.7	93.9	93.7	93.2	94.6	95.9	100.7	101.0	100.5	98.1	96.9	95.1	95.5
1980	96.1	94.0	93.6	94.3	95.1	96.5	99.2	100.3	99.6	97.4	95.4	95.2	93.9
1981	93.9	92.2	91.0	92.7	93.3	94.5	97.6	97.6	96.7	94.9	93.0	91.8	91.5
1982		92.0	91.0										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	224.63	213.21	215.68	217.85	220.33	221.19	226.03	231.95	228.99	232.09	227.64	230.83	231.34
1978	240.29	230.45	232.40	232.82	233.50	235.57	241.38	246.34	243.36	246.93	246.19	248.44	249.45
1979	263.02	248.27	250.31	252.97	253.79	257.09	261.88	263.97	263.54	268.74	263.98	270.68	272.00
1980	284.69	268.37	273.88	274.70	275.74	281.73	283.92	289.45	290.22	295.26	291.17	296.31	293.04
1981	309.48	293.54	297.11	300.21	300.37	304.71	310.01	313.17	311.82	309.22	311.61	323.75	322.09
1982		317.97	319.16										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.25	5.15	5.14	5.15	5.16	5.18	5.22	5.32	5.35	5.41	5.42	5.47	5.54
1978	5.79	5.56	5.60	5.61	5.64	5.69	5.72	5.81	5.85	5.95	5.99	6.03	6.04
1979	6.32	6.10	6.12	6.14	6.19	6.24	6.28	6.30	6.32	6.46	6.47	6.57	6.57
1980	6.86	6.61	6.68	6.70	6.71	6.74	6.76	6.86	6.91	7.03	7.05	7.14	7.13
1981	7.53	7.23	7.30	7.34	7.36	7.45	7.47	7.51	7.55	7.62	7.68	7.82	7.78
1982		7.85	7.90										

SIC 202—DAIRY PRODUCTS (Con.)

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	42.5	41.4	42.0	42.3	42.7	42.7	43.3	43.6	42.8	42.9	42.0	42.2	42.1
1978	41.5	41.3	41.5	41.5	41.4	41.4	42.2	42.4	41.6	41.5	41.1	41.2	41.2
1979	41.3	40.7	40.9	41.2	41.0	41.2	41.7	41.9	41.7	41.6	40.8	41.0	41.4
1980	41.5	40.6	41.0	41.0	41.1	41.6	42.0	43.2	42.0	42.0	41.3	41.5	41.1
1981	41.1	40.6	40.7	40.9	40.7	40.9	41.5	41.7	41.0	42.1	40.6	41.4	41.4
1982		40.3	40.4										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.3	3.5	3.8	3.9	4.2	4.1	4.6	5.0	4.8	4.6	4.2	4.5	4.2
1978	4.2	3.9	4.0	4.0	4.1	4.1	4.7	4.6	4.3	4.4	3.9	4.1	4.1
1979	4.0	3.6	3.8	3.9	3.8	3.9	4.3	4.3	4.1	4.4	3.8	3.9	4.0
1980	4.0	3.5	3.9	3.8	3.7	4.2	4.3	4.5	4.4	4.4	3.7	3.9	3.8
1981	3.8	3.5	3.6	3.6	3.8	3.8	4.0	4.1	3.9	4.4	3.4	3.8	3.8
1982		3.5	3.5										

SIC 2022—CHEESE, NATURAL AND PROCESSED

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	31.2	29.9	30.1	30.5	30.8	31.2	32.1	32.0	31.9	31.4	31.4	31.1	31.1
1978	32.4	31.1	31.3	31.7	31.8	32.2	33.2	33.1	33.1	32.9	32.6	32.5	32.6
1979	34.0	32.0	32.0	32.6	32.6	32.9	34.8	35.1	35.5	35.1	35.0	34.8	34.9
1980	35.8	34.1	34.1	34.6	34.8	35.2	36.8	36.7	36.6	36.2	36.1	36.0	36.1
1981	35.5	35.2	34.8	35.4	35.6	35.7	36.9	36.3	35.8	35.6	34.7	34.5	34.4
1982		34.3	33.9										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	24.3	23.3	23.4	23.6	24.2	24.5	25.2	25.0	24.8	24.5	24.4	24.1	24.1
1978	25.2	24.0	24.3	24.1	24.5	24.9	25.6	25.6	25.9	25.8	25.4	25.4	25.6
1979	26.5	25.0	25.1	25.5	25.8	25.7	27.3	27.4	27.7	27.2	27.3	27.1	27.2
1980	27.6	26.3	26.1	26.5	26.9	27.1	28.2	28.4	28.2	28.5	28.4	28.2	28.4
1981	27.1	27.0	26.6	27.3	27.4	27.3	28.2	27.7	27.2	27.3	26.5	26.1	26.1
1982		25.9	25.5										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	203.03	196.12	192.99	199.55	198.51	195.29	205.73	208.56	203.00	208.57	205.63	216.29	216.63
1978	219.75	205.93	210.81	213.19	210.14	214.12	226.01	227.29	226.03	221.99	228.40	227.66	224.79
1979	239.99	223.88	232.03	239.95	234.40	234.24	242.60	245.62	245.03	243.89	241.64	243.90	251.01
1980	261.23	241.29	248.20	251.42	249.74	256.56	261.05	267.15	270.25	271.68	272.28	274.57	271.48
1981	283.22	267.50	271.91	279.27	273.61	277.22	289.67	286.31	284.80	296.21	285.32	298.82	288.79
1982		284.93	287.93										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.94	4.76	4.73	4.82	4.83	4.81	4.91	4.99	5.00	5.05	5.04	5.14	5.22
1978	5.46	5.24	5.31	5.29	5.28	5.38	5.42	5.49	5.54	5.62	5.71	5.72	5.69
1979	6.03	5.77	5.83	5.91	5.86	5.93	5.99	6.02	6.05	6.29	6.28	6.27	6.33
1980	6.58	6.30	6.43	6.48	6.42	6.43	6.43	6.58	6.64	6.78	6.79	6.83	6.82
1981	7.17	6.93	6.99	7.07	7.07	7.09	7.17	7.14	7.12	7.46	7.26	7.41	7.28
1982		7.42	7.44										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	41.1	39.1	40.6	41.4	41.1	40.6	41.9	41.8	40.6	41.3	40.6	42.1	41.3
1978	40.1	39.3	39.7	40.3	39.8	39.8	41.7	41.4	40.8	39.5	40.0	39.8	39.5
1979	39.8	38.8	39.6	40.6	40.0	39.5	40.5	40.8	40.5	39.4	39.1	39.3	39.7
1980	39.7	38.3	38.6	38.8	38.9	39.9	40.6	40.6	40.7	40.1	40.1	40.2	39.6
1981	39.5	38.6	38.9	39.5	38.7	39.1	40.4	40.1	40.0	39.6	39.3	40.3	39.5
1982		38.4	38.7										

See footnotes at end of tables.

SIC 2022—CHEESE, NATURAL AND PROCESSED (Con.)

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	4.3	3.6	3.9	4.5	4.3	4.0	4.7	4.8	4.4	4.5	4.1	4.8	4.4
1978	3.7	3.5	4.0	4.1	3.8	3.5	4.4	4.1	3.8	3.4	3.9	3.3	3.2
1979	3.5	2.8	3.6	3.8	3.2	3.2	3.9	3.8	4.1	3.5	3.1	3.0	3.3
1980	3.4	2.7	3.3	3.1	3.0	3.4	3.8	3.9	3.9	3.7	3.5	3.7	3.3
1981	3.3	3.0	3.2	3.4	3.4	3.1	3.6	3.2	3.2	3.5	2.9	3.5	3.2
1982		2.7	2.9										

SIC 2026—FLUID MILK

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	121.3	120.0	121.2	121.2	121.4	121.8	123.2	122.7	122.6	121.3	120.0	119.8	118.8
1978	115.8	117.4	116.9	117.3	116.9	116.7	117.3	116.5	116.2	115.0	113.9	112.8	112.3
1979	108.5	111.3	110.1	109.6	109.5	109.5	110.2	109.8	108.6	107.0	105.9	105.1	104.4
1980	101.1	103.5	102.2	101.8	101.6	101.9	102.2	101.8	101.5	100.3	99.4	98.6	98.1
1981	96.5	97.0	96.3	96.3	96.2	96.9	98.2	98.2	97.5	96.6	95.6	94.9	94.5
1982		94.2	93.6										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	19.4	19.1	19.0	19.2	19.4	19.5	20.0	19.8	19.7	19.6	19.4	19.4	19.1
1978	18.9	18.6	18.5	18.9	19.0	19.2	19.4	19.3	19.3	18.8	18.6	18.5	18.4
1979	17.8	18.2	17.8	17.9	17.9	18.0	18.1	18.1	18.1	17.7	17.6	17.4	17.3
1980	17.3	17.9	17.1	17.1	17.2	17.5	17.7	17.5	17.3	17.1	16.9	16.7	16.6
1981	16.6	16.6	16.5	16.5	16.7	16.9	17.1	17.1	16.8	16.5	16.3	16.2	16.0
1982		15.8	15.8										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	52.5	52.7	51.8	52.0	52.5	53.0	53.9	53.2	53.3	52.7	51.6	51.6	51.1
1978	50.3	50.9	50.6	51.0	50.9	50.8	51.4	50.8	50.9	49.9	48.9	48.6	48.3
1979	47.0	47.6	47.5	46.9	47.0	47.1	47.8	47.8	47.5	46.7	46.4	46.2	45.7
1980	44.6	45.4	45.0	44.8	44.8	44.8	45.3	45.5	45.2	44.3	43.6	43.4	43.4
1981	43.1	42.9	42.6	42.9	43.1	43.3	44.0	44.1	44.0	43.3	42.8	42.2	41.9
1982		42.0	41.9										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	235.64	226.16	226.37	227.42	230.72	231.44	234.79	242.46	240.55	243.31	239.57	241.36	246.78
1978	253.04	243.96	243.53	241.96	245.34	248.04	251.50	257.57	255.25	263.16	258.92	263.30	265.40
1979	274.10	264.81	262.92	262.92	265.41	268.77	271.93	277.33	276.22	287.71	279.97	288.23	289.33
1980	299.91	283.56	286.60	286.60	290.91	297.77	302.32	307.16	303.88	311.75	306.07	311.64	310.16
1981	315.64	309.75	313.33	314.57	317.12	319.25	323.59	330.00	327.76	349.92	327.98	340.23	338.58
1982		340.70	337.42										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	5.38	5.26	5.24	5.24	5.22	5.26	5.30	5.40	5.43	5.48	5.52	5.60	5.66
1978	5.44	5.70	5.69	5.72	5.80	5.85	5.89	5.99	6.02	6.12	6.15	6.21	6.23
1979	6.50	6.29	6.29	6.29	6.38	6.43	6.49	6.51	6.53	6.66	6.65	6.75	6.76
1980	7.09	6.80	6.84	6.84	6.91	6.99	7.08	7.16	7.15	7.25	7.27	7.42	7.42
1981	7.81	7.50	7.55	7.58	7.66	7.73	7.76	7.82	7.86	8.10	7.98	8.12	8.10
1982		8.19	8.17										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	43.8	43.0	43.2	43.4	44.2	44.0	44.3	44.9	44.3	44.4	43.4	43.1	43.6
1978	42.6	43.6	42.8	42.3	42.3	42.4	42.7	43.0	42.4	43.0	42.1	42.4	42.6
1979	42.2	42.1	41.6	41.8	41.6	41.8	41.9	42.6	42.3	43.2	42.1	42.7	42.8
1980	43.3	41.7	41.9	41.9	42.1	42.6	42.7	42.9	42.5	43.0	42.1	42.0	41.8
1981	41.7	41.3	41.5	41.5	41.4	41.3	41.7	42.2	41.7	43.2	41.1	41.9	41.8
1982		41.6	41.3										

SIC 2026—FLUID MILK (Con.)

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	4.6	4.4	4.1	4.1	4.3	4.3	4.7	5.2	5.1	5.3	4.5	4.2	4.5
1978	4.4	4.3	4.4	4.0	4.2	4.3	4.5	4.7	4.5	5.2	4.2	4.3	4.3
1979	4.3	4.2	4.0	4.1	4.1	4.1	4.3	4.4	4.4	4.9	4.2	4.4	4.1
1980	4.4	4.1	4.2	4.1	4.2	4.5	4.5	4.8	4.8	4.9	4.2	4.3	4.0
1981	4.2	4.1	4.1	3.9	4.0	4.2	4.3	4.6	4.3	5.5	3.8	4.2	3.9
1982		4.3	3.9										

SIC 203—PRESERVED FRUITS AND VEGETABLES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	253.1	204.6	208.5	214.4	217.2	217.7	252.5	273.0	349.3	358.0	272.5	245.7	224.2
1978	254.5	214.4	216.7	225.1	218.7	220.4	243.0	267.3	330.2	342.5	281.6	256.9	237.1
1979	260.7	220.8	222.2	227.6	223.6	231.5	248.9	272.4	343.0	356.7	292.5	254.1	235.4
1980	256.0	221.8	220.4	222.7	217.6	222.1	235.5	268.4	350.5	354.0	284.1	249.3	225.8
1981	239.8	211.4	212.6	214.0	210.5	214.3	220.3	257.4	307.7	314.2	266.1	235.7	213.9
1982		196.9	200.2										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	104.8	79.2	81.9	86.2	87.2	86.9	101.0	109.6	153.0	160.7	116.8	103.7	91.5
1978	107.7	84.6	85.0	91.3	86.9	87.6	98.4	112.5	148.5	159.2	125.0	113.1	100.7
1979	112.2	90.9	91.1	95.7	92.5	97.3	104.4	116.5	156.7	163.4	130.3	109.6	97.6
1980	108.2	88.8	88.0	89.8	87.3	89.9	94.9	111.4	160.5	163.0	124.8	107.4	92.8
1981	101.0	85.4	84.7	86.1	83.8	86.5	88.1	107.6	140.3	141.1	117.2	102.7	88.2
1982		77.9	79.7										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	207.5	162.0	165.9	171.5	174.3	173.6	205.4	224.6	301.4	309.9	225.3	198.6	177.6
1978	206.9	168.1	169.7	178.1	171.8	172.7	194.2	219.1	281.8	294.0	233.0	209.1	190.8
1979	214.0	175.3	176.6	181.9	179.0	186.4	202.3	224.1	292.3	305.7	245.2	208.5	190.7
1980	210.3	176.6	175.5	178.6	173.7	177.2	189.0	219.7	302.3	305.0	238.6	204.9	182.3
1981	196.9	168.7	169.6	170.6	167.1	171.1	176.6	211.9	263.4	270.9	224.2	195.4	173.8
1982		157.3	161.1										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	180.57	168.52	175.11	173.18	173.96	172.67	171.61	178.94	196.49	195.53	179.54	180.30	182.78
1978	193.66	180.16	187.23	186.47	187.75	188.24	186.50	191.00	209.04	204.22	197.18	193.66	198.53
1979	211.53	198.64	201.49	203.70	198.81	207.82	202.69	208.59	222.40	229.07	212.61	211.46	218.18
1980	231.66	220.35	218.30	219.08	216.58	222.30	218.04	231.81	255.64	246.00	231.66	232.62	240.91
1981	252.98	249.02	246.25	241.94	245.50	247.15	245.86	248.62	271.32	260.13	251.90	249.72	267.06
1982		263.25	271.44										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	4.69	4.47	4.49	4.51	4.59	4.58	4.54	4.66	4.90	4.95	4.70	4.72	4.81
1978	5.03	4.83	4.94	4.92	4.98	4.98	4.96	5.00	5.20	5.17	5.03	5.03	5.13
1979	5.41	5.20	5.22	5.25	5.33	5.37	5.32	5.39	5.56	5.56	5.41	5.45	5.58
1980	5.94	5.65	5.67	5.72	5.76	5.85	5.83	5.99	6.22	6.15	5.94	5.98	6.13
1981	6.52	6.21	6.25	6.35	6.41	6.47	6.47	6.56	6.80	6.67	6.56	6.52	6.71
1982		6.82	6.82										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	38.5	37.7	39.0	38.4	37.9	37.7	37.8	38.4	40.1	39.5	38.2	38.2	38.0
1978	38.5	37.3	37.9	37.9	37.7	37.8	37.6	38.2	40.2	39.5	39.2	38.5	38.7
1979	39.1	38.2	38.6	38.8	37.3	38.7	38.1	38.7	40.0	41.2	39.3	38.8	39.1
1980	39.0	39.0	38.5	38.3	37.6	38.0	37.4	38.7	41.1	40.0	39.0	38.9	39.3
1981	38.8	40.1	39.4	38.1	38.3	38.2	38.0	37.9	39.9	39.0	38.4	38.3	39.8
1982		38.6	39.8										

See footnotes at end of tables.

SIC 203—PRESERVED FRUITS AND VEGETABLES (Con.)

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.7	2.7	3.4	2.5	3.5	3.7	3.2	3.9	5.6	5.4	3.5	3.1	2.9
1978	3.7	2.7	3.4	2.5	3.5	3.7	3.2	3.9	5.6	5.4	3.5	3.1	2.9
1979	3.7	2.7	3.4	2.5	3.5	3.7	3.2	3.9	5.6	5.4	3.5	3.1	2.9
1980	3.6	2.6	3.3	2.4	3.4	3.6	3.1	3.8	5.5	5.3	3.4	3.0	2.8
1981	3.5	2.5	3.2	2.3	3.3	3.5	3.0	3.7	5.4	5.2	3.3	2.9	2.7
1982	3.4	2.4	3.1	2.2	3.2	3.4	2.9	3.6	5.3	5.1	3.2	2.8	2.6

SIC 2032—CANNED SPECIALTIES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	26.6	25.8	25.6	25.4	24.5	25.9	26.2	25.6	26.6	29.3	27.1	27.3	27.6
1978	26.6	25.8	25.6	25.4	24.5	25.9	26.2	25.6	26.6	29.3	27.1	27.3	27.6
1979	26.4	25.7	25.5	25.2	24.4	25.8	26.1	25.5	26.5	29.2	27.0	27.2	27.5
1980	26.1	25.4	25.2	25.0	24.1	25.5	25.8	25.2	26.2	28.9	26.7	26.9	27.2
1981	25.7	25.0	24.8	24.6	23.7	25.1	25.4	24.8	25.8	28.5	26.3	26.5	26.8
1982	25.3	24.6	24.4	24.2	23.3	24.7	25.0	24.4	25.4	28.1	25.9	26.1	26.4

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	8.9	8.6	8.6	8.6	8.7	8.7	8.9	8.9	9.4	9.7	9.3	9.4	9.3
1978	8.9	8.6	8.6	8.6	8.7	8.7	8.9	8.9	9.4	9.7	9.3	9.4	9.3
1979	8.8	8.5	8.5	8.5	8.6	8.6	8.8	8.8	9.3	9.6	9.2	9.3	9.2
1980	8.7	8.4	8.4	8.4	8.5	8.5	8.7	8.7	9.2	9.5	9.1	9.2	9.1
1981	8.6	8.3	8.3	8.3	8.4	8.4	8.6	8.6	9.1	9.4	9.0	9.1	9.0
1982	8.5	8.2	8.2	8.2	8.3	8.3	8.5	8.5	9.0	9.3	8.9	9.0	8.9

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	19.4	18.4	18.3	18.2	17.4	18.5	18.2	17.4	18.4	20.8	18.3	19.1	19.1
1978	19.4	18.4	18.3	18.2	17.4	18.5	18.2	17.4	18.4	20.8	18.3	19.1	19.1
1979	19.3	18.3	18.2	18.1	17.3	18.4	18.1	17.3	18.3	20.7	18.2	19.0	19.0
1980	19.1	18.1	18.0	17.9	17.1	18.2	17.9	17.2	18.1	20.5	18.0	18.8	18.8
1981	18.8	17.8	17.7	17.6	16.9	17.9	17.6	16.9	17.8	20.2	17.7	18.5	18.5
1982	18.4	17.4	17.3	17.2	16.5	17.5	17.2	16.5	17.4	19.8	17.3	18.1	18.1

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	211.45	185.22	202.50	197.88	200.34	203.56	205.34	226.34	228.82	226.03	214.26	218.51	224.17
1978	236.33	220.42	236.33	229.85	235.64	235.10	235.48	255.48	259.48	248.64	240.27	255.09	255.73
1979	264.82	246.33	263.33	261.78	263.46	263.46	263.46	285.33	287.33	282.83	269.14	285.33	286.51
1980	294.83	278.45	291.15	287.33	291.15	291.15	291.15	315.15	317.15	306.98	302.17	314.85	317.14
1981	312.71	297.10	312.71	312.71	312.71	312.71	312.71	337.71	339.79	315.79	330.79	336.80	337.34
1982	326.16	309.25	326.16	326.16	326.16	326.16	326.16	352.73	354.91	329.91	345.63	351.90	352.47

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.17	4.91	5.30	5.22	5.15	5.29	5.12	5.36	5.29	5.23	5.20	5.24	5.35
1978	5.75	5.58	5.75	5.66	5.63	5.77	5.63	5.84	5.94	5.91	5.91	5.95	6.06
1979	6.26	6.05	6.24	6.16	6.06	6.16	6.06	6.24	6.49	6.37	6.23	6.26	6.47
1980	6.88	6.64	6.81	6.73	6.61	6.75	6.65	6.83	7.03	6.89	6.70	6.77	6.96
1981	7.33	7.09	7.26	7.18	7.03	7.17	7.00	7.24	7.29	7.02	7.06	7.02	7.53
1982		7.59	7.76	7.68	7.51	7.65	7.48	7.73	7.78	7.50	7.56	7.52	

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	40.9	37.6	38.5	38.6	38.3	39.6	40.3	42.6	43.3	43.6	41.3	41.7	41.9
1978	41.1	41.2	42.0	41.6	39.4	39.7	40.7	43.0	43.0	44.4	42.5	42.8	42.7
1979	41.1	41.4	42.0	41.8	39.7	39.7	40.7	43.0	43.0	44.4	43.2	42.8	42.5
1980	40.1	40.2	41.0	40.8	38.9	38.9	39.7	41.8	42.0	43.1	42.1	41.7	41.4
1981	39.8	39.7	40.1	40.1	38.4	38.4	39.1	41.2	41.4	42.1	41.1	41.1	41.1
1982	41.2	41.2	42.1	42.1	41.0	41.0	41.8	42.8	42.8	43.1	42.1	42.1	42.1

See footnotes at end of table.

SIC 2032—CANNED SPECIALTIES (Con.)

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.3	3.2	4.6	2.6	2.5	3.1	3.4	5.1	7.0	6.3	4.3	4.3	4.1
1978	4.3	3.2	4.6	2.6	2.5	3.1	3.4	5.1	7.0	6.3	4.3	4.3	4.1
1979	4.2	3.1	4.5	2.5	2.4	3.0	3.3	5.0	6.9	6.2	4.2	4.2	4.0
1980	4.1	3.0	4.4	2.4	2.3	2.9	3.2	4.9	6.8	6.1	4.1	4.1	3.9
1981	4.0	2.9	4.3	2.3	2.2	2.8	3.1	4.8	6.7	6.0	4.0	4.0	3.8
1982	3.9	2.8	4.2	2.2	2.1	2.7	3.0	4.7	6.6	5.9	3.9	3.9	3.7

SIC 2033—CANNED FRUITS AND VEGETABLES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	103.9	68.3	71.7	72.1	73.8	76.6	88.6	105.1	130.3	131.2	112.9	89.0	74.1
1978	103.9	70.3	70.7	74.5	72.9	76.5	87.1	103.9	129.5	131.2	112.9	89.0	74.1
1979	104.3	74.3	77.0	77.7	73.4	80.6	89.1	104.1	127.8	130.7	112.2	88.6	74.1
1980	104.6	76.6	76.9	76.6	73.6	77.4	90.3	107.8	127.5	130.7	114.0	89.3	74.1
1981	90.6	70.4	71.0	71.2	68.8	71.0	79.7	100.8	111.2	114.2	97.8	78.1	65.1
1982		61.0	61.8										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	39.7	24.1	23.1	23.5	24.3	25.3	33.5	47.6	58.8	66.6	65.0	51.7	39.1
1978	39.5	23.4	22.1	24.9	23.7	24.9	32.5	45.5	58.8	66.6	65.0	51.7	39.1
1979	40.0	25.2	25.1	25.7	23.7	25.4	29.5	43.5	58.1	66.1	64.6	51.5	39.1
1980	39.6	25.9	24.6	24.9	23.6	24.6	29.5	45.4	57.8	66.1	65.7	51.9	39.1
1981	34.6	23.6	22.4	23.1	22.0	22.6	26.1	42.3	50.2	57.6	56.2	44.3	33.4
1982		20.4	20.9										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	66.8	52.1	55.7	56.0	57.6	60.7	69.5	105.8	172.1	174.9	85.0	72.4	57.4
1978	66.8	54.1	55.7	57.3	55.9	57.4	68.0	92.3	147.3	174.9	85.0	72.4	57.4
1979	66.8	58.1	60.1	59.8	56.4	61.8	70.1	92.3	157.3	174.9	84.6	72.4	57.4
1980	67.4	60.6	60.1	60.1	56.6	60.7	71.0	96.5	168.8	174.9	86.8	73.1	57.4
1981	54.9	54.9	56.6	56.6	52.7	55.2	61.6	88.5	135.3	133.7	68.2	63.6	51.1
1982		45.8	47.8										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	186.73	174.46	180.50	181.42	180.58	177.94	170.17	180.13	206.90	203.30	177.75	172.98	174.5
1978	197.72	175.58	187.54	189.35	192.00	189.07	182.59	189.75	216.34	209.58	181.39	186.80	185.0
1979	211.62	196.18	203.58	203.92	200.51	210.14	197.64	210.90	233.57	231.57	204.41	202.61	203.9
1980	235.34	219.07	224.63	226.56	223.44	231.11	211.36	243.10	272.15	263.86	230.09	224.62	230.4
1981	256.80	245.88	251.82	251.08	251.12	263.06	259.88	250.79	285.42	263.07	241.98	233.36	265.6
1982		257.97	276.32										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.85	4.54	4.64	4.64	4.79	4.72	4.55	4.67	5.16	5.16	4.74	4.65	4.5
1978	5.11	4.96	5.11	5.02	5.12	5.11	5.00	5.06	5.37	5.24	4.92	4.84	4.8
1979	5.44	5.19	5.44	5.30	5.43	5.43	5.40	5.38	5.66	5.58	5.26	5.29	5.2
1980	6.09	5.68	5.75	5.60	5.68	5.68	5.64	5.62	5.90	5.81	5.48	5.58	5.5
1981	6.67	6.31	6.44	6.29	6.39	6.39	6.34	6.17	6.45	6.30	5.86	5.88	6.0
1982		7.01	6.97	6.59	6.73	6.78	6.75	6.67	7.10	6.86	6.47	6.35	6.1

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	38.5	37.6	38.9	39.1	37.7	37.7	37.4	39.0	40.1	39.4	37.5	37.2	36.7
1978	38.3	35.4	36.7	37.1	37.5	37.0	36.3	37.5	40.1	39.9	36.9	36.5	36.1
1979	38.9	37.8	39.1	38.4	37.0	38.7	36.6	37.9	39.5	41.5	38.9	38.2	36.1
1980	39.3	38.4	39.1	38.4	38.0	38.2	36.6	38.4	40.2	40.1	38.9	38.2	36.1
1981	38.4	39.6	39.4	38.1	38.8	38.8	38.5	37.6	40.0	39.5	37.4	37.1	35.4
1982		39.8	39.5										

SIC 2033—CANNED FRUITS AND VEGETABLES (Con.)

PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	4.1	2.8	3.5	3.0	3.1	2.9	3.7	4.7	6.3	5.9	3.5	3.2	2.6
1978	4.2	2.3	2.8	2.8	3.0	2.8	3.0	4.3	6.2	6.1	4.6	3.6	3.1
1979	4.3	3.7	3.0	2.7	2.0	2.6	2.6	4.7	6.1	7.1	4.4	3.2	2.8
1980	4.3	3.7	2.3	2.8	2.8	2.5	2.7	5.3	7.3	5.8	4.1	3.3	2.7
1981	3.6	3.1	3.1	2.6	2.5	2.5	2.8	3.6	5.2*	5.1	3.4	2.6	2.7
1982		2.2	2.7										

SIC 2037—FROZEN FRUITS AND VEGETABLES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	49.0	40.7	42.1	47.8	49.6	49.3	52.0	46.0	51.5	55.2	53.3	52.1	48.9
1978	50.7	44.2	47.0	51.0	47.1	46.9	53.2	49.0	49.8	56.8	57.6	55.0	50.5
1979	51.5	45.3	45.7	49.7	49.6	51.6	55.4	51.2	54.6	56.9	56.2	52.2	49.2
1980	47.7	43.8	43.3	47.0	44.1	46.4	50.1	45.7	51.8	51.2	54.7	50.0	44.0
1981	48.0	41.6	43.2	45.1	45.6	46.7	48.4	46.9	50.3	56.0	55.0	51.6	45.5
1982		41.0	42.2										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	22.7	18.0	18.9	22.8	23.0	23.2	24.5	20.2	22.5	25.4	25.2	25.8	23.4
1978	24.4	19.6	21.6	24.8	22.1	21.7	25.7	22.7	23.3	28.4	28.9	28.4	25.0
1979	25.3	21.6	21.9	25.1	24.6	26.1	28.3	25.2	26.2	27.6	27.8	25.6	23.4
1980	21.1	19.2	19.4	21.5	19.7	21.7	23.0	19.2	22.6	22.1	23.6	22.5	19.0
1981	20.7	17.5	18.2	19.7	20.2	21.2	22.4	20.2	23.1	26.4	25.7	24.8	20.8
1982		17.6	18.3										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	42.3	34.4	35.7	41.3	42.7	42.5	45.0	39.1	44.7	48.1	46.3	45.3	42.2
1978	43.8	37.3	40.0	44.1	40.3	40.0	46.1	42.0	42.6	50.0	50.7	48.1	43.9
1979	44.7	38.4	38.9	43.1	43.2	45.2	48.7	44.7	47.1	49.9	49.1	45.3	42.6
1980	41.1	37.0	36.8	40.7	37.7	40.1	43.4	38.7	45.2	44.5	47.8	43.6	37.6
1981	41.6	35.4	37.0	38.6	39.3	40.3	42.0	40.3	43.8	49.4	48.0	45.4	39.5
1982		35.0	36.5										

PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	165.24	159.52	166.14	156.56	159.84	155.45	154.97	155.84	171.83	175.10	169.65	176.79	173.45
1978	181.16	173.28	166.90	168.36	169.73	174.46	174.66	186.38	200.41	195.61	195.62	179.45	181.28
1979	197.63	181.42	184.62	188.44	184.37	194.54	190.08	198.01	207.83	223.93	207.19	196.94	204.88
1980	216.89	212.40	202.08	208.89	204.82	216.61	201.70	215.84	228.05	223.29	235.20	226.01	222.52
1981	234.70	246.79	238.96	223.78	223.28	220.80	214.62	229.85	244.38	250.10	237.86	238.64	242.69
1982		252.68	250.57										

PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	4.43	4.22	4.26	4.22	4.32	4.33	4.39	4.57	4.44	4.56	4.50	4.58	4.65
1978	4.78	4.56	4.56	4.60	4.65	4.64	4.67	4.97	4.90	4.99	4.94	4.85	4.86
1979	5.12	4.93	4.91	4.92	5.01	5.04	4.95	5.17	5.17	5.37	5.34	5.28	5.20
1980	5.59	5.35	5.29	5.37	5.39	5.47	5.35	5.71	5.73	5.74	5.88	5.81	5.81
1981	6.16	5.89	5.80	5.92	5.97	6.00	6.08	6.28	6.25	6.53	6.36	6.33	6.32
1982		6.27	6.28										

PRODUCTION-WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	37.3	37.8	39.0	37.1	37.0	35.9	35.3	34.1	38.7	38.4	37.7	38.6	37.3
1978	37.9	38.0	36.6	36.6	36.5	37.6	37.4	37.5	40.9	39.2	39.6	37.0	37.3
1979	38.6	36.8	37.6	38.3	36.8	38.6	38.4	38.3	40.2	41.7	38.8	37.3	39.4
1980	38.8	39.7	38.2	38.9	38.0	39.6	37.7	37.8	39.8	38.9	40.0	38.9	38.3
1981	38.1	41.9	41.2	37.8	37.4	36.8	35.3	36.6	39.1	38.3	37.4	37.7	38.4
1982		40.3	39.9										

SIC 2037—FROZEN FRUITS AND VEGETABLES (Con.)

PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	3.0	2.3	3.0	1.9	2.5	2.1	2.2	2.6	4.7	4.7	3.5	2.9	2.8
1978	3.2	2.9	2.9	2.3	2.3	2.9	3.4	3.2	4.8	4.1	3.9	2.5	2.7
1979	3.6	2.5	2.7	2.8	2.5	2.8	2.7	3.4	4.9	6.0	4.7	3.4	4.0
1980	3.7	4.5	3.3	3.8	3.2	2.9	3.0	3.0	5.1	3.8	4.3	3.2	3.5
1981	3.6	6.2	5.4	3.0	2.3	2.6	3.1	3.3	4.4	4.7	3.4	2.6	2.9
1982		4.5	4.1										

SIC 204—GRAIN MILL PRODUCTS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	142.4	138.8	140.2	139.2	139.2	140.0	142.8	143.6	144.8	145.7	145.7	144.7	144.0
1978	144.3	142.7	143.9	144.1	143.5	141.9	144.7	143.0	144.7	145.7	146.3	145.3	145.3
1979	144.1	144.2	143.7	143.2	142.0	142.4	144.5	144.6	145.2	144.5	144.9	144.8	145.7
1980	143.7	145.6	143.6	143.9	141.5	141.2	142.6	142.6	144.3	145.8	145.5	144.0	144.3
1981	139.9	143.3	142.0	139.4	137.2	138.6	139.0	138.7	140.2	140.8	140.8	139.2	139.0
1982		138.5	137.9										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	27.2	25.3	26.2	26.2	26.2	26.5	27.2	27.4	27.8	28.3	28.4	28.0	28.4
1978	28.5	27.7	28.2	28.1	27.9	28.0	28.6	28.2	29.1	29.1	29.0	29.0	28.6
1979	28.2	28.1	28.3	28.0	27.0	27.5	27.9	28.0	28.6	28.5	28.7	28.8	28.8
1980	29.4	28.9	29.3	29.2	28.8	28.7	29.2	29.3	30.0	30.3	30.1	29.5	30.0
1981	29.4	29.9	29.3	29.0	28.3	28.9	29.3	29.0	29.7	30.2	29.8	29.7	29.5
1982		29.1	28.9										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	96.6	93.7	95.0	94.4	93.8	94.5	97.2	97.6	98.4	98.7	99.3	98.4	97.6
1978	97.7	96.2	97.1	97.6	96.9	95.5	97.6	96.0	97.5	99.3	99.9	99.4	99.3
1979	99.5	98.9	98.3	98.1	97.9	98.2	100.2	99.8	100.9	100.4	100.4	100.1	101.0
1980	98.6	101.2	99.1	99.1	96.6	96.5	96.9	96.9	98.4	100.4	100.3	98.8	99.2
1981	96.8	99.0	97.8	96.7	95.0	96.2	96.6	96.4	97.9	97.7	97.2	95.7	95.4
1982		94.8	94.1										

PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	252.74	240.37	246.47	244.08	243.96	247.10	251.85	253.90	254.04	259.73	255.47	266.03	271.83
1978	275.99	260.34	262.98	266.73	263.50	261.86	269.95	277.58	280.04	287.51	287.95	287.32	299.25
1979	298.59	286.02	284.26	283.82	275.88	287.30	292.03	302.03	304.15	307.48	310.27	321.49	330.93
1980	330.58	316.66	313.96	317.15	317.10	317.10	329.81	334.28	335.66	342.99	344.86	346.33	352.08
1981	351.90	339.95	334.74	334.40	338.62	342.37	351.45	353.15	357.84	371.91	361.66	363.38	375.40
1982		367.98	367.14										

PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	5.81	5.59	5.64	5.65	5.70	5.72	5.75	5.81	5.84	5.93	5.90	6.06	6.15
1978	6.33	6.14	6.13	6.16	6.20	6.22	6.22	6.28	6.35	6.49	6.50	6.53	6.65
1979	6.88	6.56	6.58	6.57	6.60	6.76	6.76	6.88	6.96	7.02	7.10	7.29	7.42
1980	7.67	7.33	7.37	7.41	7.55	7.55	7.67	7.72	7.77	7.76	7.82	7.98	8.02
1981	8.28	7.98	7.97	8.00	8.14	8.23	8.25	8.29	8.40	8.53	8.45	8.51	8.61
1982		8.72	8.70										

PRODUCTION-WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	43.5	43.0	43.7	43.2	42.8	43.2	43.8	43.7	43.5	43.8	43.3	43.9	44.2
1978	43.6	42.4	42.9	43.3	42.5	42.1	43.4	44.2	44.1	44.3	44.3	44.0	45.0
1979	43.4	43.6	43.2	43.2	41.8	42.5	43.2	43.9	43.7	43.8	43.7	44.1	44.6
1980	43.1	43.2	42.6	42.8	42.0	42.0	43.0	43.3	43.2	44.2	44.1	43.4	43.9
1981	42.5	42.6	42.0	41.8	41.6	41.6	42.6	42.6	42.6	43.6	42.8	42.7	43.6
1982		42.2	42.2										

See footnotes at end of tables.

SIC 204—GRAIN MILL PRODUCTS (Con.)

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	6.1	6.4	6.6	5.7	5.7	5.8	5.8	6.0	5.9	6.7	6.3	6.4	6.3
1978	6.3	6.3	6.3	6.1	5.8	5.2	5.7	6.4	6.4	7.1	7.0	6.2	6.8
1979	6.1	6.5	6.2	6.0	4.9	5.3	5.6	6.4	6.3	6.8	6.5	6.7	6.6
1980	5.8	6.2	5.8	5.7	5.3	4.8	5.5	5.8	5.7	6.4	6.2	5.9	5.9
1981	5.4	5.7	5.2	4.9	4.8	4.9	5.3	5.5	5.6	6.3	5.7	5.2	5.3
1982		5.6	4.9										

SIC 2041—FLOUR AND OTHER GRAIN MILL PRODUCTS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	24.8	23.6	24.3	24.3	24.5	24.5	24.9	24.8	25.1	25.1	25.2	25.4	25.5
1978	25.4	25.6	25.8	25.9	25.5	25.1	25.7	25.3	25.1	25.2	25.3	25.1	25.3
1979	25.7	25.0	24.9	24.8	25.2	25.2	25.6	25.9	26.1	25.8	26.3	26.6	27.0
1980	26.7	26.8	26.6	26.6	26.3	26.1	25.8	26.6	27.0	27.2	26.8	27.0	27.0
1981	26.1	26.6	26.4	26.2	25.4	25.3	25.4	25.8	25.9	26.5	26.5	26.4	26.4
1982		26.5	26.3										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	16.3	15.1	16.1	16.1	16.2	16.0	16.4	16.3	16.5	16.5	16.6	16.7	16.7
1978	16.1	16.4	16.4	16.5	16.3	15.9	16.3	15.9	15.7	15.9	15.9	16.0	16.1
1979	16.1	15.9	15.6	15.5	15.7	15.7	16.0	16.1	16.2	16.0	16.4	16.6	16.9
1980	16.1	16.7	16.4	16.4	16.1	16.0	14.9	15.7	16.0	16.3	16.0	16.1	16.4
1981	16.3	16.5	16.3	16.4	16.2	15.9	16.2	16.6	16.6	16.3	16.2	16.1	16.1
1982		16.0	15.9										

PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	281.27	258.33	277.65	275.42	276.12	268.08	271.56	277.52	283.41	293.26	292.34	306.40	295.68
1978	307.56	285.25	284.99	295.60	289.61	287.95	288.63	304.40	315.79	330.62	335.59	341.29	333.22
1979	325.06	304.41	310.36	303.79	296.42	305.92	311.64	327.36	329.10	346.86	352.97	359.95	352.94
1980	351.72	328.99	325.02	328.24	322.58	333.58	340.93	360.96	365.77	372.56	374.93	385.02	377.74
1981	370.80	357.15	356.00	353.42	357.78	359.74	373.46	371.54	381.49	395.87	379.85	378.16	386.46
1982		382.75	385.00										

PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	6.01	5.69	5.87	5.86	5.85	5.79	5.84	5.93	6.03	6.20	6.22	6.41	6.40
1978	6.73	6.41	6.39	6.44	6.45	6.50	6.53	6.69	6.85	7.11	7.08	7.17	7.12
1979	7.16	6.95	6.99	6.92	6.83	6.89	6.91	7.04	7.17	7.38	7.51	7.61	7.59
1980	7.73	7.36	7.37	7.46	7.59	7.53	7.61	7.83	7.90	7.91	7.91	8.14	8.02
1981	8.24	7.99	8.00	7.96	8.04	8.03	8.19	8.22	8.44	8.55	8.46	8.46	8.55
1982		8.64	8.75										

PRODUCTION-WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	46.8	45.4	47.3	47.0	47.2	46.3	46.5	46.8	47.0	47.3	47.0	47.8	46.2
1978	45.7	44.5	44.6	45.9	44.9	44.3	44.2	45.5	46.1	46.5	47.4	47.6	46.8
1979	45.4	43.8	44.4	43.9	43.4	44.4	45.1	46.5	45.9	47.0	47.0	47.3	46.5
1980	45.5	44.7	44.1	44.0	42.5	44.3	44.8	46.1	46.3	47.1	47.4	47.3	47.1
1981	45.0	44.7	44.5	44.4	44.5	44.8	45.6	45.2	45.2	46.3	44.9	44.7	45.2
1982		44.3	44.0										

PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	6.9	6.9	7.7	7.1	7.2	5.9	6.2	6.3	6.6	7.5	7.5	7.7	6.6
1978	6.9	6.3	6.6	6.7	6.0	5.3	5.8	6.6	6.8	8.2	8.7	8.1	7.8
1979	7.3	6.3	6.5	6.9	5.9	6.3	6.7	8.2	7.3	8.6	8.4	8.6	7.5
1980	6.3	6.5	5.8	5.4	5.3	5.2	5.6	6.8	6.5	7.7	7.1	7.1	6.8
1981	5.8	5.9	6.0	5.2	5.4	5.3	6.2	6.3	5.8	7.1	5.6	5.2	5.1
1982		5.8	5.6										

See footnotes at end of tables.

SIC 2048—PREPARED FEEDS, NEC

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	58.2	56.3	56.9	55.9	56.3	57.1	58.5	59.5	59.8	60.0	59.6	59.2	59.0
1978	58.9	58.6	58.7	58.4	58.2	58.8	59.7	59.1	59.3	59.0	59.1	58.9	59.1
1979	58.4	59.1	59.0	58.3	57.6	57.6	58.8	59.0	58.4	58.2	58.3	58.2	58.0
1980	56.8	58.2	57.4	57.5	56.2	55.9	57.0	56.0	56.6	57.2	57.2	55.8	56.1
1981	54.1	56.2	55.2	54.1	53.2	54.1	54.3	53.9	54.0	53.5	53.6	52.4	52.1
1982		53.1	52.8										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	35.8	34.0	34.6	34.1	34.2	35.1	36.5	37.1	37.3	37.2	36.7	36.7	36.5
1978	37.1	36.3	36.6	36.4	36.3	36.9	37.7	37.2	37.4	37.6	37.7	37.5	37.7
1979	38.5	38.0	38.0	37.5	38.0	38.1	39.4	39.3	39.2	38.9	38.8	38.7	38.6
1980	36.9	38.7	37.3	37.3	36.1	35.9	37.1	36.3	36.8	37.5	37.4	36.2	36.3
1981	35.2	36.6	35.8	35.4	34.5	35.4	35.5	35.1	35.5	35.1	35.0	34.6	34.4
1982		34.4	34.1										

PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	200.81	196.02	196.45	194.23	196.27	195.53	201.52	200.94	196.23	203.78	202.53	206.35	226.02
1978	221.19	210.38	214.34	218.94	209.39	211.23	216.72	224.64	220.25	229.62	228.51	226.80	237.86
1979	246.52	236.12	233.99	234.96	231.01	236.85	238.82	250.32	251.30	255.11	254.46	261.51	263.88
1980	268.08	266.03	253.38	255.73	258.26	256.81	263.09	271.48	268.55	282.83	282.04	278.63	282.21
1981	285.24	282.94	276.41	272.54	276.12	275.64	280.36	285.78	284.14	295.67	294.29	297.30	301.71
1982		293.70	293.44										

PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	4.67	4.58	4.59	4.57	4.64	4.59	4.58	4.63	4.65	4.75	4.71	4.81	4.87
1978	5.05	4.95	4.95	5.01	4.95	4.97	4.87	4.97	5.04	5.15	5.17	5.19	5.21
1979	5.59	5.33	5.33	5.34	5.41	5.47	5.44	5.60	5.65	5.72	5.77	5.83	5.84
1980	6.22	6.06	5.99	6.06	6.12	6.10	6.09	6.17	6.26	6.37	6.41	6.51	6.55
1981	6.68	6.58	6.55	6.52	6.59	6.61	6.52	6.60	6.67	6.86	6.86	6.93	6.92
1982		7.06	7.02										

PRODUCTION-WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	43.0	42.8	42.8	42.5	42.3	42.6	44.0	43.4	42.2	42.9	43.0	42.9	44.4
1978	43.8	42.5	43.3	43.7	42.3	42.5	44.5	45.2	43.7	44.5	44.2	43.7	44.8
1979	44.1	44.3	43.9	44.0	42.7	43.3	43.9	44.7	44.4	44.6	44.1	44.1	44.7
1980	43.1	43.9	42.3	42.2	42.2	42.1	43.2	44.0	42.9	44.4	44.0	42.8	43.1
1981	42.7	43.0	42.2	41.8	41.9	41.7	43.0	43.3	42.6	43.1	42.9	42.9	43.4
1982		41.6	41.8										

PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	6.1	6.2	5.9	5.3	5.3	5.7	6.4	6.2	5.7	6.4	6.3	6.3	5.6
1978	6.6	6.6	6.9	7.0	5.7	5.8	6.7	7.3	6.6	7.4	6.8	6.0	5.6
1979	6.5	7.0	6.5	6.2	5.4	5.7	6.1	7.1	6.6	7.3	6.7	6.5	6.6
1980	6.1	6.7	5.7	5.5	5.8	5.3	6.2	6.9	6.3	7.0	6.5	5.8	6.0
1981	5.7	6.2	5.4	5.1	5.0	5.4	5.9	6.2	5.8	6.1	5.7	5.5	5.6
1982		5.8	4.9										

SIC 205—BAKERY PRODUCTS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	235.8	233.4	231.8	232.0	232.8	234.4	236.1	236.2	238.4	239.3	238.8	238.0	238.2
1978	234.3	235.9	231.8	233.2	233.4	232.8	235.8	235.4	234.9	234.9	234.5	234.9	235.5
1979	231.2	232.3	230.5	232.0	231.8	231.4	232.4	231.4	231.3	230.3	231.7	230.6	228.9
1980	224.9	226.5	224.2	224.6	224.5	225.2	225.7	226.4	225.8	224.8	224.0	224.2	222.4
1981	219.0	219.1	217.9	217.6	218.0	218.2	219.9	219.3	219.3	220.9	219.5	219.5	218.2
1982		215.8	216.2										

SIC 205—BAKERY PRODUCTS (Con.)

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	61.6	59.6	59.0	59.7	60.6	60.3	60.3	61.1	63.0	64.3	64.1	63.7	62.9
1978	62.8	62.4	61.9	62.6	63.1	62.5	63.0	62.9	62.6	63.4	63.1	63.5	62.4
1979	61.7	62.1	61.6	62.2	62.2	61.9	62.2	61.3	61.3	61.2	62.4	61.3	60.9
1980	59.0	59.9	58.9	59.7	59.4	59.1	58.7	58.7	59.0	58.9	59.1	58.6	57.7
1981	57.5	56.8	56.6	57.2	57.1	57.1	57.7	57.4	57.6	58.5	58.6	58.2	57.8
1982		56.6	56.9										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	136.3	134.5	132.8	133.3	133.8	135.1	136.4	136.6	138.4	139.4	138.6	138.2	138.7
1978	136.4	136.9	134.7	135.7	135.7	135.6	137.4	137.3	137.5	136.9	136.5	136.7	135.7
1979	135.4	135.6	134.2	135.5	135.4	135.1	136.4	135.8	135.5	135.2	136.2	135.5	133.8
1980	131.2	131.7	129.8	130.4	130.6	130.9	131.5	131.9	132.3	131.8	131.9	131.2	130.2
1981	127.4	127.5	126.6	126.1	126.0	126.0	127.6	127.4	127.9	129.5	128.1	128.2	127.4
1982		124.9	125.6										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	217.72	206.36	209.04	209.72	210.75	214.03	218.35	220.89	220.97	223.79	224.58	226.10	228.49
1978	232.61	221.16	223.49	226.98	226.40	230.89	234.23	235.80	236.38	239.68	237.78	242.97	242.35
1979	250.10	236.75	240.38	243.18	242.95	247.94	252.20	254.80	254.53	261.97	262.39	270.28	268.91
1980	276.31	263.58	265.73	267.26	267.72	278.78	280.08	281.35	280.24	286.73	285.64	292.16	294.45
1981	300.67	288.42	291.84	291.83	292.99	298.38	301.86	303.01	300.99	308.27	305.98	308.99	311.81
1982		297.30	307.63										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.56	5.36	5.36	5.35	5.39	5.46	5.50	5.55	5.58	5.68	5.70	5.76	5.77
1978	5.99	5.76	5.79	5.82	5.82	5.89	5.96	6.00	6.03	6.13	6.16	6.23	6.23
1979	6.54	6.27	6.26	6.30	6.36	6.44	6.50	6.55	6.56	6.70	6.78	6.86	6.86
1980	7.21	6.90	6.92	6.96	6.99	7.13	7.20	7.27	7.26	7.39	7.40	7.53	7.55
1981	7.83	7.57	7.60	7.58	7.63	7.73	7.80	7.85	7.90	8.07	8.01	8.11	8.12
1982		8.19	8.16										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	39.3	38.5	39.0	39.2	39.1	39.2	39.7	39.8	39.6	39.4	39.4	39.6	39.6
1978	39.0	38.4	38.6	39.0	38.9	39.2	39.3	39.3	39.2	39.1	38.6	39.0	38.9
1979	38.7	37.6	38.4	38.6	38.2	38.5	38.8	38.9	38.8	39.1	38.7	39.4	39.2
1980	38.6	38.2	38.4	38.4	38.3	39.1	38.9	38.7	38.6	38.8	38.6	38.8	39.0
1981	38.4	38.1	38.4	38.5	38.4	38.6	38.7	38.6	38.1	38.2	38.2	38.1	38.4
1982		36.3	37.7										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.4	3.0	3.1	3.2	3.3	3.4	3.4	3.6	3.5	3.6	3.6	3.6	3.6
1978	3.4	2.9	3.4	3.3	3.3	3.7	3.6	3.5	3.4	3.6	3.2	3.5	3.3
1979	3.3	2.8	3.1	3.2	3.0	3.4	3.4	3.5	3.2	3.6	3.1	3.7	3.4
1980	3.3	2.9	3.0	3.1	3.1	3.3	3.4	3.4	3.3	3.4	3.3	3.6	3.4
1981	3.1	3.0	3.0	2.8	3.1	3.1	3.2	3.3	3.1	3.5	3.0	3.0	3.0
1982		2.7	2.8										

SIC 2051—BREAD, CAKE, AND RELATED PRODUCTS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	194.4	191.5	191.6	190.8	191.3	193.7	195.7	194.9	196.3	196.2	196.7	196.6	196.9
1978	191.2	194.2	189.7	190.4	190.2	190.9	193.2	192.5	191.6	190.7	190.4	190.8	189.8
1979	187.4	187.9	187.0	187.7	187.6	187.9	189.0	188.4	187.9	186.7	186.9	186.7	185.3
1980	182.0	183.0	181.8	182.1	181.6	182.9	184.3	184.0	182.4	181.0	179.8	181.1	179.9
1981	176.8	176.4	175.0	175.0	176.1	176.9	178.6	178.2	178.0	178.3	176.8	176.6	176.2
1982		174.1	173.9										

SIC 2051—BREAD, CAKE, AND RELATED PRODUCTS (Con.)

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	41.9	40.6	40.5	40.4	40.9	41.4	41.6	40.7	42.4	43.2	43.5	43.8	43.4
1978	42.3	42.5	41.8	42.1	42.4	42.6	42.5	42.5	42.0	42.3	42.2	42.6	42.1
1979	41.2	41.4	41.1	41.5	41.4	41.7	41.7	41.1	41.0	40.9	41.1	40.9	40.6
1980	39.1	39.6	39.2	39.6	39.3	39.5	39.6	39.3	38.9	38.4	38.3	38.7	38.2
1981	38.0	37.1	37.2	37.5	37.7	38.0	38.6	38.1	38.5	38.6	38.5	38.2	38.2
1982		37.5	37.4										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	103.4	101.1	100.7	100.5	100.9	102.8	104.3	103.9	105.2	105.0	105.2	105.4	105.7
1978	102.3	103.7	101.3	101.7	101.7	102.4	103.8	103.4	103.1	101.7	101.5	102.0	101.6
1979	101.1	100.7	99.9	100.4	100.5	101.2	102.5	102.2	101.8	101.2	101.1	101.3	100.1
1980	97.7	98.1	97.0	97.4	97.1	98.1	99.5	99.0	98.3	97.2	96.7	97.4	96.8
1981	94.0	93.9	92.8	92.7	93.1	93.7	95.2	94.9	95.0	95.2	93.8	94.0	93.8
1982		92.1	92.3										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	217.72	205.06	207.73	208.01	210.11	214.19	219.30	222.80	221.60	223.57	223.26	226.37	227.73
1978	233.58	219.46	225.04	225.04	225.82	232.46	235.86	239.34	238.29	241.02	237.08	241.64	241.25
1979	253.72	234.87	240.28	241.42	243.72	250.51	253.87	256.97	255.92	260.84	263.73	271.26	268.19
1980	277.37	260.94	265.24	266.82	268.22	279.41	281.44	284.90	282.27	284.97	282.72	287.28	287.66
1981	299.79	280.46	286.13	285.76	291.85	297.96	304.92	306.43	305.90	310.84	305.42	311.58	314.00
1982		304.06	306.23										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.54	5.34	5.34	5.32	5.36	5.45	5.51	5.57	5.61	5.66	5.71	5.76	5.78
1978	6.02	5.76	5.80	5.83	5.82	5.93	6.00	6.09	6.11	6.18	6.19	6.26	6.25
1979	6.59	6.29	6.29	6.32	6.38	6.49	6.56	6.64	6.63	6.74	6.85	6.92	6.93
1980	7.28	6.94	6.98	7.04	7.04	7.22	7.31	7.40	7.37	7.46	7.44	7.60	7.59
1981	7.91	7.58	7.63	7.60	7.66	7.80	7.92	7.98	8.05	8.18	8.08	8.21	8.22
1982		8.24	8.21										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	39.3	38.4	38.9	39.1	39.2	39.3	39.8	40.0	39.5	39.5	39.1	39.3	39.4
1978	38.8	38.1	38.8	38.6	38.8	39.2	39.3	39.3	39.0	39.0	38.3	38.6	38.6
1979	38.5	37.8	38.2	38.2	38.2	38.6	38.7	38.7	38.6	38.7	38.5	39.2	38.7
1980	38.1	37.6	38.0	37.9	38.1	38.7	38.5	38.5	38.3	38.2	38.0	37.8	37.9
1981	37.9	37.0	37.5	37.6	38.1	38.2	38.5	38.4	38.0	38.0	37.8	38.0	38.2
1982		36.9	37.3										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.7	3.3	3.4	3.4	3.5	3.9	3.9	4.1	4.0	4.0	3.7	3.8	3.8
1978	3.7	3.2	3.6	3.5	3.5	4.2	4.0	4.0	3.7	4.1	3.5	3.9	3.7
1979	3.7	3.1	3.4	3.5	3.6	3.9	3.8	3.9	3.5	4.0	3.4	4.3	3.7
1980	3.5	3.0	3.3	3.3	3.4	3.6	3.8	3.8	3.6	3.7	3.5	3.7	3.4
1981	3.3	2.9	3.0	2.8	3.3	3.3	3.5	3.6	3.3	3.9	3.1	3.4	3.3
1982		3.0	3.0										

SIC 2052—COOKIES AND CRACKERS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	41.4	41.9	40.2	41.2	41.5	40.7	40.4	41.3	42.1	43.1	42.1	41.4	41.3
1978	43.1	41.7	42.1	42.8	43.2	41.9	42.6	42.9	43.3	44.2	44.1	44.1	43.7
1979	43.8	44.4	43.5	44.3	44.2	43.5	43.4	43.0	43.4	43.6	44.8	43.9	43.6
1980	42.9	43.5	42.4	42.5	42.9	42.3	41.4	42.4	43.4	43.8	44.2	43.1	42.5
1981	42.1	42.7	42.9	42.6	41.9	41.3	41.3	41.1	41.3	42.6	42.7	42.9	42.0
1982		41.7	42.3										

See footnotes at end of tables.

SIC 2052—COOKIES AND CRACKERS (Con.)

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	19.7	19.2	18.5	19.3	19.7	18.9	18.7	20.4	20.6	21.1	20.6	19.9	19.5
1978	20.5	19.9	20.1	20.5	20.7	19.9	20.5	20.4	20.6	21.1	20.9	20.9	20.3
1979	20.5	20.3	20.5	20.7	20.8	20.2	20.5	20.2	20.3	20.3	21.3	20.4	20.3
1980	19.9	20.3	19.7	20.1	20.1	19.6	19.1	19.4	20.1	20.5	20.6	19.9	19.5
1981	19.5	19.7	19.4	19.7	19.4	19.0	19.1	19.3	19.1	19.9	20.1	20.0	19.6
1982		19.1	19.5										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	32.9	33.4	32.1	32.8	32.9	32.3	32.1	32.7	33.2	34.4	33.8	32.8	32.5
1978	34.1	33.2	33.4	34.0	34.0	33.2	33.6	33.9	34.4	35.2	35.0	34.7	34.1
1979	34.3	34.9	34.3	35.1	34.9	33.9	33.9	33.6	33.7	34.0	35.1	34.2	33.7
1980	33.5	33.6	32.8	33.0	33.5	32.8	32.0	32.9	34.0	34.6	35.2	33.8	33.4
1981	33.4	33.6	33.8	33.4	32.9	32.3	32.4	32.5	32.9	34.3	34.3	34.2	33.6
1982		32.8	33.3										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	219.62	208.83	213.25	214.24	211.69	214.18	214.82	217.09	218.10	225.01	227.93	234.09	233.28
1978	232.07	225.40	219.08	232.76	227.56	226.97	228.91	224.43	231.05	234.23	239.16	247.85	246.94
1979	251.13	236.98	240.79	245.44	239.65	240.91	249.40	248.22	250.98	263.71	259.91	267.07	271.21
1980	281.10	271.88	265.16	268.93	266.08	276.86	274.60	270.87	274.53	291.26	291.60	304.29	313.97
1981	301.36	311.33	306.06	307.98	296.32	298.94	295.81	292.04	288.37	299.54	306.54	301.82	305.15
1982		279.34	313.58										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.56	5.41	5.44	5.41	5.47	5.52	5.48	5.51	5.48	5.74	5.67	5.78	5.76
1978	5.89	5.75	5.75	5.79	5.80	5.79	5.81	5.74	5.82	5.96	6.07	6.15	6.19
1979	6.39	6.22	6.19	6.24	6.29	6.29	6.33	6.30	6.37	6.56	6.58	6.66	6.68
1980	7.01	6.78	6.73	6.74	6.84	6.87	6.87	6.91	6.95	7.21	7.29	7.35	7.44
1981	7.61	7.52	7.52	7.53	7.54	7.53	7.47	7.45	7.49	7.74	7.82	7.86	7.85
1982		8.05	8.02										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	39.5	38.6	39.2	39.6	38.7	38.8	39.2	39.4	39.6	39.2	40.2	40.5	40.5
1978	39.4	39.2	38.1	40.2	39.1	39.2	39.4	39.1	39.7	39.3	39.4	40.1	39.9
1979	39.3	38.1	38.9	39.5	38.1	38.3	39.4	39.4	39.4	40.2	39.5	40.1	40.6
1980	40.1	40.1	39.4	39.9	38.9	40.3	40.0	39.2	39.5	40.4	40.0	41.4	42.2
1981	39.6	41.4	40.7	40.9	39.3	39.7	39.6	39.2	38.5	38.7	39.2	38.4	39.0
1982		34.7	39.1										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	2.4	2.0	2.3	2.4	2.6	1.9	1.7	2.1	2.2	2.5	3.1	2.8	2.7
1978	2.3	2.0	2.6	2.8	2.5	2.1	2.2	1.9	2.4	2.4	2.4	2.4	2.3
1979	2.1	1.8	2.1	2.3	1.5	1.8	2.2	2.1	2.3	2.5	2.3	2.0	2.5
1980	2.6	2.6	2.3	2.6	2.1	2.1	2.2	2.2	2.4	2.8	2.8	3.2	3.3
1981	2.5	3.2	2.9	2.8	2.5	2.4	2.4	2.4	2.4	2.5	2.7	2.1	2.2
1982		2.0	2.3										

SIC 206—SUGAR AND CONFECTIONERY PRODUCTS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	111.3	119.9	114.0	107.6	103.8	104.3	104.3	103.3	105.7	111.0	124.5	118.7	118.8
1978	110.4	113.8	109.5	105.9	104.8	102.6	103.0	101.3	106.9	112.3	121.6	121.7	120.9
1979	110.2	114.6	108.3	106.7	103.6	102.2	103.7	100.9	108.4	111.7	122.1	121.7	118.3
1980	105.8	112.5	110.2	104.7	97.5	97.4	98.3	96.5	104.1	106.2	117.2	111.8	112.7
1981	107.2	108.5	106.8	99.9	99.7	99.5	99.9	100.0	104.9	107.6	122.9	120.2	116.2
1982		111.1	109.6										

See footnotes at end of tables.

SIC 206—SUGAR AND CONFECTIONERY PRODUCTS (Con.)

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	38.7	39.4	38.2	37.5	35.6	35.0	35.0	35.5	36.8	39.6	45.0	43.7	43.2
1978	40.2	40.2	39.5	37.6	36.7	35.9	36.6	36.6	38.9	43.0	46.5	45.6	45.0
1979	43.4	42.9	41.0	40.7	39.4	38.9	39.8	39.4	43.7	46.6	50.2	50.5	48.4
1980	41.9	45.0	43.6	41.5	39.3	37.9	37.1	37.0	41.7	43.3	48.1	48.4	48.6
1981	42.5	42.6	41.6	38.5	38.5	38.5	38.6	38.6	40.1	44.1	50.2	49.1	47.6
1982		44.1	43.4										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	65.4	63.1	62.6	61.4	78.4	78.2	78.0	77.4	79.6	83.4	88.3	93.5	93.3
1978	64.3	62.9	63.6	60.0	78.9	76.9	77.2	75.7	80.4	86.3	94.5	94.7	94.2
1979	63.2	66.3	62.0	60.5	76.7	75.1	76.2	74.1	81.6	84.6	94.3	94.0	93.0
1980	74.9	65.3	62.7	72.2	71.0	70.9	71.8	70.6	77.5	79.7	89.9	88.4	87.6
1981	81.5	81.9	80.7	74.1	73.5	74.1	74.4	74.6	79.2	82.0	97.1	94.9	93.9
1982		85.2	83.8										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	203.30	194.72	197.21	203.31	200.43	201.24	205.01	205.39	211.47	211.20	200.07	201.11	204.60
1978	219.91	205.52	204.90	217.33	214.79	219.13	221.09	223.79	225.16	227.66	226.43	227.03	234.18
1979	237.34	225.43	226.38	231.21	224.17	235.35	239.77	237.39	241.74	241.39	241.74	245.82	253.63
1980	259.52	245.50	245.10	250.93	252.18	257.67	260.95	265.05	266.40	267.45	257.90	265.55	272.64
1981	289.76	276.06	274.53	286.08	288.27	293.20	293.53	294.12	288.68	291.67	294.94	293.39	294.98
1982		293.38	301.43										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.16	4.98	4.98	5.07	5.10	5.16	5.19	5.28	5.30	5.32	5.13	5.17	5.16
1978	5.61	5.36	5.45	5.53	5.55	5.59	5.64	5.68	5.73	5.77	5.68	5.67	5.73
1979	6.07	5.82	5.98	5.99	6.01	6.05	6.07	6.15	6.12	6.08	6.12	6.15	6.19
1980	6.97	6.41	6.42	6.45	6.55	6.59	6.64	6.71	6.66	6.62	6.48	6.52	6.57
1981	7.19	6.85	6.95	7.17	7.26	7.33	7.32	7.39	7.29	7.31	7.09	7.19	7.19
1982		7.39	7.37										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	39.4	39.1	39.6	40.1	39.3	39.0	39.5	38.9	39.9	39.7	39.1	38.3	38.7
1978	39.2	38.2	37.6	39.3	38.7	39.2	39.2	39.4	39.3	39.8	39.9	38.8	38.8
1979	39.1	38.8	38.5	38.6	37.3	38.9	39.5	38.6	39.5	39.7	39.5	39.9	39.9
1980	39.5	38.3	38.4	38.9	38.5	39.1	39.3	39.5	40.0	40.4	39.8	40.1	40.7
1981	40.3	40.3	39.5	39.9	39.7	40.0	40.1	39.6	39.6	39.9	41.6	40.6	41.2
1982		39.7	40.9										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.3	3.3	3.3	2.9	2.7	2.6	2.7	2.9	3.5	3.7	4.3	3.7	3.7
1978	3.1	3.4	3.2	3.1	2.5	2.6	2.5	2.5	2.9	3.3	3.6	3.4	3.6
1979	3.0	3.1	2.8	3.0	1.9	2.4	2.4	2.4	3.1	3.3	3.7	3.8	3.9
1980	2.5	2.0	1.9	1.9	1.8	1.9	1.9	2.2	2.8	3.3	3.3	3.6	3.6
1981	3.0	3.0	2.7	2.8	2.6	2.5	2.4	2.6	2.7	3.3	4.3	3.5	3.5
1982		3.1	2.9										

SIC 2061-3—CANE AND BEET SUGAR

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	34.5	43.0	38.2	31.9	29.7	31.0	30.8	29.5	29.7	31.9	43.2	36.9	36.7
1978	32.7	35.5	31.9	30.2	30.3	29.0	29.4	28.0	29.1	32.0	39.0	34.5	36.2
1979	30.7	35.9	31.8	30.4	29.0	27.8	27.9	26.2	27.2	28.1	35.3	34.7	33.5
1980	29.7	31.9	30.6	28.0	24.1	26.2	26.9	26.0	26.9	27.4	37.1	36.3	35.0
1981	31.7	33.0	32.3	28.9	28.9	29.1	28.6	28.2	28.6	28.5	40.8	37.7	35.5
1982		34.7	34.0										

SIC 2061-3—CANE AND BEET SUGAR (Con.)

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	26.1	33.7	29.5	23.6	21.8	22.7	22.2	21.1	21.4	23.7	33.7	29.4	30.6
1978	24.0	27.3	23.4	21.8	21.7	20.5	20.8	19.5	20.4	23.4	29.9	29.8	29.4
1979	21.9	26.7	20.5	21.4	20.4	19.2	19.2	18.0	18.9	19.5	26.3	26.0	25.2
1980	22.4	32.2	21.9	19.3	16.2	17.9	18.5	17.7	18.5	19.1	27.6	26.9	26.0
1981	23.3	24.3	23.7	20.2	20.3	20.9	20.4	20.1	20.4	20.3	32.4	29.5	27.6
1982		26.1	25.5										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	242.61	232.40	236.97	245.21	245.41	240.98	245.60	252.10	255.56	257.68	222.72	230.89	256.80
1978	265.66	241.72	258.59	263.19	251.46	263.68	273.64	278.26	282.77	274.11	261.62	272.41	272.24
1979	288.23	270.14	277.80	279.17	265.36	283.58	287.83	293.79	288.86	297.82	293.44	309.82	308.66
1980	329.27	299.53	316.41	326.78	327.41	334.97	330.06	344.04	349.29	350.92	293.46	327.78	335.09
1981	356.83	336.49	337.68	357.00	356.90	357.86	372.38	379.73	368.94	374.96	346.54	351.85	352.72
1982		357.73	351.09										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.99	5.60	5.71	6.01	6.12	6.07	6.14	6.24	6.31	6.41	5.80	5.86	6.00
1978	6.63	6.23	6.53	6.68	6.60	6.62	6.79	6.82	6.88	6.87	6.59	6.58	6.56
1979	7.29	6.71	6.98	7.14	7.29	7.25	7.25	7.29	7.35	7.39	7.41	7.52	7.51
1980	7.90	7.70	7.93	8.19	8.31	8.17	8.19	8.29	8.18	8.18	7.30	7.57	7.53
1981	8.26	7.71	7.95	8.50	8.60	8.48	8.64	8.79	8.58	8.72	7.77	8.07	7.98
1982		8.30	8.30										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	40.5	41.5	41.5	40.8	40.1	39.7	40.0	40.4	40.5	40.2	38.4	39.4	42.8
1978	40.1	38.8	39.6	39.4	38.1	39.8	40.3	40.8	41.1	39.9	39.7	41.4	41.5
1979	39.7	40.2	39.8	39.1	39.4	38.9	39.7	40.3	39.3	40.3	39.6	41.2	41.1
1980	41.3	38.9	39.9	39.9	39.4	41.0	40.3	41.5	42.7	42.9	40.2	43.3	44.5
1981	43.2	43.7	42.5	42.0	41.5	42.2	43.1	43.2	43.0	43.0	44.6	43.6	44.2
1982		43.1	42.3										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.7	4.5	4.8	3.9	3.7	3.2	3.7	4.6	4.6	4.9	5.7	5.5	6.1
1978	4.3	4.7	5.1	4.1	2.9	3.0	3.4	3.9	4.3	4.3	5.0	4.7	5.0
1979	4.1	4.9	4.5	4.7	3.0	2.9	2.9	3.8	3.3	4.1	5.4	5.8	4.8
1980	2.6	1.0	1.1	.8	.9	1.5	1.4	2.8	3.3	3.7	4.1	4.4	4.0
1981	4.4	4.1	3.9	3.3	3.5	3.1	3.7	4.4	3.8	5.0	6.7	5.4	4.7
1982		5.2	4.4										

SIC 2065—CONFECTIONERY PRODUCTS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	57.0	57.1	55.9	55.7	54.6	53.7	53.8	53.7	55.8	59.4	62.1	61.9	60.1
1978	57.6	56.7	58.3	56.8	55.4	54.3	54.4	53.5	57.1	59.1	61.4	61.3	61.2
1979	59.0	59.3	59.5	56.5	54.9	54.7	55.0	54.0	60.1	62.4	65.8	66.2	64.1
1980	56.3	60.1	59.6	57.2	54.2	52.6	52.0	50.1	56.4	57.9	59.7	59.0	57.6
1981	55.9	55.7	55.0	51.6	51.5	51.4	52.3	52.5	56.2	58.7	62.1	62.6	60.6
1982		58.4	55.9										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	45.1	45.4	44.1	43.6	42.9	41.8	41.9	42.1	44.1	47.9	50.6	50.5	48.6
1978	46.1	46.6	46.6	44.9	43.7	42.6	42.8	42.2	45.5	47.4	50.0	49.8	50.1
1979	46.7	47.0	46.3	45.2	42.4	42.1	42.3	41.4	47.5	49.6	52.9	53.1	51.0
1980	44.1	47.9	47.0	44.5	41.7	40.4	39.9	38.6	44.3	45.8	47.6	46.2	45.7
1981	44.5	44.4	43.9	40.9	40.3	40.6	41.3	41.8	45.3	47.8	51.2	51.9	49.6
1982		45.7	45.1										

See footnotes at end of tables.

SIC 2065—CONFECTIONERY PRODUCTS (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	175.41	160.95	164.43	175.56	173.12	176.10	177.49	179.83	185.73	184.63	178.55	176.87	174.55
1978	191.46	180.21	176.64	191.10	191.07	192.73	189.09	197.18	192.79	198.69	200.30	193.83	193.72
1979	206.36	192.51	194.25	202.54	198.97	205.59	210.99	208.07	214.03	211.14	208.26	212.07	215.82
1980	220.22	211.69	212.22	212.35	216.60	215.46	222.51	222.53	226.78	225.55	225.58	223.87	227.92
1981	245.11	232.86	231.24	244.58	248.45	251.94	248.20	244.72	240.38	245.24	252.73	246.63	247.35
1982		244.22	259.38										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.58	4.35	4.35	4.49	4.52	4.61	4.61	4.72	4.75	4.71	4.59	4.63	4.63
1978	4.96	4.78	4.80	4.90	4.95	4.98	4.95	5.03	5.06	5.03	5.02	4.97	4.98
1979	5.36	5.12	5.18	5.33	5.32	5.34	5.41	5.49	5.46	5.40	5.34	5.41	5.45
1980	5.72	5.63	5.57	5.53	5.70	5.67	5.72	5.78	5.80	5.71	5.74	5.83	5.92
1981	6.35	6.08	6.15	6.32	6.42	6.51	6.43	6.44	6.41	6.42	6.35	6.34	6.31
1982		6.53	6.55										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	38.3	37.0	37.8	39.1	38.3	38.2	38.5	38.1	39.1	39.2	38.9	38.2	37.7
1978	38.6	37.7	36.8	39.0	38.6	38.7	38.2	39.2	38.1	39.5	39.9	39.0	38.9
1979	38.5	37.6	37.5	38.0	37.4	38.5	39.0	37.9	39.2	39.1	39.0	39.2	39.6
1980	38.5	37.6	38.1	38.4	38.0	38.0	38.9	38.5	39.1	39.5	39.3	38.4	38.5
1981	38.6	38.3	37.6	38.7	38.7	38.7	38.6	38.0	37.5	38.2	39.8	38.9	39.2
1982		38.4	39.6										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	2.4	2.2	2.3	2.2	2.0	1.9	1.8	1.8	2.7	3.1	3.6	2.7	2.3
1978	2.5	2.8	2.8	2.6	2.2	2.2	1.8	1.8	2.0	2.6	3.0	2.9	3.1
1979	2.6	2.3	2.2	2.5	1.6	2.3	2.2	1.9	3.1	2.8	3.0	3.2	3.3
1980	2.4	2.4	2.2	2.3	2.0	1.9	2.1	1.8	2.8	2.8	3.0	2.8	2.7
1981	2.4	2.2	2.3	2.6	2.3	2.2	1.8	1.7	2.1	2.6	3.2	2.7	2.4
1982		1.9	2.2										

SIC 207—FATS AND OILS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	41.7	42.4	42.1	41.6	41.4	41.0	40.6	40.1	40.1	41.1	43.0	43.8	43.4
1978	43.3	42.9	42.9	42.9	42.9	42.8	43.0	42.8	43.4	42.5	43.6	44.8	45.1
1979	44.4	44.7	44.5	44.7	44.0	44.1	43.6	43.2	43.3	43.2	45.6	46.2	46.1
1980	44.1	45.7	44.7	44.5	44.2	43.9	43.5	43.4	43.3	42.9	44.4	44.5	44.1
1981	42.8	43.5	42.7	42.2	41.6	42.1	41.8	41.6	41.4	42.2	44.2	45.1	44.6
1982		44.0	43.7										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.1	5.1	5.0	4.9	5.0	4.9	5.0	5.0	5.1	5.0	5.3	5.4	5.4
1978	5.4	5.3	5.3	5.2	5.3	5.4	5.5	5.5	5.6	5.4	5.4	5.6	5.6
1979	5.8	5.7	5.7	5.8	5.7	5.8	5.8	5.7	5.7	5.8	6.0	6.0	6.1
1980	5.9	6.0	5.8	5.8	5.8	5.9	5.9	6.0	5.9	5.7	6.0	5.9	6.0
1981	5.8	5.8	5.8	5.7	5.7	5.8	5.7	5.8	5.7	5.8	5.9	6.0	6.0
1982		6.0	5.8										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	29.8	30.3	30.3	29.8	29.2	29.0	28.5	28.1	28.3	29.3	31.0	31.8	31.8
1978	31.2	30.9	31.0	31.0	30.8	30.9	31.0	30.8	30.9	30.4	31.6	32.4	32.9
1979	32.3	32.7	32.5	32.5	31.7	31.7	31.2	31.0	31.3	31.3	33.5	34.1	33.8
1980	32.3	33.6	32.9	32.6	32.2	31.9	31.4	31.4	31.4	31.4	32.8	33.3	32.8
1981	31.8	32.5	31.7	31.3	30.8	31.1	30.9	30.7	30.5	31.3	33.3	34.1	33.6
1982		33.1	32.9										

SIC 207—FATS AND OILS (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	244.76	235.64	235.30	237.35	237.70	236.96	244.52	247.95	250.23	250.74	247.08	250.86	258.30
1978	261.62	254.18	243.53	244.29	248.89	255.13	260.71	268.89	270.14	272.00	266.66	277.06	277.68
1979	285.14	274.93	277.73	274.12	274.13	279.48	285.75	296.76	292.79	291.65	286.02	290.38	297.66
1980	302.99	296.79	289.20	296.42	295.91	295.91	301.16	303.31	311.18	312.48	304.43	314.65	317.65
1981	331.62	318.82	316.40	318.19	324.02	330.42	334.19	334.05	331.80	344.80	334.96	343.77	344.54
1982		339.47	339.12										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.55	5.38	5.35	5.37	5.39	5.46	5.57	5.70	5.70	5.66	5.59	5.65	5.74
1978	6.07	5.79	5.84	5.83	5.94	6.06	6.12	6.21	6.21	6.21	6.13	6.24	6.24
1979	6.54	6.32	6.37	6.36	6.39	6.53	6.63	6.76	6.70	6.72	6.56	6.54	6.60
1980	7.03	6.61	6.71	6.83	6.93	6.93	7.02	7.12	7.22	7.25	7.18	7.25	7.37
1981	7.73	7.38	7.48	7.54	7.66	7.72	7.79	7.86	7.90	8.00	7.90	7.76	7.76
1982		7.95	7.85										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	44.1	43.8	43.9	44.2	44.1	43.4	43.9	43.5	43.9	44.3	44.2	44.4	45.0
1978	43.1	43.9	41.7	41.9	41.9	42.1	42.6	43.3	43.5	43.8	43.5	44.4	44.5
1979	43.6	43.5	43.6	43.1	42.9	42.6	43.1	43.9	43.7	43.4	43.6	44.4	45.1
1980	43.1	44.9	43.1	43.4	43.7	42.7	42.9	43.6	43.1	43.1	42.4	43.4	43.1
1981	42.9	43.2	42.3	42.2	42.3	42.8	42.9	42.5	42.0	43.1	42.4	44.3	44.4
1982		42.7	43.2										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.9	6.0	6.1	5.7	5.5	5.3	5.5	5.6	5.8	6.2	6.5	6.4	6.5
1978	5.8	6.1	5.8	5.5	5.1	5.3	5.3	5.9	6.0	6.0	6.0	6.1	6.0
1979	5.9	6.1	6.0	5.5	5.2	5.2	5.5	6.2	5.9	5.8	6.4	6.5	6.5
1980	5.4	6.0	5.2	5.4	4.9	4.8	5.0	5.3	5.5	5.3	5.6	5.7	5.5
1981	5.3	5.6	4.9	4.6	4.3	4.6	5.4	5.4	5.1	5.7	5.7	6.6	6.1
1982		5.6	5.2										

SIC 208—BEVERAGES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	227.6	219.4	215.7	216.8	221.7	226.6	232.4	234.5	236.8	232.7	231.8	229.8	229.4
1978	234.1	226.4	224.8	226.1	231.2	231.7	239.9	243.2	242.2	237.4	235.6	234.5	234.7
1979	237.9	231.2	230.4	233.4	234.2	235.1	242.7	242.9	243.9	242.4	241.4	239.2	237.9
1980	234.3	230.6	228.4	230.5	231.1	232.7	239.1	239.2	241.4	236.0	237.3	233.8	232.7
1981	233.9	228.8	229.1	229.2	230.3	233.8	237.6	239.7	239.9	237.7	233.6	233.3	233.3
1982		229.2	229.7										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	34.7	33.3	32.7	33.1	33.5	34.2	34.5	34.8	35.5	35.7	36.5	36.7	36.1
1978	36.5	35.4	35.2	35.4	36.0	35.9	36.6	37.2	37.4	36.9	37.2	37.4	37.2
1979	38.7	36.8	36.5	36.8	37.0	37.4	38.5	38.6	39.6	40.7	41.4	40.6	40.7
1980	40.6	38.6	38.3	40.0	40.1	40.4	41.3	41.2	42.0	41.1	42.3	41.5	41.6
1981	42.1	40.9	40.6	40.6	41.4	41.1	41.6	42.5	43.2	43.0	43.5	43.4	43.2
1982		42.1	42.4										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	105.8	99.9	98.2	100.4	102.2	104.9	108.9	109.8	111.3	110.2	109.2	107.7	107.3
1978	109.8	105.2	104.0	106.0	108.7	107.9	113.5	113.7	113.8	112.6	111.5	110.3	109.9
1979	110.5	107.7	106.9	109.8	109.7	109.2	113.7	112.9	112.8	112.3	111.4	110.0	109.7
1980	105.4	105.7	102.4	103.2	103.2	104.4	107.8	107.7	109.3	105.6	107.0	104.7	103.1
1981	102.5	100.3	100.6	100.9	102.2	103.9	105.4	105.7	105.4	104.3	101.2	100.1	99.9
1982		96.3	96.7										

See footnotes at end of tables

SIC 208—BEVERAGES (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	260.65	239.68	241.96	248.44	255.56	260.57	265.60	258.77	266.33	267.40	265.72	271.88	275.67
1978	280.38	262.80	264.77	274.97	276.89	271.95	284.69	285.93	280.26	286.12	286.31	290.48	286.12
1979	303.40	285.19	286.77	295.07	304.56	295.47	302.47	307.84	309.48	312.01	307.20	314.77	319.43
1980	332.11	305.35	310.42	319.16	321.57	329.57	339.36	343.54	346.08	335.37	337.71	345.91	348.55
1981	361.18	331.62	334.05	339.23	350.95	361.42	366.27	376.20	368.51	374.14	367.49	379.76	387.82
1982		369.10	382.85										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	6.42	6.13	6.11	6.18	6.31	6.34	6.40	6.43	6.48	6.57	6.61	6.68	6.74
1978	6.94	6.67	6.72	6.84	6.82	6.85	6.91	6.94	6.92	7.03	7.14	7.19	7.24
1979	7.51	7.22	7.26	7.34	7.52	7.35	7.45	7.49	7.53	7.61	7.68	7.83	7.82
1980	8.12	7.75	7.78	7.90	7.94	7.98	8.08	8.16	8.24	8.24	8.38	8.52	8.48
1981	8.94	8.45	8.50	8.61	8.73	8.88	8.89	9.00	9.01	9.17	9.28	9.40	9.37
1982		9.44	9.50										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	40.6	39.1	39.6	40.2	40.5	41.1	41.5	41.8	41.1	40.7	40.2	40.7	40.9
1978	40.4	39.4	39.4	40.2	40.6	39.7	41.2	41.2	40.5	40.7	40.1	40.4	40.9
1979	40.4	39.5	39.5	40.2	40.5	40.2	40.6	41.1	41.1	41.0	40.0	40.2	40.9
1980	40.9	39.4	39.9	40.4	40.5	41.3	42.0	42.1	42.0	40.7	40.3	40.6	41.2
1981	40.4	39.6	39.3	39.4	40.2	40.7	41.2	41.4	40.9	40.8	39.6	40.4	41.4
1982		39.1	40.3										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.2	3.3	3.3	3.8	4.1	4.5	4.7	5.1	4.8	4.4	4.1	4.2	4.1
1978	4.1	3.7	3.7	3.9	4.2	3.7	4.8	5.0	4.3	4.5	4.0	3.8	3.9
1979	3.9	3.4	3.5	3.7	4.2	3.6	3.9	4.1	4.3	4.4	3.8	3.9	3.8
1980	4.0	3.4	3.4	3.7	3.6	4.1	4.4	4.8	4.7	4.4	3.9	4.0	3.9
1981	4.0	3.3	3.3	3.4	4.0	4.4	4.6	5.0	4.4	4.5	3.8	3.9	3.9
1982		3.5	3.7										

SIC 2082—MALT BEVERAGES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	50.8	47.3	46.6	48.4	49.4	51.8	52.9	53.6	53.5	52.4	51.6	50.9	51.2
1978	51.4	49.6	48.9	49.8	50.7	50.9	52.8	53.9	53.5	52.1	51.4	51.2	51.3
1979	51.6	50.6	50.2	51.4	51.7	51.2	52.7	53.3	52.7	51.9	50.8	51.2	51.2
1980	50.8	50.3	49.2	49.5	49.5	50.0	51.9	52.4	52.4	51.3	51.0	51.1	51.1
1981	50.0	49.2	49.6	49.8	50.5	51.4	51.2	51.3	50.6	50.1	48.7	48.7	48.9
1982		47.6	48.2										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.4	4.9	4.8	5.0	5.1	5.5	5.6	5.8	5.8	5.6	5.5	5.4	5.5
1978	5.8	5.4	5.4	5.6	5.6	5.6	5.7	6.0	6.0	6.0	5.9	5.9	6.0
1979	6.4	6.2	6.1	6.0	6.1	6.2	6.5	6.7	6.7	6.8	6.7	6.7	6.6
1980	7.3	6.6	6.8	7.1	7.1	7.1	7.4	7.7	7.7	7.6	7.5	7.5	7.6
1981	7.8	7.4	7.3	7.2	7.4	7.5	7.6	8.1	8.2	7.9	8.1	8.1	8.2
1982		8.1	8.1										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	33.9	30.7	30.1	31.7	32.9	34.7	35.7	36.4	36.3	35.5	34.7	34.1	34.5
1978	34.5	33.0	32.4	33.3	33.9	33.9	35.7	36.7	36.2	34.9	34.5	34.5	34.6
1979	35.3	33.9	33.8	35.4	35.6	35.4	36.7	37.1	36.2	35.3	34.3	34.4	34.6
1980	33.4	34.1	32.4	32.5	32.3	32.9	34.5	34.6	34.4	33.4	33.4	33.1	32.8
1981	32.2	31.5	32.2	32.5	33.5	34.2	33.5	33.2	31.8	31.6	30.8	30.7	31.0
1982		29.7	30.7										

SIC 2082—MALT BEVERAGES (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	366.75	336.10	335.27	352.79	366.80	368.91	376.51	381.00	366.37	371.06	362.41	380.61	390.28
1978	393.95	367.59	372.07	389.00	388.94	385.81	395.51	399.83	386.16	393.76	395.65	408.92	417.31
1979	426.36	407.69	409.76	416.91	443.70	407.13	421.64	433.75	432.60	427.45	433.42	443.81	439.94
1980	470.89	426.42	444.26	460.71	465.65	472.42	479.83	490.60	488.81	476.44	464.26	494.64	480.68
1981	511.41	462.99	457.41	474.86	497.25	509.41	513.25	539.97	519.78	525.34	529.05	553.41	554.55
1982		541.45	561.59										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	8.47	8.06	8.04	8.11	8.28	8.29	8.48	8.62	8.56	8.69	8.67	8.79	8.87
1978	9.31	8.69	8.88	9.11	9.13	9.23	9.35	9.43	9.35	9.42	9.65	9.69	9.66
1979	10.20	9.73	9.85	9.95	10.20	9.93	10.16	10.23	10.30	10.30	10.52	10.72	10.55
1980	10.90	10.35	10.38	10.64	10.68	10.64	10.93	11.00	11.16	11.08	11.16	11.45	11.31
1981	12.09	11.32	11.35	11.47	11.70	11.93	12.02	12.30	12.23	12.39	12.81	12.90	12.69
1982		12.77	12.91										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	43.3	41.7	41.7	43.5	44.3	44.5	44.4	44.2	42.8	42.7	41.8	43.3	44.0
1978	42.1	40.3	41.9	42.7	42.6	41.8	42.3	42.4	41.3	41.8	41.0	42.2	43.2
1979	41.8	41.9	41.6	41.9	43.5	41.0	41.5	42.4	42.0	41.5	41.2	41.4	41.7
1980	43.2	41.2	42.8	43.3	43.6	44.4	43.9	44.6	43.8	43.0	41.6	43.2	42.5
1981	42.3	40.9	40.3	41.4	42.5	42.7	42.7	43.9	42.5	42.4	41.3	42.9	43.7
1982		42.4	43.5										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	5.5	4.7	4.1	5.5	6.3	6.4	6.3	6.4	5.2	5.1	4.9	5.9	5.1
1978	5.3	4.6	5.2	5.1	5.3	4.9	5.8	6.0	5.1	5.4	4.8	5.5	5.7
1979	5.4	5.2	5.5	5.5	7.3	4.7	5.0	5.5	5.5	5.1	5.0	5.5	5.2
1980	5.7	5.1	5.3	5.6	5.5	6.1	5.8	6.5	6.2	5.8	4.9	6.4	5.1
1981	6.2	5.0	5.1	5.5	6.2	6.6	6.6	7.3	6.4	6.7	6.2	6.7	5.9
1982		6.0	6.0										

SIC 2086—BOTTLED AND CANNED SOFT DRINKS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	132.5	128.6	126.8	127.6	129.2	132.2	136.3	138.0	138.9	135.3	133.1	132.0	132.2
1978	136.5	130.7	130.1	132.7	133.5	135.5	140.6	143.5	141.9	138.6	137.0	137.0	137.0
1979	136.6	135.5	135.5	136.9	137.5	139.5	143.9	144.1	144.4	141.3	140.1	138.6	137.3
1980	138.0	136.6	134.8	135.6	137.0	138.4	141.9	143.2	143.6	140.4	137.6	135.7	134.9
1981	137.2	133.3	133.4	133.5	134.0	136.8	140.4	142.4	142.2	139.2	137.1	137.3	137.3
1982		136.5	136.8										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	14.9	14.3	14.3	14.4	14.6	14.9	14.9	15.1	15.4	15.4	15.3	15.3	15.3
1978	15.3	15.2	15.3	15.5	15.8	16.2	16.4	16.7	16.8	16.7	16.9	17.0	17.0
1979	17.0	16.8	16.9	17.0	17.1	17.3	17.7	17.8	18.0	18.0	18.0	17.7	17.7
1980	16.1	17.4	17.4	17.7	17.8	18.2	18.6	18.6	18.7	18.5	18.3	18.2	18.1
1981	18.7	18.1	18.1	18.1	18.6	18.5	18.6	19.2	19.2	19.1	19.0	19.0	18.9
1982		18.9	19.1										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	47.8	45.5	45.1	45.2	46.2	47.7	50.4	50.9	51.1	49.0	48.0	47.1	47.1
1978	48.6	46.1	45.6	46.8	47.8	48.9	51.5	51.7	51.5	49.8	48.4	47.7	47.5
1979	48.4	48.8	46.9	47.7	47.8	48.6	50.7	50.5	50.4	49.0	48.4	47.3	46.7
1980	46.5	45.8	45.2	45.3	46.2	46.8	48.2	49.2	49.1	47.7	45.7	44.6	44.3
1981	45.1	43.6	43.5	43.7	44.3	45.1	46.6	47.8	47.6	45.8	44.4	44.1	44.3
1982		43.5	43.7										

See footnotes at end of tables.

SIC 2086—BOTTLED AND CANNED SOFT DRINKS (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	191.09	178.98	182.75	182.52	185.94	190.56	198.29	202.11	202.05	193.95	186.58	191.50	195.94
1978	207.76	190.76	194.95	201.76	204.97	203.71	219.01	220.39	214.43	214.37	208.03	206.58	212.40
1979	220.49	207.73	206.66	213.30	214.58	219.85	224.37	227.96	231.28	228.42	218.79	221.13	228.28
1980	245.01	223.86	225.42	231.08	235.22	245.83	253.95	260.62	262.09	253.53	246.80	246.24	252.73
1981	266.39	247.02	250.91	250.00	256.89	268.54	278.66	284.13	278.39	271.44	262.48	268.50	279.00
1982		261.85	274.17										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	4.85	4.71	4.71	4.68	4.78	4.80	4.86	4.87	4.94	4.91	4.91	5.00	5.05
1978	5.22	5.06	5.09	5.16	5.15	5.21	5.29	5.26	5.23	5.28	5.28	5.27	5.35
1979	5.54	5.34	5.34	5.40	5.46	5.51	5.54	5.56	5.60	5.64	5.61	5.67	5.75
1980	6.11	5.74	5.84	5.88	5.97	6.10	6.09	6.22	6.27	6.26	6.28	6.33	6.35
1981	6.71	6.35	6.45	6.46	6.52	6.68	6.78	6.83	6.84	6.82	6.80	6.92	7.01
1982		7.02	7.03										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	39.4	38.0	38.8	39.0	38.9	39.7	40.8	41.5	40.9	39.5	38.0	38.3	38.8
1978	39.8	37.7	38.3	39.1	39.8	39.1	41.4	41.9	41.0	40.6	39.4	39.2	39.7
1979	39.8	38.9	38.7	39.5	39.3	39.9	40.5	41.0	41.3	40.5	39.0	39.0	39.7
1980	40.1	39.0	38.6	39.3	39.4	40.3	41.7	41.9	41.8	40.5	39.3	38.9	39.8
1981	39.7	38.9	38.9	38.7	39.4	40.2	41.1	41.6	40.7	39.8	38.6	38.8	39.8
1982		37.3	39.0										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	3.8	2.6	3.0	3.2	3.4	3.9	4.7	5.3	5.3	4.2	3.2	3.1	3.5
1978	3.9	2.9	3.3	3.5	4.0	3.5	5.1	5.5	4.8	4.3	3.5	2.8	3.3
1979	3.5	2.8	2.8	3.1	3.1	3.7	3.9	4.2	4.6	4.4	3.3	3.2	3.3
1980	3.7	3.0	2.9	3.3	3.2	4.0	4.5	4.9	5.0	4.0	3.1	2.8	3.2
1981	3.5	2.7	2.7	2.8	3.5	3.9	4.5	4.7	4.4	3.5	2.9	3.0	3.3
1982		2.4	2.9										

SIC 209—MISC. FOODS AND KINDRED PRODUCTS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	159.9	145.5	147.5	152.2	154.5	156.6	161.3	168.9	168.3	168.4	167.9	164.4	163.2
1978	166.7	159.8	157.6	159.8	160.7	161.6	171.1	173.6	176.7	173.0	171.5	167.7	167.2
1979	166.2	164.7	158.3	160.6	159.3	163.4	170.2	169.8	172.3	170.9	171.4	167.5	165.5
1980	166.1	162.0	160.8	159.7	156.7	158.8	167.3	171.5	175.2	173.1	173.0	168.3	166.4
1981	167.8	160.1	159.8	161.0	163.9	166.8	174.2	176.5	177.3	172.8	169.8	165.7	165.9
1982		161.8	160.8										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	65.8	57.0	58.7	61.7	62.9	63.9	65.9	70.9	69.6	70.6	71.1	68.8	68.1
1978	70.7	65.4	64.2	66.3	66.9	67.1	73.3	75.0	77.0	74.7	74.8	72.6	71.3
1979	69.8	69.8	65.2	67.0	65.9	67.4	72.6	72.3	73.3	71.5	72.9	70.3	69.4
1980	69.2	66.8	65.6	65.6	63.8	64.2	69.2	72.6	74.8	73.9	73.6	71.1	70.3
1981	69.9	65.8	64.9	65.6	67.1	68.9	73.6	74.1	74.6	73.0	72.2	69.3	69.5
1982		64.9	65.0										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	112.4	100.6	100.6	106.9	108.0	109.8	113.5	120.6	119.1	118.9	118.8	115.4	114.7
1978	119.2	112.2	111.0	113.1	113.5	114.4	123.4	125.8	127.7	125.0	123.2	120.9	120.5
1979	121.9	118.0	112.3	115.6	114.2	116.9	126.0	125.2	128.4	127.7	127.8	124.9	123.3
1980	123.6	119.8	117.9	117.6	114.6	117.1	124.7	128.4	130.4	130.2	130.5	126.1	124.4
1981	124.9	118.0	117.0	118.1	121.0	124.0	130.7	132.3	130.3	130.0	127.4	123.4	123.2
1982		120.0	119.3										

SIC 209—MISC. FOODS AND KINDRED PRODUCTS (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	177.75	179.26	176.78	175.48	175.31	176.53	174.26	171.58	176.79	176.06	179.27	184.51	188.47
1978	190.86	181.67	185.50	191.35	190.76	189.36	187.74	186.37	189.25	193.16	192.14	197.98	204.34
1979	206.16	198.63	204.66	206.95	201.85	206.72	202.67	196.74	201.48	208.77	210.00	214.61	221.38
1980	223.73	213.31	211.16	208.00	214.48	221.34	222.45	228.72	226.94	234.39	229.07	235.48	242.26
1981	245.59	236.64	240.73	240.03	240.00	248.87	243.33	246.65	246.51	244.12	248.52	252.50	256.51
1982		244.15	250.26										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.59	4.57	4.54	4.53	4.65	4.67	4.61	4.60	4.64	4.67	4.73	4.83	4.87
1978	5.02	4.95	4.98	4.97	5.02	4.97	4.98	5.01	5.02	5.01	5.01	5.11	5.08
1979	5.44	5.34	5.40	5.33	5.34	5.44	5.42	5.39	5.43	5.49	5.50	5.59	5.75
1980	6.00	5.76	5.73	5.80	5.86	5.95	5.97	6.01	6.02	6.02	6.06	6.14	6.18
1981	6.48	6.33	6.37	6.35	6.42	6.44	6.42	6.44	6.47	6.58	6.54	6.66	6.68
1982		6.62	6.76										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	37.9	37.1	38.1	37.2	37.7	37.8	37.8	37.3	38.1	37.7	37.9	38.0	38.7
1978	37.8	36.7	37.3	38.5	38.0	38.1	37.7	37.2	37.7	37.8	37.6	38.0	38.7
1979	37.9	37.1	37.9	38.8	37.8	38.0	37.4	36.5	37.1	37.9	38.2	38.3	38.5
1980	37.3	37.0	36.9	35.8	36.6	37.2	37.2	38.0	37.7	38.4	37.8	38.1	38.4
1981		35.8	37.8	37.0	37.5	38.6	37.9	38.3	38.1	37.1	38.0	37.9	38.4
1982		36.8	36.5										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.6	3.4	3.7	3.7	3.4	3.7	3.6	3.4	3.7	3.6	3.7	3.8	3.9
1978	3.8	3.5	3.7	3.8	3.8	3.8	3.7	3.6	3.7	3.8	3.7	3.8	3.9
1979	3.8	3.6	3.8	3.8	3.7	3.8	3.6	3.4	3.6	3.8	3.8	3.8	3.8
1980	3.4	3.4	3.3	3.1	3.3	3.4	3.4	3.5	3.4	3.5	3.4	3.4	3.4
1981		3.2	3.4	3.3	3.4	3.5	3.4	3.5	3.4	3.3	3.4	3.4	3.4
1982		3.3	3.2										

SIC 21—TOBACCO MANUFACTURES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	44.2	44.3	44.3	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
1978	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
1979	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
1980	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
1981	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
1982		44.2	44.2										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1
1978	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1
1979	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1
1980	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1
1981	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1
1982		24.1	24.1										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	34.1	34.2	34.2	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
1978	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
1979	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
1980	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
1981	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
1982		34.1	34.1										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	209.41	183.92	206.24	203.68	211.13	211.68	223.49	205.56	207.35	212.11	205.43	222.80	222.80
1978	233.55	218.59	224.69	237.08	240.00	243.95	254.06	234.94	226.40	227.54	213.46	222.80	222.80
1979	253.46	228.24	235.01	252.22	254.63	265.50	265.99	246.80	245.63	233.03	246.77	272.69	272.69
1980	294.85	266.29	273.06	287.11	299.12	297.60	307.97	297.19	286.30	288.41	306.42	313.99	313.99
1981	344.54	329.26	331.57	322.27	331.92	350.62	359.96	365.26	354.26	353.15	342.80	352.79	352.79
1982		332.48	366.15										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.54	5.27	5.46	5.49	5.63	5.60	5.76	5.73	5.50	5.45	5.37	5.65	5.77
1978	6.13	5.94	5.96	6.19	6.24	6.23	6.42	6.18	5.91	5.91	5.66	5.91	5.91
1979	6.67	6.34	6.51	6.62	6.59	6.65	6.60	6.45	6.33	6.30	6.46	6.96	6.96
1980	7.74	7.13	7.45	7.53	7.61	7.69	7.60	7.64	7.53	7.46	7.97	8.13	8.13
1981	8.66	8.45	8.56	8.54	8.82	9.06	9.35	9.46	9.11	8.91	8.67	8.94	8.94
1982		9.11	9.56										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	37.8	34.9	38.0	37.1	37.5	37.8	38.6	36.1	37.7	38.3	39.1	39.7	39.7
1978	38.1	36.8	37.7	38.3	38.4	38.4	40.1	38.1	38.3	38.4	37.7	37.7	37.7
1979	36.7	36.0	36.1	38.1	37.3	38.3	39.0	36.1	37.5	38.1	37.8	39.2	39.2
1980	38.1	37.4	36.9	38.5	38.6	38.8	38.4	36.4	36.4	36.4	37.1	37.3	37.3
1981	38.6	38.6	38.4	37.3	37.2	38.1	38.6	38.4	38.4	42.7	42.2	39.4	39.4
1982		38.1	38.3										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.7	3.4	3.7	3.7	3.4	3.7	3.6	3.4	3.7	3.6	3.7	3.8	3.9
1978	3.8	3.5	3.7	3.8	3.8	3.8	3.7	3.6	3.7	3.8	3.7	3.8	3.9
1979	3.8	3.6	3.8	3.8	3.7	3.8	3.6	3.4	3.6	3.8	3.8	3.8	3.8
1980	3.4	3.4	3.3	3.1	3.3	3.4	3.4	3.5	3.4	3.5	3.4	3.4	3.4
1981		3.2	3.4	3.3	3.4	3.5	3.4	3.5	3.4	3.3	3.4	3.4	3.4
1982		3.3	3.2										

SIC 211—CIGARETTES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
1978	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
1979	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
1980	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
1981	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
1982		45.1	45.1										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6
1978	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6
1979	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6
1980	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6
1981	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6
1982		24.6	24.6										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
1978	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
1979	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
1980	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
1981	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
1982		34.7	34.7										

See footnotes at end of table.

SIC 211—CIGARETTES (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	253.55	220.46	244.22	242.94	250.00	246.77	261.62	236.38	260.16	265.59	260.44	279.10	277.11
1978	284.67	270.72	274.00	288.62	280.19	285.09	314.25	270.03	287.23	289.94	273.04	288.79	297.14
1979	301.76	271.83	274.72	293.76	296.40	308.51	305.34	277.54	301.34	316.91	308.27	328.84	336.56
1980	353.51	315.09	323.25	332.38	341.25	340.86	354.63	337.59	357.20	358.88	394.61	404.19	383.13
1981	419.33	403.75	400.75	377.25	387.07	407.93	416.23	423.84	447.69	458.90	447.83	445.50	410.30
1982		400.73	436.57										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	6.61	6.21	6.36	6.41	6.46	6.46	6.64	6.64	6.74	6.81	6.80	6.96	6.98
1978	7.34	7.05	7.08	7.27	7.24	7.31	7.50	7.48	7.48	7.59	7.46	7.56	7.58
1979	7.90	7.53	7.61	7.69	7.80	7.85	7.73	7.84	7.93	8.21	8.07	8.18	8.31
1980	9.23	8.28	8.62	8.77	8.91	8.74	9.14	9.30	9.50	9.57	9.89	9.98	9.90
1981	10.67	10.17	10.12	10.06	10.24	10.38	10.70	10.84	10.84	11.22	11.14	11.25	11.00
1982		11.07	11.31										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	38.3	35.5	35.8	37.9	38.7	38.2	39.4	35.6	38.6	39.0	38.3	40.1	39.7
1978	38.6	38.4	38.7	39.7	38.7	39.0	41.9	36.1	38.4	38.2	36.6	38.2	39.2
1979	38.2	36.1	36.1	36.2	38.0	39.3	39.5	35.4	38.0	38.6	38.2	40.2	40.5
1980	38.3	37.6	37.5	37.9	38.3	39.0	38.8	36.3	37.6	37.5	39.9	40.5	38.7
1981	39.3	39.7	39.6	37.5	37.8	39.3	38.9	39.1	41.3	40.9	40.2	39.6	37.3
1982		39.2	38.6										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	2.1	2.1	1.5	1.3	2.1	2.1	2.0	1.2	2.5	2.3	1.9	2.9	3.0
1978	2.3	2.4	1.9	2.9	2.0	2.5	3.5	2.3	2.1	2.4	1.3	2.2	2.3
1979	1.2	.2	.4	.6	.3	.7	.9	.9	1.3	2.6	1.6	2.1	2.9
1980	1.6	1.4	.8	1.2	2.1	1.8	.8	.8	2.0	1.7	3.1	3.2	2.6
1981	2.3	3.3	3.4	1.0	1.2	2.7	1.9	2.4	2.8	3.2	2.5	2.7	1.1
1982		.9	1.5										

SIC 22—TEXTILE MILL PRODUCTS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	910.2	897.9	901.3	907.0	912.6	915.4	925.6	900.2	915.3	913.5	911.4	913.3	908.6
1978	895.1	902.7	902.9	901.6	898.4	900.7	906.1	882.2	898.8	901.6	897.9	899.6	897.2
1979	885.1	893.6	893.1	891.3	886.5	887.4	894.5	868.5	882.4	879.5	880.1	882.8	881.6
1980	847.7	874.7	874.3	875.9	869.6	856.7	838.0	804.4	835.7	835.2	836.0	837.2	834.5
1981	822.5	827.3	826.2	824.9	825.3	827.6	834.1	819.6	829.7	831.9	816.4	809.1	798.2
1982		777.6	776.6										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	424.6	425.9	429.4	421.9	425.2	426.7	431.3	418.5	426.5	427.7	428.5	429.8	423.7
1978	423.7	421.7	422.0	423.2	423.1	424.4	427.8	415.3	425.2	426.6	426.2	426.0	422.9
1979	418.1	419.2	419.3	419.3	418.4	419.4	423.4	409.0	418.0	417.6	417.5	419.3	417.3
1980	401.4	412.3	413.5	414.6	412.7	406.6	397.3	380.7	396.0	396.0	395.9	396.4	394.3
1981	391.0	390.8	390.5	390.1	392.2	393.1	396.6	388.9	395.2	397.2	390.5	387.0	379.7
1982		366.9	367.0										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	792.3	780.7	784.5	790.0	795.7	797.3	806.7	782.6	796.6	794.7	792.8	795.5	790.9
1978	783.1	785.1	785.7	785.4	783.0	784.6	790.4	766.1	782.1	785.5	782.0	784.7	782.1
1979	770.5	776.1	777.2	775.2	771.6	773.0	779.9	755.8	768.0	766.6	766.6	769.9	768.9
1980	736.9	763.8	763.9	763.7	758.1	745.1	727.0	694.7	725.1	725.4	725.4	727.1	724.1
1981	710.1	717.6	716.2	715.3	714.9	717.6	723.5	708.8	718.4	721.5	706.0	697.6	687.3
1982		667.6	666.9										

SIC 22—TEXTILE MILL PRODUCTS (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	161.20	150.92	154.79	156.35	155.60	156.75	159.53	161.60	164.43	166.05	166.46	168.92	169.33
1978	173.72	163.88	166.82	169.30	169.29	170.11	172.19	173.23	177.83	179.89	178.57	180.67	183.23
1979	188.26	180.35	179.50	182.61	172.93	181.65	185.19	185.93	192.23	196.66	197.96	201.13	203.01
1980	203.31	201.31	200.33	201.64	196.31	195.42	195.62	195.20	203.84	208.95	209.87	213.59	217.46
1981	218.59	213.47	212.53	214.00	211.18	217.08	218.56	217.80	225.44	221.34	225.37	224.62	220.79
1982		179.71	219.46										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	3.99	3.85	3.86	3.87	3.89	3.88	3.91	4.04	4.07	4.10	4.10	4.13	4.14
1978	4.30	4.17	4.16	4.17	4.18	4.19	4.21	4.32	4.38	4.42	4.42	4.45	4.48
1979	4.66	4.52	4.51	4.52	4.48	4.53	4.55	4.66	4.77	4.82	4.84	4.87	4.88
1980	5.07	4.91	4.91	4.93	4.92	4.91	4.94	5.07	5.20	5.25	5.26	5.30	5.33
1981	5.52	5.35	5.34	5.35	5.36	5.40	5.41	5.50	5.65	5.69	5.72	5.73	5.72
1982		5.76	5.76										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	40.4	39.2	40.1	40.4	40.0	40.4	40.8	40.0	40.4	40.5	40.6	40.9	40.9
1978	40.4	39.3	40.1	40.6	40.5	40.6	40.9	40.1	40.6	40.7	40.4	40.6	40.9
1979	40.4	39.9	39.8	40.4	38.6	40.1	40.7	39.9	40.3	40.8	40.9	41.3	41.6
1980	40.1	41.0	40.8	40.9	39.9	39.8	39.6	38.5	39.2	39.8	39.9	40.3	40.8
1981	39.6	39.9	39.8	40.0	39.4	40.2	40.4	39.6	39.9	38.9	39.4	39.2	38.6
1982		31.2	38.1										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	3.5	3.1	3.3	3.5	3.3	3.7	3.8	3.3	3.6	3.7	3.6	3.8	3.6
1978	3.6	3.4	3.6	3.6	3.6	3.6	3.8	3.4	3.7	3.8	3.6	3.8	3.8
1979	3.5	3.4	3.4	3.6	2.3	3.4	3.6	3.2	3.5	3.8	3.8	4.0	4.0
1980	3.2	3.7	3.7	3.8	3.3	3.0	2.8	2.4	2.8	3.0	3.0	3.2	3.5
1981	3.0	3.2	3.0	3.1	2.7	3.3	3.4	3.0	3.2	2.7	2.8	2.8	2.4
1982		1.5	2.1										

SIC 221—WEAVING MILLS, COTTON

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	160.3	164.6	164.2	162.7	162.0	161.4	162.5	159.2	158.1	158.4	156.8	156.7	156.9
1978	150.0	155.1	154.0	153.1	151.2	149.3	148.4	145.0	147.4	147.9	148.5	149.2	150.4
1979	150.9	150.9	150.5	151.4	151.0	150.9	151.0	149.2	150.6	150.0	150.0	152.4	153.3
1980	150.0	153.2	152.9	151.7	151.8	151.5	150.9	145.3	149.0	149.0	147.8	148.5	147.9
1981	141.5	146.7	145.8	143.7	142.4	141.3	141.6	139.7	140.3	140.3	139.0	139.5	138.1
1982		135.9	135.3										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	67.8	69.4	69.1	68.5	68.2	68.3	68.7	67.5	66.9	67.2	66.6	66.6	66.5
1978	64.0	65.8	65.2	65.0	64.4	63.3	63.1	62.0	63.2	63.3	63.6	64.2	64.6
1979	65.6	64.9	65.1	65.4	65.5	65.3	65.6	65.1	65.4	65.5	65.7	66.6	67.1
1980	65.4	67.1	66.7	66.5	66.2	66.1	65.6	63.7	64.7	64.8	64.3	64.3	64.3
1981	61.6	63.8	63.0	62.3	61.6	61.3	61.6	60.9	61.2	61.4	60.6	60.8	60.1
1982		59.1	58.9										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	144.5	148.5	148.2	146.7	146.3	145.5	146.6	143.6	142.5	142.7	141.1	141.1	141.4
1978	134.9	139.7	138.6	137.9	136.3	134.2	133.4	129.8	132.3	132.8	133.6	134.3	135.8
1979	136.0	136.0	135.8	136.5	136.3	136.2	136.2	134.4	135.3	135.1	135.0	137.2	138.1
1980	134.7	137.9	137.6	136.7	136.7	136.3	135.8	129.8	133.6	133.4	132.5	133.1	132.6
1981	126.1	131.3	130.5	128.4	126.2	125.9	126.4	124.2	124.6	124.9	123.6	124.1	122.8
1982		120.8	119.9										

See footnotes at end of tables.

SIC 221—WEAVING MILLS, COTTON (Con.)

PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	166.86	159.57	158.40	160.78	158.40	160.39	162.40	170.02	172.08	172.89	175.44	177.57	176.73
1978	181.60	175.39	175.05	173.34	170.40	172.08	174.62	181.35	185.09	188.09	190.81	194.84	198.05
1979	201.34	196.98	191.99	196.09	182.56	192.82	192.87	194.81	208.75	213.53	211.68	218.44	219.02
1980	215.78	215.48	211.93	215.22	210.53	206.64	202.81	205.41	216.26	222.49	225.64	230.05	229.22
1981	228.57	220.70	215.91	218.50	219.20	222.75	224.66	228.50	241.57	238.60	241.38	239.99	233.05
1982		167.56	225.13										

PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

1977	4.12	3.94	3.95	3.96	3.98	3.97	4.00	4.24	4.27	4.29	4.30	4.31	4.30
1978	4.44	4.32	4.28	4.28	4.26	4.27	4.28	4.50	4.57	4.61	4.62	4.65	4.66
1979	4.84	4.69	4.66	4.68	4.61	4.68	4.67	4.81	5.03	5.06	5.04	5.08	5.07
1980	5.25	5.07	5.07	5.10	5.11	5.04	5.02	5.24	5.42	5.48	5.49	5.53	5.51
1981	5.70	5.49	5.48	5.49	5.48	5.50	5.52	5.67	5.95	5.95	5.96	5.97	5.93
1982		5.90	5.94										

PRODUCTION-WORKER AVERAGE WEEKLY HOURS

1977	40.5	40.5	40.1	40.6	39.8	40.4	40.6	40.1	40.3	40.3	40.8	41.2	41.1
1978	40.9	40.6	40.9	40.5	40.0	40.3	40.8	40.3	40.5	40.8	41.3	41.9	42.5
1979	41.6	42.0	41.2	41.9	39.6	41.2	41.3	40.5	41.5	42.2	42.0	43.0	43.2
1980	41.1	42.5	41.8	42.2	41.2	41.0	40.4	39.2	39.9	40.6	41.1	41.6	41.6
1981	40.1	40.2	39.4	39.8	40.0	40.5	40.7	40.3	40.6	40.1	40.5	40.2	39.3
1982		28.4	37.9										

PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS

1977	3.9	3.9	3.7	4.0	3.6	4.0	3.9	3.6	3.8	3.9	4.0	4.2	4.1
1978	4.0	4.2	4.0	3.7	3.7	3.6	3.8	3.6	3.6	3.9	4.1	4.7	4.7
1979	4.3	4.5	4.2	4.6	2.6	4.0	4.0	3.6	4.3	4.8	4.6	5.2	5.1
1980	3.9	4.8	4.5	4.8	4.4	3.7	3.2	3.1	3.4	3.6	3.7	4.0	3.9
1981	3.2	3.5	3.0	3.0	2.8	3.4	3.6	3.5	3.6	3.2	3.1	3.1	2.7
1982		1.1	2.3										

SIC 222—WEAVING MILLS, SYNTHETICS

ALL EMPLOYEES—IN THOUSANDS

1977	126.7	126.9	126.9	126.3	126.7	126.7	127.5	126.6	126.4	126.5	126.1	126.7	127.3
1978	123.9	126.7	126.5	125.6	124.7	123.5	122.6	121.9	122.3	123.2	123.3	123.4	123.4
1979	122.0	123.5	122.5	121.9	121.2	122.0	123.0	120.6	122.1	120.9	121.9	122.2	122.3
1980	116.2	121.6	121.0	121.6	120.5	119.2	106.6	110.9	114.5	115.5	114.9	114.6	113.9
1981	111.5	113.8	112.1	112.9	112.2	111.7	112.3	111.6	111.7	112.4	108.5	109.3	109.1
1982		105.7	104.9										

WOMEN EMPLOYEES—IN THOUSANDS

1977	51.1	50.8	50.9	50.8	50.9	51.0	51.3	51.1	51.1	51.2	52.0	51.3	51.3
1978	50.0	51.1	50.9	50.5	50.3	49.7	49.3	48.9	49.0	49.8	50.1	50.2	50.1
1979	50.3	50.1	49.9	49.7	50.0	50.4	50.7	49.7	50.5	50.3	50.8	50.9	50.6
1980	47.9	50.2	50.2	50.0	50.1	49.2	43.8	45.3	47.0	47.5	47.2	47.0	46.8
1981	46.2	46.8	46.1	46.5	46.5	46.4	46.5	46.3	46.5	47.0	44.9	45.6	44.8
1982		43.7	43.4										

PRODUCTION WORKERS—IN THOUSANDS

1977	113.5	113.8	113.9	113.3	113.6	113.7	114.3	113.4	113.1	113.3	112.9	113.4	113.9
1978	110.7	112.9	113.0	112.1	111.2	110.2	109.3	108.7	109.2	110.0	110.2	110.4	110.6
1979	109.4	110.6	109.6	109.0	108.6	109.2	110.1	107.9	109.4	108.7	109.5	110.0	110.0
1980	104.2	109.4	108.6	109.1	108.2	107.0	94.8	98.9	102.7	103.6	103.2	103.0	102.4
1981	99.9	102.0	100.4	101.2	100.5	100.4	101.1	100.3	100.2	101.0	97.1	97.7	96.6
1982		94.2	93.5										

See footnotes at end of tables.

SIC 222—WEAVING MILLS, SYNTHETICS (Con.)

PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	170.96	160.40	161.60	161.60	164.43	166.03	168.91	175.91	175.01	177.12	177.53	181.39	180.21
1978	188.48	177.42	180.50	180.96	183.10	183.52	183.52	191.86	195.72	196.98	195.67	198.34	198.13
1979	202.86	196.24	194.94	196.35	184.54	196.24	195.82	203.20	204.93	213.69	213.09	215.97	217.85
1980	216.77	217.24	213.50	214.76	204.02	207.77	207.55	213.86	221.13	222.49	224.66	229.07	228.52
1981	238.96	230.74	231.01	232.95	231.80	233.08	236.02	241.86	249.60	242.00	251.71	250.71	237.98
1982		190.60	232.10										

PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

1977	4.18	3.99	4.00	4.00	4.07	4.02	4.07	4.28	4.30	4.32	4.33	4.36	4.37
1978	4.52	4.37	4.36	4.35	4.37	4.38	4.38	4.59	4.66	4.69	4.67	4.70	4.74
1979	4.90	4.74	4.72	4.72	4.66	4.74	4.73	4.92	5.06	5.10	5.11	5.13	5.15
1980	5.30	5.16	5.12	5.15	5.05	5.08	5.15	5.36	5.46	5.48	5.52	5.56	5.56
1981	5.80	5.56	5.58	5.60	5.64	5.63	5.66	5.80	6.00	5.99	6.08	6.10	6.04
1982		6.07	6.06										

PRODUCTION-WORKER AVERAGE WEEKLY HOURS

1977	40.9	40.2	40.4	40.4	40.4	41.3	41.5	42.1	40.7	41.0	41.0	41.6	41.7
1978	41.7	40.6	41.4	41.6	41.9	41.9	41.9	41.8	42.0	42.0	41.9	42.2	41.8
1979	41.4	41.4	41.3	41.6	39.6	41.4	41.4	41.3	40.5	41.9	41.7	42.1	42.3
1980	40.9	42.1	41.7	41.7	40.8	40.9	40.3	39.9	40.5	40.6	40.7	41.2	41.1
1981	41.2	41.5	41.4	41.6	41.1	41.4	41.7	41.7	41.6	40.4	41.4	41.1	39.4
1982		31.4	38.3										

PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS

1977	3.3	3.0	3.1	3.2	2.6	3.6	3.6	3.1	3.2	3.5	3.5	3.8	3.6
1978	4.0	3.4	3.8	3.6	3.8	3.9	3.6	3.9	4.3	4.1	4.2	4.5	4.4
1979	3.9	4.1	4.0	4.0	2.7	3.9	3.7	4.0	3.4	4.2	4.3	4.0	4.5
1980	3.4	4.3	3.9	3.9	3.0	3.1	3.1	2.8	3.1	3.2	3.4	3.5	3.7
1981	3.6	4.0	3.8	3.8	3.5	3.8	4.0	3.7	3.9	3.1	3.8	3.6	3.7
1982		1.5	2.3										

SIC 223—WEAVING AND FINISHING MILLS, WOOL

ALL EMPLOYEES—IN THOUSANDS

1977	20.9	21.1	21.1	21.2	21.3	21.4	21.7	20.0	20.7	20.5	20.2	20.4	20.7
1978	20.5	20.7	20.6	21.0	20.9	20.8	21.1	19.7	20.4	20.2	20.1	20.3	20.3
1979	20.1	20.4	20.3	20.3	20.2	20.2	20.4	19.2	20.0	19.9	19.8	19.9	20.1
1980	19.1	20.2	20.2	20.3	20.4	19.7	19.5	16.7	18.2	18.1	18.1	18.5	18.8
1981	18.9	18.9	19.0	19.1	19.3	19.5	19.7	18.1	18.8	18.7	18.5	18.4	18.5
1982		18.4	18.4										

WOMEN EMPLOYEES—IN THOUSANDS

1977	7.9	7.9	8.0	7.9	8.0	8.3	8.3	7.5	7.8	7.7	7.6	7.8	7.9
1978	7.9	7.9	7.8	8.0	8.0	8.0	8.0	7.6	7.6	7.8	7.9	7.9	7.9
1979	7.8	7.9	7.9	7.8	7.8	7.8	7.8	7.4	7.8	7.8	7.8	7.8	8.0
1980	7.4	8.0	7.9	7.9	8.0	7.7	7.7	6.6	7.0	7.0	7.0	7.1	7.2
1981	7.3	7.3	7.3	7.3	7.4	7.4	7.5	6.8	7.2	7.2	7.2	7.2	7.2
1982		7.2	7.1										

PRODUCTION WORKERS—IN THOUSANDS

1977	17.4	17.5	17.5	17.6	17.7	17.9	18.1	16.6	17.3	17.0	16.9	17.1	17.2
1978	17.1	17.3	17.2	17.6	17.6	17.8	17.6	16.3	17.0	16.9	16.8	17.0	16.9
1979	16.7	17.1	17.0	16.9	16.8	16.9	17.1	15.8	16.6	16.5	16.3	16.6	16.5
1980	15.5	16.6	16.6	16.6	16.9	16.1	15.9	13.2	14.6	14.6	14.6	14.9	15.1
1981	15.6	15.5	15.6	15.7	15.9	16.2	16.4	15.0	15.6	15.6	15.5	15.3	15.4
1982		15.4	15.4										

SIC 223—WEAVING AND FINISHING MILLS, WOOL (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	164.83	153.27	159.95	159.57	160.37	160.39	164.43	160.78	167.66	168.80	172.06	172.03	177.57
1978	180.37	170.68	171.50	177.53	175.87	180.09	181.36	176.55	182.10	188.52	184.87	187.01	189.77
1979	191.83	186.86	185.14	187.68	180.45	187.33	193.93	186.98	192.85	196.26	197.11	200.29	206.17
1980	208.82	203.50	200.09	204.11	203.31	204.80	209.64	208.03	210.94	214.27	212.93	216.80	223.69
1981	223.45	225.35	225.09	231.99	229.19	231.69	234.89	228.90	241.12	232.64	236.34	242.13	238.32
1982		236.21	245.18										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	4.09	3.91	3.93	3.94	3.95	3.97	4.05	4.06	4.15	4.22	4.28	4.29	4.31
1978	4.41	4.31	4.32	4.33	4.30	4.35	4.37	4.37	4.42	4.51	4.52	4.55	4.54
1979	4.76	4.56	4.56	4.60	4.58	4.66	4.73	4.77	4.87	4.87	4.94	4.97	4.98
1980	5.21	5.00	5.04	5.09	5.07	5.12	5.22	5.28	5.30	5.33	5.35	5.42	5.39
1981	5.66	5.43	5.45	5.55	5.59	5.61	5.66	5.68	5.81	5.73	5.85	5.92	5.87
1982		5.92	5.98										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	40.3	39.2	40.7	40.5	40.6	40.4	40.6	39.6	40.4	40.0	40.2	40.1	41.2
1978	40.9	39.6	39.7	41.0	40.9	41.4	41.5	40.4	41.2	41.8	40.9	41.1	41.8
1979	40.3	40.8	40.6	40.8	39.4	40.2	41.0	39.2	39.6	40.3	39.9	40.3	41.4
1980	40.1	40.7	39.7	40.1	40.1	40.0	40.2	39.4	39.8	40.0	39.8	40.0	41.5
1981	41.1	41.5	41.3	41.8	41.0	41.3	41.5	40.3	41.5	40.6	40.4	40.9	40.6
1982		39.9	41.0										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	3.3	3.9	3.1	3.3	3.0	3.5	3.4	3.0	3.4	3.1	3.6	3.6	3.9
1978	3.6	3.3	3.7	3.6	3.6	4.0	4.0	3.4	3.7	4.1	4.0	3.6	4.0
1979	3.5	3.6	3.6	3.7	2.6	3.4	4.0	3.3	3.3	3.1	3.3	3.7	3.6
1980	3.6	3.5	3.0	3.3	2.9	2.9	2.7	2.2	2.6	2.7	2.5	3.0	3.2
1981	3.7	3.3	3.3	3.6	3.5	3.8	3.9	2.9	4.5	3.3	4.0	4.2	3.6
1982		3.4	3.7										

SIC 224—NARROW FABRIC MILLS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	25.2	25.0	24.9	25.2	25.4	25.2	25.2	23.5	25.5	25.5	25.4	25.8	26.1
1978	26.0	26.1	26.3	26.2	26.3	26.4	26.5	25.2	25.8	25.8	25.9	26.0	26.0
1979	25.1	25.6	25.6	25.9	25.2	26.1	26.0	22.8	24.7	24.7	24.5	24.6	24.4
1980	23.0	24.3	24.1	24.0	23.7	22.9	23.0	19.8	22.4	22.5	22.6	22.8	23.1
1981	23.8	23.2	23.5	23.5	23.7	23.8	24.0	23.2	24.1	24.4	24.1	23.8	23.7
1982		23.1	22.9										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	14.6	14.5	14.3	14.6	14.6	14.7	14.5	13.5	14.6	14.7	14.7	15.1	15.1
1978	15.1	15.1	15.3	15.3	15.3	15.4	15.6	14.7	15.1	15.2	15.3	15.4	15.4
1979	14.4	15.4	15.3	15.3	15.1	15.5	15.5	13.5	14.6	14.7	14.7	14.5	14.4
1980	13.7	14.4	14.5	14.4	14.2	13.5	13.7	11.8	13.3	13.4	13.6	13.5	13.7
1981	14.1	13.9	14.0	14.0	14.3	14.3	14.4	13.9	14.6	14.8	14.5	14.2	14.1
1982		13.6	13.5										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	22.1	21.7	21.8	22.0	22.2	22.0	22.0	20.4	22.1	22.3	22.2	22.6	22.8
1978	22.6	22.6	23.0	23.0	23.0	23.1	23.3	22.1	22.4	22.6	22.6	22.8	22.8
1979	21.6	22.3	22.6	22.7	22.2	22.8	22.8	19.9	21.5	21.6	21.4	21.5	21.4
1980	20.1	21.6	21.3	21.3	20.9	20.0	20.1	17.0	19.5	19.7	20.0	19.9	20.1
1981	20.9	20.4	20.7	20.6	21.0	21.0	21.2	20.4	21.3	21.6	21.3	20.8	20.7
1982		20.0	19.9										

SIC 224—NARROW FABRIC MILLS (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	148.03	139.78	143.42	145.24	144.18	143.81	148.30	148.80	149.11	151.84	150.84	153.95	156.67
1978	159.60	149.38	152.49	156.78	157.58	158.38	160.37	158.80	161.60	163.61	162.37	167.27	167.67
1979	172.86	168.02	168.44	171.78	162.60	169.70	170.49	173.23	171.83	174.40	176.36	180.85	184.61
1980	185.66	184.37	183.87	183.42	180.18	180.12	180.18	182.62	183.74	189.34	188.65	191.60	197.69
1981	201.10	197.07	197.47	200.16	197.87	200.07	201.78	196.28	201.68	202.64	201.37	208.43	210.01
1982		194.39	215.46										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	3.71	3.64	3.64	3.64	3.65	3.65	3.68	3.72	3.70	3.74	3.79	3.82	3.84
1978	4.00	3.89	3.91	3.90	3.92	3.93	3.95	4.00	4.05	4.08	4.09	4.13	4.14
1979	4.30	4.19	4.19	4.20	4.18	4.19	4.22	4.32	4.35	4.36	4.42	4.51	4.47
1980	4.63	4.53	4.54	4.54	4.55	4.56	4.55	4.60	4.64	4.71	4.74	4.79	4.81
1981	5.04	4.89	4.90	4.93	4.91	4.94	4.97	5.02	5.08	5.13	5.19	5.29	5.29
1982		5.37	5.32										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	39.9	38.4	39.4	39.9	39.5	39.4	40.3	40.0	40.3	40.6	39.6	40.3	40.8
1978	39.9	38.4	39.0	40.2	40.2	40.3	40.6	39.7	39.9	40.1	39.7	40.5	40.5
1979	40.2	40.1	40.2	40.9	38.9	40.5	40.4	40.1	39.5	40.0	39.9	40.1	41.3
1980	40.1	40.7	40.5	40.4	39.6	39.5	39.6	39.7	39.6	40.2	39.8	40.0	41.1
1981	39.9	40.3	40.3	40.6	40.3	40.5	40.6	39.1	39.7	39.5	38.8	39.4	39.7
1982		36.2	40.5										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	3.2	3.0	3.1	3.3	3.1	3.3	3.2	2.5	3.1	3.2	3.3	3.4	3.6
1978	3.0	2.8	3.2	3.1	3.2	3.5	3.2	2.4	2.9	3.0	3.1	3.0	2.8
1979	2.7	2.7	2.7	3.1	1.8	2.7	2.8	2.4	2.5	2.4	3.0	3.4	3.1
1980	2.5	3.2	3.2	3.2	2.6	2.2	2.0	1.6	2.1	2.1	2.2	2.7	2.7
1981	2.4	2.4	2.7	2.6	2.2	2.5	2.6	1.8	2.7	2.1	2.4	2.8	2.2
1982		1.9	2.1										

SIC 225—KNITTING MILLS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	233.3	222.9	226.4	230.6	232.9	234.3	238.6	230.9	238.2	237.6	237.9	237.6	231.6
1978	235.8	228.9	231.6	233.3	234.7	238.3	242.1	235.0	242.0	240.4	238.1	234.6	231.1
1979	226.8	228.1	228.3	229.1	228.5	227.0	230.7	222.9	228.4	225.9	224.3	224.8	223.4
1980	220.4	219.2	222.3	224.5	224.2	223.3	223.1	214.8	221.1	219.1	218.8	217.8	216.9
1981	216.9	212.6	214.7	214.8	217.9	219.5	222.0	219.7	221.3	221.4	217.4	212.9	208.2
1982		199.3	200.5										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	149.4	142.0	145.3	147.7	148.5	149.6	152.4	147.1	152.0	152.2	153.6	154.2	148.2
1978	152.7	147.7	149.1	150.6	151.5	154.5	156.9	152.2	157.2	156.2	154.6	152.6	149.0
1979	145.4	146.3	145.9	146.5	146.3	145.6	148.4	142.4	146.4	145.0	144.0	144.8	143.6
1980	141.6	140.1	142.7	144.1	143.8	143.1	143.0	137.5	141.9	141.0	141.0	140.8	139.6
1981	139.3	136.3	137.6	137.6	139.7	140.9	142.6	140.3	141.6	141.9	140.4	137.8	135.1
1982		128.6	128.9										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	201.0	191.0	194.6	198.7	200.8	201.9	206.0	198.5	205.7	205.0	205.0	205.2	199.3
1978	204.2	197.5	200.4	201.9	203.6	206.9	210.8	203.1	209.4	208.0	205.9	203.3	199.1
1979	196.1	196.4	196.2	197.1	197.0	196.1	199.9	193.0	197.5	195.7	194.4	195.2	194.2
1980	191.4	190.6	193.8	195.2	195.1	194.0	194.0	186.0	192.0	190.6	189.5	188.7	187.4
1981	187.6	183.9	185.6	185.8	188.6	190.3	192.6	189.7	191.6	191.9	187.9	183.5	179.7
1982		170.7	172.1										

See footnotes at end of tables.

SIC 225—KNITTING MILLS (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	143.95	134.68	141.21	142.72	139.80	142.35	145.26	142.86	146.25	146.65	146.28	150.11	147.44
1978	153.23	140.88	148.23	151.32	152.10	152.66	155.63	152.83	156.79	157.12	155.90	157.03	157.80
1979	166.17	154.93	155.77	160.70	153.92	161.03	166.45	166.66	170.67	171.03	173.44	176.79	177.28
1980	182.31	177.49	182.42	181.42	179.39	179.24	181.63	178.02	181.33	183.22	184.57	187.29	191.07
1981	193.91	190.13	190.76	191.38	187.12	194.56	196.09	193.16	196.14	193.20	197.41	197.78	194.46
1982		182.64	195.81										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.71	3.64	3.63	3.65	3.65	3.65	3.68	3.71	3.75	3.77	3.78	3.81	3.80
1978	3.98	3.87	3.89	3.89	3.92	3.93	3.99	3.98	4.02	4.06	4.06	4.10	4.12
1979	4.35	4.21	4.21	4.24	4.23	4.25	4.29	4.34	4.41	4.45	4.47	4.51	4.52
1980	4.76	4.61	4.63	4.64	4.67	4.66	4.73	...	4.85	4.86	4.87	4.89	4.95
1981	5.13	5.03	5.02	5.01	5.03	5.08	5.08	...	5.20	5.20	5.25	5.26	5.27
1982		5.26	5.26										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	38.8	37.0	38.9	39.1	38.3	39.0	39.5	38.4	39.0	38.9	38.7	39.4	38.8
1978	38.5	36.3	38.1	38.9	38.8	38.9	39.0	38.4	39.0	38.7	38.4	38.3	38.3
1979	38.2	36.8	37.0	37.9	36.4	37.9	38.8	38.4	38.8	38.4	38.7	39.2	39.2
1980	38.3	38.5	39.4	39.1	38.4	38.3	38.4	36.7	37.4	37.7	38.0	38.2	38.6
1981	37.8	37.8	38.0	38.2	37.2	38.3	38.6	37.4	37.7	37.1	38.3	37.6	36.9
1982		37.4	38.6										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	2.8	2.5	2.6	2.6	2.7	2.5	2.5	2.7	2.8	2.6	2.6	2.6	2.6
1978	2.4	2.2	2.3	2.4	2.5	2.4	2.4	2.4	2.4	2.3	2.3	2.3	2.3
1979	2.6	2.2	2.3	2.4	2.3	2.4	2.6	2.6	2.6	2.5	2.6	2.7	2.7
1980	2.5	2.6	2.7	2.7	2.5	2.4	2.4	2.2	2.3	2.3	2.3	2.3	2.4
1981	2.2	2.2	2.2	2.2	2.1	2.3	2.3	2.2	2.2	2.1	2.2	2.1	2.0
1982		2.2	2.4										

SIC 2251—WOMEN'S HOSIERY, EXCEPT SOCKS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	28.0	28.8	28.8	28.8	28.6	28.2	27.8	27.7	27.6	27.6	27.6	27.6	27.5
1978	28.6	27.6	27.6	27.7	27.9	28.6	28.7	28.8	28.8	28.8	28.8	28.8	28.8
1979	28.1	27.9	28.0	28.1	28.1	28.4	28.6	28.6	28.6	28.6	28.6	28.6	28.6
1980	28.0	27.9	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
1981	28.0	27.9	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
1982		27.9	27.9										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	23.3	23.9	23.9	23.9	23.8	23.5	23.1	23.0	22.9	22.9	22.9	22.9	22.8
1978	23.8	22.9	22.9	23.0	23.2	23.8	23.8	23.9	23.9	23.9	23.9	23.9	23.9
1979	23.3	23.1	23.2	23.3	23.3	23.6	23.8	23.8	23.8	23.8	23.8	23.8	23.8
1980	23.2	23.1	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
1981	23.2	23.1	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
1982		23.1	23.1										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	24.7	25.4	25.5	25.5	25.3	24.9	24.6	24.5	24.4	24.4	24.4	24.4	24.3
1978	25.3	24.5	24.5	24.6	24.7	25.3	25.4	25.5	25.5	25.5	25.5	25.5	25.5
1979	24.8	24.6	24.6	24.8	24.8	25.1	25.3	25.3	25.3	25.3	25.3	25.3	25.3
1980	24.8	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6
1981	24.4	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6
1982		24.6	24.6										

See footnotes at end of table.

SIC 2251—WOMEN'S HOSIERY, EXCEPT SOCKS (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	130.68	126.17	128.40	124.69	123.03	126.75	128.82	126.17	131.71	133.94	135.68	142.91	139.5
1978	144.74	132.77	134.29	137.56	135.03	135.74	142.01	146.22	151.98	152.46	153.03	154.42	156.1
1979	158.50	148.43	144.80	154.28	142.56	154.58	159.85	158.18	166.23	163.20	165.58	171.54	169.3
1980	161.98	167.37	159.65	164.69	161.04	160.15	157.91	157.88	162.36	158.10	155.40	164.56	172.6
1981	181.54	176.27	169.93	176.60	172.79	177.45	180.21	176.23	188.48	183.82	185.87	192.17	185.0
1982		157.45	194.16										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.43	3.41	3.37	3.37	3.38	3.38	3.39	3.41	3.43	3.47	3.47	3.52	3.5
1978	3.74	3.62	3.61	3.62	3.62	3.61	3.66	3.73	3.79	3.85	3.84	3.88	3.9
1979	4.16	3.99	4.00	4.06	4.00	4.11	4.17	4.20	4.24	4.25	4.30	4.32	4.3
1980	4.85	4.37	4.35	4.38	4.40	4.38	4.35	4.41	4.51	4.51	4.51	4.57	4.5
1981	4.66	4.76	4.76	4.76	4.76	4.75	4.77	4.81	4.96	5.00	5.01	5.07	5.0
1982		5.17	5.15										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	38.1	37.0	38.1	37.0	36.4	37.5	38.0	37.0	38.4	38.6	39.1	40.5	39.5
1978	38.7	36.8	37.3	38.0	37.3	37.6	38.4	39.2	40.1	39.5	39.6	39.9	39.9
1979	38.2	37.2	36.2	38.0	35.7	37.6	38.4	39.2	39.8	39.5	39.8	39.9	39.9
1980	38.4	38.3	36.7	38.3	38.2	36.9	36.0	38.3	38.4	38.2	38.4	38.5	38.7
1981	37.2	36.8	36.7	37.1	36.1	37.4	38.2	38.5	38.8	38.4	37.1	36.1	36.4
1982		36.5	37.2										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
1978	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
1979	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
1980	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
1981	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
1982		2.1	2.1										

SIC 2252—HOSIERY, NEC

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1
1978	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1
1979	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1
1980	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1
1981	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1
1982		24.1	24.1										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1
1978	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1
1979	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1
1980	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1
1981	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1
1982		24.1	24.1										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	30.4	29.9	29.7	30.1	30.5	30.8	30.1	30.4	30.4	30.3	30.5	30.4	30.4
1978	30.4	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1
1979	30.4	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1
1980	30.4	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1
1981	30.4	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1
1982		30.1	30.1										

SIC 2252—HOSIERY, NEC (Con.)

PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	132.45	120.60	129.70	129.79	126.11	130.52	134.46	132.10	136.85	135.55	140.85	141.02	134.17
1978	135.13	124.51	139.08	139.07	138.00	140.22	142.08	139.13	143.63	143.24	141.26	140.82	141.66
1979	150.14	139.44	139.74	146.03	140.49	146.77	151.93	154.57	156.11	153.09	159.60	160.70	156.24
1980	166.21	161.94	168.30	162.63	155.01	156.20	164.05	161.37	166.53	172.33	172.96	177.17	174.93
1981	181.98	175.36	180.40	181.93	177.34	184.03	190.00	187.02	185.17	179.34	186.24	180.31	171.47
1982		147.90	182.94										

PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.45	3.35	3.36	3.38	3.39	3.39	3.43	3.44	3.50	3.53	3.53	3.57	3.54
1978	3.74	3.63	3.66	3.65	3.68	3.69	3.70	3.72	3.76	3.83	3.87	3.89	3.86
1979	4.08	3.95	3.97	3.99	3.98	4.01	4.03	4.10	4.13	4.16	4.20	4.24	4.20
1980	4.48	4.33	4.36	4.36	4.33	4.40	4.41	4.47	4.55	4.62	4.60	4.65	4.64
1981	4.84	4.74	4.76	4.75	4.78	4.78	4.81	4.82	4.86	4.90	4.94	4.94	4.97
1982		5.10	5.11										

PRODUCTION-WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	38.4	36.0	38.6	38.4	37.2	38.5	39.2	38.4	39.1	38.4	39.9	39.5	37.9
1978	37.2	34.3	38.0	38.1	37.5	38.0	38.4	37.4	38.2	37.4	36.5	36.2	36.7
1979	36.8	35.3	35.2	36.6	35.3	36.6	37.7	37.7	37.8	36.8	38.0	37.9	37.2
1980	37.1	37.4	38.6	37.3	35.8	35.5	37.2	36.1	36.6	37.3	37.6	38.1	37.7
1981	37.6	37.0	37.9	38.3	37.1	38.5	39.5	38.8	38.1	36.6	37.7	36.5	34.5
1982		29.0	35.8										

PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	2.2	1.3	1.8	1.9	1.8	2.0	2.6	2.4	2.7	2.6	2.8	2.7	1.7
1978	2.1	1.5	2.0	2.1	2.1	2.2	2.4	2.1	2.2	2.2	2.3	2.1	1.7
1979	1.9	1.5	1.8	1.8	1.2	1.7	2.2	2.3	2.2	1.9	2.2	2.0	1.4
1980	1.8	1.9	2.3	1.9	1.3	1.3	1.8	1.6	1.8	2.2	1.9	2.0	1.7
1981	2.0	1.8	1.8	2.0	1.6	2.3	3.1	2.6	2.2	1.8	2.0	1.6	1.0
1982		1.3	1.3										

SIC 2253—KNIT OUTERWEAR MILLS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	76.0	68.4	70.7	72.5	74.1	75.5	78.2	73.9	79.5	80.3	81.4	81.1	76.0
1978	78.6	73.7	75.8	78.1	79.6	80.4	82.3	79.4	82.8	81.5	79.2	76.4	73.7
1979	70.5	71.0	70.7	71.0	70.7	70.4	72.0	68.0	72.2	71.5	70.3	69.7	68.6
1980	69.3	65.2	67.8	69.3	69.3	69.9	70.6	67.9	71.3	70.4	70.7	70.4	69.1
1981	71.5	66.7	68.0	68.5	70.6	72.0	73.5	73.0	74.7	75.0	73.9	72.9	69.3
1982		63.7	64.5										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	54.2	48.4	50.7	51.7	52.6	53.5	55.7	52.4	56.8	57.5	58.8	59.1	53.7
1978	56.6	53.3	54.8	56.5	57.5	58.1	59.4	57.1	59.8	58.9	57.0	54.7	52.2
1979	49.5	49.8	49.4	49.8	49.7	49.9	51.0	48.0	50.7	50.3	49.5	48.9	47.9
1980	48.1	48.8	46.9	48.1	48.2	48.6	49.1	47.1	49.4	48.8	49.3	49.2	48.0
1981	49.9	46.1	47.3	47.7	49.4	50.4	51.3	51.0	52.0	52.5	51.9	51.2	48.4
1982		44.2	44.3										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	64.6	57.6	59.6	61.6	63.2	64.3	66.8	62.8	67.9	68.6	69.5	69.3	64.4
1978	67.1	62.3	64.4	66.4	68.1	68.9	70.8	67.8	71.1	69.7	67.4	65.3	62.4
1979	60.3	60.3	59.8	60.4	60.3	60.3	61.8	58.5	62.1	61.5	60.4	59.8	58.8
1980	59.4	55.5	58.2	59.5	59.6	60.0	60.6	57.9	61.4	60.4	60.5	60.2	58.8
1981	60.7	56.5	57.6	58.0	60.0	61.4	62.6	62.1	63.5	64.0	62.6	61.8	58.5
1982		53.2	53.8										

SIC 2253—KNIT OUTERWEAR MILLS (Con.)

PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	140.62	131.36	140.21	141.71	137.25	139.09	143.21	137.63	142.87	142.13	144.78	144.40	141.37
1978	146.57	134.40	142.84	146.69	147.42	148.60	150.11	147.71	150.02	148.37	146.80	147.86	147.42
1979	159.27	145.31	147.03	151.37	146.91	154.71	158.38	160.45	165.35	169.56	168.52	171.11	173.94
1980	179.63	171.61	176.22	175.10	174.09	179.33	182.28	178.42	183.26	181.45	183.74	183.46	186.73
1981	188.87	184.88	186.62	184.50	180.80	187.50	187.75	187.99	194.44	187.61	195.43	194.91	191.44
1982		157.95	188.48										

PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.72	3.69	3.68	3.70	3.66	3.67	3.71	3.67	3.74	3.75	3.79	3.80	3.78
1978	3.94	3.84	3.85	3.85	3.90	3.89	3.94	3.96	3.99	4.01	4.00	4.04	4.05
1979	4.27	4.14	4.13	4.17	4.15	4.17	4.19	4.29	4.34	4.37	4.40	4.41	4.46
1980	4.69	4.54	4.53	4.56	4.63	4.67	4.71	4.72	4.76	4.75	4.76	4.79	4.85
1981	5.05	4.97	4.95	4.92	4.94	5.00	4.98	5.04	5.09	5.14	5.17	5.17	5.16
1982		5.23	5.25										

PRODUCTION-WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	37.8	35.6	38.1	38.3	37.5	37.9	38.6	37.5	38.2	37.9	38.2	38.0	37.4
1978	37.2	35.0	37.1	38.1	37.8	38.2	38.1	37.3	37.6	37.0	36.7	36.6	36.4
1979	37.3	35.1	35.6	36.3	35.4	37.1	37.8	37.4	38.1	38.8	38.3	38.8	39.0
1980	38.3	37.8	38.9	38.4	37.6	38.4	38.7	37.8	38.5	38.2	38.6	38.3	38.5
1981	37.4	37.2	37.7	37.5	36.6	37.5	37.7	37.3	38.2	36.5	37.8	37.7	37.1
1982		30.2	35.9										

PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	2.5	1.8	2.4	2.6	2.3	2.6	2.9	2.3	2.7	2.7	2.8	2.6	2.2
1978	2.2	1.7	2.5	2.5	2.4	2.6	2.6	2.3	2.4	2.1	1.9	1.9	1.7
1979	2.0	1.3	1.8	1.7	1.3	1.8	2.0	1.8	2.3	2.5	2.5	2.6	2.7
1980	2.5	2.3	2.8	2.7	2.3	2.3	2.3	2.4	2.7	2.5	2.6	2.5	2.4
1981	2.1	2.2	2.2	2.1	1.6	2.2	2.0	1.8	2.4	1.9	2.4	2.0	1.8
1982		1.0	1.4										

SIC 2254—KNIT UNDERWEAR MILLS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	33.7	34.2	33.5	34.5	34.3	34.4	34.6	33.7	33.6	33.0	33.0	33.0	32.8
1978	33.5	33.6	33.7	33.5	33.6	34.1	34.0	33.4	33.7	33.5	33.4	33.0	32.7
1979	32.0	32.9	33.0	33.1	33.1	31.8	32.0	30.6	31.8	31.7	31.3	31.5	31.4
1980	30.9	31.1	31.0	31.2	30.9	31.0	31.3	30.6	30.8	30.7	30.7	30.7	30.9
1981	30.2	30.6	30.7	30.5	30.6	30.6	31.1	30.3	30.3	30.0	29.6	29.4	28.3
1982		27.3	27.7										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	24.0	24.1	23.9	24.7	24.5	24.6	24.7	24.0	23.7	23.4	23.4	23.5	23.3
1978	24.6	24.1	24.0	24.1	24.3	24.9	25.0	24.5	24.7	24.8	24.9	25.0	24.3
1979	24.2	24.8	24.8	24.9	25.1	23.8	24.2	23.0	24.1	24.0	23.8	24.1	24.0
1980	23.5	23.8	24.1	24.1	23.6	23.8	23.9	23.1	23.1	23.2	23.2	23.3	23.3
1981	22.2	23.1	23.1	22.9	22.8	22.7	23.0	21.9	21.9	21.7	21.5	21.3	20.7
1982		19.9	20.3										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	29.1	29.5	29.1	29.9	29.7	29.7	29.9	29.1	29.0	28.6	28.4	28.4	28.3
1978	29.0	29.3	29.4	29.2	29.2	29.6	29.5	28.8	28.9	28.7	28.7	28.4	28.1
1979	27.7	28.4	28.5	28.4	28.4	27.3	27.7	26.4	27.4	27.4	27.2	27.4	27.3
1980	26.7	27.1	27.0	26.9	26.6	26.7	27.1	26.3	26.5	26.4	26.4	26.6	26.9
1981	26.1	26.6	26.6	26.5	26.5	26.6	27.1	25.9	26.1	25.9	25.6	25.2	24.5
1982		23.3	23.6										

See footnotes at end of tables.

SIC 2254—KNIT UNDERWEAR MILLS (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	130.82	122.06	128.14	131.29	125.43	127.76	130.56	129.48	131.60	132.40	134.59	139.32	137.92
1978	141.00	129.17	139.49	140.61	141.36	141.73	145.88	138.38	141.00	142.12	143.25	144.02	145.92
1979	147.24	143.24	145.20	145.08	140.24	145.48	149.88	151.10	144.84	146.56	150.95	152.76	151.08
1980	168.18	155.94	166.66	159.50	167.26	169.72	167.35	169.55	166.16	168.36	169.46	173.45	174.94
1981	177.48	175.81	176.05	176.90	171.15	178.00	179.83	175.78	182.77	178.21	181.22	179.99	172.37
1932		133.32	178.02										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

1977	3.47	3.40	3.39	3.41	3.39	3.38	3.40	3.49	3.50	3.54	3.57	3.60	3.62
1978	3.74	3.68	3.70	3.71	3.72	3.72	3.75	3.71	3.75	3.74	3.75	3.79	3.84
1979	4.09	3.99	4.00	4.03	4.03	4.03	4.04	4.04	4.08	4.14	4.17	4.22	4.26
1980	4.57	4.43	4.48	4.52	4.57	4.55	4.56	4.57	4.59	4.60	4.63	4.65	4.69
1981	4.93	4.83	4.81	4.86	4.89	4.89	4.90	4.91	4.98	5.02	5.02	5.07	5.04
1982		5.05	5.19										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

1977	37.7	35.9	37.8	38.5	37.0	37.8	38.4	37.1	37.6	37.4	37.7	38.7	38.1
1978	37.7	35.1	37.7	37.9	38.0	38.1	38.9	37.3	37.6	38.0	38.2	38.0	38.0
1979	36.0	35.9	36.3	36.0	34.8	36.1	37.1	37.4	35.5	35.4	36.2	36.2	35.3
1980	36.8	35.2	37.2	37.5	36.6	37.3	36.7	37.1	36.2	36.6	36.6	37.3	37.3
1981	36.0	36.4	36.6	36.4	35.0	36.4	36.7	35.8	36.7	35.5	36.1	35.5	34.2
1982		25.4	34.3										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

1977	1.6	1.4	1.4	1.9	1.6	1.9	2.0	1.6	1.8	1.8	1.9	2.1	2.2
1978	2.1	1.6	2.3	2.2	2.1	2.2	2.5	1.7	1.9	2.0	2.2	2.1	2.0
1979	1.2	1.3	1.4	1.2	.7	1.2	1.5	1.0	1.1	1.0	1.1	1.3	1.5
1980	1.5	1.1	1.5	1.7	1.7	1.6	1.4	1.4	1.3	1.5	1.4	1.6	1.7
1981	1.1	1.4	1.1	1.2	.6	1.2	1.3	.7	1.4	1.6	1.2	1.2	.6
1982		.6	.6										

SIC 2257—CIRCULAR KNIT FABRIC MILLS

ALL EMPLOYEES—IN THOUSANDS

1977	36.1	35.3	36.0	36.6	36.8	36.7	37.0	36.2	36.2	36.3	35.7	35.4	34.9
1978	34.8	34.6	34.6	34.5	34.1	35.3	35.4	34.2	35.1	35.2	35.4	34.3	34.2
1979	34.2	33.9	34.1	34.1	34.1	34.3	35.1	34.6	34.0	33.8	33.8	33.9	34.2
1980	33.1	34.4	35.0	35.1	35.0	33.8	33.1	31.1	32.4	32.1	32.0	31.4	31.3
1981	29.2	30.4	30.3	30.6	30.7	30.2	30.0	29.7	29.5	29.5	27.9	25.8	25.7
1982		25.1	25.0										

WOMEN EMPLOYEES—IN THOUSANDS

1977	15.2	14.9	15.6	15.8	15.7	15.6	15.6	15.1	14.9	14.8	14.6	14.7	14.6
1978	13.5	14.1	14.0	13.8	13.6	14.3	14.2	13.4	14.1	14.2	14.1	13.7	13.5
1979	13.3	13.1	13.1	13.1	13.3	13.3	13.7	13.5	12.3	13.3	13.2	13.3	13.5
1980	12.9	13.6	13.9	13.9	13.8	13.1	12.6	12.0	12.5	12.4	12.2	12.1	11.9
1981	11.1	11.7	11.6	11.6	11.6	11.4	11.3	11.2	11.3	11.1	10.6	9.9	9.9
1982		9.6	9.6										

PRODUCTION WORKERS—IN THOUSANDS

1977	30.3	29.5	30.3	30.8	31.0	31.0	31.2	30.0	30.5	30.3	29.7	29.6	29.1
1978	29.3	28.9	29.2	29.1	28.9	29.9	30.1	28.5	29.6	29.7	29.8	29.0	28.4
1979	28.4	27.9	28.0	27.9	28.3	28.2	29.2	28.7	28.1	28.2	28.2	28.5	28.9
1980	28.0	29.2	29.8	29.8	29.7	28.6	28.0	26.1	27.2	27.4	26.9	26.4	26.3
1981	24.6	25.7	25.6	25.9	26.0	25.6	25.4	25.0	25.0	24.9	23.5	21.6	21.4
1982		20.7	20.9										

See footnotes at end of tables

SIC 2257—CIRCULAR KNIT FABRIC MILLS (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	164.02	154.84	159.57	161.16	162.37	164.80	164.02	163.98	162.31	170.51	163.12	170.06	170.0
1978	179.11	166.57	170.80	175.46	179.75	180.98	182.65	172.09	181.15	185.89	184.91	183.26	186.3
1979	193.59	182.56	183.88	189.72	184.00	186.52	191.90	188.97	198.21	198.13	199.93	207.75	211.1
1980	218.35	213.35	219.17	218.01	212.85	207.26	216.89	214.12	223.82	221.45	222.64	222.30	232.2
1981	225.01	219.14	220.25	219.45	212.14	224.22	225.79	227.94	230.29	230.83	230.68	234.24	234.5
1982		206.96	230.30										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

1977	4.07	3.96	3.94	3.95	3.97	4.00	4.02	4.12	4.13	4.21	4.14	4.21	4.1
1978	4.39	4.26	4.27	4.29	4.29	4.34	4.38	4.39	4.44	4.49	4.51	4.52	4.5
1979	4.78	4.61	4.62	4.65	4.67	4.71	4.75	4.76	4.87	4.88	4.90	4.97	4.9
1980	5.30	5.02	5.05	5.07	5.08	5.08	5.29	5.38	5.54	5.55	5.58	5.55	5.5
1981	5.74	5.52	5.52	5.50	5.51	5.72	5.76	5.80	5.92	5.98	5.93	6.02	6.0
1982		5.93	5.86										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

1977	40.3	39.1	40.5	40.8	40.9	41.2	40.8	39.8	39.3	40.5	39.4	40.2	41.1
1978	40.8	39.1	40.0	40.9	41.9	41.7	41.7	39.2	40.8	41.4	41.0	40.5	41.1
1979	40.5	39.6	39.8	40.8	39.4	39.6	40.4	39.7	40.7	40.6	40.8	41.8	42.1
1980	41.2	42.5	43.4	43.0	41.9	40.8	41.0	39.8	40.4	39.9	39.9	40.0	41.6
1981	39.2	39.7	39.9	39.9	38.5	39.2	39.2	39.3	38.9	38.6	38.9	39.5	39.7
1982		34.9	39.3										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

1977	3.9	3.7	4.0	4.1	4.7	4.8	4.1	3.9	3.3	4.3	3.2	3.5	3.8
1978	4.5	3.1	4.0	4.5	5.3	5.2	5.3	4.4	4.6	4.9	4.6	4.2	4.5
1979	4.3	3.8	4.1	4.6	3.9	4.2	4.7	3.9	3.9	4.1	4.0	4.8	5.0
1980	4.3	5.5	5.6	5.5	4.5	4.2	4.0	3.5	4.2	3.5	3.2	3.3	4.1
1981	2.5	3.0	3.0	2.9	2.0	2.6	2.3	2.5	2.4	1.6	2.4	2.8	3.2
1982		2.0	2.3										

SIC 226—TEXTILE FINISHING, EXCEPT WOOL

ALL EMPLOYEES—IN THOUSANDS

1977	80.8	79.6	79.5	80.1	81.3	81.8	82.9	80.6	81.2	80.9	79.8	80.3	80.1
1978	79.4	80.5	80.2	79.9	79.3	80.7	81.1	78.2	78.3	79.4	79.4	79.4	79.3
1979	77.9	79.5	79.3	78.9	78.1	78.3	78.4	75.6	76.3	76.6	77.5	77.5	77.3
1980	73.7	77.1	77.1	76.7	76.5	75.3	74.5	68.4	71.4	71.4	71.7	72.9	72.2
1981	70.6	70.9	70.9	71.0	70.8	71.0	71.7	68.9	70.6	70.9	70.6	70.2	69.8
1982		68.2	67.5										

WOMEN EMPLOYEES—IN THOUSANDS

1977	24.2	23.9	23.9	24.1	24.6	24.4	24.6	24.0	24.2	24.3	24.0	24.3	24.3
1978	23.5	24.2	24.0	23.6	23.3	23.9	24.1	23.0	23.0	23.5	23.1	23.2	23.1
1979	23.1	22.9	22.9	23.0	23.1	23.4	23.4	22.5	23.0	23.3	23.6	23.2	23.3
1980	22.1	23.0	23.1	23.0	23.0	22.9	22.6	20.7	21.5	21.4	21.4	21.8	21.9
1981	21.4	21.5	21.5	21.5	21.5	21.2	21.5	20.4	21.5	21.9	21.6	21.4	21.1
1982		19.9	20.1										

PRODUCTION WORKERS—IN THOUSANDS

1977	68.4	67.3	67.1	67.8	68.9	69.2	70.3	68.0	68.8	68.5	67.5	68.7	68.5
1978	67.3	68.1	67.9	67.9	67.2	68.4	69.0	66.2	66.3	67.4	66.6	67.6	67.5
1979	65.6	67.3	66.8	66.6	65.9	65.9	66.0	63.5	64.3	64.7	65.7	65.3	65.1
1980	61.9	65.6	65.1	64.8	64.6	63.5	62.6	56.9	59.7	59.7	60.0	60.4	61.0
1981	58.8	59.4	59.1	59.5	58.9	59.1	59.7	57.1	58.8	59.3	59.0	58.2	57.9
1982		56.5	55.6										

SIC 226—TEXTILE FINISHING, EXCEPT WOOL (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	176.25	149.47	169.32	172.23	176.40	171.81	175.98	171.50	179.66	183.94	182.65	183.85	189.16
1978	190.33	179.49	182.04	187.26	186.43	187.68	190.71	189.57	195.10	199.55	190.28	196.05	201.12
1979	203.64	190.20	195.77	195.43	188.81	193.66	203.34	194.71	205.73	217.18	215.79	219.63	224.12
1980	219.91	217.78	215.06	219.14	214.95	211.41	214.20	198.69	216.31	226.29	226.80	235.57	244.52
1981	236.50	231.99	234.43	237.99	230.61	240.09	242.65	233.38	241.79	238.37	245.01	247.23	249.27
1982		210.22	253.98										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	4.27	4.11	4.15	4.15	4.18	4.14	4.18	4.32	4.35	4.39	4.38	4.43	4.43
1978	4.59	4.44	4.44	4.48	4.46	4.49	4.53	4.59	4.69	4.74	4.71	4.77	4.80
1979	4.95	4.79	4.81	4.79	4.78	4.77	4.83	4.88	5.03	5.11	5.15	5.18	5.20
1980	5.39	5.31	5.22	5.23	5.23	5.22	5.25	5.37	5.49	5.56	5.60	5.69	5.74
1981	5.87	5.70	5.69	5.68	5.68	5.73	5.75	5.82	5.97	6.05	6.11	6.15	6.17
1982		5.58	6.10										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	41.2	38.6	40.8	41.5	42.2	41.5	42.1	39.7	41.3	41.9	41.7	41.5	42.7
1978	41.4	40.2	41.0	41.8	41.8	41.8	42.1	41.3	41.6	42.1	40.4	41.1	41.9
1979	41.1	40.2	40.9	40.8	39.5	40.6	42.1	39.9	40.9	42.5	41.9	42.4	43.1
1980	41.8	41.4	41.2	41.9	41.1	40.5	40.6	37.0	39.4	40.7	40.5	41.4	42.6
1981	40.8	40.3	41.2	41.9	40.6	41.9	43.2	40.1	40.5	39.4	40.1	40.2	40.4
1982		34.0	41.5										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	4.0	3.0	3.9	4.1	4.5	4.2	4.5	3.3	4.3	4.6	4.3	4.5	4.6
1978	4.2	4.1	4.0	4.5	4.3	4.3	4.5	3.3	4.1	4.5	3.7	4.1	4.8
1979	3.6	3.1	3.7	3.4	2.1	3.2	4.1	2.7	3.8	4.3	4.1	4.3	4.4
1980	3.5	3.6	3.6	4.1	3.6	3.3	3.4	2.0	2.6	3.4	3.3	4.0	4.5
1981	3.6	3.7	3.6	3.9	3.3	4.1	4.3	3.2	3.6	3.2	3.2	3.5	3.4
1982		1.9	2.7										

SIC 2261—FINISHING PLANTS, COTTON

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	33.2	32.9	32.6	32.7	33.3	33.4	33.9	32.9	33.3	33.2	32.7	33.5	33.8
1978	32.9	33.7	33.6	33.7	33.5	33.2	33.1	32.1	32.5	32.3	32.4	32.4	32.2
1979	33.2	32.1	31.9	31.6	31.2	31.3	31.3	30.2	30.5	30.5	31.0	31.1	31.1
1980	29.9	30.4	30.3	30.7	30.5	30.5	30.5	28.4	29.2	29.4	29.5	29.5	29.5
1981	29.3	29.1	29.1	29.2	29.0	28.9	29.5	28.6	29.3	29.4	29.8	29.7	29.4
1982		29.0	29.5										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	9.9	9.7	9.6	9.8	10.0	10.0	10.0	9.9	9.9	9.9	9.9	10.1	10.2
1978	10.0	10.0	10.1	10.1	10.1	10.0	9.9	9.8	9.9	9.9	10.0	10.0	9.8
1979	9.7	9.6	9.6	9.6	9.5	9.5	9.7	9.7	9.6	9.6	9.6	9.7	9.7
1980	9.5	9.5	9.5	9.6	9.5	9.7	9.8	9.7	9.2	9.4	9.4	9.3	9.1
1981	9.4	9.3	9.3	9.3	9.7	9.5	9.2	9.6	9.1	9.9	10.1	10.4	10.2
1982		9.2	9.3										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	27.6	27.2	26.9	27.2	27.7	27.7	28.2	27.3	27.8	27.6	27.2	28.0	28.3
1978	27.6	28.1	28.2	28.3	28.0	27.8	27.7	26.7	27.3	27.1	27.2	27.2	26.9
1979	26.0	25.9	26.7	26.5	26.0	26.1	26.1	25.2	25.4	25.4	25.9	26.0	26.0
1980	24.9	25.9	25.3	25.7	25.4	25.6	25.5	23.4	24.2	24.5	24.4	24.6	24.5
1981	24.1	24.2	24.1	24.2	23.8	23.7	24.3	23.4	23.9	24.2	24.6	24.2	24.2
1982		23.8	23.1										

SIC 2261—FINISHING PLANTS, COTTON (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	177.55	155.74	166.36	169.74	177.85	173.47	176.82	171.30	178.57	186.43	190.00	191.56	194.79
1978	192.51	181.40	180.95	188.90	187.23	186.26	189.32	191.63	197.60	203.34	194.25	200.86	209.23
1979	207.65	195.05	200.72	197.88	184.99	193.12	201.88	196.61	214.76	222.60	221.23	230.26	229.62
1980	223.16	221.96	221.20	224.39	219.63	217.18	219.60	193.28	219.74	225.50	224.22	240.53	251.50
1981	238.98	232.76	234.84	243.02	230.04	239.37	238.21	229.12	243.61	244.99	246.23	244.77	245.57
1982		222.63	270.40										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	4.32	4.12	4.18	4.15	4.22	4.16	4.20	4.37	4.42	4.46	4.46	4.55	4.53
1978	4.65	4.49	4.49	4.53	4.49	4.51	4.54	4.64	4.75	4.83	4.82	4.84	4.90
1979	5.04	4.84	4.86	4.85	4.78	4.84	4.90	4.94	5.20	5.25	5.26	5.33	5.32
1980	5.51	5.31	5.33	5.33	5.37	5.31	5.33	5.46	5.62	5.68	5.72	5.81	5.89
1981	5.93	5.79	5.77	5.80	5.78	5.81	5.81	5.83	6.06	6.14	6.11	6.15	6.17
1982		6.15	6.09										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	41.1	37.8	39.8	40.9	42.1	41.7	42.1	39.2	40.4	41.8	42.6	42.1	43.0
1978	41.4	40.4	40.3	41.7	41.7	41.3	41.7	41.3	41.6	42.1	40.3	41.5	42.7
1979	41.2	40.3	41.3	40.8	38.7	39.9	41.2	39.6	41.3	42.4	41.9	43.7	43.2
1980	40.5	41.8	41.5	42.1	40.9	40.9	41.2	35.4	39.1	39.7	39.2	41.4	42.7
1981	40.3	40.2	40.7	41.9	39.8	41.2	41.0	39.3	40.2	39.9	40.3	39.8	39.8
1982		36.2	44.4										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	4.3	3.1	3.5	3.8	4.7	4.4	4.5	3.7	3.8	4.7	4.8	5.4	5.1
1978	4.3	4.6	3.9	4.7	4.3	4.2	4.3	3.6	4.2	4.9	3.8	4.1	5.4
1979	3.5	3.5	3.8	3.3	1.4	2.7	3.8	2.9	3.1	4.0	4.0	4.7	4.4
1980	3.5	4.0	3.7	4.0	3.7	3.4	3.1	2.0	2.5	3.2	3.0	4.2	4.8
1981	3.3	3.5	3.4	4.1	3.2	3.7	3.6	2.9	3.3	3.3	3.0	3.0	3.0
1982		1.6	2.6										

SIC 2262—FINISHING PLANTS, SYNTHETICS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	30.1	29.7	29.9	30.1	30.4	30.5	30.8	30.3	30.1	30.0	29.8	30.0	30.0
1978	29.8	29.7	29.4	29.8	29.9	30.5	30.8	29.8	29.2	30.4	27.5	30.4	30.6
1979	30.1	30.8	31.0	30.9	30.6	30.2	30.4	29.2	29.3	29.6	29.6	29.6	30.2
1980	28.1	30.0	30.0	28.9	29.2	28.4	28.1	25.4	27.5	27.2	27.4	27.5	27.5
1981	27.1	27.2	27.2	27.3	27.4	27.6	27.7	26.5	27.2	27.2	26.8	26.7	26.4
1982		26.1	25.9										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	6.8	6.9	7.0	6.9	7.0	6.7	6.8	6.7	6.6	6.7	6.6	6.7	6.8
1978	6.5	6.7	6.6	6.7	6.6	6.8	6.9	6.5	6.2	6.6	6.0	6.2	6.4
1979	6.6	6.5	6.5	6.8	6.8	6.6	6.8	6.4	6.5	6.7	6.7	6.5	6.6
1980	6.1	6.6	6.5	6.2	6.3	6.3	6.2	5.5	6.0	5.9	5.9	5.9	6.0
1981	5.9	5.9	5.9	5.9	6.1	6.1	6.1	5.8	5.9	5.9	5.8	5.7	5.6
1982		5.7	5.6										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	25.9	25.7	25.8	25.9	26.2	26.2	26.5	25.9	25.8	25.8	25.6	25.8	25.8
1978	25.6	25.4	25.3	25.6	25.8	26.2	26.6	25.6	24.9	26.0	23.3	26.1	26.2
1979	25.5	26.5	26.3	26.2	26.0	25.5	25.7	24.6	24.8	25.0	25.2	24.9	25.5
1980	23.6	25.4	25.3	24.3	24.7	23.9	23.6	21.0	23.0	22.8	23.1	23.2	23.2
1981	22.7	22.9	22.9	23.0	23.0	23.2	23.3	22.2	22.7	22.8	22.4	22.3	21.9
1982		21.8	21.5										

See footnotes at end of tables.

SIC 2262—FINISHING PLANTS, SYNTHETICS (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	166.82	172.71	165.30	164.84	166.74	165.96	167.43	163.47	164.68	165.04	165.44	165.61	164.54
1978	170.70	166.21	166.21	163.34	164.74	164.43	164.68	166.79	206.30	170.15	169.26	169.77	172.58
1979	173.82	169.18	164.72	164.50	169.11	169.60	171.39	164.30	172.49	168.61	174.42	169.78	169.26
1980	179.07	174.64	170.04	175.60	171.34	174.84	173.02	174.62	176.90	168.63	181.78	186.71	174.60
1981	193.93	195.61	192.36	187.35	193.95	193.86	190.61	187.85	193.59	191.64	197.35	203.57	194.82
1982		209.30	190.88										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.49	4.31	4.37	4.36	4.39	4.35	4.41	4.53	4.57	4.59	4.60	4.62	4.61
1978	4.75	4.64	4.67	4.67	4.67	4.68	4.76	4.79	4.87	4.91	4.88	4.97	4.99
1979	5.13	4.98	5.00	5.00	5.03	4.98	5.03	5.03	5.17	5.07	5.24	5.03	5.05
1980	5.56	5.40	5.38	5.41	5.37	5.36	5.42	5.56	5.66	5.57	5.77	5.77	5.66
1981	6.08	5.86	5.87	5.82	5.85	5.89	5.93	6.08	6.17	6.26	6.37	6.46	6.43
1982		6.46	6.40										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	41.7	39.7	41.4	42.1	42.4	41.6	42.5	40.5	42.6	42.5	41.4	41.3	42.2
1978	41.9	40.6	41.8	41.4	42.1	42.4	43.0	41.5	42.3	42.8	41.2	43.0	43.2
1979	41.7	40.3	40.7	40.9	42.0	42.1	42.3	40.0	41.2	41.0	41.4	40.6	43.6
1980	41.2	41.5	40.9	41.7	42.1	42.1	41.0	38.6	40.0	41.7	41.9	42.1	43.3
1981	41.6	41.7	42.6	42.5	41.7	43.1	43.8	40.9	41.1	38.6	40.4	40.6	41.2
1982		39.4	39.2										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.5	3.0	4.6	4.7	4.7	4.7	5.1	3.3	5.3	5.0	4.3	4.4	4.4
1978	4.9	3.7	4.7	4.1	4.5	4.8	5.0	3.2	4.4	4.6	4.2	4.8	5.2
1979	4.1	3.1	3.8	3.8	3.7	4.1	4.0	2.6	4.1	4.8	4.7	4.7	4.9
1980	3.7	3.8	3.6	3.8	3.6	3.7	3.8	2.6	4.1	4.8	4.7	4.7	4.9
1981	4.0	4.2	4.3	4.1	3.5	4.1	4.0	3.3	3.3	3.9	4.1	4.5	4.9
1982		2.2	3.7										

SIC 227—FLOOR COVERING MILLS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	59.9	57.7	58.3	59.2	59.5	59.6	60.2	59.4	60.3	60.5	61.2	61.3	61.1
1978	60.9	61.1	60.3	60.2	60.9	60.3	60.8	59.7	61.0	61.7	62.1	61.8	61.8
1979	60.5	60.3	61.4	61.4	60.4	60.4	60.6	60.4	60.3	60.5	59.9	59.7	58.9
1980	54.4	56.2	57.6	57.5	53.9	53.8	52.7	51.3	50.9	53.6	53.2	53.2	53.0
1981	52.6	52.5	51.4	52.3	53.2	52.3	53.0	52.6	53.4	53.5	52.5	51.7	51.0
1982		48.8	48.1										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	23.5	23.0	23.4	23.7	23.9	23.7	23.7	23.4	24.0	24.4	24.7	24.5	24.3
1978	24.6	24.4	24.1	24.0	24.3	24.1	24.4	24.4	24.5	24.9	25.1	25.0	25.1
1979	24.5	24.7	24.8	24.6	24.6	24.2	24.6	24.5	24.6	24.7	24.6	24.7	24.0
1980	22.6	23.7	23.5	23.6	23.5	22.5	21.8	21.1	22.2	22.3	21.9	22.2	21.9
1981	20.2	21.7	21.9	21.9	22.0	22.4	22.3	22.2	22.6	22.9	22.9	23.2	21.3
1982		20.1	20.4										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	46.3	46.4	47.1	47.8	48.2	48.4	48.4	47.7	48.5	48.8	49.5	49.7	49.6
1978	49.3	49.3	48.3	48.3	48.8	48.7	49.2	48.1	49.5	50.1	50.6	50.5	50.4
1979	49.4	49.8	50.4	50.1	49.1	49.2	50.5	49.3	49.2	49.4	48.9	48.6	47.7
1980	44.2	43.7	47.1	46.8	46.5	43.6	42.7	41.7	43.0	43.5	43.0	43.2	42.9
1981	42.2	42.5	42.1	43.2	42.1	42.6	42.5	42.3	42.9	43.1	42.1	41.1	40.8
1982		38.5	38.8										

See footnotes at end of tables.

SIC 227—FLOOR COVERING MILLS (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	170.14	158.60	160.26	159.90	163.12	162.37	167.45	171.38	165.14	167.17	175.38	177.56	180.75
1978	185.15	170.38	170.99	180.88	180.13	179.70	183.52	182.66	193.35	195.13	199.29	193.28	194.26
1979	197.89	185.78	192.68	193.12	174.96	190.76	199.38	196.55	206.43	205.12	209.28	210.28	211.12
1980	208.52	198.45	201.38	201.90	193.83	194.54	197.61	201.93	210.61	208.59	208.16	222.38	215.92
1981	222.44	220.40	217.80	216.78	214.01	211.74	220.62	222.31	230.62	222.34	227.33	235.24	223.82
1982		216.67	224.41										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.08	3.98	3.94	3.90	3.94	3.97	4.03	4.10	4.17	4.19	4.18	4.21	4.20
1978	4.44	4.30	4.04	4.33	4.33	4.33	4.38	4.46	4.50	4.56	4.55	4.56	4.60
1979	4.78	4.64	4.65	4.62	4.56	4.63	4.70	4.64	4.68	4.67	4.66	4.65	4.66
1980	5.20	4.90	4.96	5.02	4.97	5.04	5.09	5.10	5.15	5.14	5.16	5.16	5.16
1981	5.70	5.51	5.50	5.53	5.53	5.68	5.65	5.72	5.78	5.78	5.82	5.90	5.84
1982		5.96	5.99										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	41.7	39.9	40.7	41.0	41.4	40.9	41.6	41.8	42.3	42.2	42.1	42.1	42.5
1978	41.7	39.6	40.8	40.2	41.6	41.5	42.3	41.5	42.6	42.8	42.6	42.6	43.1
1979	41.4	39.8	41.5	41.8	39.8	41.1	42.3	42.3	43.9	43.8	44.0	43.6	44.1
1980	40.1	40.5	40.6	41.2	39.0	38.4	41.0	40.6	41.4	41.0	40.3	41.3	41.5
1981	39.2	40.0	39.6	39.0	38.7	40.4	40.4	38.5	39.9	38.4	38.4	38.2	38.2
1982		38.3	38.1										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.3	4.3	3.6	3.5	4.2	3.9	4.3	4.2	5.1	5.0	4.3	4.3	5.1
1978	4.4	3.8	3.7	4.4	4.3	4.3	4.9	4.1	4.9	5.0	4.2	4.6	5.2
1979	4.4	4.1	4.5	4.4	4.2	4.6	4.4	4.5	5.0	4.8	4.4	4.1	4.5
1980	3.3	3.6	3.2	3.7	3.3	2.5	2.6	2.5	3.3	3.3	3.1	3.3	3.4
1981	3.1	3.5	2.9	3.1	2.8	4.3	4.2	3.7	3.7	3.3	3.1	3.1	4.5
1982		3.6	3.6										

SIC 228—YARN AND THREAD MILLS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	132.5	130.6	130.7	131.7	133.3	133.9	135.2	131.9	133.7	131.9	130.5	130.1	129.8
1978	130.2	132.0	133.1	130.2	131.6	131.4	132.9	128.3	132.1	130.3	130.7	130.9	130.1
1979	131.6	133.0	133.6	132.1	131.9	132.3	133.8	127.4	130.9	130.8	131.1	131.8	131.3
1980	125.0	130.9	129.4	130.0	128.9	126.7	123.5	116.3	118.1	115.6	115.8	113.7	113.7
1981	121.2	122.9	122.6	121.8	121.5	122.0	122.9	120.2	123.0	123.2	123.7	118.7	116.3
1982		115.2	115.3										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	64.7	63.3	63.3	64.0	65.3	65.5	66.3	64.2	65.0	64.9	65.1	64.6	65.1
1978	64.7	64.3	64.7	64.4	64.8	64.2	65.0	63.1	64.2	64.9	65.4	66.1	66.4
1979	65.2	65.7	66.0	65.3	65.4	65.9	66.1	63.7	64.5	65.1	65.1	65.3	64.9
1980	61.2	64.4	63.6	64.3	63.3	62.1	60.2	56.2	59.8	59.6	60.2	60.6	60.4
1981	59.6	60.2	59.6	59.7	59.8	59.9	60.5	59.1	60.4	60.5	59.0	58.5	57.4
1982		56.0	56.1										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	121.0	119.4	119.4	120.4	121.9	122.4	123.8	120.5	122.0	120.0	120.7	120.4	121.1
1978	120.4	120.2	121.2	120.5	120.3	119.7	120.5	116.6	119.5	120.6	120.8	121.8	122.1
1979	119.5	121.0	121.7	120.7	119.8	120.2	120.7	115.5	119.0	119.0	119.1	119.5	119.1
1980	113.8	118.7	117.1	118.1	116.6	113.8	111.2	104.3	110.4	109.9	111.1	111.5	111.1
1981	109.1	110.9	110.1	110.0	109.6	110.1	110.8	108.3	110.9	111.2	107.5	106.3	103.8
1982		102.6	102.9										

SIC 228—YARN AND THREAD MILLS (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	152.15	142.13	145.44	148.42	147.74	148.78	151.89	155.01	156.24	158.21	155.86	159.01	158.26
1978	163.61	156.38	157.93	160.31	159.92	160.31	162.72	163.62	167.28	170.57	168.49	168.47	168.89
1979	176.14	167.56	167.16	169.64	163.44	168.82	172.15	174.80	181.85	186.18	187.01	189.61	189.61
1980	190.40	190.03	189.52	190.81	185.78	184.12	182.03	182.88	188.16	193.75	195.03	199.10	204.41
1981	204.79	199.50	200.40	200.90	196.89	204.02	203.81	205.92	210.40	208.21	208.50	203.68	203.14
1982		169.02	201.79										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	3.72	3.58	3.60	3.62	3.63	3.62	3.66	3.79	3.82	3.84	3.82	3.85	3.86
1978	4.02	3.89	3.89	3.91	3.91	3.91	3.94	4.06	4.11	4.15	4.15	4.17	4.17
1979	4.36	4.21	4.20	4.22	4.18	4.21	4.23	4.37	4.49	4.53	4.55	4.58	4.58
1980	4.76	4.59	4.60	4.62	4.61	4.58	4.62	4.75	4.90	4.93	4.95	4.99	5.01
1981	5.18	5.00	5.01	5.01	5.01	5.05	5.07	5.20	5.34	5.38	5.36	5.35	5.36
1982		5.40	5.41										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	40.9	39.7	40.4	41.0	40.7	41.1	41.5	40.9	40.9	41.2	40.6	41.3	41.0
1978	40.7	40.2	40.6	41.0	40.9	41.0	41.3	40.3	40.7	41.1	40.6	40.4	40.5
1979	40.4	39.8	39.6	40.2	39.1	40.1	40.7	40.0	40.5	41.1	41.1	40.4	41.4
1980	41.0	41.4	41.2	41.3	40.3	40.2	39.4	38.5	39.4	39.3	39.4	39.5	40.8
1981	39.4	39.9	40.0	40.1	39.3	40.4	40.2	39.6	39.4	38.7	38.9	38.0	37.9
1982		37.3	37.3										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	3.7	3.2	3.4	3.9	3.6	3.9	4.0	3.6	3.7	3.8	3.6	3.9	3.7
1978	3.7	3.7	3.8	3.9	3.8	3.8	3.9	3.7	3.6	3.9	3.7	3.5	3.4
1979	3.6	3.2	3.0	3.5	2.6	3.4	3.7	3.1	3.6	3.6	4.0	4.0	4.0
1980	3.3	4.0	4.0	4.2	3.6	3.4	3.0	2.4	2.5	2.6	2.9	3.1	3.5
1981	3.4	3.0	3.1	3.2	2.6	3.5	3.4	3.2	3.9	2.9	2.5	2.2	2.1
1982		1.6	2.3										

SIC 2281—YARN MILLS, EXCEPT WOOL

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	65.1	65.1	65.1	65.0	66.1	67.1	67.7	66.1	67.1	66.7	66.9	67.1	67.1
1978	67.1	67.1	67.1	67.3	67.6	68.5	68.1	68.6	67.3	67.7	68.1	67.9	67.9
1979	68.4	67.0	66.7	66.3	66.0	66.4	66.9	63.9	66.1	66.1	66.1	66.5	66.9
1980	62.9	66.0	65.0	66.1	65.3	63.9	63.6	79.1	62.9	62.1	63.2	63.6	63.3
1981	62.1	63.0	62.3	62.4	62.6	62.9	63.2	62.0	61.3	61.2	60.5	60.1	78.7
1982		74.1	74.5										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	39.7	39.1	39.1	39.2	39.7	39.8	40.0	39.2	39.9	40.1	40.1	40.2	40.1
1978	40.1	39.8	40.1	40.2	40.1	40.2	40.6	39.5	39.9	40.3	40.9	41.0	40.9
1979	40.2	40.0	40.4	40.6	40.0	40.4	40.6	38.9	40.3	40.3	40.1	40.6	40.5
1980	38.5	40.1	39.4	40.0	39.4	38.6	38.2	35.8	37.9	37.6	38.2	38.5	38.4
1981	38.0	38.3	38.1	38.2	38.3	38.4	38.5	38.1	38.7	38.6	37.3	37.3	36.7
1982		36.1	36.7										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	80.4	80.0	79.8	79.5	80.5	80.8	81.5	79.8	80.8	80.3	80.5	80.6	80.8
1978	81.0	80.5	81.1	81.3	80.9	81.2	82.0	79.8	80.1	80.7	81.1	81.4	81.3
1979	79.9	80.6	81.0	81.2	79.4	79.3	80.4	77.4	79.8	79.7	79.8	80.6	80.5
1980	77.1	80.2	79.0	79.6	78.6	77.2	76.9	72.8	76.2	75.5	76.4	76.8	76.5
1981	75.1	76.2	76.1	76.0	75.9	76.1	76.3	75.1	76.3	76.3	73.4	72.7	71.1
1982		70.6	71.0										

See footnotes at end of tables

SIC 2281—YARN MILLS, EXCEPT WOOL (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	153.97	142.76	146.42	148.27	146.88	149.70	152.52	156.87	158.12	161.32	159.26	162.39	162.09
1978	165.62	161.02	162.18	162.63	161.46	162.24	163.49	164.84	167.68	170.56	168.90	169.30	170.96
1979	179.14	169.64	169.24	172.16	163.46	169.68	173.86	176.92	184.01	189.24	191.03	193.66	195.00
1980	193.59	195.89	193.58	194.46	188.03	186.86	185.20	185.58	187.94	195.92	196.71	200.90	207.24
1981	204.09	200.80	200.30	201.80	196.39	203.62	204.32	207.68	212.12	207.13	209.28	203.36	202.83
1982		161.46	201.25										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	3.71	3.56	3.58	3.59	3.60	3.59	3.64	3.78	3.81	3.85	3.81	3.83	3.85
1978	4.02	3.88	3.88	3.90	3.90	3.90	3.93	4.07	4.12	4.16	4.16	4.17	4.18
1979	4.38	4.22	4.21	4.23	4.17	4.20	4.22	4.39	4.51	4.56	4.57	4.60	4.61
1980	4.78	4.62	4.62	4.63	4.62	4.58	4.63	4.77	4.90	4.96	4.98	5.01	5.03
1981	5.18	5.02	5.03	5.02	5.01	5.04	5.07	5.21	5.37	5.38	5.38	5.38	5.38
1982		5.40	5.41										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	41.5	40.1	40.9	41.3	40.8	41.7	41.9	41.5	41.5	41.9	41.8	42.4	42.1
1978	41.2	41.5	41.8	41.7	41.4	41.6	41.6	40.5	40.7	41.0	40.6	40.6	40.9
1979	40.9	40.2	40.2	40.7	39.2	40.4	41.2	40.3	40.8	41.5	41.8	42.1	42.3
1980	40.5	42.4	41.9	42.0	40.7	40.8	40.0	38.6	38.2	39.5	39.5	40.1	41.2
1981	39.4	40.0	39.9	40.2	39.2	40.4	40.3	39.9	39.5	38.5	38.9	37.8	37.7
1982		29.9	37.2										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	4.0	3.3	3.6	4.0	3.6	4.3	4.2	4.0	3.9	4.3	4.0	4.4	4.2
1978	4.0	4.2	4.3	4.3	4.2	4.2	4.1	3.9	3.6	3.9	3.8	3.7	3.7
1979	3.8	3.6	3.6	3.8	2.7	3.7	4.0	3.8	3.6	4.2	4.4	4.4	4.6
1980	3.5	4.5	4.4	4.5	4.0	3.7	3.1	2.7	2.4	2.9	3.1	3.3	3.6
1981	3.0	3.5	3.3	3.3	2.6	3.6	3.5	3.5	3.1	2.8	2.5	2.1	2.0
1982		1.3	2.1										

SIC 2282—THROWING AND WINDING MILLS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	22.9	22.4	22.2	23.0	23.6	23.7	24.0	23.4	23.2	21.7	22.4	22.7	22.5
1978	23.6	22.3	22.7	22.7	23.0	22.4	23.2	23.0	23.7	24.1	24.8	25.1	25.5
1979	24.9	25.6	25.6	25.8	25.8	25.8	25.6	23.9	24.4	24.4	24.6	23.9	23.0
1980	20.9	22.7	22.3	22.1	22.1	20.8	19.9	19.4	19.9	20.2	20.5	20.6	20.8
1981	20.1	20.4	20.2	20.2	19.9	20.0	20.4	19.7	20.4	20.4	19.8	19.7	18.9
1982		18.4	18.3										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	13.0	12.7	12.5	13.0	13.5	13.6	13.9	13.5	13.0	12.1	12.6	12.8	12.8
1978	13.4	12.6	12.7	13.0	13.1	12.8	13.1	12.8	13.4	13.8	14.1	14.3	14.6
1979	14.2	14.6	14.7	14.7	14.7	14.9	14.9	13.8	14.0	14.0	13.9	13.6	13.1
1980	12.1	12.9	12.7	12.7	12.8	12.1	11.6	11.2	11.7	11.8	11.6	12.0	12.2
1981	11.7	12.2	11.8	11.9	11.7	11.7	12.0	11.4	11.8	11.8	11.6	11.5	11.0
1982		10.5	10.6										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	20.5	20.0	19.9	20.6	21.2	21.3	21.6	21.1	20.7	19.1	19.9	20.3	20.0
1978	20.9	19.8	20.0	20.2	20.5	19.8	20.6	20.4	21.1	21.7	22.1	22.4	22.7
1979	22.0	22.8	23.1	23.0	23.0	22.9	22.8	21.1	21.6	21.6	21.5	20.9	20.2
1980	18.3	19.8	19.5	19.4	19.4	19.1	17.3	16.9	17.3	17.7	18.0	18.1	18.2
1981	17.7	18.4	17.8	17.9	17.6	17.7	18.0	17.5	18.1	18.1	17.6	17.4	16.7
1982		16.2	16.1										

SIC 2282—THROWING AND WINDING MILLS (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	143.32	133.63	138.20	141.50	144.13	142.43	144.63	143.11	147.66	148.92	146.55	147.73	142.86
1978	155.59	142.86	147.43	148.93	151.62	150.62	154.66	152.98	157.51	166.30	162.78	162.21	162.41
1979	165.45	157.93	157.10	160.33	162.76	162.37	161.56	163.46	169.32	173.96	174.68	178.54	168.25
1980	176.93	171.16	177.60	173.16	173.66	166.70	163.77	167.37	180.95	186.12	184.16	185.64	188.73
1981	194.77	190.49	190.31	189.94	189.24	194.89	193.25	190.06	195.86	196.77	200.34	196.61	198.28
1982		179.57	195.98										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

1977	3.61	3.48	3.49	3.52	3.55	3.56	3.58	3.66	3.71	3.65	3.71	3.74	3.73
1978	3.89	3.77	3.79	3.78	3.80	3.79	3.80	3.84	3.87	3.95	3.98	4.06	4.04
1979	4.21	4.06	4.07	4.09	4.11	4.09	4.09	4.17	4.28	4.35	4.40	4.43	4.37
1980	4.56	4.40	4.44	4.44	4.43	4.41	4.45	4.51	4.70	4.76	4.71	4.76	4.79
1981	4.99	4.81	4.83	4.82	4.84	4.86	4.89	4.95	5.10	5.26	5.15	5.12	5.15
1982		5.19	5.24										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

1977	39.7	39.4	39.6	40.2	40.6	40.0	40.4	39.1	39.6	40.8	39.5	39.5	38.3
1978	40.1	39.6	38.9	39.8	39.9	39.9	40.7	40.1	40.7	42.1	40.9	40.2	40.2
1979	39.3	38.9	38.6	39.2	39.6	39.7	39.5	39.2	39.7	39.9	39.7	39.4	38.5
1980	38.8	38.9	40.0	39.0	39.2	37.9	37.7	37.1	38.1	39.1	39.1	39.0	39.4
1981	39.1	39.6	39.4	39.2	39.1	40.1	39.6	38.4	38.6	39.5	38.9	38.4	38.5
1982		38.6	37.4										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

1977	3.3	2.5	3.2	3.7	3.6	3.6	3.6	2.8	3.6	3.5	3.3	3.1	2.6
1978	3.4	2.6	2.9	3.0	3.2	3.2	3.9	2.9	3.5	4.2	3.7	3.5	3.2
1979	3.1	2.7	2.8	3.2	3.2	3.4	3.2	2.9	3.4	3.2	3.4	3.2	2.8
1980	3.2	2.3	3.5	3.4	3.4	3.1	3.0	2.2	3.1	3.4	3.6	3.5	3.5
1981	3.0	3.1	3.3	3.1	2.8	3.4	3.1	2.5	2.7	3.4	2.6	3.0	2.5
1982		2.0	1.8										

SIC 229—MISCELLANEOUS TEXTILE GOODS

ALL EMPLOYEES—IN THOUSANDS

1977	70.6	69.5	69.4	70.0	70.4	70.9	71.8	68.1	72.1	70.5	71.6	71.5	71.6
1978	70.4	71.6	70.8	70.1	69.0	70.0	70.6	69.2	70.5	70.7	70.6	71.0	69.8
1979	70.2	71.0	70.8	70.3	69.8	70.2	70.6	70.4	69.1	69.9	70.5	69.8	66.2
1980	66.0	69.6	69.6	69.6	67.7	64.9	64.2	60.9	62.5	64.0	65.5	65.1	64.7
1981	65.8	65.5	65.8	65.6	66.0	65.9	66.9	65.6	66.1	67.1	66.1	66.1	
1982		63.0	62.7										

WOMEN EMPLOYEES—IN THOUSANDS

1977	21.1	21.1	21.2	20.6	21.2	21.2	21.5	20.2	20.9	21.2	21.2	21.2	21.4
1978	21.0	21.2	20.9	21.0	20.7	20.7	21.0	20.4	21.0	21.1	21.1	21.3	21.5
1979	21.3	21.3	21.5	21.5	21.3	21.3	21.3	21.2	20.7	21.0	21.1	21.3	19.6
1980	19.7	20.4	21.3	20.8	20.3	19.5	18.9	17.8	18.6	19.0	19.3	19.7	19.0
1981	19.3	19.2	19.5	19.3	19.4	19.3	19.7	19.0	19.4	19.6	19.3	19.7	19.0
1982		18.7	18.6										

PRODUCTION WORKERS—IN THOUSANDS

1977	56.2	55.1	55.1	55.7	56.1	56.3	57.2	53.9	56.6	57.1	57.2	57.4	57.2
1978	56.4	57.1	56.1	56.2	55.1	56.0	56.6	55.2	56.5	55.9	56.8	57.1	57.1
1979	56.3	57.2	57.1	56.6	55.9	56.0	56.6	56.5	55.7	55.9	56.3	55.9	56.1
1980	51.9	55.7	55.5	55.7	53.6	50.6	51.9	49.6	50.4	51.5	52.0	52.3	52.1
1981	51.8	51.7	52.1	51.9	52.1	52.0	52.8	51.5	52.5	52.9	52.0	50.6	49.9
1982		49.1	48.6										

See footnotes at end of tables.

SIC 229—MISCELLANEOUS TEXTILE GOODS (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	181.33	172.19	179.77	178.05	175.01	176.42	180.56	178.61	182.04	184.13	185.06	187.85	189.9
1978	194.42	185.54	185.49	188.24	189.98	192.82	194.42	192.02	197.89	199.96	199.18	200.54	202.1
1979	208.28	205.84	202.54	206.42	193.25	205.26	205.00	202.00	210.54	212.57	218.48	217.76	213.4
1980	228.66	223.33	219.76	223.15	216.40	211.74	216.48	214.56	230.52	240.02	243.69	246.87	249.6
1981	250.91	245.09	247.04	248.47	244.91	247.80	251.67	249.69	255.85	258.16	257.26	257.27	259.5
1982		217.75	250.83										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

1977	4.38	4.21	4.27	4.28	4.30	4.32	4.32	4.41	4.44	4.46	4.46	4.50	4.5
1978	4.73	4.53	4.58	4.58	4.60	4.68	4.64	4.74	4.79	4.83	4.87	4.87	4.9
1979	5.08	4.94	4.94	4.95	4.88	4.97	5.00	5.05	5.17	5.22	5.29	5.26	5.2
1980	5.55	5.33	5.36	5.39	5.33	5.32	5.39	5.46	5.65	5.79	5.83	5.85	5.9
1981	6.09	5.92	5.93	5.93	5.93	6.00	6.04	6.09	6.16	6.26	6.26	6.27	6.3
1982		6.33	6.35										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

1977	41.4	40.9	42.1	41.6	40.7	41.3	41.8	40.5	41.0	41.1	41.5	41.7	42.1
1978	41.1	40.6	40.5	41.2	41.3	41.3	41.9	40.3	41.4	41.4	40.9	41.1	42.1
1979	41.0	41.5	41.0	41.7	39.6	41.3	41.0	40.0	40.8	40.8	41.0	41.2	41.3
1980	41.2	41.9	41.0	41.4	42.6	39.8	40.2	39.3	40.4	40.6	41.2	41.4	42.1
1981	41.2	41.8	41.8	41.9	41.3	41.3	41.7	41.0	41.4	40.6	40.9	41.2	41.4
1982		34.4	35.5										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

1977	4.0	3.6	4.1	3.8	3.5	4.1	4.2	3.7	4.2	4.2	4.2	4.1	4.3
1978	3.9	3.9	4.0	3.7	3.7	3.9	3.9	3.4	4.0	4.0	4.2	4.2	4.7
1979	3.5	4.2	3.6	3.9	2.5	3.5	3.3	2.6	3.5	3.6	3.6	3.7	3.7
1980	3.2	3.5	3.3	3.4	2.9	2.4	2.4	2.1	2.6	2.5	3.0	3.1	3.2
1981	3.5	3.6	3.8	3.7	3.3	3.7	3.9	3.1	3.6	3.4	3.6	3.5	3.7
1982		2.0	2.7										

SIC 23—APPAREL AND OTHER TEXTILE PRODUCTS

ALL EMPLOYEES—IN THOUSANDS

1977	1,316.3	1,273.4	1,299.6	1,309.6	1,308.9	1,320.3	1,341.5	1,274.6	1,324.2	1,336.1	1,341.2	1,342.4	1,323.5
1978	1,332.3	1,302.0	1,321.2	1,335.9	1,339.9	1,344.0	1,358.7	1,281.3	1,337.3	1,347.7	1,348.1	1,348.5	1,329.5
1979	1,304.3	1,312.9	1,320.3	1,326.0	1,323.5	1,322.5	1,328.9	1,267.4	1,296.7	1,295.9	1,302.0	1,284.6	1,257.4
1980	1,263.5	1,260.4	1,282.2	1,292.3	1,280.4	1,274.1	1,283.4	1,209.2	1,262.3	1,266.6	1,262.1	1,254.6	1,203.3
1981	1,268.0	1,213.3	1,232.1	1,242.6	1,247.2	1,256.6	1,271.6	1,214.0	1,260.3	1,270.5	1,257.9	1,243.5	1,207.7
1982		1,175.8	1,194.4										

WOMEN EMPLOYEES—IN THOUSANDS

1977	1,065.0	1,026.8	1,053.1	1,063.0	1,062.3	1,070.3	1,085.3	1,026.5	1,069.4	1,080.5	1,084.6	1,085.4	1,067.3
1978	1,081.7	1,063.0	1,072.3	1,083.8	1,088.9	1,092.3	1,103.7	1,035.5	1,085.0	1,094.4	1,095.4	1,092.5	1,077.1
1979	1,057.3	1,065.7	1,071.6	1,076.2	1,073.5	1,073.2	1,075.9	1,023.3	1,050.2	1,049.8	1,055.7	1,041.2	1,021.1
1980	1,022.0	1,022.1	1,040.5	1,049.2	1,039.7	1,034.6	1,039.0	976.1	1,018.3	1,021.0	1,017.5	1,010.4	965.1
1981	1,004.4	980.9	995.2	1,004.4	1,008.2	1,014.7	1,026.9	980.3	1,015.7	1,024.6	1,015.3	1,004.4	970.1
1982		951.0	967.6										

PRODUCTION WORKERS—IN THOUSANDS

1977	1,179.4	1,091.3	1,116.1	1,127.0	1,124.5	1,134.6	1,153.7	1,089.0	1,136.9	1,147.7	1,149.2	1,150.3	1,131.7
1978	1,148.6	1,115.5	1,124.5	1,147.3	1,151.7	1,156.4	1,170.1	1,096.8	1,151.6	1,162.9	1,159.5	1,144.2	1,126.2
1979	1,116.9	1,124.3	1,130.4	1,133.6	1,133.6	1,135.4	1,140.7	1,081.1	1,109.6	1,110.5	1,115.9	1,103.3	1,082.4
1980	1,079.4	1,075.7	1,096.6	1,105.5	1,094.1	1,089.2	1,097.5	1,027.7	1,078.6	1,082.1	1,079.2	1,072.8	1,027.1
1981	1,059.2	1,035.6	1,051.9	1,060.4	1,062.6	1,071.3	1,085.4	1,034.6	1,073.0	1,082.0	1,071.1	1,057.2	1,024.1
1982		994.3	1,012.2										

SIC 23—APPAREL AND OTHER TEXTILE PRODUCTS (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Yr	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
77	124.51	119.94	118.94	122.09	124.60	126.78	131.04	127.80	129.60	131.01	132.64	133.93	135.74
78	130.23	127.88	124.37	128.63	129.99	128.26	141.15	140.37	141.44	143.24	142.36	145.08	145.71
79	140.12	133.66	141.18	147.67	141.70	147.07	149.88	150.17	149.66	150.73	153.01	153.79	157.24
80	151.45	146.29	147.12	156.55	157.88	157.09	160.91	158.85	162.13	164.38	166.85	167.09	171.96
81	171.17	172.42	171.56	176.18	173.89	178.56	180.41	177.12	180.05	177.41	180.79	180.43	178.92
82		180.40	180.58										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Yr	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
77	3.52	3.52	3.50	3.57	3.56	3.56	3.62	3.59	3.61	3.68	3.69	3.71	3.74
78	3.64	3.65	3.65	3.69	3.91	3.89	3.91	3.91	3.93	3.99	4.01	4.03	4.07
79	4.03	4.16	4.16	4.16	4.18	4.19	4.21	4.23	4.21	4.27	4.31	4.32	4.38
80	4.39	4.44	4.45	4.46	4.46	4.45	4.52	4.50	4.58	4.67	4.70	4.72	4.79
81	4.80	4.87	4.86	4.92	4.94	4.96	4.97	4.92	4.96	5.04	5.05	5.04	5.04
82		5.04	5.03										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Yr	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
77	35.5	35.8	35.4	35.6	35.3	35.6	36.2	35.6	35.9	35.6	36.0	36.1	36.1
78	35.6	35.5	35.4	35.4	35.8	35.8	36.1	35.9	36.0	35.9	35.5	36.0	35.8
79	35.3	34.7	34.5	35.4	33.9	35.1	35.6	35.5	35.6	35.3	35.5	35.6	35.9
80	35.4	35.5	35.4	35.4	35.3	35.3	35.6	35.3	35.4	35.2	35.5	35.4	35.9
81	35.7	35.7	35.5	35.8	35.2	36.0	36.3	36.0	36.3	35.2	35.8	35.8	35.5
82		35.8	35.7										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Yr	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
77	2.3	2.5	2.1	2.2	2.0	2.2	2.4	2.1	2.3	2.4	2.5	2.5	2.3
78	2.3	2.0	2.1	2.3	2.3	2.2	2.4	2.1	2.3	2.4	2.4	2.4	2.1
79	2.2	2.0	2.1	2.2	1.6	2.0	2.1	1.9	2.1	2.2	2.1	2.2	2.1
80	2.2	2.1	2.1	2.2	1.9	1.9	2.0	1.8	2.1	2.1	2.1	2.2	2.2
81	2.2	2.1	2.1	2.2	1.8	2.1	2.2	2.0	2.3	2.1	2.2	2.2	2.0
82		2.1	2.2										

SIC 231—MEN'S AND BOYS' SUITS AND COATS

ALL EMPLOYEES—IN THOUSANDS

Yr	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
77	91.1	90.8	91.2	91.4	90.2	92.6	97.1	91.4	91.6	92.3	91.5	92.5	93.1
78	89.2	89.1	87.5	91.6	91.6	89.7	90.2	88.9	87.7	87.0	86.3	87.0	87.0
79	84.1	83.4	84.1	84.2	84.2	84.2	85.3	80.6	78.1	77.3	77.7	77.6	77.6
80	77.1	77.1	77.1	77.9	78.1	79.6	79.2	77.8	77.1	76.7	76.9	76.6	76.4
81	76.5	76.2	76.1	76.5	74.5	75.9	77.4	74.8	77.5	77.9	77.7	78.6	78.4
82		77.1	77.3										

WOMEN EMPLOYEES—IN THOUSANDS

Yr	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
77	70.2	69.9	69.9	70.0	70.9	67.6	70.7	71.1	71.2	71.7	71.4	71.4	71.4
78	69.4	69.1	67.9	69.1	70.1	71.5	71.5	67.5	65.6	64.9	67.5	67.5	66.9
79	65.4	64.6	65.2	65.4	64.1	64.5	64.3	63.0	61.4	60.2	59.4	60.3	60.1
80	59.9	59.9	60.2	59.4	59.2	62.3	61.8	58.6	60.4	59.8	59.6	60.1	59.8
81	59.4	59.0	59.4	59.1	58.0	59.2	60.3	58.0	60.3	60.8	60.2	60.9	61.0
82		61.7	60.4										

PRODUCTION WORKERS—IN THOUSANDS

Yr	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
77	79.4	79.0	79.1	79.3	78.5	79.8	83.1	78.0	80.7	80.9	80.9	80.0	81.0
78	77.1	77.1	75.7	79.1	79.3	80.8	80.8	79.9	79.1	77.9	78.8	76.1	76.4
79	73.1	72.5	73.1	73.1	73.0	72.1	73.4	68.8	69.5	68.0	66.7	67.2	67.3
80	67.4	67.5	67.6	67.4	67.3	69.0	68.6	65.0	68.4	67.5	67.5	67.9	67.7
81	67.0	66.8	66.9	67.1	65.3	66.7	68.2	64.9	67.7	68.0	67.8	68.3	68.4
82		67.4	67.3										

SIC 231—MEN'S AND BOYS' SUITS AND COATS (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Yr	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	158.30	147.40	155.16	155.88	152.42	156.45	162.26	160.16	159.84	160.38	160.29	162.17	164.16
1978	171.96	150.22	168.61	172.80	172.68	173.15	171.00	177.55	171.70	171.23	175.29	179.82	163.65
1979	179.67	177.41	174.28	176.11	172.28	177.41	179.57	181.30	181.36	176.11	181.47	187.25	189.57
1980	192.24	189.28	187.80	184.73	189.39	192.72	191.05	195.30	189.16	189.72	194.39	199.29	205.70
1981	207.27	203.40	199.00	205.82	199.80	205.62	208.66	206.79	206.96	208.15	212.58	214.33	212.94
1982		186.34	218.80										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Yr	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.41	4.31	4.31	4.33	4.33	4.31	4.47	4.40	4.44	4.48	4.49	4.53	4.51
1978	4.79	4.58	4.79	4.80	4.81	4.77	4.75	4.76	4.73	4.73	4.91	4.94	4.95
1979	5.11	5.04	5.04	5.06	5.07	5.04	5.03	5.05	5.08	5.09	5.26	5.26	5.31
1980	5.34	5.38	5.32	5.37	5.35	5.28	5.22	5.25	5.24	5.27	5.43	5.46	5.50
1981	5.71	5.65	5.59	5.67	5.66	5.68	5.67	5.65	5.67	5.75	5.84	5.84	5.85
1982		6.05	5.95										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Yr	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	35.9	34.2	36.0	36.0	35.2	36.3	36.3	36.4	36.0	35.8	35.7	35.8	36.4
1978	35.9	32.6	35.2	36.0	35.9	36.3	36.0	37.3	36.3	36.2	35.7	36.4	37.1
1979	35.2	35.2	34.6	35.2	34.0	35.2	35.7	35.9	35.7	34.6	34.5	35.6	35.7
1980	36.0	35.2	35.3	34.4	35.4	36.5	36.6	37.2	36.1	36.0	35.8	36.5	37.4
1981	36.3	36.0	35.6	36.3	35.3	36.2	36.8	36.6	36.5	35.2	36.4	36.7	36.4
1982		30.8	36.1										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Yr	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	8	8	9	1.1	8	9	9	9	6	6	9	8	8	9
1978	8	7	8	8	8	8	9	7	9	10	10	9	9
1979	6	8	8	7	3	6	5	4	6	6	5	6	6
1980	8	6	7	7	6	9	8	8	7	9	8	10	8
1981	7	7	6	7	3	7	9	8	8	8	8	9	9
1982		6	9										

SIC 232—MEN'S AND BOYS' FURNISHINGS

ALL EMPLOYEES—IN THOUSANDS

Yr	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	374.1	364.5	368.1	369.6	371.3	375.6	381.6	360.9	381.4	381.7	380.7	379.6	376.0
1978	369.3	369.6	374.9	373.3	375.3	375.9	378.5	351.6	369.1	369.5	365.9	366.5	361.7
1979	362.9	357.7	362.7	363.8	363.6	366.7	368.4	353.9	365.9	362.7	364.1	363.3	361.5
1980	361.8	360.6	364.5	366.7	367.9	368.6	370.8	348.5	367.1	361.5	357.5	356.3	351.2
1981	349.1	343.9	343.4	343.7	349.1	351.8	356.7	346.6	354.8	354.6	351.3	349.4	343.9
1982		330.5	334.5										

WOMEN EMPLOYEES—IN THOUSANDS

Yr	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	304.1	305.6	309.5	310.7	311.4	315.1	319.8	301.2	319.2	320.3	319.7	319.1	316.3
1978	311.6	310.5	315.9	314.5	316.4	316.9	319.9	296.2	311.6	312.1	309.4	310.3	305.4
1979	305.9	301.6	305.8	306.5	306.1	309.4	310.3	298.2	308.2	306.2	307.3	306.2	304.7
1980	304.5	303.8	307.7	309.1	309.1	310.9	312.2	292.4	306.9	304.0	300.5	299.3	295.5
1981	293.9	289.0	288.5	289.5	294.6	296.8	300.7	290.6	298.4	297.9	295.6	294.9	290.3
1982		278.3	282.4										

PRODUCTION WORKERS—IN THOUSANDS

Yr	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	320.0	313.3	317.9	319.7	320.8	324.5	329.8	309.2	329.5	329.7	328.7	328.1	324.4
1978	319.5	319.4	324.7	322.9	324.7	325.7	328.7	304.0	320.4	320.0	316.2	316.2	311.2
1979	312.3	307.6	312.3	313.3	313.3	316.1	317.7	304.3	315.0	312.5	312.7	312.2	310.0
1980	309.6	308.7	312.8	314.3	315.2	315.5	317.6	296.6	314.0	309.3	305.7	304.6	300.4
1981	297.9	293.9	292.9	293.1	298.0	300.3	305.0	295.5	303.3	302.5	299.8	297.9	292.6
1982		282.5	284.6										

SIC 232—MEN'S AND BOYS' FURNISHINGS (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	117.39	108.19	114.63	114.67	113.34	116.20	118.17	117.25	118.30	119.16	120.85	122.28	122.72
1978	127.81	116.09	126.74	127.81	127.81	127.45	129.23	126.73	129.22	129.60	128.88	131.77	132.12
1979	140.40	132.86	135.97	137.83	132.44	137.09	140.89	139.29	140.87	143.02	144.57	148.00	150.63
1980	153.55	152.21	152.15	151.32	151.32	152.52	154.14	152.57	152.88	154.94	155.23	156.24	160.52
1981	165.89	161.53	160.82	164.06	162.69	166.99	167.61	166.05	168.52	164.88	168.17	168.80	167.29
1982		134.68	169.46										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

1977	3.27	3.22	3.22	3.23	3.22	3.21	3.22	3.23	3.25	3.31	3.32	3.35	3.39
1978	3.56	3.55	3.57	3.57	3.57	3.56	3.56	3.54	3.55	3.60	3.60	3.65	3.67
1979	3.90	3.84	3.83	3.85	3.85	3.84	3.86	3.88	3.87	3.94	3.95	4.00	4.06
1980	4.23	4.17	4.18	4.18	4.18	4.19	4.20	4.18	4.20	4.28	4.30	4.34	4.41
1981	4.57	4.55	4.53	4.57	4.57	4.55	4.53	4.50	4.53	4.58	4.62	4.65	4.66
1982		4.81	4.76										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

1977	35.9	33.6	35.6	35.5	35.2	36.2	36.7	36.3	36.4	36.0	36.4	36.5	36.2
1978	35.7	32.7	35.5	35.8	35.8	35.8	36.3	35.8	36.4	35.0	35.8	36.1	36.0
1979	36.0	34.6	35.5	35.8	34.4	35.7	36.5	35.9	36.4	36.3	36.6	37.0	37.1
1980	36.3	36.5	36.4	36.2	36.2	36.4	36.7	36.5	36.4	36.2	36.1	36.0	36.4
1981	36.3	35.5	35.5	35.9	35.6	36.7	37.0	36.9	37.2	36.0	36.4	36.3	35.9
1982		28.0	35.6										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

1977	1.1	.9	1.1	1.1	.9	1.1	1.2	.8	1.2	1.2	1.2	1.2	1.0
1978	.9	.7	1.0	1.0	.9	.9	1.0	.7	1.0	1.0	1.0	1.0	.9
1979	1.0	.7	.6	.8	.5	.8	1.1	.8	1.1	1.2	1.2	1.3	1.4
1980	1.1	1.2	1.1	1.2	1.0	1.0	1.2	.8	1.0	1.1	1.0	1.0	1.0
1981	.9	.9	.8	.8	.6	.9	1.0	.9	1.1	.8	.9	1.0	.9
1982		.6	.9										

SIC 2321—MEN'S AND BOYS' SHIRTS AND NIGHTWEAR

ALL EMPLOYEES—IN THOUSANDS

1977	107.3	107.0	106.2	106.5	106.6	108.7	110.8	103.3	109.3	108.6	108.1	106.8	105.5
1978	106.1	104.1	104.9	105.6	106.2	107.6	108.9	102.9	107.8	107.1	107.2	105.9	104.5
1979	102.8	103.2	103.8	102.7	103.0	103.7	105.0	98.7	103.6	103.6	103.1	102.1	100.7
1980	99.2	99.3	99.5	99.8	100.1	100.9	101.8	95.3	100.6	99.5	98.6	97.6	96.8
1981	97.4	95.1	94.7	95.6	97.1	97.4	99.0	97.5	99.1	99.7	99.4	97.8	96.2
1982		92.8	93.6										

WOMEN EMPLOYEES—IN THOUSANDS

1977	93.9	93.6	92.9	93.1	93.2	95.3	97.2	90.2	95.9	95.2	94.7	93.4	92.2
1978	92.8	90.7	91.6	92.3	92.9	94.0	95.4	90.0	94.3	94.0	94.0	92.8	91.6
1979	90.1	90.4	90.8	90.0	90.5	91.1	92.5	86.5	91.0	90.9	90.4	89.2	87.8
1980	86.5	86.5	86.9	87.1	87.5	88.5	89.2	83.1	87.9	86.8	85.9	84.9	84.1
1981	85.5	81.4	82.1	83.2	84.5	84.7	86.1	84.0	85.7	86.3	86.3	85.0	83.4
1982		80.4	81.3										

PRODUCTION WORKERS—IN THOUSANDS

1977	93.1	93.0	92.2	92.5	92.6	94.2	96.2	89.0	95.1	94.3	93.9	92.7	91.5
1978	92.3	90.5	91.1	91.8	92.3	93.9	95.2	89.7	94.1	93.3	93.2	92.0	90.6
1979	89.7	89.7	90.2	89.4	90.0	90.5	92.1	86.3	90.6	90.6	89.9	89.0	87.5
1980	85.8	86.3	86.4	86.6	87.0	87.5	88.5	82.3	87.0	85.9	85.1	84.0	83.2
1981	83.7	81.1	81.1	81.8	83.2	83.8	85.4	84.0	85.5	85.9	85.7	84.0	82.6
1982		79.7	80.5										

See footnotes at end of tables.

SIC 2321—MEN'S AND BOYS' SHIRTS AND NIGHTWEAR (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	112.46	105.82	111.43	108.61	107.33	110.26	113.15	113.31	112.68	113.60	115.84	118.13	119.58
1978	125.96	114.87	124.18	125.24	124.87	124.12	127.57	125.20	129.03	129.15	127.76	131.38	129.98
1979	136.84	132.40	133.89	135.00	127.28	133.57	136.90	136.52	137.64	140.16	139.78	143.52	144.54
1980	149.14	146.11	147.70	144.59	145.71	147.38	149.41	148.15	149.74	152.04	152.46	151.93	156.45
1981	160.92	156.29	157.44	158.42	157.09	161.33	161.85	158.40	164.72	158.55	163.99	166.35	165.62
1982		133.86	168.80										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

1977	3.15	3.14	3.13	3.13	3.12	3.08	3.10	3.13	3.13	3.20	3.20	3.21	3.23
1978	3.47	3.46	3.44	3.45	3.44	3.41	3.42	3.43	3.45	3.50	3.52	3.57	3.57
1979	3.78	3.74	3.74	3.75	3.70	3.70	3.71	3.73	3.73	3.84	3.84	3.90	3.96
1980	4.12	4.07	4.08	4.05	4.07	4.06	4.06	4.07	4.08	4.20	4.20	4.22	4.31
1981	4.47	4.44	4.41	4.45	4.45	4.42	4.41	4.40	4.44	4.53	4.53	4.57	4.55
1982		4.73	4.65										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

1977	35.7	33.7	35.6	34.7	34.4	35.8	36.5	36.2	36.0	35.5	36.2	36.8	36.5
1978	36.3	33.2	36.1	36.3	36.3	36.4	37.3	36.5	37.4	36.9	36.4	36.8	36.4
1979	36.2	35.4	35.8	36.0	34.4	36.1	36.9	36.6	36.9	36.5	36.4	36.8	36.5
1980	36.2	35.9	36.2	35.7	35.8	36.3	36.8	36.4	36.7	36.2	36.3	36.0	36.3
1981	36.0	35.2	35.7	35.6	35.3	36.5	36.7	36.0	37.1	35.0	36.2	36.4	36.4
1982		28.3	36.3										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

1977	1.0	.8	1.1	1.0	.8	.8	1.0	.6	1.1	1.0	1.1	1.2	1.0
1978	1.0	.7	1.0	1.1	.9	.8	1.1	.7	1.2	1.0	1.2	1.1	1.0
1979	1.0	.8	1.0	1.0	.6	.9	1.2	.8	1.1	1.2	1.2	1.4	1.5
1980	1.1	1.0	1.2	1.2	1.0	.9	1.3	.9	1.2	1.1	1.2	1.1	1.0
1981	.9	.9	.9	.9	.7	1.0	1.0	.8	1.0	.7	.9	1.0	.9
1982		.7	1.1										

SIC 2327—MEN'S AND BOYS' SEPARATE TROUSERS

ALL EMPLOYEES—IN THOUSANDS

1977	87.1	86.2	87.1	88.4	87.6	88.3	89.5	85.0	88.1	87.2	85.9	86.0	85.1
1978	81.7	83.3	84.6	83.4	83.9	83.6	83.8	78.6	80.5	80.2	79.7	79.5	79.7
1979	77.9	77.6	78.7	79.3	78.5	78.4	79.2	76.1	77.9	76.7	77.4	77.3	77.1
1980	75.8	76.8	77.5	76.9	77.0	77.0	77.2	72.3	75.5	74.9	75.0	75.0	75.3
1981	71.5	72.2	72.0	71.0	71.5	72.0	72.5	70.4	72.3	70.8	71.2	72.4	70.2
1982		68.9	70.5										

WOMEN EMPLOYEES—IN THOUSANDS

1977	70.9	70.7	71.3	72.1	71.2	71.4	72.5	68.7	71.4	71.1	69.9	70.2	70.2
1978	67.1	68.2	69.5	68.3	68.8	68.5	68.8	64.5	66.2	66.0	65.6	65.5	65.2
1979	64.4	64.1	64.9	65.3	64.9	64.9	65.3	63.0	64.3	63.8	64.3	64.2	64.2
1980	63.1	63.8	64.5	64.1	64.2	64.1	64.1	59.7	62.8	62.4	62.6	62.6	62.6
1981	60.2	60.3	60.4	59.6	60.3	60.6	61.0	59.2	60.9	59.4	59.7	60.8	59.5
1982		58.2	59.5										

PRODUCTION WORKERS—IN THOUSANDS

1977	76.8	76.2	77.2	78.4	77.6	78.0	78.9	74.6	77.8	76.9	75.4	75.6	75.1
1978	71.5	72.8	74.4	72.6	73.2	72.9	73.6	68.6	70.8	70.5	69.9	69.4	69.1
1979	67.7	67.5	68.5	69.0	68.2	68.4	68.9	65.9	67.7	66.9	67.4	67.0	66.8
1980	66.1	66.5	67.4	67.2	67.4	67.2	67.5	62.8	66.0	65.5	65.5	65.5	65.3
1981	62.4	63.1	63.1	62.0	62.5	62.6	63.4	61.2	63.2	61.8	62.1	63.0	61.7
1982		60.1	61.8										

SIC 2327—MEN'S AND BOYS' SEPARATE TROUSERS (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	117.56	109.76	110.47	113.17	112.05	116.11	118.08	117.39	117.84	120.05	121.79	122.53	122.45
1978	126.03	117.13	119.48	118.08	120.55	125.66	131.03	128.79	129.58	131.47	131.65	130.38	134.55
1979	136.49	130.47	128.12	137.44	134.75	137.16	141.58	137.81	140.44	139.78	145.08	145.20	150.12
1980	152.58	152.80	152.85	150.50	150.58	151.51	153.65	150.03	148.01	152.75	157.35	158.51	161.73
1981	164.19	164.13	164.03	167.44	162.29	170.35	169.36	169.34	168.18	170.09	171.34	175.01	171.23
1982			172.09	175.06									

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.28	3.20	3.20	3.20	3.26	3.27	3.29	3.28	3.27	3.31	3.43	3.45	3.47	3.51
1978	3.53	3.53	3.48	3.51	3.47	3.47	3.55	3.56	3.59	3.65	3.71	3.74	3.76	3.79
1979	3.86	3.86	3.90	3.89	3.93	3.92	3.92	3.93	3.96	3.97	4.04	4.11	4.09	4.17
1980	4.33	4.34	4.34	4.34	4.30	4.29	4.29	4.28	4.29	4.29	4.35	4.42	4.44	4.46
1981	4.71	4.70	4.69	4.68	4.73	4.65	4.68	4.64	4.54	4.57	4.66	4.72	4.73	4.73
1982			4.91	4.93										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	35.1	33.9	34.5	34.5	34.3	35.4	35.6	35.9	35.6	35.0	35.3	35.6	35.0
1978	35.7	33.5	34.3	33.6	34.8	36.1	36.8	34.7	35.5	35.8	35.3	35.1	35.7
1979	35.4	33.6	32.9	35.3	34.3	35.0	36.1	35.0	35.5	35.2	35.9	35.3	36.0
1980	35.2	35.2	35.2	34.7	35.0	35.4	35.8	35.0	34.5	35.5	36.2	35.8	36.1
1981	34.8	34.9	34.9	35.8	34.3	36.4	36.1	37.3	36.8	36.1	36.8	37.1	36.2
1982			35.1	36.1									

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	1.1	1.1	1.1	1.1	1.0	1.3	1.3	1.2	1.2	1.1	1.2	1.2	1.0
1978	1.4	1.1	1.1	1.1	1.1	1.4	1.6	1.1	1.2	1.2	1.1	1.0	1.2
1979	1.1	1.1	1.1	1.1	1.1	1.2	1.4	1.1	1.2	1.1	1.2	1.1	1.2
1980	1.1	1.1	1.1	1.1	1.1	1.2	1.3	1.1	1.1	1.2	1.3	1.2	1.3
1981	1.1	1.1	1.1	1.1	1.1	1.3	1.3	1.3	1.2	1.1	1.2	1.2	1.1
1982			1.1	1.2									

SIC 2328—MEN'S AND BOYS' WORK CLOTHING

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	96.2	94.1	94.6	95.6	94.6	95.3	96.0	98.3	93.5	100.8	100.2	100.4	100.7	100.8
1978	99.1	97.1	97.3	97.5	97.3	100.0	99.0	99.1	97.3	95.0	96.8	94.9	96.1	97.1
1979	100.4	98.1	98.0	99.1	99.3	100.6	99.3	101.5	99.3	100.5	100.3	100.3	100.1	100.1
1980	100.8	100.4	100.3	100.7	99.3	100.4	100.0	100.1	100.8	100.0	100.0	100.0	100.0	100.0
1981	100.0	99.9	99.7	100.2	100.0	100.7	99.3	100.4	100.2	100.0	100.0	100.0	100.0	100.0
1982			99.1	97.1										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	74.1	72.5	73.0	73.4	72.6	74.0	74.1	76.5	72.4	78.6	77.9	78.1	78.2	78.4
1978	77.0	75.5	75.6	75.7	75.6	77.7	77.0	77.0	75.6	73.9	75.2	73.8	74.7	75.5
1979	78.0	76.3	76.2	77.0	77.2	78.2	77.2	78.9	77.2	78.1	78.0	78.0	77.8	77.8
1980	78.3	78.0	78.0	78.3	77.2	78.0	77.7	77.8	78.3	77.7	77.6	77.5	77.5	77.7
1981	77.7	77.6	77.5	77.9	77.7	78.3	77.2	78.0	77.9	77.7	77.7	77.7	77.7	77.7
1982			77.0	75.4										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	82.5	80.5	81.0	82.0	81.0	82.0	82.6	77.2	84.6	86.2	86.1	87.1	87.3	87.6
1978	85.6	84.1	84.2	84.3	84.0	85.3	84.7	84.5	83.1	82.3	83.4	80.4	83.2	83.7
1979	84.3	83.1	83.0	83.7	83.9	85.4	84.7	86.2	85.8	86.3	83.9	86.0	86.5	86.5
1980	86.4	87.0	87.1	87.1	86.2	86.4	86.9	86.8	87.7	86.4	86.8	86.9	85.4	86.0
1981	84.7	84.7	84.6	85.1	83.5	84.2	83.7	84.9	85.3	85.1	82.9	83.0	83.1	82.9
1982			79.5	82.3										

SIC 2328—MEN'S AND BOYS' WORK CLOTHING (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	117.76	106.05	116.97	117.02	115.80	116.97	119.25	116.34	119.31	119.14	119.73	121.32	121.51
1978	125.67	113.10	125.30	124.96	124.96	129.67	129.31	124.60	127.79	127.28	126.73	131.02	132.64
1979	142.49	135.24	137.97	139.48	135.58	140.60	143.25	141.73	141.73	144.01	146.38	150.54	152.68
1980	153.64	154.28	152.09	152.93	152.97	154.79	151.31	152.56	152.48	153.87	152.15	154.34	154.30
1981	164.94	160.65	157.00	161.45	162.71	167.45	167.96	168.02	169.67	162.87	165.13	166.35	165.60
1982		126.59	164.85										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.20	3.17	3.17	3.18	3.19	3.17	3.18	3.17	3.19	3.22	3.21	3.27	3.32
1978	3.53	3.48	3.50	3.51	3.53	3.53	3.50	3.50	3.50	3.53	3.53	3.57	3.60
1979	3.82	3.80	3.78	3.78	3.83	3.80	3.80	3.82	3.81	3.83	3.82	3.88	3.93
1980	4.11	4.04	4.05	4.11	4.09	4.09	4.11	4.09	4.12	4.17	4.16	4.24	4.25
1981	4.41	4.45	4.41	4.46	4.47	4.43	4.42	4.41	4.43	4.45	4.51	4.57	4.50
1982		4.49	4.47										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	36.8	34.8	36.5	36.8	36.3	36.9	37.5	36.7	37.4	37.0	37.3	37.1	36.6
1978	36.1	32.5	35.4	35.6	35.4	37.0	37.0	35.4	36.2	37.0	37.4	36.8	36.4
1979	36.9	35.6	36.5	36.9	35.4	37.0	37.7	37.1	37.0	37.4	36.4	36.4	36.3
1980	37.5	35.8	37.4	37.4	36.0	36.1	36.4	36.2	36.4	36.6	37.5	36.4	36.2
1981	35.3	36.2	36.4	37.4	36.0	36.1	36.3	36.6	36.4	36.4	36.4	36.4	36.2
1982		32.4	33.6										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	1.2	1.0	1.2	1.2	1.0	1.4	1.4	1.2	1.3	1.3	1.3	1.1	1.0
1978	1.4	1.0	1.4	1.4	1.1	1.7	1.6	1.1	1.4	1.5	1.4	1.1	1.1
1979	1.3	1.1	1.3	1.3	1.1	1.5	1.6	1.2	1.3	1.4	1.3	1.1	1.1
1980	1.3	1.1	1.3	1.3	1.1	1.4	1.5	1.1	1.3	1.4	1.4	1.1	1.1
1981	1.1	1.1	1.1	1.1	1.1	1.3	1.3	1.1	1.2	1.2	1.2	1.1	1.1
1982		1.1	1.1										

SIC 233—WOMEN'S AND MISSES' OUTERWEAR

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	426.7	410.1	427.6	433.2	429.4	428.5	434.5	416.4	429.7	429.4	430.4	432.5	430.2
1978	436.6	415.7	427.3	436.3	435.0	439.0	445.6	423.0	442.7	447.9	452.3	445.5	441.0
1979	434.6	445.1	446.7	450.7	449.6	442.2	443.6	414.1	429.8	429.4	433.1	423.7	424.4
1980	415.7	411.7	424.1	433.0	425.9	421.0	425.6	400.0	414.9	417.7	414.9	405.4	401.5
1981	408.0	399.4	410.4	418.3	414.1	415.1	419.3	399.4	414.0	424.1	409.5	411.6	384.7
1982		360.3	390.3										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	365.1	350.5	366.6	372.6	368.2	367.9	372.0	354.7	365.8	367.3	367.3	369.1	366.0
1978	376.0	355.1	366.0	376.8	377.6	377.2	382.9	361.8	379.2	384.4	387.9	385.9	374.9
1979	371.4	381.5	381.8	385.8	385.5	379.0	379.5	355.5	364.8	364.9	368.1	361.3	346.2
1980	354.1	351.9	362.6	370.3	365.9	359.5	362.7	339.1	351.9	353.9	351.6	346.4	341.1
1981	346.0	339.5	350.1	355.1	353.2	352.3	355.4	334.2	350.1	354.7	347.9	348.4	326.8
1982		303.9	334.3										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	369.1	355.5	370.6	376.7	371.5	371.6	377.2	360.0	371.6	371.6	369.9	372.2	360.5
1978	379.5	357.1	368.1	379.4	379.1	378.9	385.3	364.1	383.3	388.1	391.2	388.6	380.3
1979	374.8	384.0	383.7	387.4	386.2	380.0	384.4	356.3	370.0	370.1	373.1	365.6	350.6
1980	359.6	355.1	366.5	375.3	369.4	364.1	368.1	344.6	357.7	359.9	357.3	352.4	348.9
1981	350.2	341.6	353.5	358.3	355.3	356.0	359.3	338.3	356.1	358.8	352.1	345.4	328.2
1982		324.4	336.5										

See footnotes at end of table.

SIC 233—WOMEN'S AND MISSES' OUTERWEAR (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

PRODUCTION WORKER AVERAGE WEEKLY HOURS

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

SIC 2331—WOMEN'S AND MISSES' BLOUSES AND WAISTS

ALL EMPLOYEES—IN THOUSANDS

WOMEN EMPLOYEES—IN THOUSANDS

PRODUCTION WORKERS—IN THOUSANDS

See footnotes at end of tables

SIC 2331—WOMEN'S AND MISSES' BLOUSES AND WAISTS (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

PRODUCTION WORKER AVERAGE WEEKLY HOURS

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

SIC 2335—WOMEN'S AND MISSES' DRESSES

ALL EMPLOYEES—IN THOUSANDS

WOMEN EMPLOYEES—IN THOUSANDS

PRODUCTION WORKERS—IN THOUSANDS

SIC 2335—WOMEN'S AND MISSES' DRESSES (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	122.34	115.50	121.88	124.07	120.01	118.99	123.88	123.38	126.21	123.44	124.03	124.69	124.64
1978	131.53	120.02	124.60	132.50	134.19	129.03	132.73	135.34	134.94	135.79	132.43	135.05	131.24
1979	137.58	132.61	134.62	138.35	131.64	134.09	137.06	137.90	139.64	141.07	141.32	137.54	141.57
1980	148.77	143.29	148.39	150.68	147.02	141.67	149.46	145.70	151.37	151.10	152.88	148.59	151.66
1981	164.56	157.19	158.68	165.00	163.48	164.15	167.64	165.14	169.44	163.39	169.11	166.02	165.19
1982		166.64	174.03										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.72	3.69	3.66	3.66	3.67	3.65	3.72	3.75	3.79	3.81	3.84	3.79	3.80
1978	4.01	3.90	3.90	3.90	3.97	3.91	4.01	4.04	4.04	4.09	4.10	4.13	4.14
1979	4.34	4.23	4.22	4.27	4.27	4.23	4.31	4.35	4.35	4.45	4.43	4.48	4.48
1980	4.71	4.63	4.58	4.60	4.58	4.57	4.70	4.70	4.76	4.89	4.90	4.84	4.94
1981	5.09	4.99	4.99	5.00	5.03	5.02	5.08	5.05	5.15	5.22	5.14	5.14	5.13
1982		5.20	5.30										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	32.9	31.8	33.3	33.9	32.7	32.6	33.3	32.9	33.3	32.4	32.3	32.9	32.8
1978	32.8	30.8	32.0	33.4	33.8	33.0	33.1	33.5	33.4	33.2	32.3	32.7	31.7
1979	31.7	31.4	31.9	32.4	30.9	31.7	31.8	31.7	32.1	31.7	31.9	30.7	31.6
1980	31.6	30.7	32.4	32.6	32.1	31.0	31.8	31.0	31.8	30.9	31.2	30.7	30.7
1981	32.4	31.5	31.8	33.0	32.5	32.7	33.0	32.7	32.9	31.3	32.9	32.3	32.2
1982		30.7	33.5										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	1.1	0.8	1.0	0.3	.9	1.0	1.1	1.0	1.2	1.0	1.1	1.2	1.2
1978	1.0	1.1	1.3	1.4	1.4	1.2	1.3	1.4	1.2	1.3	1.2	1.2	.9
1979	.9	.8	.9	1.1	.6	.7	.7	.7	.9	.9	.9	.8	.8
1980	.7	.5	.6	.9	.5	.7	.8	.6	.8	.7	.8	.7	.7
1981	.9	.7	.8	1.0	.8	.8	.9	.9	1.0	.8	1.0	.9	.8
1982		.9	.9										

SIC 2337—WOMEN'S AND MISSES' SUITS AND COATS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	66.1	65.7	67.2	65.9	62.2	66.2	70.3	67.0	69.7	69.7	68.4	66.9	61.5
1978	64.1	59.8	62.9	64.4	63.6	65.3	68.0	63.6	68.1	68.3	67.1	64.1	61.5
1979	64.9	62.1	63.7	64.8	65.2	66.2	69.1	64.3	67.6	66.7	66.7	61.8	59.1
1980	65.6	57.7	64.7	61.8	63.5	67.8	70.9	67.1	71.2	71.1	68.4	64.3	64.1
1981	61.4	56.6	59.0	59.5	57.5	62.9	65.3	62.9	67.0	67.0	62.8	59.2	54.8
1982		53.0	55.3										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	54.2	53.5	54.9	53.7	50.4	53.9	57.1	53.9	56.1	56.6	55.4	54.3	50.2
1978	53.5	49.1	52.0	53.6	53.0	54.1	56.5	52.1	56.1	56.4	55.0	52.9	51.0
1979	53.1	51.4	52.3	53.8	54.5	55.1	57.2	52.7	55.3	54.8	54.8	50.4	48.1
1980	53.1	46.9	49.6	50.4	51.9	55.4	57.7	54.8	57.7	57.2	55.0	51.3	52.3
1981	49.8	47.5	48.2	48.8	46.9	51.1	52.8	50.5	54.0	54.3	50.7	48.2	44.5
1982		43.7	45.5										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	56.1	55.7	57.9	56.0	52.1	56.0	59.7	56.9	59.3	59.4	58.2	57.0	51.8
1978	53.8	50.4	53.5	55.0	54.5	55.9	58.6	54.2	58.6	58.9	57.8	55.0	53.5
1979	55.4	53.2	54.2	55.6	55.9	57.0	59.5	55.4	58.6	57.8	58.0	53.4	50.4
1980	57.0	49.4	52.6	53.5	54.8	59.2	62.4	59.4	62.6	62.0	59.6	55.6	54.9
1981	52.4	49.4	50.6	50.9	48.9	53.7	55.9	53.6	57.5	57.6	53.7	50.3	46.3
1982		44.9	46.9										

See footnotes at end of tables.

SIC 2337—WOMEN'S AND MISSES' SUITS AND COATS (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	132.47	125.58	131.48	130.32	125.24	128.76	137.89	132.26	137.50	134.72	136.37	136.29	133.17
1978	141.12	130.29	131.05	138.24	138.24	140.35	147.40	148.25	146.72	148.86	140.58	140.81	141.04
1979	150.06	142.66	140.92	144.52	135.29	147.40	154.93	154.13	158.81	156.91	152.99	155.47	154.34
1980	170.86	155.57	156.88	162.96	163.15	165.92	172.72	176.62	179.75	176.64	177.45	176.80	176.96
1981	183.67	175.02	178.54	179.92	177.21	189.66	191.05	189.89	190.71	184.90	181.91	183.26	177.23
1982		160.68	180.40										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.99	3.90	3.89	3.89	3.83	3.89	4.02	4.02	4.08	4.07	4.12	4.13	4.06
1978	4.20	4.11	4.07	4.09	4.09	4.14	4.26	4.26	4.29	4.34	4.26	4.28	4.21
1979	4.52	4.31	4.39	4.34	4.35	4.40	4.53	4.52	4.59	4.67	4.65	4.74	4.72
1980	5.04	4.70	4.80	4.85	4.87	4.88	5.08	5.09	5.21	5.18	5.26	5.20	5.22
1981	5.44	5.04	5.19	5.20	5.37	5.45	5.49	5.52	5.56	5.62	5.58	5.52	5.47
1982		5.56	5.50										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	33.2	32.2	33.8	33.5	32.7	33.1	34.3	32.9	33.7	33.1	33.1	33.0	32.8
1978	33.6	31.7	32.2	33.8	33.6	33.9	34.6	34.6	34.2	34.1	33.0	32.9	33.5
1979	33.2	33.1	32.1	33.3	31.1	33.5	34.2	34.1	34.6	33.6	32.9	32.6	32.7
1980	33.9	33.1	33.1	33.6	33.5	34.0	34.0	34.7	34.5	34.1	33.6	34.0	33.9
1981	33.8	33.4	34.4	34.6	33.0	34.8	34.8	34.4	34.3	32.9	32.6	33.2	32.4
1982		28.9	32.8										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	1.2	1.1	1.1	1.2	.8	1.0	1.3	1.1	1.4	1.4	1.4	1.2	1.3
1978	1.2	1.1	1.3	1.4	1.3	1.3	1.4	1.4	1.3	1.4	.9	.7	.6
1979	.8	.7	.6	.6	.4	.8	1.1	.8	1.2	1.0	.9	.7	.7
1980	.9	.7	.7	.8	.7	.7	.9	.9	1.0	1.0	.9	.9	1.1
1981	.8	.8	.8	.9	.5	.7	.9	.9	1.0	.9	.8	1.0	.9
1982		.4	.9										

SIC 2339—WOMEN'S AND MISSES' OUTERWEAR, NEC

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	140.0	135.4	139.7	140.8	140.2	140.2	139.7	134.8	137.7	139.3	142.4	144.8	144.7
1978	148.3	143.3	146.5	147.6	147.5	148.2	148.8	142.5	147.2	148.1	151.9	154.1	154.3
1979	149.4	145.0	155.9	156.1	153.6	153.3	149.9	140.5	143.1	144.7	147.9	148.6	144.7
1980	144.4	144.6	148.4	150.3	149.5	147.5	146.2	137.5	139.7	142.2	144.5	142.8	139.9
1981	147.1	143.8	148.7	149.5	151.8	150.3	149.7	142.3	145.5	146.5	147.7	147.1	141.7
1982		140.0	143.6										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	118.8	115.3	119.2	120.2	119.6	119.6	118.6	114.7	116.8	118.1	119.5	121.8	121.9
1978	125.6	120.7	123.9	124.6	125.0	126.1	126.2	120.2	124.5	125.5	126.7	130.8	130.7
1979	125.3	121.6	130.4	132.5	128.6	127.6	125.1	116.5	118.6	120.8	123.5	124.7	121.1
1980	120.1	121.2	124.1	126.1	125.5	123.4	121.7	113.6	114.9	117.4	119.6	118.0	115.9
1981	122.5	119.6	124.1	124.6	126.7	125.5	124.9	117.9	120.7	121.7	122.6	122.7	118.4
1982		116.6	119.8										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	116.6	115.3	119.0	120.7	119.6	119.5	118.9	114.4	117.2	118.4	118.5	121.2	121.0
1978	124.6	120.0	122.9	123.9	124.3	125.1	125.3	119.8	123.7	124.6	127.3	129.5	129.3
1979	124.6	130.1	130.3	130.1	128.8	127.6	125.2	115.7	118.3	120.7	123.7	124.2	120.6
1980	120.4	120.9	124.5	126.2	125.8	123.5	121.9	113.9	115.7	118.0	120.0	118.7	116.1
1981	122.6	118.4	123.5	124.2	126.2	124.9	124.6	118.8	121.9	123.2	124.0	123.6	118.3
1982		117.1	120.9										

SIC 2339—WOMEN'S AND MISSES' OUTERWEAR, NEC (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	121.80	115.26	119.02	122.14	117.64	117.99	122.84	120.75	124.24	124.60	127.45	126.73	126.02
1978	133.41	123.05	130.88	134.95	134.95	132.73	133.46	132.35	134.19	133.70	135.14	137.42	137.00
1979	141.66	138.90	141.45	143.82	136.12	138.38	140.76	141.23	141.66	143.10	144.06	144.06	144.54
1980	153.97	149.21	152.86	153.65	154.00	150.23	154.16	152.49	151.85	153.79	155.71	155.71	152.79
1981	166.47	164.50	165.67	168.15	165.12	166.25	167.32	165.55	167.20	167.92	169.53	167.95	168.22
1982		152.34	159.64										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.49	3.41	3.43	3.46	3.46	3.43	3.48	3.45	3.49	3.56	3.57	3.56	3.58
1978	3.79	3.74	3.75	3.79	3.76	3.76	3.76	3.76	3.79	3.80	3.85	3.89	3.87
1979	4.10	3.98	4.03	4.04	4.10	4.07	4.08	4.07	4.10	4.15	4.20	4.20	4.22
1980	4.45	4.35	4.38	4.39	4.40	4.38	4.43	4.42	4.44	4.44	4.54	4.54	4.56
1981	4.77	4.70	4.68	4.75	4.80	4.75	4.74	4.73	4.76	4.80	4.87	4.88	4.87
1982		4.93	4.94										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	34.9	33.8	34.7	35.3	34.0	34.4	35.3	35.0	35.6	35.0	35.7	35.3	35.2
1978	35.2	32.9	34.9	35.7	35.7	35.3	35.5	35.2	35.5	35.0	35.1	35.4	35.1
1979	34.6	34.9	34.6	35.6	33.2	34.0	34.5	34.7	34.6	34.4	34.3	34.3	34.3
1980	34.6	34.3	34.6	35.0	35.0	34.3	34.8	34.5	34.2	33.9	34.3	34.3	34.1
1981	34.9	35.0	35.4	35.4	34.4	35.0	35.3	35.0	35.2	33.9	35.1	34.7	34.9
1982		33.9	34.8										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	1.3	1.2	1.3	1.5	1.2	1.1	1.3	1.2	1.5	1.4	1.5	1.5	1.4
1978	1.4	1.2	1.3	1.5	1.4	1.3	1.3	1.3	1.4	1.3	1.4	1.5	1.4
1979	1.4	1.3	1.4	1.5	1.2	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.4
1980	1.3	1.2	1.3	1.4	1.4	1.3	1.3	1.3	1.3	1.2	1.3	1.3	1.3
1981	1.3	1.3	1.3	1.4	1.2	1.3	1.3	1.3	1.3	1.2	1.3	1.3	1.3
1982		1.2	1.3										

SIC 234—WOMEN'S AND CHILDREN'S UNDERGARMENTS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	95.1	92.9	94.3	94.6	94.8	95.4	96.1	92.4	95.4	96.0	96.5	96.3	96.5
1978	91.8	92.7	94.0	94.2	93.8	94.6	93.8	92.6	93.3	94.4	94.5	92.9	92.6
1979	91.6	92.1	93.0	93.8	90.4	90.2	92.2	89.7	89.4	93.7	92.8	92.6	90.6
1980	90.6	89.9	91.6	89.9	89.4	89.7	90.5	89.4	89.7	91.5	89.4	93.1	93.2
1981		87.4	88.7										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	81.5	80.1	81.3	82.2	82.0	82.7	83.4	80.0	82.7	83.4	83.9	83.9	84.0
1978	79.8	80.4	81.4	82.0	81.5	82.0	77.9	80.0	81.0	82.2	82.7	80.7	80.5
1979	79.8	79.8	80.5	81.6	78.6	78.4	80.4	77.6	77.3	81.6	80.8	80.7	78.9
1980	77.4	77.6	79.1	78.0	77.6	78.1	78.6	77.3	77.4	79.3	77.8	81.0	81.1
1981	76.3	75.5	76.6	76.7	77.3	78.1	78.0	77.2	78.0	78.7	76.9	76.3	76.3
1982		74.5	75.5										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	81.2	79.8	80.9	81.3	81.0	81.4	82.0	78.6	81.3	81.8	82.3	82.5	82.9
1978	80.0	79.1	80.3	80.8	80.8	80.4	80.5	76.9	79.7	80.8	81.3	79.4	79.2
1979	78.6	78.4	79.1	79.8	77.1	76.9	78.9	76.1	75.8	80.1	79.3	79.2	77.5
1980	76.0	76.3	77.6	76.6	76.3	76.7	77.2	75.9	76.0	77.8	76.4	79.5	79.6
1981	77.3	74.2	75.2	75.4	76.0	76.7	76.7	75.8	76.7	77.3	75.5	74.9	74.9
1982		73.1	74.0										

SIC 234—WOMEN'S AND CHILDREN'S UNDERGARMENTS (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	118.74	109.50	115.63	117.65	116.44	118.34	120.99	114.95	120.62	121.11	124.92	121.50	121.6
1978	127.81	116.88	123.90	127.79	124.61	125.39	131.01	126.38	131.39	133.92	131.41	132.13	130.8
1979	137.80	131.66	133.73	135.61	130.68	134.46	136.73	134.79	142.68	141.93	141.67	140.57	143.6
1980	149.40	144.99	148.47	147.60	146.32	147.60	148.37	145.39	150.56	152.10	153.67	155.13	152.8
1981	163.62	156.47	159.92	162.79	160.20	161.85	164.86	162.90	167.61	167.17	167.99	164.43	164.9
1982		140.36	163.68										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.29	3.23	3.23	3.26	3.29	3.26	3.27	3.22	3.26	3.30	3.34	3.32	3.3
1978	3.57	3.51	3.52	3.54	3.53	3.54	3.56	3.57	3.59	3.60	3.62	3.64	3.6
1979	3.86	3.80	3.81	3.82	3.81	3.82	3.83	3.84	3.89	3.91	3.93	3.94	3.9
1980	4.15	4.05	4.09	4.10	4.11	4.11	4.11	4.11	4.16	4.19	4.21	4.25	4.2
1981	4.52	4.42	4.43	4.46	4.50	4.47	4.48	4.50	4.52	4.54	4.55	4.52	4.5
1982		4.71	4.65										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	36.2	33.9	35.8	36.1	35.5	36.3	37.0	35.7	37.0	36.7	37.4	37.1	36.1
1978	35.8	33.3	35.2	36.1	35.1	35.7	36.4	35.4	36.8	37.2	36.3	36.3	35.3
1979	35.7	34.7	35.1	35.5	34.3	35.2	35.7	35.1	36.4	36.3	35.1	36.1	35.3
1980	36.0	35.6	36.3	36.5	35.6	36.0	36.2	35.5	36.8	36.0	36.1	37.1	36.6
1981	36.2	35.8	36.1	36.5	35.4	36.2	36.8	36.2	37.0	36.5	36.6	36.5	36.1
1982		35.9	36.9										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	1.1	1.0	1.1	1.1	1.0	1.1	1.2	1.0	1.2	1.2	1.3	1.2	1.1
1978	1.2	1.0	1.1	1.2	1.1	1.1	1.2	1.1	1.2	1.2	1.2	1.2	1.1
1979	1.2	1.1	1.1	1.2	1.1	1.1	1.2	1.1	1.2	1.2	1.2	1.2	1.2
1980	1.2	1.1	1.2	1.2	1.2	1.2	1.2	1.1	1.2	1.2	1.2	1.2	1.2
1981	1.2	1.1	1.2	1.2	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
1982		1.1	1.2										

SIC 2341—WOMEN'S AND CHILDREN'S UNDERWEAR

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	74.0	71.8	73.4	74.2	74.3	74.6	75.1	72.2	74.9	75.1	75.5	75.1	74.2
1978	73.5	71.8	73.5	73.8	73.4	73.3	74.4	70.8	73.7	74.9	74.6	74.1	73.6
1979	73.4	71.6	73.9	73.1	73.6	73.4	73.8	69.6	74.2	74.2	74.6	74.1	73.6
1980	72.7	71.6	73.8	72.1	71.9	72.1	72.9	71.3	73.3	74.5	74.7	73.8	73.2
1981	72.3	70.0	70.9	70.8	71.6	72.1	72.9	71.3	73.3	74.5	74.7	73.8	73.2
1982		70.0	70.9										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	65.4	63.1	64.5	65.2	65.6	65.6	66.1	63.6	65.9	66.2	66.7	66.5	65.6
1978	64.8	63.3	64.9	65.0	64.8	64.5	65.6	62.0	65.0	66.2	65.7	65.3	64.8
1979	64.6	62.9	64.9	64.2	64.6	64.5	64.7	61.0	65.2	65.2	65.6	65.1	64.6
1980	63.6	62.8	64.1	63.0	63.0	63.0	63.0	60.3	63.6	63.7	63.8	64.1	63.7
1981	62.6	61.4	62.4	62.0	62.6	63.1	63.7	62.2	63.6	63.7	63.8	64.1	63.7
1982		61.4	62.4										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	64.6	62.2	63.8	64.6	64.8	64.8	65.2	62.5	65.2	65.4	65.9	65.7	64.9
1978	63.9	62.4	64.1	64.3	63.9	63.8	64.8	61.1	64.2	65.4	64.8	64.4	63.9
1979	63.7	62.0	64.1	63.7	63.7	63.7	63.9	59.6	63.9	64.1	64.7	64.2	63.7
1980	62.8	62.0	63.3	62.4	62.4	62.4	62.4	59.7	62.6	63.2	63.3	63.4	62.8
1981	61.8	60.6	61.6	61.3	61.8	62.4	62.9	61.5	62.8	63.0	63.1	63.4	62.8
1982		60.6	61.6										

See footnotes at end of tables

SIC 2341—WOMEN'S AND CHILDREN'S UNDERWEAR (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	116.15	106.16	112.77	114.48	113.56	114.39	118.30	112.77	118.72	119.56	123.00	121.60	118.74
1978	124.96	114.51	121.45	124.93	122.14	123.53	125.96	123.90	128.48	130.63	128.16	128.52	126.02
1979	134.68	129.41	130.88	132.40	127.91	131.25	134.61	133.79	140.23	140.14	140.50	145.51	143.95
1980	144.83	144.44	144.30	147.02	145.40	147.02	149.41	144.64	150.02	151.52	152.67	153.72	151.50
1981	161.34	154.70	158.56	161.41	158.87	160.45	163.47	161.98	165.84	165.97	165.88	166.08	161.62
1982		129.04	141.00										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.20	3.12	3.15	3.18	3.19	3.16	3.18	3.15	3.20	3.24	3.28	3.26	3.28
1978	3.51	3.47	3.49	3.48	3.47	3.47	3.47	3.50	3.52	3.54	3.56	3.57	3.58
1979	3.79	3.74	3.75	3.74	3.74	3.75	3.76	3.79	3.79	3.85	3.86	3.87	3.88
1980	4.10	3.99	4.02	4.05	4.05	4.05	4.06	4.08	4.11	4.14	4.16	4.20	4.22
1981	4.49	4.37	4.39	4.41	4.45	4.42	4.43	4.45	4.47	4.51	4.52	4.55	4.54
1982		4.45	4.40										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	36.3	33.7	35.6	36.0	35.6	36.2	37.2	35.8	37.1	36.9	37.5	37.3	36.2
1978	35.6	33.0	35.1	35.9	35.2	35.6	36.3	35.4	36.5	36.9	36.0	36.0	35.2
1979	35.4	34.6	34.4	35.4	34.2	35.0	35.8	35.3	37.0	36.4	36.4	37.6	37.1
1980	36.1	36.2	36.6	36.2	35.6	36.3	36.8	35.5	36.5	36.6	36.7	36.6	35.9
1981	36.4	35.4	36.2	36.6	35.7	36.3	36.9	36.4	37.1	36.8	36.7	36.5	35.6
1982		29.9	35.0										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	1.1	.7	.9	.6	.8	1.0	1.3	1.0	1.4	1.4	1.7	1.5	1.0
1978	1.0	.7	.9	1.0	.8	.8	1.1	1.0	1.2	1.5	1.3	1.2	.9
1979	1.1	.7	.8	.9	.5	.7	1.1	.8	1.5	1.5	1.6	1.5	1.3
1980	1.1	1.1	1.1	1.0	.7	.9	1.2	.9	1.0	1.1	1.2	1.4	1.1
1981	1.3	.9	1.1	1.3	.9	1.1	1.5	1.3	1.5	1.6	1.7	1.6	1.1
1982		.7	.9										

SIC 2342—BRASSIERES AND ALLIED GARMENTS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	20.9	21.1	20.9	20.6	20.5	20.8	21.0	20.2	20.5	20.9	21.1	21.3	21.3
1978	20.0	20.9	20.5	21.2	20.9	20.5	20.2	19.6	19.6	19.9	19.7	19.6	19.4
1979	18.7	19.0	18.9	18.7	19.1	18.8	18.9	17.8	18.9	18.5	18.4	18.6	18.8
1980	17.9	18.4	18.5	18.2	18.2	18.0	17.6	17.1	17.0	17.2	17.5	17.8	17.9
1981	18.0	17.7	17.9	18.1	18.1	18.4	18.6	18.3	18.5	18.6	18.5	18.4	18.5
1982		17.6	17.8										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	17.1	17.3	17.3	17.0	16.9	17.1	17.3	16.6	16.8	17.1	17.2	17.4	17.4
1978	16.5	17.1	16.8	17.5	17.2	17.1	16.4	15.9	16.0	16.1	16.1	16.2	16.0
1979	15.5	15.7	15.6	15.6	16.0	15.7	15.7	14.6	15.6	15.4	15.3	15.6	15.7
1980	14.9	15.1	15.4	15.1	15.1	14.9	14.6	14.0	13.8	14.1	14.2	14.6	14.6
1981	14.9	14.1	14.8	14.8	14.7	15.0	15.3	15.0	15.1	15.2	15.1	14.8	14.9
1982		14.1	14.2										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	16.6	16.6	16.4	16.4	16.4	16.6	16.8	16.1	16.3	16.7	17.0	17.1	17.1
1978	16.1	16.7	16.4	17.0	16.9	16.6	16.1	15.5	15.5	15.8	15.5	15.6	15.4
1979	14.9	15.1	15.0	15.0	15.3	15.1	15.2	14.0	15.1	14.7	14.3	14.8	14.9
1980	13.9	14.5	14.6	14.4	14.3	14.1	13.8	13.2	13.0	13.3	13.6	13.9	14.0
1981	14.3	13.9	14.0	14.2	14.2	14.4	14.7	14.4	14.4	14.5	14.4	14.3	14.2
1982		13.6	13.6										

See footnotes at end of tables.

SIC 2342—BRASSIERES AND ALLIED GARMENTS (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	128.88	122.50	126.74	130.67	127.78	132.50	132.13	123.90	127.76	128.52	131.01	131.01	131.40
1978	139.81	126.25	133.89	137.63	133.69	137.94	150.16	135.99	144.71	147.84	143.23	146.23	140.30
1979	146.20	141.91	145.48	148.63	143.79	147.65	146.08	139.66	147.85	147.74	147.20	150.52	144.28
1980	151.89	147.65	148.43	149.39	149.02	149.04	144.32	147.61	153.28	155.31	159.67	160.92	158.95
1981	170.77	163.09	165.43	167.90	164.97	169.56	170.03	166.73	174.24	172.83	177.38	179.82	176.27
1982		146.50	177.15										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.57	3.52	3.56	3.58	3.63	3.63	3.63	3.51	3.51	3.56	3.56	3.56	3.60
1978	3.82	3.67	3.74	3.75	3.74	3.80	3.88	3.82	3.89	3.86	3.84	3.91	3.93
1979	4.13	4.02	4.03	4.14	4.12	4.09	4.15	4.06	4.13	4.15	4.23	4.24	4.17
1980	4.39	4.33	4.34	4.33	4.37	4.32	4.36	4.38	4.43	4.45	4.46	4.47	4.44
1981	4.77	4.62	4.66	4.69	4.70	4.71	4.71	4.71	4.80	4.91	4.90	4.94	4.91
1982		5.00	5.12										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	36.1	34.8	35.6	36.5	35.2	36.5	36.4	35.3	36.4	36.1	36.8	35.8	36.5
1978	36.6	34.4	35.8	36.7	35.8	36.3	38.7	35.6	37.2	38.3	37.3	37.4	35.7
1979	35.4	35.3	36.1	35.9	34.9	36.1	35.2	34.4	35.8	35.6	34.8	35.5	34.6
1980	34.6	34.1	34.2	34.5	34.1	34.5	33.1	33.7	34.6	34.9	35.8	36.0	35.8
1981	35.8	35.3	35.5	35.8	35.1	36.0	36.1	35.4	36.3	35.2	36.2	36.4	35.9
1982		29.3	34.6										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	1.1	.8	.9	1.1	.8	1.3	1.6	.9	1.2	1.2	1.5	1.3	1.1
1978	1.0	.9	1.1	1.1	.9	1.0	1.6	.5	.9	1.3	1.1	1.0	.6
1979	.9	.4	.8	.9	.5	.8	.9	.5	1.3	1.2	1.2	1.2	.9
1980	.9	.6	.7	1.2	1.0	.7	.6	.5	.7	.9	1.2	1.1	1.1
1981	1.2	.9	1.0	1.0	1.0	1.3	1.3	1.1	1.5	1.5	1.3	1.2	1.0
1982		.5	.7										

SIC 236—CHILDREN'S OUTERWEAR

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	69.2	68.1	70.1	68.9	69.4	70.7	72.3	69.4	67.6	68.7	68.7	68.4	68.5
1978	69.2	68.5	69.3	69.4	69.4	70.8	72.8	68.9	69.4	68.9	68.6	67.7	67.0
1979	65.7	65.7	66.8	66.5	65.5	66.4	68.1	66.0	65.4	64.9	64.1	64.9	64.4
1980	64.4	65.3	67.0	65.9	64.9	65.3	66.7	62.0	62.1	63.7	64.4	63.5	61.9
1981	63.9	62.8	63.8	64.1	63.2	63.8	65.2	64.5	63.3	64.4	63.9	63.9	63.5
1982		62.1	62.1										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	59.4	58.6	59.7	59.2	59.8	60.7	62.1	59.4	57.7	58.8	58.9	58.6	58.8
1978	59.4	59.0	59.6	59.3	59.5	60.7	62.4	59.1	59.2	59.2	59.2	58.2	57.6
1979	56.6	56.0	57.7	57.3	56.4	57.3	58.4	56.5	56.3	56.0	55.4	56.1	55.2
1980	55.3	56.4	57.9	56.9	55.9	56.1	57.3	53.0	52.8	54.5	55.5	54.5	53.2
1981	54.7	53.8	54.8	54.8	54.2	54.8	56.0	55.1	53.7	54.8	54.5	54.9	54.6
1982		53.5	53.6										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	59.0	58.2	60.2	58.8	59.2	60.8	62.1	59.2	57.5	58.2	58.2	57.8	58.2
1978	59.1	58.2	59.4	59.0	59.2	60.5	62.1	58.6	59.3	59.0	58.6	57.5	57.2
1979	56.8	56.5	57.7	57.4	56.3	57.5	58.9	57.2	56.5	56.2	55.6	56.2	55.5
1980	55.1	56.1	57.6	56.5	55.8	56.5	57.7	53.0	52.7	54.3	55.1	53.8	52.3
1981	54.1	53.4	54.6	54.7	53.5	54.0	55.3	54.5	53.4	54.5	53.8	54.2	53.8
1982		52.6	52.7										

SIC 236—CHILDREN'S OUTERWEAR (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	116.77	105.94	116.96	115.99	114.05	115.34	119.03	115.72	126.09	118.57	124.88	121.66	125.15
1978	127.79	116.23	127.78	127.04	128.12	128.10	133.86	130.26	137.06	129.60	126.74	131.41	130.68
1979	137.66	133.08	136.06	139.76	132.74	135.46	140.59	139.08	137.86	138.16	138.67	143.39	145.52
1980	151.20	148.68	149.37	145.09	145.38	148.27	150.79	152.14	150.84	153.44	156.52	156.09	158.63
1981	164.26	161.64	161.45	160.47	156.00	164.06	166.25	162.17	165.53	164.61	167.40	169.82	169.62
1982		172.03	171.96										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.28	3.22	3.24	3.24	3.24	3.24	3.27	3.25	3.27	3.34	3.33	3.37	3.41
1978	3.54	3.48	3.52	3.49	3.51	3.50	3.54	3.53	3.53	3.60	3.57	3.62	3.64
1979	3.84	3.77	3.79	3.82	3.80	3.79	3.82	3.80	3.84	3.87	3.89	3.95	4.02
1980	4.20	4.13	4.11	4.11	4.13	4.13	4.22	4.22	4.19	4.31	4.30	4.30	4.37
1981	4.55	4.46	4.46	4.47	4.47	4.52	4.53	4.53	4.56	4.65	4.65	4.64	4.66
1982		4.75	4.79										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	35.6	32.9	36.1	35.8	35.2	35.6	36.4	35.6	35.5	35.5	36.0	36.1	36.7
1978	36.1	33.4	36.3	36.4	36.5	36.6	37.7	36.9	36.0	36.0	35.5	36.3	35.9
1979	35.9	35.3	35.9	35.8	34.8	36.1	36.9	36.6	35.9	35.7	35.7	36.3	36.2
1980	36.0	36.0	36.1	35.3	35.2	35.9	35.9	36.0	35.9	35.7	35.7	36.2	36.3
1981	36.1	36.0	36.2	35.9	35.5	35.9	36.6	35.9	36.3	35.6	36.4	36.2	36.2
1982		35.9	35.9	35.9	34.6	36.3	35.8	36.3	35.4	36.3	36.4	36.4	36.8

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	1.2	.5	1.2	1.2	.6	1.2	1.6	1.4	1.6	1.5	1.5	1.5	1.5
1978	1.6	1.0	1.5	1.5	1.6	1.6	2.0	1.5	1.3	1.4	1.1	1.6	1.3
1979	1.4	1.0	1.4	1.2	.7	1.3	1.5	1.3	1.3	1.3	1.3	1.4	1.5
1980	1.2	1.1	1.3	1.1	1.0	1.3	1.2	.8	1.4	1.1	1.2	1.2	1.2
1981	1.2	1.0	1.3	1.2	.5	1.1	1.4	1.0	1.4	1.2	1.4	1.4	1.3
1982		.9	1.3										

SIC 2361—CHILDREN'S DRESSES AND BLOUSES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	27.1	26.7	27.2	26.8	26.9	27.7	28.1	27.1	25.8	26.9	27.1	27.5	27.5
1978	27.3	27.2	27.3	27.3	27.2	27.2	27.8	27.4	26.4	27.1	27.6	27.8	27.8
1979	27.5	27.1	27.8	27.2	27.2	27.6	28.4	27.9	26.1	27.3	27.9	27.9	27.6
1980	27.3	28.1	28.6	27.6	27.5	27.5	27.9	25.8	25.9	26.7	27.4	27.1	27.1
1981	27.2	27.3	27.6	27.4	26.5	26.9	27.3	27.3	26.7	27.2	27.5	27.6	27.6
1982		27.1	27.1										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	24.2	23.9	24.3	23.9	24.0	24.7	25.2	24.1	22.7	24.0	24.2	24.5	24.6
1978	24.4	24.3	24.4	24.3	24.3	24.3	24.9	24.4	23.5	24.2	24.7	24.9	24.8
1979	24.5	24.2	24.5	24.3	24.2	24.4	25.0	24.9	23.7	24.3	24.9	24.7	24.6
1980	24.2	25.0	25.1	24.6	24.6	24.3	24.6	24.9	23.7	24.3	24.9	24.7	24.8
1981	24.0	23.9	24.2	24.0	23.3	23.6	24.2	24.1	23.5	24.2	24.4	24.6	24.5
1982		24.2	24.2										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	24.2	23.7	24.3	24.0	23.9	24.6	25.2	24.2	22.6	23.9	24.2	24.7	24.7
1978	24.6	24.6	24.6	24.6	24.5	24.6	25.2	24.8	23.6	24.4	24.7	24.9	24.8
1979	24.8	24.7	24.8	24.6	24.6	25.0	25.6	25.3	23.9	24.6	25.0	24.8	24.7
1980	24.5	25.3	25.4	24.9	24.8	25.0	25.4	25.8	23.9	24.6	25.0	24.8	24.9
1981	24.3	24.1	24.5	24.3	23.7	24.1	24.8	24.7	23.9	24.6	24.8	24.9	24.8
1982		24.4	24.3										

See footnotes at end of table.

SIC 2361—CHILDREN'S DRESSES AND BLOUSES (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	117.15	107.58	118.08	115.78	113.47	116.32	121.18	120.15	114.87	115.56	120.52	122.61	120.62
1978	126.02	118.68	124.56	123.15	124.24	126.32	131.71	130.30	122.14	125.32	126.00	130.30	128.99
1979	136.42	133.90	134.17	133.26	132.68	133.93	140.23	140.24	133.60	135.54	137.11	140.07	141.37
1980	146.91	144.13	144.54	140.37	139.54	144.39	147.74	146.97	145.81	146.84	153.51	151.56	154.61
1981	161.36	157.36	159.28	157.44	154.35	161.72	163.26	161.17	163.35	161.82	166.26	165.24	164.26
1982		169.12	166.37										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.30	3.25	3.28	3.28	3.27	3.24	3.32	3.33	3.32	3.34	3.33	3.33	3.33
1978	3.53	3.45	3.48	3.44	3.44	3.48	3.55	3.56	3.52	3.55	3.53	3.58	3.56
1979	3.80	3.72	3.74	3.73	3.70	3.71	3.79	3.77	3.85	3.77	3.83	3.88	3.90
1980	4.13	4.06	4.06	4.06	4.08	4.09	4.07	4.03	4.09	4.07	4.24	4.23	4.29
1981	4.52	4.41	4.40	4.41	4.40	4.43	4.51	4.54	4.55	4.61	4.60	4.59	4.61
1982		4.68	4.74										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	35.5	33.1	36.2	35.3	34.7	35.9	36.5	36.3	34.6	34.6	36.3	36.8	36.2
1978	35.8	34.4	35.8	35.8	35.7	36.1	37.1	36.6	34.7	35.0	35.7	36.4	36.2
1979	35.9	36.0	35.4	35.7	35.1	35.4	37.0	37.2	34.7	35.9	35.8	36.1	36.2
1980	35.8	35.9	35.7	34.5	34.2	35.3	36.0	35.0	34.6	34.2	35.7	36.1	36.1
1981	35.7	35.6	36.2	35.7	34.3	35.7	36.2	35.5	35.9	35.1	36.0	36.1	36.2
1982		37.0	35.1										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	1.4	.9	1.4	1.4	.6	1.2	1.5	1.7	1.1	1.2	1.5	1.6	1.4
1978	1.9	1.3	1.5	1.6	0.0	2.1	2.6	1.7	1.1	1.5	1.8	1.5	1.5
1979	1.2	1.0	1.6	1.2	1.0	1.2	1.4	1.6	1.4	1.2	1.3	1.4	1.4
1980	.9	.9	1.1	1.1	.4	.9	1.3	1.3	1.3	1.0	1.1	1.1	1.1
1981	1.1	.9	1.2	1.2	.5	.9	1.3	1.3	1.3	1.0	1.1	1.1	1.1
1982		1.1	1.2										

SIC 238—MISC. APPAREL AND ACCESSORIES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	60.7	57.7	59.2	60.4	61.1	61.4	62.6	57.5	61.3	62.2	62.9	63.2	59.6
1978	60.6	58.0	60.0	61.1	61.7	62.3	62.8	57.9	61.2	61.3	62.3	63.0	59.1
1979	57.8	56.7	58.2	59.3	58.9	59.1	59.5	55.4	58.0	58.4	58.7	59.4	55.8
1980	56.0	53.7	55.1	56.0	55.8	55.9	56.7	53.0	56.7	57.6	57.4	57.2	54.1
1981	57.3	54.6	56.3	57.2	57.0	57.3	58.6	55.5	59.3	59.0	58.4	57.2	55.1
1982		53.5	53.9										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	46.6	43.8	45.6	46.6	47.2	47.5	48.4	42.9	47.0	48.4	48.6	48.5	46.1
1978	47.4	45.6	46.9	48.1	48.4	48.9	49.3	44.9	47.7	47.9	47.6	47.7	46.4
1979	45.1	44.4	45.7	46.5	46.1	46.4	46.6	43.2	45.3	45.8	45.6	44.1	43.7
1980	43.2	42.0	42.5	43.6	43.7	43.5	43.8	41.6	44.3	44.3	44.1	43.7	42.5
1981	43.5	41.8	43.3	43.6	43.8	43.6	44.6	41.8	44.9	44.7	44.3	43.2	42.1
1982		40.7	41.1										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	52.4	49.3	51.3	52.4	53.1	53.3	54.5	49.0	53.1	54.1	54.4	55.0	51.5
1978	52.3	50.1	51.6	52.6	53.3	54.1	54.3	49.2	52.9	53.0	53.1	53.7	51.0
1979	49.6	48.7	50.2	50.9	50.6	51.2	51.4	47.5	49.6	50.0	50.1	50.4	48.2
1980	47.6	46.0	47.5	48.3	47.9	47.5	48.4	44.9	48.3	49.1	49.1	49.1	47.0
1981	48.1	46.1	47.6	48.4	48.7	48.6	49.5	46.6	50.2	50.1	49.9	49.1	47.7
1982		44.7	45.9										

SIC 238—MISC. APPAREL AND ACCESSORIES (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	127.35	123.85	126.62	123.85	127.35	127.75	126.37	128.83	129.93	133.43	134.25	133.19
1978	141.36	141.00	139.88	141.38	140.25	139.84	141.56	142.03	143.58	143.85		
1979	149.33	151.33	149.65	149.65	152.62	154.56	158.79	156.65				
1980	159.40	158.94	163.62	166.95	172.50	173.63						
1981	179.33	183.52	181.02	184.26	180.68	187.13	190.38	185.74				
1982												

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.47	3.50	3.52	3.52	3.55	3.53	3.58	3.59					
1978	3.74	3.76	3.76	3.80	3.88	3.87	3.87	3.91					
1979	4.08	4.09	4.10	4.10	4.17	4.20	4.28	4.28					
1980	4.43	4.47	4.49	4.48	4.52	4.60	4.60	4.68					
1981	4.86	4.92	4.84	4.94	4.95	4.99	5.01	5.02					
1982													

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	36.7	35.9	36.5	35.9	36.6	36.6	37.8	37.5	37.1				
1978	37.7	37.4	37.6	37.3	36.8	37.0	36.7	37.1	36.8				
1979	36.7	35.0	36.6	37.0	36.5	36.5	36.6	36.8	37.1	36.6			
1980	35.6	35.7	35.9	36.1	35.5	35.7	36.2	37.1	37.5	37.1			
1981	37.0	36.2	36.9	37.3	37.4	37.3	36.5	37.5	38.0	37.0			
1982													

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	.9	1.3	1.2	.9	1.2	1.8	1.7	1.9	1.4				
1978	1.4	1.6	1.6	1.0	1.5	1.7	1.7	1.7	1.4				
1979	.7	1.2	1.2	.6	1.1	1.5	1.6	1.7	1.1				
1980	1.2	1.0	1.0	.7	1.2	1.2	1.6	1.5	1.2				
1981	.9	1.3	1.4	1.4	1.6	1.4	1.8	1.7	1.3				
1982													

SIC 239—MISC. FABRICATED TEXTILE PRODUCTS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	178.0	181.6	172.4	179.2	186.8	190.3	192.2	191.2					
1978	190.4	191.9	182.7	192.4	196.0	197.4	198.4	196.4					
1979	190.5	190.9	184.8	184.3	189.1	193.4	189.1	188.4					
1980	172.0	171.9	161.6	171.6	175.5	177.0	178.5	175.6					
1981	178.4	180.1	168.9	176.1	181.4	180.5	177.5	171.2					
1982													

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	113.3	115.2	108.3	113.5	118.8	122.1	122.8	121.5					
1978	121.9	122.0	115.7	123.5	126.5	127.5	127.9	127.2					
1979	122.0	121.8	117.7	118.5	121.3	124.5	122.3	121.4					
1980	112.0	109.9	108.9	102.0	108.5	110.5	111.7	112.7	111.0				
1981	112.3	114.0	106.9	111.9	115.4	115.8	113.2	109.7					
1982													

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	146.6	149.9	140.9	146.8	154.4	157.5	159.2	159.1					
1978	158.0	159.8	151.0	160.3	164.1	165.7	166.0	164.6					
1979	158.4	158.4	152.2	151.9	156.2	160.6	156.8	156.1					
1980	139.7	140.2	130.9	142.2	145.7	147.1	148.5	144.6					
1981	147.8	148.9	138.2	143.7	149.0	148.3	144.9	138.3					
1982													

See footnotes at end of table.

SIC 239—MISC. FABRICATED TEXTILE PRODUCTS (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	161.66	150.23	149.81	156.56	155.74	160.13	166.14	158.04	157.82	165.29	167.42	167.42	181.75
1978	175.03	160.37	157.68	169.86	173.95	173.18	173.95	172.73	175.10	181.97	182.83	185.26	191.27
1979	180.68	177.12	176.70	183.16	173.38	184.09	183.74	186.14	178.89	183.36	187.01	181.36	193.83
1980	192.51	179.08	180.42	186.62	180.05	178.08	184.76	178.73	196.57	202.88	209.50	208.41	221.36
1981	221.18	210.72	206.46	218.88	219.46	226.98	231.28	218.12	223.68	223.06	225.97	223.30	221.18
1982		105.16	218.67										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.21	4.15	4.06	4.12	4.12	4.17	4.26	4.17	4.11	4.26	4.26	4.26	4.51
1978	4.57	4.43	4.32	4.47	4.53	4.51	4.53	4.51	4.56	4.69	4.70	4.69	4.83
1979	4.82	4.80	4.75	4.82	4.75	4.87	4.81	4.86	4.72	4.80	4.87	4.76	4.97
1980	5.12	4.84	4.85	4.95	4.84	4.80	4.98	4.87	5.27	5.41	5.47	5.47	5.59
1981	5.76	5.56	5.55	5.70	5.73	5.85	5.90	5.71	5.75	5.87	5.90	5.80	5.76
1982		5.95	5.91										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	38.4	36.2	36.9	38.0	37.8	38.4	39.0	37.9	38.4	38.8	39.3	39.3	40.3
1978	38.3	36.2	36.5	38.0	38.4	38.4	38.4	38.3	38.4	38.8	38.9	39.5	39.6
1979	37.9	36.9	37.2	38.0	36.5	37.8	38.2	38.3	37.9	38.2	38.4	38.1	39.0
1980	37.6	37.0	37.2	37.7	37.2	37.1	37.1	36.7	37.3	37.5	38.3	38.1	39.6
1981	38.4	37.9	37.2	38.4	38.3	38.8	39.2	38.2	38.9	38.0	38.3	38.5	38.4
1982		32.8	37.0										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	2.1	1.7	1.2	1.7	1.7	1.9	2.4	2.0	2.1	2.7	2.7	2.6	2.6
1978	2.2	1.9	1.6	1.9	2.1	2.0	2.1	2.0	2.1	2.8	2.7	2.8	2.2
1979	1.7	1.7	1.5	1.8	1.1	2.0	2.0	1.9	1.6	1.7	1.7	1.6	1.5
1980	1.5	1.0	1.2	1.4	1.3	1.1	1.3	.9	1.4	1.8	2.0	2.0	2.3
1981	1.8	1.4	1.3	1.7	1.6	2.0	2.2	1.8	2.1	1.8	2.0	1.8	1.6
1982		.9	1.4										

SIC 2391—CURTAINS AND DRAPERIES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	28.0	28.3	28.4	29.4	28.3	29.8	30.5	31.3	32.0	32.2			
1978	30.7	29.9	30.5	31.1	27.1	31.0	30.8	30.7	30.3	30.0			
1979	28.2	28.0	28.1	29.2	27.1	29.1	29.5	29.9	30.0	29.9			
1980	28.5	28.0	27.5	26.7	24.7	26.4	26.4	26.8	26.8	26.4			
1981	25.6	26.0	26.6	26.9	26.0	27.9	28.2	28.5	28.1	27.8			
1982		26.1	25.5										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	22.3	22.5	22.6	23.5	22.4	23.7	24.5	25.1	25.7	25.9			
1978	24.6	23.8	24.3	24.7	21.9	24.7	24.6	24.4	24.2	23.8			
1979	22.6	22.2	22.3	23.2	21.6	23.3	23.6	24.0	24.1	24.0			
1980	22.5	22.0	21.6	20.9	19.4	20.7	20.7	21.2	21.2	20.8			
1981	20.2	20.4	21.0	21.3	20.4	22.0	22.3	22.6	22.3	22.0			
1982		20.4	20.0										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	24.2	24.4	24.5	25.5	24.4	25.8	26.5	27.2	27.9	28.1			
1978	26.8	26.0	26.5	27.2	23.9	27.2	27.0	26.9	26.5	26.3			
1979	24.5	24.4	24.5	25.4	23.3	25.3	25.5	25.9	26.0	25.9			
1980	24.4	23.7	23.2	22.5	20.7	22.1	22.1	22.4	22.6	22.1			
1981	21.3	21.6	22.2	22.4	21.7	23.3	23.6	23.8	23.5	23.0			
1982		21.4	20.9										

SIC 2391—CURTAINS AND DRAPERIES (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	118.45	107.30	107.95	113.09	113.98	113.31	120.84	126.16	122.85	124.69	125.30	126.44	124.41
1978	126.96	114.50	118.61	121.41	125.94	126.25	130.03	124.83	131.57	131.95	129.48	134.62	135.55
1979	139.68	126.13	131.77	138.00	132.49	138.01	145.13	136.16	140.62	143.64	145.92	147.07	147.43
1980	145.44	139.30	144.80	146.15	142.56	142.44	146.97	142.10	145.71	146.63	144.27	147.96	151.88
1981	161.46	151.16	154.37	156.52	159.76	165.44	166.19	160.75	170.69	166.73	160.38	160.92	165.07
1982		131.13	148.39										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

1977	3.21	3.11	3.12	3.15	3.14	3.13	3.18	3.20	3.25	3.29	3.28	3.31	3.30
1978	3.45	3.37	3.36	3.42	3.46	3.44	3.44	3.42	3.49	3.50	3.49	3.52	3.53
1979	3.75	3.64	3.63	3.68	3.66	3.73	3.75	3.71	3.77	3.80	3.82	3.86	3.89
1980	4.04	3.98	4.00	3.95	3.96	3.99	4.06	4.06	4.07	4.10	4.13	4.11	4.15
1981	4.40	4.27	4.30	4.30	4.33	4.40	4.42	4.38	4.48	4.47	4.44	4.47	4.51
1982		4.65	4.58										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

1977	36.9	34.5	34.6	35.9	36.3	36.2	38.0	36.3	37.8	37.9	38.2	38.2	37.7
1978	36.8	34.1	35.3	35.5	36.4	36.7	37.8	36.5	37.7	37.7	37.1	38.3	38.4
1979	37.3	35.2	36.3	37.5	36.2	37.0	38.7	36.7	37.3	37.8	38.2	38.1	37.9
1980	36.0	35.0	35.2	37.0	36.0	35.7	36.2	35.0	35.8	36.1	35.4	36.0	36.5
1981	36.7	35.4	35.9	36.4	36.9	37.6	37.6	36.7	38.1	37.3	35.8	36.0	36.6
1982		28.2	32.4										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

1977	1.3	.3	.5	1.1	.6	.9	1.7	1.2	1.7	2.2	2.0	2.2	1.3
1978	1.3	.6	.7	1.0	1.0	1.1	1.6	1.3	1.6	1.7	1.7	2.2	1.7
1979	1.0	1.0	.9	.9	.4	1.0	2.1	.6	1.1	.9	1.1	1.2	.8
1980	.7	.5	.9	.9	.6	.6	1.1	.3	.3	.6	.6	.6	1.1
1981	.9	.4	.7	.3	.7	1.3	1.3	.6	1.4	1.3	.8	.9	1.1
1982		.5	.7										

SIC 2392—HOUSE FURNISHINGS, NEC

ALL EMPLOYEES—IN THOUSANDS

1977	48.2	45.2	45.8	45.6	46.1	46.4	47.8	46.0	47.6	51.0	51.5	52.6	52.5
1978	52.1	50.6	51.2	51.9	51.9	50.8	51.2	50.5	52.7	53.5	53.9	53.9	53.7
1979	52.8	52.5	51.2	51.9	51.2	52.3	53.0	51.5	52.4	53.3	54.7	55.3	54.5
1980	50.1	52.4	51.9	51.6	50.2	48.8	49.0	47.0	49.0	50.2	50.5	51.0	50.0
1981	48.9	47.0	46.9	47.8	47.6	47.9	48.1	46.9	49.5	51.2	51.6	51.4	50.1
1982		46.0	46.2										

WOMEN EMPLOYEES—IN THOUSANDS

1977	30.7	28.7	28.8	28.8	29.1	29.6	30.4	29.0	30.4	32.6	33.3	33.9	33.6
1978	33.1	32.2	32.5	33.1	33.4	32.6	32.7	31.9	33.8	34.1	34.3	33.6	33.3
1979	33.2	32.9	31.7	32.5	31.9	32.8	33.3	32.3	33.3	33.8	34.6	35.0	34.4
1980	31.6	33.2	32.9	32.7	31.6	31.3	30.8	29.5	30.9	31.4	31.7	32.0	31.3
1981	30.8	29.4	29.3	29.9	29.8	30.1	30.5	29.6	31.4	32.5	32.9	32.8	31.9
1982		29.1	29.3										

PRODUCTION WORKERS—IN THOUSANDS

1977	39.5	37.1	36.9	36.9	37.4	37.9	39.1	37.4	39.1	41.9	42.5	43.5	43.7
1978	43.4	41.9	42.3	43.1	43.2	42.2	42.4	42.0	44.0	44.7	45.1	45.1	44.7
1979	43.7	44.0	42.3	43.0	42.0	43.2	43.9	42.2	43.2	44.0	45.2	45.9	45.3
1980	41.2	43.1	42.7	42.6	41.3	39.8	40.2	38.7	40.5	41.1	41.6	42.1	41.2
1981	40.2	38.7	38.8	39.1	39.2	39.5	39.6	38.7	40.9	42.0	42.4	42.6	40.9
1982		37.6	38.2										

See footnotes at end of tables.

SIC 2392—HOUSE FURNISHINGS, NEC (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	125.26	123.12	129.03	130.38	123.60	130.34	133.35	133.50	126.42	141.96	145.20	145.18	140.5
1978	148.99	136.13	138.74	143.64	143.64	142.66	145.92	150.41	150.11	156.74	157.44	162.10	160.7
1979	159.36	146.96	151.71	155.45	150.75	155.66	158.30	162.31	163.16	164.58	165.45	167.84	169.0
1980	170.17	163.73	165.30	168.63	161.18	163.61	165.17	162.04	173.12	173.58	177.95	180.16	179.5
1981	188.37	179.26	181.06	183.44	183.86	182.48	187.59	186.18	191.95	190.08	197.79	194.66	195.9
1982		156.14	190.64										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

1977	3.55	3.42	3.45	3.44	3.43	3.43	3.50	3.56	3.59	3.64	3.66	3.68	3.6
1978	3.89	3.75	3.79	3.77	3.74	3.78	3.81	3.84	3.84	4.02	4.03	4.02	4.0
1979	4.15	4.03	4.11	4.08	4.04	4.07	4.08	4.13	4.21	4.22	4.23	4.25	4.2
1980	4.46	4.32	4.35	4.34	4.38	4.41	4.44	4.46	4.58	4.59	4.61	4.67	4.7
1981	4.88	4.77	4.79	4.74	4.79	4.80	4.82	4.85	4.96	4.95	5.02	5.04	5.0
1982		5.07	5.14										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

1977	36.1	36.0	37.4	37.9	36.1	38.0	38.1	37.5	38.0	39.0	39.7	39.5	39.0
1978	38.3	36.3	36.8	38.1	38.0	37.8	38.3	38.2	38.1	39.0	39.2	40.3	39.7
1979	38.4	36.6	37.4	38.1	37.2	38.3	38.8	38.9	38.8	39.0	39.1	39.5	39.3
1980	37.9	37.9	38.0	38.5	36.8	37.1	37.2	36.6	37.8	37.6	38.6	38.9	38.7
1981	38.6	37.6	37.9	38.7	38.3	38.3	39.0	38.4	38.7	38.4	39.4	39.2	38.9
1982		30.8	37.1										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

1977	1.8	1.3	1.5	1.2	1.1	1.3	1.6	1.3	1.8	2.4	2.6	2.7	2.4
1978	1.8	1.4	1.5	1.4	1.5	1.3	1.7	1.3	1.7	2.0	2.4	2.7	2.3
1979	2.1	1.5	1.4	1.4	1.3	2.0	2.1	2.2	2.2	2.2	2.2	2.2	2.2
1980	1.8	1.6	1.7	1.7	1.5	1.4	1.5	1.2	1.8	1.7	2.1	2.2	2.1
1981	2.0	1.5	1.6	1.6	1.5	1.8	2.3	2.0	2.1	2.0	2.4	2.4	2.2
1982		.7	1.4										

SIC 2396—AUTOMOTIVE AND APPAREL TRIMMINGS

ALL EMPLOYEES—IN THOUSANDS

1977	34.2	33.0	30.4	32.7	33.3	35.3	35.2	31.6	33.1	35.8	36.6	36.2	34.1
1978	39.0	35.1	33.8	35.7	36.2	36.2	36.2	32.3	35.3	37.5	37.9	37.9	36.2
1979	34.6	36.9	35.9	36.4	36.9	36.7	34.2	33.2	31.3	34.5	35.7	37.1	35.4
1980	28.9	29.1	29.7	31.4	28.9	27.3	27.7	23.6	28.2	29.8	30.2	30.7	30.4
1981	30.2	29.5	29.9	31.9	31.6	33.3	33.6	27.0	28.4	31.4	31.0	28.9	29.5
1982		24.3	24.7										

WOMEN EMPLOYEES—IN THOUSANDS

1977	17.1	16.0	14.6	16.3	16.6	17.7	17.5	15.5	16.5	18.4	19.1	18.5	17.6
1978	18.4	17.5	17.0	18.1	18.2	18.2	18.1	16.1	17.6	19.4	19.8	20.0	19.0
1979	17.5	19.1	18.4	18.6	18.9	18.6	17.1	16.4	15.2	17.6	18.2	19.6	18.4
1980	14.5	14.7	15.0	15.8	14.2	13.9	14.0	11.7	14.0	14.6	15.0	16.1	15.4
1981	15.3	15.0	14.9	16.0	15.9	16.8	17.0	13.3	14.5	15.8	16.2	14.7	13.2
1982		12.7	12.6										

PRODUCTION WORKERS—IN THOUSANDS

1977	28.4	27.4	24.9	27.4	27.8	29.7	29.6	25.9	26.5	29.8	30.6	30.2	28.9
1978	30.0	29.2	27.9	29.7	30.3	30.2	30.2	26.2	29.2	31.4	31.9	31.9	30.2
1979	26.7	30.9	29.6	30.3	30.9	30.7	28.3	27.4	25.4	28.5	29.9	30.4	29.3
1980	23.9	23.5	24.1	25.8	22.7	21.1	22.0	18.0	24.5	26.3	26.6	26.6	25.9
1981	25.2	24.6	25.6	27.6	26.9	28.6	28.7	22.0	23.0	26.2	25.8	23.4	24.1
1982		19.0	18.9										

SIC 2396—AUTOMOTIVE AND APPAREL TRIMMINGS (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	275.93	263.45	247.30	265.86	268.13	271.35	292.32	268.31	253.49	275.81	272.80	274.03	341.42
1978	297.94	272.68	241.24	288.35	300.85	292.47	289.45	292.13	292.13	311.87	316.92	314.99	349.08
1979	300.31	301.09	291.41	313.16	278.53	315.20	303.31	308.83	278.63	291.76	305.74	279.31	340.17
1980	314.25	281.22	278.55	293.04	270.11	261.93	293.96	280.80	324.97	346.33	358.90	347.92	394.83
1981	390.17	356.17	337.13	364.74	392.92	405.98	417.00	402.21	398.67	393.12	403.22	393.57	390.53
1982		370.13	399.90										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	6.93	6.79	6.71	6.68	6.67	6.75	6.96	6.81	6.45	6.75	6.82	6.92	7.39
1978	7.43	7.20	6.93	7.30	7.41	7.33	7.46	7.34	7.34	7.57	7.60	7.59	7.88
1979	7.74	7.72	7.53	7.79	7.61	7.88	7.94	7.98	7.45	7.52	7.76	7.59	8.08
1980	8.27	7.59	7.55	7.92	7.32	7.06	7.86	7.37	8.62	9.09	9.25	9.16	9.29
1981	9.73	8.68	8.99	9.43	9.56	9.83	10.00	9.81	9.70	10.08	10.26	10.04	10.25
1982		10.31	10.36										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	40.4	38.8	36.6	39.8	40.2	40.2	42.0	39.4	39.3	40.8	40.0	39.6	46.2
1978	41.1	37.9	35.1	39.5	40.6	39.9	38.8	39.8	39.8	41.2	41.7	41.5	44.3
1979	38.8	39.0	38.7	40.2	36.6	40.0	38.2	38.7	37.4	38.8	39.4	36.8	42.1
1980	38.0	37.1	36.7	37.0	36.9	37.1	37.4	38.1	37.7	38.1	38.8	37.9	42.5
1981	41.1	40.2	37.5	40.8	41.1	41.3	41.7	41.0	41.1	39.0	39.3	39.2	38.1
1982		35.9	36.5										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.5	4.4	3.2	2.9	3.3	3.2	5.1	3.9	2.6	4.4	3.3	2.9	4.3
1978	3.7	3.4	1.5	3.2	4.0	3.5	3.3	3.6	3.2	5.3	5.1	4.6	3.7
1979	2.1	3.3	3.4	3.6	1.5	3.6	2.5	2.8	1.5	1.5	1.8	.6	.6
1980	1.7	.3	.4	1.4	1.1	.8	.9	1.2	2.8	3.2	2.7	2.4	3.3
1981	2.0	1.0	.5	2.2	2.3	2.9	2.8	3.2	2.8	2.2	2.0	.8	.7
1982		.6	1.5										

SIC 26—PAPER AND ALLIED PRODUCTS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	691.6	676.1	677.9	680.3	686.2	692.1	702.6	694.9	701.7	698.4	695.8	694.4	696.5
1978	698.7	690.6	690.4	694.3	697.7	703.1	714.1	707.2	700.9	698.5	690.9	697.9	698.6
1979	706.6	694.1	697.2	701.8	703.8	705.6	716.8	712.0	715.8	710.4	709.9	708.0	706.1
1980	692.1	703.8	701.8	702.2	698.5	691.9	694.4	681.0	687.4	686.5	688.5	688.9	688.8
1981	687.8	684.4	682.8	684.8	687.0	689.0	696.5	691.8	695.5	697.1	686.4	681.1	676.0
1982		669.3	665.8										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	151.1	144.3	145.3	146.3	148.1	150.4	154.4	151.5	154.3	154.4	155.1	155.1	154.5
1978	157.6	152.7	153.7	154.3	156.6	159.3	161.7	158.6	160.0	159.7	159.1	160.2	159.2
1979	161.6	154.0	157.4	159.3	160.6	160.8	165.3	162.6	164.5	163.3	164.2	162.8	160.8
1980	159.2	160.2	159.7	160.8	161.0	159.5	159.7	156.0	156.2	157.9	159.2	159.0	158.8
1981	160.1	157.0	157.4	158.7	160.0	160.9	162.4	161.7	164.2	164.0	161.1	158.7	157.6
1982		155.0	154.7										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	516.1	504.9	506.6	507.9	512.8	518.5	528.4	520.3	526.9	525.0	521.9	520.7	522.1
1978	524.7	516.5	516.9	519.6	522.9	529.1	539.8	532.2	525.9	524.7	518.8	524.1	526.2
1979	535.6	522.2	526.7	529.5	532.0	534.1	544.6	541.2	544.3	540.5	539.7	537.6	536.1
1980	522.7	533.1	531.8	532.0	529.6	522.3	524.0	510.4	517.0	517.1	518.5	518.9	519.3
1981	518.0	515.8	515.0	516.1	517.4	519.0	526.3	521.1	524.3	527.0	516.0	511.9	506.0
1982		500.0	496.5										

See footnotes at end of tables.

SIC 26—PAPER AND ALLIED PRODUCTS (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	255.68	241.08	242.38	245.38	250.26	250.11	256.06	257.23	258.51	263.95	264.02	265.31	272.06
1978	279.71	264.59	264.81	272.39	270.92	272.64	281.23	264.43	282.71	287.91	287.00	292.71	295.80
1979	303.74	290.11	289.33	293.51	288.29	295.95	302.60	305.15	308.42	312.99	313.11	318.75	325.82
1980	330.85	319.07	318.42	319.70	321.56	318.24	324.43	329.54	333.98	340.52	341.40	349.29	361.40
1981	365.50	353.13	348.99	351.92	354.05	357.85	364.66	370.15	367.61	386.64	373.97	376.05	382.59
1982		374.18	377.58										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.96	5.74	5.73	5.76	5.82	5.83	5.90	6.01	6.04	6.11	6.14	6.17	6.24
1978	6.52	6.27	6.32	6.32	6.33	6.37	6.51	6.63	6.59	6.68	6.69	6.76	6.80
1979	7.13	6.81	6.84	6.89	6.93	6.98	7.07	7.18	7.24	7.33	7.35	7.43	7.49
1980	7.84	7.49	7.51	7.54	7.62	7.65	7.78	7.95	7.99	8.05	8.09	8.18	8.27
1981	8.60	8.27	8.27	8.30	8.37	8.42	8.54	8.73	8.67	8.95	8.92	8.89	8.96
1982		9.06	8.99										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	42.9	42.0	42.3	42.6	43.0	42.9	43.4	42.8	42.8	43.2	43.0	43.0	43.6
1978	42.9	42.2	41.9	43.1	42.8	42.8	43.2	42.9	42.9	43.1	42.9	43.3	43.5
1979	42.6	42.6	42.3	42.6	41.6	42.4	42.8	42.5	42.6	42.7	42.6	42.9	43.5
1980	42.2	42.5	42.4	42.4	42.2	41.6	41.7	41.4	41.8	42.3	42.2	42.7	43.7
1981	42.5	42.7	42.2	42.4	42.3	42.5	42.7	42.4	42.4	43.2	42.4	42.3	42.7
1982		41.3	42.0										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.8	4.6	4.4	4.6	4.7	4.7	4.9	4.9	4.9	5.1	5.0	4.9	5.2
1978	5.1	4.9	5.0	5.0	4.9	4.8	5.0	5.2	5.2	5.6	5.3	5.3	5.2
1979	4.8	4.9	4.6	4.7	4.0	4.5	4.8	4.9	5.0	5.2	5.0	5.0	5.0
1980	4.3	4.4	4.1	4.1	4.1	3.7	3.8	4.2	4.3	4.6	4.5	4.7	4.9
1981	4.5	4.7	4.4	4.3	4.3	4.4	4.6	4.6	4.5	5.6	4.4	4.2	4.2
1982		4.3	4.1										

SIC 261,2,6—PAPER AND PULP MILLS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	205.4	204.1	203.1	203.9	205.4	206.6	209.4	209.2	209.6	206.6	203.0	201.0	202.9
1978	200.1	200.4	199.7	199.7	200.6	202.5	207.2	207.3	199.2	198.0	189.6	198.1	199.3
1979	205.9	198.4	200.9	205.0	205.0	206.1	209.4	210.4	210.5	207.2	205.7	206.2	205.9
1980	203.3	204.9	203.7	203.2	202.2	201.3	203.8	203.1	203.4	201.5	203.9	204.2	204.8
1981	203.2	201.8	200.6	201.5	202.1	203.3	207.1	207.3	206.1	206.1	201.4	201.6	199.7
1982		197.6	196.0										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	24.5	23.5	23.4	23.6	23.9	24.2	25.2	25.4	25.4	25.0	24.7	24.5	24.7
1978	25.1	24.4	24.3	24.2	24.4	25.2	26.3	26.9	25.8	25.2	24.2	25.3	25.5
1979	27.1	25.5	25.5	26.1	26.3	26.7	27.9	28.1	28.3	27.3	27.7	27.7	27.5
1980	27.7	27.3	27.4	27.2	27.2	27.5	27.8	28.3	28.2	27.4	27.7	27.8	28.1
1981	28.0	27.4	27.2	27.2	27.4	27.8	28.7	28.8	28.8	26.5	28.1	27.9	27.7
1982		27.2	26.9										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	157.3	156.1	155.1	155.6	156.9	158.2	160.9	160.9	161.4	158.9	155.2	153.1	154.9
1978	151.1	152.6	152.0	152.0	151.9	154.4	158.4	158.2	149.4	148.4	140.5	146.8	148.2
1979	154.7	147.0	150.0	153.8	154.1	155.2	158.0	158.6	158.6	156.0	154.9	155.1	155.0
1980	152.2	154.1	153.1	152.4	151.5	150.5	152.4	151.1	151.3	150.3	152.8	153.2	154.2
1981	152.8	151.9	150.7	151.4	151.8	152.6	156.0	156.0	154.8	155.7	151.2	151.6	149.8
1982		148.0	146.6										

SIC 261,2,6—PAPER AND PULP MILLS (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	302.80	286.78	286.14	297.67	297.77	294.34	300.15	306.22	303.01	313.40	313.54	315.06	321.37
1978	334.80	314.26	317.19	322.38	321.39	322.90	331.82	345.19	340.36	348.53	347.85	352.30	355.09
1979	372.63	353.21	354.49	355.16	360.59	361.70	369.37	376.52	378.85	382.22	388.39	393.24	394.56
1980	407.14	389.78	390.23	392.90	403.15	399.40	396.90	409.69	410.52	423.70	418.44	429.64	435.33
1981	449.68	427.20	428.54	429.67	434.11	439.20	448.10	459.33	451.42	445.36	462.65	462.17	464.42
1982		463.49	465.76										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	6.75	6.43	6.43	6.45	6.53	6.57	6.67	6.82	6.84	6.98	7.03	7.06	7.11
1978	7.44	7.11	7.16	7.18	7.19	7.24	7.44	7.57	7.53	7.66	7.73	7.76	7.77
1979	8.26	7.78	7.86	7.91	7.96	8.02	8.19	8.33	8.41	8.57	8.65	8.71	8.71
1980	9.15	8.72	8.73	8.77	8.88	8.85	9.00	9.29	9.33	9.50	9.51	9.64	9.61
1981	10.06	9.60	9.63	9.66	9.69	9.76	9.98	10.23	10.19	10.63	10.42	10.44	10.46
1982		10.51	10.49										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	44.8	44.6	44.5	44.6	45.6	44.8	45.0	44.9	44.3	44.9	44.6	44.5	45.2
1978	45.0	44.2	44.3	44.9	44.7	44.6	44.6	45.6	45.2	45.5	45.0	45.4	45.7
1979	45.1	45.4	45.1	44.9	45.3	45.1	45.1	45.2	45.0	44.6	44.9	45.2	45.3
1980	44.5	44.7	44.7	44.8	45.4	44.0	44.1	44.1	44.0	44.6	44.0	44.6	45.3
1981	44.7	44.5	44.5	44.5	44.8	45.0	44.9	44.9	44.3	44.6	44.4	44.1	44.4
1982		44.1	44.4										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	6.4	6.3	6.0	6.1	5.6	6.2	6.2	6.5	6.2	6.6	6.5	6.5	6.6
1978	6.6	6.5	6.3	6.4	6.4	6.2	6.1	7.0	6.8	7.3	6.8	6.9	7.0
1979	6.8	7.0	6.6	6.4	6.5	6.4	6.4	7.0	6.8	7.0	6.9	7.1	6.8
1980	6.5	6.8	6.6	6.5	6.8	6.0	5.9	6.9	6.3	7.0	6.5	6.7	6.6
1981	6.5	6.5	6.3	6.3	6.4	6.4	6.3	6.9	6.2	6.9	6.0	6.0	5.7
1982		6.2	5.9										

SIC 262—PAPER MILLS, EXCEPT BUILDING PAPER

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	175.7	175.5	174.6	175.0	176.1	176.8	177.0	178.5	178.9	176.1	174.0	172.0	172.0
1978	170.3	170.0	169.3	168.9	170.2	172.0	176.3	176.4	177.1	169.3	161.0	169.5	170.7
1979	176.8	170.4	173.2	176.4	176.4	176.9	179.8	180.7	180.8	177.6	176.3	176.6	176.3
1980	175.0	175.6	174.6	174.3	174.5	174.0	175.8	175.2	175.5	173.3	175.6	175.6	176.0
1981	175.1	173.7	172.6	173.6	174.2	174.9	176.5	176.6	176.0	177.4	173.7	173.9	172.6
1982		171.8	170.4										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	22.0	21.3	21.2	21.5	21.6	21.9	22.7	22.8	22.8	22.4	22.2	22.0	22.0
1978	22.4	21.7	21.6	21.5	21.8	22.5	23.5	24.0	23.0	22.4	21.4	22.5	22.7
1979	24.2	22.7	22.8	23.5	23.7	24.0	25.0	25.2	25.4	24.4	24.4	24.4	24.3
1980	24.6	24.2	24.2	24.1	24.2	24.5	24.8	25.3	25.2	24.4	24.7	24.8	25.0
1981	25.1	24.4	24.3	24.3	24.5	24.9	25.7	25.9	25.9	25.6	25.3	25.1	24.9
1982		24.5	24.2										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	133.6	133.2	132.4	132.6	133.5	134.3	136.4	136.2	136.8	134.5	132.3	130.2	130.5
1978	127.6	126.6	128.0	127.6	127.6	130.3	133.8	133.5	126.6	126.1	118.0	124.5	125.7
1979	131.5	125.1	128.4	131.1	131.4	131.7	134.2	134.7	134.7	132.4	131.2	131.3	131.2
1980	129.7	130.6	129.7	129.4	129.5	129.7	130.2	129.0	129.3	127.6	130.1	130.3	131.2
1981	130.5	129.5	128.5	129.2	129.7	130.1	133.4	133.4	132.7	132.7	129.1	129.4	127.9
1982		127.2	125.9										

See footnotes at end of tables.

SIC 262—PAPER MILLS, EXCEPT BUILDING PAPER (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	300.83	284.74	284.55	284.99	297.43	292.30	299.22	304.65	302.13	312.75	312.20	315.56	321.05
1978	336.58	315.06	319.16	323.18	322.65	324.18	334.06	345.79	340.50	349.61	350.49	354.19	356.01
1979	374.92	351.88	357.63	357.08	363.65	363.20	370.46	379.02	380.91	383.85	388.72	394.96	396.66
1980	408.14	390.57	392.79	392.37	404.80	398.50	396.94	410.32	409.73	423.41	420.91	431.66	438.35
1981	454.00	429.30	431.10	432.45	437.20	441.35	448.47	463.65	452.93	503.13	465.30	466.82	471.97
1982		466.47	469.35										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	6.70	6.37	6.38	6.39	6.48	6.51	6.62	6.77	6.80	6.95	7.00	7.06	7.11
1978	7.43	7.06	7.14	7.16	7.17	7.22	7.44	7.65	7.50	7.65	7.72	7.75	7.77
1979	8.24	7.76	7.86	7.90	7.94	8.00	8.16	8.33	8.39	8.53	8.60	8.66	8.66
1980	9.09	8.66	8.69	8.70	8.80	8.75	8.90	9.20	9.27	9.43	9.44	9.59	9.58
1981	10.00	9.54	9.58	9.61	9.63	9.70	9.90	10.19	10.11	10.57	10.34	10.42	10.41
1982		10.44	10.43										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	44.9	44.7	44.6	44.6	45.9	44.9	45.2	45.0	44.3	45.0	44.6	44.7	45.5
1978	45.3	44.5	44.7	45.2	45.0	44.9	44.9	45.8	45.4	45.7	45.4	45.7	45.8
1979	45.5	46.0	45.5	45.2	45.8	45.4	45.4	45.5	45.4	45.0	45.2	45.6	45.7
1980	44.9	45.1	45.2	45.1	46.0	44.4	44.6	44.6	44.2	44.9	44.4	45.0	45.4
1981	45.4	45.0	45.0	45.0	45.4	45.5	45.3	45.5	44.8	47.6	45.0	44.8	45.1
1982		44.7	45.0										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	6.4	6.3	6.1	6.1	6.7	6.2	6.3	6.6	6.3	6.5	6.4	6.5	6.6
1978	6.8	6.6	6.4	6.5	6.6	6.4	6.3	7.1	6.9	7.0	7.0	7.2	7.2
1979	6.8	7.3	6.7	6.5	6.5	6.5	6.7	7.0	6.9	7.1	7.0	7.2	6.8
1980	6.7	6.8	6.7	6.5	7.0	6.1	6.0	7.0	6.4	7.1	6.7	6.8	6.9
1981	6.8	6.7	6.5	6.6	6.6	6.6	6.5	7.2	5.4	9.3	6.3	6.2	6.0
1982		6.4	6.1										

SIC 263—PAPERBOARD MILLS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	66.9	66.6	66.9	65.5	66.2	66.6	66.7	66.9	68.1	67.1	67.4	67.5	66.1
1978	67.3	68.0	68.4	68.7	68.2	68.1	68.3	68.3	66.4	66.2	66.0	65.4	65.2
1979	65.5	64.3	65.3	64.9	64.7	65.2	66.5	66.2	66.6	65.7	65.5	64.8	66.1
1980	65.1	66.3	66.0	66.2	65.4	65.2	65.6	64.4	65.2	64.3	64.0	63.9	64.3
1981	63.4	64.0	63.7	63.7	63.6	63.5	64.3	63.9	64.3	63.6	62.7	61.6	61.8
1982		62.1	61.8										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.3	5.0	5.1	5.1	5.2	5.2	5.2	5.3	5.4	5.3	5.4	5.4	5.5
1978	5.8	5.4	5.6	5.7	5.6	5.6	6.0	6.1	6.0	5.8	5.8	5.7	5.8
1979	5.9	5.8	5.8	5.7	5.7	5.8	6.0	6.0	6.0	5.9	5.9	5.9	6.0
1980	6.0	6.0	6.0	6.0	6.0	5.9	6.1	6.0	6.0	6.0	6.0	5.9	5.9
1981	5.9	5.8	5.8	5.9	5.8	5.9	6.1	6.1	6.1	6.0	5.9	5.8	5.7
1982		5.7	5.7										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	52.4	52.5	52.4	51.0	51.5	52.0	52.0	52.1	53.3	52.6	53.0	52.9	53.3
1978	52.8	53.3	53.6	53.8	53.7	53.6	53.8	53.5	51.9	52.0	51.9	51.4	51.5
1979	51.9	50.9	51.8	51.7	51.5	52.2	53.0	52.5	52.9	52.1	51.7	50.8	51.1
1980	51.0	51.9	51.7	51.7	51.3	51.2	51.6	50.4	51.1	50.6	50.2	50.0	50.1
1981	49.7	50.0	49.7	49.8	49.8	49.8	50.5	50.0	50.5	50.3	49.2	48.5	48.4
1982		48.8	48.1										

SIC 263—PAPERBOARD MILLS (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	311.30	293.71	291.94	299.04	306.23	303.74	308.72	317.96	319.69	321.11	320.50	327.52	336.26
1978	340.66	328.70	323.51	323.25	326.19	328.55	344.25	348.10	346.66	350.95	356.80	364.14	352.72
1979	367.88	356.17	349.96	356.33	363.32	355.78	353.71	367.60	366.34	382.24	383.66	392.05	392.46
1980	404.30	395.87	386.31	388.49	395.45	386.01	402.81	417.19	414.40	418.13	423.70	435.73	448.02
1981	450.12	436.10	429.13	433.29	441.44	433.87	440.48	456.57	446.61	490.82	459.39	462.61	476.50
1982		481.42	467.72										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	6.94	6.63	6.62	6.69	6.79	6.72	6.80	7.05	7.12	7.12	7.17	7.23	7.31
1978	7.47	7.27	7.42	7.33	7.33	7.35	7.65	7.77	7.79	7.94	8.00	8.11	8.09
1979	8.06	8.04	7.95	8.08	8.22	8.16	8.15	8.47	8.48	8.71	8.68	8.84	8.82
1980	9.03	8.83	8.84	8.89	9.07	9.04	9.26	9.46	9.44	9.46	9.50	9.64	9.89
1981	10.03	9.80	9.82	9.87	10.01	10.02	10.22	10.52	10.22	10.74	10.37	10.49	10.66
1982		10.71	10.63										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	45.0	44.3	44.1	44.7	45.1	45.2	45.4	45.1	44.9	45.1	44.7	45.3	46.0
1978	44.6	44.6	43.6	44.1	44.5	44.7	45.0	44.8	44.5	44.2	44.6	44.9	43.6
1979	43.9	44.3	43.5	44.1	44.2	43.6	43.4	43.4	43.2	44.0	44.2	44.5	44.5
1980	44.3	43.7	43.7	43.7	43.6	42.7	43.5	44.1	43.9	44.2	44.6	45.2	45.3
1981	44.0	44.5	43.7	43.9	44.1	43.3	43.1	43.4	43.7	45.7	44.3	44.1	44.7
1982		44.7	44.0										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	7.0	6.9	6.9	7.0	7.2	6.9	6.8	7.2	7.1	7.1	6.9	6.9	7.6
1978	7.3	7.5	7.6	7.0	6.9	7.1	7.5	7.7	7.3	7.2	7.4	7.5	7.1
1979	7.1	7.3	6.7	6.8	6.9	7.2	7.1	7.2	6.9	7.2	7.3	7.5	7.3
1980	7.1	7.1	6.6	6.6	7.0	6.3	6.8	7.2	7.2	6.8	7.1	7.7	8.0
1981	7.3	7.3	6.8	7.1	7.4	7.2	7.3	7.4	6.8	9.6	7.1	6.6	7.5
1982		8.3	7.4										

SIC 264—MISC. CONVERTED PAPER PRODUCTS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	210.2	202.1	204.0	205.6	207.7	209.7	213.3	209.9	213.2	214.0	214.3	214.4	213.9
1978	217.3	210.6	213.2	216.0	217.8	220.3	222.1	219.3	220.6	219.0	218.6	217.4	216.8
1979	222.4	216.0	216.6	218.0	220.2	220.9	224.6	222.7	225.7	223.7	224.0	223.3	221.2
1980	219.6	221.0	220.1	223.9	222.9	220.1	220.6	215.5	218.0	218.2	218.3	217.6	216.4
1981	219.7	216.2	217.9	218.7	219.7	220.1	221.7	220.9	222.2	222.9	220.4	217.9	218.2
1982		216.1	216.1										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	71.6	67.7	68.8	69.3	70.1	71.0	73.0	71.5	73.2	73.5	73.9	74.1	73.3
1978	76.1	73.1	73.6	74.6	76.0	77.7	78.0	76.0	77.4	77.4	76.9	76.7	75.6
1979	77.5	75.5	75.2	76.4	77.2	77.3	79.1	77.8	79.4	78.9	78.9	78.0	76.6
1980	76.5	75.6	76.5	78.0	78.1	76.9	77.0	75.2	75.9	75.9	76.6	76.0	75.3
1981	77.9	75.6	76.2	77.3	78.1	78.4	78.8	78.8	79.8	79.8	78.1	76.7	77.1
1982		75.4	76.8										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	147.5	140.5	142.3	143.6	145.5	147.1	150.2	146.5	149.9	151.1	151.2	151.7	150.9
1978	155.9	149.3	150.1	152.2	154.4	157.2	159.8	156.9	158.6	158.1	158.4	157.6	158.0
1979	163.7	157.9	158.4	158.8	161.1	162.0	166.4	165.7	168.3	167.0	166.9	166.4	165.0
1980	162.7	163.8	163.2	167.1	166.2	163.4	163.7	158.7	161.5	161.6	161.0	160.4	159.4
1981	161.7	159.2	160.1	161.4	161.9	162.1	164.2	163.0	163.8	164.2	161.4	159.3	159.2
1982		157.8	157.4										

See footnotes at end of tables.

SIC 264—MISC. CONVERTED PAPER PRODUCTS (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	219.60	207.03	210.23	212.79	213.50	214.43	223.33	219.89	222.19	225.35	226.59	227.29	235.34
1978	235.20	228.96	225.60	237.42	232.47	233.70	241.00	237.28	239.67	244.55	243.54	249.00	254.75
1979	259.34	249.06	249.29	252.77	241.96	253.58	260.21	259.56	262.86	264.27	264.66	268.21	280.45
1980	279.73	272.74	271.58	273.62	269.34	271.48	275.49	274.82	279.10	284.01	285.73	290.50	305.87
1981	310.02	300.03	298.33	306.53	297.82	301.38	310.24	310.13	314.00	317.34	318.20	322.64	331.10
1982		317.60	323.57										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.33	5.15	5.14	5.19	5.22	5.23	5.33	5.35	5.38	5.43	5.46	5.49	5.59
1978	5.62	5.64	5.64	5.68	5.67	5.70	5.78	5.83	5.86	5.95	5.93	6.00	6.08
1979	6.31	6.09	6.11	6.15	6.11	6.20	6.27	6.30	6.38	6.43	6.44	6.51	6.63
1980	6.89	6.62	6.64	6.69	6.70	6.77	6.87	6.94	6.96	7.03	7.09	7.13	7.30
1981	7.56	7.30	7.33	7.33	7.39	7.46	7.53	7.62	7.64	7.74	7.78	7.85	7.94
1982		7.96	7.95										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	41.2	40.2	40.9	41.0	40.9	41.0	41.9	41.1	41.3	41.5	41.5	41.4	42.1
1978	41.1	40.6	40.0	41.8	41.0	41.0	41.7	40.7	40.9	41.1	40.9	41.5	41.9
1979	41.1	40.9	40.8	41.1	39.6	40.9	41.5	41.2	41.2	41.1	41.1	41.2	42.3
1980	40.6	41.2	40.9	40.9	40.2	40.1	40.1	39.6	40.1	40.8	40.3	40.8	41.9
1981	40.9	41.1	40.7	41.0	40.3	40.4	41.2	40.7	41.1	41.0	40.9	41.1	41.7
1982		39.9	40.7										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.6	3.3	3.3	3.4	3.3	3.2	3.7	3.5	3.8	3.8	3.8	3.7	4.0
1978	3.9	3.7	3.8	3.9	3.7	3.6	3.8	3.6	3.8	4.3	4.0	4.1	3.9
1979	3.4	3.6	3.5	3.5	2.4	3.2	3.5	3.5	3.7	3.7	3.5	3.4	3.6
1980	2.5	3.4	3.1	3.1	2.8	2.5	2.6	2.5	2.9	3.0	2.8	3.0	3.2
1981	2.8	3.0	2.9	2.8	2.4	2.6	2.9	2.7	2.9	3.0	2.9	2.9	2.9
1982		2.6	2.6										

SIC 2641—PAPER COATING AND GLAZING

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	54.3	53.2	53.5	53.5	53.7	54.2	54.8	54.8	55.0	54.5	54.7	54.7	54.7
1978	55.7	54.7	54.7	55.0	55.2	56.1	56.5	56.2	56.3	56.4	55.9	55.5	56.1
1979	57.7	55.8	56.1	56.1	57.0	57.4	58.7	58.6	59.5	58.6	58.4	58.3	57.8
1980	56.2	57.6	57.3	57.1	56.6	55.6	55.9	55.4	55.6	55.5	55.5	55.5	56.0
1981	55.8	55.2	55.5	55.3	55.7	55.8	56.2	55.6	56.1	55.9	55.7	56.2	55.9
1982		55.0	55.4										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	26.4	26.3	26.5	26.2	26.2	26.3	26.7	26.6	26.7	26.4	26.4	26.6	26.4
1978	29.7	26.3	26.3	26.5	27.7	28.8	30.2	29.7	30.6	31.7	32.2	32.6	33.9
1979	36.6	34.1	34.5	33.8	34.8	35.6	37.3	37.8	39.0	38.3	38.2	38.0	38.2
1980	36.4	37.8	37.6	37.3	37.0	36.4	36.4	35.7	35.7	35.7	35.6	35.7	36.2
1981	35.9	35.6	35.3	35.4	35.7	35.8	36.4	36.2	36.4	36.2	35.7	36.0	35.6
1982		34.7	34.7										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	261.14	244.36	247.55	252.95	253.62	256.34	267.01	257.65	264.31	267.50	270.29	269.66	284.85
1978	288.61	274.77	274.78	283.39	280.58	283.82	296.34	283.57	290.98	293.18	295.31	299.15	303.79
1979	309.23	298.16	302.84	308.52	288.91	306.75	318.71	309.06	310.64	315.08	311.18	308.72	327.36
1980	316.58	313.90	307.94	312.91	302.50	312.83	315.33	299.05	306.68	316.24	321.53	333.98	353.22
1981	362.95	343.96	343.28	346.46	344.86	353.22	362.06	360.81	365.08	375.78	376.58	384.07	394.71
1982		383.30	382.12										

SIC 2641—PAPER COATING AND GLAZING (Con.)

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	6.13	5.86	5.88	5.98	6.01	6.06	6.11	6.12	6.19	6.25	6.33	6.36	6.41
1978	6.65	6.45	6.42	6.47	6.48	6.48	6.60	6.61	6.72	6.85	6.82	6.83	6.92
1979	7.06	6.87	6.93	6.98	6.83	6.94	7.02	7.04	7.06	7.21	7.22	7.23	7.34
1980	7.61	7.30	7.28	7.38	7.36	7.52	7.58	7.59	7.61	7.77	7.90	7.99	8.12
1981	8.52	8.17	8.21	8.21	8.27	8.39	8.42	8.55	8.59	8.78	8.84	8.87	8.93
1982		9.04	8.97										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	42.6	41.7	42.1	42.3	42.2	42.3	43.7	42.1	42.7	42.8	42.7	42.4	44.3
1978	43.4	42.6	42.8	43.8	43.3	43.8	44.9	42.9	43.3	42.8	43.3	43.8	43.9
1979	43.8	43.4	43.7	44.2	42.3	44.2	45.4	43.9	44.0	43.7	43.1	42.7	44.6
1980	41.6	43.0	42.3	42.4	42.1	41.6	41.6	39.4	40.3	40.7	40.7	41.8	43.5
1981	42.6	42.1	41.8	42.2	41.7	42.1	43.0	42.2	42.5	42.8	42.6	43.3	44.2
1982		42.4	42.6										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.8	4.5	4.4	4.5	4.5	4.1	5.1	4.4	4.9	5.1	5.0	5.1	5.8
1978	5.5	5.4	5.3	5.4	5.4	5.2	5.6	5.0	5.5	5.1	5.8	5.7	5.3
1979	4.9	5.4	5.7	5.6	3.6	4.9	5.4	4.9	5.2	5.1	4.9	4.4	5.0
1980	3.3	4.3	3.7	3.6	3.2	3.0	3.0	2.5	3.1	3.2	3.2	3.3	3.4
1981	3.1	3.2	2.9	3.1	2.7	3.0	3.2	3.0	3.2	3.3	3.0	3.3	3.1
1982		2.8	2.6										

SIC 2642—ENVELOPES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	23.6	23.0	23.2	23.4	23.4	23.6	23.6	23.1	23.6	23.9	23.8	24.0	24.1
1978	24.1	24.2	24.0	24.2	24.2	24.2	24.4	23.4	24.1	23.8	24.2	24.3	24.4
1979	24.6	24.4	24.5	24.5	24.5	24.3	24.9	23.9	24.6	24.8	24.8	25.1	25.2
1980	25.1	24.8	25.5	25.6	25.5	25.3	25.2	24.1	24.9	25.0	24.9	25.0	25.1
1981	25.4	25.4	25.5	25.7	25.6	25.4	25.3	25.0	25.1	25.4	25.4	25.5	25.6
1982		25.5	25.3										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	18.6	18.1	18.2	18.4	18.4	18.6	18.6	18.3	18.7	18.9	18.9	19.2	19.2
1978	19.0	19.1	19.0	19.1	19.1	19.1	19.2	18.3	18.9	18.7	19.1	19.0	19.2
1979	19.5	19.1	19.2	19.2	19.3	19.0	19.7	18.9	19.6	19.7	19.8	20.0	20.1
1980	19.7	19.6	20.0	20.1	20.1	20.0	20.0	18.8	19.5	19.5	19.6	19.7	19.6
1981	19.8	19.9	19.9	20.1	20.1	20.0	19.8	19.4	19.4	19.8	19.6	19.8	19.8
1982		19.8	19.7										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	203.41	196.09	200.57	200.24	198.80	201.38	206.04	200.84	202.19	203.31	206.76	208.79	212.16
1978	217.48	208.03	207.50	210.40	212.93	213.46	215.06	217.46	217.06	218.90	221.05	231.69	236.88
1979	235.35	228.83	230.45	230.28	224.62	231.64	237.69	234.77	233.20	236.21	238.60	243.81	252.34
1980	250.17	245.41	243.76	243.79	244.73	244.11	245.46	243.36	248.29	254.40	257.84	261.63	272.00
1981	281.99	269.47	269.74	272.70	273.60	278.88	280.19	277.11	288.05	281.90	290.97	295.71	303.05
1982		292.99	298.89										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.01	4.89	4.88	4.92	4.97	4.96	5.05	4.96	4.98	5.07	5.08	5.13	5.20
1978	5.41	5.24	5.28	5.26	5.31	5.31	5.31	5.45	5.44	5.50	5.54	5.61	5.64
1979	5.84	5.65	5.69	5.70	5.73	5.82	5.84	5.84	5.83	5.92	5.95	6.02	6.11
1980	6.27	6.12	6.14	6.11	6.18	6.18	6.23	6.24	6.27	6.36	6.43	6.46	6.57
1981	6.98	6.67	6.71	6.75	6.84	6.92	6.97	6.98	7.06	7.03	7.22	7.23	7.32
1982		7.38	7.38										

See footnotes at end of tables.

SIC 2642—ENVELOPES (Con.)

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	40.6	40.1	41.1	40.7	40.0	40.6	40.8	40.5	40.6	40.1	40.7	40.7	40.6
1978	40.2	39.7	39.3	40.0	40.1	40.2	40.5	39.9	39.9	39.8	39.9	41.3	40.2
1979	40.3	40.5	40.5	40.4	39.2	39.8	40.7	40.2	40.0	39.9	40.1	40.5	41.0
1980	39.9	40.1	39.7	39.9	39.6	39.5	39.4	39.0	39.6	40.0	40.1	40.3	41.4
1981	40.4	40.4	40.2	40.4	40.0	40.3	40.2	39.7	40.8	40.1	40.3	40.9	41.8
1982		39.7	40.5										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	2.7	2.5	2.8	2.7	2.3	2.5	2.5	2.4	2.8	3.1	3.0	2.8	3.0
1978	3.2	2.8	2.9	3.1	3.0	2.9	3.0	2.9	3.3	3.5	3.4	3.6	3.3
1979	2.9	3.2	2.9	3.1	2.1	2.7	2.8	2.7	3.1	3.2	3.1	3.0	3.3
1980	2.5	3.4	2.9	2.8	2.6	2.1	2.2	1.7	2.1	2.5	2.2	2.3	3.2
1981	2.3	2.6	2.3	2.1	1.5	1.8	2.1	1.9	2.8	2.3	2.7	2.7	2.9
1982		2.5	2.4										

SIC 2643—BAGS, EXCEPT TEXTILE BAGS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	47.4	46.4	46.6	46.6	46.8	46.8	47.4	46.2	47.6	48.7	48.7	48.3	48.7
1978	49.1	48.4	48.6	49.0	49.2	48.8	48.8	48.2	49.1	49.1	49.5	49.9	50.3
1979	50.8	50.3	50.1	50.2	50.4	50.4	50.8	50.6	51.1	50.7	51.1	51.6	52.1
1980	49.9	51.8	51.5	51.5	50.8	49.9	49.1	47.0	48.5	49.1	49.4	49.6	50.1
1981	50.0	49.9	50.2	49.9	49.8	49.6	49.6	49.1	49.9	50.6	50.4	50.4	50.9
1982		50.3	50.2										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	37.7	36.9	37.0	37.0	37.2	37.2	37.6	36.4	37.5	38.9	38.8	38.5	38.8
1978	38.7	38.5	38.5	38.9	38.9	38.7	38.6	38.0	38.6	38.6	38.5	38.8	39.2
1979	39.7	39.3	39.1	39.1	39.3	39.2	39.8	39.5	39.7	39.6	39.7	40.6	41.0
1980	38.7	40.4	40.2	40.3	39.7	38.7	38.0	35.8	37.4	38.1	38.3	38.7	39.1
1981	39.0	39.2	39.4	39.1	38.9	38.6	38.8	38.1	39.0	39.5	39.2	39.2	39.4
1982		39.1	39.1										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	212.90	198.36	200.49	202.54	207.50	206.50	214.80	219.34	217.78	216.60	215.02	221.43	232.52
1978	230.18	219.50	216.94	226.87	220.05	223.04	231.30	232.82	236.44	240.09	235.87	239.13	242.68
1979	246.97	238.46	236.16	238.14	228.31	240.85	244.73	249.60	250.88	251.74	254.20	260.20	269.41
1980	267.90	262.50	257.22	256.54	256.24	258.24	261.70	271.32	273.21	273.10	276.81	280.48	292.92
1981	292.13	283.32	285.52	284.13	280.40	284.52	288.26	290.80	296.70	295.14	300.94	306.27	312.28
1982		298.80	304.21										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.13	4.91	4.89	4.94	5.00	5.00	5.09	5.21	5.21	5.27	5.27	5.31	5.42
1978	5.56	5.38	5.41	5.48	5.42	5.44	5.56	5.61	5.67	5.73	5.67	5.68	5.71
1979	5.98	5.76	5.76	5.78	5.75	5.86	5.94	6.00	6.06	6.14	6.14	6.21	6.28
1980	6.55	6.28	6.32	6.35	6.39	6.44	6.51	6.65	6.68	6.71	6.76	6.71	6.88
1981	7.16	6.86	6.93	6.93	7.01	7.06	7.10	7.27	7.29	7.36	7.34	7.38	7.40
1982		7.47	7.53										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	41.5	40.4	41.0	41.0	41.5	41.3	42.2	42.1	41.8	41.1	40.8	41.7	42.5
1978	41.4	40.8	40.1	41.4	40.6	41.0	41.6	41.5	41.7	41.9	41.6	42.1	42.5
1979	41.3	41.4	41.0	41.2	39.5	41.1	41.2	41.6	41.4	41.0	41.4	41.9	42.6
1980	40.9	41.8	40.7	40.4	40.1	40.1	40.2	40.8	40.9	40.7	40.8	41.8	42.7
1981	40.8	41.3	41.2	41.0	40.0	40.3	40.6	40.0	40.7	40.1	41.0	41.5	42.2
1982		40.0	40.4										

SIC 2643—BAGS, EXCEPT TEXTILE BAGS (Con.)

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.6	3.0	3.1	3.2	3.3	3.1	3.6	3.8	3.8	3.6	3.8	3.9	4.6
1978	3.7	3.7	3.5	3.8	3.1	3.3	3.6	3.6	3.8	4.2	3.8	4.1	4.1
1979	3.4	3.6	3.5	3.5	3.4	3.1	3.3	3.6	3.5	3.7	3.5	3.6	3.9
1980	3.0	3.0	3.1	2.9	3.4	2.3	2.4	2.6	3.1	3.1	3.0	3.4	3.6
1981	3.0	3.2	3.0	2.9	3.4	2.6	2.7	2.5	3.0	3.2	3.3	3.3	3.3
1982			2.8	2.8									

SIC 265—PAPERBOARD CONTAINERS AND BOXES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	209.1	206.3	208.2	209.1	208.9	209.2	213.2	208.9	210.8	210.7	211.1	211.5	211.6
1978	213.5	209.8	209.1	208.9	211.1	212.2	216.5	212.3	214.7	215.3	216.7	217.0	217.3
1979	214.0	214.2	214.2	213.9	213.9	213.4	216.3	212.7	213.0	213.8	214.7	213.7	213.0
1980	204.9	211.6	210.0	208.9	208.0	205.3	204.4	198.0	200.8	202.5	202.0	203.2	203.3
1981	201.5	202.4	200.0	200.9	201.6	202.1	203.4	199.7	202.9	204.5	201.9	200.0	196.3
1982		193.5	191.9										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	49.4	48.0	48.0	48.3	48.9	50.0	51.0	49.3	50.3	50.6	51.1	51.1	51.0
1978	50.9	49.8	49.7	49.8	50.6	50.8	51.4	49.6	50.8	51.3	52.2	52.5	52.3
1979	51.3	51.4	50.9	51.1	51.4	51.0	52.3	50.7	50.8	51.2	51.7	51.2	50.7
1980	49.0	50.3	49.8	49.6	49.7	49.2	48.8	46.5	46.1	48.6	48.9	49.3	49.5
1981	44.6	48.4	48.2	48.3	48.7	48.8	48.8	48.0	49.5	49.7	49.0	48.3	47.1
1982		45.9	45.3										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	161.0	157.8	156.8	157.7	158.9	161.2	165.3	160.8	162.3	162.4	162.5	163.0	163.0
1978	164.9	162.3	161.2	161.6	162.9	163.9	167.8	163.6	166.0	166.2	168.0	168.3	168.5
1979	165.4	166.4	165.5	165.2	165.3	164.7	167.7	164.4	164.5	165.4	166.2	165.3	164.7
1980	156.6	162.9	161.6	160.8	159.6	157.2	156.3	150.2	153.1	154.6	154.5	155.3	155.6
1981	153.8	154.7	154.5	153.5	153.9	154.5	155.6	152.1	155.2	156.8	154.1	152.5	148.6
1982		145.6	144.4										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	224.05	208.35	211.34	215.06	218.40	221.76	227.16	222.73	227.10	232.90	232.52	232.94	237.71
1978	247.97	230.16	230.61	241.11	241.81	243.34	250.06	248.95	251.93	257.05	255.25	259.86	263.84
1979	263.08	253.17	249.49	255.44	243.10	256.66	264.38	261.76	268.09	274.07	271.23	276.78	284.99
1980	285.93	277.72	276.71	277.12	274.32	275.93	278.47	278.20	287.45	294.65	295.07	302.70	316.39
1981	312.50	308.59	299.62	300.85	306.36	311.32	315.75	313.88	316.58	316.00	317.54	316.11	323.79
1982		309.66	317.95										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.36	5.17	5.18	5.22	5.25	5.28	5.32	5.38	5.42	5.48	5.51	5.52	5.58
1978	5.85	5.60	5.68	5.70	5.73	5.78	5.87	5.97	5.97	6.02	6.02	6.10	6.15
1979	6.37	6.13	6.13	6.17	6.17	6.26	6.34	6.40	6.46	6.51	6.52	6.59	6.69
1980	6.64	6.66	6.70	6.71	6.74	6.83	6.91	6.99	7.08	7.10	7.11	7.19	7.29
1981	7.53	7.33	7.29	7.32	7.40	7.43	7.50	7.60	7.61	7.67	7.67	7.71	7.84
1982		7.94	7.87										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	41.8	40.3	40.8	41.2	41.6	42.0	42.7	41.4	41.9	42.5	42.2	42.2	42.6
1978	42.1	41.1	40.6	42.3	42.2	42.1	42.6	41.7	42.2	42.7	42.4	42.6	42.9
1979	41.3	41.3	40.7	41.4	39.4	41.0	41.7	40.9	41.5	42.1	41.6	42.0	42.6
1980	41.2	41.7	41.3	41.3	40.7	40.4	40.3	39.8	40.6	41.5	41.5	42.1	43.4
1981	41.5	42.1	41.1	41.1	41.4	41.9	42.1	41.3	41.6	41.2	41.4	41.0	41.3
1982		39.0	40.4										

SIC 265—PAPERBOARD CONTAINERS AND BOXES (Con.)

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.8	3.2	3.1	3.3	3.5	3.8	4.0	3.7	4.0	4.3	4.3	4.0	4.1
1978	4.2	3.7	4.0	4.1	4.0	3.9	4.3	4.2	4.4	4.6	4.6	4.4	4.3
1979	3.6	3.6	3.2	3.6	2.5	3.2	3.7	3.5	4.0	4.3	4.0	3.9	3.9
1980	2.6	2.2	2.0	2.2	2.1	2.0	1.9	2.3	2.9	3.4	3.3	3.5	4.0
1981	3.4	3.7	3.2	3.1	3.2	3.5	3.6	3.4	3.8	3.7	3.4	3.0	3.0
1982		2.9	2.7										

SIC 2651—FOLDING PAPERBOARD BOXES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	43.0	41.9	41.4	41.6	42.2	42.5	43.2	42.9	43.4	43.7	44.0	44.1	44.6
1978	45.3	44.6	44.3	44.7	44.9	44.8	45.6	45.1	45.8	46.0	46.2	45.9	46.0
1979	44.4	45.6	45.0	45.1	44.9	44.4	44.7	44.2	44.0	44.2	44.3	43.5	43.4
1980	42.3	42.6	42.6	42.2	42.1	41.9	42.2	41.2	41.8	42.5	42.6	42.7	42.9
1981	43.0	42.6	42.6	42.0	42.7	43.1	43.4	42.6	43.7	44.0	43.2	43.1	42.8
1982		42.4	42.3										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	34.0	33.2	32.7	32.9	33.4	33.8	34.3	33.9	34.4	34.6	34.9	34.9	35.3
1978	36.0	35.1	35.1	35.3	35.6	35.5	36.4	35.6	36.4	36.6	37.0	36.8	36.9
1979	35.4	36.3	35.9	35.9	35.8	35.4	35.7	35.1	35.1	35.3	35.2	34.5	34.5
1980	33.4	33.8	33.8	33.5	33.3	33.1	33.4	32.2	32.8	33.5	33.6	33.6	33.9
1981	33.5	33.5	33.5	32.7	33.2	33.7	33.9	33.1	34.2	34.4	33.6	33.4	33.1
1982		32.7	32.7										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	231.97	216.89	222.49	222.26	222.38	223.51	233.45	227.84	235.20	240.41	242.10	245.10	251.41
1978	260.04	237.80	241.94	254.29	252.36	252.70	265.61	267.22	262.84	272.12	264.12	270.24	279.59
1979	268.27	258.54	253.78	253.37	244.22	260.53	268.92	267.08	272.24	279.18	278.88	281.82	302.03
1980	295.24	284.76	280.13	279.75	280.84	287.45	288.97	293.25	301.29	300.66	302.21	309.21	335.53
1981	320.19	314.07	306.03	316.40	312.08	317.52	326.74	324.73	321.68	319.30	320.80	324.90	338.35
1982		301.02	321.53										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.51	5.29	5.31	5.33	5.32	5.36	5.48	5.53	5.60	5.67	5.71	5.70	5.74
1978	6.09	5.73	5.93	5.90	5.91	5.96	6.12	6.20	6.17	6.27	6.20	6.27	6.34
1979	6.48	6.26	6.22	6.21	6.23	6.37	6.48	6.53	6.56	6.60	6.64	6.71	6.88
1980	7.08	6.78	6.75	6.79	6.80	6.96	7.10	7.17	7.26	7.21	7.23	7.31	7.54
1981	7.66	7.46	7.41	7.48	7.52	7.56	7.67	7.75	7.77	7.75	7.73	7.81	7.98
1982		7.88	7.90										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	42.1	41.0	41.9	41.7	41.8	41.7	42.6	41.2	42.0	42.4	42.4	43.0	43.8
1978	42.7	41.5	40.8	43.1	42.7	42.4	43.4	43.1	42.6	43.4	42.6	43.1	44.1
1979	41.4	41.3	40.8	40.8	39.2	40.3	41.5	40.9	41.5	42.3	42.0	42.0	43.9
1980	41.7	42.0	41.5	41.2	41.3	41.3	40.7	40.9	41.5	41.7	41.8	42.3	44.5
1981	41.8	42.1	41.3	42.3	41.5	42.0	42.6	41.9	41.4	41.2	41.5	41.6	42.4
1982		38.2	40.7										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.7	3.3	3.5	3.3	3.2	3.2	3.7	3.2	4.1	4.3	4.4	4.1	4.5
1978	4.7	3.9	4.5	4.7	4.4	4.2	4.9	5.2	4.6	5.3	4.9	4.6	4.8
1979	3.4	3.5	2.9	3.1	1.9	2.9	3.4	3.4	3.8	4.0	3.8	3.6	4.1
1980	3.7	3.4	3.2	3.3	3.2	3.4	3.1	3.5	4.0	3.9	3.9	4.0	5.1
1981	3.8	4.0	3.4	4.0	3.7	4.0	4.2	3.9	3.8	3.6	3.5	3.3	3.9
1982		3.0	2.6										

See footnotes at end of tables

SIC 2653—CORRUGATED AND SOLID FIBER BOXES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	104.1	102.4	101.9	102.5	102.8	103.9	105.9	104.3	105.0	105.1	105.0	105.4	105.1
1978	107.6	104.6	104.6	106.2	106.0	106.5	108.9	107.8	108.5	108.8	108.7	110.1	110.4
1979	110.4	110.2	109.8	109.9	109.5	109.8	111.1	110.3	110.5	110.8	111.1	111.0	110.7
1980	105.8	110.5	109.1	109.2	108.4	106.2	104.9	101.9	103.1	104.0	103.4	104.8	104.8
1981	103.4	104.4	104.5	103.6	103.4	103.5	104.4	102.7	103.6	104.5	103.6	102.3	100.4
1982		99.3	98.0										

PRODUCTION WORKERS—IN THOUSANDS

1977	76.5	75.0	74.3	75.0	75.2	76.2	78.3	76.6	77.1	77.4	77.3	77.7	77.6
1978	79.7	77.2	77.1	77.6	78.5	78.9	81.0	79.8	80.4	80.5	81.6	81.9	82.3
1979	81.9	82.0	81.5	81.5	81.3	81.3	82.4	81.9	82.0	82.3	82.6	82.8	82.3
1980	77.6	81.7	80.6	80.6	79.8	77.9	76.7	74.1	75.4	76.1	75.6	75.8	76.9
1981	76.0	76.5	76.6	76.3	75.9	76.0	76.8	75.1	76.3	77.4	76.4	75.4	73.5
1982		72.3	71.4										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

1977	237.44	220.73	221.68	226.59	232.13	235.88	239.69	235.76	242.25	241.51	247.39	246.96	251.12
1978	261.14	243.53	241.13	252.52	252.45	256.03	261.01	259.56	267.27	272.36	272.59	274.77	277.35
1979	278.14	267.30	263.86	273.23	267.26	269.86	276.61	275.37	283.82	291.18	286.44	290.66	293.71
1980	299.48	292.72	293.44	290.79	286.16	284.52	287.03	286.15	304.14	313.02	315.33	316.83	329.14
1981	327.76	327.23	314.08	312.30	319.07	325.08	329.52	328.34	338.40	336.94	338.10	331.29	335.58
1982		334.00	336.60										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

1977	5.60	5.41	5.42	5.46	5.54	5.55	5.51	5.60	5.66	5.71	5.74	5.77	5.84
1978	6.13	5.84	5.68	5.90	5.94	6.01	6.07	6.21	6.23	6.29	6.31	6.35	6.55
1979	6.67	6.41	6.42	6.49	6.48	6.55	6.67	6.70	6.75	6.85	6.82	6.86	6.96
1980	7.21	6.92	6.97	6.94	6.98	7.06	7.14	7.24	7.40	7.40	7.43	7.49	7.55
1981	7.66	7.61	7.55	7.58	7.67	7.74	7.79	7.95	8.00	8.08	8.05	8.08	8.20
1982		8.35	8.25										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

1977	42.4	40.6	40.9	41.5	41.9	42.5	43.5	42.1	42.6	43.7	43.1	42.8	43.0
1978	42.6	41.7	41.5	42.8	42.5	42.6	43.0	41.6	42.9	43.3	43.2	43.0	43.0
1979	41.7	41.7	41.1	42.1	39.7	41.2	41.8	41.1	41.8	41.8	42.0	42.4	42.2
1980	41.6	42.3	42.1	41.9	41.0	40.3	40.2	39.8	41.1	42.3	42.4	42.3	43.6
1981	41.7	43.0	41.6	41.2	41.6	42.0	42.3	41.3	42.3	41.7	42.0	41.0	40.9
1982		40.0	40.8										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

1977	4.3	3.6	3.3	3.7	4.1	4.3	4.6	4.2	4.5	5.1	5.0	4.5	4.5
1978	4.6	4.2	4.3	4.4	4.3	4.3	4.7	4.4	4.9	5.4	5.2	4.8	4.7
1979	4.1	4.0	3.6	4.2	2.5	3.6	4.2	4.1	4.5	5.1	4.6	4.3	4.0
1980	2.1	1.2	1.1	1.4	1.2	1.2	1.1	1.7	2.7	3.4	3.5	3.6	4.0
1981	3.6	4.0	3.2	3.0	3.2	3.6	3.7	3.5	4.3	4.3	3.9	3.2	3.0
1982		3.4	3.1										

SIC 2654—SANITARY FOOD CONTAINERS

ALL EMPLOYEES—IN THOUSANDS

1977	29.4	28.9	29.4	29.4	29.7	30.2	31.0	29.7	29.6	29.0	29.0	28.6	28.5
1978	27.8	28.2	27.9	28.0	28.1	28.0	28.4	27.6	27.6	27.2	27.1	27.6	27.2
1979	25.7	26.9	26.8	26.9	27.0	27.1	27.4	26.7	26.6	26.2	26.4	26.3	26.4
1980	25.9	26.7	26.7	26.7	26.4	26.3	26.1	25.4	25.6	25.4	25.2	25.3	25.3
1981	25.1	25.3	25.3	25.4	25.5	25.8	25.7	25.3	25.4	24.9	24.6	24.2	24.3
1982		23.9	23.9										

See footnotes at end of tables.

SIC 2654—SANITARY FOOD CONTAINERS (Con.)

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	24.1	23.6	24.1	24.0	24.2	24.3	25.5	24.7	24.1	23.6	23.8	24.1	24.1
1978	23.0	23.4	23.1	23.1	23.1	23.0	23.5	23.2	23.5	23.5	23.5	23.5	23.5
1979	23.1	23.1	23.1	23.0	23.0	23.0	23.4	23.0	23.2	23.2	23.2	23.2	23.2
1980	22.3	23.2	23.1	23.0	22.8	22.6	22.3	22.0	22.1	22.2	22.1	22.1	22.1
1981	21.9	22.1	22.1	22.0	21.9	21.9	22.1	21.8	22.0	22.1	22.0	22.0	22.0
1982		21.0	20.9										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

1977	210.13	193.64	194.44	200.37	207.67	214.36	218.36	212.28	218.60	214.76	222.22	224.62	230.76
1978	236.78	214.82	214.09	224.56	226.56	227.22	232.61	227.82	229.91	230.13	236.56	234.17	237.42
1979	247.82	237.58	229.82	235.25	231.36	237.61	246.94	247.24	252.46	257.16	253.33	256.10	259.84
1980	271.19	264.87	266.01	262.07	261.20	265.94	273.61	281.46	275.72	281.11	279.45	281.21	284.37
1981	299.06	291.04	287.73	291.44	294.22	304.09	314.99	302.87	298.52	295.33	295.42	293.24	292.54
1982		288.60	283.02										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

1977	5.20	4.95	4.91	4.96	4.98	5.06	5.15	5.14	5.19	5.20	5.24	5.25	5.31
1978	5.45	5.32	5.20	5.36	5.42	5.45	5.53	5.52	5.54	5.54	5.56	5.57	5.64
1979	5.68	5.49	5.47	5.71	5.72	5.81	5.83	5.93	5.90	6.08	6.03	6.07	6.08
1980	6.04	5.78	5.78	5.89	6.03	6.03	6.01	6.02	6.04	6.09	6.07	6.09	6.13
1981	6.31	6.18	6.16	6.19	6.29	6.33	6.39	6.33	6.40	6.41	6.43	6.44	6.49
1982		7.40	7.38										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

1977	41.2	39.6	39.5	40.6	41.7	42.5	42.0	41.0	42.0	41.2	41.4	41.3	41.4
1978	41.3	40.3	40.1	41.8	41.8	41.7	42.1	41.0	41.5	41.9	40.6	41.1	41.3
1979	41.4	40.7	40.0	41.2	38.7	40.9	42.7	41.7	42.0	41.4	41.0	41.4	41.3
1980	41.3	40.9	40.3	40.7	40.0	40.9	41.4	39.5	41.4	42.1	41.2	41.7	42.1
1981	42.3	42.3	41.7	42.0	42.2	43.1	43.2	42.9	42.4	41.8	41.1	41.6	41.3
1982		39.0	41.1										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

1977	3.1	3.3	3.1	3.6	3.1	3.8	3.8	3.6	4.3	3.4	3.6	3.7	3.9
1978	3.4	3.0	3.2	3.4	3.6	3.2	3.5	3.9	4.0	3.9	3.4	3.7	3.9
1979	3.2	3.0	2.8	3.2	2.3	3.1	3.3	3.5	3.6	3.5	3.1	3.4	3.3
1980	3.1	2.8	2.9	2.9	3.1	3.4	2.6	3.0	3.5	3.7	3.4	3.7	3.9
1981	3.2	3.5	3.2	3.0	3.3	3.7	4.0	3.4	3.5	3.1	2.5	2.4	2.5
1982		2.4	2.4										

SIC 27—PRINTING AND PUBLISHING

ALL EMPLOYEES—IN THOUSANDS

1977	1,141.4	1,114.1	1,119.0	1,122.8	1,129.7	1,134.7	1,141.6	1,141.6	1,146.9	1,151.9	1,157.7	1,160.7	1,159.9
1978	1,192.0	1,166.5	1,171.2	1,178.5	1,182.8	1,188.9	1,197.6	1,194.4	1,197.9	1,190.4	1,196.1	1,197.4	1,202.0
1979	1,235.1	1,217.8	1,222.2	1,225.7	1,226.3	1,229.1	1,237.0	1,237.7	1,236.1	1,235.9	1,241.1	1,242.4	1,247.1
1980	1,252.1	1,254.1	1,257.2	1,257.5	1,254.4	1,250.8	1,252.8	1,244.9	1,243.0	1,245.1	1,247.5	1,245.0	1,243.3
1981	1,265.8	1,252.1	1,255.6	1,258.3	1,259.9	1,259.9	1,264.0	1,264.0	1,265.9	1,270.0	1,274.5	1,274.4	1,280.1
1982		1,273.8	1,276.9										

WOMEN EMPLOYEES—IN THOUSANDS

1977	404.6	409.6	411.9	414.8	417.7	420.9	424.6	426.5	428.0	430.8	434.5	436.7	439.0
1978	453.1	436.9	440.0	446.5	448.7	451.3	453.4	452.7	455.9	454.7	461.0	460.4	470.1
1979	460.0	466.6	470.3	472.2	473.8	473.7	477.3	480.0	481.9	483.8	488.8	493.3	496.9
1980	496.7	494.7	496.0	496.0	496.9	496.0	496.8	493.9	493.1	494.5	495.9	500.9	504.1
1981	507.1	499.0	499.7	502.5	504.1	503.6	505.0	505.8	507.8	509.2	513.6	515.7	519.2
1982		515.1	517.2										

READEX FICHE

SIC 27—PRINTING AND PUBLISHING (Con.)

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	646.5	629.9	632.3	637.0	642.7	645.6	646.7	643.7	647.8	651.9	656.2	658.2	666.7
1978	671.3	658.4	662.1	667.6	671.2	673.2	673.9	670.9	673.1	665.8	673.0	681.9	691.5
1979	697.1	680.5	690.3	694.1	694.3	696.3	695.7	695.6	696.2	698.1	701.7	707.8	710.6
1980	698.5	704.9	706.4	705.6	703.5	697.7	697.2	689.1	690.8	694.3	693.5	697.6	706.2
1981	698.1	694.7	698.1	697.9	698.2	696.5	695.3	692.2	694.9	699.3	700.5	703.0	706.8
1982			698.7	700.9									

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	190.77	179.90	183.65	185.98	189.15	192.25	189.59	189.74	192.85	197.99	197.50	198.26	200.91
1978	204.78	193.64	196.43	199.52	202.18	204.00	202.45	204.11	206.94	212.22	210.61	214.89	217.76
1979	240.25	226.43	232.52	236.74	240.77	243.25	242.43	239.56	240.54	248.33	246.25	250.23	254.70
1980	279.28	269.23	269.73	273.05	269.74	274.17	273.42	276.74	283.46	287.16	287.56	289.42	299.85
1981	315.71	302.69	304.99	306.80	306.74	301.36	301.69	305.04	309.36	313.04	312.48	314.07	321.39
1982			312.31	317.58									

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	5.10	4.96	5.06	5.09	5.12	5.22	5.16	5.19	5.21	5.26	5.23	5.25	5.27
1978	5.37	5.21	5.29	5.36	5.39	5.41	5.46	5.51	5.55	5.62	5.63	5.69	5.73
1979	6.04	5.79	5.87	5.97	5.96	6.01	6.01	6.04	6.08	6.08	6.10	6.13	6.21
1980	6.51	6.24	6.26	6.36	6.33	6.43	6.45	6.52	6.62	6.73	6.73	6.79	6.87
1981	7.31	7.04	7.06	7.08	7.08	7.03	7.05	7.09	7.16	7.25	7.27	7.40	7.46
1982			7.32	7.42	7.50	7.48	7.51	7.62	7.72	7.81	7.83	7.87	7.93
1983	8.14	7.93	7.98	8.00	8.02	8.08	8.11	8.20	8.25	8.37	8.40	8.47	8.48
1984			8.18	8.28									

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	37.7	36.3	37.4	37.5	37.4	37.5	37.7	37.6	37.8	38.1	38.0	38.0	38.3
1978	37.5	36.4	37.0	37.5	37.5	37.2	37.5	37.7	38.1	37.8	38.1	38.1	38.3
1979	37.9	37.1	37.8	37.9	37.7	36.9	37.3	37.4	37.4	37.5	37.9	37.5	37.9
1980	37.5	37.1	37.3	37.0	36.8	36.9	36.7	36.8	37.2	37.2	37.2	37.2	37.3
1981	37.1	36.9	37.1	37.1	37.0	37.3	37.2	37.2	37.5	37.4	37.2	37.3	37.9
1982			36.4	37.1									

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	2.6	2.4	2.5	2.7	2.6	2.7	2.6	2.7	3.0	3.4	3.1	3.0	3.2
1978	3.0	2.6	2.8	3.1	2.9	2.7	2.8	2.9	3.2	3.5	3.3	3.3	3.3
1979	3.4	3.1	3.4	3.4	3.1	2.3	2.6	2.6	2.6	3.0	3.2	3.0	3.1
1980	2.9	2.9	2.9	2.7	2.7	2.3	2.3	2.1	2.2	2.5	2.6	2.5	2.5
1981	2.4	2.5	2.5	2.5	2.4	2.2	2.3	2.3	2.3	2.4	2.7	2.6	2.6
1982			2.2	2.5									

SIC 271—NEWSPAPERS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	395.6	388	389.9	389.0	389.5	392.5	396.6	397.7	398.4	399.6	399.6	401.9	403.7
1978	404.1	402.1	401.3	404.0	404.5	406.1	411.6	411.8	412.7	411.9	406.4	415.2	417.5
1979	420.1	419.1	417.6	416.4	417.4	417.9	422.3	421.8	420.1	419.5	421.4	424.6	424.7
1980	419.9	423.9	423.0	421.7	420.7	420.1	421.8	418.8	416.2	415.7	417.6	418.9	421.0
1981	421.3	417.0	414.0	417.4	417.2	419.9	422.1	422.7	423.3	422.6	420.4	426.9	429.6
1982			424.1	426.2									

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	130.3	127.6	129.0	129.0	128.9	130.1	132.5	133.6	133.9	134.5	135.1	136.3	137.5
1978	136.9	136.3	137.4	138.8	139.1	140.5	142.8	143.3	144.2	141.3	144.4	146.3	147.1
1979	147.2	146.8	147.9	148.4	147.7	147.9	150.5	151.9	152.3	152.5	154.5	155.8	157.0
1980	157.6	158.1	156.8	156.9	156.7	156.9	158.9	158.1	157.1	156.6	158.0	158.9	159.5
1981	160.0	157.6	157.6	157.7	157.8	159.2	161.0	161.5	162.2	162.1	164.1	165.0	165.7
1982			164.5	165.2									

See footnotes at end of tables.

SIC 271—NEWSPAPERS (Con.)

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	168.0	167.0	167.3	165.8	166.7	168.1	168.5	168.4	168.4	169.4	168.5	169.1	169.3
1978	165.3	167.0	166.7	166.3	166.1	166.4	167.5	166.6	166.5	156.5	160.1	166.3	167.0
1979	167.3	165.0	166.0	166.5	166.3	167.9	168.1	167.2	167.1	166.9	167.5	169.5	169.4
1980	163.5	167.6	166.8	165.2	164.6	163.6	163.2	161.0	160.6	161.1	161.9	162.9	164.0
1981	161.6	161.7	161.6	160.3	159.6	161.1	161.0	160.9	161.4	161.4	162.5	163.0	164.6
1982		161.7	161.4										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	224.33	213.32	215.94	217.67	221.68	221.05	225.04	225.01	225.35	229.08	231.47	233.53	235.25
1978	237.01	227.80	233.22	232.56	234.95	234.94	238.37	237.66	233.68	237.00	235.30	246.21	247.78
1979	251.46	239.23	244.90	243.85	245.86	254.16	253.53	251.37	252.96	253.66	255.35	262.20	261.29
1980	259.39	250.08	254.51	252.84	255.18	257.95	257.47	257.04	259.49	260.63	266.01	266.57	277.26
1981	278.89	265.02	270.25	269.43	273.55	275.04	277.05	278.22	282.74	291.68	286.24	287.24	294.40
1982		282.63	288.64										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	6.56	6.33	6.37	6.44	6.52	6.54	6.58	6.56	6.57	6.64	6.69	6.73	6.76
1978	6.93	6.80	6.90	6.84	6.89	6.91	6.97	6.99	6.94	6.93	6.88	7.10	7.12
1979	7.33	7.12	7.14	7.13	7.21	7.41	7.37	7.35	7.29	7.31	7.38	7.47	7.53
1980	7.72	7.51	7.62	7.57	7.64	7.70	7.64	7.65	7.70	7.79	7.83	7.91	8.06
1981	8.35	8.08	8.14	8.14	8.19	8.21	8.27	8.33	8.39	8.61	8.57	8.60	8.71
1982		8.75	8.80										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	34.2	33.7	33.9	33.8	34.0	33.8	34.2	34.3	34.3	34.5	34.6	34.7	34.8
1978	34.2	33.5	33.8	34.0	34.1	34.0	34.2	34.0	33.7	34.7	34.3	35.1	34.9
1979	34.4	33.6	34.1	34.2	34.1	34.3	34.4	34.2	34.7	34.7	34.6	35.1	34.7
1980	33.6	33.3	33.4	33.4	33.4	33.5	33.7	33.6	33.7	33.5	33.4	33.7	34.4
1981	33.4	32.6	33.2	33.1	33.4	33.5	33.5	33.4	33.7	33.9	33.4	33.4	33.9
1982		32.3	32.8										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	1.7	1.3	1.5	1.5	1.8	1.6	1.7	1.7	1.7	1.9	2.0	2.1	2.1
1978	2.0	1.4	1.7	1.8	1.9	1.9	1.9	2.1	1.9	2.0	2.2	2.6	2.5
1979	2.1	1.7	1.9	2.0	1.9	2.1	2.0	1.8	2.0	2.2	2.3	2.6	2.3
1980	1.8	1.5	1.8	1.7	1.6	1.7	1.6	1.5	1.8	1.8	2.0	1.8	2.0
1981	1.5	1.2	1.3	1.3	1.4	1.4	1.3	1.3	1.6	1.9	1.8	1.6	1.9
1982		1.2	1.4										

SIC 272—PERIODICALS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	74.9	73.6	73.8	73.9	73.2	73.2	74.2	74.9	75.7	76.0	76.5	76.8	76.9
1978	78.9	79.3	78.0	77.9	77.7	77.5	78.4	78.9	79.5	79.4	80.2	80.5	80.3
1979	82.0	80.9	79.7	79.6	79.2	79.9	81.3	82.1	83.0	82.9	83.9	85.2	86.1
1980	89.5	87.7	87.2	87.1	87.1	87.5	88.1	89.8	91.2	90.9	91.4	92.6	92.6
1981	96.3	94.6	94.0	94.8	94.2	94.3	95.2	96.7	96.8	97.4	98.1	99.3	99.7
1982		100.5	99.8										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	42.6	41.7	41.7	41.8	41.3	41.5	42.1	42.7	43.4	44.0	44.4	44.6	44.6
1978	47.2	45.5	45.0	46.6	46.5	46.2	46.9	47.5	47.9	47.9	48.5	48.8	48.9
1979	50.3	49.7	48.9	48.7	48.5	48.8	49.5	49.9	51.3	50.9	51.5	52.6	52.9
1980	54.1	54.0	53.5	53.1	52.9	53.1	53.4	54.0	54.6	54.4	55.1	55.6	55.4
1981	57.1	56.7	56.1	56.5	55.8	55.6	56.1	57.2	57.3	57.7	58.1	58.3	58.3
1982		59.7	59.6										

SIC 272—PERIODICALS (Con.)

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	14.5	13.2	13.6	14.1	14.7	14.3	14.6	14.5	14.9	15.1	15.0	15.1	15.2
1978	14.8	15.5	15.4	16.3	15.8	15.3	15.3	14.7	14.3	13.9	13.8	13.9	13.9
1979	13.9	13.9	13.9	13.7	13.6	13.6	13.7	13.9	14.1	13.8	13.9	14.1	14.2
1980	14.1	14.2	14.8	15.1	15.6	16.1	16.2	16.2	17.6	17.3	16.8	13.8	13.5
1981	18.9	17.1	18.4	18.4	18.2	18.4	18.8	18.4	18.5	19.1	19.8	20.3	20.4
1982		21.0	20.8										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	222.05	219.79	217.74	217.36	223.23	225.00	219.75	226.10	227.33	226.68	222.90	214.31	219.82
1978	236.00	224.58	229.28	223.11	228.68	231.67	220.40	223.68	224.65	232.25	232.02	233.36	238.23
1979	239.25	230.62	232.79	229.69	230.89	229.90	231.36	241.31	240.66	247.41	243.43	253.17	247.82
1980	261.34	233.83	241.82	244.61	244.63	248.83	259.15	264.61	265.95	275.76	273.42	278.63	292.22
1981	290.54	282.33	285.70	285.36	295.67	289.48	289.10	285.67	290.63	284.53	292.06	300.95	316.76
1982		317.63	336.69										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.49	5.43	5.73	5.72	5.89	5.86	5.86	5.95	6.03	6.09	5.96	5.85	5.80
1978	5.87	5.91	5.94	5.76	5.80	5.62	5.75	5.90	5.82	5.94	5.99	6.03	6.14
1979	6.38	6.12	6.11	6.17	6.19	6.22	6.27	6.64	6.83	6.58	6.57	6.66	6.76
1980	7.16	7.70	6.87	6.91	6.93	6.97	7.10	7.21	7.13	7.26	7.35	7.65	7.59
1981	7.60	7.61	7.68	7.63	7.70	7.74	7.73	7.70	7.75	7.65	7.83	8.09	8.38
1982		8.47	8.70										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	37.7	37.7	38.0	38.0	37.9	38.2	37.5	38.0	37.7	37.6	37.4	36.7	37.9
1978	38.5	38.0	38.6	38.6	38.1	37.7	38.4	38.6	38.4	39.1	38.8	38.7	38.8
1979	37.5	38.5	38.1	38.2	37.3	36.8	36.9	37.3	37.4	37.6	36.9	37.9	36.6
1980	36.5	34.9	35.2	35.4	35.3	35.7	36.5	36.7	37.3	37.4	37.2	37.2	38.5
1981	37.3	37.1	37.2	37.4	37.2	37.4	37.4	37.1	37.5	37.0	37.3	37.2	37.8
1982		37.5	38.7										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.2	2.6	2.7	2.4	3.0	3.1	3.0	3.2	4.0	3.9	3.7	3.0	3.4
1978	3.1	3.6	3.7	3.4	2.7	2.5	2.4	2.5	2.6	4.0	3.6	3.1	3.1
1979	2.2	3.1	2.6	2.6	2.0	1.8	1.5	1.6	2.1	2.4	2.1	2.1	2.5
1980	2.3	1.7	2.1	2.0	2.1	1.9	2.4	2.3	2.5	3.0	2.7	2.2	2.4
1981	2.3	1.7	2.1	2.3	2.2	2.0	2.1	1.8	2.3	2.6	2.7	2.4	2.8
1982		2.2	2.9										

SIC 273—BOOKS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	98.4	97.6	98.2	100.2	100.2	100.3	99.3	98.2	97.5	96.4	96.3	97.3	99.6
1978	100.6	99.3	100.3	101.9	102.6	101.8	101.0	100.6	100.0	98.2	98.6	100.1	102.1
1979	101.9	102.3	103.2	104.0	104.4	103.7	102.5	101.6	100.6	98.9	98.6	100.5	102.9
1980	100.5	102.9	102.8	103.0	103.1	102.2	101.5	99.4	98.8	97.1	96.4	99.0	101.2
1981	100.1	101.1	101.8	101.9	102.8	101.6	100.8	99.4	98.9	97.3	97.2	98.6	99.6
1982		99.5	100.3										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	52.0	50.6	51.0	52.8	53.4	53.4	52.7	52.2	51.5	50.6	50.6	51.6	53.4
1978	53.6	53.3	54.1	55.3	55.6	54.8	53.7	53.2	52.3	51.0	52.0	53.0	54.1
1979	54.1	54.2	54.6	55.2	55.7	54.8	54.0	53.9	52.9	52.4	52.4	53.7	55.1
1980	53.8	55.2	55.4	55.5	55.4	54.9	54.0	53.0	52.4	51.5	51.4	52.7	54.3
1981	53.9	54.6	55.1	55.2	55.7	54.8	53.9	53.1	52.9	52.2	52.3	53.2	54.0
1982		54.0	54.3										

See footnotes at end of tables.

SIC 273—BOOKS (Con.)

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	49.2	48.1	49.1	51.0	51.3	51.2	50.2	49.1	48.2	47.7	47.1	48.1	50.1
1978	50.9	50.0	50.7	52.3	53.0	53.0	50.9	50.4	49.9	48.6	48.1	50.1	52.4
1979	53.6	53.3	54.6	56.2	56.8	56.0	53.9	53.2	51.6	51.0	50.1	51.8	54.0
1980	51.8	54.0	54.1	54.1	53.9	53.0	52.3	50.4	50.1	48.7	47.5	49.6	52.7
1981	51.4	53.3	54.0	54.2	54.5	53.5	51.9	50.3	49.6	48.0	47.7	49.2	52.4
1982		51.3	51.6										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	216.66	204.62	207.67	216.36	211.23	217.01	216.41	214.50	220.05	226.74	217.01	220.05	225.27
1978	225.72	215.90	215.55	220.04	216.95	219.58	217.67	226.12	233.66	236.41	232.65	231.27	238.15
1979	236.62	228.27	228.21	233.54	229.13	234.99	235.39	241.85	247.27	247.29	244.66	245.84	251.22
1980	256.94	246.45	246.51	248.64	245.41	253.33	245.97	257.64	269.74	270.23	270.61	268.99	283.28
1981	288.12	270.85	269.85	273.94	275.33	268.25	264.23	280.49	294.92	295.22	296.29	294.91	304.13
1982		289.02	296.74										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.39	5.39	5.33	5.39	5.29	5.28	5.27	5.40	5.42	5.49	5.44	5.52	5.53
1978	5.70	5.55	5.54	5.46	5.46	5.48	5.61	5.71	5.83	5.97	5.91	5.92	5.96
1979	6.15	5.96	5.93	5.96	5.91	6.01	6.13	6.20	6.26	6.39	6.47	6.51	6.61
1980	6.76	6.42	6.42	6.51	6.51	6.58	6.63	6.78	6.97	7.13	7.14	7.06	7.10
1981	7.84	7.71	7.74	7.79	7.73	7.81	7.86	7.94	7.96	7.83	7.89	7.91	7.94
1982		7.94	7.81										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	40.2	38.0	39.0	40.9	40.7	41.1	40.3	39.8	40.6	41.3	39.6	39.9	40.7
1978	39.6	38.9	38.9	40.1	41.1	39.7	38.9	39.6	40.8	39.9	39.4	39.0	40.1
1979	38.8	38.1	38.5	39.1	38.6	39.1	38.4	39.0	39.5	38.7	38.7	38.9	39.1
1980	38.1	38.7	38.4	38.2	37.7	38.5	37.1	38.0	38.7	37.6	37.9	38.1	38.8
1981	38.7	38.2	37.6	38.1	38.4	38.9	38.1	37.2	36.6	37.8	37.6	38.1	38.8
1982		36.4	38.0										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.9	2.7	2.9	4.0	3.9	4.4	3.8	4.0	4.4	4.6	3.7	3.6	4.2
1978	3.9	3.6	4.0	4.1	4.0	3.6	3.1	3.7	4.6	4.3	3.9	3.7	3.9
1979	3.4	3.3	3.5	4.0	3.2	3.7	3.1	3.3	3.7	3.4	2.8	3.1	3.5
1980	2.5	3.0	2.9	2.9	2.5	2.4	1.7	2.1	2.6	2.4	2.1	2.0	2.7
1981	2.3	2.2	2.1	2.5	2.3	2.7	1.9	1.9	2.5	2.3	2.2	2.3	2.4
1982		2.2	2.5										

SIC 2731—BOOK PUBLISHING

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	68.5	67.6	68.2	69.2	69.2	69.2	68.8	68.6	68.0	67.3	67.4	68.1	70.1
1978	70.5	70.4	71.2	72.3	72.5	71.6	71.1	71.4	70.1	68.4	68.2	68.9	69.9
1979	70.4	70.3	70.8	71.0	71.3	71.3	70.9	70.5	70.1	68.7	68.6	69.9	72.0
1980	70.8	71.8	72.4	72.8	72.8	72.4	71.4	71.0	69.8	68.1	67.6	68.8	70.1
1981	70.3	70.6	71.1	71.1	71.7	71.0	70.5	70.2	69.8	68.8	69.0	69.8	70.2
1982		69.8	70.2										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	23.9	22.8	23.7	24.6	24.9	24.7	24.4	24.0	23.3	22.7	22.8	23.4	24.9
1978	25.5	25.5	26.0	27.1	27.8	27.3	26.7	25.7	24.7	23.6	23.2	24.0	25.0
1979	26.9	26.2	27.2	28.2	28.6	28.6	27.3	26.9	25.9	25.6	24.9	26.1	27.3
1980	25.9	26.0	25.6	25.6	25.4	25.2	27.2	26.9	26.0	24.8	24.2	25.5	26.9
1981	26.8	27.7	28.3	28.4	28.6	28.0	26.8	26.2	25.9	24.8	24.9	25.8	26.5
1982		26.7	27.0										

SIC 2731—BOOK PUBLISHING (Con.)

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	209.09	198.91	199.75	208.75	206.14	205.42	202.54	205.39	213.99	217.76	217.31	218.59	216.66
1978	217.71	207.34	210.36	210.01	210.40	213.99	209.97	223.58	232.41	226.55	223.47	223.44	221.69
1979	227.37	216.83	215.67	221.13	221.13	223.74	223.49	232.25	237.20	235.01	223.75	236.90	234.93
1980	248.90	233.79	237.16	236.63	235.25	240.67	238.82	254.76	262.68	263.52	257.23	262.33	275.32
1981	274.10	262.71	259.98	265.41	268.28	278.74	268.98	269.35	284.93	283.02	276.35	284.64	292.61
1982		278.79	290.32										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	5.26	5.29	5.19	5.18	5.04	5.11	5.22	5.28	5.31	5.39	5.46	5.50	5.39
1978	5.47	5.33	5.36	5.29	5.26	5.31	5.37	5.44	5.56	5.75	5.73	5.70	5.57
1979	5.63	5.54	5.53	5.57	5.57	5.65	5.76	5.85	5.93	6.12	6.25	6.09	6.15
1980	6.03	6.12	6.16	6.26	6.29	6.35	6.42	6.57	6.77	6.99	6.99	6.94	6.97
1981	7.29	6.95	6.97	7.04	7.06	7.24	7.25	7.26	7.42	7.67	7.53	7.55	7.64
1982		7.68	7.62										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	39.6	37.6	38.3	40.3	40.9	40.2	38.8	38.9	40.3	40.4	39.8	39.6	40.2
1978	39.8	38.9	39.1	39.7	40.0	40.3	39.1	41.1	41.8	39.4	39.0	39.2	39.8
1979	39.1	38.4	39.0	39.7	39.7	39.6	38.8	39.7	40.0	38.4	37.4	38.9	38.2
1980	38.1	38.4	38.6	37.8	37.4	37.9	37.2	38.7	38.8	37.7	36.8	37.8	39.5
1981	37.6	37.8	37.3	37.7	38.0	38.5	37.1	37.1	38.4	36.9	36.7	37.7	38.3
1982		36.3	36.1										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	3.1	1.9	1.6	3.3	3.8	3.4	2.4	3.1	3.8	3.5	3.2	3.0	3.3
1978	2.9	3.0	3.6	3.4	3.4	3.2	2.3	3.4	3.6	2.4	2.1	2.1	2.4
1979	2.3	2.2	2.1	3.0	2.7	2.7	1.8	2.3	2.7	1.9	1.7	2.1	2.3
1980	1.5	1.6	2.0	1.6	1.6	1.4	.7	1.2	1.6	1.5	1.0	1.5	1.8
1981	1.6	1.3	1.4	2.0	2.0	2.3	1.2	.9	1.7	1.2	.8	1.1	1.4
1982		1.0	1.4										

SIC 2732—BOOK PRINTING

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	30.0	30.0	30.0	31.0	31.0	31.1	30.5	29.6	29.5	29.1	28.9	29.2	29.5
1978	30.1	28.9	29.1	29.6	30.1	30.2	29.9	29.4	29.9	29.6	30.4	31.2	32.3
1979	31.5	32.0	32.4	33.0	33.1	32.4	31.6	31.1	30.5	30.2	30.0	30.6	31.6
1980	29.8	31.1	30.4	30.2	30.3	29.8	30.1	28.4	29.0	29.0	28.8	29.2	31.1
1981	29.8	30.5	30.7	30.8	31.1	30.6	30.3	29.2	29.1	28.5	28.2	28.8	29.4
1982		29.7	30.1										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	25.4	25.3	25.4	26.4	26.5	25.8	25.1	24.9	24.5	24.3	24.8	24.8	25.1
1978	25.4	24.5	24.7	25.2	25.7	25.7	25.2	24.7	25.2	25.0	25.5	26.3	27.4
1979	26.7	27.1	27.6	28.1	28.2	27.4	26.6	26.3	25.7	25.4	25.1	25.7	26.7
1980	24.8	26.2	25.7	25.5	25.5	24.8	25.1	23.5	24.1	23.9	23.6	24.1	25.9
1981	24.6	25.6	25.7	25.8	26.0	25.5	25.1	24.1	23.7	23.2	22.8	23.4	23.9
1982		24.4	24.8										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	223.44	210.81	214.37	223.15	216.60	227.52	230.32	223.71	225.77	235.48	217.25	221.05	233.60
1978	233.63	224.85	221.36	231.24	228.50	226.39	225.61	226.38	242.78	245.35	241.38	238.23	246.65
1979	249.48	237.38	243.92	245.25	235.75	246.40	248.03	250.97	256.74	259.35	256.11	255.06	267.60
1980	269.12	264.66	257.36	261.71	257.18	267.74	253.13	261.18	277.15	278.10	283.92	276.10	291.93
1981	298.38	286.38	290.36	283.71	282.85	299.05	300.29	293.59	305.75	308.46	317.24	313.15	316.37
1982		300.41	303.58										

See footnotes at end of tables.

SIC 2732—BOOK PRINTING (Con.)

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	5.49	5.48	5.45	5.39	5.34	5.43	5.51	5.51	5.52	5.58	5.50	5.54	5.67
1978	5.63	5.77	5.72	5.64	5.67	5.79	5.86	6.01	6.10	6.18	6.08	6.14	6.17
1979	6.48	6.28	6.34	6.37	6.27	6.40	6.51	6.57	6.60	6.65	6.55	6.54	6.69
1980	6.99	6.74	6.72	6.78	6.75	6.83	6.86	7.04	7.18	7.28	7.28	7.59	7.28
1981	7.71	7.40	7.32	7.35	7.29	7.59	7.68	7.85	7.86	7.95	8.24	8.05	8.05
1982		8.23	8.01										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	40.7	38.4	39.7	41.4	40.6	41.9	41.8	40.6	40.9	42.2	39.5	39.9	41.2
1978	39.4	38.9	38.7	41.0	40.3	39.1	38.5	38.0	39.8	39.7	39.7	38.8	40.3
1979	38.5	37.8	38.0	38.5	37.6	38.5	38.1	38.2	38.9	39.0	39.1	39.0	40.0
1980	38.1	39.3	38.3	38.6	38.1	39.2	36.9	37.1	38.6	38.2	39.0	38.4	40.1
1981	38.7	38.7	38.3	38.6	38.6	39.4	39.1	37.4	38.9	38.8	38.5	38.9	39.3
1982		36.5	37.9										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	4.6	3.5	3.8	4.7	3.9	5.3	5.1	4.9	5.0	5.6	4.1	4.1	5.0
1978	4.8	4.2	4.8	4.8	4.7	4.1	4.0	4.0	5.6	6.1	5.6	5.1	5.3
1979	4.5	4.4	4.8	5.0	3.7	4.8	4.4	4.4	4.8	4.8	4.0	4.1	4.7
1980	3.5	4.2	3.8	4.1	3.6	3.6	2.7	3.2	3.7	3.4	3.2	2.6	3.7
1981	3.2	3.2	2.9	3.0	2.6	3.2	2.7	2.9	3.4	3.4	3.7	3.6	3.6
1982		3.4	3.8										

SIC 274—MISCELLANEOUS PUBLISHING

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	43.5	41.0	41.5	41.6	42.9	43.5	44.4	44.8	44.8	44.4	44.0	44.0	44.8
1978	44.9	44.4	44.4	45.0	45.4	45.2	45.1	44.1	44.5	45.0	44.5	44.8	46.1
1979	46.1	45.6	45.6	45.3	46.3	45.3	45.4	46.4	46.6	45.6	45.9	47.1	48.0
1980	48.2	47.9	48.1	47.4	47.8	48.7	48.6	48.6	48.4	47.7	47.0	46.8	49.3
1981	49.7	48.9	49.9	49.2	49.2	48.9	48.8	48.5	47.6	47.2	47.7	48.3	50.0
1982		49.3	49.5										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	24.9	24.1	24.2	23.9	24.6	25.2	25.4	25.7	25.2	25.4	24.9	24.9	25.3
1978	24.8	24.8	25.0	25.2	25.5	25.1	24.7	23.7	24.2	24.7	24.4	24.4	25.4
1979	24.9	24.9	24.8	24.5	25.2	24.1	24.5	24.8	25.1	24.5	24.8	25.2	26.0
1980	26.1	25.8	25.8	26.0	25.8	26.4	26.3	25.8	26.2	25.9	25.3	26.6	26.7
1981	26.7	27.2	27.2	26.8	27.2	26.8	26.8	26.5	26.0	25.7	26.2	26.5	27.5
1982		27.2	27.4										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	23.9	22.0	22.5	23.1	24.0	24.2	24.2	24.1	24.2	24.3	23.8	24.2	25.8
1978	27.1	25.9	25.8	27.4	27.6	27.1	26.9	26.1	26.7	27.3	27.2	27.6	29.1
1979	28.1	28.4	28.8	28.2	28.5	27.1	26.4	27.7	27.9	27.3	27.9	29.1	29.3
1980	26.6	28.6	28.5	27.5	27.0	26.9	26.3	25.8	25.7	25.6	24.7	26.3	26.6
1981	25.9	26.2	26.8	26.6	26.1	25.8	25.8	25.2	24.9	25.3	24.9	25.7	27.1
1982		26.4	27.2										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	207.65	195.63	194.38	191.50	199.26	206.01	215.76	218.34	216.67	211.42	217.62	217.40	205.42
1978	209.30	200.91	207.38	206.12	212.43	203.55	206.79	205.98	211.39	209.66	209.20	213.22	221.77
1979	215.52	208.66	205.42	207.05	207.35	212.42	221.29	212.40	225.22	223.13	219.35	222.88	223.01
1980	236.31	220.53	217.52	222.95	224.64	234.78	239.15	238.68	249.44	248.79	248.29	249.46	245.80
1981	258.84	232.90	229.16	234.61	243.20	247.76	258.08	257.40	274.54	273.78	277.97	273.92	306.14
1982		273.96	282.29										

SIC 274—MISCELLANEOUS PUBLISHING (Con.)

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.45	5.25	5.34	5.29	5.40	5.45	5.49	5.57	5.57	5.52	5.58	5.49	5.42
1978	5.75	5.55	5.62	5.64	5.68	5.75	5.65	5.69	5.76	5.84	5.86	5.89	6.01
1979	6.02	5.90	5.92	5.92	6.01	5.95	6.13	6.00	5.99	6.13	6.11	6.14	6.06
1980	6.51	6.16	6.11	6.16	6.24	6.38	6.57	6.37	6.76	6.93	6.84	6.93	6.79
1981	7.21	6.81	6.78	6.84	6.87	6.94	7.09	7.15	7.40	7.46	7.70	7.63	7.77
1982		7.61	7.65										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	38.1	37.3	36.4	36.2	36.9	37.8	39.3	39.2	38.9	38.3	39.0	39.6	37.9
1978	36.4	36.2	36.9	36.9	37.4	35.4	36.6	36.2	36.7	35.9	35.7	36.2	36.9
1979	35.8	35.4	34.7	35.0	34.5	35.7	36.1	35.4	37.6	36.4	35.9	36.3	36.8
1980	36.3	35.8	35.6	36.2	36.0	36.8	36.4	37.5	36.9	35.9	36.3	36.0	36.2
1981	35.9	34.1	33.8	34.3	35.4	35.7	36.4	36.0	37.1	36.7	36.1	35.9	39.4
1982		36.0	36.9										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	2.4	2.2	1.8	1.7	1.9	2.2	2.2	3.1	2.8	2.9	2.8	2.9	2.1
1978	2.2	1.9	2.4	2.5	2.1	2.0	2.0	1.9	2.1	2.1	2.5	1.4	2.4
1979	2.1	2.1	2.2	2.1	2.0	2.0	2.0	1.6	2.2	2.1	1.8	1.4	2.2
1980	1.6	2.1	1.6	1.7	1.4	2.0	1.5	2.0	2.0	1.8	1.6	3.3	2.1
1981	1.6	1.6	1.1	1.3	1.6	1.0	1.2	.7	2.0	2.1	1.7	1.4	3.1
1982		.9	1.5										

SIC 275—COMMERCIAL PRINTING

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	367.8	356.8	357.8	360.3	364.7	365.6	365.8	363.5	367.5	372.1	376.7	378.6	383.8
1978	390.5	378.1	380.6	383.5	385.7	391.4	392.2	388.7	389.9	394.4	397.4	399.3	404.6
1979	407.1	400.9	402.9	404.3	404.7	406.5	406.0	405.4	405.5	408.9	412.1	413.6	414.8
1980	413.7	411.7	415.4	417.2	416.1	412.6	412.1	408.1	408.3	413.5	414.9	417.2	417.8
1981	417.0	411.7	412.1	414.8	416.0	414.9	415.6	414.2	415.5	421.2	422.1	422.9	423.2
1982		417.1	418.0										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	109.5	105.2	105.3	106.5	107.7	108.5	108.7	108.2	109.4	111.6	114.3	114.6	114.2
1978	118.6	112.8	114.1	115.4	116.4	118.6	118.0	116.5	118.3	121.1	122.7	123.6	125.3
1979	127.0	123.3	124.4	125.4	126.8	126.8	125.4	125.1	125.5	129.3	130.4	130.9	131.0
1980	129.3	128.8	130.0	130.9	130.9	129.4	128.8	127.6	127.3	130.4	130.6	132.1	131.9
1981	132.4	129.4	129.5	131.8	132.7	132.4	132.0	131.2	131.7	133.6	134.7	134.7	135.0
1982		133.5	134.5										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	272.1	263.7	264.0	266.9	269.6	270.4	270.1	268.0	271.7	274.9	280.3	280.5	285.4
1978	288.7	279.6	281.5	282.8	285.2	288.7	288.6	286.8	288.0	292.1	294.8	295.8	300.5
1979	302.5	296.5	298.2	300.0	300.1	301.3	300.2	299.8	301.2	305.4	308.2	309.0	309.8
1980	307.3	306.5	309.4	309.6	308.8	305.3	305.1	301.4	303.0	307.9	309.1	309.9	311.2
1981	306.7	304.4	304.8	305.9	306.5	305.0	304.4	303.6	305.1	309.9	310.1	311.0	310.1
1982		305.0	306.1										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	244.29	232.03	237.46	240.24	237.39	239.09	240.71	241.49	246.63	253.99	251.66	251.80	253.49
1978	260.06	246.46	245.97	258.45	254.10	250.80	255.64	258.05	264.13	270.78	269.10	270.48	272.44
1979	276.82	267.33	268.42	275.34	261.32	269.31	273.08	276.05	283.14	288.17	285.25	284.90	292.89
1980	299.87	288.40	288.64	293.37	286.90	293.35	293.33	297.83	306.61	312.27	308.70	309.75	319.80
1981	328.10	317.29	316.36	323.98	320.64	324.24	324.56	329.56	333.68	336.30	336.59	335.72	339.99
1982		336.68	339.69										

See footnotes at end of tables.

SIC 275—COMMERCIAL PRINTING (Con.)

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	6.28	6.09	6.12	6.16	6.15	6.21	6.22	6.24	6.34	6.43	6.42	6.44	6.45
1978	6.72	6.52	6.49	6.61	6.60	6.60	6.64	6.72	6.79	6.89	6.90	6.90	6.95
1979	7.19	6.98	6.99	7.06	6.95	7.05	7.13	7.17	7.25	7.37	7.39	7.40	7.51
1980	7.85	7.53	7.56	7.62	7.59	7.74	7.76	7.90	8.00	8.09	8.06	8.13	8.20
1981	8.50	8.22	8.26	8.35	8.35	8.40	8.43	8.56	8.60	8.69	8.72	8.72	8.74
1982		8.86	8.82										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	38.9	38.1	38.8	39.0	38.6	38.5	38.7	38.7	38.9	39.5	39.2	39.1	39.1
1978	38.7	37.8	37.9	39.1	38.5	38.0	38.5	38.4	38.9	39.3	39.0	39.2	39.2
1979	38.5	38.3	38.4	39.0	37.6	38.2	38.3	38.5	39.0	39.1	38.6	38.5	39.0
1980	38.2	38.3	38.1	38.5	37.8	37.9	37.8	37.7	38.1	38.6	38.1	38.1	39.0
1981	38.6	38.6	38.3	38.8	38.4	38.6	38.5	38.5	38.8	38.7	38.6	38.5	38.6
1982		38.0	38.4										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.4	3.0	3.1	3.4	3.1	3.1	3.0	3.1	3.5	4.0	3.6	3.5	3.6
1978	3.6	3.0	3.3	3.9	3.4	3.1	3.2	3.3	3.8	4.2	3.9	3.7	3.7
1979	3.3	3.1	3.2	3.7	2.7	2.9	3.0	3.0	3.6	3.9	3.5	3.3	3.5
1980	2.9	2.9	2.9	3.2	2.6	2.5	2.4	2.5	3.0	3.4	3.0	3.0	3.2
1981	3.0	2.8	2.8	3.1	2.7	2.9	2.8	2.9	3.1	3.3	3.2	3.1	3.0
1982		2.7	2.7										

SIC 2751—COMMERCIAL PRINTING, LETTERPRESS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	160.1	158.7	158.4	158.7	159.1	158.6	158.5	157.5	159.2	161.1	161.8	163.2	165.8
1978	165.9	162.7	163.2	164.2	164.5	165.5	167.0	164.4	165.3	167.7	167.7	168.1	170.1
1979	166.5	167.3	166.8	166.3	165.9	166.3	166.6	165.7	164.6	166.4	167.4	167.4	167.1
1980	161.4	164.3	166.2	165.4	164.4	161.5	160.6	159.1	157.7	159.9	160.2	159.3	158.4
1981	154.7	154.6	153.3	153.5	154.0	153.6	153.9	153.6	153.9	156.7	157.0	156.6	156.1
1982		153.1	152.2										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	51.0	49.7	49.5	49.7	50.1	50.4	50.5	50.2	50.8	51.6	52.5	52.9	53.1
1978	53.5	51.7	52.0	52.3	52.9	53.2	53.3	52.3	53.1	54.6	54.7	55.4	56.1
1979	55.1	54.4	54.2	54.3	54.7	55.0	54.8	54.4	54.1	56.2	56.5	56.5	56.3
1980	53.9	54.2	55.3	55.1	55.1	54.1	53.6	53.4	52.7	53.6	53.6	53.6	53.0
1981	52.5	51.4	50.9	51.8	52.3	52.3	52.5	51.9	51.9	53.0	53.7	54.0	53.9
1982		51.6	51.9										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	119.7	119.0	118.6	119.1	118.9	118.7	118.2	116.7	119.1	120.0	121.6	122.0	123.5
1978	123.2	121.2	121.6	121.5	122.3	122.4	123.0	121.4	122.4	125.1	125.2	125.0	126.8
1979	123.5	123.7	123.5	123.0	123.0	122.6	122.9	122.2	121.7	124.3	125.0	125.1	124.8
1980	119.6	121.7	123.2	121.7	121.7	118.8	118.5	117.5	117.2	118.8	119.5	118.5	118.0
1981	114.1	114.6	113.4	113.3	113.8	113.3	113.0	112.9	113.2	116.2	115.9	115.4	114.8
1982		112.2	111.8										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	230.86	219.26	224.65	225.42	228.53	224.64	227.95	231.08	232.02	240.77	238.12	237.68	240.34
1978	244.22	233.23	235.46	244.14	241.01	235.25	242.69	242.70	250.65	255.06	250.75	251.16	254.14
1979	257.56	250.04	250.97	255.92	245.15	250.52	254.22	254.02	262.19	266.88	263.41	265.56	272.13
1980	277.10	266.25	262.63	268.46	265.95	273.39	273.75	276.76	282.37	287.66	284.26	285.39	296.04
1981	303.28	293.37	289.14	293.73	296.76	299.82	301.78	306.32	308.77	312.48	314.11	311.33	313.39
1982		311.17	315.47										

SIC 2751—COMMERCIAL PRINTING, LETTERPRESS (Con.)

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.95	5.77	5.82	5.84	5.89	5.85	5.86	5.91	5.98	6.08	6.09	6.11	6.10
1978	6.36	6.17	6.18	6.26	6.26	6.24	6.32	6.37	6.46	6.54	6.53	6.49	6.55
1979	6.76	6.56	6.57	6.63	6.59	6.61	6.69	6.72	6.81	6.95	6.95	6.97	7.05
1980	7.35	7.10	7.06	7.14	7.13	7.31	7.30	7.40	7.47	7.57	7.52	7.57	7.63
1981	7.95	7.70	7.69	7.75	7.83	7.89	7.90	8.04	8.02	8.18	8.18	8.15	8.14
1982		8.41	8.28										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	38.6	38.8	38.4	38.9	39.1	38.8	39.6	39.1	38.9	39.4			
1978	39.0	38.5	37.7	38.4	38.1	38.8	39.0	38.4	38.7	38.8			
1979	38.6	37.2	37.9	38.0	37.8	38.5	38.4	37.9	38.1	38.6			
1980	37.6	37.3	37.4	37.5	37.4	37.8	38.0	37.8	37.7	38.8			
1981	37.9	37.9	38.0	38.2	38.1	38.5	38.2	38.4	38.2	38.5			
1982													

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.1	3.5	3.1	2.7	2.9	3.1	3.2	3.8	3.5	3.2	3.3		
1978	3.2	3.5	3.1	2.7	3.1	3.1	3.5	3.8	3.3	3.0	3.2		
1979	3.1	3.3	2.3	2.5	2.5	2.6	3.1	3.3	3.9	2.9	3.1		
1980	2.8	2.5	2.2	2.0	2.0	2.0	2.3	2.9	2.5	2.3	2.8		
1981	2.3	2.3	2.2	2.2	2.3	2.4	2.3	2.7	2.6	2.6	2.2		
1982		2.1	2.0										

SIC 2752—COMMERCIAL PRINTING, LITHOGRAPHIC

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	165.6	159.6	159.6	160.0	163.7	165.1	165.4	164.4	165.6	169.0	191.3	192.2	194.8
1978	201.5	200.3	200.9	196.1	197.5	202.2	202.2	201.5	203.2	205.3	207.8	209.0	212.1
1979	214.1	211.3	213.5	215.6	216.3	217.5	217.3	218.2	218.9	221.0	222.7	223.9	225.6
1980	230.1	225.0	226.9	229.3	229.0	228.7	229.5	227.1	228.5	231.4	232.4	235.4	236.6
1981	239.4	234.4	235.6	238.2	238.6	238.4	239.0	238.2	239.0	242.0	242.4	243.3	243.6
1982		241.0	242.5										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	53.1	50.4	50.4	51.3	52.2	52.8	52.9	52.9	53.5	54.7	56.7	56.4	55.6
1978	59.9	55.9	56.5	57.4	57.8	59.9	59.7	59.4	60.4	61.7	63.1	63.2	64.1
1979	66.6	63.6	64.8	65.5	66.5	66.4	65.4	65.7	66.0	67.8	68.5	69.0	69.4
1980	71.4	69.1	69.1	70.1	70.1	69.8	69.9	68.9	69.3	71.3	71.7	72.9	73.1
1981	73.9	72.3	72.6	73.7	73.9	73.7	73.1	72.9	73.2	74.1	74.7	74.4	74.6
1982		75.0	76.0										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	134.3	127.1	127.5	129.9	132.6	133.5	133.8	133.5	134.6	137.0	140.1	139.6	142.3
1978	145.4	138.7	140.4	142.0	143.3	146.6	146.5	146.5	147.9	149.3	151.5	152.5	155.2
1979	160.6	154.7	155.9	156.8	156.5	159.8	159.0	159.8	161.2	163.3	164.9	165.4	166.8
1980	169.1	166.2	167.9	169.8	168.5	168.1	168.6	166.0	167.7	170.8	171.3	172.9	174.3
1981	174.1	171.5	172.4	173.6	173.4	172.8	173.1	172.7	173.6	175.4	176.3	177.2	176.9
1982		174.5	175.8										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	252.59	241.68	249.21	252.68	243.21	247.94	247.68	246.77	255.18	261.35	259.50	259.23	261.46
1978	267.86	253.00	262.30	268.52	262.19	260.14	262.87	265.65	270.36	275.27	278.24	278.95	282.82
1979	286.34	275.66	277.53	285.71	279.56	278.40	282.55	286.65	294.32	298.99	295.23	291.82	301.06
1980	305.54	294.63	301.59	306.15	295.66	300.23	298.62	306.23	317.29	321.26	318.45	319.04	330.00
1981	329.50	329.64	326.89	337.12	329.95	334.86	333.80	340.17	345.15	347.68	347.53	345.66	351.51
1982		351.78	350.87										

SIC 2752—COMMERCIAL PRINTING, LITHOGRAPHIC (Con.)

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	6.51	6.36	6.39	6.45	6.35	6.44	6.45	6.46	6.56	6.65	6.62	6.63	6.67
1978	6.92	6.73	6.71	6.85	6.81	6.81	6.81	6.90	6.95	7.07	7.08	7.09	7.16
1979	7.38	7.16	7.19	7.27	7.12	7.25	7.32	7.35	7.47	7.55	7.57	7.56	7.68
1980	8.04	7.67	7.78	7.83	7.76	7.88	7.90	8.08	8.22	8.28	8.25	8.33	8.44
1981	8.75	8.46	8.51	8.60	8.57	8.62	8.67	8.79	8.85	8.92	8.98	8.96	8.99
1982		9.09	9.09										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	38.8	38.0	39.0	39.2	38.3	38.5	38.4	38.2	38.9	39.3	39.2	39.1	39.2
1978	38.7	37.6	37.6	39.2	38.5	38.2	38.6	38.5	38.9	39.5	39.3	39.4	39.5
1979	38.8	38.5	38.6	39.3	38.0	38.4	38.6	39.0	39.4	39.6	39.0	38.6	39.2
1980	38.5	38.7	38.7	39.1	38.1	38.1	37.8	37.9	38.6	38.8	38.6	38.3	39.1
1981	38.8	39.0	38.6	39.2	38.5	39.8	38.5	38.7	39.0	39.0	38.7	38.6	39.1
1982		38.7	38.6										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.5	3.1	3.2	3.6	3.0	3.2	3.0	3.0	3.6	4.1	3.9	3.6	4.1
1978	3.7	3.1	3.4	4.1	3.6	3.3	3.2	3.4	3.9	4.4	4.2	4.0	4.1
1979	3.5	3.3	3.4	3.9	2.9	3.1	3.2	3.1	3.9	4.3	3.8	3.3	3.5
1980	3.2	3.2	3.3	3.7	2.8	2.8	2.5	2.7	3.4	3.7	3.2	3.2	3.3
1981	3.2	3.1	3.2	3.5	2.9	3.1	3.0	3.1	3.5	3.7	3.5	3.3	3.2
1982		3.0	3.0										

SIC 276—MANIFOLD BUSINESS FORMS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	42.1	41.3	41.4	41.7	41.7	41.8	42.1	42.1	42.0	42.5	42.7	42.7	43.6
1978	44.8	43.6	43.7	43.9	44.2	44.1	44.2	44.0	44.2	44.9	44.9	45.2	45.4
1979	47.8	45.7	45.7	45.8	46.0	46.7	47.4	47.8	47.9	48.4	48.7	49.3	49.6
1980	49.4	48.9	49.9	50.2	50.0	49.5	49.4	48.9	48.8	49.1	49.0	49.2	49.3
1981	49.2	49.0	49.0	48.7	48.6	48.9	49.2	49.0	49.2	49.4	49.5	49.6	49.9
1982		49.8	49.7										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	13.0	12.7	12.7	12.8	12.8	12.9	13.0	13.0	13.0	13.3	13.4	13.5	13.4
1978	13.8	13.5	13.5	13.5	13.5	13.6	13.7	13.7	13.8	14.0	14.0	14.2	14.4
1979	15.2	14.5	14.5	14.4	14.6	14.9	15.3	15.4	15.5	15.6	15.7	15.9	16.0
1980	15.9	16.2	16.0	16.2	16.1	15.9	15.8	15.6	15.7	15.8	15.7	15.9	16.0
1981	15.8	15.7	15.6	15.4	15.5	15.7	15.9	15.8	16.0	15.9	16.0	16.2	16.3
1982		16.3	16.1										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	29.8	29.3	29.4	29.7	29.5	29.5	29.8	29.5	29.7	30.1	30.1	30.2	30.9
1978	31.6	30.8	30.9	31.1	31.2	31.2	31.3	31.3	31.6	32.0	32.2	32.5	32.6
1979	33.3	32.6	32.5	32.6	32.5	32.9	33.4	33.4	33.4	33.8	34.0	34.3	34.7
1980	34.4	34.8	34.6	34.5	34.5	34.2	34.3	34.0	34.1	34.2	34.2	34.2	34.6
1981	34.3	34.3	34.3	34.1	34.0	34.2	34.2	34.0	34.1	34.4	34.5	34.7	34.8
1982		35.0	35.0										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	231.49	221.90	220.65	217.49	218.57	226.40	234.19	231.38	232.30	236.06	237.33	245.50	256.11
1978	253.18	241.40	238.60	245.01	244.22	243.60	254.20	254.00	253.17	261.04	260.21	264.18	277.35
1979	276.04	270.22	262.92	265.68	253.09	270.10	278.05	275.93	277.98	280.44	282.36	291.18	302.45
1980	300.85	301.44	291.91	301.17	296.46	297.27	293.53	293.38	294.97	300.75	303.11	311.00	326.82
1981	329.27	316.31	311.22	313.61	315.62	324.01	326.45	337.42	330.89	331.17	334.06	342.31	360.80
1982		339.37	336.26										

See footnotes at end of tables.

SIC 276—MANIFOLD BUSINESS FORMS (Con.)

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.73	5.52	5.53	5.52	5.59	5.66	5.74	5.77	5.75	5.80	5.86	5.93	5.97
1978	6.16	5.99	5.98	6.02	6.06	6.09	6.14	6.15	6.19	6.26	6.27	6.29	6.45
1979	6.70	6.48	6.46	6.48	6.44	6.62	6.70	6.73	6.78	6.84	6.87	6.90	7.05
1980	7.41	7.16	7.19	7.31	7.32	7.34	7.32	7.39	7.43	7.50	7.54	7.66	7.80
1981	8.13	7.81	7.80	7.86	7.95	8.06	8.09	8.17	8.17	8.30	8.31	8.39	8.57
1982		8.57	8.47										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	40.4	40.2	39.9	39.4	39.1	40.0	40.8	40.1	40.4	40.7	40.5	41.4	42.9
1978	41.1	40.3	39.9	40.7	40.3	40.0	41.4	41.3	40.9	41.7	41.5	42.0	43.0
1979	41.2	41.7	40.7	41.0	39.3	40.8	41.5	41.0	41.0	41.0	41.1	42.2	42.9
1980	40.6	42.1	40.6	41.2	40.5	40.5	40.1	39.7	39.7	40.1	40.2	40.6	41.9
1981	40.5	40.5	39.9	39.9	39.7	40.2	40.6	41.3	40.5	39.9	40.2	40.8	42.1
1982		39.6	39.7										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.3	3.3	2.7	2.3	2.4	2.9	3.3	3.3	3.3	3.7	3.6	4.0	4.9
1978	3.8	3.5	3.3	3.2	3.1	2.8	4.1	3.9	4.0	4.4	3.9	4.0	5.0
1979	3.5	4.0	3.4	3.5	1.9	2.8	3.3	3.5	3.5	3.8	3.7	4.1	4.8
1980	3.2	4.4	3.6	3.7	3.1	2.8	2.3	2.7	2.5	2.8	2.7	3.2	4.0
1981	3.1	3.7	2.6	2.3	2.1	2.6	3.0	3.7	3.2	3.4	3.3	3.4	4.7
1982		3.3	2.4										

SIC 278—BLANKBOOKS AND BOOKBINDING

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	57.7	56.0	56.5	56.3	56.7	57.1	57.7	58.2	58.7	58.4	59.1	58.7	58.8
1978	60.9	58.7	59.1	59.9	59.8	59.7	60.9	62.2	62.2	61.8	62.2	61.9	62.1
1979	63.2	62.0	62.0	62.2	62.0	62.7	64.8	64.6	64.4	63.5	64.0	63.8	62.8
1980	61.8	62.4	62.5	62.5	61.7	61.5	61.8	61.8	62.0	61.8	61.0	60.5	62.3
1981	63.0	61.0	62.2	62.8	63.2	62.7	63.1	63.7	64.4	64.0	63.3	62.7	62.8
1982		62.5	62.7										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	29.4	27.8	28.4	28.4	28.8	29.0	29.4	29.7	30.4	30.2	30.5	30.1	29.9
1978	31.5	30.0	30.3	31.0	30.9	31.0	31.5	32.1	32.4	32.2	32.5	32.3	32.2
1979	33.5	32.7	32.9	32.9	32.3	33.0	34.1	34.0	34.1	33.6	34.1	34.1	33.6
1980	33.0	33.3	33.7	33.6	33.1	32.9	33.0	32.8	33.1	33.3	32.5	32.1	33.1
1981	33.7	32.1	33.1	33.5	33.6	33.3	33.2	33.8	34.6	34.5	34.4	33.6	33.9
1982		33.1	33.7										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	47.3	45.4	46.2	46.0	46.5	46.8	47.4	47.8	48.4	48.0	48.3	48.3	48.0
1978	50.2	48.1	48.6	49.4	49.5	49.2	50.2	51.2	51.6	50.9	51.4	50.8	51.1
1979	52.4	51.0	51.2	51.4	51.1	51.9	54.0	53.5	53.6	52.5	53.1	53.3	52.4
1980	50.9	52.0	51.6	51.8	51.1	50.4	50.7	50.8	51.0	50.7	49.6	49.3	51.0
1981	51.3	49.7	50.7	51.1	51.7	51.0	51.6	52.0	52.9	52.2	51.7	50.7	50.8
1982		50.4	50.8										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	183.14	178.64	179.10	182.60	178.56	181.42	181.20	179.41	183.22	185.73	186.07	189.12	189.83
1978	194.61	186.20	185.09	192.57	189.81	190.19	194.24	191.18	197.18	201.85	198.12	200.38	206.00
1979	205.50	201.89	200.20	206.17	199.64	203.18	203.45	201.17	201.98	208.74	209.37	211.92	218.99
1980	224.84	216.28	215.00	220.35	220.74	222.71	220.23	223.11	221.57	231.08	228.46	232.62	248.68
1981	243.57	245.96	234.40	235.86	237.88	242.79	243.81	241.64	240.14	245.12	244.22	249.48	257.28
1982		244.20	248.44										

SIC 278—BLANKBOOKS AND BOOKBINDING (Con.)

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.72	4.64	4.64	4.67	4.65	4.70	4.67	4.66	4.71	4.75	4.81	4.80	4.88
1978	4.99	4.90	4.82	4.90	4.93	4.94	4.93	4.94	5.03	5.11	5.08	5.06	5.15
1979	5.31	5.19	5.20	5.30	5.24	5.25	5.23	5.28	5.26	5.38	5.41	5.42	5.53
1980	5.78	5.56	5.57	5.65	5.66	5.74	5.75	5.78	5.77	5.91	5.95	5.98	6.11
1981	6.31	6.18	6.12	6.23	6.26	6.29	6.30	6.26	6.27	6.40	6.41	6.43	6.53
1982		6.60	6.59										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	38.8	38.5	38.6	39.1	38.4	38.6	38.8	38.5	38.9	39.1	39.1	39.4	38.9
1978	39.0	38.0	38.4	39.3	38.5	38.5	39.4	38.7	39.2	39.5	39.0	39.6	40.0
1979	38.7	38.9	38.5	38.9	38.1	38.7	38.9	38.1	38.4	38.8	38.7	39.1	39.6
1980	38.9	38.9	38.6	39.0	39.0	38.8	38.3	38.6	38.4	39.1	38.4	38.9	40.7
1981	38.6	39.8	38.3	38.5	38.0	38.6	38.7	38.6	38.3	38.3	38.1	38.8	39.4
1982		37.0	37.7										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	2.3	2.2	2.3	2.3	2.1	2.2	2.1	2.1	2.5	2.7	2.6	2.4	2.4
1978	2.4	2.3	2.3	2.5	2.2	2.2	2.3	2.3	2.5	2.6	2.6	2.5	2.5
1979	2.1	2.1	1.8	2.2	1.6	1.8	1.9	2.0	2.1	2.6	2.4	2.3	2.4
1980	2.1	2.7	2.0	2.3	2.0	1.9	1.7	1.9	1.7	2.2	1.9	1.9	2.6
1981	1.7	2.8	1.7	1.7	1.3	1.6	1.6	1.7	1.6	1.8	1.7	1.5	1.8
1982		1.6	1.2										

SIC 279—PRINTING TRADE SERVICES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	39.0	38.2	38.6	38.8	38.8	38.6	38.9	38.9	39.2	39.6	39.6	39.6	
1978	40.7	39.8	39.9	40.2	40.3	40.4	40.4	40.4	40.4	40.9	41.6	42.1	42.3
1979	42.9	42.3	42.6	43.1	42.8	42.6	42.7	42.8	42.6	43.1	43.3	43.4	43.4
1980	44.0	44.0	43.8	44.4	43.9	43.9	44.0	43.6	43.8	44.0	44.4	44.3	44.4
1981	44.7	44.6	44.7	44.9	44.9	44.7	44.4	44.2	43.9	44.5	45.0	45.2	45.4
1982		45.4	45.5										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	7.5	7.4	7.4	7.4	7.5	7.4	7.6	7.6	7.6	7.6	7.6	7.4	7.7
1978	8.5	7.7	7.8	8.1	8.3	8.2	8.4	8.6	8.6	8.7	8.9	9.0	9.1
1979	9.6	9.2	8.9	9.0	9.2	9.4	9.5	9.8	9.9	9.9	10.1	10.1	10.2
1980	10.8	10.3	10.3	10.7	10.8	10.8	10.8	10.9	10.8	10.8	11.3	11.0	11.1
1981	11.5	11.0	11.0	11.2	11.3	11.3	11.4	11.7	11.5	11.8	12.1	12.0	12.2
1982		12.3	12.1										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	29.1	28.7	29.0	29.2	29.2	29.0	29.2	29.0	28.9	29.4	29.4	29.2	29.5
1978	29.7	29.4	29.7	29.5	29.2	29.3	29.1	29.4	29.9	30.4	30.7	30.8	
1979	31.6	30.9	31.1	31.5	31.3	31.2	31.2	31.6	31.8	32.1	32.0	32.1	32.2
1980	32.8	32.7	32.5	33.1	32.7	32.7	32.7	32.3	32.6	32.8	33.2	33.0	33.0
1981	33.1	33.2	33.2	33.3	33.3	33.3	33.0	32.6	32.3	32.8	33.1	33.2	33.3
1982		33.5	33.4										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	297.59	284.26	292.60	295.29	284.99	289.56	292.22	295.28	302.25	306.48	305.31	307.93	309.62
1978	322.49	306.16	304.24	321.21	313.88	316.30	315.91	322.37	327.33	338.13	331.19	333.21	334.85
1979	340.48	327.25	337.55	340.74	325.60	329.08	331.36	335.02	345.08	350.74	344.51	352.69	361.55
1980	360.43	359.14	360.61	353.80	350.44	351.94	351.93	354.94	361.19	365.15	364.94	368.81	383.76
1981	384.80	373.61	382.03	376.46	373.23	375.98	379.64	381.38	392.43	393.34	392.70	398.86	403.10
1982		394.57	412.42										

See footnotes at end of tables.

SIC 279—PRINTING TRADE SERVICES (Con.)

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	7.77	7.54	7.60	7.71	7.62	7.64	7.61	7.75	7.79	7.94	7.93	8.04	7.98
1978	8.42	7.10	8.29	8.30	8.26	8.28	8.27	8.33	8.48	8.67	8.67	8.61	8.72
1979	8.96	8.75	8.93	8.92	8.80	8.87	8.86	8.91	9.01	9.11	9.09	9.09	9.13
1980	9.51	9.29	9.44	9.46	9.37	9.36	9.41	9.44	9.48	9.66	9.68	9.68	9.84
1981	10.19	9.91	10.08	10.12	10.06	10.08	10.07	10.17	10.30	10.27	10.26	10.36	10.47
1982		10.55	10.74										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	38.1	37.7	36.5	38.3	37.4	37.9	38.4	38.1	38.8	38.6	38.5	38.3	38.8
1978	38.1	37.8	36.7	38.7	38.0	38.2	38.2	38.7	38.6	39.0	38.2	38.7	38.4
1979	38.0	37.4	37.9	38.2	37.0	37.1	37.4	37.6	38.3	38.5	37.9	38.8	39.6
1980	37.9	38.7	38.2	37.4	37.4	37.6	37.4	37.6	38.1	37.8	37.7	38.1	39.0
1981	37.8	37.7	37.9	37.2	37.1	37.3	37.7	37.5	38.1	38.3	38.2	38.5	38.5
1982		37.4	38.4										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	3.2	2.8	3.1	3.2	2.6	3.1	3.1	3.4	3.8	3.7	3.5	3.1	3.2
1978	3.4	2.8	2.9	3.6	3.0	2.9	2.9	3.2	4.0	4.2	3.9	3.5	3.4
1979	3.3	2.8	3.2	3.5	2.5	2.7	2.9	3.5	4.1	4.1	3.7	3.7	3.7
1980	3.4	2.8	3.4	3.0	2.5	2.9	3.1	3.6	4.0	3.9	3.7	3.6	4.0
1981	3.4	3.3	3.8	3.0	3.0	3.5	3.4	3.6	3.8	3.6	3.6	3.4	3.5
1982		3.0	3.6										

SIC 28—CHEMICALS AND ALLIED PRODUCTS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	1,073.7	1,049.0	1,054.8	1,062.6	1,068.7	1,072.4	1,083.9	1,085.2	1,087.0	1,082.3	1,080.3	1,079.5	1,078.7
1978	1,086.6	1,036.6	1,060.6	1,085.0	1,088.4	1,094.7	1,105.3	1,105.4	1,107.0	1,101.2	1,099.0	1,101.3	1,101.0
1979	1,096.3	1,057.8	1,086.9	1,100.9	1,104.1	1,108.1	1,123.8	1,119.7	1,117.3	1,110.5	1,110.8	1,111.0	1,110.5
1980	1,107.4	1,068.4	1,097.9	1,113.4	1,115.0	1,114.3	1,116.7	1,106.3	1,102.9	1,100.7	1,099.4	1,100.4	1,101.6
1981	1,107.3	1,100.2	1,102.5	1,106.9	1,106.2	1,110.1	1,121.6	1,116.7	1,112.0	1,110.1	1,104.4	1,100.1	1,096.9
1982		1,089.0	1,087.5										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	245.2	235.5	238.5	241.0	242.5	243.4	247.0	248.2	250.0	250.1	249.9	248.5	247.6
1978	256.2	246.9	248.1	251.7	252.8	256.3	260.7	262.1	263.5	263.3	264.3	264.6	263.8
1979	270.7	263.2	263.5	265.0	266.0	269.0	275.0	274.7	274.5	273.3	274.2	275.5	274.5
1980	277.3	273.2	275.1	279.4	275.9	276.0	279.5	277.6	278.3	278.2	279.1	279.8	279.9
1981	284.6	279.6	282.0	283.5	281.8	283.7	287.7	287.3	285.6	286.6	285.9	285.2	284.0
1982		281.3	281.4										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	616.0	601.2	605.7	612.1	616.1	619.1	624.2	621.0	622.3	619.6	617.5	616.1	616.9
1978	627.6	615.8	619.1	622.6	625.1	630.5	636.5	633.3	632.3	630.0	627.6	628.4	629.7
1979	633.3	626.0	629.2	630.2	630.9	632.7	643.0	637.2	635.4	633.6	633.4	632.8	633.7
1980	625.8	633.5	631.5	634.0	636.2	632.4	631.8	618.4	617.4	618.4	616.6	616.8	620.2
1981	627.0	620.7	624.1	628.1	629.7	632.7	639.3	633.2	631.3	629.8	623.3	617.8	613.7
1982		607.1	606.1										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	268.13	255.65	257.30	259.79	253.97	263.96	268.38	269.80	269.98	274.63	276.05	278.39	284.01
1978	294.14	260.01	282.35	287.28	289.23	290.09	292.74	293.28	295.11	299.88	302.40	305.83	308.37
1979	316.64	305.66	305.66	306.80	315.09	312.66	315.17	317.34	320.15	323.53	326.51	332.96	334.65
1980	344.65	332.77	333.22	336.10	336.21	337.83	339.90	340.66	343.56	349.61	354.00	361.20	365.85
1981	379.39	363.13	365.20	368.16	372.32	373.09	377.31	380.14	380.47	395.84	388.86	391.67	398.35
1982		394.64	397.85										

See footnotes at end of tables.

SIC 28—CHEMICALS AND ALLIED PRODUCTS (Con.)

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	6.43	6.19	6.20	6.23	6.30	6.33	6.39	6.47	6.49	6.57	6.62	6.66	6.73
1978	7.02	6.78	6.82	6.84	6.87	6.94	6.97	7.05	7.06	7.14	7.20	7.23	7.29
1979	7.60	7.33	7.33	7.37	7.52	7.48	7.54	7.61	7.66	7.74	7.83	7.89	7.93
1980	8.30	7.98	8.01	8.06	8.13	8.18	8.25	8.37	8.40	8.47	8.53	8.60	8.69
1981	9.12	8.75	8.80	8.85	8.95	8.99	9.07	9.16	9.19	9.38	9.37	9.42	9.53
1982		9.68	9.68										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	41.7	41.3	41.5	41.7	41.9	41.7	42.0	41.7	41.6	41.8	41.7	41.8	42.2
1978	41.9	41.3	41.4	42.0	42.1	41.8	42.0	41.6	41.8	42.0	42.0	42.3	42.3
1979	41.9	41.7	41.7	41.9	41.9	41.8	41.8	41.7	41.8	41.8	41.7	42.2	42.2
1980	41.5	41.7	41.6	41.7	41.6	41.3	41.2	40.7	40.9	41.3	41.5	42.0	42.1
1981	41.6	41.5	41.5	41.6	41.6	41.5	41.6	41.5	41.4	42.2	41.5	41.6	41.8
1982		40.8	41.1										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	3.4	3.2	3.2	3.3	3.6	3.4	3.5	3.5	3.4	3.6	3.4	3.2	3.4
1978	3.5	3.4	3.5	3.5	3.6	3.4	3.4	3.5	3.5	3.7	3.7	3.6	3.5
1979	3.5	3.5	3.4	3.5	3.5	3.4	3.4	3.5	3.5	3.7	3.6	3.6	3.4
1980	3.1	3.3	3.2	3.4	3.3	2.9	2.8	2.8	2.9	3.1	3.2	3.3	3.4
1981	3.3	3.4	3.3	3.3	3.2	3.2	3.3	3.2	3.3	3.7	3.3	3.1	3.0
1982		3.1	2.8										

SIC 281—INDUSTRIAL INORGANIC CHEMICALS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	161.8	156.6	157.3	158.5	159.2	160.3	162.7	163.6	164.6	164.0	164.6	165.0	164.9
1978	163.9	164.2	164.5	164.2	163.8	163.9	164.0	165.5	165.4	163.6	162.7	162.2	163.0
1979	162.1	163.0	162.4	162.4	162.6	161.3	163.3	162.3	162.5	161.5	160.7	161.4	161.7
1980	161.0	163.2	162.4	162.4	162.1	162.4	162.8	161.2	161.0	159.0	158.4	158.9	158.9
1981	159.7	158.9	159.2	159.3	159.5	159.6	161.2	161.1	160.2	160.2	158.6	159.3	159.0
1982		157.6	157.3										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	20.3	18.6	18.9	19.4	19.6	19.9	20.6	21.0	21.3	21.1	21.1	21.2	21.3
1978	22.1	21.1	21.2	21.3	21.6	21.9	22.1	22.6	22.8	22.4	22.5	22.5	22.8
1979	23.4	22.8	22.9	22.7	23.0	23.0	23.7	23.9	23.8	23.5	23.5	23.7	23.7
1980	23.9	23.8	23.7	23.7	23.7	24.0	24.3	24.1	24.2	23.7	23.7	23.8	24.0
1981	24.0	23.8	23.9	24.0	23.9	24.1	24.5	24.1	24.2	24.0	23.8	24.2	23.8
1982		23.7	24.0										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	94.8	93.7	93.7	94.2	94.3	94.7	95.4	95.4	95.9	95.3	95.1	95.1	94.7
1978	92.7	94.3	94.7	94.3	94.1	93.5	93.2	93.4	92.8	91.4	90.4	90.0	90.6
1979	88.0	90.1	89.6	89.3	89.7	88.0	89.0	87.5	87.5	87.0	86.3	86.3	86.1
1980	87.4	89.4	88.6	89.4	89.2	88.9	89.0	86.7	86.6	85.7	84.8	85.2	84.9
1981	87.1	85.8	86.6	87.0	87.4	87.6	88.4	88.0	87.5	87.9	86.4	86.7	86.0
1982		85.2	84.3										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	292.68	276.97	278.30	278.56	288.12	288.12	293.56	295.68	296.90	301.14	304.50	308.55	310.06
1978	321.56	304.61	307.33	310.59	312.80	313.41	318.19	316.48	315.78	329.52	334.96	340.63	336.66
1979	347.75	330.96	331.85	333.06	346.46	337.35	341.54	346.94	349.03	357.01	360.82	368.94	371.51
1980	376.41	364.53	363.24	363.54	362.97	363.80	370.46	376.48	379.66	384.81	389.69	398.56	402.90
1981	421.64	402.28	401.44	403.94	409.12	415.58	416.14	426.40	425.60	447.32	431.55	438.84	447.20
1982		444.29	443.56										

SIC 281

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec

SIC 281—INDUSTRIAL INORGANIC CHEMICALS (Con.)

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

1977	6.99	6.69	6.69	6.68	6.86	6.86	6.94	7.04	7.12	7.17	7.25	7.26	7.33
1978	7.62	7.34	7.37	7.36	7.43	7.48	7.54	7.70	7.72	7.79	7.90	7.94	7.94
1979	8.26	7.88	7.92	7.93	8.21	8.09	8.21	8.30	8.37	8.48	8.53	8.62	8.66
1980	9.07	8.70	8.69	8.76	8.81	8.83	8.97	9.16	9.26	9.34	9.39	9.49	9.57
1981	10.16	9.60	9.65	9.71	9.93	9.99	10.10	10.25	10.33	10.55	10.50	10.60	10.75
1982		10.81	10.74										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

1977	41.9	41.4	41.6	41.7	42.0	42.0	42.3	42.0	41.7	42.0	42.0	42.5	42.3
1978	42.2	41.5	41.7	42.2	42.1	41.9	42.2	42.4	42.2	42.3	42.4	42.9	42.4
1979	42.1	42.0	41.9	42.0	42.2	41.7	41.6	41.8	41.7	42.1	42.3	42.8	42.9
1980	41.6	41.9	41.8	41.5	41.2	41.2	41.3	41.1	41.0	41.2	41.5	42.0	42.1
1981	41.5	41.9	41.6	41.6	41.2	41.6	41.4	41.6	41.2	42.4	41.1	41.4	41.6
1982		41.1	41.3										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

1977	3.8	3.6	3.5	3.6	4.1	3.6	3.9	3.8	3.8	4.1	3.9	3.5	3.7
1978	3.9	3.6	3.9	3.8	3.7	3.6	3.8	4.2	3.9	4.0	4.0	4.0	3.6
1979	3.8	3.7	3.6	3.4	4.5	3.5	3.8	3.9	3.7	4.0	3.9	4.1	3.7
1980	3.1	3.4	3.4	3.2	3.2	2.9	3.0	2.9	3.0	3.0	3.1	3.3	3.1
1981	3.3	3.3	3.4	3.2	3.1	3.3	3.0	3.4	3.3	4.1	3.4	3.4	3.3
1982		3.5	3.2										

SIC 2819—INDUSTRIAL INORGANIC CHEMICALS, NEC

ALL EMPLOYEES—IN THOUSANDS

1977	104.7	101.6	101.8	102.5	103.1	104.0	105.2	106.1	106.6	106.2	106.3	106.2	106.8
1978	107.2	106.6	107.1	107.0	106.8	107.0	106.2	108.6	108.5	107.4	106.9	106.8	106.9
1979	106.1	107.0	106.7	106.9	107.1	105.6	106.3	106.5	105.4	105.1	105.2	105.5	105.3
1980	106.2	107.2	106.8	106.8	106.7	106.9	107.1	106.4	106.2	105.4	104.6	105.0	104.8
1981	105.2	106.3	105.3	105.3	105.4	105.4	106.4	106.3	105.6	105.4	104.1	104.3	104.2
1982		103.5	103.0										

WOMEN EMPLOYEES—IN THOUSANDS

1977	14.0	13.2	13.4	13.5	13.6	13.8	14.2	14.4	14.5	14.4	14.4	14.4	14.5
1978	15.2	14.6	14.7	14.8	14.9	15.0	15.1	15.5	15.5	15.3	15.4	15.4	15.6
1979	15.8	15.5	15.6	15.5	15.7	15.6	15.9	16.1	15.9	15.8	15.8	15.9	15.8
1980	16.1	15.9	15.9	15.8	15.8	16.0	16.2	16.2	16.4	16.1	16.1	16.2	16.3
1981	16.2	16.2	16.2	16.2	16.2	16.3	16.4	16.2	16.3	16.2	16.1	16.2	15.9
1982		15.9	16.0										

PRODUCTION WORKERS—IN THOUSANDS

1977	58.1	56.3	56.3	57.1	57.6	58.3	58.7	58.9	59.2	58.8	58.7	58.5	59.0
1978	58.9	58.6	58.8	58.8	58.7	58.9	58.4	59.6	59.5	58.9	58.7	58.6	58.6
1979	57.3	58.9	58.6	58.7	59.0	57.3	57.5	57.3	56.2	56.0	56.1	55.9	55.9
1980	58.2	59.4	59.0	59.5	59.4	59.1	59.4	57.9	58.1	57.4	56.7	56.6	56.3
1981	57.3	56.9	57.2	57.4	57.6	57.4	58.2	57.8	57.6	57.5	56.5	56.7	56.4
1982		55.7	54.8										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

1977	299.82	277.85	278.05	279.64	281.63	282.31	287.63	297.18	292.82	300.00	296.73	304.68	307.33
1978	315.62	298.89	302.22	303.99	305.44	306.86	311.95	320.32	320.08	324.90	328.64	333.46	335.56
1979	345.69	327.44	327.06	328.27	341.55	335.74	340.72	346.11	349.47	356.14	360.81	368.46	373.60
1980	376.98	364.42	363.58	366.39	366.68	367.50	368.92	376.18	378.27	383.39	386.63	398.11	403.79
1981	421.06	399.92	397.55	403.35	408.77	413.83	416.75	422.71	424.73	449.01	432.72	438.54	448.28
1982		449.53	446.13										

SIC 2819—INDUSTRIAL INORGANIC CHEMICALS, NEC (Con.)

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

1977	6.95	6.68	6.70	6.69	6.77	6.77	6.86	6.99	7.09	7.16	7.15	7.22	7.31
1978	7.61	7.29	7.30	7.29	7.36	7.43	7.50	7.70	7.75	7.81	7.90	7.94	7.99
1979	8.29	7.89	7.90	7.91	8.23	8.09	8.23	8.34	8.44	8.52	8.55	8.59	8.67
1980	9.15	8.75	8.74	8.85	8.90	8.92	9.02	9.22	9.34	9.42	9.43	9.57	9.66
1981	10.22	9.66	9.72	9.79	9.97	10.02	10.14	10.26	10.41	10.64	10.58	10.67	10.75
1982		10.83	10.75										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

1977	41.7	41.6	41.5	41.8	41.6	41.7	41.9	41.8	41.3	41.9	41.5	42.2	42.1
1978	41.5	41.0	41.4	41.7	41.5	41.3	41.5	41.6	41.3	41.6	41.6	42.0	42.0
1979	41.7	41.5	41.6	41.5	41.5	41.5	41.4	41.5	41.4	41.8	42.2	42.4	42.6
1980	41.2	41.6	41.6	41.4	41.2	41.2	40.9	40.8	40.5	40.7	41.0	41.6	41.8
1981	41.2	41.4	40.9	41.2	41.0	41.3	41.1	41.2	40.8	42.2	40.9	41.1	41.7
1982		41.5	41.5										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

1977	3.5	3.5	3.4	3.4	3.7	3.2	3.5	3.6	3.7	4.1	3.3	3.7	3.3
1978	3.3	3.2	3.4	3.1	3.2	3.1	3.4	3.7	3.4	3.6	3.4	3.7	3.2
1979	3.4	2.9	2.9	2.9	4.1	3.1	3.3	3.4	3.4	3.7	3.7	3.9	3.4
1980	3.0	3.2	3.0	3.0	3.1	2.9	2.7	2.9	2.8	2.8	3.3	3.3	3.1
1981	3.2	3.1	3.0	3.0	2.7	3.0	2.8	3.2	3.2	4.1	3.3	3.3	3.4
1982		3.6	3.4										

SIC 282—PLASTICS MATERIALS AND SYNTHETICS

ALL EMPLOYEES—IN THOUSANDS

1977	214.5	210.8	212.3	212.9	215.2	216.1	217.6	217.6	217.5	213.9	212.9	212.9	213.8
1978	214.1	214.0	214.9	214.6	213.0	215.1	216.5	216.2	215.6	213.0	211.6	212.3	212.1
1979	212.2	211.3	210.1	209.3	210.5	211.0	214.9	215.1	213.9	212.4	211.4	212.4	211.6
1980	204.8	212.4	210.5	211.5	211.6	209.3	205.1	200.3	199.2	199.4	199.1	199.9	199.7
1981	195.0	197.5	196.2	196.5	195.9	196.3	197.8	197.2	195.5	195.2	192.6	193.4	192.8
1982		189.0	188.2										

WOMEN EMPLOYEES—IN THOUSANDS

1977	42.9	41.2	41.9	42.3	43.3	43.4	43.8	44.1	44.1	43.2	42.7	42.7	42.3
1978	43.5	42.6	43.2	43.3	43.0	43.6	44.2	44.4	44.3	43.6	43.2	43.7	43.4
1979	44.6	43.4	43.4	43.2	43.8	44.1	45.4	45.5	45.6	45.3	45.2	45.1	45.0
1980	43.9	45.3	45.4	45.6	45.4	44.5	44.2	42.7	42.3	42.4	42.6	43.3	42.7
1981	42.7	42.5	42.5	42.7	42.6	42.7	43.3	43.7	43.9	43.0	42.8	43.0	42.1
1982		42.0	42.2										

PRODUCTION WORKERS—IN THOUSANDS

1977	142.2	138.6	140.1	141.1	143.4	143.4	144.2	144.1	143.9	142.1	141.5	141.5	141.9
1978	145.0	143.3	145.2	144.8	143.5	145.6	147.1	147.2	146.6	144.5	143.5	144.0	144.1
1979	143.6	143.7	142.2	141.8	142.9	142.8	145.3	145.5	144.8	143.3	143.5	143.4	144.1
1980	136.6	143.7	142.1	143.0	143.3	140.9	136.2	131.3	131.0	131.4	131.3	130.4	130.5
1981	129.0	130.9	130.1	130.4	130.2	130.8	132.1	131.4	130.0	129.2	126.3	127.1	127.4
1982		121.7	121.7										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

1977	262.92	249.45	250.88	252.93	257.65	260.40	264.59	267.12	265.85	267.96	268.97	273.42	278.56
1978	292.14	277.97	280.14	281.72	285.10	288.06	292.50	292.72	284.95	288.92	300.86	304.56	304.88
1979	314.91	302.40	303.00	305.11	321.29	310.70	312.70	315.23	313.80	314.57	321.98	326.62	329.20
1980	339.89	329.01	334.36	333.94	337.33	333.74	330.08	333.26	325.34	341.53	346.94	358.13	361.62
1981	378.42	360.22	361.47	363.96	377.74	376.32	377.58	382.33	379.61	406.09	381.47	396.30	390.42
1982		365.43	368.27										

See footnotes at end of tables.

SIC 282—PLASTICS MATERIALS AND SYNTHETICS (Con.)

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	6.25	6.04	6.06	6.08	6.12	6.20	6.27	6.36	6.36	6.44	6.45	6.51	6.54
1978	6.85	6.65	6.67	6.66	6.74	6.81	6.85	6.92	6.98	7.05	7.07	7.10	7.14
1979	7.48	7.20	7.16	7.23	7.42	7.38	7.41	7.47	7.51	7.58	7.74	7.80	7.82
1980	8.21	7.89	7.99	7.97	8.07	8.16	8.15	8.27	8.28	8.33	8.36	8.49	8.61
1981	9.01	8.65	8.71	8.77	8.93	8.96	8.99	9.06	9.06	9.25	9.17	9.22	9.39
1982			9.47	9.47									

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	41.6	41.3	41.4	41.6	42.1	42.0	42.2	42.0	41.8	41.6	41.7	42.0	42.6
1978	42.4	41.4	42.0	42.0	42.3	42.3	42.7	42.3	42.4	42.4	42.5	42.9	42.7
1979	42.1	41.7	42.0	42.0	43.3	42.1	42.2	42.2	41.8	41.5	41.6	41.9	42.1
1980	41.4	41.0	41.6	41.9	41.8	40.9	40.5	40.3	40.5	41.0	41.5	42.3	42.0
1981	42.0	41.5	41.5	41.5	42.3	42.0	42.0	42.2	41.9	43.9	41.6	41.9	41.6
1982			42.7	41.0									

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	3.0	2.6	2.7	2.9	3.2	3.1	3.2	3.3	3.2	3.2	3.0	3.0	3.2
1978	3.3	3.0	3.3	3.1	3.3	3.3	3.3	3.4	3.4	3.5	3.4	3.6	3.3
1979	3.4	3.4	3.6	3.3	3.6	3.4	3.4	3.5	3.3	3.2	3.4	3.3	3.1
1980	3.0	3.0	3.0	3.1	3.0	2.3	2.2	2.4	2.4	2.5	2.6	3.3	3.1
1981	3.0	3.0	3.0	3.1	3.3	3.4	3.4	3.7	3.6	4.1	3.3	7.9	2.5
1982			2.6	2.6									

SIC 2821—PLASTICS MATERIALS AND RESINS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	82.5	81.9	81.6	81.4	81.8	82.4	83.8	83.7	83.6	82.6	82.5	82.6	83.2
1978	84.2	82.7	82.7	82.6	83.0	83.8	85.3	85.4	85.7	84.4	84.5	85.0	85.1
1979	85.0	85.1	85.3	85.4	85.4	85.6	87.2	86.8	85.8	84.3	83.8	83.8	83.4
1980	80.9	83.0	80.8	82.9	82.7	82.2	81.1	79.7	79.4	79.6	79.1	79.4	79.3
1981	76.2	78.1	77.9	78.0	78.2	78.5	79.4	79.4	76.6	79.0	78.1	76.3	76.9
1982			76.4	76.2									

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	9.1	8.5	8.6	8.7	8.9	9.1	9.4	9.5	9.5	9.3	9.4	9.4	9.4
1978	10.0	9.4	9.4	9.5	9.6	9.8	10.3	10.4	10.3	10.2	10.4	10.5	10.5
1979	11.0	10.6	10.7	10.6	10.7	10.9	11.5	11.5	11.4	11.2	11.2	11.1	11.1
1980	11.1	11.1	11.1	11.2	11.2	11.2	11.3	11.2	11.2	11.1	11.3	11.4	11.3
1981	11.4	11.3	11.2	11.2	11.2	11.3	11.5	11.8	11.7	11.6	11.6	11.3	11.3
1982			11.2	11.4									

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	51.1	50.5	50.6	50.4	50.6	51.0	52.2	51.8	51.2	51.0	51.1	51.0	51.6
1978	52.0	51.0	51.3	51.2	51.4	51.8	52.8	52.9	53.0	51.8	51.9	52.3	52.5
1979	52.1	52.5	52.3	52.6	53.0	52.6	53.4	53.1	52.5	51.0	50.7	50.7	50.7
1980	48.2	50.4	50.4	50.5	50.1	49.5	48.0	46.8	46.8	46.5	46.2	46.4	46.4
1981	45.9	45.3	45.5	45.4	45.9	46.4	47.2	47.2	46.7	46.8	45.9	44.4	44.7
1982			44.2	44.1									

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	255.99	251.02	251.37	254.27	290.83	292.52	295.99	299.81	301.63	301.27	306.40	307.98	311.30
1978	326.37	305.15	303.40	312.77	318.86	318.94	327.93	326.04	331.80	334.61	337.65	344.42	344.08
1979	347.96	333.41	335.23	336.26	349.52	343.26	346.58	345.56	345.66	350.67	359.97	363.36	365.02
1980	375.58	362.45	366.93	369.35	365.87	373.57	362.85	363.78	368.81	377.80	388.94	406.51	403.30
1981	470.42	409.40	424.67	409.88	423.36	421.74	423.36	413.28	415.38	439.75	426.70	431.00	426.38
1982		425.94	425.94										

SIC 2821—PLASTICS MATERIALS AND RESINS (Con.)

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	6.82	6.49	6.49	6.52	6.64	6.74	6.82	6.94	6.95	6.99	7.06	7.08	7.14
1978	7.52	7.18	7.28	7.24	7.33	7.40	7.47	7.60	7.61	7.71	7.78	7.81	7.82
1979	8.13	7.79	7.76	7.83	8.10	8.02	8.06	8.15	8.23	8.29	8.45	8.47	8.43
1980	8.90	8.50	8.64	8.65	8.67	8.98	8.85	8.95	8.93	9.06	9.13	9.26	9.25
1981	9.80	9.39	9.46	9.51	9.71	9.74	9.80	9.84	9.89	10.04	10.04	10.07	10.08
1982		10.19	10.19										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	43.4	43.3	43.2	43.6	43.8	43.4	43.4	43.2	43.4	43.1	43.4	43.5	43.6
1978	43.4	42.5	42.5	43.2	43.5	43.1	43.9	42.9	43.6	43.4	43.4	44.1	44.0
1979	42.8	42.8	43.2	43.2	43.2	42.8	43.0	42.4	42.0	42.3	42.6	42.9	43.3
1980	42.2	42.7	42.7	42.7	42.2	41.6	41.0	40.6	41.3	41.7	42.6	43.5	43.6
1981	42.9	43.6	43.2	43.1	43.6	43.3	43.2	42.0	42.0	43.8	42.5	42.8	42.3
1982		41.8	41.8										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	4.4	4.1	4.1	4.4	4.4	4.2	4.4	4.6	4.6	4.7	4.7	4.5	4.3
1978	4.6	4.1	4.7	4.3	4.5	4.5	4.5	4.6	4.7	4.7	4.6	5.0	4.6
1979	4.4	4.6	4.4	4.3	4.5	4.4	4.4	4.3	4.2	4.3	4.4	4.4	4.4
1980	3.9	4.3	4.4	4.3	3.9	3.3	2.7	3.0	3.3	3.6	4.0	5.0	4.3
1981	4.4	4.7	4.6	4.4	4.7	4.6	4.7	4.1	4.4	5.2	4.3	3.9	3.2
1982		3.6	3.3										

SIC 2824—ORGANIC FIBERS, NONCELLULOSIC

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	97.0	95.5	96.4	96.6	97.9	98.2	98.3	98.4	98.3	96.4	95.8	95.5	96.1
1978	96.8	96.4	97.1	96.8	95.3	97.0	97.3	97.6	97.1	96.5	96.4	96.7	97.0
1979	98.3	96.8	96.8	96.6	97.5	97.8	99.0	99.3	98.9	98.8	99.2	99.0	99.6
1980	93.5	99.9	99.5	100.1	99.0	96.8	94.1	90.7	89.5	88.9	88.5	87.9	87.5
1981	83.0	85.5	84.2	83.4	83.3	83.3	83.4	82.9	82.7	82.6	81.7	81.4	81.2
1982		80.1	79.6										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	26.0	25.5	26.0	26.1	26.7	26.5	26.5	26.7	26.6	26.1	25.6	25.1	25.1
1978	26.0	25.3	25.9	25.9	25.5	25.9	26.1	26.3	26.4	26.2	26.0	26.4	26.4
1979	27.0	26.4	26.5	26.6	27.0	26.8	27.4	27.4	27.3	27.3	27.2	27.2	27.2
1980	25.0	27.3	27.2	27.2	26.7	25.6	25.1	23.9	23.7	23.5	23.5	23.5	23.2
1981	22.2	22.7	22.6	22.1	22.0	21.9	22.1	22.2	22.0	22.4	22.3	22.1	22.3
1982		22.2	22.3										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	67.4	65.8	66.1	66.6	67.9	68.3	68.5	68.7	68.8	67.6	66.9	66.6	67.3
1978	69.0	67.8	69.2	68.6	67.1	69.0	69.5	70.0	69.6	69.2	69.0	69.3	69.6
1979	70.8	69.7	69.8	69.8	70.4	70.6	71.3	71.4	71.1	71.0	71.5	71.1	71.8
1980	66.3	71.8	71.6	72.1	71.3	69.2	66.5	63.0	62.4	62.4	62.1	61.8	61.9
1981	58.4	60.4	59.4	58.8	58.7	58.8	58.9	58.3	58.3	58.2	57.2	57.0	56.6
1982		55.3	55.3										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	237.86	227.60	227.03	228.34	233.13	234.77	237.97	239.03	238.10	243.79	240.76	246.22	255.97
1978	268.36	258.96	258.55	260.00	262.91	269.42	267.30	268.00	271.47	275.70	273.19	274.03	277.20
1979	291.90	277.79	280.80	280.54	300.40	288.15	288.56	293.02	290.50	290.69	297.88	302.73	306.77
1980	315.79	305.93	313.12	312.16	319.49	309.46	306.46	310.82	310.04	315.52	319.43	327.51	337.83
1981	354.00	328.42	329.64	331.67	347.75	351.02	349.29	368.07	360.32	387.63	357.79	361.57	370.87
1982		360.40	365.22										

SIC 2824

SIC 2824—ORGANIC FIBERS, NONCELLULOSIC (Con.)

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.83	5.69	5.69	5.68	5.70	5.74	5.79	5.83	5.85	5.99	5.93	6.02	6.08
1978	6.42	6.24	6.23	6.22	6.32	6.43	6.41	6.42	6.51	6.56	6.52	6.54	6.60
1979	7.00	6.71	6.75	6.76	6.89	6.91	6.92	6.96	7.00	7.09	7.23	7.33	7.41
1980	7.74	7.48	7.60	7.54	7.68	7.66	7.70	7.79	7.79	7.81	7.81	7.93	8.18
1981	8.53	8.19	8.20	8.23	8.42	8.52	8.54	8.62	8.62	8.77	8.58	8.65	8.98
1982		9.01	9.04										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

1977	40.8	40.0	39.9	40.2	40.9	40.9	41.1	41.0	40.7	40.7	40.6	40.9	42.1
1978	41.8	41.5	41.5	41.8	41.6	41.9	41.7	41.9	41.7	41.9	41.9	41.9	42.0
1979	41.7	41.4	41.6	41.5	43.6	41.7	41.7	42.1	41.5	41.0	41.2	41.3	41.4
1980	40.8	40.9	41.2	41.4	41.6	40.4	39.8	39.9	39.6	40.4	40.9	41.3	41.3
1981	41.5	40.1	40.2	40.3	41.3	41.2	40.9	42.7	41.6	44.2	41.7	41.6	41.3
1982		40.0	40.4										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

1977	2.2	1.6	1.7	1.9	2.5	2.6	2.5	2.5	2.3	2.2	1.9	2.0	2.4
1978	2.4	2.5	2.5	2.2	2.5	2.5	2.5	2.6	2.5	2.6	2.2	2.2	2.2
1979	2.6	2.3	2.7	2.4	3.2	2.7	2.6	3.0	2.7	2.4	2.5	2.3	2.2
1980	1.8	2.2	2.1	2.1	2.2	1.4	1.5	1.7	1.2	1.5	1.7	1.9	2.0
1981	2.5	2.0	1.7	1.8	2.1	2.4	2.2	3.5	3.2	3.7	2.8	2.3	2.0
1982		1.9	1.8										

SIC 283—DRUGS

ALL EMPLOYEES—IN THOUSANDS

1977	181.0	176.1	177.2	178.7	179.1	180.4	182.6	182.8	182.9	182.5	183.1	183.5	183.2
1978	187.2	182.6	183.3	183.9	184.3	186.0	188.9	188.9	189.9	188.4	188.9	190.3	190.6
1979	192.5	190.0	189.6	190.2	191.6	192.4	195.4	194.9	193.9	192.5	192.8	193.4	193.3
1980	196.1	194.0	193.7	195.3	195.7	196.6	198.7	198.4	195.7	195.8	196.0	196.4	196.1
1981	199.2	196.9	197.6	197.8	197.9	198.6	201.2	200.8	201.0	199.9	200.3	199.9	199.9
1982		196.9	199.1										

WOMEN EMPLOYEES—IN THOUSANDS

1977	72.2	69.4	70.7	71.6	71.8	72.2	72.8	72.6	73.0	72.7	73.0	73.3	72.9
1978	74.8	72.3	72.6	73.4	73.2	74.1	75.3	75.5	75.4	75.0	76.3	76.9	77.5
1979	79.1	77.8	77.5	77.5	78.6	79.0	80.5	80.0	79.3	79.1	79.2	79.9	79.9
1980	82.0	80.2	80.6	80.8	81.3	81.7	82.7	82.9	82.2	82.0	82.8	83.1	83.3
1981	85.6	84.0	84.4	84.6	84.7	85.5	86.6	86.9	85.7	86.2	86.3	86.0	85.9
1982		85.7	85.5										

PRODUCTION WORKERS—IN THOUSANDS

1977	90.0	88.2	89.1	90.2	90.3	91.5	91.9	90.8	89.6	89.3	89.5	90.0	89.8
1978	90.4	89.3	89.1	88.9	89.2	90.9	92.3	91.0	90.5	89.3	90.4	91.2	92.1
1979	95.5	93.5	94.2	93.9	94.6	95.3	97.3	96.4	95.6	95.6	95.7	96.4	97.2
1980	96.7	97.9	97.8	97.2	96.8	96.9	97.8	96.8	95.8	95.1	95.7	96.1	96.5
1981	99.2	97.3	98.2	98.1	98.4	99.6	100.6	99.9	99.6	100.2	99.9	99.4	99.0
1982		98.2	98.4										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

1977	245.59	239.32	243.67	241.90	241.31	239.57	241.26	239.57	242.79	247.83	251.74	254.61	261.24
1978	264.73	256.66	259.72	262.86	261.87	261.94	262.89	260.94	264.50	269.61	270.17	270.56	278.10
1979	284.82	275.47	275.37	279.04	271.62	272.96	276.21	281.39	285.36	293.62	295.92	300.96	308.17
1980	315.29	308.67	305.18	307.91	309.14	312.07	316.77	308.77	314.65	319.46	322.26	327.85	333.25
1981	341.13	329.16	329.25	331.30	330.48	332.11	336.20	334.54	340.30	350.99	351.68	360.26	366.69
1982		365.51	369.15										

See footnotes at end of tables.

SIC 283—DRUGS (Con.)

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.99	5.88	5.90	5.90	5.90	5.93	5.87	5.93	5.98	6.03	6.14	6.21	6.22
1978	6.41	6.26	6.35	6.38	6.31	6.42	6.35	6.38	6.42	6.45	6.51	6.52	6.58
1979	6.93	6.67	6.70	6.74	6.74	6.79	6.82	6.88	6.96	7.08	7.20	7.20	7.32
1980	7.69	7.42	7.46	7.51	7.54	7.63	7.67	7.70	7.75	7.83	7.86	7.90	8.01
1981	8.30	7.97	8.05	8.14	8.10	8.16	8.22	8.24	8.30	8.54	8.52	8.66	8.71
1982		8.65	8.96										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

1977	41.0	40.7	41.3	41.0	40.9	40.4	41.1	40.4	40.6	41.1	41.0	41.0	42.0
1978	41.3	41.0	40.9	41.2	41.5	40.8	41.4	40.9	41.2	41.8	41.5	41.5	42.1
1979	41.1	41.3	41.1	41.4	40.3	40.2	40.5	40.9	41.0	41.5	41.1	40.8	42.1
1980	41.0	41.6	40.6	41.0	41.0	40.9	41.3	40.1	40.6	40.8	41.0	41.5	41.5
1981	41.1	41.3	40.9	40.7	40.8	40.7	40.9	40.6	41.0	41.1	41.3	41.6	42.1
1982		41.3	41.2										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

1977	2.9	3.0	3.2	3.1	2.9	2.8	2.8	2.7	2.8	2.8	2.9	2.9	3.0
1978	2.9	2.9	3.2	3.2	2.8	2.8	2.7	2.5	2.6	2.9	2.9	3.0	3.0
1979	2.7	2.9	2.7	3.0	2.2	2.3	2.4	2.4	2.4	2.9	2.9	2.9	3.0
1980	3.0	3.1	2.8	3.1	3.2	2.9	3.0	2.6	2.9	3.0	3.0	3.0	3.1
1981	2.9	3.1	3.1	3.0	2.7	2.8	2.8	2.5	2.7	3.2	2.9	2.9	3.1
1982		3.0	2.7										

SIC 2834—PHARMACEUTICAL PREPARATIONS

ALL EMPLOYEES—IN THOUSANDS

1977	144.6	140.8	141.6	142.9	143.3	144.2	145.7	145.3	145.8	145.8	146.3	146.9	146.5
1978	149.7	146.3	146.7	147.2	147.8	148.6	150.8	150.6	151.0	150.7	150.9	152.2	152.4
1979	153.0	151.7	151.4	151.7	152.7	153.0	155.5	154.6	155.6	152.4	152.6	153.0	153.1
1980	154.8	153.3	152.9	154.3	154.5	154.7	156.3	156.3	155.2	154.8	154.9	155.3	155.1
1981	157.7	156.1	157.0	157.0	156.9	156.9	159.0	158.4	158.2	158.0	158.3	157.9	158.2
1982		157.3	157.4										

WOMEN EMPLOYEES—IN THOUSANDS

1977	61.7	59.1	60.3	61.2	61	61.9	62.3	62.1	62.4	62.2	62.4	62.7	62.3
1978	63.7	61.6	61.9	62.6	62.3	63.1	64.2	64.3	64.3	64.0	64.6	65.4	64.7
1979	67.1	66.3	66.0	66.0	67.0	67.1	68.4	67.5	67.3	67.0	67.0	67.6	67.7
1980	69.1	67.9	68.2	68.3	68.5	68.6	69.4	69.6	69.5	69.3	69.7	70.0	70.3
1981	72.0	70.8	71.3	71.3	71.4	71.8	72.7	72.9	72.2	72.4	72.6	72.3	72.4
1982		72.3	72.1										

PRODUCTION WORKERS—IN THOUSANDS

1977	69.6	68.9	69.5	70.6	70.4	71.0	70.6	69.3	68.8	68.6	68.3	69.4	69.3
1978	69.3	68.9	68.8	68.5	68.6	69.8	70.5	69.3	69.1	68.3	69.2	70.0	71.0
1979	73.0	72.0	72.4	71.8	72.2	72.6	74.3	73.7	73.1	73.0	73.0	72.7	74.3
1980	73.9	74.7	74.7	74.1	73.5	73.6	74.3	73.7	72.8	72.9	73.6	74.0	74.5
1981	77.0	75.4	76.4	76.4	76.6	77.3	78.2	77.3	77.3	77.6	77.5	76.9	76.8
1982		76.2	76.3										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

1977	235.25	228.34	234.68	231.42	229.88	229.25	232.30	230.08	231.26	237.01	241.20	246.04	251.93
1978	256.00	244.80	248.80	253.58	253.78	253.34	256.00	253.03	255.37	260.35	262.03	261.35	269.38
1979	272.97	266.50	265.12	269.78	260.69	264.27	266.53	272.30	273.36	281.52	281.07	285.77	293.41
1980	298.56	290.63	288.23	291.20	292.09	294.67	300.03	290.82	298.50	302.30	304.27	311.71	316.11
1981	322.80	311.08	310.78	313.91	313.16	316.37	319.56	314.03	322.40	331.68	332.10	341.12	345.68
1982		339.95	347.90										

SIC 2834—PHARMACEUTICAL PREPARATIONS (Con.)

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	5.84	5.68	5.71	5.70	5.69	5.76	5.75	5.81	5.84	5.94	6.03	6.09	6.10
1978	6.29	6.12	6.22	6.20	6.22	6.24	6.29	6.31	6.29	6.35	6.36	6.39	6.46
1979	6.74	6.50	6.53	6.58	6.55	6.64	6.68	6.74	6.80	6.90	6.94	6.97	7.07
1980	7.39	7.12	7.17	7.19	7.23	7.33	7.39	7.40	7.50	7.52	7.55	7.64	7.71
1981	7.99	7.70	7.75	7.77	7.79	7.87	7.91	7.93	8.06	8.21	8.20	8.32	8.37
1982		8.52	8.59										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	40.3	40.2	41.1	40.6	40.4	39.8	40.4	39.6	39.6	39.9	40.0	40.4	41.3
1978	40.7	40.0	40.0	40.9	40.8	40.6	40.7	40.1	40.6	41.0	41.2	40.9	41.7
1979	40.5	41.0	40.6	41.0	39.8	39.8	39.9	40.4	40.2	40.8	40.5	41.0	41.5
1980	40.4	41.1	40.2	40.5	40.4	40.2	40.4	39.3	39.8	40.2	40.3	40.8	41.0
1981	40.4	40.4	40.1	40.4	40.2	40.2	40.4	39.6	40.0	40.4	40.5	41.0	41.3
1982		39.9	40.5										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	2.8	2.9	3.1	2.9	2.8	2.7	2.8	2.6	2.7	2.6	2.7	2.7	2.9
1978	2.9	2.6	3.1	3.1	2.8	2.7	2.7	2.5	2.5	2.8	2.9	2.9	3.2
1979	2.6	2.8	2.5	3.0	1.9	2.1	2.4	2.4	2.3	2.9	2.8	2.9	3.2
1980	3.0	2.9	2.6	3.1	3.1	2.9	3.1	2.6	3.0	3.0	3.0	3.1	3.5
1981	2.8	3.0	3.0	3.0	2.6	2.7	2.8	2.4	2.7	3.1	2.8	2.9	3.0
1982		2.7	2.6										

SIC 284—SOAP, CLEANERS, AND TOILET GOODS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	129.9	125.9	127.6	128.2	127.9	127.3	127.3	129.5	130.5	131.9	133.9	133.2	131.5	129.9
1978	136.7	130.3	131.0	133.0	133.6	134.7	136.4	136.4	139.4	140.8	140.6	140.3	140.0	138.6
1979	139.5	136.9	136.5	137.7	136.6	139.1	141.4	140.4	140.6	141.5	142.3	140.3	140.0	140.1
1980	140.9	137.6	138.1	138.1	138.9	138.5	140.9	140.8	142.2	144.1	144.1	143.0	144.5	
1981	145.6	144.3	145.6	146.3	143.6	144.0	146.5	145.7	145.6	147.2	146.6	146.6	145.5	
1982		144.7	144.1										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	50.1	48.9	49.1	49.2	48.8	48.6	49.4	50.3	50.8	52.6	52.2	51.0	50.5
1978	54.5	50.2	50.8	52.7	53.1	53.6	54.6	55.0	56.6	57.8	57.7	56.8	55.0
1979	55.6	53.8	53.9	55.0	54.0	55.4	56.6	56.4	56.5	57.2	57.9	57.7	56.9
1980	57.3	55.0	56.1	55.4	55.5	55.5	57.0	57.0	58.2	59.7	59.7	59.2	59.4
1981	59.8	58.4	60.1	60.6	59.0	59.2	60.2	59.8	60.0	60.7	60.2	60.2	59.2
1982		57.9	57.7										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	78.1	76.6	76.9	76.6	75.8	75.8	77.6	77.8	79.4	81.5	81.2	79.8	78.2
1978	83.1	78.5	78.7	80.8	81.3	82.0	83.2	83.2	85.4	87.0	86.6	86.1	84.7
1979	84.3	82.6	82.5	83.3	81.5	83.8	85.7	84.4	84.6	85.8	86.1	85.7	85.6
1980	85.6	82.7	83.4	83.3	83.8	83.6	85.6	85.3	87.0	88.9	88.7	88.4	89.0
1981	91.4	89.3	90.7	91.7	90.0	90.0	92.2	92.0	92.0	93.1	92.5	91.9	91.0
1982		90.1	89.5										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	249.49	237.80	244.17	242.19	241.40	244.42	249.70	247.66	251.52	255.23	253.78	261.17	263.04
1978	271.23	258.80	259.89	269.62	271.42	269.58	271.35	267.47	270.95	274.29	272.43	276.49	288.11
1979	290.79	281.80	279.60	284.82	273.93	288.46	292.23	289.04	296.74	296.43	294.44	304.55	303.40
1980	310.64	299.77	292.93	299.83	300.35	307.40	307.44	309.20	309.91	318.16	318.68	326.38	333.32
1981	338.96	325.17	328.43	333.74	328.82	338.20	338.60	336.07	339.76	342.50	346.63	352.00	363.03
1982		355.78	363.78										

SIC 284—SOAP, CLEANERS, AND TOILET GOODS (Con.)

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	6.13	5.96	5.97	5.98	6.02	6.08	6.12	6.10	6.09	6.21	6.22	6.37	6.40
1978	6.68	6.47	6.53	6.56	6.62	6.64	6.70	6.67	6.69	6.69	6.76	6.81	7.01
1979	7.18	7.01	6.99	7.05	7.06	7.14	7.18	7.19	7.22	7.23	7.27	7.41	7.40
1980	7.67	7.42	7.36	7.44	7.49	7.59	7.61	7.73	7.69	7.75	7.83	7.98	8.11
1981	8.39	8.17	8.17	8.16	8.20	8.33	8.34	8.36	8.41	8.52	8.58	8.67	8.79
1982		9.03	8.96										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	40.7	39.9	40.9	40.5	40.1	40.2	40.8	40.6	41.3	41.1	40.8	41.0	41.1
1978	40.6	40.0	39.8	41.1	41.0	40.6	40.5	40.1	40.5	41.0	40.3	40.6	41.1
1979	40.5	40.2	40.0	40.4	38.8	40.4	40.7	40.2	41.1	41.0	40.5	41.1	41.0
1980	40.5	40.4	39.8	40.3	40.1	40.5	40.4	40.0	40.3	41.0	40.7	40.9	41.1
1981	40.4	39.8	40.2	40.9	40.1	40.6	40.6	40.2	40.4	40.2	40.4	40.6	41.3
1982		39.4	40.6										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	2.9	2.8	2.9	2.8	2.4	2.5	3.0	2.7	3.0	3.5	3.1	3.0	3.1
1978	3.2	3.0	3.6	3.6	3.1	3.0	2.9	2.9	3.3	3.8	3.3	3.1	3.3
1979	3.0	3.1	2.9	3.2	2.4	3.0	2.9	2.8	3.1	3.4	3.0	3.1	2.8
1980	2.8	2.8	2.6	2.9	2.5	2.4	2.5	2.6	2.8	3.3	3.1	2.9	3.0
1981	2.8	2.9	2.8	2.9	2.3	2.6	2.8	2.4	3.2	3.0	2.9	2.7	2.9
1982		2.6	2.4										

SIC 2841—SOAP AND OTHER DETERGENTS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	40.0	40.1	40.1	39.5	39.1	38.9	39.7	40.0	40.4	40.7	40.5	40.7	39.8
1978	40.8	40.1	39.8	40.6	40.4	40.4	40.4	40.3	41.0	41.4	41.5	41.9	42.0
1979	41.7	41.9	41.3	41.2	40.6	41.6	41.9	41.7	41.7	42.0	42.1	41.9	41.9
1980	43.1	41.6	41.1	41.4	42.4	42.7	43.4	42.9	43.7	44.2	44.4	44.5	45.3
1981	44.5	45.5	45.2	45.1	43.9	44.1	44.5	44.2	44.2	44.5	44.1	44.3	44.5
1982		44.5	44.3										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	8.6	8.5	8.5	8.4	8.2	8.2	8.4	8.6	8.8	8.8	8.8	8.8	8.6
1978	9.2	8.7	8.6	9.0	9.0	8.9	9.2	9.2	9.4	9.6	9.5	9.4	9.3
1979	9.2	9.4	9.1	9.2	8.7	9.0	9.4	9.4	9.3	9.4	9.3	9.4	9.1
1980	9.6	9.1	9.0	8.9	9.5	9.5	10.0	9.7	9.8	10.1	10.1	10.0	10.0
1981	10.1	10.4	10.4	10.1	9.8	9.9	10.1	10.0	10.1	10.1	9.9	10.1	10.1
1982		9.6	9.7										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	25.1	25.4	25.1	24.7	24.4	24.2	24.7	24.5	25.3	25.9	26.0	26.1	25.4
1978	26.2	25.6	25.4	26.3	26.0	25.9	26.0	25.7	25.9	26.4	26.7	27.4	27.3
1979	26.9	27.2	26.7	25.7	26.0	26.8	27.4	26.7	26.8	27.1	27.3	27.3	27.3
1980	27.7	26.8	26.4	26.4	27.4	27.4	27.8	27.0	27.9	28.4	28.7	29.0	29.4
1981	29.2	29.9	29.7	29.5	28.7	28.8	29.4	29.0	29.0	29.4	29.2	29.0	29.0
1982		29.0	28.8										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	337.04	320.25	332.20	325.41	325.46	328.02	334.89	340.26	344.36	345.35	343.02	350.67	354.09
1978	371.07	354.28	353.93	360.72	371.45	362.49	369.79	372.38	384.08	379.28	378.88	375.84	389.76
1979	402.55	392.89	383.49	390.49	372.50	398.30	408.16	407.73	421.74	413.60	401.81	422.61	419.99
1980	425.27	414.07	405.30	415.78	404.77	416.79	426.99	438.91	430.36	430.61	428.45	442.85	447.53
1981	459.98	438.27	443.10	453.05	450.43	456.67	454.92	457.87	461.49	469.11	469.69	479.40	493.93
1982		493.85	496.65										

See footnotes at end of tables.

SIC 2841—SOAP AND OTHER DETERGENTS (Con.)

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	7.82	7.50	7.55	7.55	7.64	7.70	7.77	7.84	7.88	8.05	8.09	8.08	8.14
1978	8.55	8.22	8.25	8.35	8.50	8.43	8.56	8.66	8.67	8.62	8.67	8.70	8.96
1979	9.34	8.97	8.96	9.06	9.13	9.22	9.34	9.46	9.52	9.40	9.41	9.76	9.79
1980	10.03	9.72	9.65	9.76	9.73	9.83	9.93	10.16	10.15	10.18	10.25	10.42	10.53
1981	10.90	10.51	10.55	10.66	10.75	10.72	10.78	10.98	10.91	11.09	11.13	11.28	11.46
1982		11.62	11.55										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	43.1	42.7	44.0	43.1	42.6	42.6	43.1	43.4	43.7	42.9	42.4	43.4	43.5
1978	43.4	43.1	42.9	43.2	43.7	43.0	43.2	43.0	44.3	44.0	43.7	43.2	43.5
1979	43.1	43.8	42.8	43.1	40.8	43.2	43.7	43.1	44.3	44.0	42.7	43.3	42.9
1980	42.4	42.6	42.0	42.6	41.6	42.4	43.0	43.2	42.4	42.3	41.8	42.5	42.5
1981	42.2	41.7	42.0	42.5	41.9	42.6	42.2	41.7	42.3	42.3	42.2	42.5	43.1
1982		42.5	43.0										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	4.8	4.7	5.1	4.6	4.3	4.0	4.8	4.7	5.3	5.3	4.7	4.8	4.8
1978	5.1	4.9	5.6	5.3	4.6	4.2	4.7	4.9	5.8	5.8	5.4	5.0	5.5
1979	4.9	5.5	4.9	4.9	4.0	4.6	5.1	5.1	5.1	5.2	4.5	4.8	4.6
1980	4.2	4.4	3.9	4.3	3.8	3.9	4.4	4.3	4.7	4.4	4.2	4.1	4.0
1981	3.9	4.0	3.9	3.8	3.4	3.6	3.9	3.8	4.4	4.1	3.9	3.6	3.9
1982		3.8	3.8										

SIC 2844—TOILET PREPARATIONS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	53.0	51.5	52.2	52.6	52.2	52.2	52.7	53.2	53.7	55.2	54.9	53.0	52.2
1978	56.2	52.3	52.7	53.5	53.9	55.2	55.9	56.5	59.0	60.2	59.7	58.7	57.1
1979	57.3	55.8	55.9	56.8	56.1	56.9	58.1	57.6	57.9	58.3	59.0	57.6	57.1
1980	57.2	54.8	55.6	55.0	54.8	54.8	56.3	57.0	57.5	60.0	59.9	59.7	60.5
1981	62.4	60.2	61.3	62.7	61.4	61.4	63.1	62.9	62.7	63.5	63.2	63.4	62.7
1982		61.6	61.0										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	30.2	29.1	29.6	29.8	29.5	29.3	29.7	30.1	30.3	31.9	31.7	30.5	30.1
1978	32.7	29.6	30.2	31.3	31.4	32.3	32.6	32.1	34.4	35.4	35.2	34.2	32.8
1979	33.6	31.8	32.1	33.0	32.6	33.3	33.7	33.7	33.9	34.5	35.2	34.7	34.5
1980	34.3	32.6	33.6	32.9	32.5	32.4	33.4	33.7	34.7	36.4	36.5	36.2	36.5
1981	37.2	35.3	36.7	37.7	36.6	36.7	37.5	37.3	37.4	38.1	37.8	37.6	37.1
1982		36.2	35.6										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	32.7	31.5	32.2	32.3	31.7	31.8	32.6	32.7	33.3	34.8	34.6	33.0	32.1
1978	35.1	32.2	32.2	33.1	33.5	34.5	34.7	35.4	37.6	38.6	37.8	36.6	35.2
1979	35.2	33.9	34.0	34.8	33.5	34.6	35.4	35.1	35.7	36.6	36.5	36.1	35.8
1980	36.1	33.2	34.3	34.0	33.6	33.9	35.6	36.2	36.9	39.0	38.6	38.6	38.9
1981	41.2	38.8	39.9	41.5	40.6	40.3	41.6	42.1	41.8	42.5	42.1	42.0	41.7
1982		40.4	39.9										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	199.68	189.00	196.17	196.83	194.31	198.28	199.82	195.70	200.00	206.00	202.47	210.00	210.79
1978	212.91	199.18	202.17	213.25	211.46	216.45	215.60	209.00	207.52	216.78	212.42	219.22	228.67
1979	222.53	212.06	215.27	219.65	210.90	220.99	222.91	218.69	223.26	229.70	231.67	234.40	231.02
1980	238.39	226.18	220.79	225.62	231.87	240.60	233.84	233.53	235.22	247.46	247.63	252.72	259.61
1981	259.11	249.60	258.99	264.47	250.77	262.01	261.49	253.76	251.55	254.49	261.80	262.58	274.33
1982		265.50	282.03										

SIC 2844—TOILET PREPARATIONS (Con.)

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	5.12	5.00	5.03	5.06	5.10	5.15	5.15	5.07	5.00	5.15	5.10	5.33	5.35
1978	5.53	5.34	5.42	5.44	5.45	5.55	5.60	5.50	5.49	5.53	5.59	5.65	5.76
1979	5.75	5.64	5.68	5.72	5.70	5.74	5.76	5.71	5.71	5.83	5.88	5.86	5.79
1980	6.02	5.77	5.72	5.80	5.87	6.00	5.95	6.05	5.97	6.11	6.16	6.24	6.41
1981	6.61	6.50	6.59	6.53	6.43	6.65	6.62	6.49	6.50	6.61	6.73	6.75	6.91
1982		7.08	7.14										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	39.0	37.8	39.0	38.9	38.1	38.5	38.9	38.6	40.0	40.0	39.7	39.4	39.4
1978	38.5	37.3	37.3	39.2	38.8	39.0	38.5	38.0	37.8	39.2	38.0	38.8	39.7
1979	38.7	37.6	37.9	38.4	37.0	38.5	38.7	38.3	39.1	39.4	39.4	40.0	39.9
1980	39.6	39.2	38.6	38.9	39.5	40.1	39.3	38.6	39.4	40.5	40.2	40.5	40.3
1981	39.2	38.4	39.3	40.5	39.0	39.4	39.5	39.1	38.7	38.5	38.9	38.9	39.7
1982		37.5	39.5										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	1.6	1.3	1.2	1.5	1.1	1.3	1.4	1.0	1.6	2.4	2.1	1.9	1.9
1978	1.9	1.4	2.1	2.1	1.8	2.0	1.6	1.6	1.7	2.6	1.8	1.8	1.8
1979	1.8	1.5	1.4	1.9	1.1	2.0	1.5	1.4	1.7	2.5	2.2	2.1	1.7
1980	2.3	2.0	2.1	2.3	2.0	2.0	1.8	2.2	2.0	2.9	2.6	2.4	2.7
1981	2.2	2.3	2.4	2.6	1.6	2.0	2.3	1.5	2.3	2.3	2.4	2.2	2.4
1982		1.9	1.8										

SIC 2842,3—POLISHING, SANITATION, AND FINISHING PREPARATIONS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	37.0	36.0	35.9	35.8	36.0	35.2	37.1	37.3	37.8	38.0	37.6	37.6	37.9
1978	39.2	37.9	38.5	38.9	39.3	39.1	40.1	39.6	39.4	39.2	39.4	39.4	39.5
1979	40.5	39.2	39.3	39.7	39.9	40.6	41.4	41.1	41.0	41.2	41.2	40.6	41.1
1980	40.6	41.2	41.4	41.7	41.7	41.0	41.2	40.9	41.0	39.9	39.8	38.8	38.7
1981	38.7	38.6	39.1	38.5	39.3	38.5	38.9	38.6	38.7	39.2	39.3	38.9	38.3
1982		38.6	38.8										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	20.2	19.7	19.6	19.6	19.7	19.8	20.3	20.6	20.8	20.8	20.6	20.7	20.7
1978	21.8	20.7	21.1	21.4	21.8	21.6	22.5	22.1	21.9	22.0	22.1	22.1	22.2
1979	22.2	21.7	21.8	21.8	22.0	22.4	22.9	22.6	22.1	22.1	22.3	22.3	22.5
1980	22.0	22.7	22.7	22.9	22.8	22.3	22.2	22.1	22.2	21.5	21.4	20.8	20.7
1981	20.9	20.6	21.1	20.7	20.7	20.9	21.2	20.9	21.2	21.2	21.2	20.9	20.3
1982		20.7	20.8										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	220.58	210.14	210.80	213.20	212.00	216.34	225.78	221.68	221.39	225.62	225.99	229.64	231.58
1978	244.62	233.16	234.21	243.85	244.22	243.61	242.80	240.40	245.84	250.92	248.86	247.65	257.68
1979	262.00	251.93	251.93	258.89	253.76	261.60	259.05	258.95	263.66	264.26	266.78	273.75	276.11
1980	283.68	272.45	271.66	277.70	277.07	273.61	276.51	272.75	281.97	296.68	298.00	302.94	307.67
1981	329.67	304.47	297.53	302.97	312.83	321.60	328.05	334.94	347.30	344.76	345.17	353.50	357.00
1982		337.46	339.83										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	5.46	5.28	5.27	5.33	5.30	5.41	5.48	5.46	5.48	5.53	5.58	5.67	5.69
1978	6.04	5.80	5.87	5.89	5.93	6.03	6.01	5.98	6.07	6.15	6.16	6.15	6.36
1979	6.55	6.33	6.33	6.44	6.49	6.54	6.46	6.49	6.51	6.59	6.72	6.81	6.85
1980	7.20	6.88	6.93	6.96	7.05	7.07	7.09	7.14	7.23	7.38	7.45	7.65	7.68
1981	8.14	7.65	7.59	7.67	7.86	8.00	8.10	8.27	8.45	8.45	8.46	8.58	8.50
1982		8.72	8.56										

See footnotes at end of tables.

SIC 2842,3—POLISHING, SANITATION, AND FINISHING PREPARATIONS (Con.)

PRODUCTION-WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	40.4	39.8	40.0	40.0	40.0	40.1	41.2	40.6	40.4	40.8	40.5	40.5	40.7
1978	40.5	40.2	39.9	41.4	41.2	40.4	40.4	40.2	40.5	40.8	40.4	40.3	40.5
1979	40.0	39.8	39.8	40.2	39.1	40.0	40.1	39.9	40.5	40.1	39.7	40.2	40.6
1980	39.4	39.6	39.2	39.9	39.3	38.7	39.0	38.2	39.0	40.2	40.0	39.6	40.1
1981	40.5	39.8	39.2	39.5	39.8	40.2	40.5	40.5	41.1	40.8	40.8	41.2	42.0
1982		38.7	39.7										

PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	2.8	2.7	2.8	2.7	2.3	2.6	3.3	3.0	2.6	3.2	2.8	2.6	2.8
1978	3.2	3.2	3.6	3.7	3.5	3.1	2.8	2.5	3.3	3.5	3.5	2.9	2.9
1979	2.7	2.7	2.8	3.2	2.4	2.7	2.4	2.5	2.9	2.8	2.6	2.6	2.4
1980	1.9	2.0	1.8	2.2	1.9	1.3	1.4	1.3	1.8	2.7	2.4	2.2	2.1
1981	2.4	2.3	1.8	2.1	1.9	2.2	2.5	2.3	3.2	3.0	2.6	2.7	2.4
1982		2.4	1.9										

SIC 285—PAINTS AND ALLIED PRODUCTS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	66.0	63.0	62.6	65.3	65.6	66.4	67.7	68.3	68.0	67.0	66.3	65.9	66.2
1978	68.7	65.3	66.2	66.8	68.3	68.9	70.7	70.7	70.7	69.7	69.0	69.8	68.2
1979	68.6	67.5	67.5	68.1	68.2	68.8	70.5	70.6	70.5	68.8	67.8	67.4	66.9
1980	65.1	66.4	66.2	66.8	66.3	65.7	65.9	65.1	65.3	64.3	63.6	63.2	62.9
1981	63.1	62.7	62.8	63.1	63.2	63.9	65.1	64.5	64.5	63.3	63.1	61.1	60.4
1982		59.7	59.7										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	10.8	10.3	10.3	10.7	10.8	10.7	10.9	11.1	11.1	11.3	11.2	10.9	10.7
1978	12.0	10.9	10.9	11.1	11.6	11.8	12.2	12.2	12.5	12.5	12.6	12.6	12.5
1979	12.7	12.3	12.3	12.4	12.4	12.6	12.8	13.0	13.1	12.9	12.8	12.9	12.8
1980	12.5	12.7	12.8	12.8	12.6	12.7	12.6	12.5	12.4	12.4	12.3	12.2	12.1
1981	12.2	12.2	12.1	12.2	12.2	12.3	12.5	12.5	12.4	12.2	12.3	11.9	11.8
1982		11.7	11.7										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	35.1	33.0	33.1	34.6	34.8	35.5	36.8	37.0	36.8	35.3	34.7	34.2	35.3
1978	36.2	34.1	34.6	34.9	35.9	36.8	37.9	37.8	37.9	36.8	36.0	35.9	35.5
1979	35.5	34.9	35.0	35.3	35.2	35.8	37.3	37.1	36.9	35.7	35.0	34.1	34.0
1980	32.9	33.5	33.4	34.2	34.1	33.5	33.6	32.6	33.1	32.2	31.6	31.5	31.2
1981	31.2	30.9	31.1	31.1	31.4	31.9	32.8	32.1	32.3	31.2	30.9	29.6	29.0
1982		28.8	28.8										

PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	243.49	226.57	231.99	239.13	239.61	243.95	249.23	247.34	243.95	250.43	248.21	248.02	253.17
1978	263.53	249.89	255.44	263.34	262.29	265.86	262.71	262.26	263.33	265.79	266.56	269.10	272.30
1979	280.16	272.49	272.24	280.22	271.88	286.54	287.28	284.81	281.11	281.24	278.07	279.57	286.18
1980	297.82	286.13	286.72	293.30	290.47	289.41	292.33	291.80	299.95	301.90	310.18	312.89	318.48
1981	324.41	315.90	312.82	323.99	324.77	334.08	330.03	325.99	324.81	326.40	326.82	320.72	326.33
1982		323.25	331.57										

PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	5.91	5.70	5.70	5.79	5.83	5.85	5.92	5.96	5.95	6.02	6.01	6.02	6.13
1978	6.35	6.17	6.20	6.27	6.29	6.33	6.30	6.35	6.33	6.42	6.47	6.50	6.53
1979	6.80	6.63	6.64	6.72	6.68	6.79	6.84	6.83	6.79	6.91	6.90	6.92	6.98
1980	7.39	7.10	7.15	7.26	7.28	7.29	7.29	7.35	7.48	7.51	7.64	7.65	7.73
1981	8.03	7.80	7.84	7.98	7.96	8.05	8.03	7.99	8.10	8.16	8.15	8.14	8.22
1982		8.44	8.48										

SIC 285—PAINTS AND ALLIED PRODUCTS (Con.)

PRODUCTION-WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	41.2	40.1	40.7	41.3	41.1	41.7	42.1	41.5	41.0	41.6	41.3	41.2	41.3
1978	41.5	40.5	41.2	42.0	41.7	42.0	41.7	41.3	41.6	41.4	41.2	41.4	41.7
1979	41.2	41.1	41.0	41.7	40.7	42.2	42.0	41.7	41.4	40.7	40.3	40.4	41.0
1980	40.3	40.3	40.1	40.4	39.9	39.7	40.1	39.7	40.1	40.2	40.6	40.9	41.2
1981	40.4	40.5	39.9	40.6	40.8	41.5	41.1	40.8	40.1	40.0	40.1	39.4	39.7
1982		38.3	39.1										

PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	3.3	2.6	2.6	3.2	3.2	3.7	3.9	3.6	3.3	3.9	3.5	2.9	2.9
1978	3.5	2.8	3.4	3.7	3.7	3.8	3.5	3.6	3.5	4.0	3.5	3.1	3.0
1979	3.0	3.0	3.0	3.4	2.4	3.5	3.6	3.4	3.1	3.0	2.5	2.2	2.3
1980	2.3	2.1	2.3	2.6	2.1	1.8	2.0	2.1	2.4	2.4	2.5	2.5	2.4
1981	2.6	2.6	2.3	2.8	2.8	3.5	3.4	2.9	2.7	2.6	2.2	1.5	1.3
1982		1.6	1.7										

SIC 286—INDUSTRIAL ORGANIC CHEMICALS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	166.2	163.8	164.2	163.9	165.1	165.7	168.2	168.8	167.9	166.9	166.5	166.9	166.8
1978	167.7	166.3	165.7	165.6	166.0	166.5	168.7	169.4	168.8	168.5	168.4	168.9	169.3
1979	171.4	169.4	169.9	170.3	170.6	170.8	172.8	172.9	172.8	171.7	171.5	171.8	171.7
1980	174.1	171.5	171.4	172.2	173.3	173.1	175.9	176.5	175.2	174.7	174.5	175.2	175.4
1981	179.0	176.2	177.1	178.1	178.9	179.3	180.9	180.4	180.3	179.7	179.2	179.3	178.5
1982		178.0	176.9										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	23.3	22.6	22.8	22.9	22.9	23.1	23.5	23.6	23.5	23.4	23.6	23.7	23.6
1978	24.0	23.5	23.3	23.5	23.6	23.9	24.4	24.7	24.4	24.2	24.3	24.1	24.3
1979	25.2	24.5	24.7	24.9	24.8	25.0	25.5	25.6	25.5	25.3	25.4	25.8	25.6
1980	26.3	25.4	25.4	25.7	26.0	25.9	26.7	27.1	27.0	26.6	26.6	26.6	26.7
1981	27.9	27.1	27.2	27.4	27.2	27.3	27.8	28.0	28.2	28.4	28.5	28.8	29.0
1982		29.0	28.6										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	84.2	82.1	82.0	82.3	83.2	83.6	85.3	85.5	85.6	85.3	85.0	85.4	85.5
1978	86.7	85.6	85.3	85.4	85.6	86.1	87.3	87.2	86.9	87.8	87.5	87.6	87.8
1979	88.8	87.7	88.4	88.6	87.8	87.8	89.3	89.4	89.5	89.4	89.4	89.2	89.2
1980	88.2	88.8	87.3	87.0	88.0	87.6	89.7	89.0	88.6	88.6	87.6	88.0	88.6
1981	90.3	89.1	89.4	90.2	91.2	91.3	92.0	90.6	91.1	90.2	89.8	89.8	89.2
1982		88.8	88.4										

PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	316.83	302.17	298.78	304.68	314.89	313.30	320.23	320.57	316.73	323.57	325.46	324.19	334.19
1978	349.78	330.91	333.06	341.23	345.49	348.47	347.68	349.85	348.15	358.66	359.54	367.18	368.51
1979	391.47	371.95	371.06	379.69	400.47	391.57	391.94	392.77	394.94	396.24	398.24	404.23	399.47
1980	413.88	395.90	403.56	408.32	416.54	411.08	408.31	408.79	412.02	416.23	424.42	429.57	431.57
1981	458.82	431.80	438.53	444.87	451.54	446.05	460.53	464.83	457.69	481.14	480.82	473.19	472.34
1982		473.48	472.88										

PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	7.42	7.06	7.08	7.22	7.34	7.32	7.43	7.49	7.47	7.56	7.64	7.61	7.79
1978	8.23	7.86	7.93	8.01	8.11	8.18	8.20	8.31	8.25	8.38	8.44	8.48	8.57
1979	9.02	8.65	8.69	8.83	9.04	8.94	9.01	9.05	9.10	9.13	9.24	9.25	9.29
1980	9.67	9.25	9.32	9.43	9.51	9.56	9.63	9.71	9.81	9.84	10.01	9.99	9.99
1981	10.72	10.16	10.27	10.37	10.55	10.57	10.71	10.81	10.82	11.01	11.13	11.03	11.14
1982		11.22	11.34										

See footnotes at end of tables.

SIC 286—INDUSTRIAL ORGANIC CHEMICALS (Con.)

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	42.7	42.8	42.2	42.2	42.9	42.8	43.1	42.8	42.4	42.8	42.6	42.6	42.9
1978	42.5	42.1	42.0	42.6	42.6	42.6	42.4	42.1	42.2	42.8	42.6	43.3	43.0
1979	43.4	43.0	42.7	43.0	44.3	43.8	43.5	43.4	43.4	43.4	43.1	43.7	43.0
1980	42.6	42.8	43.3	43.3	43.8	43.0	42.4	42.1	42.0	42.3	42.4	43.0	43.2
1981	42.8	42.5	42.7	42.9	42.8	42.2	43.0	43.0	42.3	43.7	43.2	42.9	42.4
1982		42.2	41.7										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.7	3.5	3.2	3.4	4.0	3.6	3.9	3.9	3.6	3.9	3.9	3.3	3.8
1978	3.7	3.5	3.5	3.5	3.6	3.5	3.7	4.0	3.7	4.3	3.9	3.8	3.8
1979	4.2	4.0	3.8	3.9	4.1	4.2	4.4	4.4	4.6	4.6	4.4	4.5	3.8
1980	3.5	3.9	3.7	4.0	4.1	3.3	2.9	3.0	3.2	3.2	3.6	3.5	3.7
1981	3.8	4.0	3.8	3.8	3.8	3.6	3.9	4.0	3.8	4.2	4.2	3.7	3.3
1982		3.5	3.0										

SIC 2865—CYCLIC CRUDES AND INTERMEDIATES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	36.0	34.9	35.2	35.4	35.7	35.9	36.2	36.4	36.3	36.2	36.3	36.5	36.6
1978	36.7	36.8	36.6	36.6	36.6	36.4	36.7	36.7	36.9	36.8	36.5	35.7	36.7
1979	36.8	36.5	36.8	36.8	36.8	36.8	37.0	37.1	37.2	36.8	36.7	36.4	36.4
1980	36.3	36.0	36.8	36.9	36.9	36.1	36.6	36.3	36.1	36.2	35.7	36.2	36.3
1981	37.7	36.8	37.2	37.5	37.9	37.8	37.9	37.8	38.1	38.0	37.8	37.5	37.6
1982		37.4	36.8										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	21.9	21.4	21.4	21.4	21.7	21.8	22.1	22.0	22.0	21.9	22.0	22.2	22.3
1978	22.7	22.5	22.4	22.4	22.4	22.5	22.7	22.7	22.8	22.9	23.0	23.1	23.2
1979	23.2	23.0	23.5	23.5	23.5	23.2	23.4	23.4	23.3	23.1	23.0	22.7	22.7
1980	22.2	22.5	22.9	22.8	22.8	21.8	22.8	22.2	22.1	22.2	21.4	21.7	21.7
1981	23.1	22.0	22.5	22.6	23.2	23.2	23.3	23.0	23.5	23.5	23.4	23.2	23.2
1982		23.0	22.6										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	296.27	284.01	283.23	288.72	292.65	289.33	295.74	295.80	293.01	304.40	302.32	307.55	315.92
1978	320.21	303.78	310.90	319.18	317.69	317.15	320.14	306.68	310.84	329.80	322.63	329.30	349.92
1979	359.52	339.29	342.34	354.01	359.07	352.30	360.26	366.96	367.16	362.94	364.19	376.27	371.05
1980	374.59	367.22	369.28	370.60	374.03	353.05	363.44	369.82	377.71	368.18	391.35	400.44	396.77
1981	423.61	390.82	399.92	389.05	409.45	418.97	427.32	431.38	421.82	447.20	453.88	444.51	447.07
1982		448.98	447.95										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	6.89	6.73	6.68	6.73	6.79	6.76	6.83	6.80	6.83	7.02	7.08	7.07	7.33
1978	7.57	7.25	7.42	7.44	7.44	7.48	7.48	7.48	7.49	7.76	7.70	7.73	8.10
1979	8.40	8.04	8.19	8.31	8.37	8.27	8.32	8.34	8.46	8.48	8.63	8.63	8.71
1980	8.94	8.56	8.73	8.72	8.78	8.59	8.80	8.89	9.19	8.98	9.34	9.40	9.38
1981	10.11	9.44	9.66	9.63	9.89	10.12	10.15	10.15	10.14	10.40	10.58	10.41	10.67
1982		10.69	10.82										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	43.0	42.2	42.4	42.9	43.1	42.8	43.3	43.5	42.9	43.3	42.7	43.5	43.1
1978	42.3	41.9	41.9	42.9	42.7	42.4	42.8	41.0	41.5	42.5	41.9	42.6	43.2
1979	42.8	42.2	41.8	42.6	42.9	42.6	43.3	44.0	43.4	42.8	42.2	43.6	42.6
1980	41.9	42.9	42.3	42.5	42.6	41.1	41.3	41.6	41.1	41.0	41.9	42.6	42.3
1981	41.9	41.4	41.4	40.4	41.4	41.4	42.1	42.5	41.6	43.0	42.9	42.7	41.9
1982		42.0	41.4										

SIC 2865—CYCLIC CRUDES AND INTERMEDIATES (Con.)

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.1	3.8	3.6	4.1	4.7	3.9	4.3	4.1	4.0	4.3	4.3	4.2	4.3
1978	4.0	3.9	4.5	4.2	4.0	3.7	4.0	3.4	3.4	5.0	3.9	4.0	4.5
1979	4.4	4.1	3.9	4.5	4.2	4.1	4.8	4.5	4.5	4.6	4.5	4.6	3.9
1980	3.2	4.0	3.5	3.8	4.0	2.5	2.5	2.3	2.7	2.5	3.2	3.6	3.4
1981	3.6	3.9	4.0	3.4	3.8	3.5	4.0	3.8	3.4	4.1	3.8	3.1	2.6
1982		3.1	2.2										

SIC 2861,9—GUM, WOOD, AND INDUSTRIAL ORGANIC CHEMICALS, NEC

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	130.3	128.9	129.0	128.5	129.4	129.8	132.0	132.4	131.6	130.7	130.2	130.4	130.2
1978	131.0	129.5	129.1	129.0	129.4	130.1	132.0	132.7	131.9	131.7	131.9	132.2	132.6
1979	134.6	132.9	133.1	133.5	133.8	134.0	135.8	135.6	135.6	134.9	134.6	135.4	135.3
1980	137.7	135.5	134.6	135.3	136.4	137.0	139.3	140.2	139.1	136.5	138.8	139.0	139.1
1981	141.3	139.4	139.9	140.6	141.0	141.5	143.0	142.6	142.2	141.7	141.4	141.6	140.9
1982		140.6	140.1										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	18.9	18.4	18.6	18.7	18.7	18.9	19.2	19.2	19.1	18.8	18.9	19.0	18.9
1978	19.4	18.8	18.7	18.8	18.9	19.3	19.8	20.1	19.8	19.5	19.6	19.7	19.6
1979	20.5	20.0	20.1	20.3	20.1	20.3	20.8	20.9	20.7	20.4	20.5	20.8	20.7
1980	21.6	20.6	20.6	20.9	21.3	21.1	22.0	22.4	22.4	22.0	22.0	22.0	22.0
1981	23.2	22.1	22.4	22.6	22.5	22.6	23.1	23.3	23.4	23.6	23.7	24.1	24.1
1982		24.5	24.0										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	62.4	60.7	60.6	60.9	61.5	61.8	63.2	63.5	63.6	63.4	63.0	63.2	63.2
1978	64.0	63.1	62.9	63.0	63.2	63.6	64.6	64.5	64.1	64.9	64.5	64.5	64.6
1979	65.6	64.7	64.9	65.1	64.3	64.6	65.9	66.0	66.2	66.3	66.4	66.5	66.5
1980	66.0	66.3	64.4	64.2	65.2	65.8	66.9	66.8	66.5	66.4	66.2	66.3	66.9
1981	67.3	67.1	66.9	67.6	68.0	68.1	68.7	67.6	67.6	66.7	66.4	66.6	66.0
1982		65.8	65.8										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	324.19	308.31	304.68	310.38	323.04	321.86	328.52	329.72	324.94	330.93	333.20	329.94	340.26
1978	360.40	340.98	340.62	348.93	355.71	359.53	357.44	365.08	361.68	368.51	372.36	381.06	374.95
1979	401.94	383.64	382.30	388.33	415.30	406.23	403.74	402.19	404.92	407.66	409.70	413.40	408.59
1980	427.12	406.17	415.07	421.61	430.95	430.88	423.16	422.15	423.42	433.14	435.37	438.76	442.83
1981	470.65	445.73	451.26	463.22	465.91	455.60	471.97	476.50	470.73	493.68	490.16	483.75	481.38
1982		482.22	481.12										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	7.61	7.17	7.22	7.39	7.53	7.52	7.64	7.74	7.70	7.75	7.84	7.80	7.95
1978	8.46	8.08	8.11	8.21	8.35	8.42	8.45	8.59	8.51	8.59	8.70	8.74	8.74
1979	9.24	8.86	8.87	9.01	9.27	9.17	9.26	9.31	9.33	9.35	9.44	9.46	9.48
1980	9.91	9.49	9.52	9.67	9.75	9.86	9.91	9.98	10.01	10.12	10.22	10.18	10.18
1981	10.92	10.39	10.47	10.60	10.76	10.72	10.90	11.03	11.05	11.22	11.32	11.25	11.30
1982		11.40	11.51										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	42.6	43.0	42.2	42.0	42.9	42.8	43.0	42.6	42.2	42.7	42.5	42.3	42.8
1978	42.6	42.2	42.0	42.5	42.6	42.7	42.3	42.5	42.5	42.9	42.8	43.6	42.9
1979	43.5	43.3	43.1	43.1	44.8	44.3	43.6	43.2	43.4	43.6	43.4	43.7	43.1
1980	43.1	42.8	43.6	43.6	44.2	43.7	42.7	42.3	42.3	42.8	42.6	43.1	43.5
1981	43.1	42.9	43.1	43.7	43.3	42.5	43.3	43.2	42.6	44.0	43.3	43.0	42.6
1982		42.3	41.8										

See footnotes at end of tables.

SIC 2861,9—GUM, WOOD, AND INDUSTRIAL ORGANIC CHEMICALS, NEC (Con.)

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.5	3.4	3.1	3.1	3.8	3.5	3.7	3.8	3.5	3.7	3.7	3.0	3.6
1978	3.6	3.4	3.0	3.3	3.4	3.4	3.6	4.2	3.8	4.1	3.9	3.8	3.6
1979	4.1	4.0	3.7	3.7	4.1	4.3	4.3	4.4	4.6	4.6	4.4	4.4	3.8
1980	3.5	3.9	3.8	4.0	4.1	3.6	3.1	3.3	3.4	3.4	3.7	3.4	3.7
1981	3.6	4.0	3.6	4.0	3.8	3.6	3.9	4.1	3.9	4.3	4.3	3.9	3.5
1982		3.7	3.2										

SIC 287—AGRICULTURAL CHEMICALS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	67.7	66.8	66.7	67.7	71.0	71.9	70.7	68.2	66.6	66.0	65.8	65.5	65.4	65.4
1978	67.4	65.9	66.9	68.4	70.6	70.3	68.4	66.4	65.6	66.1	66.5	66.5	67.3
1979	70.2	67.6	68.7	70.4	71.6	72.0	71.1	69.7	69.6	69.8	69.9	70.8	70.8
1980	72.0	71.6	72.4	73.7	74.7	75.6	73.7	71.1	70.2	70.6	70.4	69.8	69.6
1981	71.0	69.9	71.4	71.8	73.2	73.5	72.9	71.2	70.3	69.5	69.7	70.2	69.6
1982		69.1	69.9										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	8.6	8.5	8.5	8.5	8.5	8.7	8.7	8.7	8.6	8.7	8.5	8.5	8.6	8.6
1978	9.3	9.1	9.4	9.3	9.1	9.1	9.4	9.3	9.0	8.9	9.1	9.1	9.3	9.3
1979	10.2	10.0	10.2	10.4	10.1	10.0	10.2	10.4	10.1	10.2	10.0	10.2	10.2	10.2
1980	10.7	10.4	10.4	10.6	10.8	10.8	11.2	11.2	10.7	10.5	10.6	10.5	10.5	10.5
1981	10.7	10.3	10.5	10.6	10.7	10.9	11.0	11.0	10.8	10.7	10.7	10.7	10.6	
1982		10.6	10.7											

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	42.0	41.2	43.0	46.5	46.0	45.1	42.4	40.7	40.1	40.1	39.9	39.5	40.1
1978	41.3	40.7	41.6	43.2	45.2	45.0	43.0	40.9	40.4	41.2	41.7	42.0	42.7
1979	46.0	43.3	44.4	46.9	47.0	47.2	45.7	44.2	43.9	44.4	44.4	44.9	44.8
1980	46.8	45.4	46.3	47.2	48.0	46.7	46.8	44.5	43.3	43.9	44.0	43.4	43.1
1981	44.8	43.4	44.1	45.3	46.6	46.7	45.6	44.2	43.5	43.0	43.3	43.5	43.0
1982		42.5	43.1										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	269.39	244.07	247.83	252.51	252.25	252.74	256.97	260.95	264.12	266.70	270.30	268.60	272.84
1978	284.14	272.63	271.77	271.15	275.12	275.42	283.39	285.69	286.44	288.64	298.90	298.90	299.75
1979	311.45	296.95	296.25	296.53	303.37	300.57	306.44	307.55	315.67	323.32	323.14	331.25	339.11
1980	351.41	334.11	336.69	337.31	337.03	338.91	351.05	351.90	355.26	368.88	368.48	369.32	382.33
1981	382.27	377.58	382.36	375.40	375.29	366.37	376.25	378.84	383.66	395.54	391.00	390.22	399.75
1982		400.15	403.94										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	6.03	5.77	5.71	5.70	5.72	5.81	5.99	6.14	6.20	6.29	6.36	6.38	6.45
1978	6.67	6.43	6.44	6.38	6.31	6.45	6.56	6.77	6.82	6.96	7.00	7.00	7.02
1979	7.26	7.02	6.96	6.88	6.99	6.99	7.11	7.34	7.41	7.49	7.55	7.65	7.76
1980	8.12	7.77	7.74	7.79	7.73	7.72	8.07	8.28	8.32	8.48	8.51	8.49	8.65
1981	8.68	8.66	8.69	8.61	8.51	8.56	8.75	9.02	9.07	9.22	9.20	9.16	9.34
1982		9.55	9.48										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	43.0	42.3	43.4	44.3	44.1	43.5	42.9	42.5	42.6	42.4	42.5	42.1	42.3
1978	42.6	42.4	42.2	42.5	43.6	42.7	43.2	42.2	42.0	41.5	42.7	42.7	42.7
1979	42.9	42.3	42.3	43.1	43.4	43.0	43.1	41.9	42.6	42.9	42.8	43.3	43.7
1980	43.4	43.0	43.5	43.3	43.6	43.9	43.5	42.5	42.7	43.5	43.3	43.5	44.2
1981	43.0	43.6	44.0	43.6	44.1	42.8	43.0	42.0	42.3	42.9	42.5	42.6	42.8
1982		41.9	42.7										

SIC 287—AGRICULTURAL CHEMICALS (Con.)

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.3	4.6	5.4	6.1	6.4	5.9	5.2	5.3	5.1	5.0	5.0	4.5	4.5
1978	4.9	4.9	4.9	5.2	6.3	5.0	4.5	4.5	4.4	4.6	5.3	4.8	4.4
1979	4.8	4.7	4.7	5.1	5.4	5.0	4.5	4.3	4.7	5.0	4.7	4.9	5.1
1980	5.0	4.6	5.1	5.1	5.3	5.1	5.0	4.5	4.3	5.2	5.2	5.0	5.7
1981	4.5	5.0	5.4	5.4	5.2	4.6	4.4	4.0	4.0	4.4	4.1	4.0	3.8
1982		4.5	4.5										

SIC 289—MISCELLANEOUS CHEMICAL PRODUCTS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	86.7	84.3	84.3	84.4	85.3	85.5	87.4	87.0	88.2	88.3	88.2	88.5	88.5
1978	90.3	87.7	88.1	88.5	88.8	89.3	91.7	92.0	91.6	91.1	91.1	91.3	91.9
1979	93.0	92.1	92.2	92.5	92.4	92.7	94.4	93.8	93.5	92.3	93.4	93.5	93.4
1980	93.3	92.7	93.2	93.4	93.4	93.1	93.7	92.9	93.1	92.8	93.3	94.0	94.3
1981	94.6	93.8	93.6	94.0	94.0	94.9	96.0	95.8	95.6	95.2	94.3	94.3	93.6
1982		92.0	92.3										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	17.0	16.0	16.3	16.3	16.6	16.8	17.3	16.9	17.5	17.4	17.6	17.6	17.7
1978	18.2	17.6	17.4	17.6	17.6	18.0	18.6	18.7	18.7	18.4	18.6	18.7	19.0
1979	19.9	19.2	19.3	19.5	19.4	19.7	20.1	20.2	20.2	19.8	20.2	20.2	20.4
1980	20.7	20.4	20.7	20.6	20.6	20.5	20.8	20.6	20.6	20.5	20.7	21.1	21.2
1981	21.4	21.3	21.3	21.4	21.5	21.7	21.8	21.3	21.4	21.4	21.3	21.4	21.4
1982		20.7	21.0										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	49.5	47.8	47.8	47.6	48.3	48.5	50.6	49.7	50.7	50.7	50.6	50.6	50.4
1978	51.3	50.0	49.9	50.3	50.3	50.6	52.5	52.6	51.8	52.0	51.5	51.6	52.2
1979	52.5	52.0	51.9	52.1	52.2	52.0	53.4	52.5	52.6	52.2	53.0	52.8	52.7
1980	52.6	52.1	52.6	52.7	53.0	52.3	53.1	52.2	52.4	52.6	52.9	53.8	54.3
1981	54.5	54.0	53.9	54.3	54.5	54.8	55.6	55.0	55.3	55.0	54.2	53.8	53.1
1982		51.8	51.9										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	251.64	241.44	237.97	245.53	250.50	247.04	251.09	250.47	253.54	257.88	258.74	261.44	266.07
1978	272.06	260.16	265.19	267.30	267.52	266.62	269.98	269.21	271.17	274.23	280.73	283.56	289.00
1979	292.99	280.84	280.84	282.88	284.00	288.42	288.43	292.52	294.06	302.33	303.37	306.61	310.59
1980	317.75	305.12	307.27	308.92	312.42	311.30	313.84	313.20	317.12	321.96	327.20	335.27	339.71
1981	348.57	336.54	338.23	337.43	340.71	341.96	344.64	349.25	346.42	357.25	358.39	364.42	366.53
1982		364.81	363.69										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	6.02	5.79	5.79	5.86	5.95	5.91	5.95	6.05	6.08	6.14	6.19	6.21	6.29
1978	6.54	6.33	6.39	6.41	6.40	6.44	6.49	6.55	6.55	6.64	6.70	6.72	6.80
1979	7.06	6.80	6.80	6.80	6.91	6.90	6.95	7.10	7.12	7.25	7.31	7.34	7.36
1980	7.75	7.37	7.44	7.48	7.62	7.63	7.73	7.83	7.83	7.93	8.00	8.04	8.05
1981	8.44	8.05	8.15	8.19	8.31	8.28	8.37	8.56	8.47	8.65	8.72	8.76	8.75
1982		9.03	8.98										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	41.8	41.7	41.1	41.9	42.1	41.8	42.2	41.4	41.7	42.0	41.8	42.1	42.3
1978	41.6	41.1	41.5	41.7	41.8	41.4	41.6	41.1	41.4	41.3	41.9	42.2	42.5
1979	41.5	41.3	41.3	41.6	41.1	41.8	41.5	41.2	41.3	41.7	41.5	41.8	42.2
1980	41.0	41.4	41.3	41.3	41.0	40.8	40.6	40.0	40.5	40.6	40.9	41.7	42.2
1981	41.3	41.6	41.5	41.2	41.0	41.3	41.2	40.8	40.9	41.3	41.1	41.6	41.9
1982		40.4	40.5										

See footnotes at end of tables.

SIC 289—MISCELLANEOUS CHEMICAL PRODUCTS (Con.)

PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	3.4	3.4	3.1	3.3	3.8	3.2	3.6	3.2	3.4	3.7	3.4	3.4	3.5
1978	3.6	3.4	3.8	3.6	3.4	3.3	3.4	3.5	3.4	3.6	3.8	3.7	3.9
1979	3.5	3.5	3.3	3.2	3.0	3.3	3.1	3.1	3.7	4.0	3.8	4.1	3.6
1980	3.1	3.2	3.2	3.3	3.1	2.8	2.5	2.5	3.0	3.2	3.2	3.5	3.6
1981	3.1	3.6	3.5	3.2	2.9	2.9	2.8	2.8	3.0	3.3	3.1	3.0	3.0
1982		3.1	2.6										

SIC 29—PETROLEUM AND COAL PRODUCTS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	202.3	193.8	191.1	194.4	199.5	202.9	207.2	209.2	208.0	206.6	206.1	205.5	203.7
1978	207.7	201.3	202.0	203.8	205.8	207.1	212.3	212.3	212.3	210.1	209.9	208.7	206.7
1979	209.8	203.4	203.8	205.3	207.3	209.3	213.0	213.8	213.7	213.2	213.0	212.2	210.1
1980	197.9	208.9	155.1	152.1	172.7	203.5	209.5	212.8	213.5	212.3	212.1	212.3	210.0
1981	215.6	210.0	209.3	211.3	213.8	217.5	220.0	221.1	220.7	218.0	216.8	215.9	212.5
1982		204.7	203.2										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	23.4	21.7	22.1	22.7	23.2	23.3	24.1	24.6	24.5	23.9	23.7	23.7	23.8
1978	24.6	23.7	23.8	24.0	24.4	24.7	25.3	25.4	25.3	24.9	24.7	24.8	24.6
1979	26.3	24.5	24.6	25.0	25.3	25.6	26.9	27.2	27.1	27.1	27.3	27.2	27.5
1980	27.0	27.7	23.0	23.1	23.5	26.8	28.2	28.8	28.6	28.4	28.3	28.6	29.1
1981	31.1	29.4	29.5	29.8	30.2	30.8	31.7	32.2	32.3	31.9	31.9	31.9	32.0
1982		31.6	31.6										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	131.3	122.5	119.9	123.5	128.8	131.9	135.9	137.4	136.7	135.8	135.9	134.6	132.2
1978	135.5	130.8	131.0	132.3	133.9	134.8	138.8	138.8	139.4	137.6	137.3	136.7	134.6
1979	137.1	132.1	132.5	133.7	135.3	137.2	140.2	140.5	140.4	139.4	139.1	137.9	136.3
1980	124.7	134.0	86.5	83.9	107.3	131.1	135.3	137.3	138.0	136.8	136.6	136.1	133.1
1981	134.9	132.6	131.9	133.2	135.2	137.9	139.1	139.1	138.0	135.8	134.5	133.0	128.9
1982		121.6	120.1										

PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	334.34	311.17	322.34	331.14	334.27	332.28	335.05	338.77	332.78	341.26	342.14	341.78	348.87
1978	376.27	358.70	362.05	366.79	370.65	367.22	372.78	382.28	376.42	385.41	385.41	390.71	388.06
1979	409.97	385.63	388.57	407.34	414.42	409.91	404.05	413.66	407.22	424.65	418.07	428.29	411.00
1980	422.16	342.09	371.99	366.42	404.01	424.95	432.31	437.68	431.28	448.75	454.04	459.11	449.45
1981	491.62	471.56	481.95	478.82	500.90	492.66	491.99	499.49	486.76	512.82	494.36	499.10	493.73
1982		514.51	518.64										

PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	7.83	7.48	7.73	7.81	7.81	7.80	7.81	7.86	7.83	7.90	7.92	7.93	8.02
1978	8.63	8.44	8.60	8.53	8.56	8.56	8.55	8.61	8.62	8.70	8.70	8.78	8.88
1979	9.36	9.01	9.10	9.30	9.44	9.38	9.31	9.38	9.34	9.50	9.48	9.56	9.47
1980	10.10	9.45	9.37	9.30	9.83	10.07	10.22	10.25	10.22	10.34	10.39	10.53	10.38
1981	11.38	11.07	11.34	11.24	11.41	11.39	11.31	11.43	11.32	11.55	11.47	11.58	11.59
1982		11.91	12.29										

PRODUCTION-WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	42.7	41.6	41.7	42.4	42.8	42.6	42.9	43.1	42.5	43.2	43.2	43.1	43.5
1978	43.6	42.5	42.1	43.0	43.3	42.9	43.6	44.4	43.9	44.3	44.3	44.5	43.7
1979	43.8	42.8	42.7	43.8	43.9	43.7	43.4	44.1	43.6	44.7	44.1	44.8	43.4
1980	41.8	36.2	39.7	39.4	41.1	42.2	42.3	42.7	42.2	43.4	43.7	43.6	43.3
1981	43.2	42.6	42.5	42.6	43.9	43.6	43.5	43.7	43.0	44.4	43.1	43.1	42.6
1982		43.2	42.2										

See footnotes at end of tables

SIC 29—PETROLEUM AND COAL PRODUCTS (Con.)

PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	4.0	3.4	3.2	3.4	4.0	4.1	4.3	4.2	4.0	4.4	4.2	4.1	4.1
1978	4.3	3.7	3.8	3.8	4.2	4.1	4.3	4.5	4.4	4.7	4.7	4.5	4.5
1979	4.3	4.3	4.1	4.1	4.4	4.5	4.2	4.3	4.2	4.6	4.3	4.6	4.0
1980	3.7	3.1	4.0	4.1	3.6	3.6	3.0	3.5	3.6	3.9	4.2	4.0	3.7
1981	3.8	3.4	3.7	3.6	3.9	4.2	4.0	3.9	3.8	4.1	4.0	4.1	3.9
1982		4.0	3.3										

SIC 291—PETROLEUM REFINING

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	159.5	155.3	152.8	154.6	156.8	158.7	162.0	163.8	162.8	161.4	161.3	162.1	162.6
1978	164.1	162.3	163.1	163.6	163.3	163.6	166.7	166.8	165.9	163.9	163.8	163.4	163.2
1979	165.2	161.7	161.4	162.2	162.7	163.6	166.2	167.3	167.1	167.3	167.4	167.8	167.9
1980	154.8	166.7	112.9	109.4	130.0	160.4	166.0	169.1	169.0	167.7	167.9	168.5	169.5
1981	174.1	171.0	170.7	171.6	172.1	173.7	175.7	176.8	177.3	175.3	175.0	175.3	174.7
1982		170.5	169.6										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	18.8	17.2	17.7	18.2	18.7	18.7	19.3	19.8	19.7	19.2	18.9	19.1	19.2
1978	19.9	19.2	19.4	19.6	19.9	20.1	20.5	20.6	20.4	20.0	19.7	19.8	19.7
1979	21.1	19.6	19.6	20.0	20.1	20.5	21.7	21.9	21.8	21.8	21.9	22.0	22.3
1980	21.8	22.4	17.7	18.0	18.3	21.6	23.0	23.6	23.5	23.3	23.2	23.6	24.0
1981	25.9	24.3	24.4	24.8	25.1	25.6	26.3	26.8	27.0	26.6	26.5	26.7	26.9
1982		26.6	26.7										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	99.3	94.7	92.3	94.4	96.9	98.5	101.7	103.0	102.4	101.6	102.0	102.3	102.2
1978	103.3	102.3	102.8	103.1	102.6	102.7	104.6	104.8	104.6	103.1	103.1	103.2	103.2
1979	104.1	102.0	102	102.5	102.7	103.4	105.3	105.7	105.5	105.0	105.0	105.0	104.8
1980	93.4	103.8	55.7	52.7	75.9	99.9	104.1	106.0	105.9	104.5	104.3	104.0	104.2
1981	105.3	105.0	104.6	104.9	105.2	106.1	106.9	106.9	106.6	105.2	104.7	104.3	102.9
1982		99.2	98.1										

PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	359.55	333.98	346.53	357.86	363.80	361.68	360.40	364.66	355.73	365.09	366.79	367.65	371.95
1978	401.69	388.51	393.47	394.62	399.04	394.40	396.76	405.48	401.26	409.40	407.09	417.25	411.35
1979	439.49	412.48	416.50	439.62	451.72	440.08	434.02	442.10	434.16	455.62	447.46	458.75	439.50
1980	455.10	355.35	408.81	402.95	446.20	461.78	465.04	470.37	461.00	478.90	485.27	493.63	478.03
1981	529.83	507.70	521.30	515.03	544.45	533.05	529.40	539.00	520.99	551.82	529.05	525.41	526.34
1982		553.75	559.42										

PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	8.48	7.99	8.35	8.46	8.52	8.51	8.52	8.56	8.49	8.55	8.59	8.55	8.61
1978	9.32	9.12	9.28	9.22	9.28	9.28	9.27	9.30	9.31	9.39	9.38	9.44	9.50
1979	10.08	9.66	9.80	10.06	10.22	10.14	10.07	10.14	10.05	10.17	10.17	10.24	10.15
1980	10.94	10.33	10.73	10.66	10.83	10.84	11.02	10.99	10.95	11.06	11.13	11.27	11.04
1981	12.18	11.89	12.18	12.09	12.29	12.17	12.17	12.25	12.06	12.29	12.19	12.28	12.23
1982		12.50	13.04										

PRODUCTION-WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	42.4	41.8	41.5	42.3	42.7	42.5	42.3	42.6	41.9	42.7	42.7	43.0	43.2
1978	43.1	42.6	42.4	42.8	43.0	42.5	42.8	43.6	43.1	43.6	43.4	44.2	43.3
1979	43.6	42.7	42.5	43.7	44.2	43.4	43.1	43.6	43.2	44.8	44.0	44.6	43.3
1980	41.6	34.4	38.1	37.8	41.2	42.6	42.2	42.8	42.1	43.3	43.6	43.6	43.3
1981	43.5	42.7	42.8	42.6	44.3	43.8	43.5	44.0	43.2	44.9	43.4	43.6	43.2
1982		44.3	42.9										

SIC 291—PETROLEUM REFINING (Con.)

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	3.5	3.2	2.9	3.0	3.7	3.7	3.6	3.5	3.2	3.6	3.6	3.7	3.7
1978	3.5	3.0	3.5	3.2	3.6	3.4	3.3	3.4	3.2	3.7	3.7	3.8	3.9
1979	3.6	3.6	3.6	3.5	4.0	3.8	3.4	3.7	3.6	4.4	3.7	4.2	3.6
1980	3.3	2.7	3.6	3.5	3.5	3.6	2.6	3.0	3.0	3.4	3.7	3.8	3.4
1981	3.6	3.2	3.6	3.3	3.8	4.0	3.7	3.6	3.4	3.9	3.8	4.1	3.0
1982		4.3	3.5										

SIC 295—PAVING AND ROOFING MATERIALS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	31.6	27.6	27.3	28.8	31.5	32.9	33.7	33.9	33.7	33.9	33.6	32.3	30.1
1978	32.3	28.0	28.0	29.3	31.7	32.5	34.2	34.0	34.6	34.7	34.7	33.8	31.9
1979	32.6	30.1	30.4	31.1	32.5	33.4	34.3	34.1	34.3	33.9	33.7	32.6	30.9
1980	31.0	30.0	29.9	30.4	30.6	30.6	31.0	31.4	32.5	32.8	32.2	31.7	29.4
1981	29.2	26.5	26.4	27.4	29.1	31.2	31.7	31.8	31.1	30.5	29.6	28.5	25.7
1982		22.3	21.8										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	24.3	20.4	20.1	21.6	24.2	25.6	26.3	26.5	26.4	26.5	26.3	24.9	22.7
1978	25.0	21.1	21.0	22.1	24.4	25.1	26.9	26.6	27.4	27.3	27.1	26.4	24.3
1979	25.5	23.1	23.2	24.0	25.2	26.3	27.2	27.0	27.2	26.9	26.5	25.5	24.0
1980	23.5	22.8	22.9	23.3	23.6	23.2	23.2	23.6	24.6	25.0	24.7	24.4	21.2
1981	21.9	19.8	19.5	20.4	22.0	23.7	24.1	24.3	23.7	23.1	22.4	21.3	18.7
1982		15.2	14.9										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	264.62	236.65	248.11	251.71	250.97	251.85	271.19	270.22	273.91	280.30	280.90	269.67	278.31
1978	303.07	253.38	250.20	272.95	284.94	286.84	309.45	323.42	326.31	329.21	330.86	318.30	323.40
1979	324.54	299.59	298.08	309.15	304.48	325.97	323.44	338.11	339.02	343.07	337.32	339.26	330.24
1980	331.44	301.97	308.45	304.43	301.92	312.30	329.18	335.05	338.98	361.71	366.30	355.78	357.35
1981	370.66	345.23	338.10	356.65	357.33	371.80	381.40	382.37	387.10	388.67	389.10	377.24	363.31
1982		336.29	340.65										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	5.62	5.73	5.73	5.76	5.73	5.75	5.87	5.90	6.02	6.12	6.08	6.06	6.09
1978	6.56	5.92	6.00	6.12	6.29	6.36	6.57	6.71	6.77	6.83	6.85	6.86	7.00
1979	7.18	6.64	6.79	6.87	6.92	7.18	7.14	7.24	7.37	7.54	7.43	7.44	7.29
1980	7.69	6.99	7.14	7.18	7.40	7.58	7.62	7.81	7.87	8.11	8.14	8.16	8.14
1981	8.54	8.01	8.05	8.18	8.31	8.45	8.59	8.77	8.94	9.06	9.07	9.09	9.06
1982		9.04	8.99										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	44.7	41.3	43.3	43.7	43.8	43.8	46.2	45.8	45.5	45.8	46.2	44.5	45.7
1978	46.2	42.6	41.7	44.6	45.3	45.1	47.1	48.2	48.2	48.2	48.3	46.4	45.3
1979	46.2	43.8	43.9	45.0	44.0	45.4	45.3	46.7	46.0	45.5	45.4	45.6	45.3
1980	43.1	43.2	43.2	42.4	40.8	41.2	43.2	42.9	43.2	44.6	45.0	43.6	43.9
1981	42.9	43.1	42.0	43.6	43.0	44.0	44.4	43.6	43.3	42.9	42.9	41.5	40.1
1982		37.2	39.2										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	6.3	4.3	4.6	5.5	5.5	6.2	7.4	7.1	7.3	7.7	7.0	5.8	6.3
1978	7.7	5.6	5.6	6.6	7.1	7.1	8.5	9.0	9.2	9.0	9.0	7.2	7.4
1979	7.3	6.4	6.3	6.9	6.4	7.5	7.3	8.1	7.9	8.3	7.7	7.5	6.9
1980	5.4	6.2	5.1	5.5	4.1	4.2	5.3	5.9	6.2	6.8	7.0	5.8	5.9
1981	5.5	5.5	5.0	5.6	5.3	5.7	6.1	5.6	5.9	5.6	5.9	5.0	3.6
1982		2.8	3.0										

See footnotes at end of tables

SIC 30—RUBBER AND MISC. PLASTICS PRODUCTS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	713.5	682.1	687.7	694.3	701.7	709.0	722.4	713.4	718.8	728.9	732.8	735.4	735.5
1978	754.5	733.2	734.4	739.8	743.4	745.3	760.2	746.3	756.9	765.8	771.3	777.3	779.5
1979	781.6	777.5	781.2	782.6	782.4	786.2	792.1	784.9	784.0	781.4	780.6	777.0	768.8
1980	726.8	762.9	761.2	762.7	754.0	721.6	708.7	678.4	693.9	709.6	719.0	723.6	725.9
1981	736.1	722.4	725.1	729.0	735.4	741.1	750.9	738.8	749.2	752.9	740.0	730.5	718.3
1982		710.8	706.5										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	237.4	224.3	227.1	229.8	232.1	236.0	239.8	234.8	236.8	243.7	247.3	248.4	248.6
1978	261.1	247.7	249.4	252.1	254.6	257.0	263.2	255.7	262.4	268.2	272.5	275.4	274.5
1979	274.4	272.2	273.8	274.6	274.2	276.9	280.7	275.8	274.1	273.7	274.9	273.5	268.0
1980	251.0	266.4	264.6	265.1	261.4	246.6	240.8	228.8	237.7	246.1	249.8	251.9	252.2
1981	258.8	251.1	252.2	254.7	258.1	260.9	266.3	260.8	264.8	266.9	261.9	256.9	251.1
1982		245.0	244.2										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	558.1	531.3	536.2	543.0	550.1	556.5	567.5	557.0	560.6	569.9	573.6	575.8	575.2
1978	591.2	572.5	573.6	578.6	582.1	584.8	597.7	582.1	592.2	600.4	605.2	611.3	613.4
1979	611.8	611.0	614.6	615.2	613.5	617.1	621.7	612.2	610.9	609.9	609.7	606.9	598.3
1980	559.4	593.0	590.5	592.1	582.6	551.4	539.8	511.4	530.2	545.8	555.2	559.1	561.2
1981	569.0	558.0	561.4	564.5	569.7	574.7	581.3	569.1	579.7	584.2	572.1	562.3	550.9
1982		545.4	541.3										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	211.97	208.38	209.39	209.30	209.92	209.51	214.45	208.75	211.34	214.54	214.95	216.19	218.89
1978	225.77	212.93	211.33	216.93	219.63	221.82	225.23	224.52	227.40	231.84	234.17	236.39	242.34
1979	241.79	239.20	240.61	242.19	229.31	238.95	240.94	239.99	238.80	245.43	248.67	248.65	253.97
1980	260.80	253.09	251.60	252.40	252.10	248.57	253.49	252.06	263.60	267.73	273.64	278.94	286.77
1981	288.55	284.38	279.10	283.79	284.52	290.90	292.03	286.48	292.09	289.41	293.46	291.67	295.94
1982		283.88	298.85										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	5.17	5.12	5.07	5.08	5.12	5.11	5.18	5.18	5.18	5.22	5.23	5.26	5.30
1978	5.52	5.35	5.35	5.33	5.37	5.45	5.48	5.53	5.56	5.60	5.67	5.71	5.77
1979	5.97	5.82	5.84	5.85	5.82	5.90	5.92	5.97	5.97	6.06	6.14	6.17	6.24
1980	6.52	6.28	6.29	6.31	6.35	6.39	6.45	6.53	6.59	6.66	6.74	6.82	6.91
1981	7.16	6.97	6.96	6.99	7.06	7.13	7.14	7.18	7.23	7.29	7.30	7.31	7.38
1982		7.51	7.49										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	41.0	40.7	41.3	41.2	41.0	41.0	41.4	40.3	40.8	41.1	41.1	41.1	41.3
1978	40.9	39.8	39.5	40.7	40.9	40.7	41.1	40.6	40.9	41.4	41.3	41.4	42.0
1979	40.5	41.1	41.2	41.4	39.4	40.5	40.7	40.2	40.0	40.5	40.5	40.3	40.7
1980	40.0	40.3	40.0	40.0	39.7	38.9	39.3	38.6	40.0	40.2	40.6	40.9	41.5
1981	40.3	40.8	40.1	40.6	40.3	40.8	40.9	39.9	40.4	39.7	40.2	39.9	40.1
1982		37.9	39.9										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	3.7	4.0	3.8	3.7	3.8	3.6	3.8	3.3	3.5	3.8	3.7	3.5	3.5
1978	3.7	3.2	3.4	3.4	3.5	3.5	3.7	3.5	3.7	4.0	4.0	3.9	4.0
1979	3.0	3.9	3.8	3.8	2.4	3.4	3.4	2.5	2.6	2.8	2.8	2.7	2.7
1980	2.7	2.6	2.4	2.8	2.4	2.1	2.1	2.2	2.7	3.1	3.1	3.1	3.5
1981	3.0	3.3	3.0	3.1	2.8	3.2	3.2	3.0	3.2	3.1	3.0	2.6	2.6
1982		2.4	2.6										

SIC 301—TIRES AND INNER TUBES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	130.3	128.0	128.9	129.9	130.5	131.4	132.9	132.2	131.5	131.1	129.3	129.4	128.6
1978	126.7	128.1	127.4	126.3	125.9	125.7	127.4	124.9	126.9	126.4	126.5	127.3	127.3
1979	127.1	126.5	127.5	127.6	130.7	129.0	125.2	128.9	128.4	127.8	124.6	124.0	124.7
1980	114.8	123.3	122.1	121.5	121.6	118.4	117.4	110.8	106.8	107.0	109.5	109.8	109.9
1981	107.3	107.6	107.3	107.6	107.4	106.9	108.5	107.7	107.4	107.4	106.6	106.7	106.2
1982		107.4	106.2										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	12.5	12.3	12.5	12.4	12.5	12.7	12.8	12.6	12.6	12.5	12.3	12.2	12.2
1978	12.1	12.0	12.0	11.8	11.9	11.9	12.2	11.9	12.2	12.2	12.2	12.2	12.3
1979	12.4	12.2	12.2	12.2	12.6	12.5	12.2	12.6	12.6	12.5	12.2	12.3	12.4
1980	11.1	12.1	12.2	12.1	12.0	11.5	11.3	10.8	10.0	10.0	10.2	10.4	10.5
1981	10.3	10.2	10.3	10.2	10.3	10.3	10.5	10.5	10.4	10.1	10.1	10.0	10.1
1982		9.7	9.5										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	95.5	93.2	94.2	95.5	96.2	97.0	98.0	97.0	96.4	95.6	94.3	94.6	93.6
1978	92.0	93.0	92.2	91.3	91.0	91.4	93.1	90.4	92.3	91.9	91.7	92.4	92.8
1979	91.6	92.0	92.9	93.0	95.4	93.9	90.0	92.0	91.7	91.2	88.5	88.7	89.9
1980	80.5	88.1	86.2	85.3	85.4	81.6	81.5	75.4	74.4	74.9	77.1	77.6	78.2
1981	74.9	76.5	76.3	76.3	76.0	75.2	74.8	73.2	73.6	74.4	73.9	74.1	73.9
1982		75.9	75.0										

PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	319.57	338.62	332.28	324.47	323.82	313.79	324.12	311.71	315.08	312.74	310.68	313.54	314.08
1978	337.04	310.99	305.21	302.66	318.42	330.93	335.66	336.69	348.21	352.00	362.37	370.05	375.91
1979	360.78	375.42	377.10	368.24	344.04	346.52	347.76	346.86	347.49	363.38	377.65	368.74	371.54
1980	391.55	374.24	369.15	366.28	365.04	353.77	367.65	362.45	407.81	423.43	432.37	439.26	446.40
1981	459.68	461.34	439.30	439.74	445.95	462.16	465.09	460.91	474.24	464.62	476.01	462.49	460.08
1982		452.39	476.68										

PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	7.23	7.22	7.10	7.10	7.18	7.02	7.30	7.30	7.26	7.29	7.31	7.36	7.39
1978	7.82	7.44	7.39	7.40	7.51	7.75	7.77	7.83	7.95	8.00	8.18	8.26	8.28
1979	8.59	8.38	8.38	8.35	8.29	8.37	8.40	8.46	8.58	8.82	9.10	9.06	9.04
1980	9.74	9.15	9.16	9.18	9.36	9.51	9.50	9.93	10.02	10.13	10.27	10.36	10.43
1981	11.05	10.63	10.56	10.52	10.72	11.03	11.10	11.16	11.40	11.36	11.47	11.36	11.36
1982		11.57	11.57										

PRODUCTION-WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	44.2	46.9	46.8	45.7	45.1	44.7	44.4	42.7	43.4	42.9	42.5	42.6	42.5
1978	43.1	41.8	41.3	40.9	42.4	42.7	43.2	43.0	43.8	44.0	44.3	44.8	45.4
1979	42.0	44.8	45.0	44.1	41.5	41.4	41.4	41.0	40.5	41.2	41.5	40.7	41.1
1980	40.2	40.9	40.2	39.9	39.0	37.2	38.7	36.5	40.7	41.8	42.1	42.4	42.8
1981	41.6	43.4	41.6	41.8	41.6	41.9	41.9	41.3	41.6	40.9	41.5	40.8	40.5
1982		39.1	41.2										

PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	5.6	7.9	7.4	6.5	6.3	5.5	5.6	4.8	5.1	4.8	4.6	4.2	4.4
1978	4.9	3.8	3.7	3.3	4.1	4.7	5.2	5.0	5.4	5.8	6.1	5.7	6.4
1979	4.0	6.0	6.1	5.4	3.4	4.3	3.7	3.7	3.5	4.0	4.0	3.2	2.5
1980	2.3	2.4	2.0	1.8	1.4	.8	1.1	1.6	2.5	3.3	3.3	3.9	3.9
1981	3.2	4.8	3.6	3.1	2.9	2.9	3.0	2.9	3.7	3.0	3.4	2.4	2.2
1982		2.6	2.8										

See footnotes at end of tables.

SIC 302—RUBBER AND PLASTICS FOOTWEAR

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	24.2	25.3	24.4	24.4	24.9	25.4	24.9	23.7	22.5	23.5	23.5	23.7	24.2
1978	24.0	23.4	23.6	23.8	24.0	22.3	24.6	22.3	24.6	24.7	24.9	24.6	25.1
1979	22.7	24.7	24.3	23.9	23.2	22.6	23.3	21.4	21.9	21.9	22.0	21.7	21.8
1980	22.3	21.8	21.7	21.9	22.3	21.9	22.4	20.6	22.4	23.6	23.2	23.5	22.8
1981	22.2	22.0	22.1	22.2	22.4	22.4	22.8	22.1	22.5	22.6	20.5	22.6	22.0
1982		21.1	20.0										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	14.8	15.6	15.1	14.9	15.1	15.5	15.2	14.4	13.2	14.2	14.4	14.6	14.9
1978	14.1	14.4	14.6	14.8	14.8	13.7	14.0	12.2	14.0	13.8	14.2	14.3	14.7
1979	13.4	14.4	14.3	14.0	13.6	13.4	13.7	12.4	12.8	12.9	13.0	12.8	13.1
1980	13.7	13.7	13.2	13.6	13.7	13.3	13.8	12.4	13.8	14.6	14.2	14.3	13.9
1981	13.6	13.5	13.8	13.8	13.9	13.8	14.0	13.5	13.7	13.8	12.4	13.7	13.6
1982		12.7	12.2										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	20.9	21.9	21.1	21.1	21.5	22.0	21.5	20.3	19.1	20.3	20.4	20.6	21.1
1978	21.0	20.4	20.6	20.8	21.0	19.6	21.6	19.4	21.5	21.6	21.8	21.5	22.0
1979	19.9	21.7	21.3	20.9	20.2	19.6	20.3	18.6	19.2	19.3	19.4	19.0	19.2
1980	19.8	19.0	19.0	19.4	19.8	19.3	19.8	18.4	20.0	21.2	20.7	20.7	20.1
1981	19.6	19.4	19.7	19.7	19.8	19.8	20.2	19.6	19.9	19.9	17.9	19.9	19.3
1982		18.5	17.3										

PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	137.23	132.50	135.04	136.84	136.15	135.41	138.34	132.49	133.94	139.71	141.60	141.31	142.72
1978	145.16	141.38	138.01	145.51	146.66	145.52	144.78	136.89	139.50	147.44	148.61	150.54	156.62
1979	157.38	149.20	153.87	153.85	146.97	153.44	154.22	155.39	157.08	163.49	162.12	166.92	175.87
1980	178.53	179.14	173.84	174.94	176.95	181.25	182.21	187.44	184.82	177.56	170.48	179.10	175.67
1981	178.40	177.84	169.63	173.33	169.40	177.71	186.51	184.51	175.96	168.70	182.09	181.67	182.27
1982		182.07	201.98										

PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	3.64	3.64	3.63	3.62	3.65	3.64	3.65	3.61	3.62	3.61	3.64	3.68	3.65
1978	3.80	3.75	3.74	3.76	3.78	3.77	3.79	3.73	3.76	3.80	3.84	3.88	3.97
1979	4.12	4.00	4.06	4.07	4.06	4.07	4.08	4.10	4.08	4.16	4.20	4.28	4.30
1980	4.43	4.38	4.39	4.44	4.38	4.41	4.38	4.40	4.39	4.45	4.51	4.50	4.47
1981	4.77	4.56	4.56	4.71	4.64	4.79	4.77	4.78	4.73	4.82	4.83	4.91	4.93
1982		5.10	5.26										

PRODUCTION-WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	37.7	36.4	37.2	37.8	37.3	37.2	37.9	36.7	37.0	38.7	38.9	38.4	39.1
1978	38.2	37.7	36.9	38.7	38.8	38.6	38.2	36.7	37.1	38.8	38.7	38.8	39.5
1979	38.2	37.3	37.9	37.8	36.2	37.7	37.8	37.9	38.5	39.3	38.6	39.0	40.8
1980	40.3	40.9	39.6	39.4	40.4	41.1	41.6	42.6	42.1	39.9	37.8	39.8	39.2
1981	37.4	39.0	37.2	36.8	35.0	37.1	39.1	38.6	37.2	35.0	37.7	37.0	39.0
1982		35.7	38.4										

PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	2.1	2.5	2.3	2.1	2.0	1.9	2.1	1.7	1.6	2.1	2.2	1.9	2.4
1978	2.3	2.3	2.3	2.3	2.3	2.6	2.5	1.5	2.1	2.5	2.3	2.0	2.4
1979	2.1	1.9	2.2	1.8	1.1	2.0	1.9	1.4	2.4	2.6	2.1	2.5	3.3
1980	3.0	3.2	2.5	2.7	2.8	2.9	2.8	3.1	3.2	3.2	3.2	3.6	2.9
1981	2.0	2.5	2.3	2.2	1.5	2.3	2.9	2.5	2.0	1.4	1.8	1.5	1.5
1982		1.1	2.0										

SIC 303,4—RECLAIMED RUBBER, HOSE AND BELTING

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	24.0	23.8	23.7	23.0	23.7	22.5	23.3	23.5	24.2	24.5	25.0	25.0	25.3
1978	24.7	25.0	25.1	24.7	24.8	24.8	25.5	24.6	24.6	24.1	24.5	24.4	24.8
1979	25.3	24.8	25.1	25.2	24.5	24.9	25.8	25.5	25.5	25.5	25.6	25.9	25.0
1980	23.3	25.1	25.3	24.8	24.7	23.0	22.8	20.2	21.7	22.4	22.9	22.9	23.2
1981	23.6	22.9	22.9	23.2	23.8	23.8	24.1	24.1	24.3	24.6	24.0	23.2	22.6
1982		21.4	20.9										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	6.0	5.7	5.6	5.5	5.7	5.7	6.0	5.9	6.1	6.2	6.4	6.4	6.5
1978	6.4	6.3	6.4	6.3	6.4	6.4	6.7	6.4	6.4	6.5	6.6	6.4	6.4
1979	6.6	6.3	6.4	6.5	6.3	6.4	6.8	6.7	6.7	6.7	6.7	6.7	6.6
1980	5.9	6.6	6.4	6.2	6.1	5.8	5.7	4.9	5.2	5.5	5.7	5.8	5.9
1981	6.5	5.7	5.7	5.9	6.0	6.1	7.5	7.4	7.2	7.1	6.9	6.6	6.4
1982		5.2	5.0										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	18.4	18.6	18.4	17.7	18.3	17.2	17.9	18.0	18.4	18.8	19.1	19.0	19.2
1978	18.6	19.0	19.1	18.6	18.6	18.6	19.3	18.2	18.5	17.9	18.3	18.3	18.7
1979	18.6	18.6	19.0	19.0	18.3	18.6	19.7	19.2	19.0	18.8	18.7	18.9	17.8
1980	16.2	17.9	18.2	17.8	17.4	16.1	15.5	13.5	14.8	15.5	16.0	16.1	16.0
1981	16.6	15.8	15.8	16.2	16.8	16.8	17.0	16.9	17.0	17.4	17.0	16.3	15.8
1982		15.6	15.0										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	217.71	209.68	210.20	209.68	215.54	217.42	222.60	211.87	213.56	222.19	227.88	227.10	223.31
1978	232.63	224.52	223.17	218.97	226.29	229.73	232.11	230.36	237.42	245.10	238.71	245.95	250.67
1979	253.58	244.67	247.86	247.10	231.27	246.82	260.04	247.05	256.67	269.24	261.43	261.70	268.55
1980	286.49	286.69	274.98	275.64	272.30	261.90	284.69	287.15	294.65	299.71	297.44	302.94	308.48
1981	303.31	301.80	306.40	316.92	322.76	329.18	327.75	324.06	327.54	322.00	326.82	319.59	328.05
1982		313.15	314.80										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	4.91	5.02	5.06	5.19	5.27	5.29	5.30	5.31	5.26	5.38	5.40	5.42	5.46
1978	5.66	5.53	5.48	5.42	5.56	5.62	5.62	5.66	5.68	5.74	5.78	5.87	5.94
1979	6.24	5.91	5.92	5.94	5.93	6.02	6.09	6.10	6.17	6.38	6.33	6.43	6.44
1980	6.90	6.62	6.61	6.61	6.74	6.75	6.86	7.09	7.10	7.17	7.15	7.23	7.31
1981	7.78	7.22	7.42	7.51	7.74	7.74	7.70	7.79	7.95	8.05	8.03	8.05	8.12
1982		8.04	8.22										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	41.0	40.0	40.5	40.4	40.9	41.1	42.0	39.9	40.6	41.3	42.2	41.9	40.9
1978	41.1	40.6	39.9	40.4	40.7	40.7	41.3	40.7	41.8	42.7	41.3	41.9	42.2
1979	42.3	41.4	42.6	41.6	39.0	41.0	42.7	40.5	41.6	42.2	41.3	40.7	41.7
1980	41.4	40.3	41.6	41.7	40.4	38.9	41.5	40.5	41.5	41.8	41.6	41.9	42.2
1981	41.3	41.6	41.3	42.2	41.7	42.4	42.5	41.6	41.2	40.0	40.7	39.7	40.4
1982		39.7	40.0										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	4.1	4.4	3.9	3.2	4.2	4.0	4.5	3.8	3.9	4.5	4.4	4.3	4.0
1978	4.3	4.4	4.1	3.5	3.9	4.1	3.8	4.4	4.3	4.9	4.4	4.8	4.6
1979	4.1	4.1	4.1	4.4	2.4	4.3	5.3	4.2	4.2	4.1	3.9	3.3	3.5
1980	2.4	3.4	2.9	2.1	1.8	1.3	1.5	1.7	2.8	3.2	2.7	2.9	3.2
1981	2.6	2.5	2.3	3.5	2.7	3.1	3.2	3.1	3.1	2.8	2.9	1.8	1.8
1982		1.9	1.9										

SIC 306—FABRICATED RUBBER PRODUCTS, NEC

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	112.3	109.4	109.5	110.7	111.5	112.2	114.1	112.2	113.4	113.6	113.7	113.8	114.0
1978	115.8	113.4	113.6	114.1	115.3	115.4	116.4	114.6	115.6	116.3	116.7	118.6	119.7
1979	118.4	119.8	120.7	120.5	120.7	120.7	120.4	119.7	118.5	116.5	116.1	114.6	112.6
1980	105.4	112.0	110.6	110.6	108.7	103.9	101.4	97.5	101.1	103.5	104.5	105.3	105.2
1981	105.0	105.1	104.2	104.3	105.2	106.1	107.3	104.7	106.8	107.7	105.7	103.4	99.9
1982		98.0	98.4										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	38.5	37.4	37.8	38.0	38.2	38.8	39.0	38.3	38.8	38.8	38.8	38.9	39.0
1978	40.1	38.6	38.9	39.1	39.5	39.7	40.4	39.2	40.1	40.3	41.0	41.9	42.0
1979	41.7	42.1	42.3	42.3	42.7	42.9	42.8	42.0	41.9	40.9	40.8	40.3	38.9
1980	35.8	38.8	38.0	38.0	37.5	35.3	34.0	32.4	33.7	35.3	35.7	35.8	35.6
1981	36.3	35.6	35.2	35.5	36.0	36.6	37.2	36.5	37.1	37.5	37.2	36.0	34.7
1982		33.6	33.7										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	87.6	85.0	85.0	86.3	86.8	87.5	89.3	87.5	88.6	88.7	88.4	89.0	89.1
1978	90.8	88.5	88.7	89.3	90.1	90.5	91.6	89.6	90.5	91.3	91.7	93.4	94.4
1979	93.2	94.8	95.1	95.1	95.2	95.3	95.0	94.2	93.2	91.5	91.0	89.8	87.8
1980	81.7	87.2	86.0	86.3	84.4	80.1	78.0	74.6	78.0	80.2	81.3	82.2	81.9
1981	81.8	81.8	81.2	81.3	82.2	82.9	84.1	81.7	83.4	84.3	82.5	80.0	76.6
1982		74.7	75.0										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	196.43	187.06	188.94	189.88	191.23	191.43	196.91	192.55	195.69	201.47	204.09	205.00	209.58
1978	212.63	200.55	200.66	207.06	208.68	210.42	211.01	210.67	213.19	218.12	221.81	222.76	228.93
1979	229.31	226.32	227.96	231.28	216.84	225.28	227.86	226.51	229.82	232.13	233.96	233.60	240.17
1980	244.11	235.22	237.20	236.59	237.55	233.86	238.07	233.46	245.23	251.83	256.37	260.42	268.38
1981	269.07	261.85	258.70	264.22	263.60	270.50	270.54	264.37	271.88	271.26	276.58	277.49	277.31
1982		256.92	261.78										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	4.85	4.70	4.70	4.70	4.71	4.75	4.85	4.85	4.88	4.95	4.99	5.00	5.05
1978	5.25	5.09	5.08	5.10	5.14	5.17	5.21	5.28	5.29	5.32	5.41	5.42	5.49
1979	5.69	5.52	5.56	5.60	5.56	5.59	5.64	5.72	5.76	5.76	5.82	5.84	5.93
1980	6.18	5.94	5.99	6.02	6.06	6.09	6.12	6.16	6.24	6.28	6.33	6.43	6.53
1981	6.71	6.53	6.50	6.54	6.59	6.63	6.68	6.71	6.78	6.85	6.88	6.92	6.95
1982		7.08	7.08										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	40.5	39.8	40.2	40.4	40.6	40.3	40.6	39.7	40.1	40.7	40.9	41.0	41.5
1978	40.5	39.4	39.5	40.6	40.6	40.7	40.5	39.9	40.3	41.0	41.0	41.1	41.7
1979	40.3	41.0	41.0	41.3	39.0	40.3	40.4	39.6	39.9	40.3	40.2	40.0	40.5
1980	39.5	39.6	39.6	39.3	39.2	38.4	38.9	37.9	39.3	40.1	40.5	40.5	41.1
1981	40.1	40.1	39.8	40.4	40.0	40.8	40.5	39.4	40.1	39.6	40.2	40.1	39.9
1982		37.7	39.8										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	2.9	2.7	2.5	2.7	2.6	2.6	2.9	2.4	3.0	3.2	3.3	3.1	3.2
1978	3.3	2.8	3.2	3.1	3.1	3.1	3.1	3.0	3.3	3.7	3.6	3.5	3.7
1979	2.9	3.6	3.5	3.4	2.0	3.0	3.0	2.5	2.7	3.0	2.7	2.7	2.7
1980	2.4	2.4	2.5	2.4	2.0	1.7	2.0	1.8	2.4	2.6	2.7	2.8	3.3
1981	2.6	2.8	2.5	2.6	2.5	3.0	2.9	2.5	2.7	2.7	2.6	2.4	2.2
1982		2.0	2.3										

See footnotes at end of tables.

SIC 307

SIC 307—MISCELLANEOUS PLASTICS PRODUCTS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	422.7	395.6	401.2	406.3	411.1	417.5	427.2	421.8	427.2	436.2	441.3	443.5	443.4
1978	463.2	443.3	444.7	450.9	453.4	457.1	466.3	459.9	465.2	474.3	478.7	482.4	482.6
1979	488.1	481.7	483.6	485.4	483.3	489.0	497.3	489.4	489.7	489.7	492.3	490.8	484.7
1980	461.0	480.7	481.5	483.9	476.7	454.4	444.7	429.3	441.9	453.1	458.9	462.1	464.8
1981	478.0	464.8	468.6	471.7	476.6	481.9	488.2	480.2	488.2	490.6	483.2	474.6	467.6
1982		462.9	461.0										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	165.7	153.3	156.1	159.0	160.6	163.3	166.8	163.6	166.1	172.0	175.4	176.3	176.0
1978	188.4	176.4	177.5	180.1	182.0	185.3	189.9	186.0	189.7	195.4	198.5	200.6	199.1
1979	200.4	197.2	198.6	199.6	199.0	201.7	205.2	202.1	200.1	200.7	202.2	201.4	197.0
1980	184.5	195.2	194.8	195.2	192.1	180.7	176.0	168.4	175.0	180.7	184.0	185.6	186.3
1981	192.1	186.1	187.2	189.3	191.9	194.1	197.1	192.9	196.4	198.4	195.3	190.6	186.3
1982		183.8	183.8										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	335.7	312.6	317.5	322.4	327.3	332.8	340.8	334.2	338.1	346.5	351.4	352.6	352.2
1978	368.8	351.6	353.0	358.6	361.4	364.7	372.1	364.5	369.4	377.7	381.7	385.7	385.5
1979	388.3	383.9	386.3	387.2	384.4	389.7	396.7	388.2	387.8	389.1	392.1	390.5	383.6
1980	361.2	380.8	381.1	383.3	375.6	354.3	345.0	329.5	343.0	354.0	360.1	362.5	365.0
1981	376.2	364.5	368.4	371.0	374.9	380.0	385.2	377.7	385.8	388.2	380.8	372.0	365.3
1982		360.7	359.0										

PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	190.35	180.06	183.37	185.03	186.13	188.26	192.29	188.00	189.88	194.21	195.50	196.73	200.57
1978	205.44	193.95	193.75	202.46	201.47	201.19	206.23	204.42	204.93	209.82	211.34	212.16	217.24
1979	220.84	214.65	215.06	219.76	208.01	220.18	223.85	221.50	218.80	223.82	226.64	227.70	233.04
1980	239.20	231.38	230.62	233.38	232.62	230.69	232.66	232.62	240.60	242.59	248.06	253.56	261.02
1981	263.31	257.58	254.56	260.65	261.39	265.36	266.83	261.88	265.58	264.67	264.80	265.07	270.68
1982		256.74	268.37										

PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	4.70	4.57	4.55	4.58	4.63	4.66	4.69	4.70	4.70	4.76	4.78	4.81	4.88
1978	5.06	4.91	4.93	4.95	4.95	4.98	5.03	5.06	5.06	5.13	5.18	5.20	5.26
1979	5.48	5.30	5.31	5.36	5.32	5.45	5.50	5.51	5.47	5.54	5.61	5.65	5.74
1980	5.98	5.77	5.78	5.82	5.83	5.87	5.92	5.98	6.03	6.06	6.14	6.23	6.32
1981	6.55	6.36	6.38	6.42	6.47	6.52	6.54	6.58	6.59	6.65	6.62	6.66	6.75
1982		6.81	6.76										

PRODUCTION-WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	40.5	39.4	40.3	40.4	40.2	40.4	41.0	40.0	40.4	40.8	40.9	40.9	41.1
1978	40.6	39.5	39.3	40.9	40.7	40.8	41.0	40.4	40.5	40.9	40.8	40.8	41.3
1979	40.3	40.5	40.5	41.0	39.1	40.4	40.7	40.2	40.0	40.4	40.4	40.3	40.6
1980	40.0	40.1	39.9	40.1	39.9	39.3	39.3	38.9	39.9	39.9	40.4	40.7	41.3
1981	40.2	40.5	39.9	40.6	40.4	40.7	40.8	39.8	40.3	39.8	40.0	39.8	40.1
1982		37.7	39.7										

PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	3.4	3.2	3.2	3.2	3.4	3.4	3.6	3.2	3.3	3.7	3.6	3.5	3.4
1978	3.5	3.2	3.4	3.6	3.5	3.3	3.6	3.3	3.4	3.7	3.7	3.6	3.5
1979	3.2	3.4	3.3	3.5	2.3	3.3	3.4	3.0	3.2	3.3	3.4	3.3	3.2
1980	2.9	3.1	3.0	3.1	2.7	2.4	2.4	2.3	2.9	3.1	3.2	3.3	3.5
1981	3.1	3.2	3.0	3.2	3.0	3.3	3.4	3.2	3.2	3.3	3.1	2.8	2.8
1982		2.6	2.7										

SIC 31—LEATHER AND LEATHER PRODUCTS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	254.8	251.1	252.6	254.5	255.8	260.8	262.1	242.0	255.7	252.0	257.0	258.2	255.4
1978	256.8	251.3	254.5	255.9	258.3	260.8	265.7	244.3	260.9	259.4	258.3	257.8	254.2
1979	245.7	249.4	248.4	249.5	248.9	252.7	256.8	226.2	247.3	244.1	243.4	242.8	239.3
1980	232.9	235.2	236.8	236.6	236.5	236.2	237.1	212.2	234.7	233.4	232.9	233.3	230.2
1981	233.0	227.9	230.7	231.3	232.7	237.2	240.1	228.4	239.1	237.4	235.8	232.4	223.5
1982		219.0	212.5										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	153.1	150.8	151.4	152.6	153.2	156.6	157.2	145.0	153.9	151.8	155.2	156.3	153.7
1978	155.7	150.9	153.0	153.5	155.6	157.8	161.6	148.5	159.5	158.6	157.9	157.3	153.8
1979	149.1	151.0	150.2	153.5	151.0	154.3	156.3	136.2	149.7	148.7	148.5	148.0	144.5
1980	140.0	141.9	143.1	150.9	143.4	142.5	143.1	126.6	141.0	140.2	139.1	139.2	136.8
1981	139.1	135.0	137.2	143.2	138.5	141.1	143.4	136.3	143.0	142.1	141.6	139.7	133.5
1982		130.5	126.2	137.7									

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	218.4	214.9	216.7	218.4	219.5	224.0	225.3	207.2	219.7	215.3	219.6	221.5	218.8
1978	220.4	215.0	217.6	220.1	222.4	225.0	229.6	209.4	224.9	222.7	221.0	220.3	216.6
1979	209.1	212.9	212.3	213.0	211.9	216.0	219.7	191.7	210.1	207.4	206.6	205.8	201.7
1980	196.6	198.2	199.8	199.9	199.1	199.3	200.4	177.2	199.0	197.9	196.9	197.6	193.6
1981	197.2	191.8	194.5	195.1	196.6	200.7	203.2	192.8	202.6	201.6	200.8	197.5	188.7
1982		183.7	177.6										

PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	133..	123.55	130.30	130.31	130.66	133.55	136.08	132.45	133.19	134.32	136.15	138.37	137.64
1978	144.32	136.04	137.86	142.05	145.13	146.28	147.83	145.88	144.35	145.04	145.78	147.26	148.40
1979	154.03	149.92	148.63	149.34	147.20	152.15	155.08	154.24	154.45	157.87	157.32	159.71	162.26
1980	168.09	163.68	164.86	164.53	166.25	167.98	170.17	165.98	168.73	167.71	169.73	170.61	175.28
1981	183.63	177.88	179.10	180.69	179.32	185.50	189.74	181.41	..3.39	183.24	186.80	187.03	187.46
1982		172.83	184.27										

PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	3.61	3.53	3.56	3.58	3.57	3.59	3.60	3.57	3.59	3.64	3.66	3.68	3.69
1978	3.89	3.80	3.84	3.86	3.87	3.88	3.88	3.89	3.87	3.92	3.94	3.98	4.00
1979	4.22	4.13	4.14	4.16	4.17	4.18	4.18	4.18	4.22	4.29	4.31	4.34	4.35
1980	4.58	4.46	4.48	4.52	4.53	4.54	4.55	4.56	4.61	4.62	4.65	4.70	4.75
1981	4.99	4.86	4.88	4.91	4.94	4.96	4.98	4.92	4.97	5.09	5.09	5.11	5.15
1982		5.19	5.22										

PRODUCTION-WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	36.9	35.0	36.6	36.4	36.6	37.2	37.8	37.1	37.1	36.9	37.2	37.6	37.3
1978	37.1	35.8	35.9	36.8	37.5	37.7	38.1	37.5	37.3	37.0	37.0	37.0	37.1
1979	36.5	36.3	35.9	35.9	35.3	36.4	37.1	36.9	36.6	36.8	36.5	36.8	37.3
1980	36.7	36.7	36.8	36.4	36.7	37.0	37.4	36.4	36.6	36.3	35.5	36.2	36.9
1981	36.8	36.6	36.7	36.8	36.3	37.4	38.1	36.5	36.9	36.0	36.7	36.6	36.4
1982		33.3	35.3										

PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	1.8	1.5	1.7	1.6	1.5	1.8	2.0	1.6	1.9	1.9	2.0	2.0	1.5
1978	1.8	1.6	1.7	1.8	1.9	2.0	2.2	1.6	1.7	1.8	1.7	1.6	1.5
1979	1.4	1.4	1.4	1.2	.8	1.4	1.7	1.3	1.5	1.7	1.5	1.5	1.4
1980	1.5	1.2	1.2	1.6	1.6	1.6	1.6	1.2	1.5	1.5	1.3	1.3	1.3
1981	1.4	1.6	1.4	1.3	1.0	1.5	1.8	1.3	1.5	1.3	1.3	1.3	1.1
1982		1.1	1.1										

See footnotes at end of tables

SIC 311—LEATHER TANNING AND FINISHING

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	22.7	22.1	22.6	22.9	22.9	23.2	23.5	21.7	22.7	22.4	22.7	22.7	22.9
1978	22.1	22.6	22.7	22.7	23.0	23.2	23.4	21.8	22.7	21.6	21.4	21.1	21.2
1979	19.5	20.4	20.5	20.5	20.4	20.2	20.7	19.5	19.8	19.1	19.2	19.3	18.9
1980	19.2	18.9	19.0	19.1	19.1	19.3	19.4	17.9	19.4	19.1	19.5	19.6	19.9
1981	20.6	20.0	19.6	20.2	20.6	21.0	21.3	20.2	21.3	21.4	21.1	19.8	20.0
1982		19.1	19.2										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.1	3.1	3.1	3.2	3.2	3.2	3.2	2.9	3.1	3.1	3.1	3.1	3.2
1978	3.1	3.0	3.0	3.0	3.1	3.1	3.3	3.1	3.3	3.2	3.2	3.2	3.1
1979	2.8	3.0	3.1	3.0	3.1	3.1	3.1	2.8	2.9	2.8	2.8	2.8	2.6
1980	2.7	2.8	2.7	2.9	2.7	2.7	2.6	2.4	2.7	2.7	2.8	2.7	2.8
1981	2.9	2.8	2.8	2.9	3.0	2.9	3.0	2.7	3.0	3.0	3.1	2.9	2.9
1982		2.8	2.6										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	19.4	18.9	19.2	19.5	19.5	19.7	20.1	18.7	19.5	19.2	19.4	19.4	19.6
1978	19.0	19.4	19.3	19.4	19.8	20.0	20.1	18.5	19.2	18.2	18.1	17.7	17.9
1979	16.7	17.5	17.3	17.3	17.1	17.0	17.5	16.2	16.6	15.9	16.1	16.2	15.9
1980	16.5	16.6	16.8	16.0	15.9	16.0	16.1	14.6	16.2	15.9	16.2	16.5	16.5
1981	18.0	17.6	16.5	17.0	17.3	17.6	18.0	17.0	18.0	18.3	17.8	16.5	16.6
1982		15.7	14.9										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	181.09	177.94	185.50	186.05	187.15	193.03	193.60	187.60	189.54	194.64	196.12	199.79	200.29
1978	192.75	196.11	199.48	203.11	208.06	206.74	203.20	202.12	196.86	203.45	202.93	204.75	206.06
1979	213.64	207.79	206.70	207.43	204.50	208.95	216.28	204.05	213.56	219.63	222.90	225.81	231.64
1980	184.61	226.56	236.59	240.19	242.61	240.40	245.84	230.88	244.33	248.25	253.89	261.58	262.11
1981	252.02	258.14	261.79	265.03	262.91	266.42	265.77	253.89	261.62	259.20	252.19	260.55	265.87
1982		256.78	273.92										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.85	4.72	4.72	4.71	4.75	4.85	4.84	4.86	4.86	4.94	4.94	4.97	4.97
1978	5.12	4.99	5.05	5.04	5.10	5.13	5.08	5.13	5.10	5.19	5.19	5.21	5.27
1979	5.54	5.31	5.30	5.36	5.41	5.47	5.56	5.50	5.62	5.69	5.73	5.79	5.82
1980	6.10	5.82	5.90	5.96	6.02	6.01	6.07	5.92	6.17	6.16	6.30	6.38	6.44
1981	6.60	6.44	6.48	6.48	6.54	6.53	6.53	6.51	6.59	6.75	6.74	6.75	6.87
1982		6.94	6.97										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	39.4	37.7	39.3	39.5	39.4	39.8	40.0	38.6	39.0	39.4	39.7	40.2	40.3
1978	39.6	39.1	39.5	40.3	40.8	40.3	40.0	39.4	38.6	39.2	39.1	39.3	39.1
1979	38.5	39.0	39.0	38.7	37.8	38.2	38.9	37.1	38.0	38.6	38.9	39.0	39.8
1980	40.1	39.0	40.1	40.3	40.3	40.0	40.5	39.0	39.6	40.3	40.3	41.0	40.7
1981	39.7	40.1	40.4	40.9	40.2	40.8	40.7	39.0	39.7	38.4	38.9	38.6	38.7
1982		37.0	39.3										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.2	3.2	3.3	3.5	3.2	3.5	3.3	2.7	2.9	3.1	3.4	3.4	3.2
1978	3.1	3.2	3.3	3.7	3.6	3.5	3.3	2.7	2.4	2.9	2.8	2.8	2.6
1979	2.4	2.7	2.6	2.3	2.0	2.2	2.3	1.8	2.1	2.5	2.4	2.7	2.7
1980	2.9	2.6	2.9	3.3	3.3	3.0	3.0	2.1	2.7	3.1	2.8	3.1	3.3
1981	2.9	3.2	3.2	3.3	3.2	3.6	3.5	2.3	2.9	2.3	2.3	2.4	2.5
1982		2.4	2.8										

SIC 314—FOOTWEAR, EXCEPT RUBBER

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	156.9	156.0	155.3	156.3	158.8	162.7	161.8	148.8	156.2	153.6	157.0	158.2	158.0
1978	158.4	155.7	157.3	157.4	159.2	161.4	164.7	151.4	161.2	160.1	157.9	158.1	156.4
1979	148.9	153.8	152.6	152.6	151.8	154.9	156.6	133.5	149.1	146.7	145.4	145.3	144.9
1980	143.6	143.6	144.4	144.4	146.6	148.0	149.3	129.4	145.4	143.7	143.2	143.4	141.2
1981	142.6	141.5	142.9	142.6	142.9	145.8	147.3	140.1	146.5	143.7	142.5	140.9	134.4
1982		135.3	129.3										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	103.3	102.7	101.7	102.5	104.1	107.2	106.2	98.1	102.9	101.2	103.7	104.8	104.3
1978	105.3	102.8	103.8	103.6	105.6	107.8	110.3	101.3	108.1	106.9	105.3	104.9	103.3
1979	98.1	101.5	100.4	100.4	99.9	102.7	103.6	88.1	97.9	96.6	95.7	95.6	94.3
1980	94.2	94.0	94.7	94.9	96.7	97.3	98.2	84.9	95.5	94.1	93.9	94.1	92.5
1981	94.1	92.5	93.6	93.4	93.9	95.9	97.4	93.3	97.2	95.5	94.5	93.4	89.1
1982		89.7	85.3										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	136.5	135.6	135.2	135.8	138.2	141.7	141.2	129.8	136.2	133.0	136.2	137.8	137.7
1978	138.1	135.8	136.9	137.3	139.1	141.5	144.5	132.4	141.3	139.8	136.9	136.9	135.1
1979	128.0	133.3	132.1	131.6	130.5	133.8	135.2	114.5	127.6	125.9	124.3	123.9	122.9
1980	122.9	122.1	122.8	123.2	124.9	126.9	128.2	110.1	125.3	123.9	123.1	123.5	120.8
1981	122.7	121.2	122.4	121.9	122.4	125.1	126.4	120.7	126.5	124.3	123.4	122.0	115.8
1982		115.6	110.2										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	127.37	117.99	124.20	124.24	125.94	128.39	130.79	126.85	127.65	128.45	130.26	132.77	132.79
1978	138.38	131.01	132.46	136.15	139.50	141.75	142.87	139.50	139.13	137.98	139.85	140.16	142.05
1979	148.06	144.32	141.55	142.97	141.75	147.02	149.85	150.26	148.47	151.48	150.06	153.24	156.93
1980	161.33	159.65	159.65	157.68	159.94	162.06	164.63	159.07	161.70	161.01	161.73	161.62	167.26
1981	174.97	170.97	171.34	171.59	170.65	178.45	184.12	172.44	174.36	173.73	177.25	178.33	178.70
1982		163.00	173.69										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.48	3.42	3.45	3.49	3.46	3.47	3.46	3.41	3.45	3.50	3.53	3.55	3.56
1978	3.75	3.68	3.70	3.72	3.73	3.74	3.74	3.73	3.72	3.77	3.79	3.84	3.86
1979	4.09	4.02	4.01	4.05	4.05	4.05	4.05	4.05	4.09	4.15	4.18	4.21	4.23
1980	4.42	4.35	4.35	4.38	4.37	4.38	4.39	4.37	4.43	4.46	4.48	4.54	4.57
1981	4.82	4.71	4.72	4.74	4.78	4.81	4.82	4.79	4.79	4.88	4.91	4.94	4.95
1982		5.00	5.02										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	36.6	34.5	36.0	35.6	36.4	37.0	37.8	37.2	37.0	36.7	36.9	37.4	37.3
1978	36.9	35.6	35.8	36.6	37.4	37.9	38.2	37.4	37.4	36.6	36.9	36.5	36.8
1979	36.2	35.9	35.3	35.3	35.0	36.3	37.0	37.1	36.3	36.5	35.9	36.4	37.1
1980	36.5	36.7	36.7	36.0	36.6	37.0	37.5	36.4	36.5	36.1	36.1	35.6	36.6
1981	36.3	36.3	36.3	36.2	35.7	37.1	38.2	36.0	36.4	35.6	36.1	36.1	36.1
1982		32.6	34.6										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	1.6	1.3	1.5	1.4	1.3	1.7	1.9	1.5	1.8	1.7	1.7	1.8	1.8
1978	1.6	1.5	1.5	1.6	1.9	2.0	2.2	1.4	1.6	1.5	1.4	1.2	1.3
1979	1.3	1.1	1.1	1.0	.7	1.3	1.6	.3	1.5	1.8	1.4	1.4	1.4
1980	1.3	1.2	1.2	1.3	1.4	1.4	1.5	1.0	1.3	1.2	1.1	1.7	1.3
1981	1.1	1.3	1.1	.9	.7	1.2	1.6	1.1	1.2	.9	1.0	.9	1.1
1982		.9	.9										

See footnotes at end of tables.

SIC 3143—MEN'S FOOTWEAR, EXCEPT ATHLETIC

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	64.1	64.3	64.2	65.0	65.3	66.0	64.0	58.6	62.8	62.5	65.2	65.6	65.4
1978	64.2	64.9	65.1	65.9	65.9	66.0	66.7	60.0	63.6	64.1	63.4	62.8	62.4
1979	57.9	61.1	60.0	60.1	60.0	60.6	61.4	53.1	56.8	55.8	55.0	55.3	55.5
1980	55.2	55.0	54.6	54.5	55.5	55.8	56.4	47.8	56.2	56.2	56.5	57.0	56.8
1981	57.2	56.7	56.7	56.8	57.2	57.9	58.6	54.4	58.7	58.9	58.3	58.1	54.6
1982		56.7	52.4										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	40.8	41.0	41.1	41.6	41.7	42.3	40.7	37.2	39.7	39.6	41.3	41.7	41.5
1978	40.7	41.2	41.5	41.9	41.9	41.9	42.4	37.9	40.3	40.7	40.1	39.6	39.3
1979	36.1	38.4	37.5	37.5	37.4	38.1	38.4	33.1	34.9	34.6	34.0	34.5	34.5
1980	34.4	34.4	33.9	34.0	34.7	34.6	34.9	29.6	34.9	34.9	35.3	35.7	35.4
1981	35.9	35.3	35.4	35.6	35.9	36.2	36.8	34.4	36.9	36.8	36.6	36.6	34.2
1982		35.8	32.8										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	56.7	56.8	56.8	57.5	57.8	58.5	56.7	51.8	55.7	55.3	57.6	58.0	58.0
1978	56.7	57.5	57.7	58.4	58.4	58.5	59.1	53.0	56.2	56.6	55.8	55.1	54.5
1979	50.3	53.6	52.7	52.6	52.3	53.0	53.6	45.8	49.0	48.3	47.4	47.7	47.8
1980	47.5	47.3	46.9	46.9	47.8	48.3	48.9	40.5	48.5	48.5	48.7	49.2	48.5
1981	49.0	48.5	48.5	48.5	49.0	49.5	50.1	46.6	50.4	50.5	50.2	50.0	46.4
1982		47.8	43.6										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	135.32	126.01	131.33	131.72	131.35	134.95	137.77	133.00	135.64	136.76	138.65	141.66	142.43
1978	147.04	139.07	142.46	148.22	146.61	149.00	150.15	144.35	147.45	146.25	148.97	147.73	151.60
1979	159.22	153.09	154.66	157.03	153.61	158.67	159.09	157.78	158.84	165.24	163.61	164.80	166.06
1980	172.98	167.81	171.29	173.07	172.88	170.94	175.18	167.90	174.46	173.82	175.96	173.88	181.44
1981	188.87	188.12	187.50	188.00	186.74	194.66	197.29	183.63	185.87	187.98	191.21	187.31	189.01
1982		169.37	164.98										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	3.58	3.51	3.54	3.56	3.55	3.57	3.56	3.50	3.56	3.58	3.62	3.67	3.69
1978	3.69	3.61	3.64	3.67	3.67	3.69	3.67	3.67	3.90	3.91	3.95	4.00	
1979	4.23	4.15	4.16	4.21	4.22	4.22	4.20	4.23	4.27	4.36	4.41	4.43	4.44
1980	4.65	4.56	4.58	4.64	4.61	4.62	4.61	4.60	4.64	4.66	4.73	4.79	4.80
1981	5.05	4.99	5.00	5.00	5.02	5.03	5.02	4.99	5.01	5.15	5.14	5.16	5.15
1982		5.26	5.27										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	37.8	35.5	37.1	37.0	37.0	37.8	36.7	38.0	38.1	38.2	38.3	38.6	38.6
1978	37.8	36.5	37.1	38.3	38.4	38.5	38.6	37.3	38.1	37.5	38.1	37.4	37.9
1979	37.2	36.8	37.0	37.3	36.4	37.6	37.7	37.3	37.2	37.9	37.1	37.2	37.4
1980	37.2	36.6	37.4	37.3	37.5	37.0	38.0	36.5	37.6	37.3	37.2	36.3	37.8
1981	37.4	37.3	37.5	37.6	37.2	38.7	39.3	36.8	37.1	36.5	37.2	36.3	36.7
1982		32.2	35.1										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	1.8	1.6	1.7	1.6	1.3	1.8	2.1	1.6	2.0	2.0	2.0	2.0	2.2
1978	1.7	1.7	1.8	2.2	2.1	2.1	2.1	1.4	1.6	1.5	1.3	1.1	1.2
1979	1.3	.9	1.2	1.0	.6	1.2	1.5	.9	1.4	1.9	1.6	1.5	1.3
1980	1.2	1.1	1.3	1.4	1.4	1.2	1.2	.7	1.3	1.3	1.1	1.3	1.4
1981	1.2	1.6	1.4	1.0	.8	1.3	1.7	1.1	1.3	.9	1.1	.9	1.1
1982		1.0	.9										

See footnotes at end of tables.

SIC 3144—WOMEN'S FOOTWEAR, EXCEPT ATHLETIC

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	62.3	62.8	61.5	61.4	62.9	65.0	66.3	60.2	63.4	60.9	60.6	60.8	61.6
1978	61.9	60.6	61.0	59.9	61.2	62.7	64.5	60.1	63.9	63.1	61.7	62.0	62.4
1979	59.3	61.8	60.7	60.0	59.2	61.2	62.2	50.2	60.7	59.4	58.6	58.8	59.6
1980	56.2	59.5	58.6	57.7	58.5	59.5	60.2	51.7	55.5	54.1	53.3	53.3	52.7
1981	52.9	53.5	53.7	53.2	52.7	54.6	55.9	54.3	54.5	51.6	51.4	50.5	49.2
1982		48.1	46.7										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	42.1	42.7	41.3	41.1	42.0	44.0	44.8	41.0	42.9	41.2	41.2	41.4	41.7
1978	42.6	41.0	41.1	40.3	41.7	43.4	44.7	41.9	44.6	43.8	42.9	43.7	42.7
1979	40.6	42.3	41.2	40.9	40.4	42.1	42.9	34.9	42.0	40.8	40.1	39.7	39.8
1980	38.1	40.2	39.7	39.2	39.9	40.5	41.1	35.1	37.7	36.5	35.9	35.7	35.4
1981	36.2	35.9	36.2	35.7	35.5	37.1	38.3	37.4	37.5	35.7	35.5	34.9	34.1
1982		33.2	32.2										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	53.2	53.7	52.4	52.1	53.6	55.6	56.9	51.9	54.4	51.6	51.4	52.1	52.7
1978	53.5	52.1	52.1	51.3	52.6	54.5	56.2	52.3	55.9	54.9	53.0	53.4	53.5
1979	50.6	53.4	52.1	51.2	50.4	52.5	52.5	43.2	51.7	50.7	49.8	49.3	49.9
1980	47.6	50.2	49.2	48.6	49.0	50.3	51.1	44.1	47.6	46.5	45.6	45.7	45.0
1981	45.5	45.8	45.9	45.4	44.9	46.8	48.0	46.9	47.1	44.7	44.4	43.6	42.8
1982		41.2	40.3										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	120.01	111.56	117.95	116.96	121.34	122.02	124.38	120.52	120.96	120.06	119.73	122.61	122.64
1978	131.77	123.53	123.64	124.89	132.13	135.77	136.86	136.64	133.92	131.39	132.10	133.46	135.36
1979	138.34	138.06	131.92	130.65	130.32	136.54	141.60	145.10	140.34	140.94	136.66	143.02	145.18
1980	152.08	153.50	149.76	146.33	149.58	156.09	157.62	153.24	152.22	146.61	149.04	148.66	157.36
1981	165.20	156.80	159.46	158.58	156.83	165.79	177.00	165.47	167.08	164.38	166.47	159.92	172.52
1982		158.11	164.94										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	3.39	3.33	3.37	3.43	3.38	3.38	3.38	3.32	3.36	3.44	3.45	3.49	3.44
1978	3.65	3.56	3.60	3.62	3.63	3.64	3.64	3.62	3.60	3.67	3.66	3.77	3.76
1979	3.93	3.90	3.88	3.90	3.89	3.89	3.89	3.89	3.92	3.97	3.99	4.04	4.04
1980	4.26	4.16	4.16	4.21	4.19	4.23	4.26	4.21	4.30	4.32	4.33	4.39	4.45
1981	4.68	4.48	4.53	4.57	4.64	4.67	4.72	4.68	4.68	4.71	4.77	4.80	4.86
1982		4.85	4.88										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	35.4	33.5	35.0	34.1	35.9	36.1	36.8	36.3	36.0	34.9	34.7	35.6	36.0
1978	35.1	34.7	34.8	34.5	36.4	37.3	37.6	37.8	37.2	35.8	35.6	35.4	36.0
1979	35.2	35.4	34.0	33.5	33.5	35.1	36.4	37.3	35.8	35.5	34.3	35.4	36.6
1980	35.7	36.9	36.0	34.9	35.7	36.9	37.0	36.4	35.4	34.4	34.5	34.1	36.1
1981	35.3	35.0	35.2	34.7	33.6	35.5	37.5	35.4	35.7	34.9	34.9	35.4	35.5
1982		32.6	33.8										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	1.5	1.2	1.4	1.4	1.4	1.6	1.8	1.4	1.7	1.4	1.5	1.3	1.5
1978	1.7	1.3	1.3	1.2	1.6	1.9	2.2	1.8	1.1	1.8	1.6	1.6	1.4
1979	1.5	1.4	1.3	1.1	.9	1.5	2.0	2.1	1.7	1.9	1.1	1.4	1.5
1980	1.3	1.4	1.1	1.1	1.4	1.7	1.8	1.3	1.2	1.1	1.1	1.0	1.3
1981	1.1	1.2	1.0	.8	.7	1.3	1.8	1.3	1.2	1.0	.8	.9	1.3
1982		.8	.9										

SIC 316—LUGGAGE

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	17.3	15.4	16.8	17.2	17.6	17.7	17.9	17.0	17.7	17.7	17.9	17.7	16.9
1978	17.3	15.7	16.7	17.0	17.2	17.4	17.6	16.1	18.0	18.2	18.2	18.1	17.5
1979	16.0	16.9	17.2	17.7	17.8	18.1	18.7	17.8	18.7	18.6	18.4	18.3	17.7
1980	16.3	16.9	17.2	17.1	16.7	16.3	16.1	16.0	15.9	16.3	16.1	15.5	15.1
1981	15.0	13.8	14.7	15.1	15.2	15.9	16.2	15.3	15.3	15.3	14.3	14.4	13.9
1982		13.0	13.7										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	9.1	7.9	8.8	9.0	9.5	9.2	9.5	8.8	9.2	9.3	9.5	9.4	9.0
1978	9.3	8.1	8.9	9.0	9.1	9.3	9.4	8.9	10.0	10.1	9.9	10.0	9.3
1979	9.6	8.8	9.1	9.5	9.7	9.9	10.0	9.8	10.0	10.1	10.4	10.5	9.9
1980	9.2	8.7	9.1	9.4	9.1	8.7	8.6	8.6	8.4	8.7	8.4	8.0	7.7
1981	8.7	9.4	9.1	9.7	8.1	8.1	8.5	7.9	7.8	7.9	7.8	7.9	7.6
1982	7.9	7.0	7.7	8.0									
		6.9	7.5										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	13.5	11.8	13.1	13.6	14.1	14.0	14.1	13.1	13.7	13.8	13.9	13.6	12.9
1978	13.3	11.7	12.7	13.1	13.2	13.5	13.6	12.1	14.1	14.0	14.1	14.0	13.4
1979	13.1	13.0	13.5	14.0	14.0	14.3	14.8	14.0	14.6	14.3	14.4	14.3	13.6
1980	13.1	13.1	13.4	13.0	12.6	12.2	12.1	11.9	11.8	12.3	12.0	11.4	10.9
1981	11.4	10.8	11.0	11.5	11.7	12.3	12.5	11.5	11.4	11.6	11.1	11.3	10.8
1982	11.0	10.0	10.6										
		9.0	10.2										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	133.02	129.21	134.69	133.16	128.50	131.04	136.53	132.85	135.42	133.95	135.76	138.70	127.97
1978	141.84	141.62	133.33	146.52	148.96	148.96	154.71	156.29	148.78	159.89	156.46	162.11	160.45
1979	149.96	150.51	150.08	150.73	146.20	156.56	155.81	153.79	160.00	173.07	175.80	169.34	170.20
1980	153.36	161.98	166.45	169.44	176.66	179.19	181.54	193.67	194.31	181.05	178.24	176.05	187.86
1981	194.11	182.55	193.92	184.43	187.25	193.15	188.12	191.44	197.84	199.29	206.22	205.33	192.89
1982		174.20	180.71										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	3.66	3.65	3.65	3.57	3.54	3.60	3.69	3.67	3.65	3.69	3.74	3.80	3.72
1978	4.15	3.95	3.98	4.07	4.07	4.17	4.19	4.11	4.23	4.24	4.30	4.54	4.36
1979	4.42	4.26	4.35	4.27	4.25	4.41	4.34	4.32	4.42	4.64	4.56	4.54	4.60
1980	4.60	4.76	4.70	4.80	4.88	4.95	4.88	5.11	5.10	4.88	4.87	4.81	5.05
1981	5.15	5.03	5.05	4.96	4.98	4.94	4.99	5.16	5.22	5.49	5.47	5.49	5.69
1982		5.41	5.52										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	36.4	33.4	34.6	38.0	37.3	36.3	36.4	37.0	36.2	37.1	36.3	36.3	36.5	34.4
1978	36.5	33.6	33.5	36.0	36.0	36.6	36.6	37.1	37.3	36.2	37.6	36.9	37.7	36.8
1979	36.1	35.9	38.6	38.7	35.3	34.4	35.5	35.9	35.6	36.2	37.3	38.3	37.3	37.0
1980	36.4	34.1	35.1	35.6	35.3	36.2	36.2	37.2	37.9	38.1	37.1	36.6	36.6	37.2
1981	37.4	35.3	36.4	38.4	39.2	37.6	39.1	37.7	37.1	37.9	36.3	37.7	37.4	33.9
1982		32.2	33.1										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	1.6	1.1	1.5	1.5	1.4	1.8	1.7	1.7	1.9	1.7	1.8	1.9	1.3
1978	1.9	1.4	1.7	1.6	1.6	1.6	1.9	1.9	1.5	2.7	2.0	2.1	2.2
1979	1.7	1.6	1.6	1.4	7	2.0	1.7	9	6	2.1	2.0	3.0	2.8
1980	2.4	2.5	1.9	2.4	2.9	2.1	2.4	3.3	3.0	2.4	2.1	2.1	2.1
1981	1.4	1.7	1.4	1.7	1.0	1.5	1.9	1.1	1.3	1.2	1.2	1.5	1.2
1982		1.6	.8										

SIC 317—HANDBAGS AND PERSONAL LEATHER GOODS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	33.1	33.3	34.1	33.7	31.7	31.9	33.1	31.6	34.2	33.5	34.3	33.9	31.9
1978	32.4	31.5	31.9	32.9	32.5	32.1	33.0	30.5	32.8	32.9	33.6	33.2	31.9
1979	32.8	31.3	31.8	32.4	32.4	32.9	33.9	31.4	33.8	33.7	34.2	33.7	31.9
1980	30.0	30.5	31.4	31.3	30.0	29.2	28.9	28.0	30.4	30.5	30.1	30.1	29.3
1981	30.1	28.4	29.2	29.6	29.8	30.0	30.4	29.5	30.6	31.2	31.9	31.2	29.8
1982		27.6	27.7										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	23.7	23.7	24.4	24.1	22.4	22.7	23.6	22.5	24.7	24.3	24.8	24.5	22.7
1978	23.1	22.6	23.0	23.4	23.2	22.7	23.4	21.6	23.3	23.3	24.0	23.5	22.7
1979	23.6	22.5	22.9	23.3	23.4	23.8	24.4	22.3	24.5	24.5	24.8	24.1	22.9
1980	21.0	21.4	22.1	22.0	21.2	20.7	20.6	19.7	21.2	21.4	20.9	20.9	20.4
1981	20.6	19.6	20.0	20.3	20.4	20.8	20.9	20.1	21.1	21.5	21.8	21.0	20.0
1982		18.2	18.1										

PRODUCTION WORKERS—IN THOUSANDS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	27.7	27.9	28.7	28.4	26.3	26.6	27.7	26.2	28.9	28.1	28.6	28.3	26.3
1978	27.2	25.9	26.5	27.9	27.4	26.9	27.9	25.5	27.6	27.8	28.5	28.2	26.8
1979	28.1	26.3	27.0	27.6	27.7	28.2	29.0	26.8	29.2	29.1	29.4	29.1	27.2
1980	25.4	25.9	26.9	26.8	25.5	24.7	24.5	23.6	25.9	25.9	25.4	25.4	24.6
1981	24.9	23.7	24.5	24.7	24.9	25.1	25.4	24.3	25.2	25.6	26.2	25.5	24.2
1982		22.3	22.3										

PRODUCTION WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	128.71	119.31	128.59	127.94	121.77	128.76	132.24	127.72	130.50	130.18	134.43	132.30	130.13
1978	136.52	126.72	131.30	132.47	133.21	134.65	140.24	138.38	138.38	141.36	137.61	144.02	141.75
1979	148.34	141.93	147.86	147.68	142.36	146.29	150.35	147.57	151.53	152.93	152.22	150.63	150.69
1980	155.45	150.18	153.97	154.93	153.51	157.01	155.79	147.99	154.34	154.61	160.65	162.34	161.01
1981	170.72	161.98	164.06	165.04	160.06	167.08	173.59	173.59	173.43	171.72	180.38	180.00	176.33
1982		165.19	178.12										

PRODUCTION WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	3.46	3.38	3.42	3.43	3.43	3.48	3.48	3.48	3.48	3.49	3.51	3.50	3.47
1978	3.72	3.60	3.73	3.69	3.69	3.73	3.71	3.71	3.70	3.75	3.77	3.79	3.79
1979	4.02	3.91	3.98	3.97	4.01	4.03	4.02	4.01	4.03	4.10	4.07	4.06	4.04
1980	4.33	4.16	4.23	4.21	4.30	4.29	4.28	4.34	4.36	4.43	4.45	4.46	4.46
1981	4.69	4.55	4.57	4.61	4.56	4.68	4.73	4.73	4.70	4.81	4.81	4.80	4.74
1982		4.83	4.88										

PRODUCTION WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	37.2	35.3	37.6	37.3	35.5	37.0	38.0	36.7	37.5	37.3	38.3	37.8	37.5
1978	36.7	35.2	35.2	35.9	36.1	36.1	37.8	37.3	37.4	37.7	36.5	38.0	37.4
1979	36.9	36.3	37.0	37.2	35.5	36.3	37.4	36.8	37.6	37.3	37.4	37.1	37.3
1980	35.9	36.1	36.4	36.8	35.7	36.6	36.4	34.1	35.4	34.9	36.1	36.4	36.1
1981	36.4	35.6	35.9	35.8	35.1	35.7	36.7	36.7	36.9	35.7	37.5	37.5	37.2
1982		34.2	36.5										

PRODUCTION WORKER AVERAGE WEEKLY OVERTIME HOURS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	1.9	1.5	2.0	1.6	1.2	1.8	2.2	1.6	2.2	2.4	2.6	2.2	1.8
1978	1.9	1.6	2.0	1.9	1.6	1.3	2.1	1.8	2.1	2.5	2.2	2.5	1.6
1979	1.7	1.1	1.8	1.7	1.1	1.5	1.8	1.6	2.1	2.1	2.0	1.8	1.7
1980	1.5	1.3	1.3	1.8	1.3	1.4	1.4	1.2	1.6	1.5	2.1	1.9	1.7
1981	1.7	1.3	1.4	1.5	1.1	1.3	1.7	1.6	1.9	1.8	2.2	1.8	1.2
1982		1.0	.9										

SERVICE-PRODUCING

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
ALL EMPLOYEES—IN THOUSANDS													
1977	58,125	56,375	56,524	57,005	57,525	57,995	58,423	57,876	57,300	59,647	59,219	59,738	60,274
1978	61,113	59,136	59,436	60,053	60,731	61,241	61,672	60,961	60,968	61,445	62,034	62,587	63,086
1979	63,363	61,881	62,146	62,661	63,006	63,512	63,882	63,068	63,079	63,510	64,114	64,561	64,934
1980	64,748	63,716	63,964	64,454	64,914	65,043	65,130	64,235	64,135	64,618	65,201	65,671	65,979
1981	65,625	64,713	64,956	65,245	65,711	65,949	66,102	65,262	65,086	65,558	66,077	66,316	66,523
1982		65,157	65,375										
WOMEN EMPLOYEES—IN THOUSANDS													
1977	27,003	26,125	26,258	26,536	26,754	26,997	27,093	26,437	26,456	27,221	27,694	28,041	28,426
1978	28,705	27,776	27,919	28,229	28,567	28,823	28,897	28,138	28,139	28,844	29,321	29,730	30,097
1979	30,187	29,437	29,545	29,818	30,057	30,233	30,260	29,555	29,674	30,215	30,754	31,187	31,487
1980	31,362	30,805	31,014	31,311	31,456	31,518	31,451	30,636	30,628	31,415	31,851	32,199	32,491
1981	32,170	31,809	31,936	32,063	32,253	32,334	32,280	31,505	31,438	32,072	32,530	32,783	33,013
1982		32,253	32,402										

PRIVATE SERVICE-PRODUCING

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
ALL EMPLOYEES—IN THOUSANDS*													
1977	47,999	41,428	41,393	41,806	42,337	42,742	43,210	43,315	43,447	43,674	43,801	44,149	44,680
1978	85,682	83,656	83,696	84,175	84,800	85,255	85,792	85,829	85,994	86,085	86,238	86,631	87,134
1979	87,416	86,103	86,137	86,559	86,871	87,335	87,780	87,679	87,773	87,823	87,999	88,275	88,654
1980	88,507	87,614	87,620	87,921	88,179	88,424	88,659	88,522	88,716	88,789	88,885	89,116	89,560
1981	89,600	88,518	88,533	88,777	89,276	89,561	89,934	89,928	89,989	90,003	90,077	90,179	90,433
1982		89,295	89,290										
WOMEN EMPLOYEES—IN THOUSANDS*													
1977	20,097	19,313	19,306	19,516	19,726	19,909	20,116	20,165	20,226	20,425	20,556	20,807	21,261
1978	21,486	20,602	20,699	20,809	21,109	21,309	21,530	21,630	21,617	21,816	21,973	22,171	22,610
1979	22,735	22,049	22,023	22,237	22,443	22,623	22,793	22,696	22,813	22,961	23,136	23,324	23,671
1980	23,633	23,088	23,117	23,242	23,381	23,514	23,624	23,559	23,642	23,821	23,940	24,179	24,484
1981	24,446	23,934	23,908	24,013	24,214	24,325	24,476	24,431	24,467	24,656	24,793	24,947	25,267
1982		24,541	24,571										
NONSUPERVISORY WORKERS—IN THOUSANDS*													
1977	37,405	35,993	35,958	36,333	36,831	37,210	37,621	37,685	37,794	37,986	38,111	38,421	38,921
1978	39,430	37,912	37,916	38,349	38,921	39,311	39,757	39,759	39,880	39,954	40,061	40,436	40,905
1979	41,016	39,867	39,888	40,270	40,524	40,951	41,350	41,233	41,310	41,343	41,521	41,761	42,147
1980	41,933	41,103	41,144	41,422	41,660	41,869	42,080	42,052	42,120	42,163	42,250	42,462	42,879
1981	42,778	41,844	41,905	42,027	42,493	42,727	43,071	43,072	43,119	43,150	43,224	43,292	43,551
1982		42,409	42,406										

See footnotes at end of tables

TRANSPORTATION AND PUBLIC UTILITIES

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
ALL EMPLOYEES—IN THOUSANDS													
1977	4,713	4,585	4,591	4,603	4,642	4,697	4,750	4,747	4,745	4,808	4,782	4,793	4,810
1978	4,803	4,744	4,761	4,804	4,860	4,903	4,983	4,924	4,946	4,994	5,031	5,053	5,071
1979	5,136	4,967	5,015	5,045	4,974	5,109	5,215	5,182	5,190	5,221	5,223	5,232	5,227
1980	5,146	5,123	5,115	5,127	5,133	5,153	5,171	5,134	5,134	5,163	5,176	5,160	5,164
1981	5,157	5,079	5,081	5,102	5,125	5,151	5,199	5,181	5,180	5,227	5,208	5,188	5,157
1982		5,065	5,051										
WOMEN EMPLOYEES—IN THOUSANDS													
1977	1,051	1,026	1,021	1,029	1,034	1,046	1,056	1,048	1,048	1,067	1,072	1,077	1,086
1978	1,103	1,084	1,092	1,100	1,110	1,119	1,138	1,125	1,134	1,157	1,172	1,178	1,188
1979	1,237	1,199	1,208	1,212	1,201	1,221	1,249	1,232	1,237	1,262	1,266	1,278	1,277
1980	1,260	1,270	1,275	1,280	1,280	1,291	1,296	1,277	1,278	1,300	1,321	1,319	1,321
1981	1,339	1,311	1,314	1,321	1,324	1,332	1,346	1,328	1,333	1,362	1,366	1,364	1,368
1982		1,334	1,334										
NONSUPERVISORY WORKERS—IN THOUSANDS													
1977	4,008	3,902	3,900	3,917	3,951	4,000	4,050	4,042	4,037	4,093	4,061	4,064	4,080
1978	4,142	4,009	4,018	4,053	4,104	4,136	4,200	4,136	4,152	4,190	4,222	4,239	4,246
1979	4,299	4,179	4,189	4,215	4,149	4,278	4,376	4,342	4,348	4,375	4,378	4,382	4,372
1980	4,263	4,272	4,267	4,281	4,286	4,305	4,314	4,280	4,275	4,308	4,320	4,303	4,307
1981	4,277	4,219	4,217	4,232	4,255	4,275	4,319	4,296	4,292	4,338	4,318	4,296	4,268
1982		4,185	4,173										
NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	278.90	263.70	269.33	268.25	272.34	274.22	277.38	281.90	283.01	285.29	287.36	291.85	293.46
1978	302.80	288.86	296.34	295.47	296.91	298.05	300.70	302.00	307.89	307.68	310.80	310.02	315.17
1979	325.58	312.84	313.61	314.02	308.11	314.82	321.60	327.20	334.49	336.36	336.80	341.70	341.20
1980	341.25	337.33	337.66	340.10	343.26	341.91	345.71	354.31	354.52	358.09	365.76	367.09	371.60
1981	382.18	367.21	372.49	370.36	374.14	376.10	381.52	383.90	389.87	390.04	388.65	393.96	395.36
1982		388.65	397.10										
NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	6.95	6.71	6.75	6.74	6.85	6.89	6.90	7.03	7.04	7.15	7.22	7.26	7.30
1978	7.37	7.17	7.26	7.25	7.35	7.46	7.47	7.48	7.55	7.64	7.75	7.77	7.84
1979	8.03	7.80	7.85	7.85	7.89	7.88	7.93	8.02	8.18	8.30	8.43	8.42	8.50
1980	8.57	8.44	8.47	8.57	8.61	8.69	8.70	8.73	8.88	8.93	9.02	9.19	9.27
1981	9.70	9.37	9.43	9.40	9.52	9.57	9.61	9.67	9.87	9.95	9.94	10.05	10.06
1982		10.10	10.13										
NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS													
1977	39.5	39.3	39.5	39.6	39.8	39.7	39.8	40.2	40.1	40.2	39.9	39.8	40.2	40.2
1978	39.7	39.7	39.9	40.1	40.2	39.8	39.9	40.2	40.0	40.3	39.7	40.0	39.9	40.2
1979	39.9	39.8	39.9	40.0	39.8	39.1	39.7	40.1	40.0	40.3	39.9	40.0	40.2	40.0
1980	39.5	39.6	39.6	39.8	39.5	39.5	39.3	39.6	39.9	39.7	39.7	39.8	39.6	40.0
1981	39.4	39.5	39.4	39.5	39.4	39.3	39.3	39.7	39.7	39.5	39.2	39.1	39.2	39.3
1982		38.5	39.2										

See footnotes at end of tables.

SIC 40—RAILROAD TRANSPORTATION

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
ALL EMPLOYEES—IN THOUSANDS													
1977	544.9	530.4	527.0	530.5	543.0	550.0	559.0	560.0	557.0	553.1	547.9	546.7	534.1
1978	539.2	518.5	515.3	517.7	534.2	546.7	562.4	532.7	536.5	538.9	556.9	559.1	551.2
1979	556.3	537.0	535.3	540.1	545.4	559.4	570.3	569.4	574.7	564.1	567.2	563.2	549.3
1980	532.1	537.9	535.4	535.7	540.2	544.6	536.4	533.3	530.1	529.2	527.9	522.4	512.5
1981	495.8	502.0	499.9	499.5	504.2	499.8	498.3	504.0	500.6	497.0	493.2	483.1	468.4
1982		453.7	442.7										

SIC 4011—CLASS I RAILROADS[19]

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
ALL EMPLOYEES—IN THOUSANDS													
1977	502.2	487.1	483.9	486.7	500.7	506.9	515.5	516.2	514.5	511.0	505.9	504.9	493.0
1978	490.2	471.0	467.9	469.7	485.3	496.5	505.4	486.3	489.1	490.7	508.5	509.9	501.9
1979	502.6	488.1	485.8	489.6	494.2	506.8	514.3	513.3	518.0	508.3	511.0	507.3	494.6
1980	481.9	484.1	481.5	481.6	486.5	491.7	485.2	483.2	481.2	481.2	480.6	477.1	468.6
1981	456.8	460.2	459.1	459.5	465.1	461.1	459.6	465.3	461.9	457.9	454.1	445.6	432.0
1982		417.7	406.9										
NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	321.47	311.47	324.24	313.28	312.91	310.03	315.86	321.82	327.87	331.25	322.41	337.57	330.81
1978	343.92	327.05	361.15	351.26	328.60	347.14	342.85	326.34	342.27	324.41	357.21	354.53	359.75
1979	392.47	375.76	394.65	379.30	381.50	368.51	380.61	405.28	405.84	395.40	406.73	414.85	397.11
1980	426.56	410.13	402.41	405.77	420.20	409.88	413.17	440.80	431.76	448.49	446.90	433.24	456.12
1981	457.95	446.68	469.10	452.12	454.94	446.04	470.29	468.86	447.72	462.21	453.05	457.50	466.40
1982		445.50	500.02										
NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	7.39	7.21	7.27	7.12	7.21	7.16	7.13	7.59	7.52	7.58	7.64	7.62	7.64
1978	7.87	7.75	7.92	7.72	7.75	7.68	7.67	7.77	7.64	8.01	8.10	8.15	8.27
1979	8.94	8.54	8.77	8.64	8.71	8.59	8.67	9.19	9.12	9.26	9.14	9.26	9.30
1980	9.92	9.45	9.65	9.57	9.55	9.51	9.52	10.11	10.28	10.31	10.25	10.49	10.39
1981	10.65	10.51	10.71	10.49	10.58	10.62	10.64	10.96	10.66	10.65	10.61	10.79	11.00
1982		11.25	11.39										
NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS													
1977	43.5	43.2	44.6	44.0	43.4	43.3	44.3	42.4	43.6	43.7	42.2	44.3	43.3
1978	43.7	42.2	45.6	45.5	42.4	45.2	44.7	42.0	44.8	40.5	44.1	43.5	43.5
1979	43.9	44.0	45.0	43.9	43.8	42.9	43.9	44.1	44.5	42.7	44.5	44.8	42.7
1980	43.0	43.4	41.7	42.4	44.0	43.1	43.4	43.6	42.0	43.5	43.6	41.3	43.9
1981	43.0	42.5	43.8	43.1	43.0	42.0	44.2	44.4	42.0	43.4	42.7	42.4	42.4
1982		39.6	43.9										

SIC 41—LOCAL AND INTERURBAN PASSENGER TRANSIT

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
ALL EMPLOYEES—IN THOUSANDS													
1977	261.5	275.2	273.5	272.7	267.5	274.2	262.1	229.1	226.3	263.2	265.0	264.0	265.0
1978	258.2	265.1	265.9	267.7	265.5	265.7	258.5	221.6	220.0	262.8	266.7	269.1	269.8

SIC 41—LOCAL AND INTERURBAN PASSENGER TRANSIT (Con.)

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1979	262.6	269.2	270.6	271.3	266.8	273.3	261.2	223.2	218.9	272.9	273.9	274.8	275.3
1980	264.5	273.7	274.8	275.3	269.2	277.7	267.3	223.2	221.7	271.3	274.9	273.3	273.2
1981	268.5	271.5	272.3	273.2	272.0	276.5	264.9	221.3	220.4	265.4	269.8	267.3	266.8
1982		267.0	265.7										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	49.8	57.3	52.7	53.6	57.4	58.6	49.7	32.1	31.5	51.6	53.5	53.9	54.6
1978	53.2	54.7	55.3	56.6	57.3	57.5	54.9	33.5	34.0	56.5	58.2	59.3	60.5
1979	59.3	60.5	60.7	60.9	60.5	61.[illegible]	59.0	37.1	36.0	63.7	66.9	67.4	68.4
1980	64.6	67.8	68.6	69.4	66.2	[illegible]	65.8	41.6	39.8	69.6	72.0	71.8	71.9
1981	69.6	71.1	71.7	72.6	71.5	73.1	68.6	42.8	41.6	78.8	81.0	81.2	80.7
1982		80.8	80.5										

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	242.1	256.3	254.5	254.5	248.9	256.2	243.7	210.4	206.6	242.6	244.4	243.1	244.0
1978	237.9	244.2	244.9	247.1	245.0	245.2	228.7	202.1	200.1	242.5	246.9	248.8	249.0
1979	242.0	246.3	249.6	250.5	245.8	250.5	241.0	203.6	199.9	251.8	253.1	253.5	254.1
1980	244.0	252.2	253.5	254.2	248.4	257.0	245.8	203.1	201.6	251.1	255.0	253.0	253.1
1981	248.8	251.7	252.6	253.3	252.2	257.2	245.6	202.6	201.0	265.9	269.7	267.5	266.6
1982		266.6	265.4										

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	177.45	167.46	167.04	167.17	171.77	174.80	179.83	199.66	200.63	177.68	179.92	175.42	178.68
1978	192.08	178.49	180.97	183.40	188.10	185.98	190.28	216.31	215.43	192.19	195.50	195.96	192.10
1979	207.06	192.66	195.96	192.89	201.95	203.35	208.38	236.50	235.88	210.11	206.14	206.11	206.45
1980	226.83	201.35	203.07	205.84	211.20	212.38	218.15	247.30	248.03	218.40	218.49	214.93	212.89
1981	230.17	218.09	216.10	214.43	222.11	227.70	230.17	260.81	268.05	225.77	229.83	231.17	229.41
1982		232.38	232.32										

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.07	4.84	4.80	4.79	4.95	4.98	5.08	5.31	5.35	5.20	5.20	5.19	5.25
1978	5.60	5.36	5.37	5.41	5.50	5.47	5.56	5.91	5.87	5.72	5.75	5.68	5.65
1979	5.95	5.70	5.68	5.68	5.82	5.81	5.92	6.29	6.29	6.09	6.01	6.08	6.09
1980	6.34	6.12	6.08	6.10	6.23	6.21	6.36	6.72	6.74	6.50	6.37	6.34	6.28
1981	6.73	6.51	6.47	6.42	6.63	6.60	6.73	7.03	7.11	6.76	6.74	6.68	6.61
1982		7.15	7.04										

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	35.0	34.6	34.6	34.6	34.7	35.1	35.4	37.6	37.5	34.2	34.6	33.8	34.0
1978	34.3	33.3	33.7	33.9	34.2	34.0	34.1	36.6	36.7	33.6	34.0	34.5	34.0
1979	34.8	33.8	34.5	33.6	34.7	35.0	35.2	37.6	37.5	34.5	34.3	33.9	33.9
1980	34.2	33.6	33.4	33.2	33.9	34.2	34.3	36.8	36.8	33.6	34.3	33.9	33.9
1981	34.2	33.5	33.4	33.4	33.5	34.5	34.2	37.1	37.7	33.3	34.1	33.6	33.2
1982		32.5	33.0										

SIC 411—LOCAL AND SUBURBAN TRANSPORTATION

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	71.1	70.2	71.1	70.3	70.3	70.7	71.1	72.0	70.7	71.5	71.7	71.8	71.9
1978	71.6	72.1	72.0	72.0	69.5	68.4	71.6	73.0	71.3	72.5	71.9	72.8	72.6
1979	75.6	73.8	74.5	74.7	75.0	76.5	74.4	75.2	75.4	77.0	77.2	77.8	77.8
1980	78.6	77.6	77.6	77.6	76.5	78.0	78.0	77.5	77.5	81.3	81.1	80.1	80.1
1981	81.9	80.4	80.2	81.2	81.5	81.6	82.7	79.9	80.5	83.2	82.8	82.0	83.0
1982		83.0	83.0										

SIC 411—LOCAL AND SUBURBAN TRANSPORTATION (Con.)

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	7.8	7.6	7.7	7.9	7.8	7.7	7.7	7.4	7.4	7.7	8.2	8.3	8.5
1978	9.2	8.7	8.8	8.7	8.5	8.6	9.2	9.1	9.2	9.6	9.4	9.8	10.3
1979	11.4	10.5	10.7	10.7	11.0	11.2	11.0	11.2	11.3	12.0	12.1	12.3	12.6
1980	13.4	12.6	12.8	13.0	12.6	13.0	12.8	12.6	12.9	14.6	14.5	14.4	14.6
1981	15.4	14.6	14.9	15.0	15.0	15.2	15.3	14.8	14.9	16.1	16.3	15.9	15.7
1982		16.5	16.5										

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	65.2	63.9	64.8	64.4	64.3	64.7	65.3	66.1	65.0	65.7	65.8	65.9	65.9
1978	66.1	66.1	66.0	66.2	63.8	62.7	66.2	67.6	65.9	67.1	66.7	67.5	67.1
1979	70.0	68.3	69.1	69.3	69.5	70.9	68.8	69.7	69.8	71.1	71.4	71.4	71.1
1980	71.9	70.6	70.7	71.0	69.7	71.2	71.2	70.3	71.2	74.9	74.6	73.6	73.3
1981	74.5	73.7	73.6	74.4	74.5	74.8	75.4	73.0	73.2	76.0	75.3	74.7	74.1
1982		75.5	75.5										

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	256.89	238.55	248.64	245.20	246.22	254.37	259.30	266.90	269.03	259.49	264.92	262.68	271.40
1978	282.49	267.71	281.31	284.08	288.39	283.24	273.64	284.09	286.47	277.09	292.46	287.70	288.33
1979	283.72	274.57	292.45	281.11	297.65	286.49	290.78	295.24	289.05	274.22	279.07	274.56	271.56
1980	274.22	267.05	275.12	268.62	275.60	272.05	274.31	283.11	284.31	271.75	273.76	272.22	271.13
1981	287.23	277.68	275.16	275.22	283.08	284.59	282.12	292.13	295.32	292.59	295.94	298.80	305.10
1982		298.31	299.02										

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	6.19	5.79	5.92	5.88	6.02	6.10	6.13	6.28	6.33	6.36	6.43	6.47	6.53
1978	6.84	6.61	6.73	6.78	6.85	6.76	6.79	6.98	6.97	6.91	6.98	6.85	6.86
1979	6.92	6.83	6.93	6.89	6.89	6.92	6.99	7.08	7.05	6.89	6.84	6.80	6.82
1980	6.96	6.83	6.93	6.87	6.96	6.94	6.98	7.06	7.09	6.95	7.02	6.98	6.99
1981	7.29	7.12	7.11	7.13	7.24	7.26	7.29	7.34	7.31	7.37	7.38	7.47	7.48
1982		7.61	7.57										

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	41.5	41.2	42.0	41.7	40.9	41.7	42.3	42.5	42.5	40.8	41.2	40.6	41.1
1978	41.3	40.5	41.8	41.9	42.1	41.9	40.3	40.7	41.1	40.1	41.9	42.0	42.4
1979	41.0	40.2	42.2	40.8	43.2	41.4	41.6	41.7	41.0	39.8	40.8	40.2	39.1
1980	39.4	39.1	39.7	39.1	40.0	39.2	39.3	40.1	40.1	39.1	39.0	39.0	38.9
1981	39.4	39.0	38.7	38.6	39.1	39.2	38.7	39.8	40.4	39.7	40.1	40.0	39.2
1982		39.2	39.5										

SIC 412—TAXICABS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	70.4	75.3	76.8	75.2	74.0	71.4	69.8	68.3	67.6	67.1	66.7	66.3	66.5
1978	63.9	66.3	66.9	66.4	65.0	64.3	63.2	62.2	62.1	61.9	62.3	62.6	63.1
1979	59.6	63.3	63.9	63.1	61.4	60.2	58.0	57.7	56.2	57.6	57.6	57.9	57.1
1980	52.5	57.2	56.6	55.5	53.9	53.4	52.1	50.7	49.5	49.2	50.5	50.3	50.5
1981	47.3	50.4	49.3	48.8	47.4	47.3	46.5	46.4	45.4	46.2	46.3	46.5	47.1
1982		47.1	47.2										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	6.6	6.3	6.6	6.5	6.7	6.6	6.5	6.5	6.5	6.8	6.8	6.8	6.9
1978	7.0	6.8	6.9	6.9	7.1	7.0	6.8	6.7	6.7	6.9	7.0	7.3	7.4
1979	7.0	7.5	7.4	7.2	7.1	6.9	6.8	6.6	6.2	6.9	6.8	7.1	7.1
1980	6.7	6.8	6.6	6.8	6.8	6.8	6.5	6.5	6.2	6.5	6.8	6.8	6.8
1981	6.7	6.9	6.9	6.9	6.8	6.7	6.7	6.5	6.2	6.8	6.6	6.8	6.8
1982		6.7	6.7										

See footnotes at end of tables

SIC 413—INTERCITY HIGHWAY TRANSPORTATION

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	37.4	38.8	36.1	36.3	37.1	37.5	38.5	39.8	39.5	38.1	36.1	35.2	35.3
1978	36.1	35.5	33.7	33.8	35.0	36.0	37.3	38.6	38.4	37.2	35.7	35.5	36.2
1979	36.7	35.5	34.2	34.4	35.2	36.1	37.3	38.8	39.5	38.6	37.0	36.8	37.5
1980	37.9	36.7	35.7	35.8	37.0	37.9	39.1	40.2	41.2	39.8	37.4	36.9	37.4
1981	38.0	36.4	34.3	36.4	37.0	38.4	39.4	40.3	40.4	39.7	37.7	36.9	36.9
1982		36.4											

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	5.2	5.8	5.0	4.9	4.9	4.9	4.9	5.1	5.1	4.9	4.6	4.5	4.4
1978	4.5	4.6	4.3	4.3	4.3	4.4	4.6	4.6	4.7	4.6	4.5	4.3	4.6
1979	4.7	4.5	4.5	4.4	4.4	4.5	4.6	4.6	5.1	5.1	4.9	4.9	5.0
1980	5.1	4.9	4.8	4.8	4.9	4.9	5.2	5.5	5.3	5.3	5.1	5.1	5.1
1981	4.8	4.8	4.9	4.8	4.8	4.8	5.0	4.8	4.9	5.0	4.7	4.7	4.8
1982		4.6	4.6										

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	34.1	35.4	32.8	33.1	33.9	34.2	35.2	36.5	36.3	34.8	32.9	32.1	32.3
1978	33.1	32.5	30.7	30.9	32.0	33.1	34.3	35.6	35.4	34.2	32.7	32.6	33.3
1979	33.8	32.6	31.3	31.4	32.2	33.3	34.4	36.0	36.6	35.8	34.1	33.9	34.5
1980	34.8	33.8	32.8	32.9	34.2	35.0	36.1	37.2	38.1	36.4	34.0	33.4	34.1
1981	34.6	33.3	33.3	33.3	34.1	35.5	36.3	37.0	37.1	36.2	34.5	33.8	33.7
1982		33.4	31.4										

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	283.12	279.29	265.91	266.42	301.55	282.72	288.03	299.44	300.66	284.60	286.52	270.82	263.77
1978	297.54	283.56	274.64	272.58	297.83	282.72	298.83	323.11	313.36	304.05	312.42	312.58	287.45
1979	335.04	306.81	298.39	302.28	342.10	323.47	333.89	366.43	357.19	363.17	332.10	349.00	335.37
1980	350.53	328.35	307.15	337.21	347.33	337.46	353.78	380.07	372.91	365.74	366.54	368.81	336.24
1981	386.64	383.77	367.14	336.17	374.49	381.99	384.05	408.81	429.75	400.00	386.60	396.01	383.71
1982		405.12	385.58										

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	7.45	7.61	7.11	7.22	7.52	7.44	7.54	7.60	7.67	7.63	7.56	7.44	7.43
1978	8.03	7.79	7.65	7.70	7.90	7.81	7.99	8.18	8.29	8.33	8.20	8.14	8.12
1979	8.84	8.57	8.22	8.42	8.51	8.58	8.65	9.07	9.02	9.36	9.00	9.16	9.29
1980	9.93	9.89	9.48	9.66	9.49	9.40	9.80	10.30	10.33	10.42	10.21	10.16	9.69
1981	10.77	10.69	10.43	10.44	10.95	10.67	10.58	10.96	11.25	10.84	10.65	10.82	10.87
1982		11.64	11.06										

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	37.8	36.7	37.4	36.9	40.1	38.0	38.2	39.4	39.2	37.3	37.9	36.4	35.5
1978	37.1	36.4	35.9	35.4	37.7	36.2	37.4	39.5	37.8	36.5	38.1	38.4	35.4
1979	37.9	35.6	36.3	35.9	40.2	37.7	38.6	40.4	39.6	38.8	36.9	38.1	36.1
1980	38.3	33.2	32.4	34.2	36.6	35.9	36.1	36.9	36.1	35.1	35.9	36.3	34.7
1981	35.9	35.9	36.2	32.2	34.2	35.8	36.3	37.3	38.2	36.9	36.3	36.6	35.3
1982		34.4	34.8										

SIC 415—SCHOOL BUSES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	70.5	79.0	77.5	78.6	73.9	81.6	69.7	37.1	36.3	74.6	78.6	79.2	80.0
1978	73.4	80.1	81.3	82.4	82.5	83.1	72.5	34.9	35.0	77.5	82.9	84.1	84.3
1979	79.7	83.6	84.7	85.5	81.3	85.7	76.1	36.8	36.1	85.2	87.1	87.6	88.3
1980	79.9	88.4	90.1	90.8	86.4	91.8	81.6	39.6	37.9	84.9	89.2	89.1	89.1
1981	84.1	88.5	85.9	90.2	88.9	90.9	78.2	38.2	37.2	97.6	103.9	103.5	102.3
1982		103.9	104.0										

SIC 415—SCHOOL BUSES (Con.)

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	28.2	32.5	31.5	32.4	30.9	33.3	28.5	11.3	10.7	30.1	31.7	32.1	32.8
1978	30.3	32.5	33.1	34.3	34.8	35.0	32.0	10.9	11.3	33.0	34.8	35.5	35.8
1979	33.5	35.6	35.7	36.1	35.5	37.1	34.0	12.6	11.5	41.1	40.5	40.6	41.3
1980	36.7	40.9	41.7	42.0	39.2	42.6	38.4	14.6	13.0	40.3	42.7	42.6	42.6
1981	39.5	41.9	42.2	42.8	41.7	43.2	38.3	13.9	12.8	47.6	50.0	50.4	49.1
1982		49.6	49.5										

SIC 42—TRUCKING AND WAREHOUSING

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	1,219.5	1,145.0	1,158.3	1,158.8	1,183.2	1,202.0	1,231.1	1,239.2	1,250.0	1,270.8	1,261.0	1,261.7	1,272.5
1978	1,302.5	1,224.1	1,230.0	1,259.4	1,275.5	1,293.9	1,318.9	1,310.4	1,324.2	1,336.4	1,343.7	1,351.9	1,361.6
1979	1,339.4	1,291.0	1,303.8	1,319.7	1,261.4	1,350.2	1,372.7	1,364.0	1,356.7	1,360.2	1,365.0	1,362.3	1,365.8
1980	1,280.2	1,290.2	1,282.1	1,284.9	1,276.9	1,263.1	1,273.3	1,267.8	1,276.0	1,276.9	1,290.9	1,288.7	1,291.7
1981	1,254.3	1,231.7	1,227.0	1,233.9	1,240.4	1,249.4	1,268.4	1,263.3	1,268.8	1,273.8	1,268.0	1,266.0	1,260.4
1982		1,191.8	1,194.0										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	127.4	120.8	120.7	120.2	122.9	125.6	128.4	130.3	130.7	132.5	132.3	131.7	132.5
1978	140.3	131.1	131.9	133.0	135.2	138.3	141.6	141.7	144.1	144.3	146.0	147.2	149.3
1979	151.2	144.9	145.4	147.3	142.5	148.8	152.9	153.4	154.1	153.9	155.4	158.5	157.5
1980	151.8	152.9	151.3	151.0	150.8	150.0	151.2	150.0	151.5	150.2	153.9	153.9	155.4
1981	153.9	150.8	149.8	150.9	150.8	151.9	154.3	154.1	155.0	155.1	156.9	158.2	159.5
1982		154.8	153.6										

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	1,078.3	1,005.8	1,019.0	1,022.6	1,044.8	1,062.0	1,090.0	1,097.4	1,106.5	1,126.2	1,117.0	1,118.7	1,129.4
1978	1,154.0	1,080.4	1,086.9	1,114.5	1,129.4	1,146.2	1,170.0	1,161.7	1,174.2	1,184.8	1,192.3	1,200.2	1,206.9
1979	1,183.7	1,139.9	1,153.4	1,168.4	1,108.8	1,194.6	1,216.1	1,206.2	1,199.1	1,202.2	1,206.6	1,201.9	1,206.7
1980	1,121.4	1,131.0	1,121.7	1,126.7	1,118.3	1,106.1	1,115.6	1,110.4	1,115.5	1,118.7	1,131.1	1,129.4	1,132.8
1981	1,093.1	1,072.0	1,066.9	1,073.2	1,079.0	1,085.2	1,107.1	1,102.5	1,107.8	1,112.2	1,106.2	1,104.3	1,100.5
1982		1,031.3	1,033.9										

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	287.55	261.74	273.38	274.19	281.90	286.84	292.74	290.29	293.66	294.76	295.97	294.59	305.21
1978	313.50	285.87	297.54	301.32	313.07	313.56	316.27	317.12	318.71	319.97	321.17	318.80	331.25
1979	331.10	312.03	322.00	326.03	293.46	327.16	333.20	333.48	337.68	341.65	343.33	342.86	353.50
1980	357.90	336.87	340.95	344.18	348.69	354.38	358.54	353.47	362.48	365.63	369.66	372.23	384.80
1981	387.87	370.72	375.18	377.50	382.96	392.00	395.61	391.04	393.61	389.09	389.32	391.02	401.49
1982		372.96	393.72										

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	7.10	6.66	6.75	6.77	7.03	7.10	7.14	7.15	7.18	7.26	7.29	7.31	7.39
1978	7.76	7.33	7.42	7.44	7.73	7.80	7.79	7.83	7.85	7.92	7.93	7.95	8.04
1979	8.34	7.96	8.05	8.09	7.91	8.22	8.33	8.40	8.40	8.52	8.67	8.68	8.75
1980	9.13	8.66	8.72	8.78	9.01	9.11	9.10	9.11	9.20	9.28	9.43	9.52	9.62
1981	9.92	9.53	9.62	9.63	9.87	10.00	9.94	9.95	9.99	10.08	10.06	10.13	10.19
1982		10.08	10.20										

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	40.5	39.3	40.5	40.5	40.1	40.4	41.0	40.6	40.9	40.6	40.6	40.3	41.3
1978	40.4	39.0	40.1	40.5	40.5	40.2	40.6	40.5	40.6	40.4	40.5	40.1	41.2
1979	39.7	39.2	40.0	40.3	37.1	39.8	40.0	39.7	40.2	40.1	39.6	39.5	40.4
1980	39.2	38.9	39.1	39.2	38.7	38.9	39.4	38.8	39.4	39.4	39.2	39.1	40.0
1981	39.1	38.9	39.0	39.2	38.8	39.2	39.8	39.3	39.4	38.6	38.7	38.6	39.4
1982		37.0	38.6										

See footnotes at end of tables.

SIC 421,3—TRUCKING AND TRUCKING TERMINALS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	1,131.9	1,062.7	1,076.0	1,076.3	1,099.5	1,118.2	1,145.5	1,152.5	1,161.7	1,179.0	1,165.9	1,166.7	1,178.8
1978	1,212.0	1,135.1	1,141.4	1,170.0	1,185.6	1,203.7	1,228.4	1,220.9	1,233.9	1,246.0	1,250.6	1,259.3	1,268.7
1979	1,248.8	1,270.9	1,215.6	1,231.9	1,175.4	1,264.9	1,285.9	1,276.1	1,267.3	1,270.0	1,268.7	1,262.1	1,266.7
1980	1,189.3	1,195.2	1,190.6	1,194.3	1,188.3	1,175.2	1,186.1	1,180.0	1,186.4	1,186.2	1,195.6	1,193.6	1,200.0
1981	1,166.0	1,141.6	1,139.3	1,147.3	1,155.1	1,165.6	1,183.3	1,178.4	1,180.5	1,185.1	1,175.5	1,172.4	1,167.8
1982		1,103.8	1,108.4										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	112.4	107.5	107.2	106.4	108.7	111.0	113.3	115.3	116.0	116.1	114.9	115.3	116.6
1978	124.6	116.2	117.1	118.1	120.1	123.0	126.5	126.4	126.0	127.9	128.7	130.5	132.6
1979	134.2	128.7	129.7	131.4	126.1	132.8	136.8	137.2	137.4	136.7	136.6	136.8	138.5
1980	135.2	135.9	134.7	134.6	134.9	134.0	135.6	134.5	135.4	133.3	134.8	136.0	139.0
1981	137.0	134.6	133.9	135.4	135.6	136.6	138.8	138.0	137.7	136.9	136.8	138.8	141.0
1982		137.5	136.5										

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	1,003.0	934.8	948.1	951.5	973.4	990.6	1,017.2	1,023.4	1,030.8	1,047.0	1,034.8	1,036.1	1,046.3
1978	1,075.7	1,003.9	1,010.7	1,037.6	1,051.8	1,068.2	1,091.6	1,084.1	1,096.0	1,106.6	1,111.4	1,119.9	1,126.4
1979	1,105.7	1,062.4	1,077.8	1,093.2	1,035.2	1,121.7	1,141.8	1,130.8	1,122.4	1,124.5	1,123.1	1,114.7	1,120.6
1980	1,044.0	1,049.1	1,043.1	1,049.3	1,042.8	1,031.5	1,041.6	1,036.4	1,039.9	1,041.7	1,049.7	1,048.4	1,054.9
1981	1,018.9	996.3	993.4	1,000.6	1,007.8	1,015.4	1,031.1	1,031.7	1,034.2	1,037.3	1,027.6	1,024.7	1,021.9
1982		957.1	962.2										

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	293.54	266.85	278.92	280.14	287.83	293.94	298.80	296.30	299.71	301.92	302.81	301.79	312.16
1978	320.76	291.72	305.07	308.15	319.95	320.79	323.57	323.99	325.60	327.04	329.66	325.21	339.07
1979	337.83	318.70	329.22	334.13	298.59	333.56	340.05	340.69	344.97	346.47	351.74	350.76	361.58
1980	365.74	344.27	348.38	352.13	356.96	362.70	365.63	361.38	370.51	374.07	380.03	381.23	393.20
1981	396.08	378.89	383.37	385.34	392.11	400.23	403.57	399.91	403.30	397.56	399.64	400.28	410.55
1982		382.50	403.25										

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	7.23	6.79	6.87	6.90	7.15	7.24	7.27	7.28	7.31	7.40	7.44	7.47	7.54
1978	7.92	7.48	7.57	7.59	7.95	7.96	7.95	7.98	8.00	8.08	8.10	8.11	8.21
1979	8.51	8.13	8.21	8.25	8.07	8.36	8.48	8.56	8.56	8.63	8.66	8.68	8.85
1980	9.33	8.85	8.91	8.96	9.20	9.30	9.28	9.29	9.38	9.47	9.57	9.75	9.83
1981	10.13	9.74	9.83	9.83	10.04	10.21	10.14	10.15	10.21	10.30	10.30	10.37	10.42
1982		10.31	10.42										

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	40.6	39.3	40.6	40.6	40.2	40.6	41.1	40.7	41.0	40.8	40.7	40.4	41.4
1978	40.5	39.0	40.7	40.6	40.5	40.3	40.7	40.6	40.7	40.5	40.6	40.1	41.3
1979	39.7	39.2	40.1	40.5	37.0	39.5	40.1	39.8	40.3	40.1	39.7	39.5	40.4
1980	39.2	38.9	39.1	39.3	38.9	39.0	39.4	38.9	39.5	39.5	39.3	39.1	40.0
1981	39.1	38.9	39.0	39.2	38.9	39.2	39.6	39.4	39.5	38.6	38.6	38.6	39.4
1982		37.1	38.7										

SIC 422—PUBLIC WAREHOUSING

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	87.6	82.3	82.3	82.5	83.7	83.8	85.6	86.7	88.3	91.8	95.1	95.0	93.7
1978	90.5	89.0	88.6	89.4	89.9	90.2	90.5	89.5	90.3	90.4	93.1	92.6	92.9
1979	90.6	90.1	88.2	87.8	86.0	85.3	86.8	87.9	89.4	90.2	96.3	100.2	99.1
1980	90.9	95.0	91.5	90.6	88.6	87.9	87.1	87.8	89.6	90.7	95.3	95.1	91.7
1981	88.3	90.1	87.7	86.6	85.3	83.8	85.1	84.9	88.1	88.7	92.5	93.6	92.6
1982		88.0	85.6										

See footnotes at end of tables.

SIC 422—PUBLIC WAREHOUSING (Con.)

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	15.0	13.3	13.5	13.8	14.2	14.6	15.1	15.0	14.7	16.4	17.4	16.4	15.6
1978	15.7	14.9	14.8	14.9	15.1	15.3	15.1	15.3	16.1	16.4	17.3	16.7	16.5
1979	17.0	16.2	16.1	15.9	16.4	16.0	16.1	16.2	16.7	17.2	18.8	19.7	19.0
1980	16.6	17.0	16.6	16.4	15.9	16.0	15.4	15.5	16.1	16.9	19.1	17.9	16.4
1981	16.9	16.2	15.9	15.5	15.2	15.3	15.5	16.1	17.3	18.7	20.1	19.4	18.3
1982		17.3	17.1										

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	75.3	71.0	70.9	71.1	71.4	71.4	72.8	74.0	75.7	79.3	82.2	80.6	81.1
1978	78.3	76.5	76.2	76.9	77.6	78.0	78.4	77.6	78.2	78.2	80.9	80.1	80.5
1979	78.0	77.5	75.6	75.2	73.6	72.9	74.3	75.4	76.7	77.7	83.5	87.2	86.1
1980	77.4	81.9	78.6	77.4	75.5	74.6	74.0	74.0	75.6	77.0	81.4	81.0	77.4
1981	74.2	75.7	73.5	72.6	71.2	69.8	71.0	70.8	73.6	74.9	78.6	79.6	76.9
1982		74.2	71.7										

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	201.50	191.88	194.82	190.73	196.10	196.44	203.32	206.17	206.42	203.29	201.60	209.76	213.01
1978	215.83	200.26	206.44	213.84	214.42	213.95	215.44	216.89	216.10	223.57	218.90	225.10	224.07
1979	230.68	216.93	219.82	221.36	217.33	223.40	227.92	230.44	231.21	237.94	236.16	241.65	251.94
1980	247.94	238.70	239.09	237.50	241.04	246.27	249.06	250.96	253.22	250.97	247.65	254.45	263.22
1981	265.65	262.08	257.19	259.38	260.99	265.04	266.82	267.19	269.40	267.40	260.06	273.26	274.63
1982		259.07	266.96										

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.18	4.92	4.97	4.98	5.12	5.13	5.20	5.30	5.32	5.28	5.25	5.28	5.31
1978	5.52	5.32	5.39	5.40	5.47	5.50	5.51	5.59	5.55	5.66	5.57	5.67	5.62
1979	5.93	5.62	5.68	5.75	5.78	5.91	5.92	5.97	5.99	6.07	6.04	6.13	6.15
1980	6.44	6.20	6.21	6.25	6.26	6.43	6.52	6.56	6.56	6.57	6.35	6.61	6.67
1981	6.90	6.72	6.75	6.79	6.85	6.92	6.93	6.94	6.89	7.00	6.86	7.08	7.08
1982		7.04	7.10										

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	38.7	39.0	39.2	38.3	38.3	38.3	39.1	38.9	38.8	38.5	38.4	38.6	40.1
1978	39.1	38.0	38.3	39.6	39.2	38.9	39.1	38.8	39.3	39.5	39.3	39.7	39.8
1979	38.4	38.6	38.7	38.5	37.6	37.8	38.5	38.6	38.6	39.2	39.1	40.8	40.5
1980	38.5	38.5	38.4	38.0	37.9	38.3	38.2	38.5	38.6	38.8	39.0	39.1	39.1
1981	38.5	39.0	38.1	38.2	38.1	38.3	38.5	38.5	39.1	38.2	37.6	38.6	38.9
1982		38.8	37.6										

SIC 44—WATER TRANSPORTATION

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	196.0	189.5	190.1	186.4	190.3	195.6	195.9	200.6	196.5	211.0	199.3	199.1	207.7
1978	209.4	206.4	203.4	201.8	211.1	214.2	217.3	209.7	210.5	210.2	208.6	208.5	210.8
1979	215.9	216.7	206.6	201.5	207.4	212.3	221.6	224.0	227.1	220.7	216.9	217.4	226.5
1980	212.7	206.6	202.4	202.4	212.2	215.6	219.4	221.3	216.5	217.3	211.5	208.9	209.4
1981	216.3	209.0	209.6	212.4	216.4	218.3	222.9	226.7	223.2	222.8	214.5	222.9	224.1
1982		200.9	195.5										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	16.5	15.5	15.7	15.9	16.6	16.8	17.3	17.4	17.6	17.3	16.0	15.2	15.3
1978	18.1	17.2	17.0	17.2	17.9	18.2	18.6	18.4	18.5	18.3	18.3	18.5	18.3
1979	20.1	19.0	18.5	18.5	19.2	19.7	20.5	21.0	21.0	21.0	20.6	20.9	21.1
1980	21.2	20.8	20.3	20.4	20.9	20.6	21.6	22.5	22.2	21.9	21.3	21.0	21.1
1981	23.6	21.3	21.3	22.2	22.7	23.1	24.2	25.2	25.4	24.7	24.2	24.4	24.1
1982		24.2	24.1										

SIC 45—TRANSPORTATION BY AIR

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	366.1	378.4	378.4	379.8	379.6	381.3	386.0	390.4	391.2	391.4	390.7	392.6	395.7
1978	387.9	390.6	398.9	398.7	402.8	399.0	407.5	413.3	409.9	411.7	413.4	419.0	426.8
1979	418.1	427.0	430.4	434.7	402.9	409.4	444.5	446.3	451.4	450.7	450.3	453.2	456.7
1980	433.4	456.1	455.3	456.5	456.2	458.0	456.2	457.0	457.9	449.9	447.1	443.5	446.1
1981	453.5	447.0	449.5	450.8	452.7	456.0	459.6	462.4	462.4	456.5	451.3	447.6	446.2
1982		442.9	441.4										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	114.0	108.1	107.9	110.7	110.6	112.1	114.5	116.7	116.8	114.2	117.6	118.6	119.7
1978	115.6	110.4	120.9	122.1	123.3	122.6	125.8	127.9	126.9	127.3	128.2	129.4	132.1
1979	128.9	124.6	129.5	137.1	126.7	130.5	141.5	142.1	143.3	142.0	143.3	144.7	146.0
1980	141.2	144.8	146.3	146.5	147.4	148.9	149.3	150.0	150.1	148.0	146.3	145.3	146.2
1981	146.6	145.5	147.3	147.8	148.6	149.7	151.2	152.1	152.6	149.7	148.0	145.8	145.0
1982		144.1	143.9										

SIC 451,2—AIR TRANSPORTATION

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	366.6	378.4	378.2	380.6	380.6	382.6	386.4	390.8	391.4	391.5	390.3	392.1	394.7
1978	388.6	390.8	399.1	398.1	403.8	399.2	407.8	413.5	410.0	411.8	413.5	419.2	426.9
1979	418.3	427.2	430.5	434.9	403.9	409.5	444.7	446.4	451.5	450.8	450.4	453.3	456.8
1980	433.5	456.2	455.4	456.6	456.3	458.1	456.3	457.1	458.0	450.0	447.2	443.6	446.2
1981	453.6	447.1	449.6	450.9	452.8	456.1	459.7	462.5	462.5	456.6	451.4	447.7	446.3
1982		443.0	441.5										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	107.9	101.9	101.7	104.6	104.5	106.2	108.4	110.6	110.7	108.2	111.6	112.5	113.6
1978	109.5	104.4	114.6	115.6	116.9	116.0	118.9	121.0	119.9	120.6	121.3	122.6	125.1
1979	121.3	117.6	122.2	129.8	119.3	122.8	133.5	134.1	135.6	134.1	135.4	136.8	138.0
1980	133.1	136.6	138.1	138.3	138.9	140.4	140.7	141.4	141.6	139.5	137.8	136.6	137.6
1981	139.7	138.8	139.7	139.2	140.0	141.0	142.3	143.2	143.5	140.6	138.8	136.7	135.7
1982		134.9	134.6										

SIC 46—PIPE LINES, EXCEPT NATURAL GAS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	18.5	17.5	17.6	17.6	17.5	17.7	18.8	19.1	19.4	19.4	19.2	19.2	19.2
1978	18.6	18.1	19.0	19.0	19.1	19.2	20.3	20.4	20.6	19.8	19.7	19.6	19.7
1979	20.1	19.7	19.6	19.4	19.4	19.5	20.7	21.0	20.7	20.2	20.2	20.3	20.3
1980	21.3	20.1	20.1	20.5	20.8	21.2	22.1	22.4	22.4	21.6	21.4	21.4	21.2
1981	21.9	21.3	21.2	21.2	21.2	21.4	22.5	22.9	22.8	22.1	22.0	22.1	22.2
1982		22.1	22.2										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	1.9	1.7	1.8	1.7	1.7	1.8	1.9	1.9	2.0	2.1	2.1	2.1	2.1
1978	2.0	2.0	2.0	1.9	2.0	1.9	2.0	2.0	2.0	2.0	2.1	2.1	2.1
1979	2.2	2.1	2.0	2.0	2.1	2.2	2.3	2.3	2.3	2.4	2.3	2.3	2.3
1980	2.7	2.7	2.3	2.5	2.5	2.7	2.8	2.9	2.8	2.8	2.8	2.9	2.9
1981	3.2	3.0	2.9	3.0	3.0	3.1	3.2	3.3	3.3	3.3	3.3	3.3	3.4
1982		3.4	3.3										

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	13.6	13.0	12.9	13.1	12.9	13.1	14.0	14.2	14.3	14.2	14.0	13.9	13.8
1978	14.0	13.6	13.6	13.7	13.7	13.9	14.8	15.0	15.1	14.3	14.1	14.0	14.0
1979	14.3	14.0	14.0	13.7	13.7	13.8	14.8	15.0	14.9	14.4	14.4	14.5	14.5

See footnotes at end of tables.

SIC 46—PIPE LINES, EXCEPT NATURAL GAS (Con.)

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1980	15.2	14.3	14.4	14.5	14.8	15.1	15.9	16.3	16.3	15.6	15.3	15.2	15.0
1981	15.3	15.0	14.9	14.9	14.9	14.9	15.9	16.2	16.1	15.5	15.2	15.2	15.3
1982		15.3	15.1										

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	340.25	352.03	338.23	348.99	346.50	339.04	336.05	331.89	334.94	332.52	337.43	337.43	348.19
1978	366.50	368.46	367.28	370.77	361.27	355.97	361.15	362.25	355.97	370.54	368.40	374.69	376.74
1979	400.79	385.53	383.64	393.55	398.13	393.46	384.81	388.63	395.93	409.64	416.11	421.83	431.72
1980	441.00	440.06	441.79	440.77	458.60	435.42	431.32	428.40	425.18	444.79	445.30	448.79	449.01
1981	491.05	492.05	476.88	478.84	491.21	488.46	479.40	490.75	482.72	502.14	498.74	500.87	510.84
1982		494.81	504.48										

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	8.14	8.13	8.15	8.27	8.20	8.15	7.87	7.94	8.11	8.15	8.23	8.23	8.31
1978	8.81	8.69	8.98	8.87	8.79	8.64	8.64	8.75	8.64	8.87	8.92	8.90	9.10
1979	9.52	9.05	9.38	9.26	9.64	9.55	9.34	9.41	9.36	9.80	9.61	9.81	10.04
1980	10.50	10.33	10.62	10.57	10.74	10.62	10.52	10.20	10.27	10.49	10.19	10.64	10.64
1981	11.50	11.39	11.68	11.32	11.45	11.63	11.28	11.23	11.20	11.57	11.68	11.73	11.88
1982		11.67	12.04										

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	41.8	43.3	41.5	42.2	42.5	41.6	42.7	41.8	41.3	40.8	41.0	41.0	41.9
1978	41.6	42.4	40.9	41.8	41.1	41.2	41.8	41.4	41.2	42.0	41.3	42.1	41.4
1979	42.1	42.6	40.9	42.5	41.3	41.2	41.2	41.3	42.3	41.6	43.3	43.0	43.0
1980	42.0	42.6	41.6	41.7	42.7	41.0	41.0	42.0	41.4	42.4	43.7	41.4	42.2
1981	43.7	43.2	41.0	42.3	42.9	42.0	42.5	43.7	43.1	43.4	42.7	42.7	43.0
1982		42.4	41.9										

SIC 47—TRANSPORTATION SERVICES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	155.5	146.8	148.5	151.0	152.5	155.4	157.0	158.5	158.1	158.9	158.5	159.2	161.0
1978	169.5	161.9	163.1	164.3	165.1	166.2	170.1	170.4	172.0	173.3	175.2	175.9	176.3
1979	188.7	177.0	179.6	180.7	181.3	184.7	189.6	191.4	193.4	195.5	197.2	197.4	196.6
1980	197.5	196.2	198.8	199.2	197.1	198.3	198.2	199.8	197.5	196.1	195.9	196.2	195.8
1981	211.7	197.2	199.6	204.0	203.1	207.6	214.5	218.7	222.4	220.0	219.5	217.5	216.4
1982		215.8	216.3										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	67.1	61.9	63.0	64.2	65.4	66.0	67.8	68.4	68.4	69.0	69.6	69.8	71.6
1978	75.6	72.0	73.0	73.4	74.7	76.0	77.8	77.1	78.9	78.8	79.2	79.2	79.4
1979	86.7	79.7	81.8	82.8	83.0	84.2	87.2	88.0	89.2	89.7	90.6	90.2	91.6
1980	91.7	92.6	92.6	92.4	91.8	92.5	91.7	91.7	91.3	90.8	91.0	90.6	91.3
1981	101.9	92.3	93.9	96.3	97.3	97.6	101.4	103.1	108.5	108.0	108.9	107.5	107.5
1982		108.0	109.0										

SIC 48—COMMUNICATION

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	1,185.2	1,171.4	1,172.3	1,173.1	1,173.5	1,180.7	1,186.7	1,191.9	1,190.3	1,191.6	1,192.5	1,198.3	1,200.3
1978	1,239.8	1,199.6	1,207.5	1,211.6	1,218.4	1,225.7	1,239.7	1,253.1	1,260.8	1,259.7	1,264.0	1,266.2	1,271.3
1979	1,309.0	1,274.7	1,280.7	1,286.1	1,292.9	1,300.7	1,316.9	1,319.7	1,324.8	1,321.1	1,321.0	1,332.4	1,336.8
1980	1,357.0	1,330.3	1,335.4	1,338.1	1,343.4	1,350.1	1,363.3	1,367.2	1,369.8	1,367.6	1,372.5	1,372.6	1,373.1
1981	1,384.2	1,366.9	1,369.8	1,371.2	1,374.1	1,378.5	1,387.8	1,393.5	1,392.4	1,391.3	1,393.8	1,394.7	1,396.1
1982		1,394.4	1,396.8										

SIC 48—COMMUNICATION (Con.)

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	531.5	520.7	520.2	522.9	524.6	528.2	532.2	535.6	534.6	536.4	537.4	541.7	543.1
1978	565.5	541.6	545.0	548.6	551.3	554.8	563.4	570.4	575.3	575.9	584.3	586.3	589.2
1979	614.9	601.3	603.7	605.0	608.7	612.9	619.8	620.9	622.3	619.0	619.4	624.1	621.4
1980	633.4	617.7	621.8	623.3	626.8	628.8	634.7	638.0	640.2	638.2	643.0	644.0	643.7
1981	648.4	639.5	638.9	640.2	642.6	645.3	650.8	653.1	652.9	652.2	653.4	654.5	657.1
1982		626.9	628.0										

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	906.5	901.6	898.9	899.7	899.4	903.3	908.4	913.1	910.6	908.5	908.8	912.3	913.6
1978	939.0	910.0	915.6	919.4	924.1	929.1	940.4	949.9	955.8	952.5	955.5	956.2	959.5
1979	986.8	961.9	967.3	971.2	976.1	983.3	994.7	996.4	999.4	993.9	994.1	1,002.3	1,000.5
1980	1,013.5	993.9	999.4	1,002.0	1,004.2	1,009.0	1,016.7	1,020.4	1,022.2	1,019.9	1,023.7	1,024.9	1,025.1
1981	1,035.0	1,023.8	1,025.1	1,026.4	1,028.2	1,031.0	1,039.6	1,043.4	1,041.1	1,039.2	1,039.3	1,040.2	1,042.9
1982		1,053.7	1,055.5										

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	266.90	252.46	253.76	254.28	256.11	259.65	259.25	265.86	265.07	274.28	284.40	289.96	285.68
1978	292.47	285.68	285.20	283.46	282.74	282.35	284.89	286.00	302.71	305.92	303.91	300.93	303.28
1979	312.43	303.73	297.86	298.26	300.13	297.44	300.09	301.25	328.64	336.15	328.80	332.07	328.35
1980	339.15	329.57	329.60	330.34	328.72	325.64	329.06	334.87	335.20	342.10	359.29	361.70	361.10
1981	377.30	357.98	360.48	356.57	360.48	359.96	366.28	366.16	393.20	405.02	397.79	402.40	396.19
1982		392.21	392.82										

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	6.74	6.49	6.49	6.52	6.55	6.59	6.58	6.63	6.66	6.84	7.11	7.16	7.16
1978	7.33	7.16	7.13	7.14	7.14	7.13	7.14	7.15	7.53	7.61	7.63	7.58	7.62
1979	7.85	7.67	7.56	7.57	7.56	7.53	7.54	7.55	8.14	8.30	8.22	8.24	8.25
1980	8.50	8.26	8.24	8.30	8.28	8.27	8.31	8.33	8.38	8.51	9.05	9.02	9.05
1981	9.48	9.04	9.06	9.05	9.08	9.09	9.18	9.20	9.83	10.05	10.02	10.06	10.03
1982		9.98	9.97										

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	39.6	38.9	39.1	39.0	39.1	39.4	39.4	40.1	39.8	40.1	40.0	40.5	39.9
1978	39.9	39.5	40.0	39.7	39.6	39.6	39.9	40.0	40.2	40.2	39.7	39.7	39.8
1979	39.8	39.6	39.4	39.4	39.7	39.5	39.8	39.9	40.2	40.5	40.0	40.3	39.8
1980	39.5	39.9	40.0	39.8	39.7	39.4	39.6	40.1	40.0	40.2	39.7	40.1	39.9
1981	39.8	39.6	39.7	39.4	39.7	39.6	39.9	39.8	40.0	40.3	39.7	40.0	39.5
1982		39.3	39.4										

SIC 481—TELEPHONE COMMUNICATION

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	957.3	949.8	950.1	949.8	949.8	954.3	958.4	963.5	960.3	960.8	960.5	964.9	965.2
1978	994.8	963.4	970.5	972.6	977.5	983.0	994.8	1,006.0	1,011.6	1,010.0	1,013.6	1,015.3	1,019.2
1979	1,048.2	1,022.2	1,027.2	1,031.1	1,036.7	1,042.5	1,056.7	1,059.2	1,062.2	1,057.0	1,054.8	1,062.4	1,065.8
1980	1,072.2	1,059.2	1,061.6	1,061.4	1,065.3	1,069.5	1,078.5	1,080.9	1,081.4	1,076.6	1,078.7	1,077.6	1,075.4
1981	1,075.7	1,068.3	1,070.2	1,069.4	1,070.1	1,072.4	1,078.2	1,083.1	1,082.1	1,077.7	1,078.9	1,078.8	1,079.1
1982		1,076.8	1,077.5										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	469.9	462.7	461.3	463.1	464.3	467.7	470.5	474.0	472.4	473.7	474.0	477.3	477.7
1978	497.7	477.2	480.1	483.3	485.6	488.1	495.8	502.0	506.2	506.7	514.1	515.4	517.6
1979	538.7	529.0	531.4	531.9	535.0	538.0	543.9	544.5	544.8	541.4	540.6	543.4	540.5
1980	547.7	536.9	540.2	540.7	543.3	544.7	549.3	551.7	553.7	550.9	553.8	554.5	552.9
1981	554.0	548.8	549.5	549.8	550.8	552.3	555.9	558.1	557.4	555.7	555.8	556.1	557.8
1982		526.7	527.1										

See footnotes at end of tables.

SIC 481—TELEPHONE COMMUNICATION (Con.)

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	722.5	724.3	720.5	719.9	719.3	721.1	724.5	728.4	724.5	721.6	720.8	723.0	724.4
1978	740.6	719.9	724.9	726.6	729.7	733.1	742.1	749.4	753.5	750.0	751.7	751.6	756.1
1979	772.1	755.5	760.0	762.0	765.9	771.2	780.7	781.6	782.8	775.1	774.2	779.5	776.6
1980	779.3	770.1	773.2	773.8	775.3	778.4	783.1	785.1	785.5	781.0	782.3	782.5	781.2
1981	782.4	778.9	780.4	779.5	779.7	781.0	785.4	788.7	787.6	782.9	781.5	780.7	781.8
1982		791.3	791.5										

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	274.91	258.18	260.56	261.07	262.92	266.51	266.78	273.51	272.56	283.91	295.40	301.84	296.07
1978	301.50	295.07	294.19	291.60	289.35	290.07	294.11	294.52	314.61	318.27	313.98	310.80	313.56
1979	324.41	314.41	307.30	308.09	308.83	305.29	308.74	309.91	343.46	353.86	343.40	346.80	339.91
1980	350.54	341.70	342.19	341.25	338.00	335.02	338.75	345.10	345.42	352.81	376.14	378.39	375.67
1981	392.98	371.87	374.53	370.40	372.60	373.07	376.82	377.66	413.70	426.13	418.40	422.34	413.67
1982		411.05	410.65										

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	6.89	6.62	6.63	6.66	6.69	6.73	6.72	6.77	6.78	7.01	7.33	7.38	7.34
1978	7.50	7.34	7.30	7.29	7.27	7.28	7.29	7.32	7.73	7.82	7.83	7.77	7.82
1979	8.07	7.88	7.75	7.78	7.74	7.69	7.68	7.69	8.46	8.60	8.50	8.50	8.48
1980	8.72	8.50	8.47	8.51	8.45	8.46	8.46	8.50	8.55	8.69	9.38	9.32	9.35
1981	9.60	9.32	9.34	9.33	9.32	9.35	9.40	9.40	10.24	10.47	10.46	10.48	10.42
1982		10.38	10.37										

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	39.9	39.0	39.3	39.2	39.3	39.6	39.7	40.4	40.2	40.5	40.3	40.9	40.2
1978	40.2	40.2	40.3	40.0	39.8	39.9	40.4	40.4	40.7	40.7	40.1	40.0	40.1
1979	40.2	39.9	39.6	39.6	39.9	39.7	40.2	40.3	40.6	41.1	40.4	40.8	40.1
1980	40.2	40.2	40.4	40.1	40.0	39.6	39.9	40.6	40.4	40.6	40.1	40.6	40.2
1981	40.1	39.9	40.1	39.7	40.0	39.9	40.3	40.2	40.4	40.7	40.0	40.3	39.7
1982		39.6	39.6										

SIC 4817—SWITCHBOARD OPERATING EMPLOYEES[12]

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	205.80	193.14	196.04	192.63	198.70	199.63	201.14	209.72	205.56	207.68	221.50	231.25	222.11
1978	220.35	220.53	228.86	213.85	211.24	209.84	212.96	217.20	229.91	227.74	222.33	226.24	223.07
1979	223.45	219.56	222.87	211.55	228.60	213.14	213.36	216.92	231.74	234.80	233.77	236.38	225.26
1980	233.09	215.14	223.80	215.99	219.67	225.06	224.53	231.82	233.50	233.06	265.20	270.62	248.62
1981	272.46	247.54	258.91	248.30	269.57	259.76	258.21	261.17	284.97	308.38	289.85	302.23	280.93
1982		287.71	291.98										

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	5.88	5.80	5.80	5.75	5.81	5.82	5.78	5.73	5.71	5.85	6.17	6.25	6.17
1978	6.29	6.16	6.27	6.11	6.07	6.03	6.05	6.05	6.44	6.47	6.52	6.52	6.41
1979	6.67	6.42	6.46	6.43	6.55	6.42	6.35	6.38	6.98	7.03	7.02	7.12	6.90
1980	7.15	6.94	7.06	6.99	6.92	6.99	6.93	6.92	6.97	7.02	7.80	7.71	7.58
1981	7.99	7.57	7.66	7.57	7.68	7.64	7.55	7.57	8.26	8.59	8.55	8.66	8.54
1982		8.64	8.69										

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	35.0	33.3	33.8	33.5	34.2	34.3	34.8	36.6	36.0	35.5	35.9	37.0	36.0
1978	35.2	35.8	36.5	35.0	34.8	34.8	35.2	35.9	35.7	35.2	34.1	34.7	34.8
1979	33.5	34.2	34.5	33.9	34.9	33.2	33.6	34.0	33.2	33.4	33.3	33.2	33.2
1980	32.6	31.0	31.7	30.9	31.6	32.2	32.4	33.5	33.5	33.2	34.0	35.1	32.8
1981	34.1	32.7	33.8	32.8	35.1	34.0	34.2	34.5	34.5	35.9	33.9	34.9	33.2
1982		33.3	33.6										

SIC 4818—LINE CONSTRUCTION EMPLOYEES[17]

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct	Nov	Dec.
1977	364.21	336.77	337.98	339.70	340.49	347.13	348.73	360.19	361.09	382.72	399.15	413.52	404.50
1978	411.76	402.28	401.34	400.49	396.03	398.25	401.34	395.14	431.41	437.81	426.82	424.70	430.80
1979	439.63	427.55	410.52	412.34	413.16	412.88	415.30	416.22	475.64	497.73	474.72	466.26	457.28
1980	453.33	439.79	428.43	435.46	429.71	428.43	439.49	449.33	452.12	465.75	493.71	496.15	487.08
1981	496.17	476.10	481.14	466.28	466.12	468.93	480.49	480.27	524.92	542.01	524.29	525.92	518.30
1982		510.35	510.43										

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct	Nov	Dec.
1977	8.24	7.85	7.86	7.90	7.90	7.98	7.98	8.04	8.06	8.43	8.87	8.97	8.89
1978	9.13	8.90	8.84	8.88	8.84	8.85	8.84	8.82	9.44	9.58	9.57	9.48	9.51
1979	9.77	9.48	9.33	9.35	9.39	9.32	9.27	9.27	10.34	10.59	10.32	10.27	10.23
1980	10.35	10.11	10.01	10.08	10.04	10.01	10.08	10.12	10.16	10.35	11.17	11.05	11.07
1981	11.38	10.97	11.01	10.92	10.84	10.88	10.97	10.94	11.93	12.18	11.97	11.98	11.97
1982		11.98	12.01										

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct	Nov	Dec.
1977	44.2	42.9	43.0	43.0	43.1	43.5	43.7	44.8	44.8	45.4	45.0	46.1	45.5
1978	45.1	45.2	45.4	45.1	44.8	45.0	45.4	44.8	45.7	45.7	44.6	44.8	45.3
1979	45.0	45.1	44.0	44.1	44.0	44.3	44.8	44.9	46.0	47.0	46.0	45.4	44.7
1980	43.8	43.5	42.8	43.2	42.8	42.8	43.6	44.4	44.5	45.0	44.2	44.9	44.0
1981	43.6	43.4	43.7	42.7	43.0	43.1	43.8	43.9	44.0	44.5	43.8	43.9	43.3
1982		42.6	42.5										

SIC 483—RADIO AND TELEVISION BROADCASTING

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct	Nov	Dec.
1977	168.6	163.7	164.3	164.9	165.4	167.3	168.5	168.6	169.9	171.2	171.7	172.9	174.5
1978	178.8	175.4	175.4	176.7	178.2	178.6	180.1	180.2	181.9	181.8	182.5	183.0	183.7
1979	188.5	184.0	184.9	185.8	186.2	187.4	188.6	188.1	189.4	190.2	190.7	192.9	193.2
1980	199.6	193.2	192.9	195.3	196.0	197.1	199.9	201.1	201.9	202.5	204.1	204.2	205.9
1981	207.5	204.7	203.9	204.4	205.6	206.4	208.1	208.2	207.8	208.7	209.5	210.9	211.2
1982		211.7	211.9										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct	Nov	Dec.
1977	47.2	44.3	44.8	45.5	45.9	46.1	47.1	47.1	47.8	48.4	48.9	49.7	50.9
1978	52.7	50.1	50.2	50.8	51.3	52.0	52.8	53.0	53.6	53.7	54.3	54.9	55.7
1979	58.5	56.2	56.3	56.9	57.2	58.0	58.7	58.7	59.3	59.3	59.7	60.9	60.9
1980	63.8	61.1	61.3	61.7	62.5	62.7	63.7	64.2	64.2	64.8	66.0	66.2	67.0
1981	67.5	66.9	64.8	65.4	66.3	66.8	67.8	67.6	67.6	68.1	68.9	69.9	70.3
1982		70.6	71.0										

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct	Nov	Dec.
1977	132.2	127.1	128.1	128.9	129.4	130.8	131.8	132.3	133.7	134.4	135.0	136.5	138.3
1978	141.5	137.2	137.3	138.2	139.5	139.9	141.5	141.8	143.4	143.4	144.5	145.0	145.7
1979	150.9	146.1	146.8	148.1	148.3	149.9	151.2	151.1	152.0	153.1	153.3	155.1	155.6
1980	160.1	155.6	156.5	156.9	157.3	157.7	159.8	161.0	161.3	161.9	163.6	164.1	165.5
1981	167.6	164.4	163.7	164.3	165.6	166.7	168.2	168.4	168.1	168.6	170.0	171.4	171.9
1982		172.5	172.8										

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct	Nov	Dec.
1977	224.58	217.93	217.17	215.65	219.46	220.78	219.64	221.16	223.78	227.46	232.64	235.08	241.54
1978	250.80	243.97	241.04	243.20	248.41	246.62	248.03	253.63	251.25	255.15	259.31	259.84	258.55
1979	264.27	262.13	254.22	252.41	258.14	259.16	264.19	263.12	266.50	269.50	268.73	270.72	277.20
1980	283.86	278.74	269.89	273.26	278.96	275.53	280.42	284.59	284.59	290.32	288.42	293.75	297.18
1981	310.34	296.29	295.57	296.22	302.02	300.89	311.16	314.80	314.12	324.61	316.38	323.09	329.84
1982		322.88	315.83										

See footnotes at end of tables.

SIC 483—RADIO AND TELEVISION BROADCASTING (Con.)

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct	Nov	Dec.
1977	5.91	5.72	5.70	5.69	5.76	5.81	5.78	5.82	5.92	5.97	6.09	6.17	6.39
1978	6.60	6.37	6.31	6.40	6.52	6.49	6.51	6.57	6.70	6.75	6.86	6.82	6.84
1979	6.90	6.88	6.69	6.66	6.74	6.82	6.88	6.87	6.94	7.00	6.98	7.05	7.20
1980	7.44	7.24	7.14	7.21	7.38	7.27	7.36	7.45	7.45	7.62	7.61	7.71	7.80
1981	8.21	7.88	7.84	7.81	7.99	7.96	8.21	8.35	8.31	8.52	8.39	8.48	8.68
1982		8.61	8.49										

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct	Nov	Dec.
1977	38.0	38.1	38.1	37.9	38.1	38.0	38.0	38.0	37.8	38.1	38.2	38.1	37.8
1978	38.0	38.3	38.2	38.0	38.1	38.0	38.1	38.3	37.5	37.8	37.8	38.1	37.8
1979	38.3	38.1	38.0	37.9	38.3	38.0	38.4	38.3	38.4	38.5	38.5	38.4	38.5
1980	38.1	38.5	37.8	37.9	37.8	37.9	38.1	38.2	38.2	38.1	37.9	38.1	38.1
1981	37.8	37.6	37.7	37.8	37.8	37.8	37.9	37.7	37.8	38.1	37.7	38.1	38.0
1982		37.5	37.2										

SIC 49—ELECTRIC, GAS, AND SANITARY SERVICES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct	Nov	Dec.
1977	745.7	735.2	734.6	732.9	734.8	739.8	753.6	758.2	756.2	748.1	747.3	752.6	754.6
1978	776.7	753.2	759.4	763.6	768.0	772.7	787.8	792.3	791.9	781.2	782.2	783.5	784.2
1979	805.7	785.0	787.9	791.7	796.0	799.6	817.0	822.9	822.5	813.3	811.1	810.6	810.2
1980	827.4	809.4	811.0	814.7	817.2	824.7	834.5	841.7	842.2	833.4	833.2	833.2	834.1
1981	850.4	832.2	832.5	835.4	838.6	843.6	860.5	868.6	867.4	857.6	855.7	856.3	855.9
1982		856.0	856.7										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct	Nov	Dec.
1977	124.2	121.4	121.6	121.8	122.2	122.5	125.7	126.4	126.9	124.8	124.5	125.4	126.8
1978	132.0	127.8	128.5	129.1	129.8	130.8	133.7	134.7	135.0	132.7	133.2	133.5	134.7
1979	140.9	135.4	135.7	136.5	136.5	138.2	142.1	143.9	144.9	143.4	143.8	144.5	145.4
1980	152.8	145.8	147.2	148.6	149.7	152.0	154.5	156.5	156.4	155.2	155.5	155.9	156.6
1981	163.1	156.8	157.9	158.7	159.9	161.1	165.0	167.6	167.6	165.1	165.3	165.5	166.2
1982		167.0	167.8										

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct	Nov	Dec.
1977	616.3	607.2	607.2	606.0	607.5	612.3	624.7	628.4	626.7	618.3	615.8	619.9	621.3
1978	635.5	618.5	623.6	626.5	628.2	631.8	645.0	649.3	648.7	638.0	637.9	638.8	640.0
1979	659.0	640.7	641.8	644.0	649.7	651.5	669.0	675.4	675.5	666.7	664.9	664.6	664.1
1980	676.9	662.6	664.1	666.7	668.9	675.3	683.7	690.3	689.2	680.5	680.3	680.1	681.3
1981	695.3	678.3	678.7	681.9	685.4	689.7	704.7	712.0	711.2	701.7	699.8	700.5	700.2
1982		699.8	699.3										

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct	Nov	Dec.
1977	293.23	283.87	288.97	284.00	286.59	289.22	287.58	295.48	293.34	298.29	302.63	305.66	308.70
1978	319.77	316.17	312.66	310.99	313.17	313.66	319.03	318.66	318.66	325.20	327.35	331.01	332.22
1979	344.03	338.44	333.63	331.20	336.17	336.58	342.32	340.31	342.37	353.62	354.05	359.53	356.97
1980	371.13	357.37	358.20	358.56	360.64	365.29	366.54	379.90	375.78	378.98	382.39	387.90	385.63
1981	409.86	391.76	397.16	398.27	403.10	406.43	406.13	418.62	410.18	417.13	422.69	429.53	425.39
1982		442.68	437.41										

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct	Nov	Dec.
1977	7.10	6.89	6.98	6.91	6.99	7.02	6.98	7.12	7.12	7.24	7.31	7.33	7.35
1978	7.65	7.51	7.48	7.44	7.51	7.54	7.56	7.66	7.66	7.78	7.85	7.90	7.91
1979	8.25	8.02	8.02	8.00	8.12	8.13	8.17	8.24	8.23	8.48	8.47	8.54	8.54
1980	8.90	8.57	8.59	8.64	8.69	8.76	8.79	8.96	8.99	9.11	9.17	9.28	9.27
1981	9.90	9.44	9.57	9.62	9.69	9.77	9.81	9.87	9.98	10.10	10.21	10.35	10.30
1982		10.54	10.54										

SIC 49—ELECTRIC, GAS, AND SANITARY SERVICES (Con.)

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	41.3	41.2	41.4	41.1	41.0	41.2	41.2	41.5	41.2	41.2	41.4	41.7	42.0
1978	41.6	42.1	41.6	41.6	41.7	41.6	42.2	41.6	41.6	41.9	41.7	41.9	42.0
1979	41.7	42.2	41.6	41.4	41.4	41.4	41.9	41.3	41.6	41.7	41.6	42.1	41.8
1980	41.7	41.7	41.7	41.5	41.5	41.7	41.7	42.4	41.8	41.6	41.7	41.6	41.6
1981	41.4	41.5	41.5	41.4	41.6	41.6	41.4	41.4	41.1	41.3	41.4	41.5	41.3
1982		42.0	41.5										

SIC 491—ELECTRIC SERVICES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	336.4	330.3	330.7	331.3	332.0	333.9	338.7	340.8	340.9	338.4	338.5	340.0	341.4
1978	354.4	340.2	344.7	346.8	349.4	352.8	359.1	360.0	360.2	357.0	360.1	360.6	361.6
1979	373.7	362.1	364.0	366.1	368.9	370.2	377.0	379.6	380.4	377.8	378.1	379.3	380.5
1980	391.0	381.5	383.0	384.6	386.5	389.7	394.3	395.8	395.9	393.1	395.3	395.3	396.2
1981	403.9	396.1	396.6	397.6	399.0	401.6	407.6	410.2	410.0	407.2	406.7	407.1	407.0
1982		407.2	408.1										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	55.2	54.5	54.4	54.5	54.6	54.5	55.7	55.8	56.0	55.4	55.4	55.3	56.2
1978	58.6	56.8	57.1	57.3	57.6	58.1	59.3	59.2	59.4	59.0	59.5	59.6	60.3
1979	63.8	60.8	60.9	61.3	61.8	62.5	64.0	64.7	65.3	65.1	65.6	66.2	67.0
1980	71.0	67.3	68.0	68.6	69.5	70.4	71.6	72.4	72.4	72.3	73.0	73.3	73.6
1981	76.5	73.9	74.5	74.8	75.4	75.8	76.9	77.7	77.7	77.4	77.6	77.7	78.4
1982		78.9	79.2										

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	274.9	270.6	270.7	271.2	271.7	273.0	277.0	278.8	279.1	276.3	275.6	276.5	278.0
1978	290.3	276.0	279.6	280.9	282.0	284.8	289.9	290.6	291.2	287.9	290.6	290.8	291.7
1979	301.3	291.9	293.1	294.6	296.8	297.5	304.4	307.1	307.6	304.8	305.0	306.1	306.8
1980	319.9	307.6	309.3	310.4	311.9	314.8	318.6	320.4	319.9	317.4	319.7	319.7	321.3
1981	327.2	321.2	321.7	322.6	323.7	325.5	330.6	332.7	332.2	329.3	328.5	328.9	328.9
1982		328.6	329.0										

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	298.16	290.51	292.16	289.51	291.99	296.07	293.70	302.57	296.31	302.33	300.66	306.71	313.23
1978	326.13	319.27	316.59	316.08	319.79	322.07	330.15	325.85	323.53	330.79	328.97	334.65	340.32
1979	353.95	347.92	337.71	337.30	341.88	342.77	355.64	347.78	350.28	360.34	358.23	370.64	368.05
1980	367.60	371.03	371.39	373.93	376.94	384.38	383.35	405.59	392.70	396.53	393.12	403.42	401.21
1981	419.25	402.15	408.53	408.39	411.74	418.91	417.74	422.52	418.74	424.32	429.93	434.30	432.22
1982		446.00	443.50										

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	7.15	6.95	7.04	7.01	7.07	7.10	7.06	7.17	7.14	7.25	7.28	7.32	7.37
1978	7.71	7.53	7.52	7.49	7.56	7.65	7.66	7.74	7.74	7.82	7.87	7.93	7.97
1979	8.34	8.11	8.06	8.05	8.14	8.22	8.29	8.34	8.36	8.60	8.57	8.68	8.66
1980	9.12	8.73	8.78	8.84	8.89	8.96	9.02	9.26	9.24	9.33	9.36	9.47	9.53
1981	10.03	9.62	9.75	9.77	9.78	9.88	9.97	10.06	10.09	10.20	10.31	10.44	10.44
1982		10.57	10.61										

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	41.7	41.6	41.5	41.3	41.3	41.7	41.6	42.2	41.5	41.7	41.3	41.9	42.5
1978	42.3	42.4	42.1	42.2	42.3	42.1	43.1	42.1	41.8	42.3	41.8	42.2	42.7
1979	42.2	42.9	41.9	41.9	42.0	41.7	42.9	41.7	41.9	41.9	41.8	42.7	42.5
1980	42.5	42.5	42.3	42.3	42.4	42.9	42.5	43.8	42.5	42.5	42.0	42.6	42.1
1981	41.8	41.7	41.9	41.8	42.1	42.4	41.9	42.0	41.5	41.6	41.7	41.6	41.4
1982		42.1	41.8										

See footnotes at end of tables.

SIC 492—GAS PRODUCTION AND DISTRIBUTION

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	158.8	158.1	158.7	155.7	155.9	158.3	162.3	162.1	161.7	157.2	156.3	159.3	164.1
1978	163.5	160.0	160.4	160.7	161.2	162.0	166.6	166.1	167.7	164.5	163.1	163.7	167.7
1979	167.1	163.7	163.8	164.1	164.7	165.9	170.9	172.7	172.5	168.7	167.6	166.2	167.7
1980	168.0	163.0	162.7	164.1	164.4	166.8	171.0	173.3	173.2	169.6	169.5	169.5	169.8
1981	174.2	168.9	169.0	169.7	170.5	172.1	178.0	180.7	180.5	175.9	174.7	175.1	175.0
1982		175.2	175.4										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	31.1	30.5	30.5	30.4	30.4	30.7	31.7	32.0	32.0	31.2	30.9	31.6	31.7
1978	33.2	32.0	32.1	32.3	32.6	32.8	33.8	34.3	34.4	33.6	33.6	33.6	33.8
1979	34.9	33.9	33.9	34.0	34.3	34.4	35.6	36.1	36.3	35.4	35.5	35.4	35.3
1980	36.2	34.5	34.7	35.3	35.1	35.8	36.9	37.5	37.3	36.7	36.7	34.9	34.8
1981	38.6	36.8	37.0	37.1	37.5	38.0	39.4	40.5	40.4	39.2	39.1	39.1	39.0
1982		39.1	39.4										

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	130.6	129.7	131.0	128.0	128.0	130.6	134.6	133.9	133.5	129.0	127.7	130.7	130.6
1978	133.9	131.2	131.3	131.7	132.0	132.4	136.9	136.2	137.8	134.7	133.5	133.7	133.6
1979	136.3	133.6	133.5	133.6	134.1	135.0	139.6	141.3	141.5	137.6	136.7	135.1	134.3
1980	137.5	132.6	132.3	134.0	134.2	136.3	141.1	143.0	142.3	138.6	138.4	138.6	138.2
1981	141.9	137.7	137.9	138.3	139.0	140.4	145.7	148.2	148.0	143.2	141.7	142.7	141.4
1982		141.1	141.1										

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	270.76	269.15	274.21	261.99	264.55	264.22	262.04	265.28	266.24	272.97	284.28	279.48	281.26
1978	288.97	282.17	285.10	282.62	283.10	284.61	283.50	286.74	288.56	292.41	302.91	299.80	299.88
1979	310.59	302.33	304.50	301.44	304.84	307.06	305.78	307.09	306.94	315.46	324.99	325.03	324.75
1980	337.42	323.11	323.14	324.01	330.08	330.88	333.73	332.51	334.96	338.89	356.51	358.03	358.91
1981	373.42	367.42	361.15	365.65	367.28	366.62	365.57	368.34	369.77	377.58	387.32	389.79	391.11
1982		408.62	395.79										

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	6.62	6.47	6.56	6.39	6.50	6.54	6.47	6.55	6.59	6.74	6.90	6.85	6.88
1978	7.10	6.95	6.92	6.91	6.99	7.01	7.00	7.08	7.09	7.22	7.27	7.23	7.19
1979	7.65	7.41	7.50	7.48	7.64	7.62	7.55	7.62	7.56	7.77	7.85	7.87	7.84
1980	8.27	7.90	7.92	8.06	8.15	8.19	8.22	8.19	8.23	8.43	8.57	8.59	8.65
1981	9.13	8.79	8.83	8.94	8.98	9.03	8.96	9.05	9.13	9.30	9.47	9.53	9.47
1982		9.66	9.63										

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	40.9	41.6	41.8	41.0	40.7	40.4	40.5	40.5	40.4	40.5	41.2	40.8	41.0
1978	40.7	40.6	41.7	40.9	40.5	40.6	40.5	40.5	40.7	40.5	41.1	40.9	40.6
1979	40.6	40.8	40.6	40.3	39.9	40.3	40.5	40.3	40.6	40.6	41.4	41.3	40.9
1980	40.8	40.9	40.8	40.2	40.5	40.4	40.6	40.6	40.7	40.2	41.6	41.2	41.3
1981	40.9	41.8	40.9	40.9	40.9	40.6	40.8	40.7	40.5	40.6	40.9	40.9	41.3
1982		42.3	41.1										

SIC 493—COMBINATION UTILITY SERVICES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	187.9	185.2	184.2	184.5	184.9	185.3	189.2	191.0	190.3	189.6	189.7	190.4	190.5
1978	192.7	190.5	190.9	191.5	192.7	192.1	194.9	196.0	195.7	192.3	191.8	192.0	192.0
1979	194.9	192.0	192.2	192.7	192.9	193.7	197.7	198.8	198.1	195.4	194.8	195.1	195.0
1980	196.7	195.2	195.5	195.5	195.5	196.6	196.2	199.4	199.6	197.3	196.1	196.5	196.8
1981	198.7	195.7	195.7	196.1	196.8	197.2	200.8	202.4	202.2	199.7	199.5	199.5	199.3
1982		199.2	199.1										

SIC 493—COMBINATION UTILITY SERVICES (Con.)

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	29.9	28.8	29.1	29.3	29.5	29.4	30.2	30.5	30.6	30.1	30.1	30.3	30.5
1978	30.3	30.6	30.6	30.7	30.8	30.9	31.7	32.1	32.1	31.2	31.2	31.4	31.6
1979	31.7	31.8	31.9	32.0	31.3	31.9	32.9	33.4	33.6	33.2	33.3	33.6	33.8
1980	33.7	34.6	34.6	34.6	34.9	35.4	35.4	35.8	36.0	35.4	35.2	35.2	35.4
1981	35.2	34.1	35.1	35.4	35.8	36.1	36.2	37.3	37.8	37.9	37.0	37.1	37.3	37.3
1982	36.7	37.1	37.1											

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	156.4	153.6	152.6	153.4	154.0	154.7	158.1	159.8	158.9	158.3	157.9	157.8	157.6
1978	158.0	157.1	157.5	158.0	157.9	157.7	160.2	161.3	160.6	156.8	155.7	156.0	156.9
1979	161.8	159.9	160.5	156.3	158.6	158.7	163.1	164.8	164.4	162.5	162.1	162.7	162.9
1980	161.5	162.3	161.1	161.6	161.5	162.4	161.0	163.5	163.1	160.8	159.9	159.9	160.2
1981	163.0	158.2	158.3	159.3	160.6	161.4	164.8	166.5	166.6	164.8	165.0	165.4	165.5
1982		165.7	165.6										

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	302.50	299.44	310.31	308.21	311.48	316.57	312.26	323.95	325.16	328.05	334.97	341.51	341.90
1978	354.47	356.97	346.44	342.37	345.28	343.21	348.19	352.78	354.05	363.32	365.43	370.90	367.04
1979	380.97	375.04	372.11	367.38	376.26	372.02	373.15	378.56	379.13	399.41	392.70	394.28	388.44
1980	397.17	386.57	385.03	381.71	383.35	386.63	388.40	400.89	407.68	409.12	413.59	413.91	406.96
1981	457.19	424.15	435.44	438.78	450.02	450.18	452.10	451.96	462.89	470.72	477.25	490.31	476.19
1982		505.26	497.59										

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	7.68	7.60	7.70	7.61	7.71	7.74	7.71	7.94	7.95	8.08	8.15	8.17	8.16
1978	8.45	8.36	8.33	8.23	8.28	8.27	8.31	8.46	8.47	8.63	8.68	8.81	8.76
1979	8.59	8.65	8.66	8.61	8.99	8.90	8.97	9.10	9.07	9.42	9.35	9.41	9.36
1980	9.64	9.36	9.30	9.31	9.35	9.43	9.45	9.66	9.80	9.93	9.99	10.12	9.95
1981	11.07	10.31	10.53	10.65	10.87	10.98	11.00	10.97	11.29	11.37	11.50	11.73	11.53
1982		12.03	11.99										

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	40.6	39.4	40.3	40.5	40.4	40.9	40.5	40.8	40.9	40.6	41.1	41.8	41.9
1978	40.9	40.7	40.7	41.6	41.7	41.5	41.9	41.7	41.8	42.1	42.1	42.1	41.9
1979	41.9	42.4	42.0	41.7	41.9	42.8	41.6	41.6	41.8	42.4	42.0	41.9	41.5
1980	41.2	41.3	41.4	41.0	41.0	41.0	41.1	41.5	41.6	41.2	41.4	40.9	40.9
1981	41.3	41.1	41.4	41.2	41.4	41.0	41.1	41.2	41.0	41.4	41.5	41.8	41.3
1982		42.0	41.5										

SIC 495—SANITARY SERVICES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	40.1	39.5	38.9	39.1	39.4	39.8	40.3	41.1	40.3	40.5	40.7	40.9	40.9
1978	43.4	41.4	41.5	42.0	42.2	42.9	43.4	44.4	44.6	44.5	44.4	44.6	44.5
1979	47.0	45.1	45.8	46.3	46.6	46.7	47.7	47.8	47.5	48.2	47.6	47.1	47.2
1980	48.6	47.1	47.1	47.4	47.7	48.3	49.3	49.4	49.7	49.9	49.2	49.0	48.8
1981	50.1	48.5	48.4	48.7	48.8	49.2	50.2	51.2	50.8	51.3	51.5	51.3	51.4
1982		51.7	51.6										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.7	3.4	3.4	3.4	3.5	3.6	3.8	3.8	3.9	3.8	3.8	3.9	4.0
1978	4.4	4.1	4.3	4.4	4.4	4.5	4.3	4.5	4.4	4.5	4.4	4.5	4.5
1979	4.8	4.4	4.5	4.6	4.5	4.6	4.8	4.8	4.8	4.9	5.0	5.1	5.1
1980	5.6	5.2	5.2	5.4	5.4	5.4	5.5	5.8	5.7	5.8	5.7	6.0	5.9
1981	6.3	6.0	6.0	6.0	6.0	6.0	6.3	6.5	6.4	6.5	6.6	6.5	6.6
1982		6.6	6.7										

SIC 495—SANITARY SERVICES (Con.)

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	35.7	35.0	34.5	34.8	34.9	35.2	35.8	36.6	35.9	36.1	36.3	36.6	36.5
1978	38.5	36.9	37.1	37.3	37.3	37.9	38.4	39.4	39.4	39.6	39.4	39.7	39.5
1979	41.6	40.1	40.6	41.0	41.3	41.4	42.3	42.4	42.2	42.7	42.1	41.6	41.4
1980	42.8	41.3	41.6	41.9	42.1	42.6	43.4	43.7	44.0	44.3	43.3	43.1	42.8
1981	43.9	42.4	42.2	42.6	42.7	43.0	43.8	44.6	44.5	45.0	45.4	45.3	45.4
1982		45.7	45.4										

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	243.10	229.99	230.11	231.38	234.34	236.86	240.96	244.67	247.39	250.99	258.11	253.54	257.80
1978	264.97	258.43	260.93	256.54	258.40	256.52	259.43	268.38	271.53	273.49	274.34	268.36	270.50
1979	280.72	272.72	275.22	270.44	268.71	278.88	281.48	279.86	282.24	288.54	291.98	287.12	286.35
1980	291.46	281.11	281.67	281.93	284.41	285.52	289.95	289.64	293.53	300.96	302.10	305.87	299.94
1981	321.44	309.61	308.51	309.73	315.70	316.00	322.82	319.09	323.14	341.40	329.99	333.29	326.80
1982		346.04	336.56										

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.68	5.45	5.44	5.47	5.54	5.56	5.63	5.69	5.74	5.81	5.92	5.91	5.94
1978	6.22	6.01	6.04	5.98	6.08	6.05	6.09	6.30	6.30	6.42	6.44	6.42	6.41
1979	6.72	6.54	6.60	6.58	6.57	6.64	6.75	6.76	6.72	6.87	6.87	6.82	6.90
1980	7.04	6.89	6.87	6.81	6.92	6.93	6.97	7.03	7.09	7.20	7.21	7.30	7.28
1981	7.84	7.57	7.58	7.61	7.70	7.67	7.76	7.84	7.92	8.09	7.99	8.07	8.17
1982		8.44	8.31										

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	42.8	42.2	42.3	42.3	42.3	42.6	42.8	43.0	43.1	43.2	43.6	42.9	43.4
1978	42.6	43.0	43.2	42.9	42.5	42.4	42.6	42.6	43.1	42.6	42.6	41.8	42.2
1979	41.7	41.7	41.7	41.1	40.9	42.0	41.7	41.4	42.0	42.0	42.5	42.1	41.5
1980	41.4	40.8	41.0	41.4	41.1	41.2	41.6	41.2	41.4	41.8	41.9	41.9	41.2
1981	41.0	40.9	40.7	40.7	41.0	41.2	41.6	40.7	40.8	42.2	41.3	41.3	40.0
1982		41.0	40.5										

WHOLESALE AND RETAIL TRADE

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
ALL EMPLOYEES—IN THOUSANDS													
1977	18,516	17,875	17,693	17,891	18,177	18,384	18,567	18,547	18,629	18,794	18,852	19,145	19,632
1978	19,542	18,873	18,689	18,878	19,190	19,431	19,638	19,611	19,680	19,806	19,888	20,188	20,628
1979	20,192	19,855	19,655	19,809	20,001	20,154	20,259	20,131	20,166	20,281	20,368	20,639	20,991
1980	20,310	20,168	19,986	20,068	20,153	20,250	20,309	20,214	20,277	20,361	20,367	20,588	20,983
1981	20,551	20,176	20,010	20,096	20,365	20,520	20,671	20,600	20,664	20,731	20,731	20,883	21,170
1982		20,417	20,258										
WOMEN EMPLOYEES—IN THOUSANDS													
1977	7,764	7,475	7,356	7,443	7,571	7,681	7,740	7,711	7,767	7,885	7,933	8,134	8,470
1978	8,280	7,957	7,821	7,906	8,063	8,188	8,264	8,243	8,301	8,416	8,488	8,705	9,004
1979	8,697	8,493	8,352	8,427	8,560	8,649	8,679	8,611	8,654	8,755	8,831	9,037	9,315
1980	8,851	8,763	8,637	8,668	8,719	8,796	8,840	8,752	8,797	8,888	8,902	9,084	9,363
1981	8,991	8,844	8,707	8,716	8,827	8,903	8,979	8,937	8,992	9,094	9,121	9,265	9,506
1982		9,004	8,915										
NONSUPERVISORY WORKERS—IN THOUSANDS													
1977	16,316	15,734	15,554	15,738	16,008	16,202	16,366	16,343	16,411	16,555	16,614	16,899	17,373
1978	17,219	16,636	16,438	16,614	16,903	17,125	17,301	17,269	17,335	17,450	17,520	17,808	18,232
1979	17,748	17,462	17,266	17,397	17,573	17,708	17,802	17,673	17,708	17,805	17,899	18,161	18,517
1980	17,812	17,697	17,529	17,596	17,674	17,762	17,[illegible]	17,710	17,769	17,842	17,851	18,066	18,446
1981	17,960	17,660	17,467	17,532	17,771	17,896	18,040	17,993	18,052	18,125	18,138	18,280	18,565
1982		17,820	17,671										
NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	142.52	136.45	138.27	139.02	139.68	140.77	142.80	145.95	145.18	144.09	145.08	144.10	146.29
1978	153.64	146.51	146.97	149.11	150.75	150.75	153.72	157.38	156.78	155.80	156.63	156.33	159.21
1979	164.96	159.04	159.86	161.68	162.83	162.32	165.49	168.17	167.99	167.56	166.86	167.83	170.42
1980	176.46	170.67	170.98	172.80	172.58	173.44	175.71	178.65	180.07	179.03	179.44	181.37	182.65
1981	190.95	183.86	185.71	186.62	188.43	188.48	190.51	193.85	194.83	194.49	192.32	192.68	194.45
1982		191.89	194.66										
NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	4.28	4.16	4.19	4.20	4.22	4.24	4.25	4.28	4.27	4.34	4.37	4.38	4.38
1978	4.67	4.55	4.55	4.56	4.61	4.61	4.63	4.67	4.68	4.75	4.79	4.81	4.81
1979	5.06	4.97	4.98	4.99	5.01	5.01	5.03	5.05	5.06	5.14	5.15	5.18	5.18
1980	5.48	5.35	5.36	5.40	5.41	5.42	5.44	5.48	5.49	5.56	5.59	5.65	5.62
1981	5.93	5.80	5.84	5.85	5.87	5.89	5.88	5.91	5.94	6.04	6.01	6.04	6.02
1982		6.17	6.16										
NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS													
1977	33.3	32.8	33.0	33.1	33.1	33.2	33.6	34.1	34.0	33.2	33.2	32.9	33.4
1978	32.9	32.2	32.3	32.7	32.7	32.7	33.2	33.7	33.5	32.8	32.7	32.5	33.1
1979	32.6	32.0	32.1	32.4	32.5	32.4	32.9	33.3	33.2	32.6	32.4	32.4	32.9
1980	32.2	31.9	31.9	32.0	31.9	32.0	32.3	32.6	32.8	32.2	32.1	32.1	32.5
1981	32.2	31.7	31.8	31.9	32.1	32.0	32.4	32.8	32.8	32.2	32.0	31.9	32.3
1982		31.1	31.6										

See footnotes at end of tables.

SIC 50,51—WHOLESALE TRADE

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
ALL EMPLOYEES—IN THOUSANDS													
1977	4,708	4,578	4,575	4,607	4,638	4,668	4,728	4,742	4,758	4,770	4,791	4,807	4,829
1978	4,969	4,800	4,812	4,852	4,893	4,932	4,998	4,999	5,023	5,032	5,072	5,094	5,119
1979	5,204	5,097	5,099	5,135	5,148	5,182	5,245	5,243	5,244	5,239	5,266	5,281	5,263
1980	5,275	5,241	5,249	5,268	5,258	5,255	5,277	5,265	5,271	5,279	5,301	5,313	5,325
1981	5,359	5,283	5,286	5,308	5,333	5,351	5,397	5,391	5,402	5,388	5,400	5,398	5,372
1982		5,314	5,2[illegible]										
WOMEN EMPLOYEES—IN THOUSANDS													
1977	1,145	1,109	1,107	1,115	1,121	1,128	1,147	1,145	1,155	1,164	1,177	1,184	1,189
1978	1,235	1,178	1,183	1,197	1,209	1,218	1,236	1,230	1,241	1,253	1,264	1,264	1,300
1979	1,319	1,291	1,288	1,300	1,298	1,309	1,323	1,319	1,323	1,332	1,344	1,355	1,351
1980	1,362	1,341	1,345	1,353	1,347	1,356	1,360	1,356	1,357	1,368	1,386	1,385	1,393
1981	1,396	1,371	1,371	1,377	1,381	1,387	1,394	1,388	1,398	1,409	1,423	1,430	1,401
1982		1,397	1,398										
NONSUPERVISORY WORKERS—IN THOUSANDS													
1977	3,878	3,763	3,761	3,789	3,819	3,845	3,898	3,911	3,924	3,932	3,949	3,964	3,981
1978	4,094	3,952	3,959	3,997	4,034	4,065	4,123	4,122	4,145	4,148	4,180	4,193	4,208
1979	4,274	4,184	4,186	4,217	4,229	4,255	4,314	4,306	4,306	4,301	4,325	4,335	4,325
1980	4,312	4,295	4,300	4,317	4,308	4,297	4,316	4,306	4,307	4,308	4,325	4,331	4,339
1981	4,360	4,302	4,301	4,321	4,341	4,355	4,396	4,392	4,395	4,380	4,392	4,387	4,361
1982		4,300	4,290										
NONCUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	209.13	200.83	201.49	202.79	205.50	207.05	207.73	210.60	210.45	212.24	215.67	215.34	218.79
1978	228.14	217.73	217.73	220.20	223.69	223.11	226.59	230.49	230.88	233.79	236.34	235.90	240.47
1979	247.93	237.31	238.46	242.74	243.57	245.07	247.26	249.60	249.99	252.98	253.24	255.57	261.19
1980	267.96	258.72	259.58	262.27	263.42	264.88	265.11	266.95	268.42	271.81	274.00	276.82	280.86
1981	292.20	281.44	282.27	285.29	287.21	288.37	289.11	294.10	296.06	296.45	298.38	300.69	302.25
1982		300.13	303.31										
NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	5.39	5.23	5.22	5.24	5.31	5.35	5.34	5.40	5.41	5.47	5.53	5.55	5.61
1978	5.88	5.67	5.67	5.69	5.78	5.78	5.81	5.91	5.92	6.01	6.06	6.08	6.15
1979	6.39	6.18	6.21	6.24	6.31	6.30	6.34	6.40	6.41	6.52	6.51	6.57	6.68
1980	6.96	6.72	6.76	6.83	6.86	6.88	6.94	6.97	6.99	7.06	7.08	7.19	7.21
1981	7.57	7.31	7.37	7.41	7.46	7.49	7.49	7.58	7.65	7.70	7.73	7.79	7.81
1982		7.94	7.94										
NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS													
1977	38.8	38.4	38.6	38.7	38.7	38.7	38.9	39.0	38.9	38.8	39.0	38.8	39.0
1978	38.8	38.4	38.4	38.7	38.7	38.6	39.0	39.0	39.0	38.9	39.0	38.8	39.1
1979	38.8	38.4	38.4	38.9	38.6	38.9	39.0	39.0	39.0	38.9	38.9	38.9	39.1
1980	38.5	38.5	38.4	38.4	38.4	38.5	38.2	38.3	38.4	38.5	38.7	38.5	38.9
1981	38.6	38.5	38.3	38.5	38.5	38.5	38.6	38.8	38.7	38.5	38.6	38.6	38.7
1982		37.8	38.2										

SIC 50—WHOLESALE TRADE—DURABLE GOODS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	2,717	2,633	2,632	2,651	2,671	2,697	2,729	2,745	2,750	2,752	2,764	2,779	2,792
1978	2,900	2,791	2,800	2,826	2,849	2,877	2,915	2,924	2,936	2,941	2,959	2,985	3,002
1979	3,061	3,000	3,008	3,036	3,049	3,072	3,114	3,114	3,114	3,104	3,116	3,128	3,115
1980	3,122	3,121	3,118	3,139	3,134	3,121	3,124	3,103	3,105	3,106	3,118	3,128	3,134
1981	3,174	3,123	3,137	3,141	3,162	3,172	3,198	3,199	3,201	3,187	3,194	3,193	3,186
1982		3,161	3,151										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	591	589	589	593	595	602	609	615	619	621	628	636	641
1978	651	642	644	650	656	663	671	674	679	683	694	705	710
1979	711	701	701	716	721	727	736	736	737	736	741	749	748
1980	771	762	761	766	758	759	756	749	749	751	756	759	762
1981	777	767	769	762	767	771	773	773	776	776	782	787	789
1982		767	779										

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	2,226	2,163	2,164	2,181	2,203	2,221	2,250	2,265	2,269	2,268	2,278	2,291	2,301
1978	2,387	2,296	2,301	2,325	2,345	2,368	2,403	2,409	2,420	2,420	2,430	2,449	2,461
1979	2,519	2,464	2,464	2,490	2,502	2,521	2,559	2,557	2,556	2,545	2,556	2,561	2,561
1980	2,561	2,555	2,567	2,574	2,565	2,551	2,554	2,536	2,536	2,531	2,540	2,549	2,551
1981	2,597	2,547	2,578	2,583	2,604	2,627	2,648	2,620	2,598	2,583	2,588	2,585	2,577
1982		2,579	2,582										

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	192.62	184.76	183.58	184.69	188.40	210.11	211.33	213.15	213.55	215.76	219.62	218.51	222.39
1978	215.84	203.78	203.58	202.44	227.54	227.36	230.47	234.04	234.04	237.19	239.55	238.55	244.16
1979	236.72	230.43	230.78	245.86	235.07	247.20	250.04	251.37	252.80	255.56	256.24	257.81	264.13
1980	259.27	256.95	260.78	263.16	264.32	265.78	269.49	269.66	272.22	274.63	276.51	280.81	285.19
1981	294.28	282.31	284.61	288.25	289.06	290.97	291.72	294.64	298.72	297.22	303.86	303.42	304.48
1982		300.99	304.15										

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.42	5.35	5.32	5.33	5.33	5.36	5.35	5.41	5.42	5.49	5.56	5.56	5.63
1978	5.65	5.59	5.57	5.70	5.80	5.90	5.92	5.91	5.91	6.02	6.09	6.07	6.15
1979	6.18	6.14	6.14	6.20	6.18	6.30	6.29	6.33	6.38	6.40	6.52	6.52	6.56
1980	6.64	6.68	6.72	6.82	6.82	6.83	6.85	6.91	6.95	6.98	7.06	7.09	7.19
1981	7.36	7.29	7.36	7.41	7.45	7.48	7.48	7.48	7.56	7.64	7.68	7.74	7.80
1982		7.82	7.90										

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	39.1	38.9	39.0	39.1	39.2	39.5	39.4	39.4	39.3	39.5	39.4	39.1	39.5
1978	39.1	38.9	38.9	39.1	39.2	39.3	39.2	39.6	39.6	39.6	39.4	39.4	39.7
1979	39.1	38.9	38.9	39.1	39.4	38.5	39.3	39.5	39.8	39.5	39.2	39.3	39.5
1980	38.4	38.9	38.9	38.8	38.7	38.7	38.8	39.0	38.8	39.0	38.9	39.0	39.1
1981	38.9	39.0	38.9	38.7	38.9	38.8	38.9	39.0	39.0	39.1	38.7	39.0	38.9
1982		39.1	39.1										

SIC 501—MOTOR VEHICLES AND AUTOMOTIVE EQUIPMENT

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	399.1	392.1	388.5	389.8	394.2	398.4	404.1	404.4	402.9	401.1	403.5	405.2	408.0
1978	421.5	406.5	406.1	409.5	414.3	419.1	424.4	425.5	426.3	427.3	430.6	433.9	435.0
1979	439.4	434.7	435.1	436.7	440.3	442.9	446.5	442.2	440.0	440.2	439.1	436.0	435.5
1980	429.5	433.5	434.8	434.6	429.4	415.7	415.9	412.7	412.1	411.6	412.3	410.3	412.7
1981	412.2	409.6	409.4	409.6	411.2	411.2	414.2	413.7	414.7	414.5	414.8	412.1	411.6
1982		410.1	413.4										

See footnotes at end of table.

SIC 501—MOTOR VEHICLES AND AUTOMOTIVE EQUIPMENT (Con.)

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	61.4	76.6	77.8	78.4	79.5	80.6	82.3	82.8	83.1	82.4	82.9	83.8	84.0
1978	68.5	83.9	83.9	84.8	86.1	87.1	88.1	89.5	89.7	90.8	91.8	93.0	93.1
1979	94.6	93.7	93.1	93.8	94.1	95.6	95.9	95.3	95.0	95.0	94.6	94.4	94.0
1980	89.7	93.6	91.9	91.5	90.7	89.9	89.7	88.8	88.2	87.6	88.2	87.9	87.9
1981	88.2	86.9	86.8	87.0	87.3	87.5	88.4	88.3	88.5	89.2	89.5	89.3	89.2
1982		88.9	89.0										

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	328.0	320.2	318.5	320.3	323.9	327.5	332.5	332.8	331.3	329.6	331.0	333.1	335.3
1978	346.2	333.6	333.0	336.6	340.9	345.6	349.4	350.2	350.7	350.7	352.8	355.5	355.9
1979	356.6	354.9	355.3	358.0	359.6	361.9	364.9	361.2	360.7	359.0	358.0	355.2	354.2
1980	337.5	352.7	348.4	344.5	340.6	336.4	335.9	333.0	332.2	334.5	331.5	331.7	330.3
1981	332.2	329.6	328.9	329.5	330.7	331.0	333.6	333.2	334.2	334.9	335.3	332.8	331.2
1982		330.6	330.0										

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	183.15	186.03	186.12	188.64	190.81	190.71	193.36	193.15	193.65	194.66	196.83	198.29	204.75
1978	211.69	197.06	198.50	202.37	207.05	206.59	211.77	216.22	215.60	215.39	216.09	219.04	229.68
1979	230.44	219.46	221.76	227.76	226.91	229.88	231.86	230.86	230.65	233.31	232.32	234.47	245.46
1980	184.14	237.08	235.36	238.64	241.42	242.06	244.86	246.02	248.84	249.87	253.60	254.21	268.45
1981	267.58	259.68	258.43	262.48	264.41	265.87	271.05	273.00	272.69	268.66	269.47	270.94	273.13
1982		264.12	269.51										

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.94	4.77	4.76	4.80	4.88	4.85	4.92	4.94	4.94	5.03	5.06	5.10	5.21
1978	5.47	5.30	5.31	5.37	5.35	5.38	5.43	5.53	5.50	5.58	5.65	5.66	5.80
1979	5.97	5.76	5.79	5.87	5.94	5.94	5.93	5.95	5.96	6.06	6.05	6.09	6.23
1980	6.41	6.19	6.20	6.28	6.32	6.32	6.36	6.39	6.43	6.49	6.57	6.62	6.78
1981	6.95	6.71	6.73	6.80	6.85	6.87	6.95	7.00	7.01	7.07	7.11	7.13	7.15
1982		7.10	7.13										

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	39.1	39.0	39.1	39.3	39.1	39.0	39.3	39.1	39.2	38.7	38.9	38.9	39.3
1978	38.7	37.9	38.1	38.4	38.7	38.4	39.0	39.1	39.2	38.6	38.6	38.7	39.6
1979	38.6	38.1	38.3	38.8	38.2	38.7	39.1	38.8	38.7	38.5	38.4	38.5	39.4
1980	38.4	38.3	38.0	38.0	38.2	38.3	38.5	38.5	38.7	38.5	38.6	38.4	39.3
1981	38.5	38.7	38.4	38.6	38.6	38.7	39.0	39.0	38.9	38.0	37.9	38.0	38.2
1982		37.2	37.6										

SIC 502—FURNITURE AND HOME FURNISHINGS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	94.6	90.0	91.2	92.0	91.9	92.4	93.7	95.4	96.6	96.8	97.6	99.3	99.3
1978	103.9	99.3	100.3	101.5	100.1	102.5	102.8	103.5	104.5	105.9	107.0	108.3	108.8
1979	111.3	108.1	109.2	110.3	110.3	110.7	110.9	111.2	111.8	112.5	112.2	114.5	114.8
1980	114.1	113.6	114.7	114.8	114.0	112.9	113.7	113.0	113.4	113.5	114.0	115.8	115.3
1981	116.4	113.9	114.0	114.7	115.0	115.3	115.7	115.4	116.7	117.6	118.9	120.5	119.3
1982		116.7	116.8										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	32.0	30.0	30.3	30.8	30.5	30.9	31.4	32.6	32.8	33.0	33.5	34.4	34.1
1978	34.3	34.4	34.9	35.1	35.7	35.7	35.7	36.0	36.4	36.8	37.3	38.4	38.6
1979	40.3	38.6	38.7	39.6	39.6	39.9	40.2	39.9	40.0	40.7	41.0	42.4	42.5
1980	43.2	42.4	43.2	43.5	43.7	43.2	43.0	42.6	43.1	43.0	43.0	43.6	43.5
1981	44.5	43.0	43.3	43.6	43.5	44.0	43.6	43.9	44.4	45.4	45.9	46.8	46.6
1982		45.6	46.1										

SIC 502—FURNITURE AND HOME FURNISHINGS (Con.)

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	76.9	73.1	74.0	74.7	74.7	74.8	75.5	77.7	78.5	78.5	79.7	80.8	80.9
1978	84.3	80.4	81.5	82.6	82.9	83.3	83.6	83.9	84.6	85.6	86.8	87.7	88.6
1979	90.6	87.8	88.7	89.7	89.5	89.7	90.4	90.3	91.0	91.4	91.7	93.7	93.6
1980	93.1	93.0	93.7	93.5	93.2	92.1	93.0	91.8	92.5	92.6	93.2	94.7	94.3
1981	95.0	92.6	92.8	93.6	93.8	93.8	93.7	93.8	95.1	96.2	97.2	98.9	98.0
1982		97.5	97.7										

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	181.50	170.75	176.96	174.74	177.80	179.83	179.83	182.25	182.63	186.50	187.49	185.37	190.88
1978	200.11	189.38	190.01	190.76	196.70	195.94	197.17	202.69	202.77	203.74	206.72	210.10	214.10
1979	221.68	207.94	206.64	210.75	218.30	222.16	222.56	223.24	226.86	227.93	225.13	227.56	230.95
1980	234.95	224.55	223.28	231.26	231.63	229.15	237.75	236.33	236.86	235.79	239.67	243.47	247.27
1981	260.66	251.92	250.78	263.64	255.72	258.54	261.32	259.61	261.65	264.46	267.38	268.91	272.12
1982		261.72	264.49										

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.64	4.64	4.72	4.71	4.78	4.77	4.77	4.86	4.87	4.96	4.96	4.93	5.01
1978	5.28	5.05	5.04	5.06	5.19	5.17	5.23	5.32	5.35	5.39	5.44	5.50	5.56
1979	5.88	5.66	5.54	5.62	5.90	5.94	5.93	5.98	5.97	6.03	6.03	6.02	6.03
1980	6.30	6.02	6.07	6.20	6.03	6.16	6.34	6.37	6.35	6.39	6.46	6.51	6.49
1981	6.97	6.70	6.71	6.80	6.93	6.95	6.95	6.96	7.02	7.09	7.13	7.19	7.16
1982		7.21	7.14										

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	37.5	36.8	37.3	37.1	37.2	37.7	37.7	37.5	37.5	37.6	37.8	37.6	38.1
1978	37.9	37.5	37.7	37.7	37.9	37.9	37.7	38.1	37.9	37.8	38.0	38.2	38.3
1979	37.7	37.4	37.3	37.5	37.0	37.4	37.7	38.0	38.0	37.8	37.5	37.6	38.3
1980	37.3	37.3	36.8	37.3	37.3	37.2	37.5	37.1	37.3	36.9	37.1	37.4	38.1
1981	37.4	37.6	37.3	37.3	36.9	37.2	37.6	37.3	37.3	37.3	37.5	37.4	37.9
1982		36.3	37.1										

SIC 503—LUMBER AND CONSTRUCTION MATERIALS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	165.0	154.2	153.4	155.6	158.7	160.9	167.8	170.5	171.5	171.1	171.7	172.3	172.1
1978	181.1	170.5	170.0	172.4	176.0	179.1	183.7	186.5	186.6	185.4	186.9	188.6	188.6
1979	193.9	186.4	185.0	187.6	189.5	193.9	198.5	199.5	198.6	196.9	197.3	197.9	195.7
1980	191.2	184.3	184.4	193.9	190.1	188.0	188.0	188.3	189.2	189.8	189.9	194.8	193.5
1981	190.5	189.0	187.9	188.8	192.2	193.5	194.2	193.7	193.5	190.7	188.4	187.7	186.3
1982		180.7	177.8										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	25.9	24.8	24.7	25.0	25.0	25.4	25.7	26.2	26.5	25.5	26.6	26.7	27.2
1978	29.2	27.5	27.5	27.7	28.1	28.6	29.0	29.2	30.1	30.1	30.5	30.8	31.1
1979	33.2	31.1	31.6	31.7	32.2	33.0	33.4	33.6	33.7	33.7	34.3	34.6	34.7
1980	34.6	34.4	34.6	34.7	34.3	34.1	34.3	34.4	34.5	34.5	34.8	35.0	35.3
1981	36.4	34.9	35.2	35.4	35.9	36.1	36.6	36.7	36.8	36.7	36.8	37.2	37.7
1982		36.9	36.7										

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	137.1	126.9	126.3	128.7	131.7	133.6	139.6	142.1	143.3	142.7	143.2	143.5	143.3
1978	151.1	141.3	140.7	142.8	146.5	150.0	154.0	155.7	156.5	156.5	156.2	157.4	157.1
1979	161.7	154.2	153.3	155.4	157.3	162.0	166.4	167.3	166.8	164.6	164.9	165.0	163.2
1980	157.6	151.1	150.9	160.0	155.8	154.2	154.0	155.3	155.9	156.5	155.9	159.9	159.4
1981	156.7	154.7	154.3	155.3	158.5	159.6	160.1	159.4	159.3	156.8	155.0	154.6	153.0
1982		147.7	144.9										

SIC 503—LUMBER AND CONSTRUCTION MATERIALS (Con.)

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	213.10	198.07	201.84	202.51	206.42	209.82	215.03	217.25	217.40	218.74	222.16	220.81	221.41
1978	232.26	215.42	215.81	217.32	226.73	226.12	231.78	235.02	239.20	244.21	243.39	242.57	245.66
1979	252.80	238.55	240.71	247.56	245.23	250.17	252.65	254.72	255.67	260.17	259.76	261.02	264.26
1980	270.97	254.41	256.50	256.58	261.37	266.19	270.59	272.64	274.70	280.00	278.76	289.25	285.68
1981	303.03	290.61	290.70	294.14	296.81	297.20	301.66	307.72	312.84	306.54	314.82	313.21	309.78
1982		293.66	299.00										

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.45	5.24	5.27	5.26	5.32	5.38	5.43	5.50	5.49	5.56	5.61	5.59	5.62
1978	5.88	5.61	5.62	5.63	5.74	5.71	5.78	5.92	5.98	6.06	6.02	6.01	6.04
1979	6.40	6.16	6.22	6.22	6.24	6.27	6.38	6.40	6.44	6.57	6.56	6.63	6.66
1980	7.02	6.66	6.75	6.77	6.66	6.95	7.01	7.10	7.08	7.14	7.11	7.26	7.24
1981	7.77	7.49	7.63	7.64	7.63	7.64	7.74	7.83	7.94	7.82	7.97	7.99	7.97
1982		7.90	7.91										

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	39.1	37.8	38.3	38.5	38.8	39.0	39.6	39.5	39.6	39.3	39.4	39.5	39.4
1978	39.5	38.4	38.4	38.6	39.5	39.6	40.1	39.7	40.0	40.1	39.6	39.7	39.6
1979	39.5	38.6	38.7	39.8	39.3	39.9	39.6	39.8	39.7	39.6	39.6	39.4	39.5
1980	38.6	38.2	38.0	37.9	38.1	38.3	38.6	38.4	38.4	38.6	38.1	39.1	39.4
1981	39.0	38.6	38.1	38.5	38.9	38.9	39.0	39.3	39.4	39.2	39.5	39.2	39.2
1982		37.2	37.8										

SIC 504—SPORTING GOODS, TOYS, AND HOBBY GOODS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	61.7	59.4	59.2	59.1	60.2	60.3	61.3	61.9	62.3	62.8	63.8	64.5	65.1
1978	66.6	63.7	64.3	65.3	66.3	66.5	67.9	67.6	68.0	66.1	67.7	68.8	69.1
1979	68.6	68.6	69.3	67.8	65.3	66.5	68.1	68.4	68.2	68.5	69.6	71.4	72.2
1980	69.4	69.7	68.4	68.8	69.1	69.2	69.0	68.7	69.0	69.5	70.0	72.5	72.2
1981	71.0	69.6	70.1	70.1	70.4	71.0	71.3	71.1	71.4	71.6	71.8	72.0	72.1
1982		70.9	70.3										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	21.3	20.4	20.2	20.4	20.7	20.8	21.1	21.2	21.2	21.6	22.4	22.6	23.0
1978	23.2	22.1	22.2	22.6	23.3	23.3	23.8	23.4	22.7	22.6	23.5	24.1	24.5
1979	23.9	24.2	24.5	23.9	22.7	23.1	23.9	23.7	23.5	23.6	24.0	24.5	24.7
1980	23.3	23.7	23.1	23.4	23.5	23.6	23.1	22.8	22.8	23.0	23.4	23.6	23.4
1981	24.1	23.7	23.5	23.7	23.9	24.2	24.2	24.0	24.0	24.4	24.5	24.6	24.6
1982		24.0	23.8										

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	51.1	49.2	49.0	48.8	49.8	49.8	50.8	51.4	51.5	52.1	53.1	53.6	54.2
1978	55.5	52.8	53.5	54.6	55.4	55.5	56.5	56.3	55.0	55.0	56.2	57.1	57.5
1979	56.5	56.5	57.3	55.9	53.6	54.8	56.1	56.3	56.0	56.3	57.5	58.3	58.2
1980	56.7	57.5	56.1	56.5	56.8	56.7	56.*	56.0	56.3	57.2	57.0	57.2	58.1
1981	56.8	55.7	56.0	56.0	56.3	56.8	57.4	57.2	57.2	57.1	57.4	57.6	57.2
1982		56.4	55.6										

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	214.70	203.83	207.18	209.99	207.18	211.66	215.07	213.89	218.30	220.60	216.59	220.95	219.46
1978	226.69	227.67	225.22	229.36	224.32	227.02	224.75	225.22	226.42	228.85	230.49	231.10	241.23
1979	242.82	236.33	233.58	236.33	239.09	241.23	241.16	240.75	244.94	245.67	250.61	249.26	259.81
1980	269.56	256.73	263.15	258.75	258.00	259.50	267.41	270.38	271.44	274.61	272.63	284.61	291.45
1981	300.05	296.40	295.13	294.03	292.39	293.92	294.34	297.33	299.30	302.73	307.31	306.12	308.03
1982		320.29	322.86										

See footnotes at end of tables.

SIC 504—SPORTING GOODS, TOYS, AND HOBBY GOODS (Con.)

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	5.65	5.45	5.51	5.57	5.51	5.57	5.63	5.57	5.67	5.79	5.73	5.83	5.96
1978	6.05	5.96	5.99	6.02	5.95	5.99	5.93	5.99	5.99	6.12	6.13	6.13	6.38
1979	6.51	6.37	6.33	6.37	6.41	6.45	6.38	6.42	6.48	6.63	6.81	6.74	6.72
1980	7.15	6.92	6.98	6.90	6.88	6.92	7.15	7.21	7.20	7.27	7.27	7.47	7.57
1981	7.68	7.80	7.47	7.82	7.86	7.88	7.87	7.95	7.96	8.03	8.13	8.12	8.43
1982		8.61	8.61										

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	38.0	37.4	37.6	37.7	37.6	38.0	38.2	38.4	38.5	38.1	37.8	37.9	38.5
1978	37.9	38.2	37.6	38.1	37.7	37.9	37.9	37.6	37.8	37.4	37.6	37.7	37.8
1979	37.3	37.1	36.9	37.1	37.3	37.4	37.8	37.5	37.8	37.1	36.8	37.0	38.0
1980	37.7	37.1	37.7	37.5	37.5	37.5	37.4	37.5	37.7	37.8	37.5	38.1	38.5
1981	37.6	38.0	37.5	37.6	37.2	37.3	37.4	37.4	37.6	37.7	37.8	37.7	37.5
1982		37.2	37.5										

SIC 505—METALS AND MINERALS, EXCEPT PETROLEUM

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	132.1	127.3	127.6	127.8	129.5	130.5	133.8	134.1	134.2	135.1	134.2	135.0	135.6
1978	142.4	135.6	137.9	139.4	140.0	141.1	143.5	143.7	144.5	144.4	145.3	146.1	146.9
1979	150.3	146.7	147.9	149.6	150.7	152.0	154.3	154.7	153.9	154.0	154.6	154.7	154.8
1980	151.6	154.4	154.8	155.5	155.0	152.4	150.9	148.8	148.6	149.0	149.2	149.9	150.8
1981	152.1	150.8	151.0	151.7	152.1	152.7	153.5	153.6	153.0	153.2	152.4	151.4	149.9
1982		149.4	147.9										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	23.1	22.1	22.2	22.2	22.5	22.8	23.4	23.3	23.6	23.5	23.7	23.8	23.8
1978	25.4	24.1	24.1	24.2	24.6	25.0	25.4	25.7	25.7	26.2	26.4	26.6	26.7
1979	27.7	26.7	26.8	27.1	27.2	27.4	27.7	27.9	28.1	28.0	28.6	28.6	28.6
1980	29.1	28.6	28.6	29.2	29.4	29.8	29.4	29.2	28.7	28.6	28.7	28.8	29.2
1981	29.5	29.0	29.2	29.3	29.4	29.3	29.6	29.7	29.6	29.6	29.6	29.7	29.7
1982		29.4	29.1										

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	107.1	103.1	103.6	103.6	105.1	106.0	109.0	109.0	108.7	109.9	108.9	109.2	109.6
1978	115.6	109.6	111.6	113.2	113.4	114.4	117.0	117.0	117.2	117.6	118.3	118.8	119.4
1979	124.1	119.1	120.1	121.6	122.8	124.1	125.9	126.0	125.5	125.4	126.0	125.8	126.1
1980	121.4	125.1	125.9	126.8	125.9	123.6	122.1	120.0	119.0	119.6	119.7	120.1	120.7
1981	122.2	120.4	120.5	121.6	122.2	122.8	124.0	124.2	123.3	123.1	122.4	121.4	119.9
1982		118.1	117.7										

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	214.57	210.45	211.45	217.41	216.22	240.60	244.21	246.85	245.02	249.60	252.23	251.83	254.00	256.07
1978	229.30	227.95	225.51	256.63	258.95	261.23	262.54	265.60	263.14	267.93	269.99	272.95	275.81	279.50
1979	242.00	234.79	233.20	247.00	248.95	285.98	291.85	292.07	291.80	301.73	303.20	301.20	306.77	313.50
1980	313.59	324.05	324.81	316.80	317.20	321.20	321.93	318.24	324.16	328.20	330.26	338.75	343.13
1981	338.17	341.70	343.71	345.14	344.20	349.52	346.50	346.81	350.06	348.38	351.35	352.04	353.33
1982		345.19	352.17										

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	5.64	5.50	5.51	5.44	5.45	5.56	6.03	6.09	6.08	6.08	6.24	6.29	6.28	6.35	6.37
1978	6.21	6.45	6.44	6.49	6.45	6.58	6.58	6.64	6.73	6.80	6.87	6.93	7.01	7.05	7.06
1979	7.39	7.06	7.16	7.17	7.17	7.24	7.26	7.32	7.35	7.45	7.54	7.51	7.65	7.76
1980	8.19	7.73	7.94	7.98	7.99	8.05	8.15	8.16	8.27	8.33	8.34	8.49	8.61	8.61
1981	8.77	8.50	8.56	8.65	8.67	8.74	8.75	8.74	8.84	8.91	8.85	8.89	8.90
1982		9.06	9.01										

See footnotes at end of tables.

SIC 505—METALS AND MINERALS, EXCEPT PETROLEUM (Con.)

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	40.0	39.5	39.9	39.7	39.9	40.1	40.6	40.3	40.0	40.1	40.1	40.0	40.2
1978	39.7	39.8	39.6	39.9	39.7	39.9	40.0	39.1	39.4	39.3	39.5	39.8	40.1
1979	40.0	39.2	40.0	40.3	39.5	40.2	39.9	39.7	40.5	40.0	40.0	40.1	40.4
1980	39.7	39.8	39.9	39.9	39.7	39.9	39.5	39.0	39.2	39.4	39.6	39.9	40.8
1981	39.7	40.2	39.6	39.9	39.7	39.9	39.6	39.5	39.6	39.1	39.7	39.6	39.7
1982		38.1	39.0										

SIC 506—ELECTRICAL GOODS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	368.2	363.4	359.1	361.9	362.5	364.6	367.5	369.1	368.2	371.4	374.0	377.4	378.7
1978	386.1	379.9	377.8	378.9	380.0	382.4	386.4	386.7	388.9	391.2	390.8	393.8	395.8
1979	405.4	395.5	396.3	398.4	400.7	402.7	406.7	406.8	408.1	408.2	410.8	414.6	415.6
1980	421.4	417.1	418.8	420.1	420.1	419.2	421.4	419.8	421.8	421.8	423.7	426.1	427.2
1981	433.0	426.8	427.7	427.9	429.1	430.9	433.8	432.9	434.6	435.1	436.7	439.7	440.2
1982		438.5	438.6										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	96.8	93.7	93.4	93.9	94.2	94.7	96.3	96.9	97.0	98.3	99.5	101.5	102.7
1978	106.2	102.6	101.7	102.6	103.5	104.3	105.7	105.7	107.5	108.5	109.3	111.4	111.7
1979	114.3	111.5	111.6	112.4	113.5	113.9	114.8	114.2	113.9	114.9	115.7	117.2	118.4
1980	121.5	119.1	118.9	120.3	121.0	121.3	122.0	120.3	121.5	121.9	122.6	124.2	125.2
1981	126.9	123.9	125.0	125.0	125.6	126.3	127.4	125.8	126.7	126.6	128.9	130.4	130.9
1982		129.6	129.3										

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	304.9	301.6	298.4	300.1	300.6	301.8	304.4	305.8	304.9	307.2	309.4	312.2	312.6
1978	317.9	312.7	310.6	311.9	313.3	314.6	318.5	318.7	320.6	321.9	321.1	324.7	326.2
1979	332.1	325.2	325.7	327.8	329.4	330.8	333.3	332.5	333.2	332.8	335.4	338.4	340.1
1980	342.8	340.9	341.7	343.4	342.8	341.6	343.1	340.7	341.9	341.6	343.2	346.1	346.7
1981	349.2	345.9	346.3	345.5	345.9	346.4	349.0	349.2	350.5	349.5	351.2	354.8	355.9
1982		353.0	352.7										

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	209.72	204.22	198.98	198.22	202.50	206.18	205.90	208.79	208.41	214.06	222.14	220.77	228.31
1978	231.66	220.03	219.26	225.81	226.98	224.85	229.70	233.44	233.24	237.55	241.86	238.39	246.71
1979	251.16	238.08	237.50	244.34	242.95	243.71	248.57	249.87	253.60	260.35	260.13	263.98	273.82
1980	278.52	263.16	267.42	271.36	273.22	273.86	276.26	278.58	279.63	285.53	285.43	292.47	298.10
1981	311.22	295.60	301.48	304.98	304.59	303.81	301.48	306.92	316.11	315.79	324.16	326.09	330.30
1982		334.23	330.58										

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	5.49	5.36	5.25	5.30	5.40	5.44	5.39	5.48	5.47	5.56	5.74	5.69	5.78
1978	5.94	5.73	5.71	5.79	5.85	5.81	5.83	5.94	5.95	6.06	6.17	6.16	6.23
1979	6.49	6.20	6.25	6.33	6.36	6.33	6.39	6.44	6.57	6.71	6.67	6.70	6.88
1980	7.16	6.80	6.91	7.03	7.06	7.04	7.12	7.18	7.17	7.34	7.30	7.46	7.49
1981	7.99	7.56	7.75	7.84	7.83	7.81	7.77	7.89	8.16	8.16	8.27	8.34	8.32
1982		8.57	8.52										

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	38.2	38.1	37.9	37.4	37.5	37.9	38.2	38.1	38.1	38.5	38.7	38.8	39.5
1978	39.0	38.4	38.4	39.0	38.8	38.7	39.4	39.3	39.2	39.2	39.2	38.7	39.6
1979	38.7	38.4	38.0	38.6	38.2	38.5	38.9	38.8	38.6	38.8	39.0	39.4	39.8
1980	38.9	38.7	38.7	38.6	38.7	38.9	38.8	38.8	39.0	38.9	39.1	39.1	39.8
1981	39.0	39.1	38.9	38.9	38.9	38.9	38.8	38.9	38.8	38.7	39.2	39.1	39.7
1982		39.0	38.8										

SIC 507—HARDWARE, PLUMBING, AND HEATING EQUIPMENT

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	219.2	213.7	213.2	214.4	216.9	217.9	220.8	223.1	222.0	221.7	221.7	222.3	222.5
1978	231.6	223.5	223.7	225.7	226.5	228.6	231.5	232.9	234.9	234.5	237.2	239.3	241.1
1979	242.7	240.6	238.9	240.1	239.4	240.5	243.8	244.1	244.5	243.5	244.7	246.0	246.1
1980	242.7	245.4	245.7	246.0	243.2	241.4	242.2	241.2	240.9	239.9	241.0	242.6	242.7
1981	243.5	242.1	241.5	241.4	243.0	244.2	245.8	246.5	245.5	243.9	243.4	242.6	242.2
1982		241.3	239.6										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	56.6	55.4	54.7	55.1	55.6	56.0	56.5	57.0	56.9	57.1	57.9	58.2	58.7
1978	62.0	58.6	59.2	59.7	60.0	60.8	61.4	62.1	62.9	63.0	64.5	65.5	65.5
1979	67.8	66.1	65.7	67.3	67.1	67.4	68.4	68.5	68.6	68.4	68.6	69.0	69.0
1980	66.5	68.8	68.8	68.9	68.0	67.1	66.5	65.4	64.9	64.8	65.0	64.9	65.1
1981	65.6	64.9	64.8	64.8	65.6	65.8	65.8	66.2	66.1	65.7	66.0	65.8	65.9
1982		65.5	65.3										

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	182.2	176.6	176.3	177.9	179.9	180.7	183.7	185.5	185.0	184.3	184.7	185.5	185.9
1978	192.1	185.8	185.5	187.0	187.3	189.2	191.8	193.2	195.4	194.7	196.9	198.0	199.8
1979	200.0	199.2	197.7	199.4	198.7	197.5	200.3	201.2	200.9	200.4	201.3	202.4	203.5
1980	199.6	202.2	202.8	203.2	200.2	198.2	198.8	198.4	197.8	196.5	198.3	199.4	199.2
1981	198.8	198.5	197.5	197.5	198.9	200.0	201.3	201.9	200.0	198.3	198.0	197.3	196.6
1982		195.2	194.0										

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	203.70	195.20	192.50	195.82	200.72	201.11	202.54	206.56	206.56	210.36	213.01	210.05	211.42
1978	218.09	211.37	210.48	213.95	218.06	215.00	218.06	218.68	220.77	221.76	222.53	220.99	225.43
1979	234.08	226.18	224.41	228.10	230.18	231.77	233.14	236.07	235.62	239.09	239.86	241.89	244.44
1980	253.22	242.79	243.57	245.66	247.56	249.22	252.95	253.72	254.30	256.34	260.16	262.77	262.58
1981	271.36	264.32	262.95	264.19	266.11	266.11	267.72	272.38	276.40	277.55	278.25	278.21	280.14
1982		280.77	284.87										

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.25	5.07	5.00	5.06	5.20	5.21	5.22	5.31	5.31	5.38	5.42	5.41	5.44
1978	5.65	5.49	5.51	5.50	5.62	5.57	5.63	5.68	5.69	5.76	5.76	5.77	5.81
1979	6.06	5.89	5.89	5.94	6.01	6.02	6.04	6.10	6.10	6.21	6.23	6.25	6.30
1980	6.56	6.29	6.31	6.37	6.43	6.49	6.47	6.56	6.64	6.71	6.74	6.79	6.75
1981	7.03	6.83	6.83	6.88	6.93	6.93	6.99	7.02	7.06	7.21	7.19	7.21	7.22
1982		7.35	7.38										

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	38.8	38.5	38.5	38.7	38.6	38.6	38.8	38.9	38.9	39.1	39.3	39.3	39.4
1978	38.4	38.5	38.2	38.5	38.8	38.6	38.8	38.5	38.8	38.5	38.5	38.3	38.8
1979	38.5	38.4	38.2	38.4	38.3	38.5	38.6	38.7	38.5	38.5	38.5	38.3	38.4
1980	38.6	38.6	38.6	38.6	38.5	38.4	38.5	38.5	38.4	38.5	38.6	38.7	38.9
1981	38.6	38.7	38.5	38.4	38.4	38.4	38.3	38.8	39.1	38.9	38.7	38.6	38.6
1982		38.7	38.6										

SIC 508—MACHINERY, EQUIPMENT, AND SUPPLIES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	1,087.9	1,049.6	1,054.8	1,063.2	1,071.9	1,081.1	1,089.5	1,097.9	1,102.8	1,102.3	1,107.4	1,114.7	1,119.8
1978	1,170.7	1,124.3	1,130.2	1,140.4	1,149.4	1,160.8	1,176.1	1,181.8	1,187.5	1,184.2	1,195.1	1,202.7	1,211.8
1979	1,260.8	1,217.4	1,224.8	1,238.0	1,246.7	1,256.9	1,275.9	1,279.2	1,280.1	1,271.7	1,279.5	1,283.3	1,278.4
1980	1,307.7	1,285.7	1,294.8	1,306.6	1,313.9	1,315.4	1,319.0	1,309.7	1,307.8	1,306.4	1,310.8	1,310.5	1,313.1
1981	1,348.7	1,315.0	1,318.8	1,328.3	1,338.2	1,342.0	1,359.8	1,366.2	1,365.4	1,353.3	1,363.3	1,366.0	1,367.4
1982		1,358.3	1,356.2										

See footnotes at end of tables

SIC 508—MACHINERY, EQUIPMENT, AND SUPPLIES (Con.)

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	228.0	218.3	220.0	220.8	221.4	224.0	226.0	229.1	232.0	232.1	234.1	237.5	239.8
1978	253.0	240.0	242.3	245.3	246.1	248.5	252.9	254.8	256.7	256.1	261.0	263.8	267.5
1979	280.3	269.1	269.7	273.5	275.4	276.5	281.8	284.5	286.0	284.6	286.1	288.7	287.5
1980	299.5	291.5	293.5	298.7	299.5	301.4	301.7	299.1	298.7	300.4	302.4	302.1	304.5
1981	309.8	302.8	303.8	305.7	307.3	308.5	309.5	312.0	312.1	310.6	312.8	315.1	316.7
1982		314.1	313.2										

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	852.8	859.3	863.5	870.9	878.5	886.6	894.7	902.8	906.8	905.2	909.1	915.7	919.9
1978	957.6	922.7	925.2	934.2	941.8	950.1	964.1	969.8	974.3	972.8	975.0	978.2	980.5
1979	1,029.7	988.6	995.9	1,008.7	1,017.8	1,029.3	1,044.2	1,047.1	1,047.5	1,040.6	1,045.7	1,048.4	1,045.1
1980	1,066.4	1,049.5	1,055.6	1,068.3	1,075.4	1,073.4	1,078.6	1,071.4	1,068.5	1,062.5	1,065.4	1,063.6	1,065.0
1981	1,090.8	1,066.4	1,070.0	1,078.7	1,085.8	1,088.3	1,101.3	1,107.1	1,103.9	1,092.5	1,099.1	1,098.0	1,094.4
1982		1,088.9	1,088.0										

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	225.20	218.20	217.31	218.55	222.40	224.40	224.67	226.89	226.89	228.57	233.34	230.62	233.42
1978	246.00	235.42	234.24	236.61	242.80	242.99	244.82	249.27	247.63	252.05	254.67	253.20	256.68
1979	263.78	256.71	256.07	259.20	259.64	260.80	263.06	265.72	265.32	268.53	269.20	270.11	274.92
1980	282.50	274.92	273.53	277.07	277.54	278.24	280.65	281.71	283.68	285.71	288.01	290.82	292.70
1981	304.97	293.61	295.22	299.07	300.27	303.00	302.59	306.92	309.68	308.11	312.44	315.19	315.20
1982		313.86	316.68										

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.63	5.51	5.46	5.45	5.56	5.61	5.58	5.63	5.63	5.70	5.75	5.79	5.85
1978	6.10	5.94	5.93	5.95	6.07	6.09	6.09	6.17	6.16	6.27	6.34	6.33	6.39
1979	6.61	6.45	6.45	6.48	6.54	6.52	6.56	6.61	6.60	6.73	6.71	6.77	6.82
1980	7.17	6.96	6.96	7.05	7.08	7.08	7.11	7.15	7.20	7.27	7.32	7.42	7.41
1981	7.76	7.49	7.55	7.61	7.66	7.71	7.68	7.77	7.84	7.88	7.93	8.02	8.00
1982		8.11	8.12										

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	40.0	39.6	39.8	40.1	40.0	40.0	40.3	40.3	40.3	40.1	40.3	39.9	39.9
1978	40.0	39.5	39.5	39.8	40.0	39.9	40.2	40.4	40.2	40.3	40.3	40.0	40.1
1979	39.9	39.8	39.7	40.0	39.7	40.0	40.1	40.2	40.2	40.2	40.2	40.0	39.9
1980	39.6	39.5	39.3	39.3	39.2	39.1	39.5	39.4	39.4	39.3	39.4	39.1	39.1
1981	39.3	39.2	39.1	39.3	39.2		39.4	39.5	39.5	39.1	39.4	39.2	39.2
1982		39.7	39.0										

SIC 509—MISCELLANEOUS DURABLE GOODS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	188.7	183.9	184.6	186.7	188.7	191.1	190.7	189.0	189.6	189.4	190.3	189.7	190.9
1978	194.4	187.6	189.9	192.8	194.5	196.9	198.7	195.5	196.6	197.6	198.9	201.4	204.5
1979	206.4	201.9	201.7	205.4	206.6	206.1	205.5	207.4	206.3	206.0	207.7	209.4	208.6
1980	206.1	207.1	207.6	208.6	208.4	207.0	203.7	200.6	202.6	204.1	207.3	207.7	208.1
1981	206.2	206.1	206.5	208.0	210.4	210.6	210.3	206.3	206.2	206.4	208.1	210.9	213.3
1982		194.1	191.2										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	46.5	45.9	45.9	45.9	46.0	46.4	46.1	45.9	46.2	46.6	46.4	47.5	48.2
1978	48.6	47.3	47.6	48.3	48.5	49.0	48.7	47.9	48.0	48.5	48.5	48.1	48.5
1979	48.9	50.0	49.3	49.0	49.1	49.2	49.7	47.9	48.0	48.5	48.5	48.1	48.5
1980	47.9	48.0	48.4	48.1	47.6	46.8	46.7	46.3	46.9	47.5	48.3	48.5	48.2
1981	47.7	47.7	47.6	47.7	48.4	48.3	48.2	46.8	47.7	47.9	47.7	47.5	47.1
1982		46.2	46.2										

SIC 509—MISCELLANEOUS DURABLE GOODS (Con.)

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	157.7	153.1	154.8	156.3	158.3	160.6	159.5	157.6	158.6	158.1	158.8	157.8	159.5
1978	165.1	156.8	159.5	161.8	163.4	165.3	167.6	164.3	165.2	166.0	167.1	171.5	172.9
1979	174.6	170.0	170.1	173.8	175.0	174.3	177.5	175.4	174.6	174.1	175.7	177.2	177.2
1980	174.8	176.3	176.4	177.4	177.1	175.3	172.4	169.6	171.8	172.8	175.7	176.5	176.7
1981	174.2	174.5	174.6	176.3	176.3	177.9	177.9	174.4	174.2	174.6	171.9	169.2	166.0
1982		162.5	159.8										

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	160.95	171.86	179.38	160.11	178.94	180.26	181.27	180.48	180.86	181.16	183.55	184.42	187.79
1978	167.34	184.24	189.14	192.37	194.82	195.71	197.11	196.56	199.87	202.54	202.79	205.54	209.88
1979	184.33	200.86	207.67	214.26	208.21	211.18	214.63	211.77	215.91	215.83	218.51	221.03	222.61
1980	196.63	216.27	220.20	220.80	221.95	222.72	225.04	220.71	224.41	228.05	231.39	233.92	239.34
1981	240.77	236.76	233.09	238.78	239.32	239.86	238.85	236.38	243.04	242.06	246.38	248.45	249.60
1982		235.80	245.05										

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.70	4.57	4.63	4.63	4.66	4.67	4.66	4.70	4.71	4.73	4.78	4.79	4.84
1978	4.96	4.90	4.90	4.92	4.97	4.98	4.99	5.04	5.06	5.16	5.24	5.23	5.30
1979	5.30	5.35	5.38	5.37	5.38	5.36	5.42	5.43	5.48	5.52	5.56	5.61	5.65
1980	5.66	5.68	5.69	5.75	5.75	5.77	5.83	5.87	5.89	5.97	6.01	6.06	6.09
1981	6.27	6.15	6.15	6.17	6.20	6.23	6.22	6.27	6.28	6.32	6.35	6.42	6.50
1982		6.55	6.50										

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	38.5	37.5	38.6	38.9	38.4	38.6	38.9	38.4	38.4	38.3	38.4	38.5	38.8
1978	39.0	37.6	38.6	39.1	39.2	39.3	39.5	39.0	39.5	39.1	38.7	39.3	39.6
1979	39.2	38.5	38.6	39.9	38.7	39.4	39.6	39.0	39.4	39.1	39.3	39.4	39.4
1980	38.5	38.7	38.7	38.4	38.6	38.6	38.6	37.6	38.1	38.2	38.5	38.6	39.3
1981	38.4	38.5	37.9	38.7	38.6	38.5	38.4	37.7	38.7	38.3	38.8	38.7	38.4
1982		36.0	37.7										

SIC 51—WHOLESALE TRADE—NONDURABLE GOODS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	1,991	1,945	1,943	1,956	1,963	1,971	1,999	1,997	2,008	2,018	2,027	2,028	2,037
1978	2,068	2,009	2,012	2,026	2,044	2,055	2,083	2,075	2,087	2,091	2,113	2,109	2,117
1979	2,123	2,097	2,091	2,099	2,099	2,110	2,131	2,129	2,130	2,135	2,150	2,153	2,147
1980	2,133	2,120	2,121	2,129	2,124	2,134	2,153	2,162	2,166	2,173	2,183	2,185	2,191
1981	2,186	2,163	2,159	2,167	2,171	2,179	2,199	2,192	2,201	2,201	2,206	2,205	2,186
1982		2,153	2,152										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	534	520	519	522	526	526	538	530	536	543	549	548	548
1978	563	538	539	547	553	555	565	556	562	570	590	589	590
1979	588	580	577	582	577	582	587	583	586	594	603	606	603
1980	607	592	594	595	589	597	604	607	608	617	630	626	631
1981	623	614	612	615	614	616	621	615	622	633	641	643	631
1982		617	619										

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	1,682	1,600	1,597	1,608	1,616	1,624	1,648	1,646	1,655	1,664	1,671	1,673	1,680
1978	1,728	1,656	1,658	1,672	1,689	1,697	1,720	1,713	1,725	1,728	1,750	1,744	1,747
1979	1,748	1,728	1,722	1,727	1,727	1,734	1,755	1,749	1,750	1,756	1,769	1,770	1,763
1980	1,763	1,736	1,738	1,743	1,740	1,746	1,762	1,770	1,771	1,777	1,785	1,783	1,788
1981	1,788	1,764	1,760	1,767	1,771	1,778	1,798	1,792	1,797	1,797	1,804	1,802	1,784
1982		1,750	1,752										

See footnote at end of table.

SIC 51—WHOLESALE TRADE—NONDURABLE GOODS (Con.)

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	205.13	196.70	199.26	199.12	201.17	203.07	203.61	207.52	205.90	208.19	210.82	210.31	214.10
1978	223.65	213.57	214.51	216.41	218.50	217.35	220.98	226.74	225.93	230.18	230.95	232.03	235.55
1979	244.48	233.98	234.25	237.74	240.79	240.66	243.59	246.91	245.63	249.72	248.95	252.40	256.23
1980	263.84	255.91	258.10	259.99	261.51	262.96	258.96	262.17	263.90	267.57	269.37	272.12	274.36
1981	288.04	277.45	277.89	280.10	283.11	284.26	285.39	291.84	291.46	293.75	294.90	297.58	299.49
1982		299.20	301.60										

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.37	5.19	5.23	5.24	5.28	5.33	5.33	5.39	5.39	5.45	5.49	5.52	5.59
1978	5.87	5.65	5.66	5.68	5.75	5.75	5.80	5.92	5.93	6.01	6.03	6.09	6.15
1979	6.40	6.19	6.23	6.24	6.32	6.30	6.36	6.43	6.43	6.52	6.50	6.59	6.69
1980	6.98	6.77	6.81	6.86	6.90	6.92	6.98	7.01	7.00	7.06	7.07	7.18	7.22
1981	7.58	7.34	7.38	7.41	7.47	7.52	7.51	7.60	7.67	7.71	7.72	7.79	7.84
1982		8.00	8.00										

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	38.2	37.9	38.1	38.0	38.1	38.1	38.2	38.5	38.2	38.2	38.4	38.1	38.3
1978	38.1	37.8	37.9	38.1	38.0	37.8	38.1	38.3	38.1	38.3	38.3	38.1	38.3
1979	38.2	37.8	37.6	38.1	38.1	38.2	38.3	38.4	38.2	38.3	38.3	38.3	38.3
1980	37.8	37.8	37.9	37.9	37.9	38.0	37.1	37.4	37.7	37.9	38.1	37.9	38.0
1981	38.0	37.8	37.6	37.8	37.9	37.8	38.0	38.4	38.0	38.1	38.2	38.2	38.2
1982		37.4	37.7										

SIC 511—PAPER AND PAPER PRODUCTS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	126.8	123.4	123.4	123.9	125.3	125.9	127.0	126.4	126.6	128.9	129.4	130.2	131.5
1978	135.9	131.7	131.9	133.0	133.8	134.7	135.7	136.0	136.7	137.2	138.6	140.3	141.5
1979	145.6	141.2	142.2	143.3	144.1	144.8	146.7	147.1	145.9	146.2	147.3	148.6	149.2
1980	151.4	149.8	149.7	150.6	150.9	150.7	151.6	151.4	151.4	151.6	152.4	153.2	153.5
1981	154.9	153.1	153.1	153.3	153.9	154.6	155.9	155.2	155.0	154.7	155.7	157.0	156.9
1982		157.1	156.6										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	37.4	36.4	36.5	36.4	36.8	36.9	37.5	37.0	37.1	38.0	38.1	38.5	39.4
1978	39.8	39.2	39.2	39.3	39.5	39.3	39.3	39.3	39.3	39.8	40.5	40.9	41.4
1979	42.7	40.8	40.8	41.5	42.2	42.7	43.3	43.3	43.3	42.7	43.7	43.9	43.9
1980	45.9	44.0	44.2	44.9	45.1	45.5	46.2	46.2	46.2	46.4	47.3	47.6	47.7
1981	48.8	48.0	48.0	47.9	48.6	48.7	49.0	49.1	48.8	48.6	49.2	49.9	49.9
1982		50.2	49.8										

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	103.6	100.3	100.8	101.0	102.1	102.9	103.7	103.2	103.6	105.7	105.7	106.7	107.9
1978	110.7	108.3	108.0	108.7	109.2	109.6	110.2	110.5	111.0	111.5	112.7	114.1	114.9
1979	118.0	114.4	114.8	115.5	116.5	117.1	118.9	119.2	119.5	118.7	119.6	120.5	121.2
1980	123.5	121.5	121.9	122.7	123.1	123.1	123.9	123.9	124.1	123.4	124.3	124.8	124.7
1981	125.5	124.3	124.3	124.3	125.0	125.2	126.8	126.2	125.6	125.2	125.7	126.9	126.6
1982		126.4	126.3										

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	225.71	219.23	221.67	223.87	223.87	223.38	219.73	225.22	222.65	225.57	233.78	234.05	235.05
1978	250.03	235.43	230.95	234.33	240.54	237.40	240.31	253.64	259.84	263.15	265.72	265.35	269.38
1979	277.77	272.27	272.98	277.10	278.58	275.23	270.41	271.47	277.09	279.96	283.14	284.28	292.35
1980	291.56	285.74	287.00	287.79	291.20	289.02	289.81	286.70	287.79	293.46	298.48	300.44	301.25
1981	311.91	303.23	304.88	312.48	309.32	311.33	306.18	313.75	314.50	314.64	315.68	316.46	315.93
1982		316.23	323.02										

SIC 511—PAPER AND PAPER PRODUCTS (Con.)

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	6.15	5.99	6.04	6.10	6.10	6.07	6.02	6.12	6.10	6.18	6.37	6.36	6.37
1978	6.85	6.45	6.31	6.42	6.59	6.54	6.62	6.93	7.08	7.19	7.32	7.21	7.34
1979	7.61	7.48	7.52	7.53	7.57	7.52	7.47	7.52	7.55	7.67	7.80	7.81	7.89
1980	8.01	7.95	7.95	7.95	8.00	7.94	7.94	7.92	7.95	8.04	8.20	8.12	8.12
1981	8.43	8.24	8.24	8.40	8.36	8.46	8.32	8.48	8.50	8.55	8.64	8.53	8.47
1982		8.57	8.66										

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	36.7	36.6	36.7	36.7	36.7	36.8	36.5	36.8	36.5	36.5	36.7	36.8	36.9
1978	36.5	36.5	36.6	36.5	36.5	36.3	36.3	36.6	36.7	36.6	36.3	36.3	36.7
1979	36.5	36.4	36.3	36.8	36.8	36.6	36.2	36.1	36.7	36.5	36.3	36.4	37.1
1980	36.4	36.4	36.1	36.2	36.4	36.4	36.5	36.2	36.2	36.5	36.4	37.0	37.1
1981	37.0	36.8	37.0	37.2	37.0	36.8	36.8	37.0	37.0	36.8	37.0	37.1	37.3
1982		36.9	37.3										

SIC 512—DRUGS, PROPRIETARIES, AND SUNDRIES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	131.2	129.4	129.7	130.0	129.6	129.7	131.3	129.5	130.4	132.4	134.3	134.3	133.7
1978	139.1	133.9	133.9	135.4	136.9	137.7	139.3	138.5	139.9	141.8	143.1	144.1	145.1
1979	144.3	144.0	143.6	143.9	143.4	144.2	144.7	143.8	144.4	143.1	144.6	145.5	145.8
1980	146.9	146.2	145.6	146.4	147.0	146.1	146.7	146.2	146.1	146.3	148.1	148.4	150.0
1981	150.4	150.0	149.2	148.4	149.2	149.9	150.8	150.6	150.8	150.7	151.4	152.0	152.4
1982		150.0	150.7										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	55.5	54.2	54.6	54.6	54.6	55.2	55.8	54.6	55.1	56.3	57.3	57.2	56.6
1978	59.4	57.0	56.5	57.0	58.3	58.6	59.5	58.8	59.1	60.6	61.6	62.6	63.2
1979	64.1	62.9	63.0	63.5	63.6	63.4	63.9	63.6	64.3	63.9	65.1	65.4	65.3
1980	64.4	63.7	64.7	64.6	64.8	64.1	63.8	63.0	63.4	63.6	64.8	65.0	65.6
1981	65.4	65.6	65.3	65.0	65.3	65.4	65.5	64.8	65.0	65.2	65.8	66.0	65.9
1982		65.3	66.3										

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	110.2	110.2	111.0	111.1	111.1	111.7	110.3	110.3	111.2	112.8	114.1	114.7	114.1
1978	114.5	114.5	114.4	114.9	115.1	116.0	115.2	116.1	116.5	120.4	122.5	123.5	124.7
1979	123.6	123.5	123.4	123.6	123.7	124.0	123.7	123.5	123.9	122.9	123.8	124.5	124.8
1980	125.4	125.1	124.5	124.1	125.2	124.7	125.0	124.0	124.0	123.9	125.3	125.6	126.8
1981	127.3	126.6	126.9	126.9	126.2	126.4	127.3	127.6	127.1	126.4	126.0	126.6	125.4
1982		125.1	125.6										

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	225.74	222.37	223.58	223.85	224.03	223.25	216.58	219.01	216.85	220.95	220.95	219.92	223.29
1978	232.40	215.35	207.07	217.47	228.62	224.70	227.83	234.08	241.87	238.08	238.13	239.23	244.68
1979	254.44	242.15	240.67	242.79	242.50	240.76	239.68	239.76	246.38	254.65	252.67	256.81	263.03
1980	273.41	262.49	261.00	264.62	267.60	263.39	273.79	274.16	277.51	285.28	290.87	293.40	294.62
1981	299.03	284.95	291.74	298.97	291.88	293.23	298.03	300.47	306.90	307.56	306.27	310.40	310.09
1982		306.45	310.17										

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.92	5.85	5.91	5.91	5.89	5.95	5.94	5.83	5.92	5.88	5.88	5.88	5.74
1978	6.39	5.90	5.76	5.90	5.95	5.95	6.01	6.16	6.07	6.20	6.25	6.22	6.29
1979	6.79	6.58	6.58	6.40	6.36	6.53	6.42	6.40	6.59	6.57	6.72	6.72	6.83
1980	7.23	7.08	7.06	7.05	7.05	7.10	7.04	7.07	7.08	7.07	7.56	7.51	7.57
1981	8.08	7.96	7.96	7.81	7.91	7.99	7.99	7.97	8.05	8.09	8.30	8.28	8.29
1982		8.52	8.64										

SIC 512—DRUGS, PROPRIETARIES, AND SUNDRIES (Con.)

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	38.6	38.6	38.4	38.8	38.6	38.2	38.4	38.9	38.4	38.9	38.9	38.7	38.9
1978	38.2	38.5	38.2	38.3	38.2	37.7	37.8	38.0	38.2	38.4	38.4	38.4	38.5
1979	37.7	38.4	37.6	37.7	37.2	37.5	37.8	37.9	37.5	37.9	37.6	37.6	37.6
1980	37.1	37.0	36.9	37.0	37.1	36.8	36.8	37.2	37.1	37.5	37.6	37.4	37.2
1981	37.1	37.2	36.9	37.0	36.9	36.7	37.3	37.7	37.2	37.1	36.9	37.1	37.4
1982		36.2	36.2										

SIC 513—APPAREL, PIECE GOODS, AND NOTIONS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	157.7	154.8	155.4	156.7	156.8	156.9	158.3	156.0	158.8	158.3	160.4	161.0	159.5
1978	162.9	157.0	157.8	159.6	161.6	161.9	164.6	162.2	164.6	165.3	166.6	166.5	166.6
1979	168.4	165.7	166.8	168.7	167.4	167.3	169.3	169.0	169.0	169.0	170.9	169.9	169.6
1980	169.5	166.5	167.5	167.9	166.7	166.9	168.7	169.2	170.1	170.1	171.8	171.9	172.9
1981	168.7	166.7	167.8	168.5	167.5	167.8	169.6	168.9	170.1	169.9	169.3	169.9	168.7
1982		165.7	167.2										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	73.8	72.2	72.4	73.0	73.0	73.1	74.0	72.8	74.1	74.7	75.6	76.0	74.9
1978	77.9	73.2	73.6	75.0	75.3	75.5	76.9	77.1	79.4	79.9	81.2	80.4	79.9
1979	81.3	79.2	80.4	81.5	80.9	80.9	81.3	81.0	81.1	81.8	82.9	82.9	81.5
1980	82.4	80.9	81.6	82.1	81.5	81.5	82.1	81.9	82.4	82.5	84.1	84.1	83.2
1981	82.7	81.7	81.5	82.3	81.8	82.5	83.4	82.8	83.5	83.8	83.7	83.8	83.6
1982		81.4	82.1										

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	124.5	121.9	122.5	123.2	123.2	123.4	124.5	123.1	125.8	125.4	127.0	127.5	126.0
1978	129.4	124.1	124.7	126.9	126.5	128.6	130.9	129.2	131.1	131.9	133.0	132.5	131.4
1979	133.6	130.9	132.3	133.7	132.9	132.1	134.4	133.9	134.2	134.3	135.7	135.7	134.0
1980	134.1	132.3	133.0	133.4	132.3	132.1	133.8	134.1	134.9	135.1	136.1	136.1	136.4
1981	132.5	131.1	131.9	132.7	131.5	131.9	133.4	132.8	133.1	132.9	133.1	133.9	132.1
1982		129.6	131.0										

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	178.24	174.77	176.30	174.88	176.22	178.71	178.42	176.85	177.25	178.42	181.80	182.52	181.58
1978	196.56	184.86	184.14	190.41	192.95	196.58	198.56	192.95	196.56	199.04	199.68	199.68	199.68
1979	217.94	208.94	210.54	214.35	210.81	209.36	213.41	213.00	213.06	213.64	215.68	214.76	215.14
1980	214.67	215.17	216.00	216.83	216.83	217.00	219.00	219.60	220.61	220.61	224.43	224.64	227.33
1981	220.38	218.85	221.63	223.95	220.23	220.89	226.63	224.75	226.62	226.63	226.13	226.63	224.58
1982		234.12	234.24										

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.68	4.78	4.80	4.94	4.95	5.00	4.97	5.01	4.99	5.04	5.05	5.07	5.06
1978	5.40	5.13	5.07	5.29	5.33	5.33	5.33	5.40	5.44	5.54	5.57	5.54	5.61
1979	5.90	5.74	5.74	5.79	5.81	5.82	5.90	5.94	5.98	6.06	6.04	6.03	6.06
1980	6.19	6.08	6.07	6.09	6.07	6.06	6.08	6.09	6.09	6.09	6.14	6.15	6.19
1981	6.74	6.59	6.54	6.59	6.70	6.75	6.72	6.81	6.79	6.75	6.81	6.86	6.87
1982		7.19	7.19										

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	35.6	37.4	35.7	35.4	35.6	35.6	35.6	35.2	35.6	35.4	36.0	36.0	36.1
1978	36.4	35.9	36.1	36.1	36.0	36.0	36.2	36.4	36.5	36.7	36.9	36.8	36.8
1979	36.9	36.1	36.4	36.9	36.9	36.5	36.6	36.9	36.8	36.8	36.9	37.0	37.1
1980	36.8	36.5	36.7	36.8	36.4	36.5	36.8	36.5	36.9	37.0	37.2	37.1	37.0
1981	37.0	36.7	36.8	37.0	37.0	37.0	36.7	36.9	37.0	37.1	37.1	36.9	37.1
1982		35.9	36.1										

See footnotes at end of table.

SIC 514—GROCERIES AND RELATED PRODUCTS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	610.7	581.4	586.2	593.9	599.4	605.5	618.9	620.9	623.0	629.6	621.9	620.6	625.5
1978	635.3	615.4	619.2	623.8	629.3	634.7	645.4	640.4	639.0	644.0	646.5	640.6	645.1
1979	648.1	638.5	632.8	634.4	632.7	639.5	654.3	657.4	659.2	660.6	658.4	653.6	655.3
1980	655.3	646.4	647.7	647.7	643.0	648.7	657.9	659.3	659.3	664.7	663.4	660.7	664.6
1981	663.6	654.3	653.0	655.2	656.3	662.1	672.4	672.7	674.9	670.7	667.2	666.0	658.5
1982		644.6	644.3										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	143.9	138.9	137.5	138.9	142.1	141.6	149.3	145.1	145.7	148.5	148.0	145.2	146.1
1978	147.6	140.8	140.2	145.2	146.6	148.8	154.2	148.5	147.8	148.1	151.3	148.4	149.4
1979	148.1	144.4	141.1	144.5	139.9	143.4	148.0	146.9	147.6	151.7	150.6	148.1	149.6
1980	149.7	144.3	145.0	144.0	147.1	152.6	156.2	157.5	157.6	161.4	162.4	156.7	159.6
1981	156.1	151.3	151.4	152.6	153.5	155.3	157.9	156.4	160.8	160.0	159.6	159.6	155.1
1982		148.0	146.5										

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	536.3	507.0	505.7	509.2	514.8	521.1	534.0	534.9	537.3	543.1	535.8	534.3	539.3
1978	549.9	534.6	534.0	538.5	544.0	548.2	558.5	554.3	555.1	559.7	561.7	555.8	557.8
1979	559.8	551.1	545.7	547.3	544.9	550.6	564.9	566.5	567.3	569.9	568.0	562.8	563.3
1980	564.4	555.9	556.8	556.8	553.7	558.8	568.3	570.5	570.5	574.6	571.8	567.0	570.6
1981	569.4	559.9	559.1	560.3	561.7	567.6	578.0	578.5	579.7	576.9	573.7	572.7	565.7
1982		561.4	561.4										

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	198.60	189.80	190.33	194.72	195.74	207.28	206.36	214.03	210.76	213.46	215.22	215.81	220.20
1978	211.51	203.84	203.84	211.56	221.74	225.02	231.07	230.44	232.16	231.72	234.62	236.01
1979	226.65	219.64	220.11	227.99	242.30	242.69	243.95	250.24	247.43	252.72	249.86	257.52	258.69
1980	246.30	234.60	236.67	240.14	259.60	260.43	264.98	264.41	259.18	266.49	268.00	275.15	275.46
1981	266.79	256.67	260.84	264.24	285.48	283.33	292.61	296.83	297.61	301.85	301.85		
1982		278.58											

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.41	5.19	5.24	5.29	5.33	5.37	5.36	5.46	5.46	5.52	5.59	5.62	5.69
1978	5.62	5.37	5.39	5.44	5.47	5.60	5.62	5.66	5.64	5.67	6.03	6.05	6.11	6.13
1979	5.88	5.64	5.64	5.69	6.03	6.31	6.32	6.32	6.40	6.41	6.48	6.51	6.52	6.65
1980	6.66	6.34	6.34	6.39	6.41	6.45	6.47	6.94	6.97	6.93	7.05	7.09	7.26	7.23
1981	7.47	7.32	7.42	7.42	7.42	7.48	7.48	7.48	7.56	7.66	7.73	7.71	7.82	7.82
1982		8.03	8.03										

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	36.5	36.5	36.8	36.7	36.6	36.6	38.5	39.2	38.6	38.6	38.5	38.4	38.7
1978	38.8	38.1	38.2	38.5	38.2	38.1	38.4	38.9	38.6	38.5	38.3	38.4	38.5
1979	38.5	37.9	37.8	38.2	38.4	38.4	38.6	39.1	38.6	39.0	38.4	38.9	38.9
1980	37.6	36.1	36.3	36.2	37.9	36.2	35.3	36.5	37.4	37.8	37.8	37.9	38.1
1981	36.1	37.9	37.1	37.9	38.0	38.3	38.3	38.8	38.2	38.4	38.6	38.6	38.6
1982		37.7	37.9										

SIC 516—CHEMICALS AND ALLIED PRODUCTS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	110.1	110.0	110.4	113.4	112.4	112.6	114.3	112.6	113.1	113.5	114.1	114.1	114.2
1978	116.5	113.5	113.9	113.7	114.1	115.9	117.1	118.7	119.0	117.4	117.4	117.9	119.8
1979	120.5	119.7	120.7	121.6	122.2	122.2	123.3	123.2	123.4	122.9	123.0	123.8	123.6
1980	126.3	125.3	126.0	127.5	126.9	127.6	128.5	129.8	129.8	129.6	128.7	129.2	131.0
1981	132.7	131.7	131.0	131.0	130.3	131.3	134.1	133.6	134.1	133.9	133.5	134.1	134.2
1982		134.1	135.2										

SIC 516—CHEMICALS AND ALLIED PRODUCTS (Con.)

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	26.7	26.5	26.2	26.4	26.4	26.6	27.0	26.8	26.9	26.6	26.9	27.0	27.1
1978	28.7	27.2	27.3	27.6	27.7	28.2	28.5	29.5	29.3	29.5	29.6	29.7	30.3
1979	31.6	30.4	30.6	31.2	31.3	31.4	32.0	31.9	31.9	31.8	32.0	32.2	32.1
1980	33.6	32.1	32.4	32.9	32.5	32.9	33.4	33.6	34.0	34.2	34.5	34.5	35.7
1981	36.0	36.2	35.8	35.5	35.9	35.4	35.9	35.9	35.8	36.1	36.2	37.0	36.7
1982		37.4	37.6										

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	79.4	78.3	78.6	79.4	78.8	78.9	80.3	78.9	79.1	79.6	80.1	80.4	80.3
1978	83.0	79.7	80.1	80.1	80.9	82.6	83.8	84.8	85.1	84.0	84.1	84.6	85.7
1979	89.0	85.8	86.8	87.7	88.2	88.4	89.6	89.8	90.1	89.7	90.0	90.8	91.0
1980	93.5	92.1	93.0	94.7	93.9	93.7	94.0	94.6	94.1	93.4	92.0	92.7	94.2
1981	95.6	95.3	94.6	94.3	93.4	94.0	96.9	96.7	96.9	96.3	96.2	95.8	96.2
1982		96.5	96.8										

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	231.55	226.38	225.79	224.07	229.88	231.21	231.17	229.96	229.63	233.32	239.47	237.55	243.18
1978	259.35	246.02	247.27	250.51	253.87	248.71	253.87	259.11	261.97	268.62	271.55	269.00	276.71
1979	295.77	275.32	282.58	284.71	290.07	286.56	296.56	298.50	298.19	304.56	306.09	308.85	319.59
1980	325.80	315.93	319.90	322.65	321.05	323.90	327.49	321.70	325.70	330.22	330.66	330.85	343.73
1981	350.49	347.31	346.32	348.20	345.15	342.38	346.99	345.32	350.24	353.99	352.42	360.99	363.94
1982		362.45	363.33										

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	6.03	5.88	5.88	5.82	5.94	5.99	6.02	6.02	5.98	6.14	6.22	6.17	6.30
1978	6.65	6.39	6.49	6.49	6.56	6.46	6.56	6.61	6.70	6.67	6.84	6.81	6.97
1979	7.45	6.97	7.10	7.10	7.27	7.20	7.47	7.50	7.53	7.73	7.71	7.76	8.05
1980	8.29	8.08	8.14	8.21	8.19	8.20	8.27	8.27	8.33	8.35	8.35	8.44	8.68
1981	9.01	8.86	8.88	8.86	8.85	8.87	8.92	8.90	9.05	9.10	9.13	9.28	9.38
1982		9.39	9.34										

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	38.4	38.5	38.4	38.5	38.7	38.6	38.4	38.2	38.4	38.0	38.5	38.5	38.6
1978	39.0	38.5	38.1	38.6	38.7	38.5	38.7	39.2	39.1	39.1	39.7	39.5	39.7
1979	39.7	39.5	39.8	40.1	39.9	39.8	39.7	39.8	39.6	39.4	39.7	39.8	39.7
1980	39.3	39.1	39.3	39.3	39.2	39.5	39.6	38.9	39.1	39.5	39.6	39.2	39.6
1981	38.9	39.2	39.0	39.3	39.0	38.6	38.9	38.8	38.7	38.9	38.6	38.9	38.8
1982		38.6	38.9										

SIC 517—PETROLEUM AND PETROLEUM PRODUCTS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	229.7	231.6	231.5	230.4	227.4	229.9	230.4	229.9	230.6	228.9	227.7	228.3	230.2
1978	229.4	229.2	228.5	228.2	227.8	228.5	232.6	232.3	232.0	229.5	226.5	227.8	229.9
1979	225.4	232.5	231.3	230.0	228.1	228.6	227.2	224.3	221.4	220.0	219.9	220.6	221.2
1980	223.9	220.3	218.0	217.2	219.6	223.1	225.6	227.4	227.6	225.0	225.8	227.7	229.4
1981	233.4	230.8	232.0	232.3	233.9	233.9	234.8	235.6	235.3	233.8	233.2	232.5	233.1
1982		232.1	231.1										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	44.0	43.7	42.9	43.5	43.4	43.8	44.2	44.0	44.7	44.5	44.1	44.4	44.6
1978	47.1	45.1	45.0	45.5	45.7	46.1	47.3	48.0	48.6	48.3	48.0	48.5	49.0
1979	48.8	49.1	48.8	48.7	48.3	48.7	49.6	49.5	49.1	48.2	48.6	48.7	48.8
1980	51.8	48.9	49.5	49.6	49.8	50.9	51.8	53.3	53.1	52.4	53.2	53.9	54.6
1981	54.7	53.4	53.6	54.0	54.2	54.0	54.8	55.6	55.3	55.3	55.2	55.7	55.5
1982		55.4	55.0										

See footnotes at end of tables.

SIC 517—PETROLEUM AND PETROLEUM PRODUCTS (Con.)

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	180.7	182.4	182.5	181.7	179.6	181.8	181.9	181.1	180.5	179.4	178.0	178.1	179.9
1978	176.3	178.9	178.1	177.4	176.9	177.2	180.5	178.1	177.9	174.8	173.1	173.9	173.3
1979	166.5	174.7	173.6	171.0	168.7	169.0	167.7	164.7	162.9	161.0	160.5	161.2	162.2
1980	162.7	160.7	159.3	158.0	161.2	163.4	165.6	166.4	166.1	164.1	164.8	166.1	167.6
1981	175.4	172.7	173.3	173.9	175.6	176.1	177.3	178.1	177.3	175.6	175.5	174.9	175.1
1982		173.8	173.5										

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	241.47	236.19	236.38	235.13	234.91	237.23	239.68	241.35	242.70	242.19	245.39	247.20	252.10
1978	270.16	266.71	257.51	258.73	259.77	257.61	261.62	275.02	274.42	280.85	284.07	287.17	291.40
1979	305.59	293.27	293.88	297.31	304.10	301.11	304.00	306.09	304.42	310.08	313.03	317.96	323.40
1980	340.42	339.86	338.04	342.50	347.04	34[illegible]	342.29	341.70	333.43	335.75	339.92	343.14	345.33
1981	361.79	359.79	352.43	354.60	358.00	354.84	349.55	363.89	362.84	370.10	364.59	367.49	376.00
1982		386.72	380.49										

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	6.16	6.03	6.03	6.06	6.07	6.13	6.13	6.14	6.15	6.21	6.26	6.29	6.35
1978	6.64	6.45	6.47	6.55	6.61	6.63	6.64	6.91	6.96	7.11	7.17	7.27	7.34
1979	7.70	7.35	7.44	7.47	7.66	7.56	7.60	7.72	7.68	7.87	7.87	8.03	8.05
1980	8.52	8.33	8.43	8.52	8.59	8.56	8.66	8.62	8.42	8.58	8.62	8.60	8.59
1981	9.09	8.84	8.86	9.00	8.95	9.03	8.94	9.10	9.13	9.28	9.21	9.26	9.40
1982		9.62	9.56										

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	39.2	39.5	39.2	38.8	38.7	39.7	39.7	39.1	39.2	39.0	39.2	39.1	39.1
1978	39.5	39.8	39.4	39.5	39.3	38.9	39.4	39.6	39.6	39.5	39.4	39.6	39.6
1979	39.7	39.9	39.5	39.6	39.1	39.7	40.0	39.7	39.6	39.6	39.6	39.7	39.6
1980	40.0	41.8	40.1	40.0	40.4	40.0	39.8	40.0	39.9	39.7	39.7	39.6	40.0
1981	39.8	40.7	39.8	39.4	40.0	39.1	39.1	39.3	39.2	39.3	39.1	39.1	39.6
1982		40.2	39.8										

SIC 518—BEER, WINE, AND DISTILLED BEVERAGES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	123.6	120.7	119.8	120.4	122.7	123.9	124.9	126.2	127.3	124.5	126.1	126.5	128.0
1978	129.4	125.4	125.5	126.9	126.6	128.1	130.1	130.7	131.4	130.9	132.1	132.9	133.2
1979	135.1	130.4	130.5	130.9	132.4	133.1	136.7	136.4	136.4	136.4	136.1	136.3	136.3
1980	136.2	134.6	135.0	136.2	135.0	136.0	136.0	140.5	140.0	140.0	139.1	140.0	141.0
1981	142.1	138.7	139.2	139.7	141.1	141.2	143.4	145.1	145.1	145.1	145.1	147.6	147.9
1982		143.2	142.1										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	18.3	18.2	18.0	18.0	18.1	18.0	18.1	18.1	18.4	18.0	18.0	18.0	18.3
1978	19.2	18.9	18.7	19.0	19.0	18.9	19.1	19.1	19.1	19.0	19.1	19.1	19.1
1979	20.4	19.6	19.7	19.7	20.1	20.0	20.3	20.1	20.1	20.1	20.0	20.0	20.1
1980	21.2	21.1	20.9	21.1	20.7	20.9	21.0	21.0	21.0	21.0	21.0	21.0	21.0
1981	22.1	21.9	21.9	22.1	22.0	22.0	22.0	22.2	22.2	22.2	21.9	22.1	22.1
1982		22.1	22.1										

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	104.9	101.9	100.9	101.3	102.7	102.7	104.5	107.0	106.1	105.6	105.5	106.8	109.6
1978	109.9	106.1	106.1	107.0	107.2	108.4	111.2	112.9	112.0	111.3	110.9	112.2	113.7
1979	114.8	110.6	110.4	111.0	112.0	113.4	116.3	117.4	117.5	116.1	116.2	117.7	116.6
1980	116.2	114.2	113.5	114.1	113.8	114.6	117.1	118.4	118.4	116.6	116.7	117.6	119.0
1981	118.9	115.7	116.0	116.5	118.0	118.1	120.5	122.0	121.6	120.4	118.1	119.4	120.2
1982		118.0	118.2										

SIC 518—BEER, WINE, AND DISTILLED BEVERAGES (Con.)

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	240.92	225.38	226.26	228.38	229.79	229.03	242.10	245.69	244.25	245.61	248.58	249.54	254.40
1978	262.09	245.72	242.03	250.80	260.30	258.43	264.60	268.95	267.47	268.44	262.63	271.03	280.03
1979	294.91	270.05	262.63	269.40	275.07	271.23	279.00	277.14	274.51	279.41	272.99	277.95	282.08
1980	298.29	283.89	279.48	284.51	287.15	283.88	300.20	305.51	307.35	298.69	302.25	311.24	312.12
1981	328.93	309.52	304.43	312.06	324.33	325.68	333.79	337.27	333.07	332.43	335.42	339.44	350.82
1982		334.49	331.62										

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	6.38	6.01	6.01	5.97	6.01	6.01	6.09	6.07	6.07	6.42	6.38	6.41	6.44
1978	6.96	6.57	6.42	6.60	6.65	6.62	7.00	7.04	7.04	7.26	7.26	7.33	7.38
1979	7.41	7.14	7.08	7.23	7.26	7.33	7.46	7.45	7.41	7.63	7.55	7.61	7.61
1980	8.04	7.84	7.58	7.69	7.74	7.70	8.07	8.13	8.24	8.03	8.07	8.08	8.07
1981	8.65	8.49	8.25	8.44	8.39	8.45	8.67	8.67	8.62	8.66	8.72	8.73	8.85
1982		9.22	9.08										

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	38.5	37.5	37.5	38.3	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
1978	37.8	37.4	37.1	37.8	37.6	37.4	37.8	37.8	37.7	37.6	37.5	37.6	37.6
1979	37.1	37.1	37.1	37.4	37.1	36.5	37.4	37.2	37.0	37.1	37.0	37.1	37.1
1980	36.1	36.2	36.8	37.1	36.5	36.7	37.1	36.9	36.8	36.9	36.8	36.9	36.9
1981	36.1	36.4	36.8	37.1	36.5	36.7	37.1	36.9	36.8	36.9	36.8	36.9	36.9
1982		36.1	36.0										

SIC 519—MISCELLANEOUS NONDURABLE GOODS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	353.8	338.8	340.1	345.1	349.9	350.1	352.8	354.1	354.1	352.8	352.7	356.2	356.1
1978	355.1	353.1	351.7	351.8	357.1	357.1	359.4	359.1	361.4	359.1	359.1	361.4	362.1
1979	361.1	354.2	354.6	360.4	364.1	365.6	368.1	367.1	363.4	365.1	365.1	365.1	364.1
1980	365.4	360.1	359.1	361.1	362.1	362.1	362.1	362.1	362.1	362.1	362.1	362.1	362.1
1981	361.4	360.1	359.1	360.1	362.1	362.1	362.1	362.1	362.1	362.1	362.1	362.1	362.1
1982		360.1	360.1										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	99.1	94.6	94.6	96.3	97.1	97.1	98.1	98.1	98.1	98.1	100.1	100.1	100.1
1978	98.1	97.1	97.1	97.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
1979	98.1	96.1	96.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
1980	98.1	96.1	96.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
1981	98.1	96.1	96.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
1982		96.1	96.1										

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	295.1	276.5	278.9	282.8	288.1	288.8	290.9	292.5	292.5	291.2	291.2	295.1	294.1
1978	294.4	292.1	294.1	294.1	296.1	296.1	298.1	298.1	300.1	298.1	298.1	300.1	300.1
1979	300.1	298.1	298.1	300.1	302.1	302.1	304.1	304.1	300.1	302.1	302.1	302.1	302.1
1980	302.1	300.1	300.1	302.1	302.1	302.1	302.1	302.1	302.1	302.1	302.1	302.1	302.1
1981	302.1	300.1	300.1	302.1	302.1	302.1	302.1	302.1	302.1	302.1	302.1	302.1	302.1
1982		300.1	300.1										

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	170.31	162.56	165.34	166.12	167.42	168.02	169.61	172.03	171.58	173.61	175.34	175.10	177.01
1978	183.44	175.41	177.00	178.42	179.55	180.31	181.64	182.57	181.61	188.44	190.58	191.08	194.91
1979	200.41	190.88	192.75	196.48	197.36	199.43	199.01	200.79	202.02	204.66	204.17	204.55	206.68
1980	219.46	209.03	211.28	213.74	216.43	219.25	219.07	220.23	220.80	222.92	226.59	228.19	230.58
1981	237.46	229.67	230.51	231.87	235.60	234.78	236.16	239.94	239.23	241.08	244.21	244.48	245.81
1982		243.29	248.25										

SIC 519—MISCELLANEOUS NONDURABLE GOODS (Con.)

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	4.47	4.37	4.39	4.36	4.36	4.41	4.43	4.47	4.48	4.55	4.59	4.62	4.65
1978	4.68	4.69	4.72	4.72	4.75	4.77	4.78	4.83	4.83	4.92	4.95	5.00	5.08
1979	5.05	5.09	5.14	5.13	5.18	5.18	5.21	5.27	5.28	5.40	5.35	5.39	5.48
1980	5.53	5.53	5.56	5.61	5.65	5.68	5.69	5.75	5.78	5.82	5.84	5.89	5.95
1981	6.00	6.00	6.05	6.07	6.12	6.13	6.15	6.20	6.23	6.31	6.36	6.40	6.42
1982		6.54	6.55										

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	38.1	37.2	37.8	38.1	38.4	38.1	38.3	38.5	38.3	38.2	38.2	37.9	38.1
1978	37.9	37.4	37.5	37.8	37.8	37.8	38.0	37.8	37.6	38.3	38.5	38.2	38.3
1979	38.1	37.1	37.5	38.3	38.1	38.5	38.2	38.1	38.3	37.9	38.2	38.0	38.3
1980	38.3	37.8	38.0	38.1	38.3	38.6	38.5	38.3	38.2	38.3	38.8	38.5	38.5
1981	38.3	38.1	38.1	38.2	38.5	38.3	38.4	38.7	38.4	38.2	38.4	38.2	38.3
1982		37.1	37.9										

SIC 52-59—RETAIL TRADE

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	13,808	13,257	13,118	13,284	13,539	13,716	13,839	13,805	13,871	14,024	14,061	14,338	14,803
1978	14,573	14,073	13,877	14,026	14,297	14,499	14,640	14,612	14,657	14,774	14,816	15,094	15,509
1979	14,866	14,758	14,556	14,674	14,853	14,972	15,014	14,888	14,923	15,042	15,102	15,358	15,778
1980	15,038	14,927	14,737	14,800	14,995	14,995	15,032	14,949	15,009	15,082	15,066	15,275	15,658
1981	15,192	14,990	14,774	14,788	15,032	15,169	15,274	15,209	15,262	15,343	15,331	15,485	15,798
1982		15,103	14,955										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	6,615	6,266	6,249	6,328	6,450	6,553	6,593	6,566	6,612	6,721	6,756	6,950	7,281
1978	7,044	6,779	6,638	6,709	6,854	6,970	7,028	7,013	7,060	7,163	7,204	7,411	7,704
1979	7,378	7,200	7,064	7,127	7,262	7,340	7,356	7,292	7,331	7,423	7,487	7,682	7,964
1980	7,469	7,410	7,290	7,315	7,372	7,440	7,480	7,395	7,440	7,520	7,516	7,699	7,970
1981	7,565	7,471	7,336	7,339	7,446	7,516	7,585	7,549	7,594	7,685	7,638	7,835	8,086
1982		7,607	7,517										

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	12,438	11,971	11,793	11,949	12,189	12,357	12,468	12,432	12,487	12,623	12,665	12,935	13,392
1978	13,125	12,664	12,473	12,617	12,869	13,060	13,178	13,147	13,190	13,302	13,340	13,615	14,024
1979	13,474	13,279	13,060	13,240	13,344	13,453	13,488	13,367	13,402	13,504	13,574	13,826	14,192
1980	13,500	13,402	13,229	13,279	13,366	13,465	13,488	13,404	13,462	13,534	13,526	13,735	14,107
1981	13,600	13,456	13,266	13,211	13,430	13,541	13,644	13,601	13,657	13,745	13,746	13,893	14,204
1982		13,520	13,361										

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	121.66	116.01	117.94	118.63	118.94	120.33	122.50	125.45	124.74	122.85	123.09	122.53	124.90
1978	130.20	124.03	124.64	126.59	127.82	128.58	130.94	134.40	133.56	131.63	132.13	131.89	134.90
1979	138.61	133.95	134.66	134.74	137.70	136.50	139.50	142.38	142.24	140.61	139.54	140.45	142.91
1980	147.38	142.44	142.44	143.82	142.56	144.12	147.14	150.61	151.41	149.89	149.90	150.60	152.20
1981	158.03	152.25	153.62	154.96	156.60	156.08	158.17	161.92	162.23	162.17	157.64	158.54	160.89
1982		157.47	162.35										

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	3.85	3.75	3.78	3.79	3.80	3.82	3.84	3.86	3.85	3.90	3.92	3.94	3.94
1978	4.20	4.10	4.10	4.11	4.15	4.16	4.17	4.20	4.20	4.26	4.29	4.31	4.31
1979	4.53	4.48	4.47	4.48	4.50	4.49	4.50	4.52	4.53	4.58	4.59	4.62	4.61
1980	4.88	4.79	4.78	4.81	4.80	4.82	4.84	4.89	4.90	4.95	4.98	5.02	4.99
1981	5.26	5.17	5.15	5.20	5.22	5.22	5.22	5.24	5.25	5.37	5.29	5.32	5.31
1982		5.43	5.42										

SIC 52-59—RETAIL TRADE (Con.)

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	31.6	31.0	31.2	31.3	31.3	31.5	31.9	32.5	32.4	31.5	31.4	31.1	31.7
1978	31.0	30.3	30.4	30.8	30.8	30.9	31.4	32.0	31.8	30.9	30.8	30.6	31.3
1979	30.6	29.9	30.1	30.3	30.6	30.4	31.0	31.5	31.4	30.7	30.4	30.4	31.0
1980	30.2	29.8	29.8	29.9	29.7	29.9	30.4	30.8	30.9	30.2	30.1	30.0	30.5
1981	30.1	29.5	29.6	29.8	30.0	29.9	30.3	30.9	30.9	30.2	29.8	29.8	30.3
1982		29.0	29.4										

SIC 52—BUILDING MATERIALS AND GARDEN SUPPLIES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	575.8	533.5	531.4	546.5	564.0	578.4	594.1	594.8	594.0	591.1	590.1	593.9	597.4
1978	608.1	575.8	572.5	583.0	600.2	609.7	623.0	623.7	623.2	618.8	620.5	622.9	624.3
1979	629.2	600.1	599.8	613.6	626.6	637.8	645.6	643.0	637.9	633.9	637.6	637.3	637.2
1980	617.4	613.2	610.1	616.6	622.5	628.9	625.7	617.8	614.2	612.7	614.3	616.2	616.8
1981	607.2	593.9	587.0	597.6	615.3	625.3	623.5	618.8	613.1	608.9	607.6	599.5	596.4
1982		570.9	566.2										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	136.1	125.9	126.9	130.4	133.2	137.1	138.3	137.3	137.7	138.8	139.6	141.7	145.8
1978	146.8	138.5	139.2	141.9	145.6	146.4	146.5	146.2	148.0	148.6	150.9	153.6	156.4
1979	156.3	148.7	150.6	153.2	156.8	157.9	156.3	155.1	154.0	156.4	160.2	162.8	163.9
1980	160.7	157.7	156.8	160.3	163.9	165.9	162.8	158.4	157.4	158.9	159.3	160.8	164.1
1981	160.9	155.9	156.0	159.4	165.4	166.8	164.2	161.7	159.6	160.1	161.3	160.2	160.5
1982		152.8	152.3										

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	490.5	451.2	449.3	464.3	480.7	494.1	507.7	508.7	508.0	503.9	502.7	506.4	509.1
1978	519.0	487.6	484.2	495.2	511.6	520.8	533.9	533.7	533.5	529.4	531.1	532.4	534.1
1979	535.9	511.4	509.7	523.1	534.4	545.5	550.2	547.0	542.2	537.4	543.0	543.7	543.3
1980	521.9	518.3	515.4	520.9	526.1	532.3	529.4	522.6	519.6	516.8	518.9	521.0	521.7
1981	512.0	498.2	491.9	502.6	519.9	529.9	528.1	523.1	518.0	513.2	511.7	504.7	502.9
1982		477.8	473.4										

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	163.78	152.44	156.46	158.00	159.98	160.78	164.86	169.69	168.30	167.90	167.83	166.06	166.88
1978	175.68	162.71	163.60	166.79	170.17	172.58	178.64	181.58	183.22	183.16	181.92	181.61	181.13
1979	186.38	177.26	178.23	181.76	181.54	182.77	187.83	190.85	192.89	192.51	190.23	188.70	190.98
1980	195.94	187.31	188.55	189.80	189.80	191.57	195.83	198.75	199.56	201.26	201.28	202.58	202.58
1981	209.76	201.66	202.02	204.42	206.08	207.16	210.36	213.38	216.00	214.97	213.23	213.89	214.70
1982		206.50	209.56										

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	4.31	4.12	4.15	4.18	4.21	4.22	4.26	4.34	4.36	4.43	4.44	4.44	4.45
1978	4.66	4.47	4.47	4.52	4.55	4.59	4.64	4.68	4.71	4.82	4.80	4.83	4.83
1979	4.97	4.83	4.83	4.86	4.88	4.90	4.93	4.97	5.01	5.12	5.10	5.10	5.12
1980	5.31	5.16	5.18	5.20	5.20	5.22	5.25	5.30	5.35	5.41	5.44	5.49	5.49
1981	5.70	5.54	5.55	5.57	5.60	5.66	5.67	5.69	5.76	5.81	5.81	5.86	5.85
1982		5.90	5.87										

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	38.0	37.0	37.7	37.8	38.0	38.1	38.7	39.1	38.6	37.9	37.8	37.4	37.5
1978	37.7	36.6	36.6	36.9	37.4	37.6	38.5	38.8	38.9	38.0	37.9	37.6	37.5
1979	37.5	36.7	36.9	37.4	37.2	37.3	38.1	38.4	38.5	37.6	37.3	37.0	37.3
1980	36.9	36.3	36.4	36.5	36.5	36.7	37.3	37.5	37.3	37.2	37.0	36.9	36.9
1981	36.8	36.4	36.4	36.7	36.8	36.6	[illegible]	37.5	37.5	37.0	36.7	36.5	36.7
1982		35.0	35.7										

See footnotes at end of tables.

SIC 521—LUMBER AND OTHER BUILDING MATERIALS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	302.1	279.4	277.1	282.8	290.6	298.6	309.3	313.5	314.4	314.5	314.7	316.3	314.3
1978	325.5	307.6	305.7	308.6	317.7	323.8	334.1	337.1	338.5	334.3	333.7	333.3	331.0
1979	337.5	323.4	320.9	325.4	337.5	339.0	347.8	349.8	348.0	343.1	343.5	340.0	336.6
1980	325.3	330.4	325.6	324.6	322.1	323.0	326.5	326.8	326.5	324.7	325.9	326.2	321.6
1981	316.9	313.1	308.8	309.4	315.8	322.9	326.3	325.0	324.3	320.2	317.6	312.4	307.8
1982		297.9	293.3										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	52.3	48.4	48.2	48.5	49.2	50.7	52.5	52.8	53.3	55.2	55.5	56.7	56.5
1978	58.9	55.7	55.7	55.9	56.9	57.6	59.0	59.6	61.1	60.7	60.7	61.5	61.6
1979	62.9	60.1	59.6	60.5	61.8	63.0	63.9	64.2	63.7	63.8	64.5	64.8	64.6
1980	64.2	64.4	63.8	63.5	63.3	64.2	64.3	64.1	64.3	64.4	64.4	65.1	65.1
1981	64.3	63.3	63.1	62.9	64.2	65.3	66.0	65.2	64.6	64.6	64.6	64.3	63.8
1982		61.7	60.9										

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	258.2	236.6	234.3	239.8	247.3	255.1	265.1	270.0	270.5	269.6	269.6	271.2	268.9
1978	279.9	262.7	260.6	264.1	272.4	278.9	288.8	291.3	292.6	288.4	287.8	287.0	284.6
1979	288.0	277.1	274.1	278.4	284.4	289.9	296.6	298.1	296.0	290.6	293.0	290.1	287.0
1980	275.2	280.0	275.5	274.0	271.8	272.6	276.2	276.8	276.7	274.7	276.1	276.2	271.4
1981	267.4	262.8	258.8	259.4	266.3	273.2	276.4	275.3	274.7	271.0	268.7	263.6	258.6
1982		249.1	245.0										

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	182.40	166.99	172.53	175.43	178.75	180.90	186.18	188.70	188.90	187.73	188.07	185.72	185.50
1978	195.32	178.42	179.92	185.08	189.43	192.37	198.86	202.13	203.77	202.00	201.60	202.29	201.17
1979	205.60	194.54	196.16	201.06	201.10	203.30	207.83	209.56	211.70	212.79	211.58	210.26	210.75
1980	215.73	205.67	206.75	209.21	209.44	212.85	217.33	219.13	220.52	221.52	222.69	222.53	223.10
1981	229.67	221.37	221.18	225.79	228.92	228.51	230.49	234.04	235.59	234.30	233.47	232.03	232.18
1982		221.43	225.20										

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.56	4.36	4.39	4.43	4.48	4.50	4.53	4.58	4.63	4.67	4.66	4.69	4.72
1978	4.92	4.72	4.71	4.77	4.82	4.87	4.91	4.93	4.97	5.05	5.04	5.07	5.08
1979	5.21	5.04	5.03	5.09	5.13	5.16	5.17	5.20	5.24	5.36	5.37	5.35	5.39
1980	5.56	5.37	5.37	5.42	5.44	5.50	5.53	5.59	5.64	5.68	5.71	5.75	5.75
1981	5.95	5.78	5.79	5.83	5.90	5.92	5.91	5.94	6.01	6.07	6.08	6.09	6.11
1982		6.10	6.07										

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	40.0	38.3	39.3	39.6	39.9	40.2	41.1	41.2	40.8	40.2	40.1	39.6	39.3
1978	39.7	37.8	38.2	38.6	39.3	39.5	40.5	41.0	41.0	40.0	40.0	39.9	39.6
1979	39.5	38.6	38.4	39.5	39.2	39.4	40.2	40.3	40.4	39.7	39.4	39.3	39.1
1980	38.8	38.3	38.5	38.6	38.5	38.7	39.3	39.2	39.1	39.0	39.0	38.7	38.8
1981	38.6	38.1	38.2	38.9	38.8	38.6	39.0	39.4	39.2	38.6	38.4	38.1	38.0
1982		36.3	37.1										

SIC 525—HARDWARE STORES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	137.7	133.6	132.5	134.0	135.6	137.6	138.7	138.4	138.9	137.8	138.9	141.4	145.2
1978	142.8	140.1	137.9	138.3	139.9	141.4	144.5	144.9	143.3	142.3	143.9	146.7	150.8
1979	147.8	144.6	144.1	145.0	146.1	148.3	150.2	148.8	147.5	146.9	149.1	150.9	152.5
1980	149.6	148.7	147.0	148.3	149.1	150.1	150.4	149.7	149.1	148.9	149.1	150.9	154.2
1981	149.4	149.0	145.7	147.2	147.8	150.0	151.5	152.2	150.0	149.9	149.6	149.4	150.7
1982		145.4	144.1										

See footnotes at end of tables.

SIC 525—HARDWARE STORES (Con.)

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	46.2	44.2	44.1	44.2	44.4	46.2	46.4	46.2	46.5	46.2	47.3	48.0	50.4
1978	49.1	47.2	46.7	46.8	47.4	48.0	49.1	49.1	49.0	49.2	50.1	52.0	54.5
1979	53.1	51.6	51.2	51.1	51.7	52.5	53.0	53.1	53.1	53.2	54.7	55.8	56.6
1980	54.9	55.1	54.3	54.1	54.6	54.5	54.5	54.5	54.6	54.6	54.6	55.6	57.4
1981	55.6	55.1	53.4	54.6	54.8	55.7	56.0	56.5	55.7	55.9	55.9	56.2	57.6
1982		54.9	54.3										

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	118.9	115.3	114.1	115.6	117.2	119.1	120.1	119.6	119.9	118.6	119.7	122.1	126.6
1978	122.3	119.9	118.7	118.3	119.7	120.7	123.9	124.0	122.4	121.8	123.3	126.7	129.3
1979	127.7	125.2	123.4	124.6	125.2	128.0	130.0	128.7	127.5	126.8	129.3	131.3	132.7
1980	128.2	127.5	126.1	126.8	127.3	128.9	129.0	128.3	127.5	127.1	127.5	129.2	133.0
1981	127.4	126.6	125.1	125.2	126.0	128.1	129.7	129.9	126.1	127.4	127.3	127.4	128.7
1982		123.7	122.6										

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	128.52	124.56	126.00	125.66	128.88	126.02	129.96	131.75	131.04	129.56	129.20	129.18	132.85
1978	136.46	132.35	130.88	132.68	134.75	135.37	137.98	139.87	137.35	137.71	136.46	137.97	141.64
1979	145.95	139.10	142.21	143.90	144.16	143.31	145.59	149.39	150.23	146.50	146.26	147.74	152.42
1980	156.71	149.49	152.85	152.39	153.64	154.56	157.54	159.38	160.43	159.87	158.56	159.30	162.14
1981	171.20	162.85	165.66	164.67	167.15	169.85	171.86	174.38	175.58	174.24	173.23	175.06	178.71
1982		174.57	176.74										

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.59	3.46	3.50	3.51	3.60	3.57	3.59	3.59	3.61	3.65	3.66	3.67	3.67
1978	3.91	3.76	3.75	3.78	3.85	3.89	3.92	3.94	3.88	3.98	3.99	4.07	4.07
1979	4.28	4.14	4.22	4.22	4.24	4.24	4.22	4.22	4.28	4.36	4.38	4.41	4.45
1980	4.65	4.53	4.59	4.59	4.60	4.60	4.62	4.58	4.65	4.73	4.72	4.77	4.80
1981	5.05	4.92	4.96	4.96	4.96	5.07	5.04	5.04	5.06	5.08	5.11	5.18	5.18
1982		5.29	5.26										

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	35.8	36.0	36.0	35.6	35.8	35.3	36.2	36.7	36.3	35.5	35.3	35.2	36.2
1978	34.9	35.2	34.9	35.1	35.0	34.8	35.2	35.5	35.4	34.6	34.2	33.9	34.3
1979	34.1	33.6	33.7	34.1	34.0	33.8	34.5	35.4	35.1	33.6	33.4	33.5	34.4
1980	33.7	33.0	33.3	33.2	33.4	33.6	34.1	34.8	34.5	33.8	33.6	33.4	33.6
1981	33.9	33.1	33.4	33.2	33.7	33.5	34.1	34.6	34.7	34.3	33.9	33.8	34.1
1982		33.0	33.6										

SIC 53—GENERAL MERCHANDISE STORES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	2,204.3	2,211.4	2,084.4	2,101.6	2,116.2	2,131.1	2,140.6	2,125.6	2,122.7	2,174.1	2,234.0	2,402.7	2,607.1
1978	2,307.8	2,338.1	2,193.6	2,192.4	2,216.8	2,238.0	2,262.8	2,259.4	2,254.3	2,291.9	2,332.1	2,460.2	2,659.6
1979	2,287.4	2,386.9	2,222.5	2,201.5	2,211.6	2,215.1	2,214.6	2,204.0	2,205.6	2,255.7	2,293.3	2,441.0	2,566.6
1980	2,244.6	2,366.6	2,222.2	2,203.6	2,190.6	2,177.9	2,177.9	2,164.1	2,157.2	2,173.3	2,219.4	2,346.7	2,525.6
1981	2,239.2	2,277.6	2,162.1	2,141.4	2,160.3	2,179.6	2,190.2	2,195.5	2,210.8	2,222.7	2,262.2	2,356.1	2,511.9
1982		2,311.0	2,191.8										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	1,510.8	1,538.3	1,443.4	1,449.1	1,453.1	1,461.7	1,462.8	1,450.0	1,444.9	1,477.8	1,516.2	1,636.8	1,795.7
1978	1,560.3	1,591.5	1,487.5	1,481.0	1,493.6	1,505.2	1,519.2	1,513.1	1,516.4	1,551.9	1,577.3	1,671.3	1,805.9
1979	1,541.9	1,616.7	1,498.5	1,484.0	1,490.4	1,491.1	1,485.4	1,475.8	1,476.7	1,514.7	1,543.3	1,654.5	1,771.2
1980	1,519.7	1,599.6	1,498.9	1,486.4	1,480.3	1,472.3	1,472.4	1,460.0	1,456.3	1,470.9	1,504.4	1,595.4	1,739.9
1981	1,471.8	1,548.8	1,441.7	1,408.2	1,404.8	1,400.5	1,413.0	1,422.5	1,438.3	1,454.9	1,487.6	1,561.2	1,680.5
1982		1,544.4	1,465.8										

SIC 53—GENERAL MERCHANDISE STORES (Con.)

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	2,036.9	2,042.1	1,917.2	1,934.5	1,949.9	1,966.2	1,973.9	1,960.1	1,957.7	2,007.8	2,066.3	2,230.4	2,437.2
1978	2,151.8	2,175.4	2,033.6	2,032.5	2,063.1	2,083.9	2,107.6	2,105.9	2,100.1	2,140.3	2,176.8	2,306.7	2,496.1
1979	2,132.6	2,232.9	2,068.9	2,047.9	2,058.5	2,059.8	2,059.7	2,050.3	2,051.8	2,101.8	2,138.0	2,284.5	2,437.6
1980	2,089.6	2,207.3	2,067.1	2,048.3	2,037.1	2,026.4	2,026.3	2,009.7	2,002.6	2,019.2	2,064.2	2,189.7	2,377.0
1981	2,035.5	2,125.8	1,984.1	1,943.2	1,943.0	1,941.7	1,962.0	1,977.0	1,999.4	2,017.3	2,061.6	2,157.3	2,313.6
1982		2,127.5	2,017.1										

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977*	110.93	100.25	105.90	108.49	108.19	110.26	112.72	116.25	115.50	113.78	113.40	109.88	115.18
1978	118.67	112.31	112.35	116.22	117.09	117.79	120.80	123.93	123.11	119.02	119.19	117.91	124.12
1979	125.21	122.04	120.96	125.57	126.00	127.60	130.80	134.33	133.62	131.57	130.98	130.39	134.72
1980	139.76	134.81	133.01	136.88	136.04	138.62	141.41	145.31	144.30	142.49	141.52	139.87	143.82
1981	150.38	142.63	142.57	145.80	149.43	148.63	151.04	154.80	154.28	161.80	150.28	149.41	157.42
1982		147.92	149.29										

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977*	3.71	3.53	3.69	3.69	3.68	3.70	3.72	3.75	3.75	3.78	3.78	3.75	3.68
1978	4.05	4.04	3.97	3.98	4.01	4.02	4.04	4.09	4.09	4.09	4.11	4.08	4.03
1979	4.38	4.39	4.32	4.33	4.33	4.37	4.36	4.39	4.41	4.43	4.44	4.42	4.36
1980	4.77	4.73	4.70	4.72	4.74	4.78	4.81	4.86	4.81	4.82	4.83	4.79	4.70
1981	5.15	5.04	5.11	5.08	5.10	5.09	5.12	5.16	5.16	5.34	5.20	5.17	5.23
1982		5.34	5.37										

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	29.9	28.4	28.7	29.4	29.4	29.8	30.3	31.0	30.8	30.1	30.0	29.3	31.3
1978	29.3	27.8	28.3	29.2	29.2	29.3	29.9	30.3	30.1	29.1	29.0	28.9	30.8
1979	29.5	27.8	28.0	29.0	29.1	29.2	30.0	30.6	30.3	29.7	29.5	29.5	30.9
1980	29.3	28.5	28.3	29.0	28.7	29.0	29.4	29.9	30.0	29.5	29.3	29.2	30.6
1981	29.2	28.3	27.9	28.7	29.3	29.2	29.5	30.0	29.9	30.3	28.9	28.9	30.1
1982		27.7	27.8										

SIC 531—DEPARTMENT STORES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	1,785.7	1,784.4	1,682.9	1,694.0	1,704.0	1,715.4	1,723.3	1,715.4	1,715.0	1,764.7	1,823.3	1,966.0	2,139.4
1978	1,889.5	1,921.6	1,796.5	1,793.0	1,817.4	1,828.3	1,849.1	1,848.7	1,840.8	1,872.4	1,908.1	2,017.3	2,180.1
1979	1,878.1	1,962.3	1,819.6	1,800.2	1,807.3	1,810.6	1,807.3	1,802.7	1,802.6	1,850.9	1,891.6	2,023.2	2,158.8
1980	1,871.1	1,976.3	1,855.6	1,838.3	1,822.9	1,806.3	1,807.7	1,795.9	1,789.2	1,806.1	1,853.7	1,969.7	2,131.1
1981	1,881.2	1,921.3	1,823.6	1,801.5	1,812.1	1,826.3	1,834.3	1,838.6	1,851.9	1,863.0	1,900.9	1,983.9	2,116.4
1982		1,953.8	1,844.4										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	1,200.5	1,220.7	1,143.1	1,146.4	1,148.1	1,154.5	1,154.3	1,146.2	1,143.6	1,175.5	1,213.7	1,314.1	1,446.3
1978	1,252.4	1,283.3	1,192.2	1,185.7	1,197.6	1,203.8	1,214.5	1,212.0	1,212.7	1,241.7	1,267.1	1,349.0	1,468.6
1979	1,245.6	1,307.5	1,206.7	1,191.4	1,194.6	1,194.8	1,185.9	1,178.8	1,178.6	1,215.0	1,246.0	1,343.9	1,444.4
1980	1,245.9	1,313.0	1,229.6	1,219.3	1,210.9	1,200.2	1,201.4	1,191.2	1,186.8	1,202.2	1,237.1	1,319.0	1,439.5
1981	1,208.4	1,282.2	1,191.0	1,157.7	1,148.2	1,141.0	1,151.7	1,161.3	1,175.8	1,191.7	1,223.0	1,268.0	1,389.1
1982		1,283.0	1,211.9										

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	1,658.0	1,653.2	1,554.7	1,565.8	1,577.3	1,590.5	1,597.1	1,589.9	1,589.1	1,638.3	1,695.2	1,835.2	2,010.2
1978	1,772.7	1,798.8	1,676.0	1,671.5	1,701.9	1,713.4	1,733.0	1,733.8	1,725.7	1,759.4	1,753.1	1,903.7	2,062.4
1979	1,761.6	1,847.1	1,705.1	1,685.6	1,692.7	1,693.8	1,691.0	1,687.3	1,687.1	1,734.3	1,773.6	1,904.6	2,036.8
1980	1,753.3	1,854.4	1,737.7	1,719.1	1,706.4	1,691.3	1,692.7	1,680.0	1,672.8	1,689.6	1,736.0	1,850.3	2,009.4
1981	1,712.4	1,802.8	1,679.4	1,638.2	1,630.9	1,623.2	1,641.1	1,655.1	1,675.5	1,692.8	1,735.9	1,820.6	1,954.2
1982		1,804.7	1,703.5										

See footnotes at end of tables.

SIC 531—DEPARTMENT STORES (Con.)

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977*	116.01	104.14	110.97	114.46	113.78	115.92	118.26	121.83	121.04	118.90	118.55	114.95	120.26
1978	123.48	116.20	116.60	120.60	121.47	122.60	125.70	128.47	127.93	123.68	123.81	122.54	128.44
1979	134.23	125.48	125.44	130.21	130.50	132.73	136.65	139.84	139.38	136.92	136.29	134.95	139.22
1980	144.54	138.59	137.62	141.32	140.71	143.84	146.41	150.49	149.50	148.09	146.79	144.34	148.23
1981	155.64	146.92	146.53	150.44	154.18	153.36	155.53	159.67	159.13	167.81	155.19	154.08	162.00
1982		153.73	154.29										

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977*	3.88	3.68	3.88	3.88	3.87	3.89	3.89	3.91	3.93	3.95	3.94	3.91	3.83
1978	4.20	4.16	4.12	4.13	4.16	4.17	4.19	4.24	4.25	4.25	4.27	4.24	4.17
1979	4.55	4.53	4.48	4.49	4.50	4.53	4.54	4.57	4.60	4.61	4.62	4.59	4.52
1980	4.95	4.88	4.88	4.89	4.92	4.96	4.98	5.05	5.00	5.02	5.01	4.96	4.86
1981	5.33	5.21	5.29	5.26	5.28	5.27	5.29	5.34	5.34	5.52	5.37	5.35	5.40
1982		5.53	5.57										

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	29.9	28.3	28.6	29.5	29.4	29.8	30.4	31.0	30.8	30.1	30.1	29.4	31.4
1978	29.4	27.8	28.3	29.2	29.2	29.4	30.0	30.3	30.1	29.1	29.0	28.9	30.8
1979	29.5	27.7	28.0	29.0	29.0	29.3	30.1	30.6	30.3	29.7	29.5	29.4	30.8
1980	29.2	28.4	28.2	28.9	28.6	29.0	29.4	29.8	29.9	29.5	29.3	29.1	30.5
1981	29.2	28.2	27.7	28.6	29.2	29.1	29.4	29.9	29.8	30.4	28.9	28.8	30.0
1982		27.8	27.7										

SIC 533—VARIETY STORES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	287.4	291.5	275.3	280.8	285.1	287.4	286.4	281.0	278.3	279.6	279.8	301.4	322.1
1978	286.4	288.7	273.1	273.7	273.9	280.6	282.5	280.1	281.8	290.2	290.0	302.1	319.9
1979	276.4	287.7	272.8	271.7	276.1	275.0	273.6	269.0	270.2	271.1	271.6	283.4	294.8
1980	251.7	267.7	249.4	248.4	249.8	252.5	250.5	246.2	246.8	246.8	245.0	251.2	266.3
1981	232.4	237.8	223.7	224.1	230.1	232.0	230.8	228.6	230.2	231.3	232.3	237.2	250.1
1982		228.2	220.6										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	221.8	222.8	212.5	215.5	218.6	220.9	220.5	217.3	215.3	216.5	216.4	233.3	252.3
1978	221.8	222.8	212.9	212.5	213.3	216.6	218.4	216.1	218.1	225.4	223.6	233.7	248.4
1979	214.3	222.1	209.2	209.9	213.2	213.3	211.8	209.6	210.2	210.8	210.6	220.4	230.4
1980	192.8	205.1	191.6	189.3	191.3	192.7	191.3	188.9	188.7	188.7	187.3	192.5	206.1
1981	180.2	187.7	174.6	173.6	178.5	179.5	179.1	177.0	178.5	179.0	178.8	182.7	192.9
1982		175.7	169.9										

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	266.9	271.6	254.5	260.5	264.2	266.8	265.6	260.8	258.6	260.0	260.1	279.7	300.2
1978	266.3	268.1	253.0	254.5	254.8	260.9	262.3	260.5	261.8	270.4	268.8	281.4	299.3
1979	255.8	267.5	252.0	250.8	255.1	253.7	252.2	247.9	248.9	251.2	251.8	263.4	275.0
1980	232.2	247.3	229.2	229.0	230.6	233.7	231.4	226.1	227.1	227.2	225.8	231.7	246.7
1981	215.5	221.8	207.2	206.6	212.7	214.8	213.7	211.6	213.6	214.4	215.5	220.5	233.5
1982		212.1	205.1										

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	86.73	82.08	83.23	82.65	82.93	84.97	87.91	90.00	90.00	89.69	88.46	84.92	91.79
1978	97.92	96.72	92.02	94.95	95.28	95.81	98.55	100.84	101.82	97.19	97.13	97.63	106.26
1979	107.81	108.98	103.30	105.92	108.11	105.77	107.40	110.47	109.44	107.64	106.56	106.68	112.77
1980	114.85	116.18	108.38	114.17	113.48	114.17	116.92	118.40	116.19	114.17	113.00	112.13	118.18
1981	123.35	117.42	118.12	119.31	122.66	121.35	123.06	125.50	125.04	128.04	122.55	122.93	131.58
1982		113.84	110.02										

SIC 533—VARIETY STORES (Con.)

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept	Oct	Nov	Dec
1977	2.95	2.87	2.88	2.86	2.84	2.89	2.98	2.99	2.99	3.03	3.04	2.99	2.99
1978	3.40	3.53	3.31	3.32	3.32	3.35	3.41	3.43	3.44	3.41	3.42	3.39	3.45
1979	3.63	3.86	3.65	3.64	3.64	3.61	3.58	3.61	3.60	3.60	3.60	3.58	3.58
1980	3.88	4.02	3.75	3.87	3.86	3.91	3.95	3.96	3.86	3.87	3.87	3.84	3.80
1981	4.21	4.12	4.13	4.10	4.13	4.17	4.20	4.24	4.21	4.40	4.27	4.21	4.30
1982		4.17	4.23										

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept	Oct	Nov	Dec
1977	29.4	28.6	28.9	28.9	29.2	29.4	29.5	30.1	30.1	29.6	29.1	28.4	30.7
1978	28.8	27.4	27.8	28.6	28.7	28.6	28.9	29.4	29.6	28.5	28.4	28.8	30.8
1979	29.7	28.0	28.3	29.1	29.7	29.3	30.0	30.6	30.4	29.9	29.6	29.8	31.5
1980	29.6	28.9	28.9	29.5	29.4	29.2	29.6	29.9	30.1	29.5	29.2	29.2	31.1
1981	29.3	28.5	28.6	29.1	29.7	29.1	29.3	29.6	29.7	29.1	28.7	29.2	30.6
1982		27.3	27.9										

SIC 539—MISC. GENERAL MERCHANDISE STORES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept	Oct	Nov	Dec
1977	131.3	135.5	126.2	126.8	127.1	128.3	130.9	129.2	129.4	129.8	130.9	135.3	146.2
1978	131.9	127.6	124.0	125.7	125.5	128.9	131.2	130.6	131.7	129.3	134.0	140.8	153.6
1979	132.9	136.9	130.1	129.6	128.2	129.5	133.7	132.3	132.8	133.7	130.1	134.4	143.0
1980	121.8	122.6	117.2	116.9	117.9	119.1	119.7	122.0	121.2	120.4	120.7	125.8	138.4
1981	125.7	118.5	114.8	115.8	118.1	121.3	125.1	128.3	128.7	128.4	129.0	135.0	145.1
1982		129.0	126.8										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept	Oct	Nov	Dec
1977	88.5	94.8	87.8	87.2	86.4	86.3	88.0	86.5	86.0	85.8	86.1	89.4	97.1
1978	86.2	85.4	82.4	82.8	82.7	84.8	86.3	85.0	85.6	84.8	86.6	88.6	98.9
1979	87.0	87.1	82.6	82.7	82.6	83.0	87.7	87.4	87.9	88.9	86.7	90.2	97.4
1980	81.0	81.5	77.7	77.8	78.1	79.4	79.7	79.9	80.8	80.0	80.0	83.9	93.3
1981	83.3	78.9	76.1	76.9	78.1	80.0	82.2	84.2	84.0	84.2	85.8	90.5	98.5
1982		85.7	84.0										

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept	Oct	Nov	Dec
1977	112.0	117.3	108.0	108.2	108.4	108.9	111.2	109.4	110.0	109.5	111.0	115.5	126.8
1978	112.8	108.5	104.6	106.5	106.4	109.6	112.3	111.6	112.6	110.5	114.9	121.6	134.4
1979	115.3	118.3	111.8	111.5	110.7	112.3	116.5	115.1	115.8	116.3	112.6	116.5	125.8
1980	104.1	105.6	100.2	100.2	100.1	101.4	102.2	103.6	102.7	102.4	102.4	107.7	120.9
1981	107.6	101.2	97.5	98.4	100.3	103.7	107.2	110.3	110.3	110.1	110.2	116.2	125.9
1982		110.7	108.5										

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept	Oct	Nov	Dec
1977	90.57	85.55	87.02	87.89	88.46	89.96	91.73	94.64	95.34	93.31	91.81	89.40	92.65
1978	95.36	90.43	93.47	95.38	96.34	93.81	97.61	98.89	98.56	94.96	94.28	93.15	97.24
1979	102.84	95.88	96.60	99.53	101.91	100.61	103.55	107.01	107.41	103.72	104.37	105.38	108.68
1980	113.28	106.02	106.50	109.04	109.53	111.05	113.58	116.27	117.95	115.25	115.74	117.61	120.74
1981	127.62	120.60	120.51	125.04	127.75	128.59	129.74	131.94	132.25	130.16	124.12	125.11	132.68
1982		123.52	125.57										

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept	Oct	Nov	Dec
1977	2.95	2.90	2.92	2.92	2.91	2.94	2.94	2.93	2.97	3.01	3.01	2.97	2.96
1978	3.20	3.14	3.19	3.19	3.19	3.18	3.19	3.19	3.20	3.23	3.24	3.19	3.22
1979	3.51	3.40	3.45	3.48	3.49	3.53	3.51	3.52	3.51	3.54	3.55	3.56	3.54
1980	3.84	3.72	3.75	3.76	3.79	3.79	3.85	3.85	3.88	3.92	3.91	3.96	3.92
1981	4.24	4.13	4.17	4.21	4.23	4.23	4.24	4.27	4.28	4.31	4.28	4.27	4.28
1982		4.38	4.36										

See footnotes at end of tables.

SIC 539—MISC. GENERAL MERCHANDISE STORES (Con.)

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept	Oct	Nov	Dec
1977	30.7	29.5	29.8	30.1	30.4	30.6	31.2	32.3	32.1	31.0	30.5	30.1	31.3
1978	29.8	28.8	29.3	29.9	30.2	29.5	30.6	31.0	30.8	29.4	29.1	29.2	30.3
1979	29.3	28.2	28.0	28.6	29.2	28.5	29.5	30.4	30.6	29.3	29.4	29.6	30.7
1980	29.5	28.5	28.4	29.0	28.9	29.3	29.5	30.2	30.4	29.4	29.6	29.7	30.8
1981	30.1	29.2	28.9	29.7	30.2	30.4	30.6	30.9	30.9	30.2	29.0	29.3	31.0
1982		28.2	28.8										

SIC 54—FOOD STORES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept	Oct	Nov	Dec
1977	2,106.3	2,057.9	2,054.8	2,080.8	2,078.0	2,094.8	2,105.6	2,098.4	2,096.5	2,127.9	2,137.3	2,155.9	2,187.7
1978	2,198.9	2,147.9	2,148.5	2,161.5	2,167.1	2,185.4	2,194.1	2,180.2	2,189.1	2,204.6	2,234.3	2,273.5	2,306.6
1979	2,296.8	2,263.8	2,255.7	2,265.5	2,271.8	2,275.2	2,278.5	2,282.9	2,281.0	2,302.7	2,323.9	2,361.5	2,399.6
1980	2,383.6	2,340.0	2,335.5	2,342.3	2,342.7	2,368.1	2,388.2	2,392.9	2,398.0	2,411.9	2,404.2	2,425.8	2,453.6
1981	2,429.2	2,397.8	2,395.0	2,401.6	2,407.8	2,413.5	2,432.9	2,422.1	2,421.2	2,444.6	2,447.3	2,474.1	2,492.4
1982		2,442.0	2,433.9										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept	Oct	Nov	Dec
1977	849.3	819.6	819.7	829.7	831.8	840.8	849.8	841.6	845.3	864.6	869.3	884.5	895.3
1978	896.5	864.9	864.1	870.4	873.5	888.4	893.4	889.1	893.4	905.3	919.3	941.4	955.3
1979	957.3	929.5	929.4	931.9	940.2	940.6	944.5	947.1	953.1	963.5	979.3	1,002.8	1,028.0
1980	1,014.9	987.8	992.1	990.9	994.1	1,003.5	1,012.3	1,015.9	1,021.1	1,029.7	1,030.5	1,043.1	1,058.3
1981	1,046.4	1,024.5	1,023.1	1,025.8	1,030.5	1,035.8	1,047.4	1,041.5	1,048.0	1,055.5	1,062.4	1,075.6	1,086.3
1982		1,056.3	1,055.1										

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept	Oct	Nov	Dec
1977	1,942.1	1,895.8	1,893.4	1,918.9	1,915.9	1,932.1	1,941.0	1,933.1	1,931.7	1,960.7	1,971.6	1,990.0	2,021.1
1978	2,028.4	1,982.1	1,981.7	1,993.3	1,997.8	2,016.2	2,022.8	2,010.7	2,019.1	2,033.9	2,060.6	2,098.2	2,124.1
1979	2,119.5	2,088.0	2,081.6	2,090.4	2,096.1	2,097.7	2,101.9	2,105.9	2,106.6	2,122.8	2,144.5	2,181.1	2,227.5
1980	2,202.2	2,158.2	2,153.1	2,163.4	2,161.5	2,187.1	2,205.6	2,208.8	2,215.8	2,229.6	2,223.4	2,245.6	2,274.4
1981	2,252.7	2,220.5	2,218.0	2,224.0	2,230.4	2,235.5	2,252.9	2,246.1	2,249.9	2,272.2	2,274.9	2,295.2	2,312.9
1982		2,262.0	2,252.0										

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept	Oct	Nov	Dec
1977	155.03	148.16	148.48	148.97	148.36	152.15	158.18	162.18	160.08	158.27	157.14	158.40	158.90
1978	167.36	159.00	160.34	160.97	162.74	163.89	170.04	173.83	171.93	170.77	169.69	172.13	172.90
1979	179.74	172.85	172.92	173.23	178.64	175.91	182.41	185.23	183.38	182.59	180.02	184.91	181.16
1980	194.69	181.13	182.31	184.78	184.51	188.79	194.30	201.88	203.50	202.84	200.85	206.15	203.94
1981	212.97	204.29	206.24	206.79	213.15	211.67	216.78	219.52	219.74	225.14	210.45	212.19	209.30
1982		212.31	215.94										

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept	Oct	Nov	Dec
1977	4.77	4.63	4.64	4.67	4.68	4.74	4.75	4.77	4.75	4.84	4.88	4.95	4.95
1978	5.23	5.08	5.09	5.11	5.15	5.17	5.20	5.22	5.21	5.32	5.37	5.43	5.40
1979	5.67	5.54	5.56	5.57	5.60	5.62	5.63	5.63	5.66	5.76	5.77	5.87	5.77
1980	6.24	5.90	5.90	5.98	6.01	6.09	6.11	6.25	6.32	6.46	6.50	6.65	6.60
1981	6.87	6.72	6.74	6.78	6.81	6.85	6.86	6.86	6.91	7.17	6.90	6.98	6.84
1982		7.03	7.08										

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept	Oct	Nov	Dec
1977	32.5	32.0	32.0	31.9	31.7	32.1	33.3	34.0	33.7	32.7	32.2	32.0	32.1
1978	32.0	31.3	31.5	31.5	31.6	31.7	32.7	33.3	33.0	32.1	31.6	31.7	31.9
1979	31.7	31.2	31.1	31.1	31.9	31.3	32.4	32.9	32.4	31.7	31.2	31.5	31.4
1980	31.2	30.7	30.9	30.9	30.7	31.0	31.8	32.3	32.2	31.4	30.9	31.0	30.9
1981	31.0	30.4	30.6	30.5	31.3	30.9	31.6	32.0	31.8	31.4	30.5	30.4	30.6
1982		30.2	30.5										

SIC 541—GROCERY STORES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	1,807.2	1,799.9	1,796.9	1,817.1	1,811.3	1,825.3	1,832.9	1,835.1	1,831.8	1,856.0	1,862.9	1,875.4	1,941.0
1978	1,917.1	1,878.3	1,876.7	1,883.0	1,891.9	1,904.4	1,913.1	1,903.9	1,913.5	1,922.3	1,945.9	1,975.7	1,986.3
1979	1,991.4	1,975.3	1,967.0	1,977.3	1,977.3	1,983.6	1,986.0	1,993.3	1,990.7	2,011.7	2,029.7	2,054.5	2,077.2
1980	2,066.4	2,051.1	2,042.6	2,050.3	2,049.7	2,073.7	2,091.1	2,101.9	2,106.6	2,120.6	2,113.1	2,128.3	2,143.6
1981	2,130.8	2,106.1	2,100.7	2,106.8	2,107.6	2,114.5	2,131.6	2,128.6	2,127.2	2,149.0	2,148.0	2,168.4	2,178.5
1982		2,151.3	2,141.1										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	700.9	676.6	676.6	684.3	685.7	693.2	700.5	698.6	700.9	714.1	718.1	728.1	734.0
1978	743.4	709.6	716.1	719.1	726.3	736.0	741.2	740.2	746.1	751.0	761.7	776.7	786.1
1979	796.1	774.9	770.9	777.6	780.5	783.8	787.5	792.3	796.1	804.8	818.0	829.9	839.7
1980	848.9	826.0	825.7	827.3	828.8	838.7	847.1	853.8	859.6	866.9	867.0	874.3	881.9
1981	876.4	851.5	858.1	860.1	861.1	866.2	876.8	874.1	879.8	886.8	889.4	898.9	903.3
1982		880.9	886.7										

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	1,557.4	1,551.8	1,559.3	1,578.7	1,572.7	1,586.5	1,592.7	1,593.7	1,591.3	1,714.0	1,722.6	1,735.9	1,759.1
1978	1,771.8	1,737.1	1,734.5	1,740.2	1,747.9	1,760.7	1,767.0	1,759.9	1,768.7	1,777.1	1,797.8	1,825.6	1,844.8
1979	1,850.0	1,835.1	1,817.9	1,827.4	1,826.6	1,831.9	1,834.9	1,841.4	1,841.1	1,857.4	1,875.4	1,899.8	1,920.8
1980	1,934.1	1,899.1	1,886.1	1,897.3	1,895.1	1,918.4	1,935.1	1,945.2	1,951.4	1,965.6	1,959.6	1,975.2	1,991.4
1981	1,961.3	1,955.1	1,952.1	1,955.7	1,957.1	1,963.0	1,979.4	1,979.7	1,982.3	2,003.4	2,003.0	2,017.7	2,026.8
1982		1,988.9	1,986.9										

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	161.19	155.03	154.67	155.99	154.72	158.93	165.62	169.25	166.75	165.17	163.80	165.05	165.89
1978	174.98	166.31	167.49	167.59	169.07	170.56	177.42	180.97	178.92	177.68	176.73	180.64	180.96
1979	187.00	181.00	180.04	180.81	186.44	184.44	190.24	193.14	191.88	190.67	187.43	193.31	188.65
1980	201.14	196.17	199.70	192.39	191.56	196.88	202.55	209.95	212.55	211.76	209.30	215.28	213.35
1981	221.83	213.37	213.94	215.51	222.39	221.52	226.49	228.30	229.12	235.53	219.20	221.96	217.66
1982		221.13	221.99										

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.51	4.47	4.48	4.50	4.52	4.89	4.90	4.92	4.89	4.99	5.04	5.11	5.12
1978	5.42	5.23	5.25	5.27	5.30	5.33	5.35	5.37	5.37	5.49	5.54	5.61	5.62
1979	5.65	5.51	5.54	5.54	5.79	5.80	5.80	5.80	5.85	5.94	5.95	6.06	5.97
1980	6.45	6.07	6.06	6.15	6.20	6.29	6.31	6.46	6.54	6.68	6.73	6.90	6.86
1981	7.11	6.95	6.97	7.02	7.06	7.10	7.10	7.09	7.16	7.43	7.14	7.23	7.09
1982		7.25	7.32										

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	32.8	32.5	32.4	32.3	32.1	32.5	33.6	34.4	34.1	33.1	32.5	32.3	32.4
1978	32.4	31.8	31.9	31.8	31.9	32.0	33.1	33.7	33.3	32.4	31.9	32.2	32.2
1979	32.0	31.7	32.4	31.5	32.2	31.6	32.8	33.3	32.8	32.1	31.5	31.9	31.6
1980	31.5	31.0	31.1	31.2	30.9	31.3	32.1	32.5	32.5	31.7	31.1	31.2	31.1
1981	31.2	30.7	30.1	30.7	31.5	31.2	31.9	32.2	32.0	31.7	30.7	30.7	30.7
1982		30.5	30.6										

SIC 542—MEAT MARKETS AND FREEZER PROVISIONERS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	52.8	51.3	50.9	52.2	53.1	53.0	53.6	53.2	52.9	53.0	53.2	53.2	53.4
1978	51.0	51.5	51.2	51.7	51.2	50.6	50.3	49.7	49.1	49.3	51.6	52.5	53.7
1979	54.1	52.4	53.2	53.7	54.2	54.4	54.8	54.5	54.8	55.0	54.1	54.8	55.3
1980	55.0	54.1	54.1	54.6	54.8	55.2	55.7	54.2	54.1	54.9	55.4	57.0	56.3
1981	55.5	55.6	55.1	55.9	57.0	55.2	56.6	55.3	54.9	55.0	54.8	55.9	55.0
1982		54.7	54.5										

SIC 542—MEAT MARKETS AND FREEZER PROVISIONERS (Con.)

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	15.0	14.4	14.0	14.5	14.2	14.6	14.9	15.0	15.1	15.2	15.2	16.2	16.8
1978	14.7	14.3	14.5	14.4	14.0	14.6	14.4	14.4	14.6	14.6	15.4	15.6	15.8
1979	17.5	15.9	16.2	16.1	16.8	17.3	18.2	18.1	18.1	18.3	18.0	18.1	18.7
1980	18.0	18.7	18.2	17.7	18.4	18.5	18.4	17.9	17.3	17.4	17.7	18.1	17.6
1981	16.9	16.8	16.3	16.6	17.4	16.9	17.4	17.3	17.4	16.7	16.7	16.9	16.8
1982		16.5	15.9										

SIC 546—RETAIL BAKERIES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	117.7	114.4	114.2	116.3	116.8	118.2	118.5	114.6	114.5	119.8	119.9	121.2	123.8
1978	124.5	119.9	121.2	123.0	123.7	124.6	124.7	122.0	122.4	126.4	126.9	129.1	130.0
1979	127.5	126.0	124.3	127.1	127.8	127.7	129.5	126.5	125.0	127.2	128.5	129.9	130.8
1980	128.0	126.4	127.4	127.8	127.7	128.9	129.2	125.6	127.5	129.2	127.4	128.5	129.4
1981	126.9	126.0	125.3	125.7	125.8	127.7	128.5	124.8	125.1	127.4	127.9	128.6	129.0
1982		124.7	125.7										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	73.8	72.4	72.3	73.5	73.5	73.8	74.9	71.2	71.6	76.4	75.2	74.7	75.9
1978	74.1	72.5	72.5	73.3	73.2	73.8	73.8	72.6	71.9	75.8	75.6	77.0	77.6
1979	76.0	74.4	73.5	75.3	75.9	75.8	76.1	73.9	73.9	75.9	77.1	79.2	80.4
1980	79.2	77.0	77.6	78.6	79.1	79.6	79.4	77.9	78.6	80.3	79.2	80.9	81.8
1981	80.5	79.6	79.6	80.0	80.3	81.5	81.5	78.8	78.8	80.7	81.6	82.2	82.7
1982		79.7	80.6										

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	106.4	105.0	105.0	107.3	108.0	109.3	109.7	105.6	105.2	110.0	110.1	111.4	113.9
1978	114.2	110.1	111.2	112.9	113.4	114.3	114.5	111.4	111.9	115.9	116.7	118.9	119.7
1979	117.3	116.0	114.5	117.0	117.9	117.5	118.9	116.2	114.8	116.4	118.0	119.6	120.7
1980	117.4	115.3	117.2	117.5	117.5	118.7	118.9	115.6	116.8	117.6	116.5	117.6	118.7
1981	116.7	115.8	115.2	115.5	116.5	117.6	117.7	114.4	115.3	117.3	117.9	118.5	119.0
1982		115.1	115.7										

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	105.61	97.70	100.98	99.99	102.43	103.60	107.40	109.80	110.11	107.68	108.11	107.53	110.70
1978	115.15	107.26	110.21	111.56	113.20	113.49	118.01	120.90	118.85	115.24	116.51	116.58	119.77
1979	127.60	113.29	119.55	122.55	128.83	124.70	129.35	132.26	133.02	130.39	130.54	130.69	135.00
1980	135.83	130.50	133.34	136.32	134.61	136.12	138.44	138.57	138.60	134.85	135.78	136.36	137.12
1981	140.06	133.56	137.94	136.69	141.03	138.59	143.96	144.83	145.53	141.98	140.06	139.08	141.78
1982		135.14	142.35										

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.58	3.44	3.47	3.46	3.52	3.56	3.58	3.60	3.61	3.65	3.64	3.67	3.69
1978	3.93	3.79	3.84	3.86	3.89	3.90	3.95	3.99	3.91	3.96	3.99	4.02	4.06
1979	4.34	4.09	4.18	4.27	4.28	4.30	4.37	4.38	4.39	4.45	4.44	4.43	4.50
1980	4.62	4.50	4.52	4.59	4.61	4.63	4.63	4.65	4.62	4.65	4.65	4.67	4.68
1981	4.88	4.77	4.84	4.83	4.88	4.88	4.93	4.96	4.90	4.93	4.88	4.88	4.94
1982		4.95	4.96										

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	29.5	28.4	29.1	28.9	29.1	29.1	30.0	30.5	30.5	29.5	29.7	29.3	30.0
1978	29.3	28.3	28.7	28.9	29.1	29.1	29.8	30.3	30.4	29.1	29.2	29.0	29.5
1979	29.4	27.7	28.6	28.7	30.1	29.0	29.6	30.2	30.3	29.3	29.4	29.5	30.0
1980	29.4	29.0	29.5	29.7	29.2	29.4	29.9	29.8	30.0	29.0	29.2	29.2	29.3
1981	28.7	28.0	28.5	28.3	28.9	28.4	29.2	29.2	29.7	28.8	28.7	28.5	28.7
1982		27.3	28.7										

See footnotes at end of tables

SIC 55—AUTOMOTIVE DEALERS AND SERVICE STATIONS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	1,800.6	1,761.3	1,756.9	1,768.4	1,781.9	1,795.4	1,819.8	1,820.4	1,820.4	1,816.9	1,821.2	1,823.7	1,822.8
1978	1,860.6	1,808.1	1,813.3	1,825.6	1,847.2	1,856.0	1,878.0	1,887.0	1,879.4	1,878.7	1,879.0	1,880.4	1,884.2
1979	1,812.3	1,872.5	1,863.2	1,865.4	1,853.2	1,841.1	1,823.3	1,786.6	1,784.4	1,771.3	1,771.6	1,760.7	1,754.3
1980	1,688.5	1,732.9	1,715.0	1,714.2	1,705.3	1,687.5	1,682.0	1,675.9	1,680.1	1,668.3	1,668.6	1,666.8	1,664.7
1981	1,650.2	1,653.3	1,637.9	1,638.0	1,647.7	1,654.0	1,662.0	1,661.7	1,660.2	1,657.2	1,652.9	1,642.9	1,634.2
1982		1,621.8	1,615.4										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	273.2	263.1	261.9	262.7	265.6	269.8	275.2	276.9	278.6	278.1	279.8	282.1	284.2
1978	298.1	265.7	282.6	284.7	289.9	292.9	300.0	303.5	303.5	304.4	307.6	310.5	311.9
1979	311.0	308.2	309.0	309.0	310.8	313.2	317.0	310.6	312.5	310.2	310.5	311.1	310.0
1980	302.4	305.1	302.2	300.9	303.3	299.5	301.2	299.8	305.2	303.3	301.6	303.0	304.2
1981	306.5	301.7	298.6	296.0	300.3	304.4	307.0	311.2	312.3	310.8	311.4	310.5	314.0
1982		309.0	307.8										

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	1,553.4	1,514.5	1,513.9	1,523.4	1,535.1	1,547.5	1,572.0	1,572.5	1,574.2	1,568.7	1,572.6	1,574.4	1,572.1
1978	1,599.5	1,566.5	1,559.6	1,568.7	1,589.2	1,599.3	1,612.8	1,623.1	1,614.4	1,614.8	1,614.6	1,614.3	1,617.7
1979	1,546.4	1,605.8	1,597.0	1,597.8	1,585.9	1,575.1	1,557.2	1,520.8	1,519.0	1,506.5	1,507.4	1,494.9	1,489.2
1980	1,430.4	1,470.0	1,457.3	1,454.3	1,445.8	1,428.9	1,424.1	1,419.1	1,423.8	1,412.6	1,411.6	1,409.4	1,407.8
1981	1,397.8	1,400.1	1,384.1	1,385.2	1,394.7	1,400.1	1,408.6	1,409.5	1,407.5	1,406.2	1,402.0	1,391.5	1,383.9
1982		1,366.4	1,359.6										

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	170.62	162.69	164.26	166.44	169.79	171.07	173.43	175.10	173.50	172.29	173.58	172.58	174.26
1978	184.88	173.26	174.64	178.67	184.76	185.38	187.49	190.26	189.62	186.63	188.75	189.00	190.26
1979	200.72	189.48	192.24	197.02	200.94	198.75	202.01	204.75	205.67	203.74	202.07	204.26	206.72
1980	212.25	205.88	207.39	209.44	207.39	209.07	211.31	215.46	216.41	213.38	217.15	217.70	215.25
1981	227.86	219.16	222.38	226.13	228.61	227.86	229.07	233.55	234.46	229.02	227.77	229.13	228.75
1982		227.66	229.15										

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.49	4.27	4.30	4.38	4.48	4.49	4.54	4.56	4.53	4.57	4.58	4.59	4.61
1978	4.93	4.67	4.72	4.79	4.94	4.97	4.96	5.02	4.99	4.99	5.02	5.04	5.06
1979	5.31	5.08	5.14	5.24	5.33	5.30	5.33	5.36	5.37	5.39	5.36	5.39	5.44
1980	5.66	5.49	5.56	5.63	5.59	5.59	5.62	5.70	5.71	5.69	5.76	5.79	5.74
1981	6.06	5.86	5.93	6.03	6.08	6.06	6.06	6.13	6.17	6.14	6.09	6.11	6.10
1982		6.12	6.16										

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	38.0	38.1	38.2	38.0	37.9	38.1	38.2	38.4	38.3	37.7	37.9	37.6	37.8
1978	37.5	37.1	37.0	37.3	37.4	37.3	37.8	37.9	38.0	37.4	37.6	37.5	37.6
1979	37.8	37.3	37.4	37.6	37.7	37.5	37.9	38.2	38.3	37.8	37.7	37.9	38.0
1980	37.5	37.5	37.3	37.2	37.1	37.4	37.6	37.8	37.9	37.5	37.7	37.6	37.5
1981	37.6	37.4	37.5	37.5	37.6	37.6	37.8	38.1	38.0	37.3	37.4	37.5	37.5
1982		37.2	37.2										

SIC 551,2—NEW AND USED CAR DEALERS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	849.0	828.8	831.5	836.7	840.2	844.2	850.5	849.9	852.8	856.5	863.6	865.9	867.2
1978	888.6	867.7	869.9	876.0	882.3	885.5	893.9	895.7	896.0	896.4	899.9	900.9	899.3
1979	881.4	900.7	899.8	903.8	902.7	899.6	895.2	879.1	871.9	864.2	859.9	853.3	847.1
1980	786.6	835.9	829.4	821.8	806.1	786.0	772.6	768.9	766.5	764.0	765.2	763.9	759.4
1981	748.4	753.7	750.8	750.4	751.2	751.4	753.5	750.2	748.2	749.9	747.5	740.8	733.2
1982		726.9	725.5										

See footnotes at end of tables.

SIC 551,2—NEW AND USED CAR DEALERS (Con.)

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	110.4	106.0	106.8	107.6	108.8	109.4	110.3	110.9	111.0	111.8	113.3	114.2	114.9
1978	119.6	114.6	114.8	115.8	116.9	117.9	120.1	120.7	121.4	121.6	123.0	123.9	123.9
1979	124.2	125.0	125.3	125.8	126.2	126.3	125.7	123.7	123.2	122.3	123.0	122.4	121.8
1980	113.7	120.0	119.6	118.3	116.4	113.7	111.0	110.7	110.7	110.6	110.8	111.1	111.2
1981	110.9	110.1	109.8	109.8	111.3	111.7	112.0	111.0	111.2	111.5	111.4	110.5	110.2
1982		107.9	106.8										

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	710.3	693.0	695.6	699.7	702.7	705.5	711.6	710.9	714.1	715.7	723.2	725.0	725.2
1978	742.6	725.3	725.9	731.2	736.8	740.2	746.7	749.4	750.0	749.9	753.2	752.4	750.2
1979	732.5	751.1	750.9	753.9	753.0	749.9	745.0	730.1	723.4	715.7	712.2	705.4	699.1
1980	644.9	689.0	683.1	676.4	661.8	643.1	631.9	629.5	627.6	625.4	626.0	624.3	621.0
1981	612.1	616.1	613.1	613.4	614.7	613.8	616.3	613.9	612.9	614.6	611.5	605.2	598.4
1982		593.7	593.0										

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	209.43	194.04	197.34	204.75	210.36	210.11	214.03	215.67	214.66	212.08	214.50	212.85	223.01
1978	227.92	208.90	213.33	220.98	230.47	230.23	232.59	234.62	232.70	229.95	233.14	232.70	244.15
1979	240.95	227.33	234.08	241.96	246.48	239.94	241.96	241.57	244.92	243.18	241.88	243.66	244.15
1980	251.63	241.40	246.77	253.97	245.10	246.89	251.52	255.46	258.34	253.75	257.95	256.69	253.66
1981	268.87	258.53	263.96	273.72	270.72	268.03	268.80	273.74	277.59	269.42	267.78	270.72	268.65
1982		263.20	269.89										

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	5.37	4.95	5.06	5.21	5.38	5.36	5.46	5.53	5.49	5.48	5.50	5.50	5.49
1978	5.92	5.44	5.57	5.71	5.94	5.96	6.01	6.11	6.06	6.02	6.04	6.06	6.07
1979	6.21	5.92	6.08	6.22	6.32	6.20	6.22	6.21	6.28	6.30	6.25	6.28	6.26
1980	6.57	6.27	6.46	6.57	6.45	6.48	6.55	6.67	6.71	6.66	6.70	6.77	6.62
1981	7.02	6.75	6.91	7.05	7.05	6.98	7.00	7.11	7.21	7.09	7.01	7.05	7.02
1982		7.00	7.14										

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	39.0	39.2	39.0	39.3	39.1	39.2	39.2	39.0	39.1	38.7	39.0	38.7	38.6
1978	38.5	38.4	38.3	38.7	38.8	38.5	38.7	38.4	38.4	38.2	38.5	38.4	38.5
1979	38.8	38.4	38.5	38.9	39.0	38.7	38.9	38.9	39.0	38.6	38.7	38.8	38.8
1980	38.3	38.5	38.2	38.2	38.0	38.1	38.4	38.3	38.5	38.1	38.5	38.3	38.1
1981	38.3	38.3	38.2	38.4	38.4	38.4	38.4	38.5	38.5	38.0	38.2	38.4	38.2
1982		37.6	37.8										

SIC 553—AUTO AND HOME SUPPLY STORES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	244.0	234.2	227.7	230.9	236.7	243.5	250.8	253.9	252.4	246.4	248.4	250.7	252.1
1978	259.8	252.4	243.6	243.6	252.0	256.4	263.0	266.6	265.3	267.1	265.9	268.2	274.3
1979	268.1	265.0	260.3	262.0	265.6	270.3	274.9	272.8	270.8	268.7	268.2	267.4	270.6
1980	261.0	265.4	258.3	255.7	258.4	258.8	261.4	260.5	263.4	261.9	261.8	261.8	264.1
1981	265.3	260.6	256.2	253.9	259.4	263.4	265.5	268.0	268.9	270.4	272.1	272.0	273.1
1982		269.4	263.6										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	39.1	37.8	36.4	36.7	37.2	37.7	38.8	39.7	40.5	39.8	40.2	40.9	42.1
1978	46.0	44.5	41.6	41.9	43.7	44.8	47.5	47.4	47.0	47.8	47.3	48.1	50.5
1979	48.8	48.7	46.8	46.4	46.9	49.1	50.2	49.4	49.6	49.4	49.2	49.1	50.5
1980	47.8	49.4	47.1	45.6	46.0	46.4	46.6	45.9	49.6	48.9	47.9	49.4	50.9
1981	48.9	50.1	49.2	46.7	47.5	48.1	48.3	49.2	48.6	48.8	49.6	49.4	51.5
1982		51.2	48.9										

SIC 553—AUTO AND HOME SUPPLY STORES (Con.)

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
'77	194.1	181.4	188.9	201.9	206.9	214.2	220.4	223.4	223.1	216.3	219.2	220.7	221.8
'78	204.8	194.3	201.4	210.9	219.2	224.7	230.0	233.7	231.6	233.1	231.5	234.2	236.9
'79	214.3	203.1	211.6	218.9	231.2	237.3	241.9	239.0	236.2	234.6	234.0	233.3	236.3
'80	216.1	210.6	209.7	222.6	224.4	224.4	226.5	225.3	228.5	227.1	227.0	226.7	228.9
'81	218.7	215.4	220.4	224.5	224.0	228.1	230.8	232.4	233.2	234.3	236.9	235.5	236.9
'82		232.1	226.1										

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
'77	163.61	152.68	156.17	158.64	163.83	168.02	171.74	174.22	174.60	173.83	171.77	172.58	175.92
'78	174.26	164.55	167.78	168.73	176.71	180.85	182.01	187.96	187.71	184.16	182.78	182.79	187.09
'79	187.79	180.11	184.67	187.11	193.63	191.75	194.40	200.33	199.67	198.53	196.10	198.70	202.78
'80	203.42	207.36	201.76	201.29	208.79	210.42	210.94	215.95	215.36	210.83	213.96	211.84	214.52
'81	214.64	218.70	221.93	217.88	226.64	229.07	227.66	236.57	231.74	227.77	228.00	230.68	228.58
'82		229.50	222.43										

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
'77	4.01	3.91	3.82	3.90	3.91	4.01	4.06	4.08	4.07	4.09	4.08	4.08	4.12
'78	4.26	4.16	4.09	4.05	4.44	4.51	4.45	4.54	4.48	4.47	4.44	4.44	4.53
'79	4.51	4.43	4.47	4.61	4.72	4.77	4.80	4.91	4.87	4.89	4.83	4.87	4.97
'80	4.93	5.03	4.91	4.97	5.13	5.17	5.18	5.08	5.04	5.18	5.27	5.28	5.31
'81	5.22	5.32	5.42	5.43	5.47	5.56	5.57	5.68	5.68	5.68	5.70	5.71	5.63
'82		5.56	5.54										

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
'77	42.2	41.6	42.0	42.6	41.8	41.9	41.9	42.3	42.7	42.9	42.5	42.1	42.3	42.7
'78	42.6	42.4	42.4	42.1	39.7	39.8	40.1	40.9	41.4	41.9	41.2	40.8	40.8	41.3
'79	42.3	42.5	42.4	42.3	43.5	43.6	43.2	43.5	43.8	43.0	43.6	42.6	42.8	42.8
'80	42.3	42.5	42.4	42.5	43.0	43.0	43.7	42.8	42.9	43.1	43.0	42.6	43.0	43.1
'81	42.4	42.1	42.1	42.1	41.2	41.4	41.4	40.8	41.0	41.0	41.0	40.4	40.6	40.6
'82		41.1	39.4										

SIC 554—GASOLINE SERVICE STATIONS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
'77	628.7	624.3	623.1	624.4	624.1	625.0	633.9	634.2	634.5	635.0	630.8	629.6	625.5
'78	626.5	625.3	620.0	614.1	617.9	628.0	633.1	636.0	633.6	630.3	629.1	628.1	626.2
'79	623.6	623.0	619.2	617.1	619.3	626.1	631.4	643.8	651.8	654.2	650.5	650.5	647.7
'80	650.4	651.2	646.1	634.1	638.2	646.3	663.3	665.6	665.8	662.9	662.4	663.0	665.5
'81	664.4	664.7	666.6	655.6	656.7	658.0	661.0	661.5	662.0	658.3	656.5	655.6	655.2
'82		652.6	651.8										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
'77	284.1	280.0	280.6	283.6	284.3	285.4	288.0	290.8	291.9	292.2	291.8	290.9	291.3
'78	293.1	289.8	287.8	285.0	286.0	290.5	292.9	294.9	293.6	291.8	292.1	292.4	293.6
'79	292.4	291.8	290.0	287.9	288.0	290.5	292.8	298.7	302.2	302.4	302.6	304.2	305.6
'80	304.3	305.3	303.6	299.6	300.9	303.9	307.6	309.0	309.5	308.3	309.4	310.1	312.3
'81	312.1	312.8	313.4	309.8	310.4	312.3	313.8	314.5	314.7	313.4	313.7	313.4	314.3
'82		314.2	313.9										

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
'77	552.5	553.3	556.2	558.3	558.3	559.4	569.5	569.1	569.4	569.7	565.0	564.0	560.0
'78	559.9	554.3	554.5	557.6	561.2	561.3	560.8	564.5	559.4	559.6	556.1	556.9	558.3
'79	556.5	553.6	548.2	540.1	554.2	511.8	491.6	473.5	462.0	464.6	460.3	464.4	466.7
'80	465.1	460.8	457.4	453.6	465.9	465.4	493.0	492.7	491.7	491.7	490.6	492.5	492.8
'81	485.1	484.1	485.9	486.0	487.1	488.6	491.0	492.3	491.7	489.8	487.7	487.1	485.9
'82		480.4	481.1										

(continued at end of table)

SIC 554—GASOLINE SERVICE STATIONS (Con.)

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	121.09	121.75	121.06	120.03	120.39	121.79	121.78	124.20	121.36	121.10	121.10	119.71	121.80
1978	128.08	124.55	125.24	125.24	127.00	127.33	128.85	131.02	130.31	128.06	130.59	130.18	131.60
1979	141.10	132.66	134.68	134.90	135.93	136.91	141.10	146.11	146.93	144.79	144.20	146.50	150.03
1980	156.90	150.60	149.30	151.25	152.74	155.49	156.29	160.03	159.67	158.30	162.34	163.40	163.79
1981	171.47	167.32	168.50	168.38	170.02	172.18	172.66	175.69	175.21	171.42	172.04	171.91	173.04
1982		175.79	175.79										

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.44	3.42	3.41	3.41	3.43	3.45	3.44	3.45	3.39	3.47	3.46	3.48	3.51
1978	3.67	3.61	3.63	3.63	3.66	3.68	3.65	3.67	3.64	3.68	3.71	3.73	3.76
1979	4.02	3.84	3.87	3.91	3.94	3.98	4.02	4.07	4.07	4.09	4.12	4.15	4.25
1980	4.47	4.34	4.34	4.41	4.44	4.43	4.44	4.47	4.46	4.51	4.56	4.59	4.64
1981	4.83	4.74	4.76	4.77	4.83	4.85	4.85	4.84	4.84	4.87	4.86	4.87	4.93
1982		4.98	4.98										

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	35.2	35.6	35.5	35.2	35.1	35.3	35.4	36.0	35.8	34.9	35.0	34.4	34.7
1978	34.9	34.5	34.5	34.5	34.7	34.6	35.3	35.7	35.8	34.8	35.2	34.9	35.0
1979	35.1	34.6	34.8	34.5	34.5	34.4	35.1	35.9	36.1	35.4	35.0	35.3	35.3
1980	35.4	34.7	34.4	34.3	34.4	35.1	35.2	35.8	35.8	35.1	35.6	35.6	35.3
1981	35.5	35.1	35.4	35.3	35.2	35.5	35.6	36.3	36.2	35.2	35.4	35.3	35.1
1982		35.1	35.3										

SIC 56—APPAREL AND ACCESSORY STORES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	669.9	656.1	633.7	641.3	649.5	651.3	649.5	636.2	646.5	663.0	681.8	912.0	1,007.7
1978	709.2	705.6	665.6	677.4	685.2	687.2	686.8	678.1	685.6	700.1	721.4	966.4	1,051.2
1979	749.4	744.1	712.5	719.4	740.7	735.2	733.4	717.9	725.1	735.7	758.6	997.2	1,077.1
1980	756.7	759.8	734.1	735.3	736.7	736.0	736.8	727.3	736.2	745.9	758.8	995.2	1,068.0
1981	766.4	766.7	738.7	740.6	760.2	761.9	763.2	743.7	749.2	758.5	766.4	998.3	1,069.2
1982		783.6	750.4										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	587.7	581.5	560.4	565.9	568.2	571.9	571.3	563.0	569.8	583.6	599.5	621.4	695.8
1978	622.0	614.8	586.8	597.2	601.4	603.9	604.2	598.4	605.0	618.4	631.2	668.2	714.7
1979	657.0	649.1	622.7	631.1	647.6	644.6	643.6	632.6	641.1	648.6	665.4	696.2	756.1
1980	665.5	675.2	646.5	647.8	650.2	650.2	647.8	641.9	648.6	658.1	668.1	696.5	765.0
1981	673.1	671.9	650.0	653.0	666.7	663.0	663.7	656.5	656.5	666.8	674.1	698.8	754.2
1982		682.1	655.8										

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	756.1	754.5	723.2	729.1	736.2	738.5	737.4	725.1	733.4	748.2	765.4	793.6	885.8
1978	787.4	787.5	746.4	758.1	764.1	765.4	766.1	757.9	765.5	777.3	795.2	841.0	924.4
1979	820.2	816.0	786.0	791.3	812.9	806.9	805.9	790.0	796.4	806.4	822.5	863.6	941.9
1980	820.1	835.9	800.5	799.6	800.8	800.8	800.1	791.6	800.2	807.9	820.2	855.8	927.8
1981	826.9	827.3	799.8	802.4	820.1	821.9	824.2	806.6	812.1	819.6	826.2	856.5	926.0
1982		840.1	807.4										

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	102.81	99.29	98.36	98.11	100.89	101.14	102.30	104.45	104.96	103.95	104.89	103.72	110.45
1978	110.11	105.04	103.63	104.11	106.47	108.04	111.14	113.65	113.44	111.49	112.60	111.07	114.20
1979	117.09	112.97	112.80	113.18	118.10	114.73	117.41	120.90	118.21	116.76	118.74	117.14	124.01
1980	122.12	119.00	117.64	116.35	119.00	119.28	122.69	124.26	123.68	123.09	123.80	124.93	129.51
1981	130.99	127.65	126.31	127.96	134.50	130.67	132.59	136.00	136.16	136.80	134.05	134.14	141.90
1982		131.58	133.51										

SIC 56—APPAREL AND ACCESSORY STORES (Con.)

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.45	3.40	3.41	3.39	3.39	3.42	3.44	3.41	3.43	3.43	3.50	3.53	3.54	3.54
1978	3.70	3.61	3.61	3.60	3.60	3.66	3.67	3.68	3.69	3.70	3.76	3.80	3.81	3.85
1979	4.01	3.88	3.88	3.93	3.93	3.98	3.97	3.98	4.03	3.99	4.04	4.12	4.11	4.12
1980	4.30	4.14	4.13	4.20	4.20	4.26	4.27	4.25	4.26	4.26	4.34	4.40	4.39	4.39
1981	4.60	4.47	4.48	4.57	4.57	4.65	4.62	4.61	4.60	4.75	4.77	4.78	4.76

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	29.4	29.1	29.1	29.1	29.1	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4
1978	29.3	29.1	29.1	29.1	29.1	29.3	29.3	29.3	29.3	29.3	29.4	29.4	29.4	29.4
1979	29.3	29.1	29.1	29.1	29.1	29.3	29.3	29.3	29.3	29.3	29.4	29.4	29.4	29.4
1980	29.1	28.9	28.9	28.9	28.9	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
1981	29.1	28.9	28.9	28.9	28.9	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1

SIC 561—MEN'S AND BOYS' CLOTHING AND FURNISHINGS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	127.6	127.6	127.7	127.8	127.8	127.8	127.8	127.8	127.8	127.8	127.8	127.8	127.8	127.8
1978	128.4	128.1	128.1	128.2	128.2	128.2	128.2	128.2	128.2	128.2	128.2	128.2	128.2	128.2
1979	128.2	128.2	128.2	128.2	128.2	128.2	128.2	128.2	128.2	128.2	128.2	128.2	128.2	128.2
1980	127.1	127.1	127.1	127.1	127.1	127.1	127.1	127.1	127.1	127.1	127.1	127.1	127.1	127.1
1981	126.1	126.1	126.1	126.1	126.1	126.1	126.1	126.1	126.1	126.1	126.1	126.1	126.1	126.1

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
1978	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
1979	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
1980	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
1981	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	88.5	88.5	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
1978	89.1	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
1979	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
1980	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
1981	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	141.12	138.84	139.28	138.42	138.42	140.62	141.46	140.19	141.26	141.26	143.85	145.14	145.58	145.58
1978	152.81	148.82	148.82	148.68	148.68	151.25	151.66	152.10	152.51	152.92	155.41	157.12	157.53	159.19
1979	165.64	160.34	160.34	162.43	162.43	164.51	164.10	164.51	166.57	164.92	167.01	170.30	169.89	170.30
1980	177.59	171.01	170.60	173.46	173.46	176.05	176.46	175.63	176.05	176.05	179.34	181.81	181.40	181.40
1981	189.96	184.65	185.06	188.77	188.77	192.06	190.83	190.42	189.96	196.13	197.08	197.49	196.67	

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	32.6	32.6	32.7	32.7	32.7	32.5	32.5	32.4	32.5	32.5	32.4	32.4	32.4	32.4
1978	32.4	32.4	32.4	32.4	32.4	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
1979	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
1980	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
1981	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1

SIC 562—WOMEN'S READY-TO-WEAR STORES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	127.5	125.1	125.1	126.1	126.1	126.1	126.1	126.1	126.1	126.1	126.1	126.1	126.1	126.1
1978	128.4	126.1	126.1	127.1	127.1	127.1	127.1	127.1	127.1	127.1	127.1	127.1	127.1	127.1
1979	128.1	127.1	127.1	127.1	127.1	127.1	127.1	127.1	127.1	127.1	127.1	127.1	127.1	127.1
1980	126.1	125.1	125.1	125.1	125.1	125.1	125.1	125.1	125.1	125.1	125.1	125.1	125.1	125.1
1981	125.1	125.1	125.1	125.1	125.1	125.1	125.1	125.1	125.1	125.1	125.1	125.1	125.1	125.1

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	124.1	122.1	122.1	123.1	123.1	123.1	123.1	123.1	123.1	123.1	123.1	123.1	123.1	123.1
1978	125.1	123.1	123.1	124.1	124.1	124.1	124.1	124.1	124.1	124.1	124.1	124.1	124.1	124.1
1979	125.1	124.1	124.1	124.1	124.1	124.1	124.1	124.1	124.1	124.1	124.1	124.1	124.1	124.1
1980	123.1	122.1	122.1	122.1	122.1	122.1	122.1	122.1	122.1	122.1	122.1	122.1	122.1	122.1
1981	122.1	122.1	122.1	122.1	122.1	122.1	122.1	122.1	122.1	122.1	122.1	122.1	122.1	122.1

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	84.1	82.1	82.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
1978	84.1	82.1	82.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
1979	84.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
1980	82.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
1981	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	112.14	109.41	109.41	110.29	110.29	110.29	110.29	110.29	110.29	110.29	110.29	110.29	110.29	110.29
1978	120.12	116.06	116.06	117.07	117.07	117.07	117.07	117.07	117.07	117.07	117.07	117.07	117.07	117.07
1979	129.36	125.13	125.13	125.13	125.13	125.13	125.13	125.13	125.13	125.13	125.13	125.13	125.13	125.13
1980	138.46	133.94	133.94	133.94	133.94	133.94	133.94	133.94	133.94	133.94	133.94	133.94	133.94	133.94
1981	147.60	142.83	142.83	142.83	142.83	142.83	142.83	142.83	142.83	142.83	142.83	142.83	142.83	142.83

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1
1978	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1
1979	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1
1980	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1
1981	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1

SIC 565—FAMILY CLOTHING STORES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	150.6	151.1	145.9	147.0	147.7	150.1	152.5	151.2	153.8	154.6	158.1	164.4	189.7
1978	154.6	152.3	153.4	155.9	157.7	159.2	159.2	159.1	163.5	164.3	166.1	177.4	201.6
1979	174.2	161.1	163.0	162.9	164.0	166.2	167.9	168.7	168.5	172.1	171.6	175.0	186.1	213.0
1980	179.4	161.7	171.1	173.2	173.5	173.5	175.0	174.1	177.6	176.0	177.0	189.6	208.0
1981	179.7	161.4	172.4	172.4	173.8	173.9	175.5	176.1	177.2	177.9	177.7	187.0	208.6
1982		163.1	174.0										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	103.1	103.1	99.1	100.3	107.9	108.9	111.1	112.6	111.4	114.2	115.0	117.9	122.1	143.5
1978	105.5	104.1	104.7	106.1	106.1	117.2	119.1	118.8	118.1	121.1	121.9	122.1	130.1	151.5
1979	120.8	110.1	111.1	110.8	111.0	125.1	126.5	126.7	126.1	128.6	129.4	132.7	141.4	161.7
1980	124.1	110.7	117.1	118.6	118.0	131.1	131.7	132.0	131.5	133.6	132.4	133.7	144.2	159.1
1981	124.1	110.7	118.0	118.0	120.1	131.6	132.8	133.7	133.8	134.7	135.5	135.3	142.5	160.1
1982		111.7	119.1											

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	128.5	128.9	126.7	127.1	131.4	133.5	136.0	134.3	136.6	137.2	140.4	146.5	171.4
1978	136.1	134.7	134.7	137.6	139.7	140.3	141.1	141.1	145.2	145.7	146.3	157.7	181.8
1979	152.1	142.1	143.0	143.1	147.4	147.1	148.2	147.7	151.1	150.1	153.3	163.6	190.6
1980	156.4	142.7	150.9	150.7	151.4	151.7	151.4	151.7	154.1	152.7	153.0	166.7	184.4
1981	156.0	142.5	151.5	151.4	153.0	153.6	155.4	155.6	155.5	154.5	155.0	164.5	185.0
1982		143.1	152.5										

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	84.28	83.49	81.55	82.10	84.74	84.32	87.85	89.51	89.67	96.80	95.88	95.37	102.30
1978	96.51	94.44	94.44	96.64	100.64	102.47	107.06	112.85	110.45	110.24	109.56	107.53	115.63
1979	114.76	107.99	111.45	111.45	114.28	114.76	112.99	111.54	111.50	111.95	118.00
1980	120.61	112.98	113.26	117.01	115.00	116.65	117.02	115.75	116.45	121.93
1981	122.98	113.68	116.94	117.00	118.58	120.79	120.84	120.45	125.95
1982		118.14	119.00										

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.30	3.29	3.25	3.28	3.32	3.32	3.34	3.33	3.34	3.33	3.35	3.35	3.38	3.38
1978	3.46	3.44	3.44	3.46	3.49	3.53	3.55	3.55	3.51	3.56	3.53	3.58	3.64	3.73
1979	3.77	3.68	3.67	3.70	3.73	3.83	3.83	3.86	3.86	3.89	3.83	3.94	3.97	4.00
1980	4.04	4.01	4.01	4.04	4.04	4.16	4.16	4.10	4.10	4.05	4.10	4.14	4.25	4.19
1981	4.14	4.05	4.13	4.08	4.14	4.16	4.15	4.10	4.50	4.47	4.45	4.50	4.51	4.53	4.62	4.64	4.69	4.64
1982		4.16	4.21											

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	39.5	39.5	39.0	39.3	39.4	39.7	39.2	39.2	39.5	39.8	39.6	39.5	38.9	39.5
1978	39.8	39.5	39.1	39.4	39.4	39.1	39.1	39.5	39.5	39.4	39.3	39.1	39.1	39.1
1979	39.5	39.1	39.1	39.5	39.5	39.1	39.6	39.5	39.5	39.5	39.6	39.3	39.2	39.2
1980	39.5	39.1	39.1	39.5	39.5	39.1	39.6	39.5	39.5	39.5	39.6	39.3	39.2	39.2
1981	39.3	38.9	39.1	39.1	39.4	39.1	39.6	39.5	39.5	39.5	39.6	39.3	39.2	39.2
1982		38.9	39.1											

SIC 566—SHOE STORES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	164.3	163.4	159.1	161.1	164.7	164.6	160.3	154.7	159.5	164.0	166.2	169.7	190.6
1978	170.9	171.2	163.6	166.1	167.5	167.4	167.1	164.6	166.6	171.4	174.6	180.3	195.0	202.1
1979	184.3	176.7	174.6	176.1	176.8	183.5	183.1	180.0	180.2	186.1	189.9	195.0	198.7	205.5
1980	194.3	191.6	185.9	191.1	195.0	194.5	194.3	190.3	190.9	195.9	195.9	207.7	214.4
1981	204.1	197.9	195.8	197.0	208.9	210.2	203.4	201.8	206.1	206.9	203.6
1982		203.2	209.1										

See footnotes at end of tables.

SIC 566—SHOE STORES (Con.)

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	64.2	63.6	60.8	61.7	65.2	63.8	62.5	60.9	61.6	64.0	66.1	67.2	73.3
1978	68.4	68.4	64.7	65.7	66.1	65.5	66.5	65.9	66.5	69.4	70.6	73.7	78.1
1979	77.9	71.7	69.5	72.1	73.0	77.1	76.7	76.2	79.3	78.4	82.5	84.3	88.5
1980	83.5	82.5	80.8	80.8	82.7	83.1	83.2	81.5	82.6	84.7	83.9	84.2	90.5
1981	86.7	82.6	82.6	83.1	86.5	84.7	86.8	86.4	86.1	86.9	86.3	87.7	91.9
1982		84.6	85.2										

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	139.0	138.3	134.0	135.4	143.2	139.6	135.5	130.3	134.2	136.6	140.5	143.8	154.5
1978	143.1	144.6	137.2	139.2	140.2	140.0	139.5	137.2	138.6	143.3	146.0	150.4	161.3
1979	155.1	148.0	145.6	146.9	150.8	154.5	153.4	150.2	153.5	155.7	159.0	163.7	170.7
1980	161.9	159.9	157.6	156.5	162.6	161.3	161.5	156.6	159.8	162.2	162.4	165.0	175.9
1981	167.9	163.5	161.1	161.6	171.7	165.9	167.6	166.2	169.4	169.9	166.5	170.6	178.9
1982		172.8	170.0										

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	110.84	109.66	102.56	102.68	110.66	107.96	106.89	107.58	113.83	116.70	116.32	114.27	120.25
1978	117.85	113.79	107.07	108.59	113.00	114.45	110.90	118.66	120.74	124.20	124.66	121.64	123.26
1979	123.09	114.40	113.83	117.58	118.70	120.12	124.20	127.97	124.21	123.97	126.65	123.27	129.30
1980	128.74	122.67	119.57	121.41	123.06	125.49	126.33	123.06	130.63	132.77	132.11	135.94	139.76
1981	139.68	129.72	128.87	130.01	148.59	137.55	136.05	138.95	138.60	147.39	141.22	141.93	152.28
1982		130.02	136.77										

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.72	3.49	3.54	3.56	3.72	3.71	3.59	3.61	3.66	3.69	3.67	3.65	3.70
1978	4.01	3.87	3.77	3.81	3.91	4.00	3.89	3.91	3.96	4.01	4.03	4.01	4.03
1979	4.13	4.13	4.06	4.14	4.29	4.35	4.41	4.36	4.13	4.26	4.23	4.20	4.25
1980	4.47	4.38	4.24	4.29	4.38	4.45	4.41	4.46	4.34	4.45	4.41	4.42	4.46
1981	4.85	4.60	4.57	4.66	5.02	4.93	4.81	4.71	4.65	5.10	4.99	4.98	5.11
1982		4.76	4.81										

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	29.7	29.9	29.0	28.9	29.8	29.1	30.1	29.8	31.1	30.0	29.3	29.3	30.6
1978	29.4	29.4	28.6	28.5	28.6	29.3	30.4	30.5	29.5	29.2	29.1	29.1	29.7
1979	29.1	27.7	27.9	28.6	30.0	28.6	29.5	29.9	30.1	29.1	28.7	28.5	30.0
1980	28.8	28.1	28.2	28.3	28.1	28.2	29.1	29.7	30.1	28.8	28.7	28.5	29.8
1981	28.9	28.1	28.1	28.1	27.9	29.4	27.9	28.7	29.5	29.6	28.9	28.3	28.5	29.8
1982		27.2	27.3										

SIC 57—FURNITURE AND HOME FURNISHINGS STORES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	562.5	545.5	543.0	545.4	546.1	549.9	557.1	559.5	563.2	568.4	576.6	590.2	605.1
1978	568.7	567.7	561.5	560.4	564.1	568.7	591.2	587.7	590.3	597.2	603.4	616.6	626.6
1979	614.5	611.	609.1	612.7	609.5	608.6	611.4	611.7	617.7	615.1	618.7	633.5	632.2
1980	606.4	600.9	617.5	615.2	610.5	602.7	596.0	594.4	591.9	606.0	602.0	609.7	615.1
1981	599.0	600.9	593.5	591.3	592.9	592.1	597.0	598.1	595.7	597.7	603.6	609.9	615.0
1982		598.8	595.6										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	174.1	168.2	167.3	168.5	169.7	170.0	171.6	171.2	173.6	176.3	179.8	183.5	189.5
1978	185.	183.0	180.8	181.4	180.6	184.5	184.3	183.3	183.6	186.3	188.7	195.0	199.8
1979	195.9	185.2	184.1	186.6	187.3	186.6	188.6	188.6	187.9	192.1	194.4	200.5	210.0
1980	203.1	201.1	200.1	200.1	200.1	202.3	202.1	197.7	195.8	201.9	203.7	208.1	211.9
1981	205.3	206.5	203.8	204.9	204.7	203.1	201.1	202.5	202.6	203.8	208.4	211.1	214.0
1982		207.1	205.5										

SIC 57—FURNITURE AND HOME FURNISHINGS STORES (Con.)

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	471.7	461.4	455.7	457.5	457.6	460.1	466.2	468.2	470.3	474.5	482.7	496.5	510.0
1978	494.5	491.5	483.9	483.9	484.7	488.9	490.9	487.2	489.5	495.3	501.0	513.3	524.2
1979	509.3	508.9	504.7	509.1	504.5	504.1	506.6	506.7	506.5	507.0	511.3	517.1	525.6
1980	502.4	513.8	511.5	508.3	505.0	498.3	493.3	490.2	490.5	498.0	499.2	506.2	515.0
1981	495.3	498.4	490.9	488.4	489.6	489.2	492.0	493.9	491.7	493.1	498.9	505.6	511.8
1982			495.5	492.3									

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	156.73	152.33	151.71	152.42	153.12	154.09	156.91	158.51	158.42	158.30	158.75	158.45	167.61
1978	169.31	160.99	158.93	163.45	163.78	163.31	166.73	170.98	173.04	173.46	172.83	175.09	183.68
1979	182.34	177.45	175.24	176.09	177.66	178.69	183.02	184.25	184.93	185.33	184.98	186.38	193.50
1980	192.44	189.70	186.88	187.95	185.46	185.46	189.31	193.55	197.82	195.51	196.53	197.34	203.70
1981	206.12	201.78	199.04	201.34	199.28	201.48	203.93	209.21	210.14	209.50	208.98	210.02	214.20
1982		209.84	210.40										

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	4.44	4.34	4.31	4.33	4.35	4.39	4.42	4.44	4.45	4.51	4.51	4.54	4.63
1978	4.81	4.68	4.58	4.67	4.72	4.72	4.75	4.83	4.82	4.90	4.91	4.95	5.06
1979	5.18	5.07	5.05	5.06	5.12	5.13	5.17	5.19	5.18	5.25	5.27	5.28	5.39
1980	5.53	5.42	5.37	5.37	5.36	5.36	5.44	5.53	5.62	5.70	5.68	5.72	5.82
1981	5.94	5.90	5.82	5.87	5.81	5.84	5.86	5.91	5.97	6.02	6.04	6.07	6.12
1982		6.19	6.17										

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	35.3	35.1	35.2	35.2	35.2	35.1	35.5	35.7	35.6	35.1	35.2	34.9	35.2
1978	35.2	34.4	34.7	35.0	34.7	34.6	35.1	35.4	35.9	35.4	35.2	35.3	36.3
1979	35.2	35.0	34.7	34.8	34.7	34.9	35.4	35.5	35.7	35.3	35.1	35.3	35.9
1980	34.6	35.0	34.8	35.0	34.6	34.6	34.8	35.0	35.2	34.3	34.6	34.5	35.0
1981	34.7	34.2	34.2	34.3	34.3	34.5	34.8	35.4	35.2	34.8	34.6	34.6	35.0
1982		33.9	34.1										

SIC 571—FURNITURE AND HOME FURNISHINGS STORES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	342.7	329.4	326.0	330.3	332.5	334.4	341.5	344.6	346.4	349.0	354.4	358.3	363.1
1978	363.0	355.6	353.7	354.4	355.3	357.7	361.2	361.0	362.5	367.4	370.1	376.6	379.9
1979	376.5	372.3	370.7	374.0	373.5	373.3	375.7	375.7	376.1	377.3	379.4	382.6	387.8
1980	375.2	381.8	380.3	380.9	378.6	373.9	374.1	369.8	369.3	370.5	370.1	374.5	378.9
1981	371.4	369.3	365.8	366.6	368.8	370.4	373.3	373.8	371.8	371.9	373.8	374.7	376.6
1982		367.8	365.4										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	118.1	113.2	112.6	113.6	115.4	115.5	117.6	118.0	118.8	119.9	122.3	123.9	126.1
1978	126.2	123.2	122.5	122.3	123.2	125.0	125.3	125.6	126.0	127.4	128.8	131.6	133.2
1979	132.8	130.9	129.6	130.6	131.5	132.1	132.7	131.7	131.6	133.0	134.7	136.7	138.0
1980	135.0	135.6	135.1	135.9	135.3	134.2	134.1	132.8	131.9	134.1	134.1	137.5	139.3
1981	136.4	135.4	134.4	134.7	134.9	135.7	136.5	136.3	136.2	136.6	138.5	138.9	139.7
1982		135.9	135.3										

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	291.6	282.9	280.2	281.8	282.6	284.2	290.5	293.3	293.7	296.1	300.8	304.5	309.2
1978	306.3	301.2	298.4	299.4	299.8	301.3	304.7	304.7	305.4	309.3	312.1	317.9	321.3
1979	315.7	312.3	311.3	314.0	313.7	313.9	315.8	315.6	315.9	314.5	317.0	319.9	324.8
1980	312.5	318.9	317.7	316.8	315.0	311.2	311.6	307.7	307.2	308.2	307.9	311.3	315.9
1981	307.8	306.6	303.1	303.9	305.9	306.7	309.0	309.5	307.6	307.9	309.6	310.7	312.8
1982		303.5	301.1										

See footnotes at end of tables.

SIC 571—FURNITURE AND HOME FURNISHINGS STORES (Con.)

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	162.49	155.23	155.58	155.94	157.88	159.56	162.24	163.30	164.47	164.50	165.56	166.25	174.34
1978	174.94	169.13	166.12	169.66	170.80	171.50	173.89	176.00	177.86	176.75	176.59	180.93	185.21
1979	186.91	182.70	179.90	181.31	181.65	182.35	187.09	188.15	189.92	190.10	188.67	190.64	196.21
1980	194.39	193.40	190.90	192.90	189.81	190.01	192.24	193.28	196.49	195.39	195.92	200.20	203.91
1981	206.12	201.14	199.52	200.90	200.31	202.76	204.66	209.09	210.70	210.63	207.95	209.07	215.01
1982		207.93	208.76										

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	4.59	4.41	4.42	4.43	4.46	4.52	4.57	4.60	4.62	4.66	4.69	4.75	4.88
1978	4.97	4.86	4.76	4.82	4.88	4.90	4.94	5.00	5.01	5.05	5.06	5.14	5.31
1979	5.31	5.25	5.20	5.21	5.25	5.24	5.30	5.33	5.32	5.37	5.36	5.37	5.48
1980	5.57	5.51	5.47	5.48	5.47	5.46	5.54	5.57	5.63	5.68	5.63	5.70	5.76
1981	5.94	5.83	5.80	5.84	5.84	5.86	5.87	5.94	6.02	6.07	6.01	6.06	6.14
1982		6.17	6.14										

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	35.4	35.2	35.2	35.2	35.4	35.3	35.5	35.6	35.3	35.3	35.0	35.1	36.1
1978	35.2	34.8	34.9	35.2	35.0	35.0	35.2	35.1	35.5	35.0	34.9	35.2	36.1
1979	35.2	34.8	34.6	34.8	34.6	34.8	35.3	35.3	35.7	35.4	35.2	35.5	36.1
1980	34.9	35.1	34.9	35.2	34.7	34.8	34.7	34.9	35.0	34.8	34.8	35.0	35.4
1981	34.7	34.5	34.4	34.4	34.3	34.6	34.9	35.2	35.0	34.7	34.6	34.5	35.1
1982		33.7	34.0										

SIC 572—HOUSEHOLD APPLIANCE STORES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	83.2	83.8	81.8	81.8	80.9	81.6	81.6	82.7	83.0	83.5	84.2	84.3	88.1
1978	84.9	84.8	84.1	83.7	83.9	84.1	85.1	84.6	84.4	84.8	84.8	86.9	87.1
1979	85.9	86.4	85.8	85.9	84.7	84.1	85.8	86.2	86.4	85.9	86.4	86.3	86.3
1980	82.1	84.8	83.6	82.7	81.8	80.9	80.0	80.2	80.9	81.9	82.0	82.7	83.1
1981	79.7	80.5	79.7	79.3	78.0	78.1	79.0	79.7	79.6	79.7	80.6	82.6	82.1
1982		81.3	81.6										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	22.3	22.5	21.7	21.5	21.1	22.0	21.7	21.2	22.1	22.4	23.2	24.0	24.2
1978	23.0	22.7	23.0	23.0	23.0	22.8	23.0	22.5	23.1	22.8	22.9	24.1	24.1
1979	23.4	23.7	23.6	23.8	23.7	23.3	23.5	23.4	23.1	23.2	23.5	23.3	23.5
1980	22.5	23.3	22.6	22.6	22.3	21.9	21.6	21.9	21.9	22.4	22.4	23.1	24.1
1981	22.4	22.9	22.7	22.3	22.0	21.6	21.8	22.1	21.5	21.4	22.6	23.7	23.8
1982		23.3	23.4										

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	71.2	71.3	69.5	69.6	68.9	69.5	69.7	71.0	71.3	70.5	72.2	74.6	76.1
1978	72.4	72.6	71.8	71.2	71.2	71.8	72.4	71.8	71.6	72.2	72.3	73.4	75.2
1979	73.4	73.7	73.0	73.4	73.4	73.8	73.9	73.6	73.9	73.4	74.2	74.0	74.4
1980	70.5	72.7	71.7	71.2	70.4	69.6	68.8	69.2	69.2	70.0	70.2	70.8	71.3
1981	68.0	68.9	68.2	66.7	66.6	66.5	67.2	68.1	67.3	66.9	68.5	70.2	70.7
1982		69.0	69.0										

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	170.82	172.96	170.11	170.56	171.55	170.03	170.09	171.19	171.34	167.90	171.39	170.89	177.12
1978	179.70	167.21	166.62	171.64	174.74	170.38	176.00	179.95	164.50	166.56	168.77	168.59	169.08
1979	195.84	187.59	191.55	193.68	192.60	196.38	200.38	199.84	202.00	194.70	192.78	197.11	201.65
1980	203.55	194.54	194.10	197.58	194.50	195.71	200.15	205.65	210.63	209.90	213.60	206.49	214.13
1981	214.42	211.93	211.64	215.07	214.72	219.44	222.41	224.90	221.08	221.79	217.27	219.83	223.78
1982		216.62	217.75										

SIC 572—HOUSEHOLD APPLIANCE STORES (Con.)

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.68	4.70	4.61	4.66	4.74	4.71	4.66	4.69	4.72	4.69	4.67	4.66	4.65
1978	4.95	4.71	4.72	4.80	4.95	4.91	4.93	4.93	4.92	5.07	5.09	5.10	5.21
1979	5.43	5.24	5.32	5.38	5.38	5.44	5.52	5.49	5.50	5.50	5.40	5.46	5.57
1980	5.79	5.48	5.53	5.55	5.51	5.56	5.67	5.75	5.90	5.98	6.00	5.99	6.05
1981	6.17	6.09	6.07	6.11	6.10	6.20	6.23	6.23	6.21	6.23	6.19	6.21	6.21
1982		6.41	6.33										

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	36.5	36.6	36.9	36.6	36.2	36.1	36.5	36.5	36.3	35.8	36.7	37.1	37.0
1978	36.1	35.5	35.3	35.8	35.3	34.7	35.7	36.5	37.5	36.8	36.3	36.9	37.1
1979	36.0	35.8	36.0	36.0	35.8	36.1	36.3	36.4	36.4	35.4	35.7	36.1	36.2
1980	35.4	35.5	35.1	35.6	35.3	35.2	35.3	35.8	35.7	35.1	35.6	34.8	35.4
1981	35.4	34.5	34.9	35.2	35.2	35.4	35.7	36.1	35.6	35.6	35.1	35.4	35.7
1982		34.1	34.4										

SIC 573—RADIO, TELEVISION, AND MUSIC STORES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	136.7	132.5	133.0	133.3	133.1	133.9	134.0	132.0	133.8	136.9	138.0	145.6	153.6
1978	146.6	147.6	144.1	144.3	145.0	146.9	144.9	141.6	143.4	145.0	147.9	152.5	158.7
1979	152.5	154.8	152.5	152.6	151.7	151.4	150.9	149.8	149.2	151.9	152.9	155.0	158.0
1980	146.1	154.1	153.6	151.6	149.9	147.9	141.9	141.4	141.7	147.6	149.9	152.5	156.3
1981	147.9	151.1	149.1	146.4	146.1	143.6	144.9	145.0	145.3	147.1	149.4	150.6	155.5
1982		149.8	149.6										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	33.8	32.5	32.9	33.4	33.2	32.5	32.3	32.0	32.7	34.0	34.3	36.0	39.2
1978	36.5	37.1	35.9	36.1	36.4	37.1	36.0	34.9	35.5	36.1	37.0	39.1	42.2
1979	41.7	40.4	40.6	42.0	42.1	42.4	43.1	43.5	43.2	42.6	46.2	46.9	48.5
1980	49.5	48.0	47.1	46.8	45.6	45.1	42.0	41.0	42.0	45.4	47.0	47.5	48.6
1981	46.1	46.2	46.1	45.9	45.8	45.8	43.8	44.1	45.1	45.6	47.3	48.5	50.5
1982		47.9	47.0										

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	108.6	107.2	106.0	105.9	106.1	106.4	106.0	103.9	105.3	108.0	109.7	117.4	124.3
1978	115.9	117.4	113.7	113.3	113.3	115.6	113.6	110.7	112.5	113.6	116.6	121.6	127.7
1979	120.7	122.9	120.4	121.7	119.4	119.4	117.9	117.5	116.7	119.1	120.1	123.2	126.4
1980	116.5	122.2	120.1	120.4	119.1	117.5	112.9	113.3	114.1	119.5	121.2	124.1	127.6
1981	119.5	122.9	119.4	117.8	117.1	116.0	115.8	116.3	116.8	118.3	120.8	124.6	128.3
1982		123.0	122.2										

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	131.62	130.76	129.66	130.72	129.96	130.22	132.90	137.11	134.65	133.96	133.33	128.54	147.65
1978	147.41	137.00	135.61	140.27	139.93	137.61	142.42	152.57	153.06	156.72	155.23	150.67	163.08
1979	162.78	156.45	153.32	153.11	156.47	156.64	161.32	163.90	162.73	166.34	168.26	169.44	180.70
1980	180.09	178.99	170.66	168.98	169.10	166.66	174.73	186.91	192.06	187.71	187.25	183.48	197.64
1981	198.02	197.94	188.91	194.30	187.04	186.48	190.18	199.09	202.00	200.33	208.12	207.05	208.04
1982		208.26	210.66										

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.67	3.68	3.60	3.60	3.80	3.83	3.83	3.83	3.82	3.94	3.91	3.86	4.09
1978	4.26	4.16	4.03	4.15	4.14	4.12	4.14	4.31	4.24	4.39	4.41	4.38	4.53
1979	4.66	4.54	4.47	4.49	4.62	4.58	4.57	4.63	4.61	4.78	4.92	4.94	5.09
1980	5.08	5.11	4.99	4.97	4.98	4.96	5.05	5.28	5.41	5.57	5.64	5.56	5.83
1981	5.79	5.98	5.69	5.80	5.55	5.55	5.61	5.64	5.69	5.79	6.05	6.02	6.03
1982		6.09	6.14										

SIC 573—RADIO, TELEVISION, AND MUSIC STORES (Con.)

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	34.5	33.7	34.2	34.4	34.2	34.0	34.7	35.8	35.3	34.0	34.1	33.3	36.1
1978	34.6	32.8	33.7	33.8	33.8	33.4	34.4	35.4	36.1	35.7	35.2	34.4	36.0
1979	34.7	34.9	34.3	34.1	34.3	34.2	35.3	35.4	35.3	34.8	34.2	34.3	35.5
1980	34.1	34.5	34.2	34.0	34.0	33.6	34.6	35.4	35.5	33.7	33.2	33.0	33.9
1981	34.2	33.1	33.2	33.5	33.7	33.6	33.9	35.3	35.5	34.6	34.4	34.4	34.5
1982		34.2	34.3										

SIC 58—EATING AND DRINKING PLACES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3,948.6	3,591.2	3,612.0	3,708.0	3,899.4	4,000.5	4,067.5	4,078.4	4,121.4	4,160.7	4,059.5	4,040.4	4,044.5
1978	4,277.2	3,917.5	3,939.0	4,033.1	4,225.6	4,341.2	4,409.8	4,416.9	4,452.0	4,474.5	4,382.8	4,365.8	4,368.2
1979	4,513.1	4,206.5	4,237.3	4,346.4	4,480.2	4,592.2	4,650.8	4,602.1	4,639.3	4,663.1	4,596.9	4,570.6	4,571.4
1980	4,625.8	4,373.2	4,397.2	4,460.8	4,610.6	4,708.0	4,755.2	4,723.7	4,761.4	4,768.4	4,661.1	4,633.5	4,636.4
1981	4,743.3	4,464.7	4,489.3	4,576.2	4,738.6	4,826.1	4,888.1	4,852.8	4,876.0	4,891.9	4,792.0	4,758.1	4,762.1
1982		4,578.7	4,626.6										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	2,203.6	1,992.4	2,011.2	2,068.8	2,170.4	2,233.2	2,261.5	2,270.2	2,298.8	2,328.9	2,273.0	2,263.8	2,270.5
1978	2,390.9	2,191.3	2,199.5	2,248.5	2,359.4	2,426.1	2,457.8	2,464.4	2,484.4	2,500.9	2,454.5	2,449.5	2,454.2
1979	2,553.1	2,368.8	2,386.2	2,451.6	2,530.3	2,600.8	2,629.3	2,600.0	2,625.0	2,636.5	2,610.1	2,591.7	2,607.2
1980	2,604.5	2,475.3	2,474.5	2,518.9	2,584.7	2,647.3	2,697.0	2,651.9	2,669.9	2,685.3	2,612.4	2,622.5	2,614.3
1981	2,661.3	2,514.1	2,519.6	2,562.4	2,636.3	2,692.7	2,742.1	2,718.7	2,724.9	2,755.9	2,691.3	2,682.6	2,684.9
1982		2,562.2	2,592.6										

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3,665.4	3,342.7	3,357.2	3,447.5	3,626.7	3,722.5	3,781.0	3,787.1	3,822.0	3,853.3	3,757.8	3,741.5	3,745.1
1978	3,946.1	3,626.2	3,641.4	3,728.6	3,904.1	4,010.7	4,068.0	4,066.4	4,103.8	4,119.9	4,038.0	4,022.4	4,023.1
1979	4,187.9	3,862.6	3,892.9	3,989.2	4,112.2	4,217.6	4,276.0	4,230.3	4,266.2	4,284.7	4,230.4	4,205.6	4,207.9
1980	4,256.8	4,016.2	4,046.3	4,120.8	4,243.0	4,336.0	4,373.7	4,341.2	4,378.0	4,389.2	4,293.2	4,268.4	4,270.9
1981	4,370.0	4,099.4	4,123.1	4,212.1	4,370.2	4,453.5	4,509.8	4,476.3	4,492.6	4,512.5	4,420.5	4,384.2	4,385.5
1982		4,204.9	4,252.5										

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS[1]

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	81.75	79.46	80.32	80.33	81.19	81.19	82.06	84.10	84.68	81.42	81.99	81.35	81.84
1978	87.26	82.65	83.11	84.69	85.86	86.16	87.73	90.88	90.20	88.62	88.83	87.72	88.25
1979	90.74	87.29	88.49	89.18	90.82	89.87	91.56	93.91	93.91	91.96	90.57	90.65	92.93
1980	96.31	92.09	93.06	94.06	94.69	94.94	97.52	98.26	100.37	92.86	96.98	97.50	98.28
1981	103.10	98.67	100.46	101.01	101.14	101.79	103.75	106.11	107.29	103.88	103.48	103.86	104.75
1982		100.78	104.09										

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS[1]

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	2.93	2.90	2.91	2.90	2.91	2.91	2.91	2.91	2.92	2.95	2.96	2.98	3.02
1978	3.22	3.15	3.16	3.16	3.18	3.18	3.19	3.20	3.21	3.27	3.29	3.31	3.33
1979	3.45	3.45	3.43	3.43	3.44	3.43	3.43	3.44	3.44	3.47	3.47	3.50	3.52
1980	3.69	3.64	3.65	3.66	3.67	3.68	3.68	3.68	3.69	3.72	3.73	3.75	3.78
1981	3.95	3.90	3.91	3.90	3.92	3.93	3.93	3.93	3.93	3.98	3.98	4.01	4.06
1982		4.08	4.05										

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	27.9	27.4	27.6	27.7	27.9	27.9	28.2	28.9	29.0	27.6	27.7	27.3	27.1
1978	27.1	26.3	26.3	25.8	27.0	27.1	27.5	28.4	28.1	27.1	27.0	26.5	26.5
1979	26.3	25.3	25.8	26.0	26.4	26.2	26.7	27.3	27.3	26.5	26.1	25.9	26.4
1980	26.1	25.3	25.5	25.7	25.8	25.8	26.5	26.7	27.2	26.2	26.0	26.0	26.0
1981	26.1	25.3	25.7	25.9	25.8	25.9	26.4	27.0	27.3	26.1	26.0	25.9	25.8
1982		24.7	25.7										

See footnotes at end of tables.

SIC 59—MISCELLANEOUS RETAIL

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	1,739.7	1,730.4	1,702.2	1,691.9	1,703.3	1,714.2	1,704.6	1,692.0	1,705.8	1,721.5	1,760.9	1,828.6	1,930.5
1978	1,816.2	1,781.8	1,762.2	1,770.2	1,771.1	1,792.5	1,794.1	1,779.7	1,783.6	1,808.1	1,842.9	1,908.5	2,000.8
1979	1,885.7	1,871.5	1,855.5	1,849.2	1,858.7	1,866.8	1,855.8	1,840.1	1,837.0	1,864.2	1,905.7	1,965.5	2,059.3
1980	1,912.2	1,910.7	1,905.1	1,892.3	1,876.4	1,885.6	1,870.4	1,855.4	1,866.8	1,901.1	1,937.3	1,980.9	2,063.4
1981	1,957.6	1,934.7	1,920.9	1,899.0	1,909.4	1,926.9	1,926.9	1,916.4	1,933.7	1,961.7	1,998.3	2,048.5	2,117.2
1982		1,998.0	1,974.6										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	884.1	877.8	857.9	853.0	858.4	868.1	862.5	856.0	863.6	873.3	899.1	936.1	1,003.6
1978	943.7	926.2	897.4	904.0	907.9	922.2	922.4	915.4	926.0	947.5	974.5	1,021.4	1,075.7
1979	1,000.5	996.1	974.0	969.7	986.1	995.4	990.9	972.0	970.1	991.2	1,014.0	1,054.0	1,115.2
1980	1,017.7	1,011.7	1,014.0	1,004.0	993.1	1,000.3	988.9	971.9	985.9	1,011.8	1,036.1	1,069.3	1,122.6
1981	1,063.8	1,049.0	1,043.1	1,030.8	1,034.8	1,049.3	1,046.1	1,034.6	1,049.4	1,077.0	1,101.7	1,135.3	1,181.8
1982		1,091.5	1,081.8										

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	1,522.2	1,509.7	1,483.8	1,474.1	1,486.7	1,494.1	1,488.8	1,476.9	1,490.0	1,505.0	1,545.5	1,601.5	1,706.2
1978	1,598.7	1,567.1	1,548.1	1,556.8	1,554.8	1,574.5	1,576.1	1,562.5	1,564.1	1,592.3	1,622.3	1,686.5	1,776.8
1979	1,662.3	1,650.8	1,640.1	1,631.2	1,639.8	1,646.3	1,630.9	1,626.0	1,623.1	1,637.1	1,677.0	1,735.7	1,829.2
1980	1,676.6	1,662.6	1,677.5	1,663.5	1,646.6	1,654.7	1,635.5	1,620.3	1,631.0	1,660.8	1,695.1	1,738.8	1,812.5
1981	1,709.4	1,688.2	1,673.8	1,652.9	1,662.7	1,678.4	1,676.1	1,668.9	1,685.8	1,711.3	1,743.9	1,797.3	1,867.8
1982		1,741.9	1,726.4										

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	122.55	119.48	118.51	120.43	121.50	122.15	123.23	126.16	126.11	128.40	125.78	125.39	129.70
1978	133.93	129.28	126.60	130.32	130.25	130.05	131.70	134.64	135.43	133.95	133.66	133.24	140.01
1979	143.61	139.28	140.76	139.96	138.29	140.24	142.65	145.72	147.27	146.06	146.10	146.53	149.25
1980	152.29	149.93	149.45	149.28	146.32	148.80	150.87	153.28	154.68	152.39	153.19	154.62	159.25
1981	160.97	157.68	158.50	157.68	158.07	159.00	160.02	163.07	163.01	161.41	161.92	162.97	167.05
1982		162.87	165.01										

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.79	3.71	3.70	3.74	3.75	3.77	3.78	3.80	3.81	3.84	3.87	3.87	3.86
1978	4.09	3.99	4.00	4.01	4.02	4.02	4.03	4.05	4.11	4.06	4.09	4.09	4.13
1979	4.44	4.36	4.44	4.41	4.34	4.41	4.41	4.47	4.49	4.55	4.56	4.59	4.61
1980	4.65	4.79	4.79	4.80	4.80	4.80	4.82	4.82	4.84	4.90	4.91	4.94	4.90
1981	5.11	5.07	5.08	5.07	5.05	5.08	5.08	5.08	5.11	5.19	5.19	5.19	5.14
1982		5.34	5.34										

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	32.6	32.0	32.3	32.2	32.4	32.4	32.6	33.2	33.1	32.5	32.5	32.4	33.6
1978	32.5	32.4	32.4	32.5	32.4	32.4	32.6	33.0	33.0	32.7	32.9	31.9	33.1
1979	32.1	31.7	31.7	31.6	31.5	31.6	32.2	32.6	32.8	32.1	31.9	32.0	33.0
1980	31.4	31.0	31.2	31.1	30.9	31.0	31.3	31.8	32.0	31.1	31.2	31.3	32.5
1981	31.5	31.1	31.2	31.1	31.3	31.3	31.5	32.1	31.9	31.7	31.2	31.4	32.5
1982		30.6	30.9										

SIC 591—DRUG STORES AND PROPRIETARY STORES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	462.2	466.5	474.6	473.7	472.5	477.0	479.1	474.2	476.1	476.5	477.9	482.6	536.2
1978	483.7	487.3	475.2	477.1	476.2	475.7	482.0	481.0	480.3	482.1	484.0	488.6	509.0
1979	489.1	496.5	483.9	486.3	486.4	485.5	489.3	486.3	483.7	482.0	484.6	490.2	514.8
1980	495.6	501.8	493.6	492.7	490.4	492.5	493.1	488.6	491.7	497.1	499.9	496.5	509.8
1981	498.5	496.1	493.3	489.1	488.4	490.9	493.6	497.7	500.7	497.8	503.6	509.4	518.4
1982		507.1	497.3										

See footnotes at end of tables.

SIC 591—DRUG STORES AND PROPRIETARY STORES (Con.)

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	274.1	276.0	269.8	269.1	267.7	270.1	272.1	270.6	270.8	271.4	272.0	275.4	304
1978	283.1	278.9	272.6	273.5	275.2	275.1	279.6	280.9	283.7	286.6	285.0	292.8	307.1
1979	300.9	299.2	290.7	290.3	297.8	299.4	301.7	301.1	299.9	299.9	302.5	306.1	322.1
1980	307.0	309.7	306.6	305.5	301.7	304.2	303.8	300.3	302.4	308.1	311.2	309.1	322.1
1981	314.5	315.0	310.2	306.9	308.4	309.4	311.7	310.0	313.7	315.4	319.1	323.8	335.1
1982		321.4	315.8										

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	436.6	440.4	429.0	427.9	427.4	430.6	433.8	429.8	431.4	431.2	433.7	434.4	484.1
1978	440.1	443.4	431.6	434.1	433.0	433.0	439.1	438.1	437.2	439.0	441.0	446.1	464.4
1979	446.0	453.2	440.9	443.1	443.7	442.7	445.6	443.2	441.8	438.9	441.5	447.0	471.2
1980	450.1	458.6	449.3	450.2	447.3	448.4	447.8	442.6	445.0	450.7	453.5	449.0	467.3
1981	450.1	452.0	445.6	442.3	440.9	442.6	445.0	443.5	451.0	454.4	458.1	460.4	482.0
1982		456.6	447.1										

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	111.33	105.70	107.44	107.22	108.30	110.53	112.00	114.66	114.50	113.29	112.24	111.50	134.16
1978	118.58	115.18	113.70	114.38	113.67	115.36	118.35	123.52	124.29	120.67	120.24	120.34	137.45
1979	126.34	123.72	123.02	122.50	120.09	122.41	126.23	129.20	129.34	127.62	127.71	130.71	151.45
1980	138.99	131.24	129.64	130.74	129.06	129.65	130.10	132.58	133.84	135.01	136.62	132.71	151.45
1981		133.17	133.92	133.92	134.10	135.25	137.89	141.47	142.02	143.64	141.98	143.96	164.16
1982		140.66	141.45										

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.65	3.62	3.65	3.61	3.61	3.66	3.66	3.64	3.67	3.69	3.68	3.68	3.68
1978	3.85	3.80	3.79	3.80	3.83	3.82	3.83	3.88	3.89	3.89	3.90	3.92	3.96
1979	4.09	4.03	4.04	4.03	3.97	4.01	4.03	4.05	4.08	4.11	4.09	4.10	4.15
1980	4.44	4.39	4.39	4.43	4.41	4.44	4.41	4.39	4.41	4.43	4.48	4.51	4.49
1981	4.76	4.74	4.65	4.65	4.64	4.66	4.69	4.70	4.75	4.82	4.83	4.92	4.98
1982		4.96	4.97										

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	30.5	29.2	29.9	29.7	30.2	30.2	30.6	31.5	31.2	30.7	30.6	30.3	31.5
1978	30.6	30.3	30.0	30.1	30.2	30.2	30.9	32.0	31.7	31.1	30.9	30.7	31.1
1979	30.9	30.7	30.5	30.5	30.3	30.7	31.4	31.9	31.7	31.0	30.9	31.1	31.9
1980	29.5	29.9	29.6	29.4	29.2	29.3	29.5	30.2	30.2	29.9	29.9	29.7	30.7
1981	29.2	28.7	28.8	28.8	28.9	28.9	29.4	30.1	29.9	29.2	28.8	28.2	29.1
1982		28.4	28.5										

SIC 592—LIQUOR STORES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	112.7	108.9	107.4	108.6	110.9	110.9	111.3	113.3	113.6	113.5	114.0	117.3	123.1
1978	120.9	117.0	115.8	115.9	118.0	119.5	122.4	122.8	120.7	121.1	121.6	126.2	128.4
1979	127.5	123.5	124.3	122.5	121.6	124.9	126.7	128.0	129.7	128.9	130.8	133.1	136.9
1980	129.1	129.9	127.4	127.1	125.4	127.5	129.1	130.0	128.9	128.7	129.9	130.6	137.1
1981	134.3	130.3	129.9	128.8	129.4	132.3	135.6	136.0	136.1	133.1	136.6	138.1	143.4
1982		136.8	134.7										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	22.6	22.8	22.4	21.8	21.7	21.8	21.9	22.5	22.5	22.4	22.6	23.3	25.2
1978	24.3	24.5	24.1	24.0	24.3	24.8	25.2	25.6	26.2	26.9	27.9	29.4	31.4
1979	31.6	29.0	29.7	29.9	29.2	32.7	32.0	32.1	32.0	32.6	32.6	33.1	34.8
1980	32.3	32.1	31.0	30.3	30.0	29.9	30.6	30.7	31.5	31.4	33.1	32.1	34.1
1981	35.9	33.5	33.0	32.5	33.8	35.1	36.2	36.4	36.5	37.1	37.5	38.6	41.6
1982		36.8	36.2										

SIC 594—MISCELLANEOUS SHOPPING GOODS STORES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	495.0	483.6	474.3	474.2	475.6	478.8	484.0	482.1	490.2	495.0	509.3	531.4	561.0
1978	539.4	516.9	509.3	511.1	516.1	520.6	527.5	525.0	529.7	540.3	555.8	587.8	632.9
1979	568.5	554.7	544.7	548.5	548.4	551.8	552.5	550.7	549.2	566.2	578.7	613.1	663.1
1980	588.3	579.7	576.6	579.4	572.1	574.5	568.9	566.1	569.8	584.5	595.1	622.9	670.2
1981	617.9	605.7	594.9	593.9	591.4	598.5	601.0	598.4	607.9	627.0	634.9	659.2	702.4
1982		641.6	630.2										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	292.0	283.6	278.8	275.7	277.2	281.8	284.6	283.5	288.1	291.7	301.5	317.7	341.7
1978	322.0	305.8	299.2	300.3	304.2	306.3	311.7	309.9	314.9	324.1	335.4	361.5	390.9
1979	342.4	332.8	325.2	325.8	327.7	332.7	332.6	331.7	329.7	341.0	347.0	373.0	409.7
1980	354.2	348.5	345.9	346.9	340.4	343.3	340.9	336.2	341.0	350.4	358.9	382.4	415.8
1981	376.1	368.6	361.8	360.1	358.2	363.8	364.0	361.7	367.0	382.2	388.0	403.6	434.3
1982		388.9	380.4										

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	414.5	412.2	403.6	404.3	406.5	411.1	414.6	411.8	419.8	425.2	437.2	459.2	488.6
1978	463.1	443.5	436.9	437.9	441.6	444.1	451.7	448.8	453.1	464.5	477.0	506.3	551.3
1979	487.1	473.8	468.1	470.6	469.5	472.2	471.4	470.0	467.3	482.5	494.5	528.4	577.0
1980	502.9	495.1	492.8	493.5	488.1	490.2	484.1	481.2	485.6	496.7	510.1	537.7	578.7
1981	528.9	516.3	505.9	503.7	502.4	509.4	510.8	509.4	519.2	536.8	547.2	571.2	614.5
1982		552.5	541.9										

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	111.33	106.41	108.05	108.05	108.41	108.64	110.66	113.43	113.75	112.25	111.78	110.72	118.19
1978	116.70	114.08	114.33	116.49	116.81	116.69	119.51	122.47	124.09	121.20	121.37	118.04	128.84
1979	126.26	124.61	123.60	124.92	124.20	124.31	129.89	133.14	134.62	130.78	131.63	128.70	138.56
1980	137.11	136.04	134.68	135.45	134.52	134.54	136.65	140.26	141.34	138.00	136.94	135.27	142.46
1981	146.76	141.30	142.67	143.02	144.23	145.31	147.87	152.00	150.10	146.17	147.26	147.44	154.87
1982		145.53	149.20										

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.49	3.42	3.43	3.43	3.42	3.46	3.48	3.49	3.50	3.53	3.56	3.56	3.56
1978	3.60	3.58	3.70	3.71	3.72	3.74	3.77	3.78	3.83	3.86	3.89	3.87	3.94
1979	4.11	4.14	4.12	4.15	4.14	4.13	4.19	4.20	4.22	4.26	4.33	4.29	4.33
1980	4.54	4.55	4.55	4.53	4.56	4.53	4.51	4.51	4.53	4.60	4.58	4.57	4.48
1981	4.79	4.71	4.74	4.72	4.76	4.78	4.77	4.78	4.75	4.84	4.86	4.85	4.78
1982		4.85	4.99										

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	31.9	31.7	31.9	31.5	31.7	31.4	31.8	32.5	32.5	31.8	31.4	31.1	33.2
1978	31.8	31.0	30.9	31.4	31.4	31.2	31.7	32.4	32.4	31.4	31.2	30.5	32.7
1979	30.7	30.1	30.0	30.1	30.0	30.1	31.0	31.7	31.9	30.7	30.4	30.0	32.0
1980	30.2	29.6	29.6	29.9	29.5	29.7	30.3	31.1	31.2	30.0	29.9	29.6	31.8
1981	30.7	30.0	30.1	30.3	30.2	30.4	31.0	31.8	31.6	30.2	30.3	30.4	32.4
1982		29.4	29.9										

SIC 596—NONSTORE RETAILERS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	267.2	267.3	259.6	259.0	257.3	255.6	255.3	253.5	256.6	261.9	278.6	298.1	303.8
1978	280.4	273.3	262.8	272.0	273.0	274.1	276.1	273.6	275.4	282.2	289.6	303.8	308.5
1979	284.7	285.0	282.5	282.4	278.0	275.0	273.0	271.0	274.8	282.8	295.0	307.9	309.0
1980	271.5	280.4	274.8	272.0	264.9	258.9	254.1	251.1	256.2	268.2	282.8	294.4	300.1
1981	270.7	269.0	263.2	261.6	260.0	257.9	260.5	255.2	258.9	272.4	286.7	299.2	303.4
1982		277.5	268.9										

SIC 596—NONSTORE RETAILERS (Con.)

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	150.5	154.9	147.5	146.6	145.1	143.5	142.6	141.0	142.8	145.1	157.0	169.2	170.5
1978	157.8	152.3	146.8	152.5	152.5	152.8	154.2	152.6	154.5	158.4	165.0	175.4	176.7
1979	160.6	163.2	160.2	160.0	157.4	152.8	150.5	149.1	152.2	158.7	168.8	176.8	177.5
1980	156.4	160.0	157.5	156.2	153.4	148.7	145.5	143.1	146.7	156.4	163.7	171.8	174.1
1981	165.6	163.3	159.9	159.5	157.9	156.3	157.5	153.5	156.7	166.8	177.9	188.1	190.1
1982		172.0	165.9										

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	244.0	240.6	234.1	234.2	233.4	232.0	232.3	231.0	234.6	240.0	257.3	276.6	282.4
1978	261.5	254.2	243.7	252.7	253.5	254.7	256.2	254.4	256.5	263.2	271.2	285.2	292.8
1979	267.8	269.1	266.0	265.3	260.9	257.7	255.3	253.5	257.8	265.5	277.8	291.2	293.4
1980	252.8	264.4	257.9	254.5	246.7	241.1	236.4	233.6	238.7	250.3	260.4	272.3	277.7
1981	250.4	249.1	243.4	241.8	239.5	238.0	240.1	235.1	238.7	251.7	266.1	278.5	282.3
1982		256.4	247.7										

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	149.67	130.72	134.71	147.55	149.39	150.73	152.57	156.52	157.68	155.32	153.47	152.06	155.22
1978	164.50	157.60	156.73	166.52	165.86	163.79	166.14	165.30	166.82	166.41	164.22	163.54	169.48
1979	177.55	168.99	166.86	171.27	166.72	173.38	176.69	180.63	183.60	184.34	180.90	182.82	189.39
1980	190.48	184.24	181.03	184.34	184.76	186.15	191.48	194.05	196.13	194.97	192.72	194.25	204.84
1981	194.64	191.22	189.08	195.62	194.70	198.32	197.32	197.57	198.58	195.47	189.95	190.52	197.68
1982		190.83	197.60										

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.24	3.80	3.86	4.18	4.22	4.27	4.31	4.36	4.38	4.40	4.36	4.32	4.36
1978	4.70	4.49	4.44	4.60	4.62	4.64	4.68	4.75	4.78	4.88	4.83	4.81	4.87
1979	5.30	5.09	5.15	5.19	5.21	5.27	5.29	5.36	5.40	5.47	5.40	5.33	5.35
1980	5.72	5.60	5.57	5.62	5.72	5.71	5.75	5.81	5.82	5.82	5.77	5.73	5.77
1981	5.81	5.83	5.80	5.91	5.90	5.92	5.89	5.88	5.91	5.87	5.67	5.62	5.60
1982		6.02	6.08										

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	35.3	34.4	34.9	35.3	35.4	35.3	35.4	35.9	36.0	35.3	35.2	35.2	35.6
1978	35.0	35.1	35.3	36.2	35.9	35.3	35.5	34.8	34.9	34.1	34.0	34.0	34.8
1979	33.5	33.2	32.4	33.0	32.0	32.9	33.4	33.7	34.0	33.7	33.5	34.3	35.4
1980	33.3	32.9	32.5	32.8	32.3	32.6	33.3	33.4	33.7	33.5	33.4	33.9	35.5
1981	33.5	32.8	32.6	33.1	33.0	33.5	33.5	33.6	33.6	33.3	33.5	33.9	35.3
1982		31.7	32.5										

SIC 598—FUEL AND ICE DEALERS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	103.2	112.8	113.1	106.2	101.7	98.8	98.1	97.6	97.9	97.6	101.1	104.8	109.0
1978	103.8	110.6	111.1	108.7	102.2	99.6	98.6	97.7	97.7	99.1	102.6	106.4	111.1
1979	106.1	113.2	113.8	110.9	106.2	102.9	101.4	100.1	99.8	100.5	105.0	108.7	110.6
1980	105.1	111.1	110.5	108.7	103.8	102.1	101.8	100.7	100.8	101.3	104.0	106.9	109.5
1981	104.3	111.7	110.2	107.0	102.9	101.1	101.0	100.5	99.8	100.3	103.8	105.0	107.8
1982		110.2	109.5										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	21.7	22.7	23.1	22.0	21.4	21.1	20.9	20.8	21.0	20.9	21.6	22.3	22.6
1978	22.1	22.6	22.8	22.7	22.0	21.7	21.4	21.2	21.2	21.7	22.4	22.6	23.3
1979	23.4	24.1	24.2	24.3	23.7	23.1	22.6	22.3	22.2	22.5	23.3	24.0	24.2
1980	23.3	24.1	24.0	23.8	23.3	22.9	22.7	22.4	22.5	22.7	23.4	23.6	24.4
1981	23.6	24.6	24.2	24.1	23.4	23.1	22.9	22.7	22.9	23.2	23.9	24.1	24.6
1982		24.9	24.9										

See footnotes at end of tables

SIC 598—FUEL AND ICE DEALERS (Con.)

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	87.1	86.1	86.6	90.0	85.8	82.7	82.2	82.5	81.8	81.9	85.1	88.9	93.0
1978	88.1	84.5	85.1	92.9	86.1	84.2	83.0	82.1	82.3	83.6	86.4	90.6	95.2
1979	89.6	87.4	87.8	94.8	90.1	87.2	85.7	84.1	84.0	84.1	88.1	91.7	93.5
1980	89.3	84.1	83.0	91.6	86.3	85.4	85.3	84.2	84.4	84.7	87.3	90.3	92.8
1981	87.1	82.5	83.0	89.9	85.9	84.1	83.7	83.1	81.9	83.0	86.5	87.8	90.7
1982		82.4	81.9										

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	200.60	220.11	206.75	190.61	193.98	191.20	181.09	191.39	184.05	192.17	205.13	206.52	223.24
1978	213.05	225.55	234.00	209.75	202.80	197.49	199.05	198.74	199.21	205.52	217.01	223.16	232.07
1979	234.63	247.86	271.30	225.98	226.33	219.64	222.91	221.76	222.91	226.20	236.74	240.52	244.16
1980	247.40	250.97	256.64	244.63	237.99	232.74	237.64	239.33	238.65	241.42	251.68	265.07	268.65
1981	268.71	266.61	276.42	261.71	256.70	254.22	256.90	256.99	259.84	259.67	278.56	278.46	283.68
1982		306.61	288.84										

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.99	5.06	4.97	4.88	4.91	4.89	4.85	4.87	4.86	4.94	5.09	5.19	5.29
1978	5.08	5.14	5.24	4.88	5.01	5.03	5.07	5.05	5.07	5.09	5.15	5.20	5.33
1979	5.35	5.43	5.61	5.18	5.15	5.19	5.24	5.26	5.26	5.30	5.40	5.46	5.51
1980	5.56	5.64	5.82	5.51	5.43	5.43	5.51	5.52	5.52	5.57	5.69	5.82	5.86
1981	5.89	5.91	6.04	5.81	5.77	5.77	5.85	5.85	5.85	5.89	6.04	6.14	6.20
1982		6.20	6.26	6.01	5.98	5.97	6.05	6.05	6.01	6.05	6.23	6.34	6.39

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	40.2	43.5	41.6	39.1	39.1	39.1	39.4	39.3	38.9	38.9	40.3	40.1	41.2
1978	39.6	42.0	42.7	39.8	39.0	39.2	38.5	38.1	37.9	38.2	39.2	39.6	40.5
1979	39.7	41.9	43.9	39.3	39.5	39.3	38.7	38.5	38.7	38.8	39.4	39.3	39.7
1980	38.9	39.9	40.1	38.8	38.2	37.6	38.3	38.5	38.4	38.2	38.9	39.8	39.8
1981	39.0	40.1	40.0	38.8	38.0	38.0	38.4	38.3	38.1	37.9	39.0	39.0	39.4
1982		41.1	39.3										

SIC 599—RETAIL STORES, NEC

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	229.1	223.3	224.7	221.9	236.1	242.9	228.4	220.9	215.6	224.5	227.1	232.9	246.5
1978	235.6	226.5	233.8	234.3	233.4	248.5	235.2	227.5	225.3	229.0	234.6	241.1	251.3
1979	243.0	241.9	252.0	242.8	261.3	269.1	253.9	247.0	243.4	247.1	254.6	257.7	266.8
1980	260.4	249.9	264.5	253.7	267.3	271.0	261.7	256.1	258.3	261.0	265.2	266.1	276.3
1981	270.0	257.8	259.5	258.9	274.9	282.7	272.5	266.0	267.5	268.0	269.8	273.2	279.0
1982		260.2	272.1										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	105.1	100.5	101.3	100.5	107.9	112.0	102.8	99.7	100.0	103.2	105.7	109.7	117.6
1978	112.1	107.2	113.9	112.5	110.7	121.7	110.1	105.2	104.9	107.6	112.5	116.6	121.9
1979	120.3	114.6	121.7	116.5	130.0	132.7	126.1	124.6	113.2	115.7	118.7	120.7	126.0
1980	124.5	118.1	127.6	119.6	123.3	130.4	123.8	118.5	120.1	121.6	126.1	125.2	135.2
1981	132.9	123.9	133.3	127.2	135.7	140.4	132.3	126.9	130.1	131.0	134.0	136.1	141.2
1982		128.6	137.7										

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	150.5	148.2	149.4	146.5	200.0	205.3	192.8	186.1	184.9	189.3	192.5	197.1	210.2
1978	199.7	191.4	203.2	199.5	197.5	212.9	199.9	191.9	188.9	192.7	197.2	205.5	215.4
1979	213.6	204.2	214.4	204.9	223.5	230.9	213.5	206.7	203.7	207.1	214.3	216.5	226.0
1980	220.6	209.2	225.6	215.0	230.9	230.3	216.9	215.6	214.8	217.5	222.0	225.2	231.7
1981	226.3	214.4	225.4	216.7	230.6	239.3	226.3	222.7	223.8	223.7	226.4	228.9	235.0
1982		217.5	230.6										

FINANCE, INSURANCE, AND REAL ESTATE

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
ALL EMPLOYEES—IN THOUSANDS													
1977	4,467	4,329	4,339	4,377	4,410	4,438	4,496	4,521	4,533	4,515	4,530	4,552	4,569
1978	4,558	4,563	4,593	4,633	4,655	4,690	4,763	4,797	4,805	4,775	4,784	4,814	4,829
1979	4,675	4,634	4,650	4,676	4,610	4,953	5,020	5,050	5,070	5,017	5,028	5,042	5,050
1980	5,045	5,057	5,065	5,090	5,108	5,139	5,201	5,227	5,229	5,188	5,197	5,206	5,218
1981	5,301	5,216	5,223	5,239	5,268	5,296	5,353	5,376	5,374	5,327	5,314	5,308	5,313
1982		5,290	5,289										
WOMEN EMPLOYEES—IN THOUSANDS													
1977	2,321	2,211	2,219	2,250	2,266	2,477	2,516	2,534	2,547	2,549	2,565	2,588	2,603
1978	2,508	2,503	2,529	2,565	2,598	2,675	2,715	2,739	2,753	2,745	2,760	2,784	2,797
1979	2,681	2,636	2,659	2,675	2,679	2,846	2,894	2,911	2,931	2,912	2,931	2,948	2,957
1980	2,939	2,971	2,994	3,006	3,015	3,019	3,042	3,062	3,067	3,049	3,065	3,080	3,095
1981	3,109	3,105	3,117	3,129	3,137	3,147	3,176	3,191	3,190	3,172	3,175	3,182	3,189
1982		3,172	3,178										
NONSUPERVISORY WORKERS—IN THOUSANDS[1]													
1977	3,197	3,051	3,064	3,094	3,109	3,352	3,376	3,428	3,446	3,453	3,433	3,444	3,460	3,471
1978	3,378	3,401	3,422	3,446	3,471	3,534	3,561	3,627	3,657	3,660	3,633	3,638	3,665	3,675
1979	3,507	3,470	3,481	3,509	3,451	3,858	3,897	3,948	3,973	3,969	3,927	3,929	3,936	3,940
1980	4,002	3,934	3,938	3,950	3,976	4,000	4,053	4,071	4,070	4,024	4,010	3,999	3,997
1981		3,963	3,965										
1982													
NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS[1]													
1977	165.26	163.60	163.07	162.34	163.07	164.53	163.44	165.71	165.71	166.25	169.36	168.07	169.99
1978	174.30	173.24	173.26	172.79	176.76	175.21	177.27	180.07	178.85	180.54	180.87	181.86	183.68
1979	190.77	186.17	188.19	186.56	189.12	187.20	188.08	191.50	190.61	194.39	194.03	196.38	199.47
1980	199.60	200.56	203.64	206.16	205.62	205.77	210.03	208.87	211.63	211.91	214.90	218.53	218.16
1981	229.16	224.40	224.41	225.68	225.42	225.63	225.63	227.46	232.23	230.04	232.77	236.02	234.21
1982		237.87	239.64										
NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS[1]													
1977	4.54	4.47	4.44	4.46	4.48	4.52	4.49	4.54	4.54	4.58	4.64	4.63	4.67
1978	4.69	4.76	4.76	4.76	4.80	4.84	4.87	4.92	4.90	4.96	5.01	5.01	5.06
1979	5.07	5.12	5.11	5.14	5.21	5.20	5.21	5.29	5.28	5.37	5.36	5.41	5.48
1980	5.79	5.54	5.61	5.68	5.68	5.70	5.77	5.77	5.83	5.87	5.92	6.02	6.01
1981	6.31	6.11	6.03	6.20	6.21	6.25	6.25	6.28	6.38	6.39	6.43	6.52	6.47
1982		6.36	6.42										
NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS[1]													
1977	36.4	36.6	36.4	36.4	36.4	36.4	36.4	36.5	36.5	36.3	36.5	36.3	36.4
1978	36.4	36.4	36.4	36.3	36.5	36.2	36.4	36.6	36.5	36.4	36.5	36.3	36.3
1979	36.2	36.4	36.4	36.3	36.3	36.0	36.1	36.2	36.1	36.2	36.2	36.3	36.4
1980	36.2	36.2	36.3	36.3	36.2	36.1	35.4	36.2	36.3	36.1	36.3	36.3	36.3
1981	36.3	36.4	36.4	36.4	36.3	36.1	36.1	36.3	36.4	36.0	36.2	36.2	36.2
1982		36.0	36.2										

SIC 60—BANKING

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
ALL EMPLOYEES—IN THOUSANDS													
1977	1,356.7	1,330.3	1,329.7	1,333.9	1,337.3	1,343.3	1,361.8	1,371.6	1,376.8	1,366.8	1,370.1	1,375.6	1,382.9
1978	1,423.1	1,385.2	1,389.5	1,395.5	1,400.5	1,408.3	1,428.3	1,439.3	1,445.2	1,436.5	1,440.9	1,450.0	1,457.9
1979	1,498.5	1,462.5	1,466.7	1,472.2	1,479.0	1,484.0	1,504.0	1,514.5	1,521.9	1,507.4	1,512.5	1,525.4	1,531.7
1980	1,570.6	1,542.0	1,546.4	1,552.7	1,556.0	1,560.2	1,575.6	1,585.6	1,587.4	1,574.6	1,579.4	1,588.9	1,597.7
1981	1,626.6	1,602.6	1,604.7	1,609.4	1,613.4	1,617.9	1,634.4	1,643.6	1,644.9	1,632.3	1,633.0	1,638.9	1,643.6
1982		1,644.8	1,643.2										
WOMEN EMPLOYEES—IN THOUSANDS													
1977	920.6	895.6	896.4	899.4	902.3	908.3	923.5	931.0	934.9	931.3	935.4	941.6	947.9
1978	984.1	951.6	955.9	960.1	964.9	971.9	987.6	993.9	999.8	996.6	1,001.7	1,009.6	1,015.7
1979	1,050.2	1,017.3	1,021.9	1,025.9	1,031.4	1,035.9	1,052.2	1,059.9	1,067.7	1,062.0	1,067.2	1,077.1	1,082.4
1980	1,112.0	1,089.6	1,095.0	1,099.3	1,101.7	1,104.2	1,115.7	1,120.9	1,121.8	1,114.1	1,119.0	1,127.9	1,134.7
1981	1,157.3	1,139.2	1,141.2	1,146.1	1,148.8	1,152.3	1,162.9	1,168.9	1,169.4	1,160.9	1,163.1	1,167.3	1,168.0
1982		1,168.3	1,168.9										
NONSUPERVISORY WORKERS—IN THOUSANDS													
1977	1,065.2	1,046.2	1,045.0	1,047.9	1,049.1	1,053.1	1,069.5	1,077.3	1,081.8	1,072.2	1,074.7	1,079.6	1,085.4
1978	1,112.6	1,085.7	1,088.3	1,092.7	1,095.7	1,101.2	1,119.3	1,125.8	1,130.7	1,121.1	1,123.4	1,130.6	1,136.3
1979	1,160.8	1,135.8	1,138.7	1,142.0	1,145.2	1,147.9	1,166.6	1,175.4	1,180.4	1,165.1	1,168.6	1,179.2	1,184.5
1980	1,210.1	1,189.9	1,193.3	1,197.8	1,199.9	1,203.1	1,214.4	1,223.3	1,224.2	1,211.5	1,213.8	1,222.0	1,226.2
1981	1,242.5	1,226.9	1,227.5	1,231.0	1,233.7	1,236.3	1,251.4	1,258.6	1,258.0	1,245.9	1,245.9	1,248.2	1,246.7
1982		1,241.5	1,239.3										
NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	143.86	140.56	140.91	140.91	141.66	142.74	142.03	144.26	143.86	144.91	147.23	146.00	146.73
1978	154.09	150.84	152.77	150.28	154.29	151.37	152.94	155.72	154.45	155.92	157.01	156.09	157.54
1979	164.89	160.67	162.14	161.25	163.97	161.28	162.54	166.08	164.44	167.90	166.78	169.05	172.17
1980	179.32	172.20	174.12	176.06	175.93	175.68	180.68	180.31	182.50	181.94	182.50	187.61	184.55
1981	196.37	190.84	195.61	194.14	193.61	194.55	194.91	195.28	200.75	197.29	200.39	202.38	200.20
1982		205.30	206.21										
NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	3.92	3.83	3.85	3.85	3.86	3.90	3.87	3.92	3.92	3.97	3.99	4.00	4.02
1978	4.21	4.11	4.14	4.14	4.17	4.17	4.19	4.22	4.22	4.26	4.29	4.30	4.34
1979	4.53	4.39	4.43	4.43	4.48	4.48	4.49	4.55	4.53	4.60	4.62	4.67	4.73
1980	4.94	4.77	4.81	4.85	4.86	4.88	4.95	4.94	5.00	5.04	5.00	5.14	5.07
1981	5.38	5.20	5.33	5.29	5.29	5.33	5.34	5.35	5.47	5.45	5.49	5.56	5.50
1982		5.64	5.72										
NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS													
1977	36.7	36.7	36.6	36.6	36.7	36.6	36.7	36.8	36.7	36.5	36.9	36.5	36.5
1978	36.6	36.7	36.9	36.3	37.0	36.3	36.5	36.9	36.6	36.6	36.6	36.3	36.3
1979	36.4	36.6	36.6	36.4	36.6	36.0	36.2	36.5	36.3	36.5	36.1	36.2	36.4
1980	36.3	36.1	36.2	36.3	36.2	36.0	36.5	36.5	36.5	36.1	36.5	36.5	36.4
1981	36.5	36.7	36.7	36.7	36.6	36.5	36.5	36.5	36.7	36.2	36.5	36.4	36.4
1982		36.4	36.4										

See footnotes at end of tables.

SIC 602—COMMERCIAL AND STOCK SAVINGS BANKS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	1,238.4	1,216.2	1,215.3	1,218.6	1,221.4	1,226.6	1,242.8	1,250.9	1,254.5	1,247.1	1,250.0	1,255.1	1,261.8
1978	1,299.5	1,263.8	1,268.0	1,273.5	1,277.9	1,285.3	1,303.9	1,314.1	1,320.7	1,312.8	1,316.9	1,325.0	1,332.1
1979	1,369.3	1,336.2	1,340.0	1,344.9	1,351.3	1,356.4	1,374.6	1,383.8	1,390.9	1,377.5	1,382.2	1,394.1	1,400.0
1980	1,433.1	1,409.1	1,412.9	1,418.5	1,420.9	1,424.4	1,437.6	1,446.3	1,447.8	1,435.8	1,439.7	1,448.3	1,456.2
1981	1,481.1	1,460.6	1,462.2	1,466.5	1,469.7	1,474.2	1,489.0	1,497.3	1,499.0	1,487.2	1,487.9	1,493.5	1,497.9
1982		1,499.9	1,498.6										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	847.4	825.9	829.0	829.3	830.7	836.1	849.8	856.2	859.1	856.6	860.8	866.6	872.5
1978	906.2	875.7	880.0	883.6	887.6	894.5	909.4	915.1	921.0	918.4	923.0	930.4	935.6
1979	967.8	935.7	941.0	944.7	950.1	955.4	969.5	976.3	983.6	978.5	983.3	992.4	997.4
1980	1,023.8	1,003.8	1,009.1	1,013.0	1,015.0	1,017.2	1,027.1	1,031.7	1,032.5	1,025.4	1,029.6	1,037.6	1,043.8
1981	1,064.4	1,046.1	1,049.9	1,054.4	1,056.7	1,059.7	1,069.4	1,074.9	1,075.6	1,067.5	1,069.3	1,073.3	1,073.7
1982		1,074.3	1,076.1										

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	969.6	954.4	953.0	955.6	956.2	959.6	973.9	980.1	982.5	975.7	977.8	982.4	987.5
1978	1,012.1	987.7	990.1	993.9	996.1	1,001.3	1,017.9	1,023.8	1,028.6	1,020.3	1,022.4	1,026.9	1,034.2
1979	1,065.6	1,033.5	1,035.5	1,038.6	1,041.4	1,044.1	1,061.1	1,069.0	1,073.7	1,059.7	1,063.0	1,072.4	1,077.5
1980	1,097.9	1,080.9	1,085.1	1,088.6	1,089.7	1,092.1	1,101.1	1,108.7	1,109.5	1,097.4	1,099.5	1,107.0	1,112.7
1981	1,135.9	1,111.4	1,113.1	1,115.2	1,117.3	1,120.4	1,134.0	1,140.6	1,140.2	1,129.4	1,129.2	1,131.5	1,130.0
1982		1,126.5	1,123.5										

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	141.30	138.36	139.09	138.71	139.64	140.54	139.83	142.07	142.05	141.99	144.28	143.08	143.61
1978	151.03	147.90	150.33	147.03	151.33	147.70	149.65	150.40	151.16	152.99	154.09	153.15	154.64
1979	162.34	157.68	159.58	158.70	160.41	158.40	160.00	160.52	161.45	160.80	162.89	166.16	166.62
1980	176.42	168.64	171.59	173.51	173.04	172.80	177.76	176.90	179.09	178.70	179.58	184.69	182.14
1981	193.98	188.75	192.83	190.84	190.32	191.63	191.63	192.36	197.98	194.39	197.47	199.11	197.47
1982		202.02	204.93										

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.65	3.77	3.79	3.79	3.80	3.84	3.81	3.85	3.86	3.89	3.91	3.92	3.94
1978	4.13	4.03	4.06	4.05	4.06	4.08	4.10	4.13	4.13	4.14	4.21	4.22	4.26
1979	4.46	4.33	4.36	4.36	4.41	4.40	4.42	4.48	4.46	4.53	4.54	4.59	4.66
1980	4.88	4.69	4.74	4.78	4.78	4.80	4.87	4.86	4.92	4.95	4.92	5.06	4.99
1981	5.30	5.11	5.24	5.20	5.20	5.25	5.25	5.27	5.38	5.37	5.41	5.47	5.41
1982		5.55	5.63										

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	36.7	36.7	36.7	36.6	36.8	36.6	36.7	36.9	36.8	36.5	36.9	36.5	36.5
1978	36.6	36.7	37.0	36.3	37.0	36.2	36.5	36.9	36.6	36.6	36.6	36.3	36.3
1979	36.4	36.5	36.6	36.4	36.6	36.0	36.2	36.5	36.2	36.6	36.1	36.2	36.4
1980	36.3	36.2	36.1	36.1	36.1	36.0	36.5	36.4	36.4	36.1	36.5	36.5	36.5
1981	36.5	36.6	36.6	36.7	36.6	36.5	36.5	36.5	36.6	36.2	36.5	36.4	36.5
1982		36.4	36.4										

SIC 61—CREDIT AGENCIES OTHER THAN BANKS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	477.7	459.3	462.5	465.0	468.9	472.6	477.8	482.1	484.2	485.6	488.9	490.5	495.0
1978	516.2	495.8	500.0	504.5	507.1	511.1	517.6	520.5	523.6	523.6	525.5	530.2	534.6
1979	554.0	534.4	538.3	542.5	546.1	548.5	555.5	561.0	561.2	557.4	564.2	567.5	571.6
1980	569.8	568.5	568.6	568.2	564.6	561.2	561.9	567.7	570.5	569.7	574.3	578.5	582.8
1981	584.6	584.2	585.7	586.2	586.5	585.7	587.1	587.6	585.7	582.0	582.4	581.6	582.2
1982		582.3	582.5										

See footnotes at end of tables

SIC 61—CREDIT AGENCIES OTHER THAN BANKS (Con.)

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	300.0	283.6	285.7	289.8	292.8	295.4	299.5	303.2	305.4	307.1	309.7	312.2	314.8
1978	332.6	317.0	319.9	322.8	324.8	327.9	332.5	335.6	337.6	338.7	341.5	344.9	346.1
1979	361.2	347.1	350.1	353.7	354.0	356.5	362.0	363.7	366.6	363.5	369.4	371.2	370.6
1980	376.8	374.1	375.4	374.5	372.8	368.9	369.3	374.6	377.9	377.0	381.9	385.3	386.6
1981	401.1	397.4	399.2	399.9	400.6	400.7	402.5	403.2	401.9	400.4	401.8	402.4	401.7
1982		404.2	404.6										

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	366.0	350.6	352.6	354.9	358.0	361.0	366.9	370.9	372.4	373.3	375.1	376.2	376.1
1978	396.9	380.1	382.8	386.1	388.8	391.7	397.5	401.7	403.6	402.9	406.2	408.2	407.4
1979	422.4	410.8	413.4	416.7	415.7	417.1	423.9	426.5	426.5	425.1	429.7	430.6	430.1
1980	430.9	431.7	433.2	431.7	426.2	424.4	423.0	428.9	430.8	429.7	433.4	436.1	436.6
1981	444.4	445.6	446.4	446.1	445.7	445.5	446.6	447.0	444.8	440.7	441.7	441.1	440.3
1982		440.7	440.5										

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	152.40	152.89	150.92	150.22	151.70	153.97	151.37	153.22	152.89	152.77	155.24	153.35	154.14
1978	162.58	159.47	157.98	157.68	162.21	159.43	161.62	166.50	164.21	163.60	166.79	165.07	167.13
1979	172.12	167.54	168.43	166.44	171.66	168.17	169.36	175.01	171.92	170.53	175.48	175.85	171.91
1980	187.39	181.67	182.03	185.61	184.37	183.96	189.30	187.82	188.34	188.92	190.01	194.55	193.16
1981	206.08	199.46	204.61	204.80	202.40	202.03	202.95	205.53	210.73	204.79	209.19	212.13	209.15
1982		213.01	215.80										

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.13	4.11	4.09	4.06	4.10	4.15	4.08	4.13	4.11	4.14	4.23	4.19	4.20
1978	4.41	4.31	4.34	4.32	4.42	4.38	4.38	4.50	4.45	4.47	4.51	4.51	4.54
1979	4.69	4.59	4.64	4.56	4.57	4.62	4.64	4.73	4.71	4.81	4.73	4.78	4.81
1980	5.11	4.92	4.96	5.03	5.01	5.04	5.03	5.16	5.16	5.18	5.22	5.33	5.28
1981	5.60	5.42	5.56	5.55	5.50	5.52	5.53	5.57	5.68	5.65	5.70	5.78	5.73
1982		5.82	5.88										

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	36.9	37.2	36.9	37.0	37.0	37.1	37.1	37.1	37.0	36.8	36.7	36.6	36.7
1978	36.7	37.0	36.4	36.5	36.7	36.4	36.9	37.0	36.9	36.9	36.9	36.6	36.8
1979	36.7	36.5	36.3	36.5	36.8	36.4	36.5	37.0	36.9	36.5	37.1	37.0	37.0
1980	36.6	37.0	36.7	36.9	36.8	36.5	36.9	36.4	36.9	36.4	36.4	36.5	36.3
1981	36.8	36.8	36.8	36.9	36.8	36.6	36.7	36.9	37.1	36.6	36.7	36.7	36.8
1982		36.6	36.7										

SIC 612—SAVINGS AND LOAN ASSOCIATIONS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	187.3	186.9	187.8	188.9	191.4	193.9	197.6	200.0	201.4	201.5	203.6	205.7	208.1
1978	217.9	209.7	211.0	213.3	214.4	215.6	218.5	220.3	221.1	220.7	222.0	223.3	224.1
1979	236.1	227.1	228.3	229.7	230.6	232.0	236.6	238.1	239.5	239.5	241.4	243.8	244.3
1980	248.3	244.1	244.6	245.2	243.4	242.5	243.5	247.3	249.3	249.6	253.0	256.6	261.1
1981	265.1	262.8	264.1	264.4	264.8	265.0	265.4	265.8	264.3	263.7	265.1	267.0	269.1
1982		269.2	269.5										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	140.4	139.1	139.7	139.0	139.7	139.6	141.5	143.4	144.5	145.2	146.7	148.3	150.1
1978	158.2	152.2	153.2	154.3	155.2	156.1	158.5	160.1	160.6	160.6	162.0	163.1	164.1
1979	172.1	165.0	165.7	166.9	167.9	169.2	172.5	173.8	174.7	174.1	176.4	177.1	178.3
1980	180.1	179.4	179.2	179.9	178.3	177.5	177.7	181.7	183.3	183.0	186.2	188.9	191.1
1981	197.0	194.5	196.0	196.1	196.6	196.6	196.9	197.3	196.3	195.9	197.1	199.4	201.1
1982		202.0	203.8										

SIC 612—SAVINGS AND LOAN ASSOCIATIONS (Con.)

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	154.6	145.8	146.2	147.4	149.4	151.4	155.2	157.2	158.1	158.9	160.1	161.7	163.6
1978	170.7	164.1	164.7	166.5	167.7	168.7	171.4	173.0	173.6	172.7	173.9	175.0	177.1
1979	181.8	176.9	179.9	178.0	178.5	179.5	183.5	184.9	185.7	185.5	186.8	188.7	189.2
1980	189.3	188.0	187.6	187.7	185.9	184.8	184.8	188.0	189.3	189.3	192.5	195.0	198.4
1981	201.1	199.9	201.0	200.8	201.0	201.4	201.4	200.1	199.2	200.8	202.5	204.1	
1982		204.9	205.1										

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	144.64	145.30	142.23	141.87	143.35	145.56	143.02	145.60	145.27	144.64	149.69	146.61	145.89
1978	154.18	153.14	150.54	149.40	155.13	151.20	152.10	158.16	154.34	154.57	156.74	153.87	155.73
1979	165.93	159.76	160.03	156.81	165.62	160.83	162.81	169.28	165.07	170.09	171.22	170.29	174.27
1980	178.03	176.64	174.88	176.22	176.54	174.47	181.06	177.03	179.04	179.69	179.42	183.82	181.00
1981	192.30	187.46	192.72	191.63	188.40	187.72	188.96	191.46	193.98	190.44	192.77	195.12	192.07
1982		197.11	199.10										

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.00	3.97	3.94	3.93	3.96	4.01	3.94	4.00	3.98	3.99	4.09	4.05	4.03
1978	4.25	4.15	4.17	4.19	4.25	4.20	4.19	4.31	4.24	4.27	4.35	4.31	4.35
1979	4.56	4.45	4.47	4.44	4.55	4.48	4.51	4.60	4.56	4.66	4.64	4.64	4.71
1980	4.81	4.80	4.82	4.88	4.85	4.86	4.92	4.89	4.92	4.95	4.97	5.05	5.00
1981	5.17	5.15	5.28	5.25	5.19	5.20	5.22	5.26	5.30	5.29	5.34	5.39	5.35
1982		5.46	5.50										

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	36.2	36.6	36.1	36.1	36.2	36.3	36.3	36.4	36.5	36.3	36.6	36.2	36.2
1978	36.3	36.9	36.1	36.0	36.5	36.0	36.3	36.7	36.4	36.2	36.5	35.7	35.8
1979	36.3	35.9	35.4	35.7	36.4	35.9	36.1	36.8	36.2	36.5	36.9	36.7	37.0
1980	35.3	35.8	36.1	36.5	36.4	35.9	36.8	36.2	36.4	36.3	36.1	36.4	36.2
1981	36.1	36.4	36.3	36.5	36.3	36.1	36.2	36.4	36.6	36.0	36.1	36.2	35.9
1982		36.1	36.2										

SIC 614—PERSONAL CREDIT INSTITUTIONS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	190.6	186.7	188.1	189.7	189.9	190.5	191.1	191.6	191.9	192.4	192.4	192.3	193.0
1978	198.4	193.6	193.5	195.4	196.4	198.0	199.3	199.1	200.4	200.3	200.1	202.4	204.0
1979	206.1	201.7	203.3	205.1	207.5	208.3	208.8	211.7	209.2	209.4	210.4	211.1	214.1
1980	217.4	211.4	211.5	210.0	209.2	207.2	206.1	206.4	206.3	205.5	206.1	206.5	207.8
1981	223.4	206.5	206.6	206.5	206.3	205.6	204.8	204.2	203.2	201.3	200.4	198.6	197.7
1982		195.6	196.2										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	102.6	98.3	99.2	101.4	102.6	103.2	103.8	104.6	105.0	106.0	106.2	106.7	107.8
1978	112.3	107.3	108.5	108.8	109.6	111.4	112.3	112.8	113.6	114.2	114.9	116.1	117.4
1979	120.0	114.4	117.1	118.8	118.5	119.4	120.5	120.1	121.0	117.8	122.5	121.9	126.6
1980	123.1	124.3	124.6	123.5	124.4	121.6	121.7	122.3	123.2	121.9	123.3	123.6	124.0
1981	131.5	130.6	131.0	131.6	132.1	132.1	132.7	132.4	132.3	131.5	131.0	130.4	130.0
1982		129.3	129.1										

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	143.1	139.6	140.8	141.8	141.9	142.5	143.6	144.3	144.8	144.6	144.8	144.7	144.9
1978	150.3	144.6	146.1	147.2	148.1	149.1	150.3	151.5	152.1	152.0	152.5	154.5	155.4
1979	157.1	153.6	155.2	156.8	156.8	157.0	158.2	158.7	158.6	155.7	159.1	158.4	158.7
1980	156.4	160.6	159.9	158.7	158.1	156.0	154.3	155.2	155.1	154.5	154.6	154.5	154.9
1981	157.2	158.5	159.6	159.5	159.1	158.8	158.4	158.0	157.4	155.4	154.9	153.4	152.4
1982		151.5	150.9										

See footnotes at end of tables.

SIC 614—PERSONAL CREDIT INSTITUTIONS (Con.)

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	149.63	149.71	149.29	147.78	150.46	151.22	149.72	150.44	149.71	150.00	148.56	148.27	149.41
1978	158.61	152.72	152.46	152.57	155.49	154.28	159.27	162.43	160.95	160.31	162.80	163.17	163.76
1979	165.80	164.76	165.17	162.29	166.70	162.43	164.42	169.46	167.08	170.09	164.98	167.53	167.54
1980	181.14	172.66	174.36	176.66	176.53	178.12	181.90	184.47	182.67	182.94	186.07	190.25	190.94
1981	206.65	200.51	203.32	204.61	202.94	200.93	202.39	204.95	211.66	207.75	210.73	214.23	214.27
1982		215.66	219.04										

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.99	3.95	3.96	3.92	3.97	3.99	3.94	3.98	3.95	4.00	4.07	4.04	4.06
1978	4.31	4.15	4.20	4.18	4.26	4.25	4.27	4.39	4.35	4.38	4.40	4.41	4.45
1979	4.53	4.49	4.55	4.41	4.53	4.45	4.48	4.58	4.59	4.66	4.52	4.54	4.59
1980	4.99	4.71	4.79	4.64	4.61	4.68	4.97	5.11	5.06	5.11	5.14	5.27	5.26
1981	5.57	5.75	5.51	5.53	5.47	5.49	5.47	5.48	5.68	5.53	5.68	5.79	5.76
1982		5.84	5.92										

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	37.5	37.9	37.7	37.7	37.9	37.9	38.0	37.8	37.9	37.5	36.5	36.7	36.8
1978	36.8	36.8	36.3	36.5	36.5	36.3	37.3	37.0	37.0	36.6	37.0	37.0	36.8
1979	36.6	36.7	36.3	35.8	35.8	36.5	36.7	37.0	36.4	36.5	36.5	36.9	36.5
1980	36.3	36.7	36.4	36.5	36.7	36.5	36.6	36.1	36.1	35.8	36.2	36.1	36.3
1981	37.1	37.2	36.9	37.0	37.1	36.6	37.0	37.4	37.3	36.9	37.1	37.0	37.2
1982		37.1	37.0										

SIC 62—SECURITY, COMMODITY BROKERS, AND SERVICES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	181.8	178.0	179.5	180.9	182.9	182.0	180.5	180.1	183.5	182.7	181.9	182.1	183.4
1978	188.8	183.9	184.5	184.2	184.3	185.6	188.8	190.4	191.2	191.4	192.3	194.3	194.3
1979	204.2	195.5	196.5	197.1	199.0	199.7	203.6	206.5	208.1	207.6	209.9	212.5	214.2
1980	227.4	215.5	214.2	216.7	219.6	220.6	225.4	228.8	232.6	233.6	236.9	241.0	243.7
1981	261.1	246.6	249.4	252.2	254.2	256.2	261.4	266.0	268.5	267.6	268.2	270.5	272.0
1982		273.7	274.8										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	67.4	65.2	65.8	67.0	67.5	67.0	67.3	67.8	68.3	68.0	67.8	68.3	69.2
1978	72.3	69.4	69.8	69.8	69.5	70.6	72.1	72.9	73.5	73.6	74.3	75.6	75.5
1979	78.8	75.5	76.2	76.6	75.7	75.7	77.6	78.9	79.9	80.9	81.7	83.1	83.5
1980	92.7	88.1	87.1	86.5	88.2	89.4	91.9	93.6	95.9	96.4	98.6	100.3	101.5
1981	110.6	103.2	105.2	105.5	106.7	107.6	109.6	112.2	113.5	114.2	115.2	116.5	117.9
1982		118.4	119.1										

SIC 621—SECURITY BROKERS AND DEALERS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	148.3	145.9	147.2	148.5	150.1	148.9	149.3	148.7	149.2	148.4	147.4	147.4	148.3
1978	150.3	148.8	149.3	148.7	148.8	150.1	152.2	153.5	154.2	154.3	154.8	156.6	156.4
1979	164.7	157.3	158.3	158.6	160.2	160.9	164.0	166.3	168.0	167.7	169.7	171.7	173.2
1980	184.1	174.6	172.8	175.2	177.8	178.5	182.2	185.4	189.0	189.8	192.1	195.8	196.3
1981	214.4	200.6	203.3	205.6	207.9	210.0	214.4	218.6	221.0	221.0	221.8	223.6	225.5
1982		227.4	228.7										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	54.1	52.7	53.3	54.4	54.7	54.0	54.1	54.2	54.5	54.0	53.6	54.2	54.8
1978	57.2	55.0	55.3	55.3	55.5	56.2	57.1	57.4	58.1	58.0	58.7	59.9	59.7
1979	62.5	59.6	60.2	60.7	59.7	59.8	61.4	62.3	63.4	64.4	65.2	66.2	66.7

SIC 621—SECURITY BROKERS AND DEALERS (Con.)

WOMEN EMPLOYEES—IN THOUSANDS

SIC 63—INSURANCE CARRIERS

ALL EMPLOYEES—IN THOUSANDS

WOMEN EMPLOYEES—IN THOUSANDS

NONSUPERVISORY WORKERS—IN THOUSANDS

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

SIC 631—LIFE INSURANCE

ALL EMPLOYEES—IN THOUSANDS

WOMEN EMPLOYEES—IN THOUSANDS

NONSUPERVISORY WORKERS—IN THOUSANDS

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

SIC 632—MEDICAL SERVICE AND HEALTH INSURANCE

ALL EMPLOYEES—IN THOUSANDS

SIC 632—MEDICAL SERVICE AND HEALTH INSURANCE (Con.)

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	95.2	94.0	94.4	95.1	94.9	94.9	95.3	95.4	95.2	95.0	95.1	96.1	96.7
1978	97.4	96.8	96.9	97.2	97.6	97.4	98.1	98.2	98.0	97.9	98.2	98.7	99.1
1979	99.1	98.5	99.2	99.2	97.6	98.0	98.6	98.8	99.0	99.1	99.9	99.9	101.1
1980	102.9	101.2	101.4	102.3	102.5	102.4	102.5	103.6	103.7	103.7	103.2	103.4	103.5
1981	102.9	103.2	103.4	103.3	103.4	103.3	103.4	103.1	102.9	102.2	102.3	102.0	101.9
1982		101.7	101.9										

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	108.0	106.1	106.7	108.4	108.3	108.0	108.9	109.1	108.0	107.5	107.6	108.5	109.2
1978	109.4	108.2	109.4	109.7	109.5	109.1	109.7	109.8	109.9	109.1	109.4	110.1	110.3
1979	109.9	109.7	111.2	109.9	109.0	109.2	109.6	109.7	110.0	109.4	110.3	110.4	111.2
1980	113.5	111.7	111.6	112.7	113.1	113.0	113.8	114.9	114.7	114.1	113.9	114.2	114.1
1981	113.0	113.6	113.9	113.7	113.6	113.3	113.8	113.3	112.8	112.1	111.9	112.0	112.3
1982		112.1	111.9										

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	175.88	174.27	172.56	169.72	170.09	175.03	173.91	173.35	176.90	177.47	181.82	179.55	180.78
1978	185.92	185.82	186.85	187.45	190.64	188.88	185.48	187.98	186.73	188.36	191.52	195.56	197.49
1979	206.60	201.06	204.22	201.47	198.97	205.47	205.50	207.38	207.73	210.18	209.44	211.69	216.97
1980	217.46	215.98	220.41	225.61	226.35	226.48	227.84	227.84	228.92	228.16	230.81	233.32	234.78
1981	245.08	235.60	239.27	242.62	239.91	242.25	243.00	243.65	247.03	249.38	253.46	260.00	259.76
1982		264.73	266.25										

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	4.66	4.55	4.53	4.55	4.56	4.68	4.65	4.66	4.68	4.72	4.81	4.75	4.77
1978	5.00	4.89	4.93	4.92	5.03	5.01	4.92	4.96	4.94	5.01	5.04	5.16	5.17
1979	5.48	5.24	5.36	5.33	5.32	5.45	5.48	5.53	5.51	5.59	5.60	5.63	5.74
1980	5.97	5.71	5.77	5.86	5.91	5.96	5.98	5.98	6.04	6.02	6.09	6.14	6.13
1981	6.51	6.20	6.33	6.39	6.33	6.46	6.46	6.48	6.57	6.58	6.67	6.79	6.80
1982		6.93	6.97										

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	37.1	36.3	36.1	37.3	37.3	37.4	37.4	37.2	37.8	37.6	37.8	37.8	37.9
1978	37.9	36.0	37.9	38.1	37.9	37.7	37.7	37.9	37.8	37.6	38.0	37.9	38.2
1979	37.7	38.3	38.1	37.8	37.4	37.7	37.5	37.5	37.7	37.6	37.4	37.6	37.8
1980	38.1	38.0	38.2	38.5	38.3	38.0	38.1	38.1	37.9	37.9	37.9	38.0	38.3
1981	37.6	38.0	37.6	38.0	37.9	37.5	37.5	37.6	37.6	37.9	38.0	38.3	38.2
1982		38.2	38.2										

SIC 633—FIRE, MARINE, AND CASUALTY INSURANCE

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	425.1	414.0	416.5	420.1	421.4	423.2	426.7	428.3	429.7	428.6	429.9	432.3	432.6
1978	446.9	433.2	435.5	437.5	439.4	441.4	448.0	451.8	453.1	452.9	454.1	456.7	458.6
1979	467.6	460.0	461.7	464.4	464.9	464.8	468.8	470.5	471.1	470.4	469.9	471.4	472.8
1980	477.1	472.4	473.8	475.7	475.9	477.1	479.7	481.8	480.0	477.1	477.2	476.6	478.0
1981	475.9	476.5	476.2	476.8	475.8	475.5	476.7	478.2	477.5	474.7	473.8	474.0	475.5
1982		474.5	474.9										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	249.6	235.4	239.1	243.0	245.5	246.8	250.8	252.5	253.8	254.4	256.6	259.1	260.1
1978	274.9	261.4	263.7	266.1	268.3	269.9	274.6	277.9	279.9	280.9	283.2	285.5	287.3
1979	295.5	288.8	290.9	293.4	294.3	294.4	297.1	297.7	298.2	297.6	297.3	297.8	298.5
1980	300.1	298.4	299.6	300.5	300.7	301.0	302.0	302.6	300.9	298.8	298.8	298.5	299.4
1981	297.0	297.9	297.7	298.0	297.3	296.8	297.1	298.1	297.8	295.9	295.7	295.8	296.4
1982		295.7	296.6										

SIC 633—FIRE, MARINE, AND CASUALTY INSURANCE (Con.)

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	324.8	316.5	318.7	321.5	323.1	324.3	327.3	327.2	327.4	326.2	327.7	329.3	328.4
1978	339.0	327.7	329.7	331.2	332.5	333.3	339.5	343.3	345.1	344.7	345.8	346.9	347.9
1979	357.5	349.0	350.0	356.8	359.0	357.8	361.1	362.4	361.6	359.7	358.1	357.6	357.1
1980	359.1	356.1	361.1	362.2	361.4	361.6	362.8	362.7	360.4	356.5	355.3	354.7	354.6
1981	346.8	352.1	351.2	349.8	348.2	346.5	346.4	347.8	347.4	344.3	342.5	341.4	343.4
1982		341.8	341.3										

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	182.65	177.71	177.49	177.34	178.45	180.91	180.42	183.89	184.76	185.38	187.36	185.61	187.73
1978	196.79	190.09	190.55	190.69	193.59	193.29	195.15	198.44	199.18	199.23	202.54	201.84	203.68
1979	210.70	206.65	206.64	207.39	206.82	208.09	208.29	210.53	213.28	214.23	212.91	216.97	217.34
1980	230.26	221.17	221.54	223.98	225.09	226.64	230.51	233.10	232.47	233.58	237.07	239.30	239.11
1981	253.13	242.43	247.09	249.75	250.55	248.09	249.61	252.71	255.39	254.37	259.04	263.47	263.47
1982		266.81	272.32										

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	4.91	4.79	4.81	4.78	4.81	4.85	4.85	4.93	4.94	4.97	5.05	5.03	5.06
1978	5.29	5.11	5.15	5.14	5.19	5.21	5.26	5.32	5.34	5.37	5.43	5.47	5.49
1979	5.71	5.57	5.60	5.59	5.62	5.67	5.66	5.69	5.78	5.79	5.77	5.88	5.89
1980	6.24	6.01	6.02	6.07	6.10	6.23	6.23	6.30	6.30	6.33	6.39	6.45	6.48
1981	6.86	6.57	6.66	6.75	6.79	6.76	6.82	6.83	6.94	6.95	7.02	7.14	7.14
1982		7.27	7.36										

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	37.2	37.1	36.9	37.1	37.1	37.3	37.2	37.3	37.4	37.3	37.1	36.9	37.1
1978	37.2	37.2	37.0	37.1	37.3	37.1	37.1	37.3	37.3	37.1	37.3	36.9	37.1
1979	36.9	37.1	36.9	37.1	36.8	36.7	36.8	37.0	36.9	37.0	36.9	36.9	36.9
1980	36.9	36.8	36.8	36.9	36.9	36.7	37.0	37.0	36.9	36.9	37.1	37.1	36.9
1981	36.9	36.9	37.1	37.0	36.9	36.7	36.6	37.0	36.8	36.6	36.9	36.9	36.9
1982		36.7	37.0										

SIC 64—INSURANCE AGENTS, BROKERS, AND SERVICE

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	372.2	357.1	361.6	365.6	366.0	367.5	371.8	373.2	376.7	378.2	381.3	383.1	383.8
1978	403.2	384.4	390.2	394.3	395.5	398.1	403.2	405.5	409.6	409.8	413.3	416.3	418.6
1979	430.1	421.1	422.0	423.5	423.8	427.2	430.2	431.7	437.0	432.2	435.4	438.1	438.5
1980	452.3	444.4	443.3	447.8	449.4	450.1	453.8	455.4	456.0	454.4	456.6	457.6	458.3
1981	465.6	460.2	459.8	461.4	463.9	463.5	466.3	468.3	468.1	466.5	469.0	470.1	469.7
1982		468.9	469.6										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	224.9	214.8	218.3	220.7	221.3	221.9	225.1	225.6	227.8	228.6	231.0	232.2	232.0
1978	245.4	233.0	237.4	240.5	241.4	242.1	244.5	247.1	249.0	249.1	251.4	253.9	255.2
1979	262.4	256.6	254.6	257.2	257.8	259.9	263.0	263.6	267.4	264.3	266.5	269.9	268.5
1980	281.0	274.2	274.9	276.1	279.6	280.1	281.2	283.2	283.3	282.8	284.4	285.1	286.6
1981	293.3	287.9	288.5	289.9	291.8	290.0	293.3	295.2	295.3	294.4	296.8	298.0	298.2
1982		297.3	298.2										

SIC 65—REAL ESTATE

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	815.4	767.2	763.1	780.5	799.8	814.0	834.7	839.0	837.2	831.8	834.7	841.4	841.5
1978	890.2	834.7	844.3	854.9	873.9	890.6	914.4	923.4	920.7	905.7	903.7	909.2	906.7
1979	954.5	904.2	903.9	914.4	931.3	966.2	988.6	995.7	998.2	974.9	966.2	960.3	950.3

See footnotes at end of tables.

SIC 65—REAL ESTATE (Con.)

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1980	981.2	943.1	945.6	952.0	966.6	996.1	1,023.5	1,020.9	1,014.1	992.2	983.8	972.4	964.2
1981	989.8	953.5	953.2	958.1	980.1	998.9	1,029.8	1,027.5	1,028.1	1,007.0	992.1	979.2	974.5
1982		954.1	948.3										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	283.0	264.3	267.3	271.2	274.8	274.9	283.2	284.5	286.9	291.5	294.4	300.9	301.8
1978	316.1	296.4	300.3	307.6	309.3	312.5	319.4	322.6	324.0	327.4	333.6	327.3	325.1
1979	340.0	322.6	333.4	332.8	337.1	337.6	351.9	355.9	358.0	357.5	353.6	353.3	350.5
1980	358.9	339.0	350.4	356.0	357.7	362.0	369.7	369.6	369.4	358.5	360.3	359.1	358.6
1981	368.7	353.2	359.4	359.0	363.2	367.8	376.7	377.3	378.2	374.7	371.0	370.5	371.3
1982		365.4	360.3										

SIC 651—REAL ESTATE OPERATORS AND LESSORS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	408.5	394.8	393.4	405.2	410.2	412.3	417.6	415.3	410.7	408.3	410.5	412.0	411.2
1978	423.7	405.6	411.0	413.3	420.0	421.9	430.3	435.5	433.5	427.9	425.9	429.6	429.6
1979	439.3	425.6	421.8	427.7	430.1	440.0	447.1	455.2	455.7	444.2	443.0	443.8	444.5
1980	456.4	441.4	443.9	444.5	450.2	457.5	471.0	470.1	466.3	460.6	457.7	457.1	454.8
1981	468.6	451.1	453.4	456.7	465.5	468.3	482.5	481.7	482.0	475.9	471.0	466.8	468.0
1982		459.1	455.2										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	121.0	117.6	117.8	120.0	121.4	117.8	120.6	119.0	119.0	122.7	123.4	125.7	126.2
1978	109.3	121.6	124.6	126.7	127.8	127.4	129.6	132.5	132.2	131.2	131.6	132.9	132.9
1979	133.3	132.5	126.8	129.5	130.3	131.2	135.0	136.5	137.0	134.6	134.5	133.7	135.1
1980	139.6	135.8	137.2	136.5	137.5	140.0	141.9	141.4	142.3	139.6	141.5	140.9	140.8
1981	147.5	139.9	142.7	143.0	145.0	146.6	150.8	150.2	150.8	150.3	149.4	149.3	152.1
1982		148.5	148.4										

SIC 653—REAL ESTATE AGENTS AND MANAGERS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	278.1	256.0	257.4	259.7	265.8	270.2	280.9	285.0	288.5	288.3	290.7	295.7	298.5
1978	325.2	300.5	304.0	309.1	314.5	322.0	332.9	337.1	338.6	333.5	335.7	336.2	338.8
1979	360.2	336.5	340.5	344.6	350.0	364.5	375.2	375.4	377.7	371.0	366.6	363.2	356.8
1980	373.6	357.3	359.1	362.9	365.2	376.6	388.9	387.6	384.4	376.5	374.6	368.8	367.7
1981	373.8	364.6	363.7	363.0	366.3	373.8	384.5	387.5	388.3	380.1	373.9	370.6	369.1
1982		365.0	362.0										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	113.5	108.9	110.9	111.6	112.7	115.4	119.4	121.0	123.6	124.3	126.6	129.8	130.3
1978	140.0	130.2	133.5	135.2	137.4	140.7	144.3	145.9	147.5	145.9	147.3	148.2	148.1
1979	160.9	147.0	150.0	150.6	151.0	155.9	159.1	170.4	172.9	169.8	170.5	170.4	167.1
1980	170.0	159.2	170.5	171.6	172.2	173.0	175.0	176.1	174.0	170.3	170.5	170.6	170.7
1981	170.5	168.8	169.4	168.7	169.7	171.6	175.6	176.6	176.8	176.4	173.1	173.2	171.6
1982		170.7	170.8										

SIC 655—SUBDIVIDERS AND DEVELOPERS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	107.5	97.1	93.7	95.3	103.5	110.7	114.2	116.3	115.6	113.1	111.2	111.5	109.3
1978	109.2	105.9	106.8	108.9	114.9	119.8	126.0	127.4	126.0	122.2	119.6	119.7	115.0
1979	121.0	119.0	118.5	119.3	118.0	132.8	136.0	142.5	141.3	140.9	136.2	133.0	126.6

SIC 655—SUBDIVIDERS AND DEVELOPERS (Con.)

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1980	130.6	121.2	120.2	122.4	129.3	139.2	142.6	142.2	140.5	133.8	130.3	125.4	120.5
1981	127.3	116.8	115.5	117.8	127.6	136.1	138.0	137.8	137.2	131.0	127.8	122.8	118.1
1982		111.5	111.0										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	27.7	24.7	25.2	25.9	26.5	27.3	27.8	28.9	28.5	29.0	28.7	29.7	29.5
1978	28.6	29.1	29.5	30.1	28.4	28.3	28.9	28.0	28.1	28.2	28.0	29.1	27.4
1979	29.3	26.9	27.8	27.7	23.5	23.7	31.0	31.4	31.4	31.5	31.8	32.1	30.1
1980	33.5	31.9	32.1	32.6	33.1	34.2	34.6	34.2	34.6	34.2	33.9	33.3	32.1
1981	34.6	32.7	32.9	33.3	34.2	35.3	35.8	36.4	36.0	34.8	34.7	34.5	34.4
1982		33.1	33.2										

SIC 66—COMBINED REAL ESTATE, INSURANCE, ETC.

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	27.4	27.1	27.0	27.9	27.6	27.3	27.7	27.3	27.3	26.9	27.2	27.6	27.6
1978	25.8	26.7	26.4	26.4	26.4	26.4	26.4	26.3	26.1	25.6	24.8	24.5	24.1
1979	22.8	23.9	23.9	23.7	23.1	23.2	23.2	22.6	22.6	21.9	21.9	22.8	21.6
1980	20.5	21.4	21.2	21.2	20.9	20.6	20.6	20.4	20.5	20.2	20.0	19.8	19.7
1981	19.4	19.9	19.7	19.4	19.4	19.3	19.6	19.5	19.3	19.3	19.2	19.2	19.3
1982		19.4	19.2										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	16.2	15.4	15.6	15.5	16.3	16.0	16.1	16.0	16.0	15.9	16.4	16.7	17.0
1978	16.0	16.5	16.4	16.4	16.3	16.2	16.3	16.3	16.3	15.9	15.4	15.1	15.1
1979	14.4	15.0	14.9	14.5	14.4	14.4	14.7	14.3	14.2	13.8	13.5	14.5	14.2
1980	13.2	14.0	13.8	13.8	13.6	13.3	13.2	13.1	13.0	12.8	12.7	12.6	12.6
1981	11.8	12.3	12.1	12.1	11.9	11.8	11.8	11.8	11.6	11.6	11.5	11.6	11.8
1982		11.9	11.7										

SIC 67—HOLDING AND OTHER INVESTMENT OFFICES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	95.4	91.2	91.6	92.6	93.6	94.6	95.0	96.4	96.6	97.2	97.9	98.6	98.1
1978	103.4	98.2	99.1	100.3	101.5	102.3	104.6	106.3	106.3	105.0	104.4	106.3	107.4
1979	111.2	107.3	108.5	109.0	109.4	109.7	112.7	112.3	113.4	112.3	113.1	113.5	112.1
1980	114.6	111.6	112.2	113.7	113.7	114.3	115.3	116.0	116.5	115.3	116.2	116.6	115.4
1981	120.5	116.6	117.6	117.3	118.9	119.5	120.4	122.4	123.1	122.7	122.4	123.2	123.4
1982		122.5	124.3										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	46.4	43.6	44.3	44.5	44.9	45.8	46.0	46.8	47.4	47.5	48.3	48.9	49.0
1978	50.8	47.5	47.9	48.4	49.5	49.7	50.8	51.6	52.5	51.9	52.0	53.0	54.3
1979	56.8	53.8	54.8	55.1	55.3	56.1	57.3	57.7	58.2	57.8	58.5	58.7	58.4
1980	60.2	58.0	58.3	60.0	60.5	59.8	60.4	61.1	61.3	60.4	60.8	61.0	60.8
1981	64.0	61.6	62.6	62.2	62.9	63.4	63.4	64.9	65.0	65.2	65.4	65.2	65.8
1982		65.6	66.2										

See footnotes at end of tables.

SERVICES

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
ALL EMPLOYEES—IN THOUSANDS													
1977	15,303	14,635	14,770	14,935	15,108	15,223	15,397	15,500	15,540	15,557	15,637	15,659	15,669
1978	15,755	15,477	15,656	15,870	16,095	16,231	16,408	16,497	16,563	16,510	16,535	16,576	16,606
1979	17,113	16,417	16,617	16,829	16,986	17,119	17,286	17,316	17,347	17,304	17,380	17,362	17,386
1980	17,990	17,266	17,456	17,636	17,785	17,862	17,978	18,047	18,076	18,077	18,145	18,162	18,195
1981	18,592	18,047	18,209	18,340	18,520	18,594	18,711	18,771	18,771	18,740	18,824	18,800	18,775
1982		18,523	18,696										
WOMEN EMPLOYEES—IN THOUSANDS													
1977	8,771	8,400	8,501	8,594	8,657	8,725	8,804	8,802	8,824	8,924	8,987	9,008	9,022
1978	9,068	8,959	9,051	9,175	9,278	9,347	9,414	9,423	9,469	9,498	9,553	9,604	9,642
1979	9,915	9,561	9,657	9,773	9,853	9,907	9,969	9,945	9,991	10,033	10,108	10,111	10,122
1980	10,450	10,063	10,211	10,288	10,367	10,408	10,446	10,468	10,498	10,584	10,654	10,696	10,715
1981	10,959	10,674	10,770	10,850	10,926	10,943	10,975	10,975	10,972	11,030	11,131	11,136	11,124
1982		11,031	11,144										
NONSUPERVISORY WORKERS—IN THOUSANDS													
1977	13,682	13,076	13,210	13,352	13,520	13,632	13,777	13,858	13,893	13,905	13,982	13,997	13,997
1978	14,476	13,803	13,971	14,171	14,380	14,489	14,629	14,697	14,733	14,681	14,681	14,724	14,752
1979	15,193	14,554	14,751	14,952	15,080	15,204	15,348	15,373	15,396	15,355	15,436	15,423	15,445
1980	15,921	15,321	15,519	15,694	15,832	15,905	16,014	16,089	16,107	16,086	16,152	16,157	16,181
1981	16,595	16,031	16,187	16,313	16,491	16,556	16,659	16,712	16,705	16,663	16,748	16,717	16,691
1982		16,435	16,599										
NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	153.45	149.24	150.68	150.22	150.88	151.54	152.72	154.10	154.44	155.43	157.56	157.26	158.40
1978	163.67	160.39	160.56	161.05	162.36	161.87	163.18	164.84	163.68	165.46	167.42	167.24	167.70
1979	175.27	169.78	170.75	171.80	171.93	171.28	173.71	176.49	176.29	178.22	178.65	180.60	184.01
1980	190.71	183.63	185.25	186.88	186.30	187.60	190.57	191.65	192.64	193.32	195.60	198.53	199.51
1981	208.97	201.83	204.40	205.05	205.38	206.05	206.99	209.85	210.89	211.25	213.85	216.78	217.12
1982		219.32	220.68										
NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	4.65	4.55	4.58	4.58	4.60	4.62	4.60	4.60	4.61	4.71	4.76	4.78	4.80
1978	4.99	4.86	4.91	4.91	4.95	4.95	4.93	4.95	4.93	5.06	5.12	5.13	5.16
1979	5.36	5.24	5.27	5.27	5.29	5.27	5.28	5.30	5.31	5.45	5.48	5.54	5.61
1980	5.85	5.65	5.70	5.75	5.75	5.79	5.81	5.79	5.82	5.93	6.00	6.09	6.12
1981	6.41	6.21	6.27	6.29	6.30	6.34	6.33	6.34	6.41	6.52	6.58	6.67	6.66
1982		6.79	6.79										
NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS													
1977	33.0	32.8	32.9	32.8	32.8	32.8	33.2	33.5	33.5	33.0	33.1	32.9	33.0
1978	32.8	32.8	32.7	32.8	32.8	32.7	33.1	33.3	33.2	32.7	32.7	32.6	32.5
1979	32.7	32.4	32.4	32.6	32.5	32.5	32.9	33.3	33.2	32.7	32.6	32.6	32.8
1980	32.6	32.5	32.5	32.5	32.4	32.4	32.8	33.1	33.1	32.6	32.6	32.6	32.6
1981	32.6	32.5	32.6	32.6	32.6	32.5	32.7	33.1	32.9	32.4	32.5	32.5	32.6
1982		32.3	32.5										

SIC 70—HOTELS AND OTHER LODGING PLACES

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
ALL EMPLOYEES—IN THOUSANDS													
1977	956.1	863.0	873.3	899.0	931.9	956.9	1,013.2	1,063.5	1,075.9	1,003.2	955.3	926.1	912.2
1978	988.0	881.8	897.8	917.0	943.5	979.3	1,037.0	1,100.7	1,116.6	1,042.7	995.2	972.8	971.6
1979	1,059.8	962.2	975.8	1,008.8	1,041.1	1,073.4	1,119.6	1,170.7	1,174.3	1,104.1	1,055.9	1,024.1	1,007.4
1980	1,075.8	989.9	1,003.1	1,034.4	1,055.7	1,078.5	1,122.2	1,156.4	1,171.8	1,111.3	1,080.5	1,055.8	1,050.2
1981	1,118.6	1,031.9	1,045.7	1,061.7	1,103.2	1,129.8	1,177.8	1,230.6	1,243.1	1,153.8	1,106.7	1,073.8	1,064.7
1982		1,039.8	1,053.6										
WOMEN EMPLOYEES—IN THOUSANDS													
1977	502.1	441.2	449.4	462.9	487.9	505.5	536.3	565.8	570.1	531.9	507.2	488.9	478.1
1978	528.2	462.9	472.0	478.7	502.5	524.9	557.4	591.4	604.7	565.2	540.7	525.1	513.3
1979	569.9	503.1	511.0	533.2	558.2	575.1	603.5	633.4	639.5	603.1	576.4	558.9	543.9
1980	583.2	531.4	539.6	555.3	571.2	585.0	607.4	630.0	640.0	606.8	590.1	574.4	566.8
1981	605.8	555.0	565.0	574.9	597.7	612.5	638.7	666.3	673.8	627.4	602.3	582.1	573.8
1982		557.1	567.6										

SIC 701—HOTELS, MOTELS, AND TOURIST COURTS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
ALL EMPLOYEES—IN THOUSANDS													
1977	913.0	830.8	840.1	865.8	896.7	919.9	967.9	988.8	996.4	958.9	917.7	892.2	880.4
1978	945.6	850.4	866.2	885.6	910.7	942.5	989.6	1,023.9	1,035.0	999.6	960.7	942.1	940.8
1979	1,019.9	931.4	944.8	977.6	1,010.4	1,039.9	1,077.9	1,102.7	1,102.5	1,064.7	1,020.3	992.1	974.0
1980	1,037.7	958.6	970.5	1,003.9	1,024.3	1,046.0	1,081.7	1,092.3	1,103.7	1,072.9	1,050.3	1,027.6	1,020.9
1981	1,075.7	1,002.4	1,015.7	1,031.2	1,068.9	1,092.8	1,129.9	1,149.9	1,158.4	1,110.1	1,073.8	1,042.9	1,032.9
1982		1,010.3	1,023.8										
WOMEN EMPLOYEES—IN THOUSANDS													
1977	479.3	423.8	431.5	445.4	469.1	485.9	512.0	527.5	529.4	509.2	486.7	470.6	460.4
1978	505.1	445.7	454.4	461.3	484.6	504.9	530.9	550.4	559.9	542.5	521.8	508.1	496.5
1979	547.7	486.3	494.2	516.6	541.7	557.5	579.7	594.9	597.5	581.3	557.0	541.2	524.4
1980	562.0	514.1	521.8	538.5	553.9	567.3	584.0	594.8	602.7	585.3	572.9	558.2	550.1
1981	582.7	538.4	548.2	557.8	579.1	592.8	612.4	624.3	630.4	604.2	584.3	564.7	556.1
1982		540.6	551.0										
NONSUPERVISORY WORKERS—IN THOUSANDS													
1977	840.3	763.4	772.2	798.0	825.0	848.0	891.6	911.0	920.1	883.0	844.0	819.3	808.0
1978	870.6	779.4	796.1	814.1	838.3	869.1	913.2	945.2	955.6	919.7	884.3	865.8	866.6
1979	939.9	857.8	871.4	903.2	932.8	960.9	995.5	1,016.9	1,016.5	980.3	938.0	911.2	894.4
1980	953.9	878.3	891.3	923.2	941.2	962.4	996.4	1,007.5	1,016.8	987.0	965.8	942.7	934.5
1981	984.9	914.4	930.4	945.0	978.8	1,002.2	1,036.2	1,055.1	1,063.8	1,017.7	980.9	951.8	942.3
1982		921.7	934.5										
NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS[1]													
1977	103.27	101.35	99.79	99.78	100.39	102.94	102.66	104.98	104.33	103.56	106.16	104.69	106.05
1978	113.93	110.26	110.62	111.03	113.35	112.48	113.31	116.64	114.95	114.82	117.55	115.50	115.52
1979	124.00	117.69	120.65	120.82	122.14	121.48	125.20	127.76	126.01	126.77	124.43	125.36	126.96
1980	135.73	125.76	127.93	132.75	131.63	136.62	139.46	139.15	138.97	137.71	139.23	140.29	139.54

See footnotes at end of tables.

SIC 701—HOTELS, MOTELS, AND TOURIST COURTS (Con.)

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS[1]

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1981	148.41	142.38	145.62	145.01	143.75	148.46	148.80	150.55	151.05	148.96	152.21	152.89	152.58
1982		150.02	153.02										

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS[1]

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.31	3.28	3.24	3.25	3.27	3.31	3.28	3.25	3.25	3.33	3.37	3.41	3.50
1978	3.64	3.58	3.58	3.57	3.61	3.64	3.62	3.60	3.57	3.68	3.72	3.75	3.80
1979	4.00	3.91	3.93	3.91	3.94	3.97	4.00	3.98	3.95	4.05	4.04	4.11	4.19
1980	4.45	4.22	4.25	4.31	4.33	4.45	4.47	4.46	4.44	4.53	4.58	4.63	4.73
1981	4.85	4.81	4.79	4.77	4.76	4.82	4.80	4.81	4.75	4.90	4.91	4.98	5.12
1982		5.12	5.05										

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	31.2	30.9	30.8	30.7	30.7	31.1	31.3	32.3	32.1	31.1	31.5	30.7	30.3
1978	31.3	30.8	30.9	31.1	31.4	30.9	31.3	32.4	32.2	31.2	31.6	30.8	30.4
1979	31.0	30.1	30.7	30.9	31.0	30.6	31.3	32.1	31.9	31.3	30.8	30.5	30.3
1980	30.5	29.8	30.1	30.8	30.4	30.7	31.2	31.2	31.3	30.4	30.4	30.3	29.5
1981	30.6	29.6	30.4	30.4	30.2	30.8	31.0	31.3	31.8	30.4	31.0	30.7	29.8
1982		29.3	30.3										

SIC 72—PERSONAL SERVICES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	888.1	875.5	873.9	880.3	886.3	890.0	894.8	886.1	883.0	888.0	895.8	900.1	903.9
1978	910.4	898.3	899.5	908.0	908.4	914.2	911.9	904.5	900.6	913.1	918.3	920.6	927.8
1979	904.0	919.4	926.4	934.0	940.7	898.8	894.5	883.6	879.8	887.5	893.1	895.5	894.1
1980	900.7	913.9	914.3	918.3	934.8	895.3	893.2	884.8	880.0	887.5	890.6	896.0	899.5
1981	913.9	925.5	937.2	938.0	944.4	905.5	904.2	897.0	892.0	897.7	907.1	908.7	909.0
1982		920.9	938.2										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	588.8	578.0	579.5	583.6	586.0	589.0	591.0	585.4	582.8	590.5	598.0	599.4	602.3
1978	608.1	596.0	595.8	604.5	604.1	609.8	608.3	601.5	600.7	612.4	617.2	620.3	627.1
1979	610.2	618.7	625.8	636.0	640.8	606.4	601.7	593.9	592.0	599.5	601.6	603.4	602.0
1980	616.8	615.1	624.2	628.3	641.4	614.7	610.2	605.7	602.9	609.5	613.0	617.3	618.7
1981	632.1	636.2	646.8	647.7	654.1	623.1	621.7	618.4	616.7	623.9	632.1	633.3	631.5
1982		639.7	646.7										

SIC 721—LAUNDRY, CLEANING, AND GARMENT SERVICES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	357.5	354.5	352.9	353.6	355.6	357.4	360.7	360.3	358.7	358.3	358.6	359.6	359.8
1978	359.4	356.2	354.0	356.3	357.4	359.9	363.2	360.1	357.7	359.5	362.7	362.9	362.4
1979	360.2	360.1	357.3	359.7	361.0	363.1	363.1	359.4	356.4	358.7	361.0	362.7	359.9
1980	355.5	360.0	356.8	356.2	355.2	355.7	356.4	353.7	352.8	352.8	355.2	355.6	355.8
1981	352.1	352.8	350.6	350.1	351.6	353.2	354.9	352.2	349.5	350.4	352.8	354.3	353.2
1982		350.8	348.5										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	222.4	221.1	219.7	220.4	221.3	222.5	224.4	223.5	222.0	222.5	223.4	224.1	223.5
1978	223.9	221.3	218.8	221.8	223.1	225.0	226.4	224.3	222.3	224.4	226.8	226.7	226.4
1979	225.5	224.7	222.7	224.9	225.6	228.1	227.9	224.7	222.4	224.4	225.8	227.8	226.5
1980	224.4	226.0	224.0	223.8	224.0	225.5	225.0	222.9	222.5	222.9	225.0	226.0	225.4
1981	223.6	223.1	221.7	221.3	224.0	225.1	225.8	222.2	221.5	222.6	225.2	226.0	224.6
1982		222.1	219.7										

See footnotes at end of tables.

SIC 721—LAUNDRY, CLEANING, AND GARMENT SERVICES (Con.)

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	319.3	318.2	316.7	316.1	318.2	320.0	321.6	320.8	319.5	319.7	320.1	320.4	320.4
1978	320.4	317.5	315.4	317.4	318.0	320.8	323.7	321.9	319.7	320.9	323.2	323.4	322.5
1979	320.9	320.2	317.4	320.1	320.9	323.5	324.1	320.8	317.5	319.9	322.2	323.3	321.4
1980	317.5	321.0	318.2	317.6	317.1	317.7	318.3	316.5	315.4	315.4	317.4	317.7	318.1
1981	314.6	315.2	313.3	312.3	313.8	315.6	317.2	315.2	312.8	312.9	315.2	316.7	315.4
1982		312.3	309.7										

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	117.99	112.56	114.24	115.58	115.93	116.95	118.67	119.02	120.06	119.72	121.45	121.45	122.83
1978	129.38	123.68	124.75	126.59	127.65	128.37	129.80	130.50	131.54	130.79	132.59	133.21	134.59
1979	141.04	136.17	135.66	137.20	137.89	140.42	141.11	142.00	142.07	142.35	144.70	144.82	146.20
1980	151.09	146.69	146.06	147.27	148.62	149.84	151.53	151.42	151.99	151.76	155.16	155.54	156.96
1981	162.62	157.51	157.84	159.60	162.72	162.24	163.59	162.81	162.32	165.66	165.43	164.54	168.32
1982		162.15	165.49										

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.42	3.35	3.35	3.36	3.37	3.38	3.41	3.42	3.44	3.46	3.48	3.51	3.55
1978	3.75	3.67	3.68	3.68	3.70	3.71	3.73	3.75	3.78	3.78	3.81	3.85	3.89
1979	4.10	3.97	3.99	4.00	4.02	4.07	4.09	4.14	4.13	4.15	4.17	4.21	4.25
1980	4.47	4.34	4.36	4.37	4.41	4.42	4.47	4.52	4.51	4.53	4.55	4.56	4.63
1981	4.84	4.73	4.74	4.75	4.80	4.80	4.84	4.86	4.86	4.96	4.88	4.90	4.98
1982		5.02	5.03										

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	34.5	33.6	34.1	34.4	34.4	34.6	34.8	34.8	34.9	34.6	34.9	34.6	34.6
1978	34.5	33.7	33.9	34.4	34.5	34.6	34.8	34.8	34.8	34.6	34.8	34.6	34.6
1979	34.4	34.3	34.0	34.3	34.3	34.5	34.5	34.3	34.4	34.3	34.7	34.4	34.4
1980	33.8	33.8	33.5	33.7	33.7	33.9	33.9	33.5	33.7	33.5	34.1	34.0	33.6
1981	33.6	33.3	33.3	33.6	33.9	33.8	33.8	33.5	33.4	33.4	33.9	33.6	33.8
1982		32.3	32.9										

SIC 723—BEAUTY SHOPS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	275.5	275.0	272.1	273.4	274.2	274.8	275.6	272.5	273.1	276.9	278.4	278.8	280.7
1978	282.5	278.8	278.4	280.2	278.6	280.3	281.5	280.7	280.8	285.5	286.7	286.7	291.4
1979	290.5	288.8	288.7	293.9	296.1	293.8	290.6	289.5	288.8	290.6	288.2	288.4	289.1
1980	284.4	287.3	281.4	283.7	283.6	285.1	283.8	285.3	282.3	284.1	283.3	285.7	286.7
1981	283.2	279.4	280.4	280.6	281.4	282.6	281.6	281.9	282.2	285.8	286.2	286.6	289.7
1982		287.6	287.4										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	244.0	242.1	242.1	242.1	243.5	244.1	244.0	241.9	241.8	245.4	246.6	245.5	249.0
1978	250.1	245.5	245.7	247.1	246.3	248.3	249.3	247.3	249.1	253.4	253.8	255.2	259.7
1979	259.9	257.4	257.9	263.5	266.7	262.7	258.9	259.2	259.3	260.4	257.7	257.3	257.7
1980	252.7	254.5	249.8	251.7	251.4	253.6	252.6	254.3	251.4	252.6	252.1	254.0	254.5
1981	252.4	247.3	249.3	249.7	250.5	251.1	250.3	251.4	251.9	256.2	255.9	256.1	258.9
1982		258.9	257.9										

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	252.6	253.0	250.4	250.7	251.6	252.0	252.9	249.3	249.7	253.0	254.7	255.6	258.3
1978	260.3	255.9	257.1	257.9	256.4	258.0	260.2	259.0	259.1	264.0	263.9	264.0	268.1
1979	268.0	266.0	266.1	271.5	273.0	270.3	267.9	266.8	266.6	267.6	266.1	265.9	267.8
1980	264.3	265.8	261.4	263.9	263.8	265.6	264.4	265.5	262.8	264.7	263.7	265.6	264.9
1981	262.6	259.3	260.3	260.2	261.8	263.0	261.8	261.6	262.4	265.1	264.6	263.9	267.2
1982		267.0	266.2										

SIC 723—BEAUTY SHOPS (Con.)

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS[1]

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	117.00	107.57	113.93	116.07	114.44	118.34	117.98	117.81	119.45	118.38	117.71	121.28	121.27
1978	120.65	110.66	114.68	121.98	123.50	125.24	124.87	121.76	118.50	119.45	119.45	119.88	127.03
1979	124.33	116.10	118.65	125.15	127.51	127.93	127.41	124.64	121.50	122.71	122.89	125.45	128.44
1980	126.95	121.30	119.88	124.02	122.66	129.13	129.17	126.71	126.71	128.74	129.33	129.93	135.30
1981	126.63	131.42	131.06	141.37	145.04	140.40	141.90	137.77	140.87	138.70	140.70	142.80	144.05
1982		132.42	138.70										

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS[1]

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.68	3.55	3.64	3.65	3.61	3.63	3.63	3.74	3.78	3.77	3.69	3.79	3.72
1978	3.83	3.64	3.75	3.86	3.80	3.83	3.89	3.89	3.86	3.78	3.78	3.83	4.02
1979	4.04	3.67	3.89	4.05	4.10	4.14	4.11	4.10	4.01	4.01	3.99	4.06	4.17
1980	4.26	4.03	4.05	4.19	4.13	4.29	4.32	4.31	4.31	4.32	4.34	4.36	4.51
1981	4.67	4.47	4.52	4.62	4.74	4.68	4.73	4.67	4.68	4.67	4.69	4.76	4.77
1982		4.63	4.67										

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	31.8	30.3	31.3	31.8	31.7	32.6	32.5	31.5	31.6	31.4	31.9	32.0	32.6
1978	31.5	30.4	30.5	31.6	32.5	32.7	32.1	31.3	30.7	31.6	31.6	31.3	31.6
1979	30.7	30.0	30.5	30.9	31.1	30.9	31.0	30.4	30.3	30.6	30.8	30.9	30.8
1980	29.9	30.1	29.6	29.6	29.7	30.1	29.9	29.4	29.4	29.8	29.8	29.8	30.0
1981	29.9	29.4	29.0	30.6	30.6	30.0	30.0	29.5	30.1	29.7	30.0	30.0	30.2
1982		28.6	29.7										

SIC 726—FUNERAL SERVICE AND CREMATORIES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	68.2	68.5	68.7	68.2	68.5	68.4	68.6	68.3	68.0	67.6	67.7	67.9	67.9
1978	68.0	68.0	68.6	68.3	68.1	68.4	67.8	68.2	68.1	68.0	67.5	67.6	67.8
1979	68.6	68.7	67.8	68.3	68.3	68.1	68.2	69.3	69.4	68.8	68.6	68.5	68.9
1980	69.2	69.2	68.1	68.3	68.7	69.3	70.2	69.9	69.3	68.6	69.1	69.3	70.6
1981	71.1	70.3	70.3	70.1	71.1	71.1	71.5	71.7	71.9	71.2	71.1	70.9	71.9
1982		71.6	72.2										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	17.1	16.8	16.9	16.9	16.9	17.0	17.1	17.1	17.1	17.2	17.3	17.3	17.4
1978	17.6	17.4	17.9	17.7	17.6	17.7	17.7	17.7	17.7	17.5	17.6	17.5	17.6
1979	18.1	17.9	17.6	17.8	18.0	18.1	17.8	18.8	18.5	18.6	18.5	18.1	18.0
1980	18.9	18.9	18.2	18.9	18.7	19.3	19.3	18.9	19.0	18.6	18.9	18.8	18.9
1981	19.3	19.2	18.8	18.7	18.6	18.8	19.5	19.3	19.8	19.5	19.5	19.7	19.7
1982		19.6	19.9										

SIC 73—BUSINESS SERVICES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	2,357.2	2,239.3	2,243.6	2,264.6	2,283.1	2,313.3	2,341.1	2,365.1	2,394.8	2,427.3	2,450.1	2,474.4	2,489.8
1978	2,627.2	2,459.6	2,487.6	2,523.3	2,556.6	2,581.6	2,620.5	2,637.9	2,677.7	2,707.8	2,736.4	2,763.7	2,773.4
1979	2,905.9	2,737.3	2,752.3	2,789.8	2,797.0	2,863.2	2,917.6	2,920.8	2,958.1	2,997.1	3,039.3	3,041.5	3,056.7
1980	3,092.0	3,022.3	3,021.1	3,041.7	3,050.7	3,055.3	3,066.1	3,065.8	3,102.3	3,146.7	3,154.0	3,181.2	3,196.8
1981	3,255.0	3,161.0	3,150.7	3,163.8	3,200.9	3,234.2	3,263.4	3,273.8	3,307.6	3,311.7	3,337.6	3,329.3	3,325.5
1982		3,258.5	3,243.1										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	967.8	906.5	910.6	929.1	928.0	944.9	963.5	970.1	986.0	999.6	1,010.0	1,024.9	1,039.8
1978	1,108.3	1,024.7	1,033.8	1,052.1	1,068.5	1,079.1	1,096.4	1,111.7	1,130.9	1,145.2	1,167.5	1,189.0	1,200.3
1979	1,249.4	1,182.9	1,175.6	1,193.7	1,194.9	1,223.5	1,244.4	1,249.5	1,270.7	1,293.8	1,316.9	1,317.5	1,329.1

SIC 73—BUSINESS SERVICES (Con.)

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1980	1,330.2	1,302.0	1,304.5	1,311.6	1,306.8	1,305.9	1,307.0	1,307.6	1,326.8	1,354.5	1,364.4	1,380.7	1,390.9
1981	1,419.8	1,382.2	1,367.4	1,380.1	1,393.7	1,404.8	1,415.6	1,425.3	1,436.3	1,442.4	1,464.2	1,460.6	1,464.4
1982		1,435.3	1,431.0										

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	2,050.6	1,944.5	1,948.2	1,967.4	1,986.0	2,015.1	2,037.7	2,054.9	2,083.0	2,110.1	2,134.1	2,156.4	2,170.2
1978	2,284.9	2,135.2	2,154.1	2,189.7	2,220.1	2,241.0	2,277.5	2,291.4	2,330.8	2,363.2	2,389.3	2,410.5	2,415.6
1979	2,527.0	2,375.8	2,389.3	2,423.2	2,423.5	2,487.3	2,538.1	2,538.1	2,571.0	2,611.3	2,652.5	2,649.8	2,664.6
1980	2,698.0	2,633.2	2,634.8	2,653.4	2,657.0	2,664.7	2,674.4	2,674.6	2,713.1	2,750.7	2,753.0	2,776.9	2,790.7
1981	2,845.5	2,758.9	2,749.1	2,763.4	2,800.4	2,831.5	2,856.1	2,863.3	2,892.0	2,893.2	2,918.0	2,913.9	2,906.1
1982		2,837.9	2,820.5										

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	158.40	153.97	155.76	154.96	155.95	157.59	160.17	160.17	159.51	158.42	160.06	159.74	162.68
1978	167.28	165.99	164.81	166.33	165.99	165.82	167.49	169.14	168.48	167.89	169.52	169.00	169.98
1979	178.32	170.66	172.27	173.99	175.07	175.18	177.89	180.84	180.51	180.28	180.05	182.56	187.44
1980	197.46	187.78	190.45	194.18	194.83	196.20	199.98	202.40	201.52	199.14	199.75	202.38	202.66
1981	213.86	205.05	208.61	211.86	209.93	211.89	213.19	215.16	216.48	213.16	215.49	219.07	220.10
1982		219.24	225.01										

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.80	4.68	4.72	4.71	4.74	4.79	4.81	4.81	4.79	4.83	4.88	4.87	4.90
1978	5.10	5.03	5.04	5.01	5.03	5.04	5.06	5.11	5.09	5.15	5.20	5.20	5.23
1979	5.47	5.30	5.35	5.37	5.42	5.39	5.44	5.48	5.47	5.53	5.54	5.60	5.68
1980	6.02	5.76	5.86	5.92	5.94	6.00	6.06	6.06	6.07	6.09	6.09	6.17	6.16
1981	6.52	6.29	6.36	6.42	6.42	6.46	6.48	6.52	6.58	6.62	6.61	6.72	6.69
1982		6.83	6.86										

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	33.0	32.9	33.0	32.9	32.9	32.9	33.3	33.3	33.3	32.8	32.8	32.8	33.2
1978	32.8	33.0	32.7	33.2	33.0	32.9	33.1	33.1	32.6	32.6	32.5	32.5	32.5
1979	32.6	32.2	32.2	32.4	32.3	32.5	32.7	33.0	33.0	32.6	32.5	32.6	33.0
1980	32.8	32.6	32.5	32.8	32.8	32.7	33.0	33.4	33.2	32.7	32.8	32.8	32.9
1981	32.8	32.6	32.8	33.0	32.7	32.8	32.9	33.0	32.9	32.2	32.6	32.6	32.9
1982		32.1	32.8										

SIC 731—ADVERTISING

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	131.5	126.5	128.3	128.8	131.0	130.7	132.1	132.7	132.4	132.6	133.3	134.3	134.7
1978	139.9	133.4	135.7	137.1	137.7	137.4	139.8	142.4	142.4	142.7	143.0	143.6	143.0
1979	145.9	135.1	143.0	143.4	143.7	144.8	146.8	147.6	147.7	147.9	149.6	150.4	151.2
1980	153.0	151.8	152.4	152.8	151.6	152.5	152.7	154.0	152.7	153.1	153.7	154.3	154.2
1981	155.5	154.1	154.9	154.9	155.2	155.1	156.9	156.5	156.0	154.9	155.3	156.0	156.3
1982		156.5	157.3										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	56.9	54.8	55.7	55.5	56.3	56.0	56.9	56.9	57.4	57.6	58.0	58.4	58.9
1978	62.6	58.7	59.8	60.6	60.7	61.0	61.8	64.6	64.6	64.9	64.4	65.3	65.2
1979	67.3	61.0	65.7	65.9	65.8	66.4	67.3	67.8	68.4	69.2	69.6	70.3	70.3
1980	71.5	70.8	70.7	71.5	71.0	71.5	71.1	71.5	71.4	71.7	72.1	72.0	72.3
1981	74.1	72.7	73.4	73.8	73.6	74.1	74.3	74.7	74.2	73.8	74.2	74.8	75.4
1982		75.8	76.4										

See footnotes at end of tables

SIC 731—ADVERTISING (Con.)

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	98.1	95.0	96.4	96.9	98.5	98.2	98.8	99.2	97.8	98.1	98.6	99.2	100.3
1978	103.6	99.2	100.5	101.8	102.1	102.0	104.0	104.8	105.1	105.2	105.7	106.4	106.1
1979	108.4	99.7	105.8	106.3	106.3	107.6	109.0	109.7	109.6	109.6	111.4	112.6	113.6
1980	115.9	114.1	115.2	115.9	114.7	115.5	115.9	116.9	115.7	115.7	116.6	117.0	117.1
1981	119.2	117.3	117.7	118.3	118.5	118.7	120.5	120.5	120.0	118.9	119.4	120.4	120.4
1982		120.1	121.3										

NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

1977	239.76	231.52	236.82	236.82	238.92	239.90	238.56	238.02	238.56	242.79	244.19	245.07	247.57
1978	255.96	249.57	246.99	249.48	254.54	254.51	253.76	259.56	259.19	258.48	259.54	259.91	260.28
1979	270.75	262.81	262.80	264.99	270.72	268.26	267.90	270.20	270.85	277.03	274.43	276.97	284.33
1980	288.10	280.25	278.46	288.36	288.46	285.60	288.72	280.96	284.44	287.39	292.94	301.67	298.81
1981	312.76	299.70	310.46	310.10	311.66	311.30	312.57	308.18	319.97	307.65	313.11	322.70	322.18
1982		313.82	315.42										

NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

1977	6.66	6.54	6.56	6.56	6.60	6.72	6.59	6.63	6.59	6.67	6.84	6.77	6.82
1978	7.11	7.05	6.88	6.93	7.15	7.05	7.01	7.23	7.16	7.16	7.27	7.16	7.19
1979	7.50	7.28	7.30	7.28	7.52	7.39	7.36	7.59	7.38	7.76	7.56	7.63	7.92
1980	8.07	7.85	7.80	8.10	8.08	8.00	8.11	7.87	7.99	8.05	8.16	8.45	8.37
1981	8.81	8.49	8.77	8.76	8.73	8.72	8.78	8.78	9.09	8.74	8.87	9.09	8.90
1982		8.84	8.86										

NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS

1977	36.0	35.4	36.1	36.1	36.2	35.7	36.2	35.9	36.2	36.4	35.7	36.2	36.3
1978	36.0	35.4	35.9	36.0	35.6	36.1	36.2	35.9	36.2	36.1	35.7	36.3	36.2
1979	36.1	36.1	36.0	36.4	36.0	36.3	36.4	35.6	36.7	35.7	36.3	36.3	35.9
1980	35.7	35.7	35.7	35.6	35.7	35.7	35.6	35.7	35.6	35.7	35.9	35.7	35.7
1981	35.5	35.3	35.4	35.4	35.7	35.7	35.6	35.1	35.2	35.2	35.3	35.5	36.2
1982		35.5	35.6										

SIC 732—CREDIT REPORTING AND COLLECTION

ALL EMPLOYEES—IN THOUSANDS

1977	79.7	79.2	79.6	80.1	80.1	80.1	80.8	81.0	80.1	80.2	79.1	78.1	77.6
1978	78.2	76.5	76.6	77.0	78.3	78.8	79.4	78.6	77.8	78.2	79.2	79.1	79.1
1979	78.0	77.5	77.8	78.1	78.2	78.3	78.1	79.0	78.3	77.6	78.0	77.8	77.3
1980	75.1	75.5	75.7	75.8	75.3	74.4	74.2	74.5	74.4	74.8	75.5	76.0	75.3
1981	75.3	74.6	74.3	74.3	74.7	75.6	76.1	75.8	76.0	75.9	75.8	75.6	75.3
1982		74.7	74.1										

WOMEN EMPLOYEES—IN THOUSANDS

1977	58.6	58.2	58.5	58.8	58.8	58.9	59.5	59.6	58.9	58.8	58.4	57.8	56.7
1978	58.5	56.3	56.7	57.0	58.1	58.5	58.9	58.9	58.9	59.1	59.8	60.0	59.3
1979	58.0	58.0	58.1	58.6	58.8	58.8	58.3	58.6	58.3	57.3	57.6	57.0	56.6
1980	54.3	54.9	55.3	55.1	54.5	53.7	53.5	53.6	53.7	53.8	54.4	54.7	54.2
1981	53.6	53.5	52.9	53.0	53.4	54.4	54.2	54.0	54.0	53.7	53.6	53.3	53.4
1982		53.1	52.7										

SIC 733—MAILING, REPRODUCTION, STENOGRAPHIC

ALL EMPLOYEES—IN THOUSANDS

1977	92.6	80.1	88.1	91.9	91.1	88.8	91.6	89.9	91.9	95.7	97.3	97.6	98.5
1978	104.8	99.2	100.8	101.9	103.2	102.7	101.5	102.6	103.9	107.8	110.2	113.6	110.7
1979	113.3	108.8	108.0	111.0	111.7	112.2	113.2	112.1	113.1	114.3	116.9	119.1	119.6

See footnotes at end of tables.

SIC 733—MAILING, REPRODUCTION, STENOGRAPHIC (Con.)

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1980	120.0	117.4	118.6	117.8	118.8	117.1	119.0	117.6	119.3	121.2	123.9	124.5	125.0
1981	128.0	122.9	123.5	126.1	125.1	125.4	127.3	127.4	128.1	129.7	133.6	134.0	132.5
1982		133.0	131.6										

WOMEN EMPLOYEES—IN THOUSANDS

1977	43.3	41.2	40.9	42.6	42.7	40.9	42.3	41.2	43.1	45.5	46.3	45.6	46.8
1978	50.6	47.1	48.7	48.7	49.6	49.0	47.6	48.6	50.0	52.5	54.0	56.8	54.2
1979	54.8	53.7	53.1	54.6	53.4	53.9	53.6	53.7	53.5	55.4	56.7	58.3	58.1
1980	59.1	56.7	57.8	57.4	58.7	57.3	58.2	57.3	59.1	60.7	62.2	62.0	62.0
1981	63.1	60.5	60.9	62.4	61.8	61.9	62.8	62.7	62.6	63.9	66.3	66.3	65.3
1982		66.5	65.0										

SIC 734—SERVICES TO BUILDINGS

ALL EMPLOYEES—IN THOUSANDS

1977	422.3	412.9	409.4	414.2	415.9	419.0	422.5	422.0	422.5	427.7	430.6	433.3	437.3
1978	451.7	431.5	432.4	438.3	445.7	451.9	458.6	456.6	462.9	460.1	460.3	460.0	459.8
1979	487.0	464.3	461.3	470.6	472.7	482.8	497.6	492.8	497.9	500.5	501.6	501.2	500.6
1980	495.0	497.5	489.3	495.0	497.7	497.3	500.4	497.7	492.1	492.0	494.8	493.9	494.2
1981	514.1	493.1	497.6	501.0	510.3	518.2	519.3	515.0	521.5	523.0	522.6	522.2	525.1
1982		520.3	523.3										

WOMEN EMPLOYEES—IN THOUSANDS

1977	145.0	143.9	140.9	143.2	139.2	142.3	143.7	143.0	145.3	146.0	148.8	151.5	152.3
1978	159.1	149.2	149.7	151.1	153.7	156.0	160.6	161.6	164.6	164.6	165.1	166.5	166.3
1979	177.7	169.2	166.9	167.6	170.3	173.3	178.2	176.3	183.1	187.4	186.8	186.7	186.5
1980	183.9	182.1	181.6	183.1	183.4	182.7	184.9	183.7	183.7	184.7	185.7	184.7	186.1
1981	195.8	184.1	187.4	189.1	190.6	195.7	197.5	193.7	197.6	201.9	201.9	204.2	205.9
1982		202.5	203.9										

NONSUPERVISORY WORKERS—IN THOUSANDS

1977	379.6	371.2	367.4	372.3	374.3	376.9	379.5	379.2	379.8	384.6	386.3	390.1	393.4
1978	405.4	386.6	386.9	391.6	399.2	405.2	412.6	412.0	416.1	413.9	413.7	413.3	413.8
1979	439.5	415.5	414.2	422.8	425.5	434.4	450.2	445.5	450.1	453.6	454.5	454.1	453.5
1980	448.7	451.3	443.7	448.5	451.1	450.9	454.2	452.2	448.5	445.8	448.3	444.1	446.0
1981	465.9	444.8	448.7	452.7	461.5	469.1	471.6	467.3	473.4	474.7	474.7	475.0	476.9
1982		473.0	475.7										

NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

1977	118.85	116.58	115.42	116.58	116.85	118.98	122.41	122.27	120.56	118.44	121.12	119.14	118.44
1978	123.27	123.08	118.15	123.67	123.95	124.76	123.60	124.65	122.82	121.95	125.12	124.22	124.49
1979	128.66	124.35	125.35	127.03	126.16	127.96	128.51	130.97	129.60	128.18	128.31	130.62	133.38
1980	141.86	136.18	137.27	136.77	136.90	140.76	144.84	146.40	145.92	142.78	144.40	143.83	144.35
1981	148.51	145.49	145.79	148.78	147.15	149.60	148.51	149.60	147.15	147.40	148.23	152.01	149.88
1982		145.64	146.57										

NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

1977	4.17	4.02	3.98	4.02	4.10	4.16	4.28	4.29	4.23	4.20	4.28	4.24	4.20
1978	4.45	4.38	4.25	4.37	4.38	4.44	4.43	4.50	4.45	4.50	4.60	4.55	4.56
1979	4.73	4.64	4.66	4.74	4.69	4.67	4.69	4.78	4.73	4.73	4.70	4.82	4.85
1980	5.14	4.97	5.01	5.01	4.96	5.10	5.21	5.21	5.23	5.23	5.27	5.23	5.23
1981	5.46	5.31	5.36	5.47	5.41	5.46	5.44	5.48	5.43	5.50	5.49	5.63	5.49
1982		5.58	5.51										

SIC 734—SERVICES TO BUILDINGS (Con.)

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	28.5	29.0	29.0	29.0	28.5	28.6	28.6	28.5	28.5	28.2	28.3	28.1	28.2
1978	27.7	28.1	27.8	28.3	28.1	27.9	27.7	27.6	27.1	27.2	27.3	27.3	27.3
1979	27.2	26.8	26.9	26.8	26.9	27.4	27.4	27.4	27.4	27.1	27.3	27.1	27.5
1980	27.6	27.4	27.4	27.3	27.6	27.6	27.8	28.1	27.9	27.3	27.4	27.5	27.6
1981	27.3	27.4	27.2	27.2	27.2	27.4	27.3	27.3	27.1	26.8	27.0	27.0	27.3
1982		26.1	25.6										

SIC 736—PERSONNEL SUPPLY SERVICES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	370.4	317.2	325.8	337.9	349.7	362.9	367.7	377.9	389.2	402.8	402.3	400.8	410.0
1978	454.3	421.5	406.1	424.1	433.6	443.5	449.2	455.1	464.2	486.5	490.8	497.2	500.0
1979	526.5	477.2	472.8	490.3	483.5	515.2	531.0	531.8	545.8	561.1	576.0	560.1	573.4
1980	563.4	543.5	543.0	557.9	551.1	547.9	533.3	533.7	565.6	596.0	587.9	594.3	606.0
1981	602.1	551.0	564.4	579.0	592.9	603.7	604.4	617.5	634.5	625.4	625.1	603.8	596.5
1982		566.4	550.5										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	221.6	186.1	188.9	195.4	199.0	209.5	215.8	218.4	225.7	229.2	228.6	228.5	237.8
1978	261.0	230.2	230.2	240.2	247.1	251.2	254.5	260.7	268.6	275.7	283.0	291.2	296.9
1979	308.5	290.3	277.7	288.3	285.1	299.5	305.0	306.7	316.2	325.2	335.0	329.1	343.8
1980	339.4	328.5	328.4	334.7	327.3	330.7	319.7	320.1	339.9	355.2	352.5	361.6	373.6
1981	370.9	371.2	350.5	355.5	363.1	366.4	367.0	380.1	387.6	381.0	384.4	370.9	373.3
1982		367.7	358.0										

SIC 737—COMPUTER AND DATA PROCESSING SERVICES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	186.6	171.8	173.5	176.0	177.7	181.0	184.6	188.2	191.8	194.5	197.6	200.1	202.6
1978	223.8	206.3	211.1	212.9	214.0	215.3	219.6	225.8	228.3	230.8	235.7	240.2	245.7
1979	270.8	249.5	253.5	257.0	261.4	263.9	268.6	273.1	275.8	278.6	284.3	290.7	293.5
1980	304.3	292.6	297.1	295.5	299.7	300.6	303.7	305.8	306.9	308.0	311.2	313.8	316.4
1981	334.8	339.5	334.8	326.1	327.9	325.5	332.0	336.9	339.0	341.8	345.1	348.4	351.0
1982		353.1	353.4										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	87.7	82.7	83.5	84.8	85.4	85.5	86.7	86.9	88.6	90.2	92.0	92.8	93.6
1978	104.3	96.9	98.5	99.1	99.7	100.0	101.6	104.5	105.2	107.0	110.1	113.0	115.8
1979	128.0	118.5	120.0	121.0	123.1	124.6	125.9	128.4	129.1	131.4	134.9	139.6	139.4
1980	141.3	133.1	141.3	138.7	140.8	138.0	140.2	140.6	139.7	140.7	143.5	145.3	147.5
1981	158.2	149.6	154.4	154.7	155.0	152.6	156.2	158.2	159.1	161.3	163.6	166.1	168.0
1982		158.1	168.6										

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	153.1	142.5	143.5	145.6	146.4	148.5	151.5	153.6	156.7	158.6	161.3	163.3	165.7
1978	193.3	169.5	173.3	176.1	175.3	174.7	179.2	185.1	186.4	188.4	193.7	197.3	201.5
1979	222.1	204.9	208.0	211.3	214.8	216.6	221.1	224.9	227.3	229.6	235.1	240.5	242.9
1980	253.6	242.9	247.1	245.0	248.9	249.2	253.6	255.3	257.1	257.8	259.9	262.4	264.3
1981	277.8	267.4	271.0	274.0	274.7	271.7	277.1	281.5	278.3	280.0	282.1	285.5	287.7
1982		286.8	287.4										

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	197.90	190.18	196.56	197.63	197.40	199.02	199.28	197.16	195.94	198.18	200.93	200.56	203.50
1978	211.39	203.67	202.40	204.98	205.90	202.94	211.07	213.81	213.49	216.22	220.10	216.22	218.04
1979	231.78	219.25	217.68	223.86	226.07	226.15	232.21	236.06	235.52	238.63	239.81	238.56	245.59

SIC 737—COMPUTER AND DATA PROCESSING SERVICES (Con.)

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1990	260.62	249.25	248.40	256.96	254.51	252.05	258.84	263.52	263.53	266.82	266.45	272.31	274.91
1981	295.00	275.26	275.63	281.55	288.77	293.18	293.46	297.75	304.94	301.55	307.43	307.93	308.18
1982		311.91	319.40										

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	5.32	5.14	5.20	5.16	5.25	5.35	5.30	5.30	5.31	5.40	5.46	5.45	5.50
1978	5.76	5.54	5.53	5.54	5.58	5.56	5.72	5.81	5.77	5.94	6.03	5.94	5.99
1979	6.35	6.04	6.03	6.15	6.16	6.23	6.31	6.38	6.40	6.52	6.57	6.59	6.71
1980	7.16	6.81	6.90	7.04	7.05	7.08	7.17	7.20	7.22	7.31	7.30	7.34	7.41
1981	7.93	7.48	7.49	7.63	7.68	7.86	7.91	7.94	8.11	8.15	8.22	8.30	8.24
1982		8.43	8.54										

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	37.2	37.0	37.8	38.3	37.6	37.2	37.6	37.2	36.9	36.7	36.8	36.8	37.0
1978	36.7	36.8	36.6	37.0	36.9	36.5	36.9	36.8	37.0	36.4	36.5	36.4	36.4
1979	36.5	36.3	36.1	36.4	36.7	36.3	36.8	37.0	36.8	36.6	36.5	36.2	36.6
1980	36.4	36.6	36.0	36.5	36.1	35.6	36.1	36.6	36.5	36.5	36.5	37.1	37.1
1981	37.2	36.8	36.8	36.9	37.6	37.3	37.1	37.5	37.6	37.0	37.4	37.1	37.4
1982		37.0	37.4										

SIC 75—AUTO REPAIR, SERVICES, AND GARAGES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	497.7	473.4	476.7	485.5	488.8	489.4	497.5	499.4	503.2	506.5	512.4	518.1	521.5
1978	549.2	515.2	525.5	536.3	543.2	544.7	554.7	552.0	556.4	560.2	565.6	565.4	571.6
1979	575.1	563.5	571.7	582.9	578.8	580.1	579.4	577.5	570.0	571.4	575.3	574.0	576.2
1980	570.9	571.6	573.8	579.0	576.6	573.2	574.9	569.8	566.2	567.3	564.4	568.0	565.9
1981	572.3	567.2	566.2	570.0	570.5	571.2	572.5	573.2	573.5	576.0	575.8	578.2	573.6
1982		569.6	577.1										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	77.1	71.5	72.2	74.2	74.5	75.8	77.1	77.8	78.1	79.2	80.2	82.2	81.9
1978	89.6	83.8	83.9	86.1	88.0	88.8	90.2	89.4	90.3	92.3	94.0	94.5	94.1
1979	95.5	92.8	94.3	96.8	96.8	96.0	95.8	97.6	94.4	94.8	95.3	96.6	94.4
1980	95.6	95.1	95.6	97.0	96.5	95.2	95.5	94.1	94.6	95.0	95.7	96.5	96.1
1981	95.6	96.3	94.8	95.9	96.3	96.0	96.0	95.7	95.6	94.6	95.8	95.2	94.7
1982		95.2	95.6										

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	428.1	406.7	409.5	417.1	420.2	421.4	427.6	430.2	433.5	434.5	441.3	445.7	449.0
1978	472.2	442.9	452.7	461.5	467.3	467.4	476.6	474.4	477.5	481.7	486.2	486.3	492.2
1979	492.1	483.6	490.5	501.3	495.7	496.0	495.1	492.9	485.5	489.0	492.1	491.2	492.7
1980	487.8	489.0	491.4	495.2	493.9	489.5	491.3	485.2	483.3	484.2	482.5	485.3	482.7
1981	487.6	482.7	482.6	485.2	485.6	486.9	487.1	488.5	488.8	490.4	491.6	492.3	489.1
1982		482.1	488.8										

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	172.41	166.73	169.27	167.85	169.34	170.92	172.04	173.25	173.71	172.32	175.21	176.43	179.04
1978	188.12	179.45	180.19	183.63	186.50	185.63	189.76	191.52	192.91	189.95	190.46	191.29	194.03
1979	209.63	197.42	195.81	202.07	205.30	207.94	211.50	211.68	217.54	214.32	218.68	217.09	220.13
1980	229.36	222.60	222.00	220.33	223.48	225.43	228.61	232.41	234.93	232.85	231.95	236.22	235.98
1981	244.08	237.25	233.87	236.76	240.41	240.41	244.86	249.74	250.64	247.21	249.38	248.82	251.66
1982		248.71	251.33										

SIC 75—AUTO REPAIR, SERVICES, AND GARAGES (Con.)

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	4.61	4.47	4.49	4.50	4.54	4.57	4.60	4.62	4.62	4.67	4.71	4.73	4.80
1978	5.03	4.85	4.87	4.91	4.96	4.99	5.02	5.04	5.05	5.12	5.12	5.17	5.23
1979	5.59	5.35	5.35	5.36	5.46	5.56	5.61	5.60	5.68	5.70	5.77	5.82	5.87
1980	6.10	6.00	6.00	6.02	6.04	6.06	6.08	6.10	6.15	6.16	6.12	6.20	6.21
1981	6.44	6.26	6.27	6.28	6.36	6.36	6.41	6.47	6.51	6.54	6.58	6.60	6.64
1982		6.74	6.72										

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

1977	37.4	37.3	37.7	37.3	37.3	37.4	37.4	37.5	37.6	36.9	37.2	37.3	37.3
1978	37.4	37.0	37.0	37.4	37.6	37.2	37.6	38.0	38.2	37.1	37.2	37.0	37.1
1979	37.5	36.9	36.6	37.7	37.6	37.4	37.7	37.8	38.3	37.6	37.9	37.3	37.5
1980	37.6	37.1	37.0	36.6	37.0	37.2	37.6	38.1	38.2	37.8	37.9	38.1	38.0
1981	37.9	37.9	37.3	37.7	37.8	37.8	38.2	38.6	38.5	37.8	37.9	37.7	37.9
1982		36.9	37.4										

SIC 753—AUTOMOTIVE REPAIR SHOPS

ALL EMPLOYEES—IN THOUSANDS

1977	307.1	288.7	289.5	297.4	300.4	302.9	306.7	311.6	316.2	315.3	317.0	318.7	318.9
1978	341.6	318.4	322.4	327.1	334.4	338.6	347.5	348.9	351.3	352.0	355.5	350.0	352.8
1979	356.0	351.4	352.6	358.0	357.1	357.6	359.2	360.7	355.7	355.8	357.2	353.6	352.7
1980	349.5	348.6	347.2	350.9	349.8	348.1	352.4	352.3	350.4	349.8	348.3	349.8	346.9
1981	353.1	348.2	345.6	348.6	351.8	351.5	352.9	356.0	357.3	357.6	356.3	356.8	355.1
1982		353.2	354.8										

WOMEN EMPLOYEES—IN THOUSANDS

1977	36.2	34.2	34.1	35.0	35.0	36.0	36.6	37.1	37.3	36.7	37.0	37.9	37.2
1978	40.5	37.4	37.2	38.4	39.0	40.8	41.6	40.9	41.3	42.5	43.2	41.9	41.3
1979	42.5	40.9	41.7	42.8	43.5	43.2	43.2	45.2	42.3	41.9	42.2	42.2	40.7
1980	41.9	41.4	41.0	41.9	42.8	42.0	42.4	41.4	41.7	41.4	42.0	42.2	42.0
1981	43.7	42.3	41.8	42.9	43.5	43.5	43.7	44.0	44.6	43.8	44.8	44.4	45.1
1982		45.6	45.5										

NONSUPERVISORY WORKERS—IN THOUSANDS

1977	261.0	244.9	245.6	252.3	254.9	257.2	261.9	265.5	269.8	267.6	270.2	271.2	271.1
1978	291.8	271.5	275.0	279.0	285.4	288.9	296.7	298.6	300.1	301.5	304.0	299.3	302.0
1979	303.4	300.4	300.9	306.5	305.0	305.1	305.8	306.9	301.8	302.9	303.8	301.0	300.2
1980	297.2	296.5	295.5	298.0	297.5	295.0	299.8	299.3	298.1	297.5	296.8	297.5	295.2
1981	298.8	295.3	293.3	295.2	297.6	297.5	298.0	301.3	302.5	302.1	301.5	301.0	300.3
1982		295.8	296.7										

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

1977	196.67	189.05	193.55	192.86	194.50	195.39	195.89	195.78	195.11	197.22	200.31	202.52	206.56
1978	211.92	202.67	202.65	208.15	212.12	208.65	214.63	212.46	215.72	213.95	213.46	217.28	217.88
1979	231.08	219.84	218.69	225.20	226.51	230.49	232.06	229.90	238.20	234.35	240.34	239.46	242.11
1980	253.63	246.38	248.18	245.38	249.74	252.59	252.85	255.32	258.45	257.13	256.23	260.13	260.63
1981	270.96	262.68	261.42	263.35	268.13	267.34	271.76	275.62	276.01	273.15	276.75	276.51	280.21
1982		276.48	279.80										

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

1977	5.03	4.86	4.95	4.92	5.00	5.01	5.01	5.02	4.99	5.07	5.11	5.14	5.19
1978	5.42	5.21	5.25	5.31	5.37	5.35	5.42	5.42	5.42	5.50	5.53	5.60	5.63
1979	5.91	5.71	5.71	5.63	5.72	5.85	5.92	5.91	6.00	6.04	6.10	6.14	6.24
1980	6.52	6.25	6.38	6.39	6.42	6.46	6.50	6.53	6.61	6.61	6.57	6.67	6.70
1981	6.93	6.77	6.79	6.77	6.84	6.82	6.88	6.96	6.97	7.04	7.06	7.09	7.13
1982		7.20	7.23										

See footnotes at end of tables

SIC 753—AUTOMOTIVE REPAIR SHOPS (Con.)

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	39.1	38.9	39.1	39.2	38.9	39.0	39.1	39.0	39.1	38.9	39.2	39.4	39.4
1978	39.1	38.9	38.6	39.2	39.5	39.0	39.6	39.2	39.8	39.9	38.6	38.8	38.7
1979	39.1	38.5	38.3	40.0	39.6	39.4	39.2	38.9	39.7	38.8	39.4	39.0	38.8
1980	38.9	38.8	38.9	38.4	38.9	39.1	38.9	39.1	39.1	38.9	39.0	39.0	38.8
1981	39.1	38.8	38.5	38.9	39.2	39.2	39.5	39.6	39.6	38.8	39.2	39.0	38.9
1982		38.4	38.7										

SIC 76—MISCELLANEOUS REPAIR SERVICES

ALL EMPLOYEES—IN THOUSANDS

1977	240.7	229.1	229.8	232.5	232.6	236.9	239.6	240.6	243.8	247.9	251.0	251.4	253.1
1978	261.4	251.8	252.3	255.4	256.3	259.3	264.4	261.5	261.6	262.8	266.5	268.9	271.6
1979	281.8	272.8	276.5	280.3	278.9	278.8	283.1	282.3	281.6	284.0	284.7	288.1	290.5
1980	288.8	288.0	287.4	290.2	287.1	284.6	285.6	284.4	288.5	287.3	294.2	293.0	295.1
1981	296.2	293.5	292.0	292.4	292.5	294.5	293.8	295.8	298.1	299.4	301.5	299.9	302.1
1982		296.3	296.4										

WOMEN EMPLOYEES—IN THOUSANDS

1977	43.0	39.6	40.3	40.1	40.0	41.6	41.7	43.1	43.9	44.6	45.6	46.8	46.1
1978	49.6	46.5	46.1	47.3	47.9	48.4	49.7	49.1	49.5	50.6	51.9	53.3	53.1
1979	57.1	55.0	55.2	57.1	56.1	55.9	57.2	57.3	57.3	58.0	58.7	57.9	59.2
1980	59.2	58.7	59.1	59.9	59.4	58.7	58.4	58.2	58.6	58.5	60.2	60.0	59.8
1981	58.6	60.1	59.5	58.3	57.8	58.2	57.8	57.5	58.6	58.2	59.1	58.9	59.1
1982		58.5	59.2										

NONSUPERVISORY WORKERS—IN THOUSANDS

1977	208.3	199.2	199.6	201.9	202.2	205.0	207.6	208.4	210.0	213.1	216.4	217.0	218.7
1978	224.0	216.9	216.3	219.6	222.0	222.2	226.7	224.1	223.4	224.3	227.7	230.1	234.2
1979	242.0	233.2	236.8	239.5	240.0	239.3	242.8	242.8	242.0	243.8	244.6	248.4	250.2
1980	243.0	248.4	247.0	249.3	244.5	242.4	243.9	242.8	234.6	234.3	242.1	241.6	244.6
1981	248.6	243.0	243.1	244.2	244.4	246.2	246.3	248.3	251.4	252.3	255.0	253.5	256.3
1982		250.7	250.4										

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

1977	230.85	219.78	224.62	226.59	227.05	232.72	233.21	232.56	232.30	234.09	236.52	231.24	236.70
1978	244.62	236.00	233.24	238.98	238.39	242.40	244.17	243.21	246.02	251.32	252.56	253.79	255.65
1979	256.48	252.53	248.00	254.20	247.50	252.40	253.89	257.92	259.61	260.29	260.29	263.20	266.12
1980	277.01	262.08	263.98	269.56	264.71	274.51	270.48	277.20	291.20	292.52	290.29	283.68	287.56
1981	298.74	292.50	286.85	289.14	290.69	297.97	301.43	305.63	302.22	303.42	301.86	302.64	311.35
1982		300.58	305.73										

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

1977	5.70	5.55	5.56	5.54	5.62	5.69	5.73	5.70	5.75	5.78	5.84	5.81	5.83
1978	6.04	5.90	5.89	5.93	5.93	6.00	5.97	6.05	6.12	6.10	6.16	6.19	6.18
1979	6.38	6.22	6.20	6.20	6.25	6.31	6.30	6.40	6.41	6.54	6.54	6.58	6.62
1980	6.96	6.72	6.70	6.79	6.77	6.88	6.90	7.00	7.00	7.10	7.15	7.20	7.28
1981	7.66	7.50	7.47	7.51	7.57	7.66	7.67	7.66	7.69	7.82	7.76	7.80	7.84
1982		7.91	7.90										

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

1977	40.5	39.6	40.4	40.9	40.4	40.9	40.7	40.8	40.4	40.5	40.5	39.8	40.6
1978	40.5	40.0	39.6	40.3	40.2	40.4	40.9	40.2	40.2	41.2	41.0	41.0	41.3
1979	40.2	40.6	40.0	41.0	39.6	40.0	40.3	40.3	40.5	39.8	39.8	40.0	40.2
1980	39.8	39.0	39.4	39.7	39.1	39.9	39.2	39.6	41.6	41.2	40.6	39.4	39.5
1981	39.0	39.0	38.4	38.5	38.4	38.9	39.3	39.9	39.3	38.8	38.9	38.8	38.7
1982		38.0	38.7										

SIC 78—MOTION PICTURES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	214.0	197.9	196.3	203.8	204.6	207.4	221.6	229.9	238.4	225.7	217.0	213.0	212.7
1978	213.1	197.5	195.6	201.5	207.1	207.4	217.2	228.7	234.3	225.5	215.8	214.8	211.2
1979	227.6	215.3	218.3	222.0	225.4	221.9	227.9	237.4	239.4	234.3	227.5	229.7	232.3
1980	216.8	222.4	215.3	222.9	219.2	218.2	231.1	235.6	210.2	202.0	202.3	207.8	215.2
1981	217.0	212.8	215.7	219.7	213.1	214.3	218.5	217.7	221.5	223.2	217.2	217.0	213.2
1982		205.5	199.6										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	77.8	72.0	71.1	74.5	74.7	76.3	81.0	84.2	86.9	82.3	77.8	76.7	76.0
1978	78.3	71.8	71.3	74.7	77.3	77.9	81.3	85.5	87.4	84.1	80.4	79.8	79.5
1979	84.5	79.1	79.2	81.1	84.7	85.8	87.7	89.2	89.9	87.0	83.1	83.2	83.9
1980	81.8	80.0	78.3	80.7	83.4	82.5	87.5	90.3	82.8	79.8	77.0	78.9	80.5
1981	85.4	82.4	82.9	84.9	83.9	85.5	87.7	88.9	90.0	87.9	84.8	83.7	82.4
1982		78.9	77.3										

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	188.9	173.4	172.5	177.7	180.3	183.3	196.5	204.6	212.4	199.3	190.8	188.4	187.4
1978	187.5	172.7	171.1	176.6	181.8	182.6	192.0	202.7	206.0	197.9	190.5	189.2	186.8
1979	203.3	190.3	193.9	198.1	202.3	199.7	204.1	213.3	214.4	209.0	202.9	204.7	206.6
1980	196.5	195.4	188.5	195.2	191.8	191.5	202.8	209.4	186.3	178.1	177.1	181.9	187.6
1981	197.5	183.8	184.8	190.8	184.9	185.3	189.5	189.5	192.1	193.5	187.4	185.7	183.0
1982		176.0	170.7										

NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	158.98	139.24	145.29	142.61	136.28	138.92	148.72	164.70	175.82	172.80	181.07	177.16	176.87
1978	187.35	189.87	187.63	181.07	177.28	173.96	175.46	183.71	188.51	188.44	206.18	200.76	197.62
1979	211.00	204.89	213.57	220.83	205.09	172.49	182.88	191.90	205.77	212.52	222.92	243.95	257.04
1980	213.85	252.77	249.64	256.38	220.30	202.02	208.65	206.55	181.44	173.79	198.44	234.08	252.50
1981	230.43	247.56	247.39	244.26	226.23	215.06	206.55	201.07	205.34	217.85	243.63	254.82	260.30
1982		254.74	247.51										

NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	5.52	4.92	5.08	5.13	4.92	5.07	5.20	5.49	5.69	6.00	6.18	6.13	6.12
1978	5.62	6.57	6.47	6.49	6.40	6.28	6.20	6.27	6.39	6.73	7.39	7.17	7.16
1979	7.59	7.37	7.71	8.03	7.54	6.66	6.65	6.64	7.12	7.70	7.99	8.50	9.18
1980	7.88	9.06	8.79	8.78	7.84	7.40	7.27	7.08	6.55	6.71	7.46	8.39	9.05
1981	8.41	8.81	8.65	8.85	8.41	8.24	7.65	7.08	7.36	8.19	8.99	9.30	9.57
1982		9.47	9.27										

NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	28.6	28.3	28.6	27.8	27.7	27.4	28.6	30.0	30.9	28.8	29.3	28.9	28.9
1978	28.3	28.9	29.0	27.9	27.7	27.7	28.3	29.3	29.5	28.0	27.9	28.0	27.6
1979	27.8	27.8	27.7	27.5	27.2	25.9	27.5	28.9	28.9	27.6	27.9	28.7	28.0
1980	27.9	27.9	28.4	29.2	28.1	27.3	28.7	28.7	27.7	25.9	26.6	27.9	27.9
1981	27.4	28.1	28.6	27.6	26.9	26.1	27.0	28.4	27.9	26.6	27.1	27.4	27.2
1982		26.9	26.7										

SIC 781—MOTION PICTURE PRODUCTION AND SERVICES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	78.2	69.9	69.2	72.5	66.0	67.1	75.2	81.9	91.0	85.2	85.7	85.7	88.4
1978	79.1	75.6	74.3	75.7	71.5	69.1	73.7	79.9	85.2	83.5	85.8	87.9	86.4
1979	86.0	87.9	91.3	92.3	85.7	76.6	78.8	83.7	87.3	90.9	93.2	99.2	101.5
1980	81.8	96.8	92.7	94.5	84.8	79.8	85.5	85.9	62.0	60.5	70.6	80.3	87.9
1981	82.1	83.9	88.4	89.3	80.3	78.6	76.0	70.4	75.3	81.1	85.2	89.7	86.9
1982		81.9	78.8										

See footnotes at end of tables.

SIC 781—MOTION PICTURE PRODUCTION AND SERVICES (Con.)

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	22.3	19.4	19.5	20.3	19.5	20.0	21.6	23.8	26.4	24.4	23.8	24.0	24.6
1978	22.8	20.9	20.8	21.9	20.7	20.2	21.5	22.5	23.7	23.8	24.9	25.8	26.5
1979	25.8	25.1	25.2	26.1	25.5	23.8	23.5	24.2	25.6	26.6	26.8	28.2	29.3
1980	25.0	27.0	26.8	26.6	27.2	25.2	26.3	26.9	20.4	20.4	22.2	24.9	26.6
1981	26.5	26.1	27.2	27.8	25.6	25.4	25.2	24.2	25.6	26.7	28.0	28.8	27.8
1982		26.2	25.9										

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	67.3	59.5	59.4	61.1	56.2	57.4	64.7	70.8	79.3	73.8	73.4	74.6	77.0
1978	68.1	64.8	64.1	65.8	61.8	59.6	64.0	69.3	72.2	71.0	74.5	75.7	74.9
1979	78.0	76.1	79.5	81.1	75.6	67.5	69.1	73.5	76.6	79.6	81.9	87.1	88.2
1980	68.0	82.1	77.9	79.5	70.2	66.1	70.1	72.7	51.2	49.6	57.6	66.7	72.7
1981	67.3	69.0	71.8	75.1	66.9	64.5	62.2	57.5	60.7	66.3	69.7	72.7	71.1
1982		66.9	64.1										

NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	296.91	249.87	266.96	260.28	258.83	271.58	285.76	313.36	321.56	327.99	338.72	318.82	309.86
1978	361.75	359.67	351.66	334.52	353.25	356.66	346.51	357.59	365.18	370.76	393.12	372.00	365.85
1979	407.51	382.54	398.91	417.66	403.77	348.30	367.05	374.19	405.58	414.77	419.51	449.30	475.42
1980	440.19	469.10	469.26	492.96	437.40	412.00	418.37	395.61	388.86	375.71	407.54	468.59	495.79
1981	461.84	494.86	479.93	469.68	449.32	442.60	424.84	412.72	419.10	440.63	482.79	489.34	503.50
1982		498.02	478.91										

NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	7.96	6.79	7.10	7.25	7.15	7.36	7.60	8.29	8.44	8.70	8.73	8.64	8.42
1978	9.57	9.49	9.23	9.19	9.42	9.24	9.34	9.46	9.51	9.63	10.40	9.92	9.73
1979	10.64	10.12	10.47	11.02	10.71	9.19	9.46	9.57	10.48	10.69	10.84	11.55	12.78
1980	11.06	12.41	11.88	11.85	10.80	10.00	10.33	10.17	9.92	9.56	10.37	11.57	12.52
1981	12.09	12.56	12.15	12.36	12.31	11.74	11.18	10.72	11.00	11.75	12.54	12.81	13.32
1982		13.46	13.34										

NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	37.3	36.8	37.6	35.9	36.2	36.9	37.6	37.8	38.1	37.7	38.8	36.9	36.8
1978	37.8	37.9	38.1	36.4	37.5	38.6	37.1	37.8	38.4	38.5	37.8	37.5	37.6
1979	38.3	37.8	38.1	37.9	37.7	37.9	38.8	39.1	38.7	38.8	38.7	38.9	37.2
1980	39.8	37.8	39.5	41.6	40.5	41.2	40.5	38.9	39.2	39.3	39.3	40.5	39.6
1981	38.2	39.4	39.5	38.0	36.5	37.7	38.0	38.5	38.1	37.5	38.5	38.2	37.8
1982		37.0	35.9										

SIC 783—MOTION PICTURE THEATERS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	125.2	117.8	116.9	120.9	128.0	129.6	135.5	137.1	136.6	129.7	120.5	116.5	113.4
1978	123.1	110.9	110.2	114.7	124.5	127.4	132.7	138.0	138.3	131.2	119.2	116.0	114.1
1979	128.0	116.5	116.2	119.0	129.0	134.7	138.6	143.2	141.8	132.8	123.7	120.1	120.4
1980	123.9	115.1	112.0	117.8	123.7	127.1	133.8	138.2	137.0	130.0	120.4	116.2	115.9
1981	123.8	117.6	116.2	119.3	121.4	124.5	131.3	136.2	135.3	130.9	121.0	116.2	115.1
1982		112.8	109.9										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	49.7	47.0	46.0	48.5	49.4	50.5	53.5	54.5	54.6	52.1	48.2	46.9	45.6
1978	50.6	45.1	44.6	46.9	50.5	51.8	54.0	57.3	57.8	54.4	49.6	48.2	47.3
1979	53.0	48.3	48.3	49.3	53.6	56.4	58.5	59.2	58.6	54.6	50.4	49.3	48.9
1980	50.8	47.2	45.7	48.2	50.3	51.5	55.0	57.2	56.4	53.4	48.9	48.0	47.7
1981	52.7	50.3	49.6	51.1	52.1	53.8	56.3	58.6	58.2	54.8	50.4	48.5	48.2
1982		46.3	45.1										

SIC 79—AMUSEMENT AND RECREATION SERVICES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	665.7	563.8	578.1	600.5	656.9	690.9	744.2	765.9	767.0	722.1	658.3	622.4	617.7
1978	708.4	587.3	603.1	635.0	694.2	733.4	803.5	828.4	835.7	782.4	690.4	657.1	650.2
1979	712.0	618.3	633.2	664.7	717.3	759.1	808.0	811.5	803.8	751.6	680.4	645.2	650.8
1980	763.5	630.0	646.0	700.2	755.7	803.8	864.1	888.7	889.2	832.0	744.7	702.9	704.7
1981	772.6	669.0	684.1	707.1	758.1	805.6	856.1	875.7	872.9	826.7	750.7	725.6	739.6
1982		708.6	728.5										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	247.7	201.8	208.7	215.4	234.0	250.0	274.7	292.5	294.5	283.0	249.8	234.6	233.5
1978	269.8	220.1	227.1	234.6	256.9	274.8	310.2	321.6	326.4	304.0	263.3	248.4	250.6
1979	274.6	238.5	243.3	252.1	274.3	291.4	317.2	320.6	315.7	291.8	259.8	243.6	246.8
1980	294.2	237.7	245.7	261.9	284.5	308.2	337.4	350.7	350.9	327.6	283.8	270.8	270.8
1981	301.5	257.2	263.2	271.7	289.4	313.6	338.4	345.1	343.0	327.6	293.3	284.6	290.9
1982		277.7	286.8										

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	602.2	506.2	520.1	535.1	594.6	625.6	679.4	700.4	699.5	655.9	594.9	559.5	555.4
1978	643.0	526.7	543.2	572.5	629.3	668.8	735.4	760.9	766.1	714.2	622.2	590.1	585.8
1979	642.7	552.3	567.1	598.5	647.6	688.1	735.2	740.0	728.3	677.8	612.8	579.4	584.9
1980	692.1	561.1	581.2	633.2	687.7	734.6	792.1	815.2	814.9	753.5	670.5	629.0	631.8
1981	698.9	598.0	612.7	633.9	686.5	731.4	781.7	799.8	797.5	751.6	676.7	651.3	665.7
1982		633.4	654.3										

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	133.96	127.80	128.90	127.67	130.82	130.20	133.90	138.17	136.68	132.13	137.06	140.30	140.00
1978	147.11	141.34	144.45	144.29	144.57	142.54	143.74	150.86	146.50	147.19	152.77	153.52	153.00
1979	155.14	152.31	151.47	149.66	151.97	150.23	152.31	159.21	160.88	154.88	155.73	162.84	160.73
1980	164.50	159.94	161.27	158.11	161.29	158.48	164.16	164.21	164.09	163.86	170.81	173.46	177.01
1981	181.50	176.71	177.30	172.57	181.80	176.32	175.99	181.64	185.15	186.36	186.03	191.14	184.08
1982		175.89	182.87										

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	4.28	4.19	4.24	4.27	4.39	4.34	4.12	4.04	4.02	4.29	4.45	4.57	4.59
1978	4.70	4.68	4.69	4.70	4.74	4.72	4.45	4.45	4.36	4.81	4.96	5.05	5.10
1979	5.07	5.06	4.95	4.94	4.95	5.11	4.82	4.81	4.92	5.25	5.37	5.52	5.43
1980	5.52	5.44	5.43	5.49	5.62	5.62	5.33	5.18	5.16	5.67	5.81	5.86	5.96
1981	5.99	5.93	5.91	5.91	6.06	6.08	5.77	5.73	5.75	6.11	6.16	6.35	6.24
1982		6.15	6.22										

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	31.3	30.5	30.4	29.9	29.8	30.0	32.5	34.2	34.0	30.8	30.8	30.7	30.5
1978	31.3	30.2	30.8	30.7	30.5	30.2	32.3	33.9	33.6	30.6	30.8	30.4	30.0
1979	30.6	30.1	30.6	30.3	30.7	29.4	31.6	33.1	32.7	29.5	29.0	29.5	29.6
1980	29.8	29.4	29.7	28.8	28.7	28.2	30.8	31.7	31.8	28.9	29.4	29.6	29.7
1981	30.3	29.8	30.0	29.2	30.0	29.0	30.5	31.7	32.2	30.5	30.2	30.1	29.5
1982		28.6	29.4										

SIC 80—HEALTH SERVICES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	4,583.9	4,472.8	4,484.9	4,509.0	4,520.6	4,543.8	4,596.9	4,615.7	4,633.3	4,634.0	4,650.1	4,666.4	4,679.1
1978	4,791.6	4,693.3	4,709.8	4,734.2	4,747.5	4,759.6	4,811.3	4,824.8	4,833.4	4,825.6	4,835.6	4,857.3	4,866.4
1979	4,992.8	4,873.2	4,888.5	4,905.9	4,923.6	4,944.6	5,012.7	5,025.4	5,045.8	5,041.8	5,063.6	5,083.9	5,105.1
1980	5,278.0	5,135.4	5,166.4	5,182.1	5,196.2	5,224.1	5,283.1	5,317.5	5,338.0	5,335.6	5,360.3	5,389.5	5,408.6
1981	5,555.1	5,424.0	5,442.1	5,468.8	5,481.9	5,501.5	5,567.3	5,601.8	5,609.4	5,612.3	5,635.9	5,654.2	5,661.4
1982		5,675.9	5,688.4										

See footnotes at end of tables.

SIC 80—HEALTH SERVICES (Con.)

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	3,716.8	3,628.3	3,639.6	3,656.8	3,661.7	3,680.3	3,724.3	3,737.4	3,752.4	3,759.8	3,776.3	3,788.6	3,796.5
1978	3,889.3	3,808.5	3,821.1	3,843.8	3,855.7	3,865.1	3,904.3	3,910.6	3,916.1	3,916.9	3,927.8	3,948.5	3,952.6
1979	4,060.3	3,959.0	3,971.4	3,986.2	4,003.6	4,021.0	4,077.4	4,082.9	4,099.1	4,102.7	4,123.4	4,141.9	4,155.5
1980	4,295.9	4,182.3	4,207.2	4,219.5	4,232.1	4,254.0	4,299.9	4,323.9	4,341.1	4,343.2	4,362.9	4,387.5	4,397.1
1981	4,518.8	4,410.0	4,424.1	4,447.8	4,460.3	4,474.4	4,524.2	4,551.8	4,560.8	4,564.4	4,591.3	4,606.4	4,609.7
1982		4,621.1	4,635.9										

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	4,099.1	3,997.5	4,011.0	4,034.0	4,042.1	4,064.7	4,113.3	4,129.7	4,146.8	4,144.6	4,157.2	4,169.4	4,179.2
1978	4,273.2	4,193.3	4,208.8	4,229.5	4,239.0	4,245.8	4,290.8	4,301.6	4,308.9	4,296.4	4,303.8	4,323.4	4,336.6
1979	4,442.8	4,337.9	4,350.7	4,365.0	4,377.3	4,396.0	4,461.1	4,469.8	4,491.2	4,484.6	4,506.9	4,526.6	4,546.8
1980	4,711.6	4,574.3	4,602.9	4,621.5	4,633.2	4,655.3	4,721.0	4,752.0	4,774.2	4,765.8	4,790.6	4,817.2	4,830.7
1981	4,967.7	4,843.8	4,857.6	4,882.2	4,900.9	4,915.7	4,980.4	5,015.8	5,021.9	5,022.3	5,046.3	5,058.9	5,067.1
1982		5,079.3	5,093.7										

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	145.20	141.24	141.47	141.80	142.46	143.01	144.75	147.40	146.85	147.39	148.50	147.93	148.91
1978	157.41	151.67	151.26	152.38	154.30	154.96	157.18	160.61	159.17	161.35	161.53	161.70	162.20
1979	170.28	165.49	165.97	165.64	167.13	166.12	168.48	172.86	171.98	173.78	173.16	175.36	176.67
1980	186.30	178.76	180.07	180.50	180.93	181.91	185.46	188.58	189.66	190.49	192.21	193.85	195.49
1981	207.62	199.70	201.06	201.39	202.41	204.05	205.95	211.46	211.86	211.90	212.88	215.17	215.16
1982		226.79	222.38										

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	4.40	4.28	4.30	4.31	4.33	4.36	4.36	4.40	4.41	4.48	4.50	4.51	4.54
1978	4.77	4.61	4.64	4.66	4.69	4.71	4.72	4.78	4.78	4.86	4.88	4.90	4.93
1979	5.16	5.03	5.06	5.05	5.08	5.08	5.09	5.16	5.18	5.25	5.26	5.33	5.37
1980	5.68	5.45	5.49	5.52	5.55	5.58	5.62	5.68	5.73	5.79	5.86	5.91	5.96
1981	6.33	6.07	6.13	6.14	6.19	6.24	6.26	6.35	6.42	6.48	6.53	6.58	6.62
1982		6.79	6.78										

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	33.0	33.0	32.9	32.9	32.9	32.8	33.2	33.5	33.3	32.9	33.0	32.8	32.8
1978	33.0	32.9	32.6	32.7	32.9	32.9	33.3	33.6	33.3	33.2	33.1	33.0	32.9
1979	33.0	32.9	32.8	32.8	32.9	32.7	33.1	33.5	33.2	33.1	32.8	32.9	32.9
1980	32.8	32.8	32.8	32.7	32.6	32.6	33.0	33.2	33.1	32.9	32.8	32.9	32.8
1981	32.8	32.9	32.8	32.8	32.7	32.7	32.9	33.3	33.0	32.7	32.6	32.7	32.6
1982		33.4	32.8										

SIC 801—OFFICES OF PHYSICIANS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	645.9	632.5	629.5	634.4	636.6	639.5	645.5	650.1	653.9	653.5	654.8	658.0	662.7
1978	680.6	661.7	664.2	666.7	668.8	674.7	682.5	686.6	690.6	688.7	691.0	693.6	697.5
1979	716.8	697.4	700.6	704.0	707.5	712.6	720.3	723.2	727.3	723.5	728.0	726.5	730.2
1980	750.0	733.2	736.2	738.7	740.1	742.3	747.6	755.5	758.3	758.6	759.4	762.9	767.1
1981	785.7	770.1	768.9	771.5	774.8	778.6	787.1	793.6	794.6	795.2	797.3	798.1	798.1
1982		801.4	800.9										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	508.8	502.0	500.7	502.7	501.2	503.1	508.9	510.3	513.7	512.5	514.4	516.5	519.2
1978	533.6	517.8	520.2	523.0	525.0	529.2	536.0	538.2	540.5	538.9	542.4	544.2	547.1
1979	561.1	546.8	550.4	552.6	555.1	559.1	565.5	564.9	567.3	564.5	570.1	567.7	569.5
1980	584.9	573.2	574.2	575.9	577.9	579.8	582.9	588.1	591.4	592.2	592.0	594.0	596.8
1981	611.9	598.5	597.1	599.4	603.2	604.9	612.7	619.1	620.0	619.7	622.1	622.4	623.4
1982		627.4	626.3										

SIC 801—OFFICES OF PHYSICIANS (Con.)

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	538.5	528.5	526.4	531.1	532.0	534.2	538.6	542.0	544.9	543.5	544.1	546.9	550.0
1978	561.6	550.1	550.6	552.6	553.7	558.1	564.3	566.5	569.5	564.8	567.5	568.2	573.7
1979	586.6	572.7	574.5	575.7	578.0	582.2	590.4	591.8	596.3	591.8	595.8	593.7	595.9
1980	614.1	598.0	598.2	605.1	604.8	605.9	613.8	620.3	624.3	621.4	623.4	625.5	628.7
1981	645.2	630.5	628.3	631.7	635.8	638.0	647.8	655.3	655.9	654.1	656.3	653.7	654.7
1982		657.2	656.1										

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	150.77	147.40	149.29	149.97	151.64	152.18	155.04	155.60	153.64	157.31	158.12	155.57	157.74
1978	164.64	157.44	158.27	160.56	165.17	163.82	162.84	166.17	164.67	169.50	168.81	170.67	171.93
1979	175.35	170.69	173.18	173.05	173.76	173.84	174.17	176.25	174.41	178.30	176.36	179.73	182.41
1980	190.84	182.74	185.00	184.06	182.97	185.28	190.19	190.45	193.43	193.70	198.44	200.53	203.03
1981	210.27	205.36	207.35	208.00	209.95	207.69	208.01	208.98	211.88	211.86	212.16	213.73	214.43
1982		211.68	213.09										

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	4.59	4.40	4.43	4.49	4.54	4.57	4.56	4.59	4.60	4.71	4.72	4.70	4.78
1978	4.68	4.60	4.64	4.61	4.66	4.69	4.69	4.69	4.66	5.09	5.10	5.11	5.21
1979	5.04	5.02	5.08	5.26	5.33	5.30	5.31	5.39	5.35	5.52	5.46	5.53	5.63
1980	5.49	5.64	5.71	5.77	5.70	5.79	5.87	5.86	5.97	5.96	6.05	6.17	6.19
1981	6.31	6.28	6.36	6.40	6.46	6.45	6.46	6.47	6.58	6.60	6.63	6.70	6.68
1982		6.72	6.68										

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	33.5	33.5	33.7	33.4	33.4	33.3	34.0	33.9	33.4	33.4	33.5	33.1	33.0
1978	33.1	32.8	32.7	32.7	33.3	33.5	33.3	33.3	33.2	33.3	33.1	33.4	33.0
1979	33.6	32.7	32.8	32.9	32.6	32.8	32.8	32.7	32.6	32.3	32.3	32.5	32.4
1980	33.4	33.4	33.4	33.6	33.2	32.9	32.9	33.1	32.9	32.8	32.8	32.5	32.8
1981	33.3	32.7	32.5	32.5	32.5	32.2	32.2	32.3	32.2	32.1	32.0	31.9	32.1
1982		31.5	31.9										

SIC 802—OFFICES OF DENTISTS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	266.6	259.8	257.5	259.5	263.2	267.6	269.2	267.1	269.8	291.5	290.2	292.6	294.8
1978	302.3	294.6	294.2	298.3	301.0	301.2	303.0	302.2	301.7	304.6	304.6	309.6	312.1
1979	322.0	312.6	313.5	317.0	319.3	322.0	326.3	321.0	323.6	324.1	326.7	327.3	330.4
1980	341.3	335.7	336.4	335.8	335.3	339.1	341.1	341.3	341.6	345.3	342.4	348.8	352.8
1981	360.1	348.8	349.4	354.3	355.8	357.0	360.8	362.9	362.1	362.7	367.1	371.6	370.0
1982		374.7	377.2										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	236.2	228.6	227.1	229.1	231.8	235.4	237.0	235.2	237.5	256.5	255.4	257.6	259.5
1978	266.1	259.5	259.0	262.4	265.8	265.2	266.8	266.0	265.4	268.0	268.0	272.5	274.7
1979	283.5	275.2	276.0	279.2	281.0	283.6	287.0	282.5	284.8	285.2	287.5	288.1	290.7
1980	301.0	295.5	296.3	295.7	295.3	298.5	300.3	300.5	300.7	304.0	301.4	307.0	310.4
1981	317.0	307.9	307.9	311.9	313.3	314.2	317.5	319.5	318.8	319.4	323.1	327.1	325.8
1982		329.9	331.9										

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	519.2	513.6	511.7	514.6	516.4	518.3	520.8	520.6	521.1	522.0	522.8	524.5	526.8
1978	547.3	540.6	539.6	541.7	543.3	544.2	545.8	545.2	545.6	546.4	547.1	548.1	550.2
1979	569.5	560.0	559.6	559.3	563.3	564.2	565.3	562.8	563.1	564.5	564.1	565.3	567.2
1980	596.8	587.1	590.1	592.9	591.3	592.1	594.5	597.0	597.0	598.0	597.7	599.2	601.2
1981	623.4	617.8	616.4	619.5	619.0	620.9	623.4	624.5	625.4	626.0	626.8	628.1	628.3
1982			633.4	634.7									

SIC 802—OFFICES OF DENTISTS (Con.)

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	127.68	125.57	124.96	126.13	123.82	125.09	125.40	127.27	127.97	130.07	132.31	132.31	134.21
1978	136.30	134.99	133.38	135.28	137.24	134.32	138.23	136.88	137.47	136.25	138.36	137.53	137.09
1979	148.55	142.64	146.16	147.83	149.64	147.97	148.61	148.55	148.90	150.45	149.12	151.67	151.61
1980	162.14	152.93	156.80	157.72	158.34	161.80	163.29	161.87	163.57	163.31	167.61	170.21	169.29
1981	179.27	176.03	174.75	176.51	175.46	177.44	175.34	180.24	183.74	180.41	182.90	183.18	184.23
1982		184.43	185.84										

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	4.48	4.36	4.40	4.41	4.36	4.42	4.40	4.45	4.49	4.58	4.61	4.61	4.66
1978	4.70	4.72	4.68	4.73	4.70	4.68	4.75	4.72	4.66	4.65	4.69	4.71	4.76
1979	5.14	4.97	5.04	5.08	5.16	5.12	5.16	5.14	5.17	5.17	5.16	5.23	5.21
1980	5.63	5.31	5.37	5.42	5.46	5.56	5.65	5.64	5.66	5.73	5.84	5.91	5.94
1981	6.29	6.07	6.11	6.15	6.20	6.27	6.24	6.28	6.38	6.33	6.44	6.45	6.51
1982		6.54	6.59										

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	28.5	28.8	28.4	28.6	28.4	28.3	28.5	28.6	28.5	28.4	28.7	28.7	28.8
1978	29.0	28.6	28.5	28.6	29.2	28.7	29.1	29.0	29.5	29.3	29.5	29.2	28.8
1979	28.9	28.7	29.0	29.1	29.0	28.9	28.8	28.9	28.8	29.1	28.9	29.0	29.1
1980	28.8	28.8	29.2	29.1	29.0	29.1	28.9	29.7	28.9	28.5	28.7	28.8	28.5
1981	28.5	29.0	28.6	28.7	28.3	28.3	28.1	28.7	28.8	28.5	28.4	28.4	28.3
1982		28.2	28.2										

SIC 805—NURSING AND PERSONAL CARE FACILITIES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	860.0	835.4	836.1	840.9	840.6	848.2	864.8	868.3	874.7	874.9	876.0	878.3	881.3
1978	910.6	885.2	887.4	891.7	898.5	903.0	916.6	920.7	926.9	923.0	922.5	925.2	926.2
1979	950.8	929.8	929.5	933.2	937.8	941.6	958.7	960.2	965.9	961.9	960.1	963.4	967.6
1980	996.6	977.7	978.1	981.2	984.6	990.8	1,002.6	1,004.2	1,010.4	1,003.7	1,007.5	1,009.5	1,009.4
1981	1,029.4	1,011.7	1,011.2	1,014.0	1,015.1	1,021.5	1,034.0	1,037.3	1,039.9	1,039.7	1,040.6	1,044.0	1,044.1
1982		1,048.5	1,047.2										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	761.9	740.7	740.3	744.7	744.1	751.2	765.3	768.3	774.3	776.1	777.4	778.7	781.9
1978	809.8	786.2	787.5	793.3	799.7	802.8	815.0	817.6	823.6	821.5	821.9	824.2	823.9
1979	848.0	827.6	826.2	830.0	835.9	840.2	855.5	856.7	861.8	859.2	857.9	861.3	864.1
1980	888.6	873.1	873.3	876.7	879.0	884.3	893.7	894.9	899.4	894.6	897.1	899.0	898.6
1981	913.4	899.0	898.6	900.1	901.8	907.6	916.1	918.5	921.7	922.3	923.7	925.9	925.5
1982		928.7	927.5										

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	780.8	759.6	761.6	765.0	764.1	771.2	786.0	788.7	793.6	793.8	794.3	794.7	796.8
1978	822.0	800.3	802.9	805.1	811.3	814.5	827.1	832.3	837.5	833.2	831.7	833.5	834.5
1979	855.4	837.6	837.1	841.1	842.2	845.6	861.8	863.3	869.7	864.3	863.3	867.1	871.4
1980	897.8	879.8	880.0	882.0	884.5	891.8	903.9	905.0	911.3	904.3	908.5	910.7	911.7
1981	931.1	913.1	913.0	916.2	918.1	923.8	936.1	939.2	941.5	941.0	942.1	944.1	945.3
1982		949.1	947.5										

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	101.37	100.13	100.78	99.18	99.79	100.43	101.06	103.98	101.71	102.30	102.94	101.97	103.23
1978	111.38	108.96	107.84	109.16	109.47	109.03	111.12	115.24	112.05	111.91	112.53	112.84	113.46
1979	119.35	116.42	117.35	116.66	118.18	116.66	118.11	122.36	119.35	120.98	119.42	121.52	121.44
1980	128.85	125.36	124.75	125.15	126.90	127.20	129.17	131.67	129.16	131.13	129.86	131.02	132.25
1981	141.19	138.57	138.26	138.57	138.74	138.60	140.12	143.78	142.87	145.07	142.14	144.14	144.30
1982		148.36	148.82										

See footnotes at end of tables.

SIC 805

SIC 805—NURSING AND PERSONAL CARE FACILITIES (Con.)

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	3.27	3.23	3.23	3.22	3.24	3.25	3.26	3.28	3.26	3.30	3.31	3.30	3.33
1978	3.57	3.47	3.49	3.51	3.52	3.54	3.55	3.59	3.58	3.61	3.63	3.64	3.66
1979	3.85	3.82	3.81	3.80	3.80	3.80	3.81	3.86	3.85	3.89	3.89	3.92	3.93
1980	4.17	4.07	4.09	4.09	4.12	4.13	4.14	4.18	4.18	4.23	4.23	4.24	4.28
1981	4.54	4.47	4.46	4.47	4.49	4.50	4.52	4.55	4.55	4.62	4.60	4.62	4.64
1982		4.74	4.77										

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

1977	31.0	31.0	31.2	30.8	30.8	30.9	31.0	31.7	31.2	31.0	31.1	30.9	31.0
1978	31.2	31.4	30.9	31.1	31.1	30.8	31.3	32.1	31.3	31.0	31.0	31.0	31.0
1979	31.0	31.0	30.8	30.7	31.2	30.7	31.0	31.7	31.0	31.1	30.7	31.0	30.9
1980	30.9	30.8	30.5	30.6	30.8	30.8	31.2	31.5	30.9	31.0	30.7	30.9	30.9
1981	31.1	31.0	31.0	31.0	30.9	30.8	31.0	31.6	31.4	31.4	30.9	31.2	31.1
1982		31.3	31.2										

SIC 806—HOSPITALS

ALL EMPLOYEES—IN THOUSANDS

1977	2,465.2	2,418.3	2,428.2	2,438.4	2,441.6	2,447.1	2,472.4	2,483.8	2,485.8	2,481.7	2,492.1	2,496.8	2,496.3
1978	2,538.2	2,505.3	2,515.0	2,525.1	2,525.5	2,524.2	2,548.5	2,555.0	2,552.7	2,546.5	2,550.4	2,556.6	2,554.0
1979	2,608.4	2,556.2	2,567.0	2,570.6	2,572.6	2,577.9	2,611.4	2,625.2	2,630.6	2,630.4	2,642.6	2,655.0	2,661.4
1980	2,750.2	2,672.2	2,690.9	2,697.9	2,705.3	2,717.1	2,754.2	2,775.6	2,782.2	2,782.0	2,798.7	2,810.8	2,815.7
1981	2,901.2	2,830.1	2,844.9	2,857.7	2,863.4	2,869.5	2,906.2	2,927.6	2,929.8	2,930.4	2,945.4	2,952.3	2,957.3
1982		2,962.8	2,975.1										

WOMEN EMPLOYEES—IN THOUSANDS

1977	1,978.7	1,937.8	1,945.6	1,955.0	1,959.0	1,962.6	1,981.9	1,991.3	1,992.7	1,995.3	2,004.9	2,009.6	2,008.5
1978	2,042.7	2,016.1	2,024.3	2,032.4	2,033.7	2,032.9	2,049.7	2,052.4	2,049.8	2,049.7	2,053.5	2,060.5	2,056.6
1979	2,103.7	2,058.8	2,067.6	2,071.3	2,073.3	2,076.9	2,104.5	2,114.9	2,119.7	2,124.1	2,136.0	2,146.5	2,151.3
1980	2,222.3	2,158.8	2,174.9	2,179.7	2,186.0	2,195.0	2,224.9	2,241.7	2,247.3	2,249.1	2,263.0	2,272.7	2,274.7
1981	2,346.3	2,286.7	2,298.7	2,310.8	2,314.2	2,318.9	2,348.5	2,364.0	2,368.5	2,370.3	2,386.8	2,393.5	2,394.7
1982		2,400.0	2,409.6										

NONSUPERVISORY WORKERS—IN THOUSANDS

1977	2,236.2	2,186.9	2,197.1	2,208.4	2,211.2	2,218.0	2,242.4	2,254.4	2,257.9	2,253.2	2,264.4	2,269.8	2,270.6
1978	2,315.7	2,281.4	2,293.1	2,302.5	2,304.1	2,302.4	2,325.6	2,332.8	2,330.5	2,323.6	2,326.6	2,332.9	2,333.4
1979	2,382.0	2,334.3	2,344.5	2,347.2	2,348.8	2,352.0	2,382.3	2,394.2	2,401.6	2,402.1	2,415.3	2,426.9	2,434.9
1980	2,523.3	2,446.6	2,465.5	2,472.8	2,481.3	2,489.5	2,528.1	2,548.6	2,555.2	2,552.9	2,567.3	2,578.4	2,581.0
1981	2,659.2	2,592.3	2,604.8	2,615.6	2,623.6	2,628.7	2,664.5	2,684.9	2,686.5	2,688.1	2,702.1	2,707.4	2,711.8
1982		2,717.2	2,729.8										

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

1977	158.44	154.02	153.91	153.91	155.26	155.82	158.12	161.12	161.81	161.16	162.04	162.24	162.43
1978	172.21	164.94	165.47	166.14	167.31	169.16	172.00	175.42	175.10	176.99	176.64	177.14	177.30
1979	187.42	181.94	181.37	181.37	181.70	181.51	185.61	189.46	190.10	191.61	191.98	193.69	194.44
1980	206.65	198.02	199.39	198.99	200.10	201.11	204.17	209.42	211.41	211.42	213.18	214.25	215.94
1981	231.54	220.32	221.37	222.05	224.08	226.45	229.14	237.35	237.01	236.94	239.33	241.37	242.05
1982		247.81	249.22										

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

1977	4.66	4.53	4.54	4.54	4.58	4.61	4.61	4.67	4.69	4.74	4.78	4.80	4.82
1978	5.05	4.88	4.91	4.93	4.95	4.99	5.00	5.07	5.09	5.16	5.18	5.21	5.23
1979	5.48	5.32	5.35	5.35	5.36	5.37	5.38	5.46	5.51	5.57	5.63	5.68	5.70
1980	6.06	5.79	5.83	5.87	5.92	5.95	5.97	6.07	6.11	6.20	6.27	6.32	6.37
1981	6.81	6.48	6.53	6.55	6.61	6.68	6.70	6.84	6.91	7.01	7.06	7.12	7.14
1982		7.31	7.33										

See footnotes at end of tables

SIC 806—HOSPITALS (Con.)

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

1977	34.0	34.0	33.9	33.9	33.9	33.8	34.3	34.5	34.5	34.0	33.9	33.8	33.7
1978	34.1	33.8	33.7	33.7	33.8	33.9	33.8	33.9	33.8	33.7	34.1	34.0	33.9
1979	34.2	34.2	33.9	33.9	33.9	33.8	34.5	34.7	34.5	34.4	34.1	34.1	34.2
1980	34.1	34.2	34.2	33.9	33.8	33.8	34.2	34.5	34.6	34.1	34.0	33.9	33.9
1981	34.0	34.0	33.9	33.9	33.9	33.9	34.2	34.7	34.3	33.8	33.9	33.9	33.9
1982		33.9	34.0										

SIC 81—LEGAL SERVICES

ALL EMPLOYEES—IN THOUSANDS

1977	393.9	375.4	378.3	381.7	382.8	383.3	400.1	404.3	402.4	398.9	404.7	406.6	408.4
1978	426.6	408.2	410.4	413.7	414.9	418.2	435.8	437.8	439.4	430.7	433.2	437.2	439.4
1979	459.9	439.8	443.2	444.5	445.5	449.9	468.5	470.6	469.0	464.9	471.9	474.7	475.8
1980	497.7	475.3	478.2	483.1	485.2	490.4	504.3	511.9	505.3	501.3	507.6	513.7	516.0
1981	532.4	514.5	515.4	517.2	519.5	521.8	543.0	547.3	544.6	536.7	541.2	545.3	542.7
1982		545.2	548.2										

WOMEN EMPLOYEES—IN THOUSANDS

1977	281.9	268.6	270.7	272.8	276.9	277.1	285.8	288.9	286.2	284.1	289.6	290.2	292.2
1978	304.1	292.9	295.3	298.6	299.1	300.9	307.7	308.8	309.6	305.0	307.4	311.2	313.0
1979	325.8	313.8	316.7	317.6	317.3	319.8	327.6	328.0	330.1	329.9	333.5	336.7	338.3
1980	352.7	338.9	341.5	345.7	347.4	349.7	355.4	359.5	355.7	352.5	358.6	362.9	364.7
1981	376.4	365.3	365.4	367.1	370.3	370.1	380.7	383.9	382.6	379.1	382.7	385.5	384.2
1982		385.7	386.2										

NONSUPERVISORY WORKERS—IN THOUSANDS

1977	345.0	330.0	332.5	335.6	336.3	335.7	352.1	355.3	352.6	347.7	352.2	353.8	356.1
1978	369.8	355.8	357.6	360.6	361.4	363.4	379.2	379.2	379.7	372.0	373.6	376.8	378.3
1979	394.8	378.4	381.0	381.4	382.1	386.0	402.4	404.4	403.2	398.7	404.1	407.1	408.3
1980	426.7	406.7	409.6	414.4	416.7	421.5	434.0	440.9	433.6	427.7	435.2	439.3	441.0
1981	454.4	439.6	440.0	442.0	443.8	445.6	465.6	471.2	466.0	457.1	460.4	462.3	459.1
1982		460.9	462.9										

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

1977	200.21	196.31	195.03	196.18	197.10	198.22	198.58	199.41	198.83	203.00	204.34	203.99	206.36
1978	213.18	210.53	207.40	208.28	211.88	209.10	213.35	213.16	213.98	219.98	219.56	219.56	217.03
1979	230.86	220.42	220.77	221.42	224.79	221.75	231.53	232.90	236.60	233.92	240.45	240.45	238.48
1980	253.58	246.05	248.16	250.82	247.39	245.18	256.34	253.62	252.40	254.39	255.82	265.48	263.50
1981	277.49	268.76	275.19	275.09	271.17	271.10	279.14	276.56	284.20	278.17	281.47	290.34	286.75
1982		288.27	290.02										

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

1977	5.82	5.74	5.77	5.77	5.78	5.83	5.69	5.78	5.73	5.85	5.94	5.93	5.99
1978	6.27	6.12	6.10	6.09	6.25	6.15	6.22	6.37	6.27	6.32	6.47	6.42	6.44
1979	6.79	6.56	6.61	6.59	6.71	6.58	6.77	6.93	6.81	7.00	6.88	6.87	7.12
1980	7.35	7.03	7.07	7.27	7.15	7.19	7.43	7.33	7.38	7.46	7.48	7.74	7.66
1981	8.09	7.79	8.07	8.02	7.86	7.95	8.01	8.04	8.31	8.11	8.23	8.44	8.24
1982		8.38	8.48										

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

1977	34.4	34.2	33.8	34.0	34.1	34.0	34.9	34.5	34.7	34.7	34.4	34.4	34.4
1978	34.0	34.4	34.0	34.2	33.9	34.0	34.3	34.2	34.0	33.7	34.0	34.2	33.7
1979	34.0	33.6	33.4	33.6	33.5	34.0	34.3	34.2	34.0	33.8	34.0	35.0	34.9
1980	34.5	35.0	35.1	34.5	34.6	33.7	34.2	34.3	34.2	34.1	34.0	34.3	34.4
1981	34.3	34.5	34.1	34.3	34.5	34.1	34.1	34.4	34.2	34.3	34.2	34.4	34.8
1982		34.4	34.2										

SIC 82—EDUCATIONAL SERVICES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	1,031.2	1,034.2	1,036.2	1,093.3	1,085.6	1,061.0	955.0	872.3	851.6	982.4	1,107.3	1,127.0	1,105.9
1978	1,062.4	1,060.7	1,121.5	1,132.1	1,140.2	1,109.9	983.4	892.8	885.9	1,013.5	1,127.1	1,148.8	1,133.0
1979	1,089.7	1,073.0	1,141.5	1,151.0	1,146.6	1,118.9	998.9	939.3	928.7	1,050.2	1,189.6	1,189.5	1,168.8
1980	1,138.2	1,103.4	1,179.3	1,184.4	1,181.5	1,153.7	1,040.1	990.7	998.6	1,116.9	1,237.2	1,243.9	1,229.9
1981	1,173.2	1,163.1	1,237.9	1,250.4	1,235.5	1,194.2	1,086.8	1,001.6	987.0	1,119.3	1,264.1	1,282.9	1,256.0
1982		1,168.2	1,255.3										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	513.7	513.5	542.2	549.9	546.3	534.2	482.7	407.4	394.7	500.4	561.9	571.2	559.5
1978	538.6	540.7	571.4	584.7	583.6	568.7	499.1	443.4	439.0	513.7	569.0	578.5	571.5
1979	553.4	547.9	579.1	584.8	582.6	571.2	505.4	460.5	460.4	537.4	601.2	611.2	598.8
1980	586.4	567.6	603.9	607.9	610.0	600.4	535.8	500.0	504.5	591.7	655.3	661.1	652.1
1981	619.5	617.0	657.3	663.7	657.2	638.5	576.9	516.7	508.0	590.8	667.9	676.9	663.0
1982		621.2	671.1										

SIC 821—ELEMENTARY AND SECONDARY SCHOOLS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	237.7	242.1	243.6	242.5	240.7	241.7	234.1	189.1	180.7	215.5	232.3	235.3	234.6
1978	240.1	243.0	240.2	243.0	246.1	246.9	241.2	202.3	201.0	234.3	244.2	250.6	248.9
1979	258.6	249.3	254.0	255.5	254.6	255.6	249.6	233.7	235.4	262.1	276.4	288.1	288.5
1980	285.1	288.7	293.7	298.3	296.2	299.4	293.1	268.4	273.6	297.4	308.9	311.8	314.4
1981	307.7	308.6	317.0	319.8	318.0	319.1	307.5	271.6	263.6	297.7	312.3	316.8	316.9
1982		314.1	322.0										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	136.1	148.6	148.7	148.2	147.3	148.0	143.2	92.8	82.7	132.2	146.3	147.8	147.5
1978	148.2	147.0	151.6	153.7	155.2	156.2	151.1	125.0	124.2	147.0	153.2	157.0	156.9
1979	161.2	157.3	159.9	160.8	160.6	161.5	155.5	139.3	141.0	165.5	174.5	180.1	178.0
1980	180.1	179.6	178.9	183.2	183.9	186.0	177.2	155.3	161.1	185.5	204.3	206.7	207.2
1981	194.9	201.5	208.5	210.5	211.1	211.0	200.4	167.6	161.4	183.9	193.8	194.9	193.8
1982		192.9	199.1										

SIC 822—COLLEGES AND UNIVERSITIES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	702.5	695.0	743.7	751.5	745.3	719.2	622.0	584.6	575.2	675.9	770.1	784.4	764.6
1978	717.6	711.7	773.6	780.0	784.9	753.8	636.0	587.0	580.8	670.7	770.0	783.8	768.9
1979	726.9	709.5	772.3	778.6	775.9	747.7	636.3	595.9	585.6	677.3	777.3	783.9	762.7
1980	756.6	698.7	767.1	768.5	767.2	737.9	631.4	609.3	612.7	706.4	810.2	813.4	796.8
1981	749.1	736.8	801.1	810.4	797.7	755.8	662.2	616.1	610.4	706.6	830.2	843.2	817.1
1982		734.2	822.2										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	302.7	312.4	341.3	348.5	345.3	332.3	285.2	260.0	259.2	312.5	357.9	364.5	353.3
1978	330.1	334.6	359.5	370.0	367.3	351.8	288.9	260.9	257.4	307.0	353.9	358.5	351.8
1979	327.1	327.6	355.0	358.6	356.5	343.8	285.3	268.9	258.1	308.9	360.9	364.6	354.4
1980	329.9	322.4	357.5	358.4	356.8	347.6	292.5	280.6	279.7	331.9	385.1	387.0	377.8
1981	357.5	349.5	381.3	385.3	378.2	359.8	309.9	284.4	282.5	341.4	405.4	412.7	399.7
1982		359.9	402.1										

SIC 83—SOCIAL SERVICES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	854.6	800.6	813.2	822.8	829.5	825.3	838.0	889.0	893.2	865.6	878.9	894.5	904.9
1978	990.6	905.5	923.4	946.9	966.3	978.3	986.6	1,053.3	1,057.1	1,003.3	1,009.1	1,020.7	1,037.1
1979	1,061.3	1,033.6	1,051.5	1,070.4	1,073.6	1,088.9	1,100.0	1,125.2	1,126.8	1,071.5	1,076.6	1,067.3	1,090.7
1980	1,134.3	1,092.9	1,110.6	1,119.1	1,129.1	1,142.3	1,140.7	1,151.5	1,144.1	1,139.7	1,142.7	1,148.6	1,150.4
1981	1,156.6	1,149.5	1,154.9	1,161.8	1,166.1	1,163.9	1,152.9	1,166.6	1,153.2	1,144.8	1,148.8	1,155.2	1,161.7
1982		1,152.7	1,161.5										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	620.2	582.4	592.5	601.9	605.0	602.1	607.0	623.7	627.7	635.2	648.6	656.4	659.4
1978	720.8	662.4	675.0	690.4	703.8	713.0	713.9	738.1	742.4	737.2	747.3	756.4	769.4
1979	797.4	765.9	781.9	795.6	793.3	806.5	801.6	796.1	805.3	797.4	806.4	803.9	815.2
1980	838.6	816.2	827.7	833.7	837.0	848.2	836.9	832.2	826.9	843.1	848.9	856.5	856.0
1981	856.8	851.5	858.3	862.6	865.0	864.9	848.8	842.8	834.3	853.4	863.1	867.3	870.0
1982		865.0	869.1										

SIC 86—MEMBERSHIP ORGANIZATIONS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	1,495.4	1,461.6	1,480.4	1,488.5	1,493.9	1,503.3	1,510.0	1,514.2	1,497.0	1,482.1	1,497.0	1,504.6	1,511.6
1978	1,501.6	1,484.3	1,486.4	1,498.9	1,502.8	1,516.0	1,517.3	1,509.6	1,495.8	1,489.7	1,498.4	1,506.2	1,513.9
1979	1,516.2	1,490.9	1,511.6	1,522.9	1,525.6	1,533.3	1,536.1	1,521.5	1,512.8	1,500.7	1,509.1	1,515.7	1,514.2
1980	1,539.3	1,518.2	1,539.5	1,540.3	1,542.0	1,550.3	1,550.9	1,549.7	1,536.4	1,522.8	1,539.8	1,538.9	1,542.5
1981	1,529.0	1,514.0	1,530.0	1,529.4	1,530.5	1,541.6	1,533.5	1,538.0	1,523.6	1,511.8	1,526.5	1,531.1	1,537.7
1982		1,511.7	1,531.4										

SIC 89—MISCELLANEOUS SERVICES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	786.6	756.5	763.9	771.3	771.9	769.7	785.3	795.9	801.3	799.6	803.1	808.3	814.5
1978	867.4	822.1	834.6	846.7	851.8	852.4	874.0	880.4	886.7	879.1	884.8	894.7	901.1
1979	940.7	907.8	916.2	925.9	927.1	924.4	946.1	955.4	960.7	949.4	951.9	962.2	961.8
1980	997.4	970.0	984.2	990.8	992.1	983.6	996.9	1,011.9	1,013.0	998.5	1,004.8	1,008.6	1,014.1
1981	1,044.7	1,023.4	1,033.2	1,040.3	1,040.5	1,033.0	1,049.7	1,060.9	1,058.5	1,048.4	1,048.8	1,048.2	1,051.5
1982		1,061.6	1,069.8										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	230.1	220.3	223.6	226.6	227.4	224.2	227.7	230.0	232.4	233.3	235.3	238.6	242.2
1978	259.7	245.8	253.6	257.6	258.3	255.6	260.4	260.4	262.6	259.9	263.2	267.9	271.5
1979	287.3	276.1	281.4	286.0	285.9	281.3	285.9	286.6	289.8	289.5	291.7	295.8	297.9
1980	320.6	305.1	314.9	319.5	321.5	315.5	319.8	324.1	324.5	320.4	325.1	326.2	330.0
1981	348.3	337.2	344.9	349.6	348.6	342.7	347.3	350.5	351.8	348.8	350.9	352.2	354.8
1982		360.0	368.3										

NONSUPERVISORY WORKERS—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	658.2	634.1	639.7	645.9	646.8	645.9	659.0	667.1	670.4	666.8	669.3	674.3	679.3
1978	720.9	685.1	695.7	705.8	710.7	710.9	727.7	731.4	736.9	728.5	731.9	741.8	744.3
1979	781.6	750.3	761.7	770.3	771.2	767.7	787.9	794.8	797.4	786.8	787.3	801.5	801.8
1980	832.0	806.0	820.5	828.7	831.0	821.7	832.6	845.3	846.3	830.7	836.4	839.7	845.1
1981	870.8	852.7	863.3	871.4	870.7	863.5	879.7	888.7	882.5	870.7	868.5	868.0	869.4
1982		877.5	882.3										

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	260.94	255.69	259.50	258.45	260.02	259.38	258.82	257.76	260.74	262.05	265.42	264.65	266.81
1978	275.71	268.73	272.61	275.01	276.19	269.04	269.37	273.22	274.94	277.78	282.34	280.82	284.59
1979	294.14	287.54	289.45	290.94	291.82	288.41	287.27	292.19	293.76	300.09	301.37	301.27	307.75

See footnotes at end of tables

SIC 89—MISCELLANEOUS SERVICES (Con.)

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1980	324.61	306.32	308.56	315.47	315.85	316.97	321.77	324.61	328.52	331.58	337.04	343.14	341.13
1981	358.32	344.70	351.89	353.19	354.24	349.10	354.33	355.30	363.47	360.81	367.10	374.52	374.22
1982		374.19	383.17										

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

1977	6.76	6.59	6.62	6.61	6.65	6.79	6.74	6.73	6.79	6.86	6.93	6.91	6.93
1978	7.18	6.98	6.99	6.98	7.10	7.08	7.07	7.19	7.16	7.31	7.43	7.39	7.45
1979	7.70	7.43	7.46	7.46	7.56	7.55	7.54	7.73	7.67	7.96	7.91	7.97	8.12
1980	8.52	8.04	8.12	8.28	8.29	8.43	8.49	8.52	8.60	8.68	8.80	9.03	8.93
1981	9.38	9.00	9.14	9.15	9.13	9.26	9.30	9.35	9.54	9.52	9.61	9.83	9.72
1982		9.77	9.85										

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

1977	38.6	38.6	39.2	39.1	39.1	38.2	38.4	38.3	38.4	38.2	38.3	38.3	38.5
1978	38.4	38.5	39.0	39.4	38.9	38.0	38.1	38.0	38.4	38.0	38.0	38.0	38.2
1979	38.2	38.7	38.8	39.0	38.6	38.2	38.1	37.8	38.3	37.7	38.1	37.8	37.9
1980	38.1	38.1	38.0	38.1	38.1	37.6	37.9	38.1	38.2	38.2	38.3	38.0	38.2
1981	38.2	38.3	38.5	38.6	38.8	37.7	39.1	38.0	38.1	37.9	39.2	38.1	38.5
1982		38.3	38.9										

SIC 891—ENGINEERING AND ARCHITECTURAL SERVICES

ALL EMPLOYEES—IN THOUSANDS

1977	424.0	398.1	400.4	406.9	411.8	417.9	430.1	434.9	436.1	434.3	436.6	439.3	442.0
1978	472.6	441.8	444.3	451.1	456.9	465.0	483.1	486.8	490.8	481.5	485.5	491.2	492.8
1979	525.0	489.7	490.3	496.6	499.3	507.0	525.1	531.3	531.6	522.7	524.8	531.4	530.0
1980	544.9	528.4	529.8	532.9	535.2	537.7	548.4	554.8	556.1	549.5	553.6	555.2	556.9
1981	570.3	556.2	556.2	560.9	563.4	567.4	580.9	584.7	582.6	574.2	572.6	572.2	572.3
1982		570.0	568.3										

WOMEN EMPLOYEES—IN THOUSANDS

1977	79.0	73.5	74.0	75.4	76.8	77.6	80.0	80.6	81.1	81.3	81.9	82.7	83.6
1978	91.2	83.9	84.9	86.6	88.3	89.6	92.6	93.7	94.5	93.1	94.1	96.1	97.2
1979	102.8	97.0	97.1	98.3	99.2	101.1	104.4	105.6	106.7	104.9	105.5	107.2	107.9
1980	114.3	108.6	110.3	111.0	111.9	112.7	115.4	116.2	116.5	116.0	116.8	117.7	118.6
1981	124.9	120.8	121.5	122.8	122.7	123.9	127.7	128.4	127.8	125.1	125.5	125.8	126.6
1982		126.1	126.7										

NONSUPERVISORY WORKERS—IN THOUSANDS

1977	360.6	339.7	341.7	346.7	350.9	356.4	367.3	371.1	371.2	367.6	369.2	371.6	374.1
1978	399.5	373.0	375.0	380.8	386.0	393.5	409.7	413.1	417.0	407.1	409.4	414.0	415.1
1979	436.4	412.4	413.1	419.1	421.6	428.4	446.4	452.6	452.4	443.5	445.2	451.7	450.0
1980	463.2	447.9	448.9	452.6	454.9	457.3	467.4	473.7	474.6	466.1	470.1	471.7	473.1
1981	482.5	470.9	471.1	475.6	478.2	481.5	497.7	500.3	494.4	483.7	479.0	478.5	478.8
1982		476.0	470.3										

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

1977	282.35	273.53	278.39	277.99	279.49	281.56	279.97	279.56	282.66	285.59	287.62	287.56	289.14
1978	296.40	287.78	293.53	293.92	296.77	293.31	290.90	292.14	294.39	299.54	302.61	303.80	304.92
1979	318.11	309.24	312.76	313.17	312.19	314.70	309.96	312.19	317.04	323.25	325.40	328.02	333.59
1980	354.11	329.95	336.27	346.75	346.37	349.46	351.14	352.69	357.10	363.87	369.33	375.77	372.09
1981	393.28	379.46	382.14	386.23	389.22	387.00	386.68	387.44	396.47	394.68	404.15	412.51	411.99
1982		411.77	424.93										

See footnotes at end of tables

SIC 891—ENGINEERING AND ARCHITECTURAL SERVICES (Con.)

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	7.13	6.96	7.03	7.02	7.04	7.11	7.07	7.06	7.12	7.23	7.30	7.28	7.32
1978	7.60	7.36	7.45	7.46	7.59	7.54	7.44	7.51	7.51	7.72	7.86	7.83	7.90
1979	8.22	7.97	8.04	8.03	8.13	8.09	8.03	8.13	8.15	8.44	8.43	8.52	8.62
1980	9.15	8.66	8.78	8.96	8.95	9.03	9.05	9.09	9.18	9.33	9.47	9.66	9.59
1981	10.11	9.78	9.90	9.98	9.98	10.00	9.92	9.96	10.14	10.23	10.31	10.55	10.52
1982		10.64	10.84										

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

1977	39.6	39.3	39.6	39.6	39.7	39.6	39.6	39.6	39.7	39.5	39.4	39.5	39.5
1978	39.0	39.1	39.4	39.4	39.1	38.9	39.1	38.9	39.2	38.8	38.5	38.8	38.5
1979	38.7	38.8	38.9	39.0	38.4	38.9	38.6	38.4	38.9	38.3	38.6	38.5	38.7
1980	38.7	38.1	38.3	38.7	38.7	38.7	38.8	38.8	38.9	39.0	39.0	38.9	38.8
1981	38.9	38.8	38.6	38.7	39.0	38.7	39.0	38.9	39.1	38.6	39.2	39.1	39.2
1982		38.7	39.2										

SIC 893—ACCOUNTING, AUDITING, AND BOOKKEEPING

ALL EMPLOYEES—IN THOUSANDS

1977	251.8	250.9	254.4	255.1	251.3	242.1	244.2	247.7	251.3	253.7	254.7	256.1	256.8
1978	275.4	266.7	276.2	279.4	277.4	269.6	271.4	272.5	273.6	275.0	277.4	280.3	280.1
1979	299.0	293.8	300.5	303.6	301.9	291.9	294.0	296.4	300.4	300.0	300.0	302.5	302.9
1980	318.6	312.4	322.8	324.7	323.5	311.3	315.0	318.9	319.2	316.6	317.8	318.8	322.0
1981	335.3	332.2	339.6	341.1	339.2	327.9	330.3	333.4	333.9	334.1	336.0	335.7	339.2
1982		352.3	360.8										

WOMEN EMPLOYEES—IN THOUSANDS

1977	104.5	102.3	104.4	105.5	105.0	100.5	101.2	101.7	103.3	104.8	106.3	106.1	110.4
1978	117.5	113.0	119.3	120.5	119.3	115.2	116.3	114.6	115.5	116.1	118.3	120.1	122.3
1979	130.5	126.6	131.4	134.4	133.1	126.8	127.6	127.1	129.5	130.6	131.7	133.1	134.2
1980	146.8	140.1	146.3	149.5	151.1	143.7	144.5	146.1	146.8	145.4	148.8	148.5	151.1
1981	161.4	155.7	161.7	164.3	164.0	157.6	158.4	159.2	161.1	161.5	163.4	164.2	166.1
1982		172.0	178.3										

NONSUPERVISORY WORKERS—IN THOUSANDS

1977	203.8	202.0	206.2	206.8	203.7	196.7	197.7	200.1	202.9	205.2	206.1	207.9	210.5
1978	221.0	216.6	224.7	227.1	225.6	218.0	217.0	216.0	216.8	218.3	220.2	223.8	228.4
1979	240.4	236.3	244.2	246.6	245.3	235.8	236.5	236.6	238.7	239.0	237.1	243.6	245.2
1980	257.4	251.0	262.1	265.3	265.1	252.2	254.0	256.9	256.8	254.7	255.4	256.2	258.5
1981	271.7	269.2	277.6	279.7	277.3	266.8	266.0	268.1	268.5	269.0	271.6	271.9	274.1
1982		285.0	294.4										

NONSUPERVISORY WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

1977	223.85	223.08	228.80	227.60	227.70	220.37	219.79	218.21	220.82	220.22	226.50	225.45	227.02
1978	238.61	234.69	239.39	246.82	244.80	226.27	229.02	238.35	237.51	236.66	244.67	238.50	243.96
1979	255.94	247.02	254.32	253.76	262.14	247.59	251.28	259.28	254.77	259.24	258.02	256.06	265.17
1980	274.81	269.99	265.65	271.49	271.16	263.15	270.48	277.49	279.38	277.13	277.66	284.93	285.17
1981	301.40	287.96	303.79	306.86	303.60	287.61	297.04	298.88	305.25	301.88	303.06	308.47	309.79
1982		311.50	322.38										

NONSUPERVISORY WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

1977	5.86	5.72	5.72	5.69	5.75	5.94	5.83	5.85	5.92	5.92	6.04	5.98	5.99
1978	6.23	6.08	6.03	6.02	6.12	6.05	6.14	6.39	6.30	6.35	6.49	6.36	6.42
1979	6.68	6.35	6.39	6.36	6.57	6.55	6.63	6.97	6.74	6.95	6.79	6.81	7.09
1980	7.27	6.87	6.90	7.07	7.08	7.19	7.33	7.38	7.47	7.41	7.39	7.68	7.69
1981	7.89	7.46	7.73	7.71	7.59	7.69	7.90	7.97	8.25	8.05	8.06	8.27	8.13
1982		8.07	8.10										

SIC 893—ACCOUNTING, AUDITING, AND BOOKKEEPING (Con.)

NONSUPERVISORY WORKER AVERAGE WEEKLY HOURS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	39.2	39.0	40.0	40.0	39.6	37.1	37.7	37.3	37.3	37.2	37.5	37.7	37.9
1978	38.3	38.5	39.7	41.0	40.0	37.4	37.3	37.3	37.7	37.3	37.7	37.5	38.0
1979	38.3	38.5	39.8	39.9	39.9	37.8	37.9	37.2	37.8	37.3	38.0	37.6	37.4
1980	37.9	39.1	38.5	38.4	38.3	36.6	36.9	37.6	37.4	37.4	37.6	37.1	38.1
1981	38.2	38.6	39.3	39.8	40.0	37.4	37.6	37.5	37.0	37.5	37.6	37.3	38.1
1982		38.6	39.6										

See footnotes at end of tables

GOVERNMENT

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
						ALL EMPLOYEES—IN THOUSANDS							
1977	15,127	14,947	15,131	15,199	15,188	15,253	15,213	14,561	14,453	14,973	15,418	15,589	15,594
1978	15,672	15,477	15,737	15,878	15,931	15,986	15,880	15,132	14,974	15,360	15,796	15,956	15,952
1979	15,947	15,778	16,009	16,102	16,135	16,177	16,102	15,389	15,305	15,687	16,115	16,286	16,280
1980	16,241	16,102	16,372	16,533	16,735	16,639	16,471	15,603	15,419	15,829	16,316	16,456	16,416
1981	16,024	16,195	16,435	16,468	16,433	16,388	16,168	15,334	15,097	15,529	16,000	16,137	16,108
1982		15,862	16,085										
						WOMEN EMPLOYEES—IN THOUSANDS							
1977	6,907	6,812	6,952	7,020	7,028	7,069	6,977	6,342	6,270	6,796	7,136	7,234	7,245
1978	7,216	7,173	7,330	7,403	7,458	7,494	7,366	6,608	6,462	7,026	7,348	7,459	7,466
1979	7,450	7,388	7,522	7,581	7,614	7,610	7,469	6,856	6,861	7,253	7,618	7,813	7,816
1980	7,759	7,737	7,897	7,980	8,075	8,004	7,827	7,077	6,988	7,594	7,909	8,020	7,997
1981	7,722	7,895	8,028	8,050	8,039	8,009	7,806	7,074	6,951	7,414	7,737	7,836	7,826
1982		7,712	7,831										

FEDERAL GOVERNMENT[1]

						ALL EMPLOYEES—IN THOUSANDS							
1977	2,727	2,697	2,705	2,714	2,716	2,728	2,765	2,773	2,757	2,717	2,714	2,716	2,724
1978	2,753	2,711	2,720	2,725	2,739	2,756	2,802	2,815	2,793	2,744	2,746	2,746	2,733
1979	2,773	2,730	2,738	2,740	2,750	2,773	2,824	2,838	2,844	2,751	2,756	2,760	2,770
1980	2,866	2,763	2,803	2,869	3,103	2,963	2,995	2,949	2,862	2,754	2,774	2,776	2,782
1981	2,772	2,773	2,774	2,769	2,773	2,782	2,825	2,833	2,803	2,735	2,737	2,729	2,729
1982		2,717	2,723										
						WOMEN EMPLOYEES—IN THOUSANDS							
1977	856	838	845	852	864	864	877	883	871	841	845	847	846
1978	866	849	855	859	866	872	891	894	881	860	860	858	851
1979	860	848	850	850	853	860	877	881	884	851	855	853	859
1980	908	863	880	908	1,002	945	957	938	906	867	875	876	877
1981	878	878	879	876	878	881	895	899	890	866	865	862	868
1982		869	872										

MANUFACTURING ACTIVITIES

						ALL EMPLOYEES—IN THOUSANDS							
1977	134.2	137.6	138.1	139.2	137.9	136.4	137.3	135.3	133.8	130.3	129.7	128.1	126.7
1978	124.2	125.5	124.1	123.1	123.5	124.3	124.7	125.0	124.6	123.4	124.0	124.1	124.3
1979[e]	124.9	125.0	124.7	124.5	125.5	125.5	125.4	125.6	125.0	123.7	124.1	124.7	124.8
1980	123.8	123.4	122.1	122.7	123.6	124.1	124.6	124.7	123.2	120.1	124.7	125.9	126.6
1981	130.7	128.1	128.2	128.0	124.3	129.1	132.4	134.1	133.2	129.1	132.9	134.3	134.1
1982		134.5	134.8										

SHIPBUILDING

						ALL EMPLOYEES—IN THOUSANDS							
1977	69.6	69.5	69.7	69.2	69.0	68.9	70.2	69.4	69.4	68.6	70.0	70.4	70.6
1978	72.0	71.0	71.2	71.5	71.8	72.5	72.5	72.5	72.3	71.5	72.3	72.3	72.4

See footnotes at end of tables.

SHIPBUILDING (Con.)

						ALL EMPLOYEES—IN THOUSANDS							
1979[e]	72.5	72.5	72.2	72.2	72.7	72.6	72.7	72.9	73.0	72.1	72.3	72.7	72.6
1980	72.2	71.2	71.2	71.1	71.5	71.6	71.9	71.8	71.4	69.7	74.4	75.3	75.6
1981	77.8	76.8	76.8	76.4	76.5	77.0	78.1	78.5	78.4	75.7	78.9	80.0	80.0
1982		80.4	80.6										

TRANSPORTATION AND PUBLIC UTILITIES, EXCEPT POSTAL SERVICE

						ALL EMPLOYEES—IN THOUSANDS							
1977	40.1	36.2	36.1	36.1	37.3	38.3	39.7	40.8	41.5	42.3	43.3	44.5	44.8
1978	45.8	45.5	46.5	47.5	47.4	47.6	46.9	46.3	45.5	44.7	44.4	44.5	43.1
1979	43.4	43.3	43.9	44.4	44.4	44.8	44.3	43.8	43.0	43.2	42.6	42.4	41.1
1980	41.2	40.4	40.3	40.0	40.1	40.7	41.8	41.9	41.2	42.0	41.9	42.0	41.7
1981	42.4	41.5	41.6	41.8	42.2	41.9	42.1	42.6	42.4	42.4	42.9	43.3	43.7
1982		43.0	43.2										

SERVICES

						ALL EMPLOYEES—IN THOUSANDS							
1977	375.8	364.8	371.9	371.2	372.3	375.7	378.6	382.2	382.9	376.7	377.5	377.6	377.8
1978	380.3	377.7	379.8	381.4	383.7	388.1	393.1	395.8	392.9	377.9	369.0	364.5	359.9
1979	360.3	354.2	349.8	348.2	352.3	357.2	365.5	371.4	372.2	364.3	361.3	362.9	364.8
1980	404.5	365.5	402.7	408.1	411.2	413.0	415.4	418.8	413.4	403.7	401.3	401.0	400.1
1981	393.5	397.7	393.6	390.5	389.4	391.1	396.6	399.1	400.4	395.4	390.6	389.4	388.4
1982		386.0	386.8										

FEDERAL HOSPITALS

						ALL EMPLOYEES—IN THOUSANDS							
1977	226.0	226.9	231.6	227.3	226.1	225.3	225.8	225.8	225.0	221.8	224.8	225.5	226.1
1978	229.3	226.2	226.6	226.7	228.3	230.7	235.2	236.8	235.7	229.8	226.3	225.0	224.0
1979	224.5	223.0	221.7	221.3	221.4	222.7	226.6	229.2	228.3	225.7	223.3	224.4	226.1
1980	233.9	229.2	232.7	236.0	237.4	236.4	237.5	238.4	234.0	230.5	230.5	231.3	232.7
1981	231.6	234.1	233.3	232.8	230.4	229.4	230.7	233.0	232.7	231.0	230.0	230.2	231.0
1982		230.6	231.3										

EXECUTIVE

						ALL EMPLOYEES—IN THOUSANDS							
1977	2,675.5	2,645.8	2,654.9	2,662.8	2,664.0	2,675.8	2,712.3	2,720.5	2,704.7	2,665.4	2,662.5	2,664.3	2,673.1
1978	2,699.9	2,659.5	2,668.2	2,672.9	2,686.7	2,702.9	2,747.5	2,760.3	2,738.5	2,691.9	2,694.5	2,694.4	2,681.2
1979	2,719.8	2,677.5	2,686.3	2,688.3	2,697.4	2,720.3	2,770.2	2,783.0	2,789.6	2,697.8	2,702.7	2,707.0	2,717.2
1980	2,811.6	2,709.1	2,749.5	2,815.1	3,049.2	2,908.2	2,939.1	2,893.1	2,805.5	2,699.1	2,719.8	2,722.7	2,728.5
1981	2,717.3	2,717.6	2,720.1	2,715.3	2,718.5	2,727.7	2,769.1	2,776.7	2,748.1	2,680.8	2,683.3	2,675.6	2,675.2
1982		2,662.5	2,668.6										

DEPARTMENT OF DEFENSE

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	917.7	918.4	917.6	918.4	917.4	920.0	932.0	931.6	922.0	909.1	907.8	909.8	907.7
1978	910.3	908.4	906.0	905.6	905.4	911.3	924.8	927.1	918.6	905.4	905.8	905.3	902.0
1979	899.4	896.0	895.0	892.0	890.0	896.6	906.6	908.5	898.5	887.2	887.8	888.0	889.0
1980	893.1	885.1	885.4	886.6	888.5	895.1	909.8	911.5	894.7	883.5	891.3	892.0	893.6
1981	923.8	892.9	891.6	894.2	899.1	908.9	931.4	940.6	930.7	903.3	914.8	921.6	924.4
1982		924.1	928.0										

POSTAL SERVICE

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	654.1	650.2	649.6	652.3	650.7	652.9	655.6	657.5	656.8	655.0	649.2	650.2	668.2
1978	648.6	645.9	646.9	647.6	647.9	648.3	648.3	647.5	649.0	651.9	646.9	651.4	651.4
1979	660.9	653.0	655.1	655.4	655.0	659.5	663.2	665.4	665.4	659.0	653.7	673.0	673.5
1980	661.1	655.6	656.1	656.7	656.2	659.3	661.7	667.3	665.1	657.1	660.7	663.1	672.5
1981	661.0	652.9	654.9	657.0	658.4	659.4	661.8	663.8	663.3	660.2	665.0	663.2	671.7
1982		661.5	661.7										

OTHER EXECUTIVE AGENCIES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	1,093.4	1,077.4	1,087.4	1,092.1	1,095.9	1,102.9	1,124.7	1,131.4	1,125.9	1,101.3	1,105.5	1,104.3	1,097.2
1978	1,124.1	1,107.6	1,115.0	1,119.5	1,133.4	1,143.3	1,174.4	1,185.7	1,170.9	1,134.6	1,141.8	1,137.1	1,127.8
1979	1,163.4	1,128.5	1,138.1	1,140.9	1,152.6	1,164.2	1,200.4	1,209.1	1,215.7	1,151.6	1,161.2	1,146.0	1,154.7
1980	1,157.4	1,144.1	1,157.4	1,171.4	1,162.5	1,163.8	1,167.6	1,214.3	1,245.7	1,156.5	1,167.8	1,167.6	1,161.4
1981	1,143.4	1,121.6	1,123.6	1,134.1	1,161.0	1,159.4	1,175.9	1,172.3	1,154.1	1,117.3	1,103.5	1,090.8	1,079.1
1982		1,077.6	1,079.4										

LEGISLATIVE

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	39.4	39.1	39.1	39.6	39.0	39.4	39.8	40.4	40.5	39.9	39.3	38.9	39.1	38.8
1978	39.5	39.1	39.0	39.6	39.5	39.5	40.0	41.4	41.4	41.0	39.3	38.9	38.7	38.7
1979	39.6	39.6	39.0	39.5	38.9	39.4	39.7	41.0	41.3	41.3	40.0	39.6	40.0	39.5
1980	39.9	39.5	39.5	39.7	39.6	40.2	41.3	41.5	41.1	39.6	39.1	38.7	38.9
1981	39.1	41.8	39.6	39.1	39.1	39.3	40.4	40.9	39.7	38.5	38.4	38.5	38.5
1982		39.2	38.9										

JUDICIAL

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	12.3	12.0	12.1	12.1	12.3	12.3	12.3	12.3	12.4	12.5	12.5	12.5	12.5	12.9
1978	12.6	12.6	12.6	12.6	12.7	12.8	12.9	12.9	13.0	13.0	13.0	13.0	13.0	13.3
1979	13.2	13.0	13.0	13.1	13.2	13.1	13.1	13.4	13.4	13.0	13.0	13.0	13.0	14.9
1980	14.6	14.1	14.1	14.2	14.2	14.3	14.6	14.8	15.0	15.0	14.9	14.9	15.2	15.3
1981	15.2	15.0	15.0	15.0	15.0	15.1	15.2	15.2	15.3	15.5	15.3	15.2	15.3	
1982		15.1	15.4										

STATE AND LOCAL GOVERNMENT*

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	12,295	12,250	12,426	12,445	12,472	12,525	12,448	11,788	11,696	11,256	12,704	12,673	12,670
1978	12,515	12,766	13,027	13,153	13,192	13,230	13,078	12,317	12,181	12,616	13,050	13,210	13,219
1979	13,174	13,748	13,271	13,362	13,385	13,404	13,278	12,551	12,461	12,936	13,359	13,526	13,510

See footnotes at end of tables.

STATE AND LOCAL GOVERNMENT* (Con.)

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1980	13,375	13,339	13,569	13,664	13,632	13,676	13,476	12,654	12,557	13,075	13,542	13,680	13,634
1981	13,253	13,422	13,661	13,695	13,660	13,606	13,343	12,501	12,294	12,794	13,263	13,408	13,379
1982		13,145	13,362										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	6,051	5,974	6,107	6,168	6,164	6,204	6,100	5,459	5,399	5,955	6,291	6,387	6,399
1978	6,350	6,324	6,475	6,544	6,592	6,622	6,475	5,714	5,581	6,166	6,488	6,601	6,615
1979	6,590	6,540	6,672	6,731	6,761	6,750	6,592	5,975	5,977	6,402	6,763	6,960	6,957
1980	6,851	6,874	7,017	7,072	7,073	7,059	6,870	6,139	6,082	6,727	7,034	7,144	7,120
1981	6,844	7,017	7,149	7,174	7,161	7,128	6,911	6,175	6,061	6,548	6,872	6,974	6,958
1982		6,843	6,959										

STATE GOVERNMENT

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3,376.9	3,337.0	3,419.8	3,427.2	3,434.4	3,415.0	3,331.7	3,211.3	3,196.5	3,330.5	3,461.2	3,490.2	3,468.5
1978	3,473.5	3,415.6	3,515.9	3,548.1	3,555.3	3,531.1	3,405.2	3,301.1	3,291.9	3,419.4	3,553.3	3,581.6	3,563.6
1979	3,547.2	3,473.5	3,562.9	3,606.8	3,598.6	3,564.2	3,441.9	3,368.4	3,374.8	3,512.1	3,639.2	3,680.6	3,646.4
1980	3,609.9	3,553.5	3,654.8	3,688.2	3,690.4	3,657.5	3,509.1	3,439.0	3,437.8	3,556.0	3,699.7	3,726.6	3,705.5
1981	3,623.3	3,609.9	3,719.5	3,730.9	3,716.6	3,675.3	3,521.4	3,436.0	3,421.4	3,546.8	3,699.7	3,712.5	3,689.6
1982		3,573.8	3,677.4										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	1,510.4	1,488.1	1,565.7	1,553.4	1,547.6	1,539.2	1,488.5	1,424.9	1,410.4	1,474.4	1,539.5	1,555.4	1,547.3
1978	1,536.7	1,510.4	1,603.8	1,574.9	1,564.8	1,571.9	1,503.5	1,442.5	1,428.5	1,498.3	1,568.0	1,592.2	1,591.1
1979	1,572.0	1,541.1	1,587.9	1,601.3	1,596.7	1,575.9	1,501.6	1,456.2	1,460.1	1,565.8	1,646.9	1,678.4	1,662.5
1980	1,632.1	1,618.3	1,670.4	1,681.8	1,680.8	1,653.3	1,572.7	1,516.8	1,521.5	1,601.3	1,676.7	1,696.7	1,690.1
1981	1,650.0	1,648.2	1,699.8	1,707.5	1,706.2	1,685.5	1,597.7	1,544.1	1,537.3	1,607.7	1,684.8	1,695.9	1,685.2
1982		1,634.3	1,681.9										

STATE HOSPITALS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	538.0	529.7	532.8	535.2	535.0	535.5	539.9	541.4	542.3	540.9	540.6	541.9	540.4
1978	540.9	542.3	541.7	541.2	541.0	540.8	541.0	543.5	538.3	538.4	538.8	540.0	542.3
1979	537.7	544.1	543.2	543.2	541.5	539.3	539.2	537.8	537.3	533.1	527.6	533.8	533.4
1980	529.6	533.1	531.0	531.2	529.1	529.4	531.1	532.8	530.3	526.5	527.2	527.7	526.4
1981	521.0	524.6	522.9	522.1	521.0	519.5	521.8	521.7	520.6	517.6	518.8	520.0	521.0
1982		519.9	520.1										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	319.2	319.8	322.3	320.7	317.0	316.8	320.6	319.3	316.3	316.6	319.1	322.5	318.8
1978	320.3	316.9	318.1	314.8	312.5	308.9	306.7	305.3	303.1	302.5	306.4	309.2	315.6
1979	316.1	316.0	316.2	316.9	320.7	317.8	316.7	312.7	313.0	320.4	329.2	323.0	324.5
1980	333.7	331.0	326.4	326.0	335.0	335.9	336.9	335.5	334.2	330.2	331.7	331.1	330.3
1981	327.6	328.3	327.7	329.7	327.0	325.7	327.0	327.8	328.4	326.9	329.4	329.4	329.4
1982		326.8	325.1										

GEN. ADMIN. INCL. EXECUTIVE, LEGISLATIVE, AND JUDICIAL FUNCTIONS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	878.9	842.3	855.0	855.4	860.5	867.5	882.9	877.3	901.6	887.2	903.2	906.3	907.0
1978	969.4	929.4	936.7	958.1	964.1	972.8	991.1	1,002.1	1,004.7	976.1	964.0	965.4	968.0

GEN. ADMIN. INCL. EXECUTIVE, LEGISLATIVE, AND JUDICIAL FUNCTIONS (Con.)

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1979	1,005.7	976.3	982.0	990.2	993.9	999.0	1,020.5	1,028.4	1,030.6	1,015.6	1,012.9	1,013.7	1,005.8
1980	1,039.9	1,013.3	1,017.3	1,028.2	1,030.7	1,037.5	1,052.8	1,066.3	1,063.4	1,047.3	1,041.1	1,038.8	1,041.7
1981	1,050.9	1,043.6	1,046.6	1,048.4	1,046.8	1,045.2	1,059.0	1,066.9	1,070.7	1,047.8	1,048.0	1,042.7	1,045.1
1982		1,046.1	1,047.4										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	395.3	376.9	388.3	394.1	394.9	396.2	393.4	390.9	397.1	396.1	407.1	403.8	404.6
1978	427.8	397.6	409.7	418.8	442.9	442.4	448.2	447.4	441.6	429.0	424.1	416.6	415.0
1979	424.6	416.0	419.7	425.9	424.8	424.0	424.2	425.9	427.9	427.8	425.3	427.9	426.0
1980	427.6	426.0	425.2	429.8	432.9	429.4	428.2	427.8	427.8	426.3	423.4	425.2	429.2
1981	439.5	432.0	435.6	439.4	439.6	440.8	442.3	445.4	445.7	437.7	439.6	438.0	438.4
1982		441.6	442.1										

STATE EDUCATION

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	1,385.2	1,406.5	1,475.0	1,479.9	1,479.0	1,446.0	1,320.8	1,191.6	1,155.0	1,315.7	1,441.0	1,466.8	1,445.0
1978	1,367.2	1,366.9	1,460.3	1,468.0	1,468.1	1,429.6	1,261.0	1,134.1	1,127.4	1,299.3	1,454.2	1,481.0	1,456.9
1979	1,378.3	1,352.9	1,459.7	1,472.1	1,461.6	1,419.6	1,249.2	1,161.8	1,161.6	1,335.3	1,475.7	1,509.1	1,481.5
1980	1,397.9	1,379.7	1,477.4	1,494.4	1,495.4	1,451.4	1,274.7	1,181.0	1,184.4	1,337.0	1,489.7	1,517.4	1,492.7
1981	1,404.2	1,396.3	1,503.2	1,511.8	1,502.7	1,464.0	1,278.6	1,183.7	1,166.7	1,336.5	1,497.7	1,517.3	1,492.1
1982		1,378.5	1,480.6										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	611.3	623.8	656.4	658.0	655.3	642.5	586.0	522.1	505.7	574.5	629.0	643.5	638.5
1978	605.5	608.0	649.2	653.5	651.7	630.4	550.9	486.2	480.3	571.3	643.6	673.8	667.6
1979	627.7	611.8	656.0	660.7	656.0	637.6	557.8	509.3	507.7	601.8	702.4	724.4	706.8
1980	658.9	654.2	701.3	707.0	706.4	678.6	595.0	537.6	543.2	631.3	709.2	726.7	716.2
1981	663.8	669.7	717.8	722.2	720.8	699.2	605.9	548.5	538.8	622.7	701.1	714.9	703.4
1982		651.0	699.7										

LOCAL GOVERNMENT

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	9,022.5	8,912.7	9,006.3	9,058.0	9,036.6	9,109.6	9,117.0	8,576.9	8,500.1	8,925.5	9,242.8	9,382.5	9,401.8
1978	9,445.5	9,349.7	9,501.2	9,604.7	9,636.6	9,698.5	9,673.2	9,015.7	8,889.4	9,196.2	9,496.6	9,627.9	9,655.8
1979	9,633.3	9,574.7	9,687.6	9,755.3	9,786.6	9,839.4	9,835.7	9,182.1	9,086.5	9,423.8	9,719.9	9,845.0	9,863.3
1980	9,765.0	9,785.5	9,914.0	9,976.0	9,941.9	10,018.0	9,966.5	9,214.8	9,119.3	9,519.0	9,842.7	9,953.8	9,928.6
1981	9,629.1	9,812.5	9,941.7	9,968.0	9,943.0	9,931.0	9,821.9	9,064.6	8,872.1	9,246.9	9,563.0	9,695.7	9,689.1
1982		9,571.6	9,684.4										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	4,540.2	4,476.2	4,561.6	4,614.2	4,615.7	4,664.4	4,610.7	4,034.8	3,989.0	4,480.4	4,751.8	4,831.5	4,851.5
1978	4,813.1	4,814.0	4,911.4	4,968.6	4,997.5	5,050.5	4,971.0	4,271.7	4,152.7	4,667.9	4,919.7	5,008.6	5,023.8
1979	5,017.8	4,998.9	5,083.8	5,129.4	5,163.9	5,173.8	5,090.4	4,518.9	4,516.5	4,846.3	5,115.9	5,281.6	5,294.2
1980	5,218.8	5,255.6	5,346.1	5,389.7	5,389.2	5,405.7	5,297.3	4,622.6	4,560.8	5,125.7	5,357.1	5,447.3	5,428.1
1981	5,194.0	5,368.3	5,448.7	5,466.8	5,454.8	5,442.7	5,313.5	4,630.2	4,523.9	4,939.9	5,187.6	5,278.5	5,272.6
1982		5,208.2	5,277.2										

TRANSPORTATION AND PUBLIC UTILITIES

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	550.4	547.5	547.2	546.2	547.3	547.6	551.1	552.5	557.0	553.3	551.2	556.7	546.8

TRANSPORTATION AND PUBLIC UTILITIES (Con.)

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1978	571.5	552.5	560.4	562.5	563.3	567.0	571.2	578.2	579.5	578.3	579.1	581.8	580.6
1979	594.2	584.5	585.6	588.0	585.0	591.6	596.3	599.7	600.2	599.3	597.7	600.9	601.5
1980	595.8	600.1	601.0	601.6	582.1	598.5	603.8	604.5	603.0	594.9	591.3	586.5	582.0
1981	576.5	577.4	573.3	570.9	572.6	574.2	579.5	583.1	581.2	581.0	571.2	576.7	576.8
1982		578.3	577.2										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	65.5	62.7	62.5	64.2	64.5	64.4	64.4	65.2	65.5	66.4	67.6	70.4	68.6
1978	76.3	70.4	71.4	71.5	72.7	74.0	76.1	77.6	78.0	78.8	80.2	81.7	83.0
1979	89.0	84.6	85.9	87.0	87.2	89.1	89.6	89.5	89.3	90.6	92.1	91.9	92.6
1980	94.3	92.7	93.4	94.0	95.2	95.3	96.6	96.9	95.2	93.2	93.8	92.5	92.2
1981	93.3	91.3	90.9	91.1	92.0	92.8	93.1	95.5	95.1	94.8	93.0	94.8	95.6
1982		96.5	96.3										

LOCAL GOVERNMENT HOSPITALS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	493.8	475.4	477.6	480.2	483.0	486.2	494.5	499.0	502.9	503.6	505.3	507.3	510.3
1978	534.7	513.3	517.2	521.5	524.1	528.2	537.5	541.3	543.7	543.8	545.9	549.3	550.6
1979	570.6	554.5	557.1	559.7	560.7	563.9	571.8	575.9	578.3	578.0	579.9	581.9	585.4
1980	603.9	587.3	592.4	596.4	597.4	599.7	606.0	609.7	611.6	610.8	610.7	611.7	613.5
1981	626.4	615.1	618.6	620.5	620.7	622.0	628.7	631.8	630.1	629.1	631.6	632.9	635.8
1982		637.4	638.5										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	379.1	364.3	365.9	368.0	370.1	373.0	380.0	383.0	386.0	388.0	389.9	390.2	391.0
1978	410.9	392.3	395.5	399.3	402.4	405.6	413.4	417.2	417.2	418.1	420.1	423.6	425.7
1979	449.7	429.5	432.1	435.3	435.9	439.5	447.3	452.2	457.5	459.6	462.7	471.3	473.6
1980	490.1	477.0	481.1	484.2	486.3	487.0	491.2	493.6	495.3	495.2	494.5	497.3	498.1
1981	509.4	500.4	503.4	504.4	504.2	505.3	510.8	512.8	511.4	512.1	514.5	515.8	517.8
1982		520.2	521.8										

GEN. ADMIN. INCL. EXECUTIVE, LEGISLATIVE, AND JUDICIAL FUNCTIONS

ALL EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	2,685.2	2,552.8	2,561.8	2,548.5	2,551.7	2,583.4	2,714.8	2,932.7	2,934.9	2,705.1	2,687.1	2,708.3	2,741.0
1978	2,896.7	2,746.1	2,778.4	2,810.1	2,829.0	2,859.2	2,994.8	3,117.8	3,105.6	2,904.7	2,860.0	2,876.1	2,878.6
1979	2,968.6	2,869.3	2,884.9	2,909.0	2,916.5	2,937.9	3,054.9	3,210.4	3,170.1	2,974.9	2,898.7	2,896.2	2,899.8
1980	2,963.8	2,884.4	2,895.9	2,908.7	2,911.5	2,935.1	3,041.8	3,189.8	3,156.9	2,950.2	2,902.3	2,905.3	2,883.9
1981	2,866.5	2,866.2	2,870.2	2,868.3	2,856.8	2,851.4	2,940.2	3,088.3	3,017.3	2,798.0	2,746.1	2,749.0	2,746.0
1982		2,732.4	2,743.3										

WOMEN EMPLOYEES—IN THOUSANDS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	849.9	788.8	803.9	805.1	805.5	814.6	851.7	938.8	937.7	840.5	851.5	874.8	885.9
1978	953.4	877.5	910.2	922.6	937.3	957.8	999.7	1,047.0	1,039.7	942.6	930.1	940.5	935.3
1979	978.3	931.1	937.9	946.9	950.8	954.8	998.6	1,066.5	1,059.8	984.7	963.8	972.0	973.2
1980	1,011.3	969.2	981.4	994.5	1,004.2	1,003.5	1,044.2	1,109.1	1,094.2	1,014.6	967.0	980.6	977.5
1981	979.3	969.1	974.4	980.7	979.0	974.9	1,006.1	1,066.1	1,036.4	951.9	933.7	942.9	938.6
1982		936.1	941.2										

See footnotes at end of tables.

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec

LOCAL EDUCATION

ALL EMPLOYEES—IN THOUSANDS

1977	4,974.2	5,047.4	5,129.2	5,187.7	5,164.4	5,198.5	5,049.5	4,245.6	4,145.1	4,817.8	5,167.5	5,269.4	5,268.0
1978	5,070.3	5,200.7	5,301.8	5,356.5	5,361.5	5,380.9	5,189.4	4,371.6	4,257.2	4,792.4	5,152.8	5,258.9	5,278.1
1979	5,107.3	5,199.7	5,289.4	5,324.8	5,347.5	5,359.3	5,189.4	4,345.0	4,304.0	4,868.8	5,265.1	5,388.6	5,405.5
1980	5,210.4	5,343.9	5,450.5	5,494.2	5,473.7	5,503.7	5,307.1	4,360.9	4,308.9	4,963.4	5,364.4	5,473.3	5,481.1
1981	5,207.6	5,290.2	5,517.1	5,543.1	5,527.5	5,519.7	5,297.5	4,352.3	4,250.8	4,920.2	5,311.6	5,435.0	5,428.2
1982		5,322.6	5,423.8										

WOMEN EMPLOYEES—IN THOUSANDS

1977	3,160.4	3,096.0	3,155.5	3,203.9	3,203.7	3,239.7	3,136.3	2,452.0	2,398.0	2,987.7	3,250.4	3,299.7	3,307.5
1978	3,171.7	3,244.2	3,341.9	3,378.3	3,385.2	3,410.4	3,276.6	2,514.1	2,402.3	3,024.0	3,291.6	3,368.3	3,383.3
1979	3,264.6	3,354.8	3,426.5	3,454.7	3,485.0	3,481.4	3,329.5	2,669.6	2,677.1	3,086.8	3,382.3	3,529.6	3,537.9
1980	3,389.9	3,497.0	3,565.7	3,591.6	3,578.7	3,593.4	3,428.4	2,663.6	2,621.1	3,281.3	3,572.7	3,644.7	3,640.0
1981	3,397.2	3,585.6	3,658.4	3,666.2	3,656.4	3,647.4	3,476.3	2,713.2	2,647.4	3,184.3	3,458.9	3,537.1	3,533.2
1982		3,467.7	3,529.6										

See footnotes at end of tables.

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Seasonally Adjusted Series

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SEASONALLY ADJUSTED

EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS, BY INDUSTRY DIVISION AND SELECTED GROUPS, SEASONALLY ADJUSTED, IN THOUSANDS

TOTAL

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1974	78,020	78,181	78,184	78,239	78,381	78,443	78,492	78,511	78,542	78,599	78,234	77,531
1975	77,153	76,743	76,429	76,333	76,470	76,400	76,640	77,034	77,216	77,479	77,582	77,878
1976	78,317	78,614	78,828	79,142	79,188	79,264	79,469	79,591	79,857	79,847	80,122	80,310
1977	80,527	80,783	81,228	81,615	81,984	82,392	82,743	82,954	83,460	83,659	84,012	84,260
1978	84,478	84,782	85,325	86,071	86,409	86,845	87,071	87,332	87,487	87,775	88,214	88,518
1979	88,724	88,927	89,367	89,329	89,694	90,010	90,099	90,169	90,232	90,344	90,432	90,556
1980	90,801	90,846	90,929	90,723	90,308	89,976	89,692	89,955	90,126	90,320	90,560	90,725
1981	90,909	90,913	91,014	91,099	91,131	91,286	91,396	91,322	91,363	91,224	90,996	90,642
1982	90,460	90,459										

TOTAL PRIVATE[1]

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1974	64,065	64,183	64,157	64,184	64,295	64,332	64,357	64,318	64,234	64,253	63,8[illegible]	63,116
1975	62,669	62,196	61,811	61,677	61,782	61,750	61,931	62,304	62,487	62,718	62,823	63,083
1976	63,484	63,771	63,972	64,292	64,349	64,432	64,624	64,716	64,987	64,946	65,183	65,363
1977	65,601	65,858	66,301	66,678	66,986	67,316	67,600	67,764	68,150	68,332	68,642	68,851
1978	69,013	69,259	69,735	70,410	70,703	71,115	71,335	71,588	71,776	72,067	72,481	72,752
1979	72,948	73,137	73,561	73,477	73,811	74,062	74,091	74,070	74,179	74,315	74,375	74,465
1980	74,497	74,704	74,705	74,286	73,977	73,659	73,459	73,729	73,920	74,089	74,336	74,500
1981	74,711	74,714	74,863	74,971	75,053	75,266	75,432	75,428	75,459	75,307	75,088	74,725
1982	74,596	74,609										

GOODS-PRODUCING[2]

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1974	25,200	25,219	25,139	25,094	25,054	25,003	24,911	24,834	24,726	24,587	24,216	23,659
1975	23,296	22,777	22,478	22,308	22,352	22,291	22,251	22,445	22,616	22,727	22,762	22,887
1976	23,057	23,159	23,230	23,354	23,315	23,320	23,365	23,358	23,512	23,417	23,557	23,575
1977	23,631	23,777	23,990	24,178	24,306	24,438	24,522	24,508	24,622	24,662	24,741	24,745
1978	24,793	24,853	25,056	25,453	25,513	25,663	25,739	25,785	25,834	25,961	26,106	26,214
1979	26,266	26,264	26,497	26,453	26,539	26,618	26,637	26,486	26,496	26,455	26,365	26,414
1980	26,489	26,377	26,285	25,951	25,628	25,329	25,055	25,203	25,271	25,355	25,484	25,537
1981	25,588	25,501	25,588	25,534	25,540	25,656	25,718	25,637	25,583	25,393	25,176	24,908
1982	24,664	24,631										

MINING

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1974	671	677	677	688	694	695	702	707	713	722	725	692
1975	736	739	741	739	750	750	753	758	757	764	764	770
1976	773	770	772	772	772	777	789	759	790	791	793	797
1977	801	805	816	824	826	840	818	803	837	840	847	696
1978	893	898	710	875	881	891	900	902	904	912	921	923
1979	927	936	941	941	945	951	961	970	973	980	981	987
1980	993	1,001	1,005	1,011	1,021	1,030	1,007	1,007	1,022	1,033	1,065	1,083
1981	1,102	1,113	1,124	978	985	1,137	1,164	1,180	1,192	1,195	1,202	1,206
1982	1,201	1,203										

See footnotes at end of tables.

EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS, BY INDUSTRY DIVISION AND SELECTED GROUPS, SEASONALLY ADJUSTED, IN THOUSANDS

CONSTRUCTION

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1974	4,170	4,257	4,220	4,146	4,118	4,051	3,959	3,969	3,926	3,887	3,828	3,783
1975	3,791	3,643	3,521	3,455	3,464	3,448	3,438	3,483	3,508	3,516	3,526	3,551
1976	3,581	3,589	3,571	3,583	3,561	3,552	3,561	3,569	3,570	3,577	3,604	3,594
1977	3,554	3,653	3,739	3,808	3,841	3,875	3,905	3,911	3,935	3,944	3,967	3,993
1978	3,960	3,955	4,067	4,216	4,210	4,279	4,307	4,310	4,312	4,336	4,347	4,351
1979	4,330	4,303	4,453	4,416	4,468	4,493	4,513	4,510	4,500	4,496	4,498	4,526
1980	4,607	4,535	4,439	4,358	4,331	4,285	4,252	4,264	4,285	4,293	4,291	4,295
1981	4,315	4,240	4,267	4,281	4,2[illegible]	4,185	4,175	4,146	4,124	4,101	4,071	4,026
1982	3,966	3,974										

MANUFACTURING

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1974	20,359	20,285	20,242	20,260	20,242	20,257	20,250	20,158	20,087	19,978	19,663	19,184
1975	18,769	18,395	18,216	18,134	18,138	18,093	19,060	18,204	18,351	18,447	18,472	18,566
1976	18,703	18,800	18,887	18,999	18,982	18,991	19,015	19,030	19,152	19,049	19,160	19,184
1977	19,276	19,319	19,435	19,546	19,639	19,723	19,799	19,794	19,850	19,878	19,927	20,056
1978	20,140	20,200	20,279	20,362	20,422	20,493	20,532	20,573	20,618	20,713	20,838	20,940
1979	21,009	21,045	21,103	21,096	21,126	21,174	21,163	21,006	21,023	20,979	20,886	20,901
1980	20,889	20,841	20,841	20,582	20,276	20,014	19,796	19,932	19,964	20,029	20,128	20,159
1981	20,171	20,148	20,197	20,275	20,332	20,334	20,379	20,311	20,267	20,097	19,903	19,676
1982	19,517	19,454										

SIC 24,25,32-39—DURABLE GOODS

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1974	12,069	12,015	11,985	12,034	12,018	12,047	12,068	11,981	11,940	11,902	11,692	11,371
1975	11,100	10,855	10,739	10,645	10,609	10,555	10,484	10,553	10,638	10,661	10,662	10,722
1976	10,815	10,880	10,953	11,034	11,075	11,098	11,111	11,140	11,200	11,117	11,218	11,240
1977	11,302	11,314	11,406	11,472	11,547	11,609	11,684	11,682	11,730	11,759	11,790	11,894
1978	11,964	12,011	12,061	12,131	12,188	12,242	12,300	12,338	12,391	12,482	12,563	12,638
1979	12,697	12,749	12,796	12,798	12,824	12,867	12,866	12,731	12,782	12,721	12,640	12,661
1980	12,634	12,648	12,652	12,417	12,159	11,961	11,812	11,888	11,926	11,986	12,078	12,106
1981	12,120	12,097	12,143	12,201	12,237	12,246	12,266	12,228	12,184	12,059	11,901	11,724
1982	11,622	11,575										

SIC 24—LUMBER AND WOOD PRODUCTS

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1974	748	750	752	751	745	734	728	714	698	668	[illegible]	625
1975	603	593	592	594	607	613	614	622	627	634	635	638
1976	655	664	663	668	672	676	685	686	692	694	699	700
1977	699	703	708	714	716	718	719	725	731	738	743	747
1978	749	748	751	756	753	758	755	755	[illegible]	754	761	768
1979	769	769	773	770	773	774	770	767	765	768	757	748
1980	742	745	738	694	660	656	658	669	676	680	687	690
1981	688	685	683	690	694	685	683	671	661	643	628	615
1982	607	611										

EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS, BY INDUSTRY DIVISION AND SELECTED GROUPS, SEASONALLY ADJUSTED, IN THOUSANDS

Year		Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
SIC 25—FURNITURE AND FIXTURES													
1974		507	502	501	502	502	500	495	496	487	478	458	445
1975		425	409	402	402	406	406	411	421	426	428	432	434
1976		437	441	443	448	448	447	445	443	448	444	444	445
1977		448	450	453	457	459	464	468	469	471	475	478	483
1978		487	489	493	493	495	495	494	496	495	497	499	501
1979		504	503	501	499	497	497	499	499	495	495	494	493
1980		492	488	489	483	466	456	443	445	455	455	457	458
1981		460	460	462	468	473	474	476	475	473	469	462	457
1982		452	449										
SIC 32—STONE, CLAY, AND GLASS PRODUCTS													
1974		729	727	724	717	716	711	714	710	702	693	683	670
1975		653	642	627	624	624	620	618	624	630	630	629	629
1976		635	634	637	642	643	645	647	649	651	650	651	650
1977		650	642	659	666	668	674	675	674	676	675	680	684
1978		689	689	691	695	699	700	701	699	699	703	705	709
1979		707	710	716	710	714	714	711	711	706	706	700	695
1980		700	700	694	676	661	647	640	643	647	647	650	648
1981		648	646	644	645	646	644	644	643	638	629	620	610
1982		596	596										
SIC 33—PRIMARY METAL INDUSTRIES													
1974		1,294	1,292	1,284	1,287	1,287	1,291	1,294	1,296	1,297	1,300	1,269	1,257
1975		1,237	1,204	1,180	1,155	1,132	1,114	1,099	1,104	1,119	1,106	1,107	1,115
1976		1,115	1,118	1,126	1,143	1,152	1,167	1,182	1,191	1,189	1,165	1,156	1,155
1977		1,157	1,155	1,174	1,180	1,184	1,200	1,194	1,185	1,188	1,167	1,180	1,182
1978		1,191	1,193	1,191	1,197	1,206	1,211	1,219	1,220	1,225	1,233	1,243	1,250
1979		1,253	1,257	1,262	1,266	1,264	1,272	1,276	1,258	1,249	1,239	1,232	1,220
1980		1,220	1,202	1,219	1,204	1,159	1,112	1,066	1,071	1,083	1,100	1,119	1,131
1981		1,133	1,136	1,139	1,141	1,137	1,137	1,133	1,134	1,125	1,104	1,080	1,063
1982		1,038	1,024										
SIC 34—FABRICATED METAL PRODUCTS													
1974		1,665	1,661	1,654	1,656	1,649	1,650	1,657	1,644	1,632	1,627	1,605	1,559
1975		1,503	1,466	1,461	1,456	1,450	1,441	1,415	1,446	1,460	1,461	1,458	1,462
1976		1,474	1,487	1,498	1,507	1,511	1,513	1,519	1,521	1,537	1,514	1,505	1,529
1977		1,540	1,539	1,553	1,557	1,571	1,581	1,592	1,601	1,604	1,612	1,619	1,627
1978		1,635	1,647	1,651	1,667	1,670	1,668	1,673	1,679	1,687	1,693	1,701	1,712
1979		1,720	1,721	1,723	1,724	1,727	1,733	1,726	1,714	1,712	1,709	1,704	1,699
1980		1,686	1,688	1,689	1,656	1,609	1,576	1,546	1,564	1,575	1,581	1,589	1,594
1981		1,594	1,592	1,601	1,609	1,613	1,611	1,617	1,610	1,604	1,577	1,553	1,529
1982		1,515	1,505										
SIC 35—MACHINERY, EXCEPT ELECTRICAL													
1974		2,177	2,181	2,195	2,198	2,201	2,205	2,211	2,205	2,227	2,240	2,226	2,195
1975		2,161	2,139	2,110	2,089	2,059	2,034	2,009	2,010	2,021	2,026	2,014	2,010
1976		2,026	2,027	2,036	2,046	2,056	2,066	2,070	2,079	2,084	2,075	2,080	2,109
1977		2,116	2,125	2,132	2,138	2,158	2,161	2,184	2,199	2,207	2,213	2,221	2,241
1978		2,247	2,264	2,270	2,288	2,296	2,318	2,331	2,342	2,360	2,364	2,399	2,420
1979		2,439	2,451	2,468	2,482	2,491	2,505	2,521	2,527	2,525	2,491	2,464	2,470

EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS, BY INDUSTRY DIVISION AND SELECTED GROUPS, SEASONALLY ADJUSTED, IN THOUSANDS

Year		Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
SIC 35—MACHINERY, EXCEPT ELECTRICAL													
1980		2,541	2,534	2,539	2,523	2,525	2,486	2,458	2,446	2,453	2,464	2,475	2,48
1981		2,483	2,477	2,484	2,496	2,506	2,516	2,527	2,532	2,539	2,532	2,511	2,48
1982		2,459	2,446										
SIC 36—ELECTRIC AND ELECTRONIC EQUIPMENT													
1974		2,025	2,015	2,005	2,004	2,000	2,001	2,008	1,949	1,957	1,945	1,886	1,82
1975		1,764	1,724	1,710	1,686	1,677	1,669	1,664	1,682	1,692	1,705	1,708	1,72
1976		1,731	1,744	1,761	1,772	1,778	1,775	1,775	1,781	1,788	1,790	1,797	1,80
1977		1,816	1,827	1,837	1,852	1,866	1,876	1,885	1,897	1,903	1,914	1,927	1,93
1978		1,949	1,961	1,973	1,982	1,988	2,001	2,013	2,023	2,029	2,041	2,056	2,06
1979		2,075	2,089	2,103	2,105	2,114	2,132	2,135	2,106	2,133	2,137	2,136	2,12
1980		2,144	2,140	2,149	2,136	2,098	2,063	2,046	2,053	2,053	2,060	2,077	2,07
1981		2,079	2,076	2,084	2,094	2,101	2,104	2,112	2,116	2,113	2,101	2,077	2,04
1982		2,055	2,048										
SIC 37—TRANSPORTATION EQUIPMENT													
1974		1,890	1,840	1,820	1,865	1,863	1,881	1,905	1,892	1,892	1,910	1,882	1,78
1975		1,747	1,689	1,703	1,693	1,713	1,716	1,707	1,697	1,708	1,709	1,713	1,74
1976		1,771	1,785	1,800	1,812	1,807	1,801	1,782	1,780	1,773	1,766	1,825	1,87
1977		1,839	1,875	1,845	1,839	1,862	1,881	1,907	1,877	1,892	1,884	1,876	1,91
1978		1,940	1,946	1,952	1,965	1,980	1,986	2,007	2,013	2,029	2,055	2,073	2,09
1979		2,103	2,118	2,120	2,112	2,114	2,103	2,089	2,016	2,057	2,043	2,007	1,96
1980		1,954	1,985	1,987	1,901	1,847	1,646	1,831	1,871	1,866	1,883	1,928	1,93
1981		1,906	1,894	1,917	1,932	1,930	1,938	1,925	1,901	1,884	1,861	1,830	1,79
1982		1,777	1,778										
SIC 38—INSTRUMENTS AND RELATED PRODUCTS													
1974		592	588	590	594	595	598	598	600	598	595	587	56
1975		573	564	554	549	543	541	542	541	544	549	551	55
1976		555	558	563	569	574	576	577	575	581	586	592	59
1977		599	605	608	610	614	614	617	619	621	623	625	63
1978		632	635	639	643	648	652	657	661	662	666	670	67
1979		677	681	683	686	687	692	693	696	698	700	700	70
1980		705	709	713	711	711	707	710	710	711	717	727	72
1981		721	720	723	724	726	726	731	734	734	732	727	73
1982		720	718										
SIC 39—MISCELLANEOUS MANUFACTURING INDUSTRIES													
1974		461	459	460	460	460	459	456	455	452	448	439	42
1975		413	406	400	398	398	399	405	406	411	413	415	41
1976		422	422	426	427	431	432	430	431	435	433	431	43
1977		436	436	437	439	439	437	438	437	437	439	440	44
1978		445	446	450	451	453	451	450	451	454	456	456	45
1979		450	446	447	448	443	445	445	447	448	443	442	44
1980		440	436	435	433	422	413	410	408	407	408	404	40
1981		408	408	407	409	411	411	419	422	423	422	421	42
1982		403	400										

See footnotes at end of tables.

EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS, BY INDUSTRY DIVISION AND SELECTED GROUPS, SEASONALLY ADJUSTED, IN THOUSANDS

SIC 20-23,26-31—NONDURABLE GOODS

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1974	8,290	8,270	8,257	8,226	8,224	8,210	8,182	8,177	8,147	8,076	7,971	7,813
1975	7,669	7,540	7,477	7,489	7,529	7,528	7,576	7,651	7,713	7,786	7,810	7,844
1976	7,888	7,920	7,934	7,965	7,907	7,953	7,964	7,990	7,952	7,922	7,942	7,944
1977	7,974	8,005	8,029	8,074	8,092	8,114	8,115	8,112	8,120	8,119	8,137	8,162
1978	8,176	8,195	8,218	8,231	8,234	8,251	8,232	8,235	8,227	8,231	8,275	8,302
1979	8,312	8,294	8,307	8,298	8,302	8,307	8,297	8,275	8,241	8,258	8,246	8,240
1980	8,255	8,193	8,189	8,165	8,117	8,053	7,984	8,044	8,038	8,043	8,050	8,053
1981	8,063	8,051	8,054	8,074	8,095	8,088	8,113	8,083	8,083	8,038	8,002	7,952
1982	7,899	7,879										

SIC 20—FOOD AND KINDRED PRODUCTS

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1974	1,729	1,723	1,732	1,719	1,717	1,703	1,690	1,702	1,706	1,699	1,688	1,677
1975	1,655	1,642	1,642	1,644	1,648	1,649	1,651	1,665	1,669	1,675	1,675	1,674
1976	1,680	1,686	1,671	1,683	1,692	1,689	1,698	1,699	1,696	1,692	1,694	1,690
1977	1,697	1,703	1,702	1,715	1,713	1,721	1,718	1,717	1,720	1,703	1,711	1,716
1978	1,723	1,724	1,732	1,732	1,723	1,726	1,721	1,715	1,715	1,713	1,732	1,741
1979	1,741	1,733	1,738	1,734	1,735	1,736	1,729	1,729	1,729	1,730	1,731	1,730
1980	1,728	1,721	1,716	1,705	1,704	1,700	1,703	1,721	1,710	1,702	1,697	1,694
1981	1,691	1,691	1,683	1,687	1,689	1,673	1,678	1,659	1,658	1,662	1,664	1,661
1982	1,651	1,663										

SIC 21—TOBACCO MANUFACTURES

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1974	*	78	*	79	77	77	77	77	78	78	75	74
1975	76	75	74	73	73	73	75	76	77	77	79	77
1976	76	76	73	75	76	76	80	79	77	77	78	77
1977	76	76	71	72	70	71	70	69	69	69	68	70
1978	70	71	71	70	70	71	70	69	70	71	71	72
1979	71	70	71	72	72	71	70	70	71	71	65	68
1980	68	69	68	69	70	70	69	67	68	69	70	70
1981	70	71	71	71	70	71	70	70	69	69	69	68
1982	69	68										

SIC 22—TEXTILE MILL PRODUCTS

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1974	1,006	998	994	985	985	982	975	970	960	934	912	878
1975	841	825	820	836	853	857	864	880	894	910	913	918
1976	925	929	928	931	928	923	919	916	914	908	905	905
1977	905	907	912	916	915	915	915	909	907	905	909	907
1978	908	907	905	901	900	897	897	895	896	896	895	895
1979	897	895	893	889	887	888	884	881	875	878	878	876
1980	877	875	876	872	857	833	819	835	831	834	833	831
1981	830	827	825	828	828	830	835	829	827	814	804	794
1982	780	777										

SIC 23—APPAREL AND OTHER TEXTILE PRODUCTS

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1974	1,414	1,407	1,391	1,386	1,388	1,376	1,370	1,361	1,353	1,337	1,311	1,258
1975	1,225	1,201	1,168	1,200	1,213	1,221	1,238	1,253	1,270	1,293	1,302	1,317
1976	1,329	1,331	1,341	1,341	1,333	1,330	1,323	1,311	1,301	1,294	1,296	1,294
1977	1,302	1,305	1,310	1,310	1,314	1,319	1,314	1,317	1,320	1,323	1,329	1,332
1978	1,330	1,329	1,334	1,338	1,337	1,335	1,321	1,332	1,332	1,332	1,334	1,337
1979	1,340	1,327	1,324	1,320	1,315	1,306	1,307	1,291	1,280	1,287	1,279	1,278

See footnotes at end of tables.

EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS, BY INDUSTRY DIVISION AND SELECTED GROUPS, SEASONALLY ADJUSTED, IN THOUSANDS

SIC 23—APPAREL AND OTHER TEXTILE PRODUCTS

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1980	1,286	1,289	1,291	1,277	1,267	1,262	1,246	1,256	1,250	1,247	1,246	1,245
1981	1,242	1,238	1,242	1,244	1,250	1,251	1,255	1,253	1,253	1,243	1,235	1,222
1982	1,201	1,201										

SIC 26—PAPER AND ALLIED PRODUCTS

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1974	715	714	716	714	712	713	712	708	707	696	689	676
1975	664	648	637	629	627	627	632	638	643	650	652	658
1976	663	669	671	673	677	679	678	678	679	679	681	681
1977	683	685	687	691	694	695	694	695	695	694	692	697
1978	696	697	700	701	704	706	706	695	696	696	697	699
1979	699	703	706	706	706	709	711	711	709	709	708	707
1980	709	707	706	700	693	687	680	683	685	687	689	689
1981	689	689	688	689	690	690	691	691	695	685	681	677
1982	674	670										

SIC 27—PRINTING AND PUBLISHING

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1974	1,112	1,115	1,111	1,111	1,113	1,117	1,116	1,114	1,111	1,111	1,104	1,101
1975	1,101	1,093	1,087	1,083	1,079	1,076	1,073	1,078	1,081	1,081	1,084	1,086
1976	1,084	1,083	1,090	1,093	1,097	1,096	1,101	1,103	1,111	1,110	1,111	1,113
1977	1,117	1,121	1,125	1,131	1,136	1,140	1,144	1,149	1,153	1,157	1,160	1,165
1978	1,169	1,173	1,179	1,184	1,190	1,196	1,197	1,201	1,203	1,200	1,210	1,215
1979	1,220	1,223	1,226	1,227	1,230	1,235	1,241	1,240	1,239	1,244	1,249	1,248
1980	1,256	1,257	1,257	1,255	1,252	1,251	1,248	1,247	1,249	1,249	1,252	1,253
1981	1,253	1,255	1,257	1,260	1,262	1,263	1,268	1,271	1,274	1,276	1,276	1,276
1982	1,275	1,276										

SIC 28—CHEMICALS AND ALLIED PRODUCTS

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1974	1,055	1,055	1,058	1,055	1,059	1,063	1,066	1,069	1,070	1,068	1,060	1,047
1975	1,035	1,025	1,013	1,006	1,008	1,004	1,003	1,009	1,012	1,021	1,021	1,023
1976	1,029	1,035	1,040	1,040	1,039	1,036	1,044	1,049	1,047	1,049	1,051	1,054
1977	1,057	1,063	1,068	1,072	1,074	1,075	1,078	1,079	1,079	1,080	1,080	1,082
1978	1,085	1,088	1,089	1,091	1,095	1,096	1,098	1,100	1,099	1,100	1,103	1,106
1979	1,105	1,104	1,104	1,106	1,108	1,114	1,112	1,111	1,109	1,113	1,114	1,114
1980	1,116	1,114	1,116	1,118	1,113	1,106	1,099	1,098	1,100	1,102	1,103	1,105
1981	1,107	1,108	1,108	1,108	1,109	1,111	1,110	1,107	1,110	1,107	1,103	1,100
1982	1,095	1,093										

SIC 29—PETROLEUM AND COAL PRODUCTS

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1974	196	196	197	197	198	198	198	197	196	197	198	197
1975	190	188	191	190	193	194	196	196	197	198	199	196
1976	200	200	200	200	199	198	197	198	198	198	198	199
1977	199	196	199	202	203	203	204	204	204	205	205	206
1978	206	207	208	208	207	208	208	208	208	208	208	209
1979	208	209	209	209	209	209	209	210	211	211	211	212
1980	214	160	156	175	203	206	209	209	210	210	211	212
1981	215	214	215	216	217	217	217	216	216	215	215	214
1982	210	208										

EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS, BY INDUSTRY DIVISION AND SELECTED GROUPS, SEASONALLY ADJUSTED, IN THOUSANDS

Year		Jan.	Feb.	Mar	Apr	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 30—RUBBER AND MISC. PLASTICS PRODUCTS													
1974		702	706	701	699	700	707	705	706	699	691	672	650
1975		634	602	589	592	594	593	594	606	617	623	624	629
1976		636	643	652	656	599	600	596	597	671	672	674	678
1977		683	690	699	709	716	721	726	721	722	723	726	731
1978		734	736	743	748	751	758	759	761	760	764	769	775
1979		776	782	785	786	791	789	788	788	776	774	770	765
1980		764	762	765	757	725	706	689	697	704	713	718	723
1981		723	726	732	738	745	747	750	752	746	734	725	716
1982		712	708										
SIC 31—LEATHER AND LEATHER PRODUCTS													
1974		280	278	276	277	275	274	273	273	267	262	262	255
1975		247	241	236	236	241	244	250	250	253	258	261	263
1976		266	269	268	270	268	266	268	260	258	253	253	253
1977		255	255	256	256	257	254	252	252	251	256	257	256
1978		255	257	257	256	257	258	255	258	258	257	256	255
1979		253	251	251	249	249	250	237	244	242	241	241	240
1980		239	239	239	237	233	232	222	231	231	230	231	231
1981		231	233	233	233	231	235	239	235	235	233	230	224
1982		222	215										
SERVICE PRODUCING													
1974		52,620	52,962	53,045	53,145	53,327	53,440	53,581	53,677	53,816	54,012	54,018	53,872
1975		53,857	53,966	53,951	54,005	54,118	54,109	54,389	54,589	54,600	54,752	54,820	54,991
1976		55,260	55,455	55,568	55,788	55,873	55,944	56,104	56,233	56,345	56,430	56,565	56,735
1977		56,896	57,006	57,238	57,437	57,678	57,954	58,221	58,486	58,838	58,967	59,271	59,515
1978		59,685	59,929	60,269	60,618	60,866	61,182	61,332	61,547	61,653	61,814	62,108	62,304
1979		62,458	62,643	62,870	62,876	63,155	63,392	63,462	63,683	63,736	63,889	64,067	64,142
1980		64,312	64,469	64,644	64,772	64,680	64,647	64,637	64,752	64,855	64,965	65,076	65,188
1981		65,301	65,412	65,426	65,565	65,591	65,630	65,678	65,685	65,780	65,831	65,820	65,734
1982		65,776	65,828										
PRIVATE SERVICE PRODUCING													
1974		38,865	38,964	39,018	39,090	39,241	39,329	39,446	39,484	39,508	39,666	39,630	39,457
1975		39,173	39,256	39,233	39,349	39,430	39,455	39,680	39,859	39,871	39,991	40,061	40,196
1976		40,427	40,611	40,742	40,938	41,034	41,112	41,259	41,358	41,475	41,529	41,626	41,788
1977		41,970	42,081	42,311	42,500	42,680	42,878	43,078	43,256	43,528	43,670	43,901	44,106
1978		44,219	44,406	44,679	44,957	45,190	45,452	45,596	45,803	45,942	46,106	46,375	46,538
1979		46,682	46,853	47,064	47,024	47,272	47,444	47,454	47,584	47,683	47,860	48,010	48,051
1980		48,208	48,327	48,420	48,335	48,349	48,330	48,404	48,526	48,649	48,734	48,852	48,963
1981		49,123	49,213	49,275	49,437	49,513	49,610	49,714	49,791	49,876	49,914	49,911	49,817
1982		49,912	49,978										
TRANSPORTATION AND PUBLIC UTILITIES													
1974		4,743	4,740	4,731	4,729	4,732	4,732	4,735	4,736	4,706	4,719	4,712	4,687
1975		4,642	4,595	4,562	4,547	4,539	4,521	4,518	4,522	4,519	4,518	4,525	4,500
1976		4,535	4,546	4,558	4,568	4,566	4,576	4,592	4,596	4,613	4,598	4,606	4,628
1977		4,642	4,653	4,657	4,677	4,700	4,713	4,723	4,730	4,764	4,750	4,764	4,781
1978		4,800	4,823	4,858	4,894	4,905	4,945	4,903	4,933	4,950	4,966	5,022	5,041
1979		5,067	5,079	5,098	5,008	5,112	5,176	5,164	5,179	5,177	5,183	5,197	5,196

EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS, BY INDUSTRY DIVISION AND SELECTED GROUPS, SEASONALLY ADJUSTED, IN THOUSANDS

Year		Jan.	Feb.	Mar	Apr	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
TRANSPORTATION AND PUBLIC UTILITIES													
1980		5,184	5,175	5,180	5,169	5,156	5,134	5,119	5,123	5,119	5,133	5,123	5,134
1981		5,139	5,145	5,153	5,163	5,158	5,162	5,168	5,168	5,161	5,162	5,150	5,128
1982		5,125	5,115										
WHOLESALE AND RETAIL TRADE													
1974		16,833	16,846	16,884	16,922	16,964	16,994	17,049	17,049	17,092	17,167	17,129	16,963
1975		16,926	16,920	16,909	16,915	16,925	16,994	17,067	17,149	17,170	17,221	17,249	17,333
1976		17,435	17,547	17,583	17,689	17,735	17,733	17,788	17,850	17,898	17,904	17,918	17,979
1977		18,069	18,112	18,233	18,311	18,395	18,480	18,551	18,630	18,725	18,764	18,887	18,964
1978		19,068	19,119	19,222	19,326	19,442	19,549	19,621	19,680	19,741	19,802	19,924	19,921
1979		20,052	20,089	20,156	20,140	20,167	20,173	20,147	20,164	20,218	20,302	20,373	20,333
1980		20,368	20,411	20,411	20,294	20,269	20,225	20,233	20,270	20,297	20,296	20,327	20,335
1981		20,380	20,402	20,438	20,509	20,543	20,590	20,620	20,650	20,660	20,654	20,623	20,524
1982		20,630	20,670										
SIC 50,51—WHOLESALE TRADE													
1974		4,384	4,406	4,409	4,415	4,427	4,441	4,446	4,453	4,448	4,460	4,461	4,442
1975		4,424	4,406	4,388	4,386	4,388	4,385	4,402	4,411	4,434	4,441	4,454	4,465
1976		4,481	4,501	4,514	4,534	4,545	4,547	4,554	4,554	4,574	4,577	4,584	4,594
1977		4,608	4,619	4,635	4,656	4,676	4,696	4,719	4,738	4,760	4,771	4,792	4,815
1978		4,821	4,857	4,883	4,911	4,940	4,964	4,977	5,005	5,024	5,053	5,077	5,104
1979		5,129	5,144	5,164	5,164	5,190	5,211	5,224	5,229	5,233	5,248	5,262	5,247
1980		5,273	5,292	5,296	5,274	5,264	5,244	5,248	5,256	5,274	5,282	5,292	5,305
1981		5,316	5,327	5,335	5,349	5,361	5,366	5,375	5,387	5,383	5,380	5,375	5,357
1982		5,346	5,340										
SIC 52-59—RETAIL TRADE													
1974		12,449	12,440	12,475	12,507	12,537	12,553	12,603	12,596	12,644	12,707	12,668	12,522
1975		12,504	12,514	12,521	12,519	12,537	12,609	12,665	12,738	12,736	12,780	12,795	12,867
1976		12,954	13,046	13,069	13,155	13,190	13,186	13,234	13,296	13,324	13,327	13,335	13,385
1977		13,461	13,493	13,598	13,653	13,719	13,784	13,832	13,892	13,965	14,013	14,095	14,179
1978		14,237	14,262	14,339	14,415	14,502	14,585	14,644	14,675	14,717	14,769	14,847	14,866
1979		14,923	14,945	14,992	14,976	14,977	14,962	14,923	14,936	14,985	15,054	15,111	15,086
1980		15,095	15,119	15,135	15,000	15,005	14,981	14,985	15,014	15,023	15,014	15,035	15,029
1981		15,062	15,095	15,103	15,159	15,182	15,224	15,245	15,263	15,277	15,274	15,249	15,167
1982		15,264	15,327										
FINANCE, INSURANCE, AND REAL ESTATE													
1974		4,114	4,131	4,132	4,134	4,150	4,153	4,158	4,162	4,160	4,164	4,159	4,161
1975		4,150	4,145	4,142	4,146	4,151	4,149	4,157	4,170	4,181	4,190	4,192	4,209
1976		4,210	4,219	4,229	4,243	4,250	4,261	4,269	4,276	4,301	4,316	4,330	4,347
1977		4,364	4,376	4,403	4,424	4,437	4,453	4,468	4,488	4,515	4,536	4,564	4,583
1978		4,600	4,630	4,650	4,670	4,689	4,717	4,741	4,758	4,776	4,792	4,826	4,845
1979		4,869	4,888	4,905	4,926	4,952	4,972	4,990	5,020	5,019	5,037	5,055	5,067
1980		5,092	5,104	5,120	5,126	5,138	5,151	5,164	5,177	5,190	5,207	5,221	5,215
1981		5,252	5,264	5,270	5,286	5,295	5,302	5,311	5,319	5,328	5,335	5,324	5,303
1982		5,326	5,326										

See footnotes at end of tables.

EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS, BY INDUSTRY DIVISION AND SELECTED GROUPS, SEASONALLY ADJUSTED, IN THOUSANDS

SERVICES

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1974	13,175	13,247	13,271	13,305	13,395	13,450	13,504	13,537	13,550	13,616	13,630	13,686
1975	13,651	13,699	13,720	13,741	13,815	13,795	13,938	14,018	14,001	14,062	14,095	14,155
1976	14,247	14,297	14,372	14,438	14,483	14,542	14,610	14,636	14,663	14,711	14,771	14,834
1977	14,895	14,940	15,019	15,088	15,148	15,232	15,336	15,408	15,528	15,600	15,686	15,788
1978	15,751	15,834	15,949	16,067	16,154	16,241	16,331	16,432	16,475	16,496	16,603	16,682
1979	16,704	16,797	16,905	16,950	17,041	17,123	17,153	17,221	17,269	17,338	17,385	17,455
1980	17,564	17,633	17,709	17,746	17,784	17,820	17,888	17,956	18,043	18,099	18,181	18,259
1981	18,351	18,392	18,414	18,480	18,517	18,556	18,615	18,654	18,707	18,773	18,815	18,834
1982	18,831	18,867										

GOVERNMENT

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1974	13,955	13,999	14,027	14,055	14,086	14,111	14,135	14,193	14,308	14,386	14,388	14,415
1975	14,484	14,507	14,618	14,656	14,688	14,650	14,709	14,730	14,729	14,761	14,759	14,795
1976	14,833	14,843	14,856	14,850	14,939	14,832	14,845	14,875	14,870	14,901	14,939	14,947
1977	14,926	14,929	14,927	14,937	14,998	15,076	15,143	15,190	15,310	15,327	15,370	15,409
1978	15,466	15,523	15,590	15,661	15,706	15,730	15,736	15,744	15,711	15,708	15,733	15,766
1979	15,776	15,790	15,806	15,952	15,883	15,948	16,008	16,096	16,053	16,029	16,057	16,091
1980	16,104	16,142	16,224	16,437	16,331	16,317	16,233	16,226	16,206	16,231	16,224	16,225
1981	16,198	16,196	16,151	16,128	16,078	16,020	15,964	15,894	15,904	15,917	15,908	15,917
1982	15,864	15,850										

SIC 91—FEDERAL GOVERNMENT

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1974	2,682	2,695	2,705	2,711	2,719	2,723	2,729	2,732	2,739	2,737	2,738	2,739
1975	2,735	2,736	2,737	2,737	2,739	2,738	2,750	2,750	2,756	2,757	2,754	2,753
1976	2,750	2,744	2,739	2,736	2,733	2,723	2,723	2,724	2,727	2,725	2,731	2,728
1977	2,723	2,724	2,729	2,723	2,724	2,724	2,720	2,726	2,731	2,725	2,731	2,746
1978	2,738	2,739	2,739	2,746	2,751	2,757	2,759	2,760	2,763	2,763	2,763	2,758
1979	2,757	2,756	2,753	2,755	2,767	2,776	2,781	2,810	2,774	2,774	2,778	2,797
1980	2,799	2,819	2,861	3,105	2,956	2,946	2,891	2,827	2,781	2,794	2,796	2,810
1981	2,758	2,789	2,780	2,774	2,776	2,777	2,775	2,769	2,764	2,757	2,749	2,756
1982	2,741	2,737										

SIC 92,93—STATE AND LOCAL GOVERNMENT

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1974	11,272	11,299	11,322	11,344	11,367	11,388	11,406	11,461	11,569	11,609	11,650	11,677
1975	11,749	11,771	11,881	11,919	11,949	11,912	11,959	11,980	11,973	12,004	12,005	12,042
1976	12,083	12,099	12,117	12,114	12,106	12,109	12,122	12,151	12,143	12,175	12,207	12,219
1977	12,203	12,201	12,198	12,214	12,274	12,352	12,423	12,464	12,579	12,598	12,639	12,663
1978	12,728	12,784	12,851	12,915	12,955	12,973	12,977	12,984	12,948	12,945	12,970	13,008
1979	13,019	13,034	13,053	13,097	13,116	13,172	13,227	13,299	13,279	13,255	13,279	13,294
1980	13,305	13,323	13,343	13,331	13,375	13,371	13,342	13,399	13,425	13,437	13,429	13,415
1981	13,400	13,410	13,371	13,354	13,302	13,243	13,189	13,125	13,140	13,160	13,159	13,161
1982	13,123	13,111										

WOMEN EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS, BY INDUSTRY DIVISION AND SELECTED GROUPS, SEASONALLY ADJUSTED, IN THOUSANDS

TOTAL

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1974	30,029	29,998	29,950	29,851	29,950	29,962	30,041	30,245	30,334	30,512	30,573	30,678
1975	30,892	31,021	31,142	31,468	31,500	31,595	31,761	31,819	31,757	31,816	31,967	32,149
1976	32,296	32,471	32,664	32,796	32,979	33,194	33,348	33,480	33,718	33,855	34,026	34,227
1977	34,361	34,516	34,732	34,976	35,180	35,384	35,456	35,576	35,745	35,888	36,103	36,272
1978	36,412	36,499	36,668	36,773	36,904	37,049	37,211	37,418	37,331	37,507	37,673	37,753
1979	37,902	38,042	38,133	38,177	38,064	38,001	38,005	38,163	38,327	38,369	38,496	38,587
1980	38,733	38,780	38,813	38,909	38,971	39,039	39,181	39,199	39,187	39,198	39,139	39,088
1981	39,086	39,147										
1982												

TOTAL PRIVATE

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1974	23,598	23,642	23,717	23,780	23,895	23,930	23,986	23,999	24,044	24,071	23,938	23,696
1975	23,550	23,471	23,417	23,402	23,498	23,542	23,682	23,812	23,924	24,050	24,112	24,233
1976	24,421	24,570	24,674	24,836	24,901	24,974	25,098	25,154	25,227	25,231	25,322	25,432
1977	25,571	25,715	25,876	25,992	26,139	26,288	26,428	26,515	26,711	26,818	26,981	27,150
1978	27,275	27,392	27,575	27,763	27,930	28,094	28,230	28,393	28,497	28,638	28,839	28,981
1979	29,111	29,186	29,337	29,415	29,540	29,652	29,712	29,788	29,847	29,980	30,065	30,124
1980	30,256	30,367	30,416	30,371	30,311	30,243	30,269	30,399	30,488	30,563	30,689	30,784
1981	30,933	30,979	31,029	31,142	31,212	31,299	31,442	31,479	31,531	31,561	31,513	31,463
1982	31,470	31,537										

GOODS-PRODUCING

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1974	6,277	6,253	6,239	6,230	6,247	6,239	6,227	6,187	6,165	6,101	5,968	5,798
1975	5,641	5,519	5,447	5,446	5,460	5,469	5,495	5,566	5,628	5,685	5,715	5,757
1976	5,818	5,860	5,900	5,937	5,957	5,963	5,976	5,986	5,998	5,984	6,001	6,017
1977	6,056	6,110	6,145	6,189	6,219	6,250	6,275	6,288	6,320	6,346	6,387	6,429
1978	6,469	6,497	6,538	6,576	6,608	6,642	6,649	6,685	6,714	6,750	6,795	6,827
1979	6,856	6,859	6,888	6,891	6,917	6,939	6,952	6,920	6,919	6,942	6,930	6,939
1980	6,956	6,957	6,965	6,906	6,788	6,693	6,643	6,696	6,700	6,718	6,752	6,770
1981	6,786	6,790	6,811	6,842	6,871	6,890	6,938	6,927	6,909	6,871	6,814	6,759
1982	6,712	6,692										

MINING

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1974	45	45	46	46	48	49	50	50	50	52	52	
1975	52	53	53	54	54	55	55	56	56	57	58	
1976	59	60	59	58	59	60	60	61	61	61	62	
1977	62	63	63	63	64	65	66	67	67	67	68	67
1978	69	70	70	74	75	76	77	78	80	80	81	83
1979	84	84	87	88	90	90	92	93	93	94	95	96
1980	97	99	101	102	104	104	104	106	108	109	112	115
1981	118	121	123	118	121	129	131	133	135	137	138	141
1982	140	141										

CONSTRUCTION

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1974	256	258	262	263	264	265	264	263	263	263	260	260
1975	257	255	254	252	253	251	253	254	256	262	263	265
1976	267	272	273	276	278	281	283	287	287	287	289	290
1977	290	292	293	295	298	304	306	308	310	313	315	319
1978	323	325	329	330	331	332	333	334	333	336	335	336
1979	339	341	344	347	351	356	359	361	363	364	367	368
1980	370	371	374	371	369	366	366	370	371	374	377	380
1981												
1982												

WOMEN EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS, BY INDUSTRY DIVISION AND SELECTED GROUPS, SEASONALLY ADJUSTED, IN THOUSANDS

TOTAL

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1974	29,700	29,777	29,663	29,943	30,080	30,130	30,277	30,320	30,457	30,480	30,373	30,147

WOMEN EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS, BY INDUSTRY DIVISION AND SELECTED GROUPS, SEASONALLY ADJUSTED, IN THOUSANDS

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
CONSTRUCTION												
1981	374	375	377	380	380	381	383	383	382	381	381	381
1982	384	382										
MANUFACTURING												
1974	5,976	5,950	5,931	5,921	5,935	5,925	5,914	5,874	5,852	5,788	5,656	5,486
1975	5,332	5,212	5,140	5,140	5,153	5,163	5,186	5,256	5,314	5,367	5,395	5,435
1976	5,490	5,528	5,568	5,603	5,620	5,622	5,633	5,639	5,650	5,636	5,651	5,665
1977	5,706	5,755	5,789	5,831	5,857	5,881	5,903	5,913	5,940	5,966	6,003	6,043
1978	6,077	6,102	6,139	6,170	6,201	6,234	6,239	6,274	6,301	6,334	6,376	6,408
1979	6,434	6,434	6,457	6,456	6,476	6,493	6,501	6,466	6,463	6,484	6,468	6,475
1980	6,491	6,487	6,490	6,432	6,315	6,223	6,173	6,220	6,221	6,235	6,263	6,275
1981	6,294	6,294	6,311	6,344	6,370	6,381	6,424	6,411	6,392	6,353	6,295	6,237
1982	6,188	6,169										
SIC 24,25,32-39—DURABLE GOODS												
1974	2,667	2,655	2,652	2,655	2,661	2,667	2,671	2,637	2,636	2,608	2,539	2,448
1975	2,374	2,304	2,264	2,241	2,230	2,259	2,255	2,291	2,281	2,296	2,306	2,325
1976	2,351	2,375	2,404	2,425	2,448	2,454	2,456	2,476	2,492	2,493	2,506	2,517
1977	2,540	2,563	2,585	2,610	2,632	2,645	2,667	2,678	2,694	2,713	2,733	2,764
1978	2,787	2,805	2,825	2,844	2,868	2,892	2,908	2,928	2,951	2,976	3,002	3,020
1979	3,036	3,057	3,073	3,078	3,093	3,109	3,121	3,096	3,111	3,116	3,107	3,117
1980	3,120	3,118	3,124	3,085	3,001	2,941	2,922	2,934	2,943	2,960	2,983	2,990
1981	3,003	3,005	3,016	3,037	3,055	3,066	3,087	3,087	3,074	3,050	3,008	2,972
1982	2,957	2,942										
SIC 24—LUMBER AND WOOD PRODUCTS												
1974	93	93	94	93	93	92	92	89	87	83	78	77
1975	74	73	73	74	74	75	75	76	77	78	78	78
1976	82	82	83	83	84	85	88	88	88	88	90	90
1977	91	92	93	94	96	96	97	97	99	101	102	103
1978	104	104	105	106	106	106	108	108	109	109	111	112
1979	113	113	115	115	115	116	115	115	116	117	114	113
1980	111	113	112	105	99	97	96	99	101	101	102	102
1981	103	103	103	104	105	104	104	103	100	98	95	94
1982	93	92										
SIC 25—FURNITURE AND FIXTURES												
1974	138	137	138	138	139	139	138	138	137	133	126	122
1975	116	112	106	109	110	111	112	115	117	118	120	120
1976	121	122	122	123	124	122	123	122	124	123	123	123
1977	125	125	127	128	129	131	131	132	133	135	136	138
1978	139	141	142	142	143	144	144	144	146	146	148	148
1979	149	149	148	146	146	146	147	148	146	146	146	146
1980	145	144	144	144	139	134	131	133	134	134	136	137
1981	137	139	139	141	142	143	145	144	142	142	139	137
1982	136	135										

WOMEN EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS, BY INDUSTRY DIVISION AND SELECTED GROUPS, SEASONALLY ADJUSTED, IN THOUSANDS

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
SIC 32—STONE, CLAY, AND GLASS PRODUCTS												
1974	125	125	125	124	124	124	125	124	124	121	119	116
1975	114	111	109	108	107	107	106	109	111	111	111	111
1976	113	114	115	115	117	117	118	118	118	119	119	118
1977	120	119	122	123	124	124	125	125	125	126	126	126
1978	128	128	129	131	131	131	131	132	132	132	131	131
1979	132	133	135	134	135	135	134	133	134	133	133	134
1980	134	133	133	131	126	123	121	122	123	123	124	124
1981	125	125	125	125	126	127	127	126	126	126	123	122
1982	120	120										
SIC 33—PRIMARY METAL INDUSTRIES												
1974	107	105	103	105	105	106	106	107	106	106	106	101
1975	99	96	94	93	93	92	91	92	92	93	93	94
1976	96	97	98	100	101	102	103	105	105	104	104	104
1977	104	105	106	109	110	112	111	111	111	112	113	114
1978	115	116	116	117	118	119	122	124	124	126	126	130
1979	131	133	133	134	135	137	137	136	134	135	134	133
1980	133	133	133	131	124	120	116	116	120	122	124	128
1981	126	125	126	126	127	127	126	126	125	122	119	116
1982	113	112										
SIC 34—FABRICATED METAL PRODUCTS												
1974	316	314	314	313	315	315	317	314	311	308	299	289
1975	276	271	265	264	262	263	264	268	269	271	273	277
1976	279	282	285	289	291	291	294	294	296	296	298	300
1977	303	305	308	310	313	315	317	321	322	324	326	329
1978	331	335	336	339	342	343	342	344	345	348	350	351
1979	354	356	357	358	360	362	362	360	357	356	358	357
1980	357	355	356	347	331	322	319	324	326	329	332	333
1981	333	334	336	339	341	342	344	342	340	333	326	320
1982	317	315										
SIC 35—MACHINERY, EXCEPT ELECTRICAL												
1974	360	362	365	368	372	375	377	378	380	379	375	369
1975	361	356	350	345	337	333	328	330	333	334	333	333
1976	335	338	342	342	347	351	352	355	359	357	359	362
1977	366	370	372	375	379	380	385	390	391	395	400	405
1978	409	409	414	420	4[1]	431	434	437	442	447	450	455
1979	458	462	466	469	473	474	480	482	486	485	486	487
1980	498	498	499	499	496	491	4[2]	488	489	493	495	496
1981	497	496	498	501	506	512	514	519	520	520	517	511
1982	507	505										
SIC 36—ELECTRIC AND ELECTRONIC EQUIPMENT												
1974	648	646	640	638	634	831	831	798	801	787	758	725
1975	703	672	661	648	641	639	640	649	656	662	666	675
1976	683	691	703	711	716	717	716	722	727	727	728	730
1977	738	747	752	761	768	771	779	783	787	793	801	809
1978	812	818	821	825	830	835	841	848	852	856	865	869
1979	875	881	886	889	896	905	912	900	912	915	914	921

See footnotes at end of tables

WOMEN EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS, BY INDUSTRY DIVISION AND SELECTED GROUPS, SEASONALLY ADJUSTED, IN THOUSANDS

SIC 36—ELECTRIC AND ELECTRONIC EQUIPMENT

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1974	920	919	924	918	895	877	868	869	869	872	878	882
1975	881	885	889	895	898	899	904	905	905	898	884	874
1976	880	879										
1977												
1978												
1979												
1980												
1981												
1982												

SIC 37—TRANSPORTATION EQUIPMENT

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1974	205	202	199	222	225	229	232	234	237	239	237	223
1975	218	214	211	209	213	212	213	214	212	213	212	217
1976	221	224	229	232	233	234	236	239	236	237	240	243
1977	246	249	250	255	254	259	262	262	267	266	265	272
1978	278	278	280	282	288	291	295	297	304	310	315	320
1979	321	319	319	328	330	328	327	314	319	318	314	317
1980	312	314	312	301	290	284	287	290	290	295	299	297
1981	299	301	303	307	309	312	314	314	312	308	304	298
1982	295	295										

SIC 38—INSTRUMENTS AND RELATED PRODUCTS

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1974	201	203	205	205	205	206	206	207	207	203	208	204
1975	220	218	217	215	213	214	216	218	220	222	224	224
1976	226	227	230	234	237	236	237	237	239	241	242	244
1977	245	249	250	251	255	254	256	255	257	258	258	262
1978	264	266	268	270	273	276	277	280	282	283	286	286
1979	284	290	291	293	293	295	296	297	297	299	299	300
1980	301	303	306	306	304	300	303	301	302	303	305	306
1981	307	307	307	308	309	308	311	313	312	311	310	309
1982	307	306										

SIC 39—MISCELLANEOUS MANUFACTURING INDUSTRIES

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1974	212	210	210	210	210	211	209	208	205	205	201	190
1975	183	182	180	179	180	181	186	186	188	190	191	194
1976	195	197	197	197	200	199	199	199	201	200	198	200
1977	202	205	203	204	204	203	203	202	201	203	205	207
1978	207	210	212	212	213	214	214	214	216	217	217	214
1979	213	212	211	212	210	211	211	211	210	210	209	209
1980	205	206	205	204	198	193	192	190	189	188	188	189
1981	191	191	190	191	192	192	198	193	192	192	191	191
1982	189	186										

SIC 20-23,25-31—NONDURABLE GOODS

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1974	3,305	3,295	3,279	3,266	3,274	3,258	3,243	3,237	3,216	3,180	3,117	3,038
1975	2,958	2,909	2,876	2,898	2,923	2,934	2,961	3,005	3,033	3,071	3,099	3,110
1976	3,141	3,153	3,164	3,178	3,172	3,168	3,177	3,163	3,158	3,143	3,145	3,146
1977	3,166	3,180	3,204	3,221	3,225	3,236	3,236	3,235	3,249	3,253	3,270	3,279
1978	3,250	3,257	3,314	3,328	3,334	3,342	3,331	3,346	3,350	3,358	3,377	3,388
1979	3,356	3,377	3,384	3,378	3,383	3,384	3,380	3,370	3,352	3,368	3,361	3,358
1980	3,371	3,369	3,366	3,347	3,314	3,282	3,251	3,286	3,278	3,275	3,280	3,285
1981	3,281	3,289	3,295	3,307	3,315	3,315	3,337	3,324	3,318	3,303	3,287	3,265
1982	3,231	3,227										

See footnotes at end of tables.

WOMEN EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS, BY INDUSTRY DIVISION AND SELECTED GROUPS, SEASONALLY ADJUSTED, IN THOUSANDS

SIC 20—FOOD AND KINDRED PRODUCTS

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1974	475	472	477	469	469	461	457	462	464	463	457	453
1975	441	436	438	441	444	445	446	456	456	459	456	454
1976	461	464	461	464	468	468	473	472	470	466	464	463
1977	467	472	476	482	477	481	480	479	483	479	484	487
1978	490	491	494	494	491	495	496	493	495	496	506	509
1979	512	507	510	508	511	515	510	512	509	514	513	513
1980	514	513	510	506	506	503	505	517	511	507	505	505
1981	507	505	502	506	506	500	503	497	492	499	501	500
1982	496	499										

SIC 21—TOBACCO MANUFACTURES

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1974	32	32	32	32	31	31	31	31	31	31	29	29
1975	30	29	29	28	28	28	29	31	30	30	31	30
1976	30	29	27	28	29	29	31	30	29	28	29	28
1977	27	28	26	27	26	26	26	25	25	25	25	26
1978	26	26	26	26	26	26	25	25	26	26	26	27
1979	26	25	26	26	26	25	25	25	26	26	23	24
1980	24	25	24	25	25	25	25	24	25	25	25	25
1981	25	26	26	26	26	26	26	26	25	25	25	25
1982	25	24										

SIC 22—TEXTILE MILL PRODUCTS

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1974	469	466	462	460	458	458	453	450	445	435	421	405
1975	385	378	375	382	391	392	395	404	409	417	418	422
1976	425	427	427	429	428	425	425	422	421	419	419	420
1977	421	423	425	427	426	426	426	424	424	425	426	424
1978	426	425	425	424	424	423	423	423	424	424	423	423
1979	423	421	421	419	419	419	418	417	415	415	416	416
1980	415	415	416	413	406	394	389	395	393	394	253	393
1981	393	392	391	393	393	394	398	394	394	388	383	378
1982	370	368										

SIC 23—APPAREL AND OTHER TEXTILE PRODUCTS

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1974	1,146	1,139	1,126	1,121	1,123	1,114	1,110	1,103	1,095	1,081	1,060	1,018
1975	993	971	958	970	980	986	1,001	1,012	1,026	1,046	1,056	1,067
1976	1,079	1,079	1,088	1,087	1,081	1,078	1,073	1,062	1,052	1,048	1,048	1,046
1977	1,052	1,059	1,061	1,061	1,064	1,067	1,063	1,065	1,069	1,070	1,075	1,077
1978	1,076	1,077	1,080	1,085	1,085	1,085	1,072	1,082	1,083	1,083	1,084	1,085
1979	1,068	1,075	1,073	1,069	1,065	1,058	1,059	1,048	1,038	1,044	1,038	1,035
1980	1,043	1,044	1,046	1,035	1,027	1,022	1,010	1,015	1,009	1,006	1,004	1,004
1981	1,003	999	1,003	1,004	1,007	1,010	1,014	1,012	1,012	1,004	992	988
1982	971	971										

SIC 26—PAPER AND ALLIED PRODUCTS

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1974	149	149	149	149	149	148	148	147	147	145	142	140
1975	137	134	131	129	129	128	130	131	133	134	136	137
1976	139	141	142	143	144	145	145	145	146	145	146	147
1977	146	148	149	150	151	152	152	153	153	153	154	155
1978	155	156	156	158	160	159	159	158	158	158	159	160
1979	160	160	161	161	161	162	163	163	162	163	162	161

N EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS, BY TRY DIVISION AND SELECTED GROUPS, SEASONALLY STED, IN THOUSANDS

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 26—PAPER AND ALLIED PRODUCTS												
	162	162	162	162	160	157	156	157	157	158	159	159
	159	160	160	161	161	160	162	162	163	160	158	158
	157	157										
SIC 27—PRINTING AND PUBLISHING												
	391	393	390	390	395	395	395	395	394	393	391	392
	392	391	388	388	386	385	386	386	388	390	391	393
	393	394	397	400	401	402	403	407	409	408	408	409
	411	413	415	418	421	424	428	429	432	434	435	435
	439	441	446	449	452	453	454	457	456	460	464	466
	470	471	472	474	474	477	482	483	486	488	491	493
	496	497	497	497	497	497	496	495	497	496	499	500
	500	500	502	504	505	505	508	510	512	513	513	515
	516	518										
SIC 28—CHEMICALS AND ALLIED PRODUCTS												
	226	226	226	228	230	231	231	231	230	229	226	223
	217	217	215	216	216	217	217	218	219	220	222	223
	224	225	227	228	226	226	228	231	232	233	235	237
	239	242	243	245	244	245	246	247	248	248	248	249
	250	251	253	255	257	258	260	261	261	263	264	265
	266	266	267	268	270	272	272	272	272	273	275	276
	276	278	277	278	277	277	275	276	277	278	280	281
	283	285	285	284	284	285	285	284	285	285	285	285
	284	284										
SIC 29—PETROLEUM AND COAL PRODUCTS												
	18	18	18	18	19	19	19	19	19	19	19	20
	20	19	20	20	20	20	20	20	20	20	20	20
	20	20	20	20	21	21	21	21	21	21	21	22
	22	23	23	23	23	24	24	24	24	24	24	24
	24	24	25	25	25	25	25	25	25	25	25	25
	25	25	26	26	26	26	26	26	27	27	27	28
	28	24	24	24	27	28	28	28	28	28	29	29
	30	30	31	31	31	31	31	31	32	32	32	32
	32	33										
SIC 30—RUBBER AND MISC. PLASTICS PRODUCTS												
	232	230	228	230	231	233	232	233	228	226	214	205
	195	185	181	183	184	186	187	195	199	199	201	204
	208	210	213	216	213	213	214	216	222	222	222	224
	227	230	232	234	238	238	240	238	240	242	244	248
	250	251	254	256	258	261	262	265	265	267	271	273
	274	275	276	276	278	278	282	277	270	271	270	267
	266	266	266	263	248	239	234	240	243	246	249	251
	253	253	256	259	262	264	267	267	263	258	254	250
	247	245										

notes at end of tables.

WOMEN EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS, BY INDUSTRY DIVISION AND SELECTED GROUPS, SEASONALLY ADJUSTED, IN THOUSANDS

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 31—LEATHER AND LEATHER PRODUCTS												
1974	171	170	171	170	169	168	167	166	163	158	158	153
1975	149	145	142	142	145	147	150	152	153	156	158	160
1976	162	163	162	163	162	161	164	157	156	153	153	153
1977	154	154	154	154	155	153	151	151	151	154	155	154
1978	154	155	155	156	156	157	155	157	157	156	155	155
1979	154	152	152	151	153	152	143	147	147	147	146	145
1980	145	145	144	144	141	140	133	139	138	137	137	138
1981	138	139	139	139	140	140	143	141	140	139	138	134
1982	133	128										
SERVICE-PRODUCING[1]												
1974	23,423	23,524	23,624	23,713	23,833	23,892	24,050	24,133	24,292	24,379	24,405	24,349
1975	24,388	24,479	24,503	24,405	24,490	24,493	24,546	24,679	24,706	24,827	24,858	24,921
1976	25,074	25,161	25,242	25,531	25,543	25,632	25,785	25,833	25,759	25,832	25,966	26,132
1977	26,238	26,361	26,519	26,607	26,759	26,944	27,073	27,204	27,398	27,509	27,639	27,798
1978	27,892	28,021	28,194	28,400	28,572	28,742	28,807	28,890	29,031	29,138	29,308	29,445
1979	29,556	29,640	29,780	29,882	29,987	30,110	30,259	30,498	30,412	30,565	30,743	30,814
1980	30,944	31,085	31,168	31,271	31,276	31,308	31,362	31,467	31,627	31,651	31,744	31,817
1981	31,947	31,990	32,002	32,066	32,100	32,149	32,243	32,272	32,278	32,327	32,325	32,339
1982	32,377	32,455										
PRIVATE SERVICE-PRODUCING[2]												
1974	17,321	17,389	17,478	17,550	17,648	17,692	17,759	17,812	17,879	17,970	17,970	17,898
1975	17,911	17,952	17,970	17,956	18,038	18,073	18,187	18,246	18,296	18,365	18,397	18,476
1976	18,603	18,710	18,774	18,899	18,944	19,011	19,122	19,168	19,229	19,247	19,321	19,415
1977	19,513	19,605	19,731	19,803	19,919	20,038	20,133	20,227	20,391	20,472	20,594	20,721
1978	20,806	20,895	21,037	21,187	21,322	21,452	21,581	21,705	21,783	21,888	22,043	22,154
1979	22,255	22,327	22,449	22,524	22,623	22,713	22,760	22,868	22,928	23,046	23,135	23,185
1980	23,298	23,410	23,451	23,465	23,523	23,551	23,626	23,703	23,788	23,845	23,937	24,014
1981	24,147	24,189	24,218	24,300	24,341	24,409	24,504	24,552	24,622	24,690	24,699	24,704
1982	24,758	24,845										
TRANSPORTATION AND PUBLIC UTILITIES												
1974	1,015	1,017	1,015	1,011	1,016	1,018	1,023	1,022	1,018	1,021	1,020	1,020
1975	1,010	1,005	999	999	996	993	992	992	994	993	995	989
1976	1,001	1,002	1,005	1,003	1,009	1,008	1,011	1,012	1,014	1,010	1,021	1,025
1977	1,027	1,025	1,032	1,038	1,045	1,049	1,055	1,058	1,062	1,066	1,071	1,081
1978	1,086	1,095	1,102	1,114	1,118	1,131	1,134	1,145	1,152	1,165	1,170	1,182
1979	1,201	1,209	1,214	1,205	1,221	1,241	1,243	1,250	1,257	1,258	1,268	1,269
1980	1,273	1,279	1,283	1,285	1,292	1,288	1,290	1,292	1,294	1,311	1,308	1,312
1981	1,315	1,319	1,324	1,330	1,333	1,339	1,342	1,348	1,355	1,355	1,351	1,358
1982	1,338	1,339										
WHOLESALE AND RETAIL TRADE												
1974	6,879	6,904	6,927	6,947	6,967	6,983	7,017	7,011	7,039	7,072	7,048	6,961
1975	6,991	6,978	6,981	6,944	6,986	7,020	7,052	7,091	7,106	7,133	7,145	7,178
1976	7,230	7,305	7,317	7,374	7,380	7,383	7,424	7,447	7,471	7,472	7,480	7,514
1977	7,549	7,575	7,634	7,664	7,713	7,748	7,781	7,822	7,858	7,886	7,932	7,993
1978	8,030	8,047	8,100	8,162	8,220	8,271	8,320	8,357	8,387	8,442	8,493	8,513
1979	8,567	8,581	8,627	8,667	8,685	8,684	8,692	8,709	8,723	8,782	8,820	8,821

WOMEN EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS, BY INDUSTRY DIVISION AND SELECTED GROUPS, SEASONALLY ADJUSTED, IN THOUSANDS

WHOLESALE AND RETAIL TRADE

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1980	8.828	8.862	8.867	8.830	8.838	8.845	8.834	8.871	8.855	8.851	8.869	8.878
1981	8.920	8.923	8.912	8.941	8.951	8.984	9.071	9.[illegible]	9.057	9.066	9.049	9.022
1982	9.064	9.129										

SIC 50,51—WHOLESALE TRADE

1974	1.025	1.032	1.035	1.037	1.041	1.045	1.049	1.051	1.045	1.050	1.053	1.051
1975	1.043	1.040	1.038	1.037	1.037	1.037	1.046	1.046	1.051	1.058	1.058	1.065
1976	1.072	1.080	1.082	1.088	1.091	1.091	1.095	1.097	1.100	1.100	1.103	1.108
1977	1.114	1.116	1.122	1.130	1.134	1.144	1.150	1.157	1.161	1.163	1.171	1.179
1978	1.180	1.193	1.203	1.218	1.223	1.233	1.236	1.244	1.250	1.270	1.279	1.289
1979	1.297	1.298	1.306	1.307	1.314	1.320	1.326	1.327	1.329	1.329	1.339	1.339
1980	1.348	1.355	1.358	1.356	1.361	1.358	1.363	1.362	1.366	1.371	1.368	1.381
1981	1.375	1.381	1.382	1.390	1.392	1.393	1.396	1.403	1.406	1.407	1.412	1.408
1982	1.415	1.418										

SIC 52-59—RETAIL TRADE

1974	5.853	5.872	5.892	5.910	5.926	5.938	5.968	5.960	5.994	6.022	5.995	5.910
1975	5.948	5.938	5.943	5.967	5.949	5.983	6.006	6.045	6.055	6.075	6.087	6.113
1976	6.158	6.225	6.235	6.286	6.289	6.292	6.329	6.350	6.371	6.372	6.377	6.406
1977	6.435	6.459	6.512	6.534	6.579	6.604	6.631	6.665	6.697	6.723	6.761	6.814
1978	6.847	6.854	6.897	6.944	6.997	7.038	7.084	7.113	7.137	7.172	7.214	7.224
1979	7.270	7.263	7.321	7.360	7.371	7.364	7.366	7.382	7.394	7.453	7.481	7.482
1980	7.490	7.507	7.509	7.474	7.477	7.487	7.471	7.489	7.489	7.480	7.501	7.497
1981	7.542	7.542	7.530	7.551	7.559	7.591	7.625	7.640	7.651	7.659	7.637	7.614
1982	7.679	7.721										

FINANCE, INSURANCE AND REAL ESTATE

1974	2.194	2.217	2.223	2.229	2.240	2.247	2.252	2.261	2.263	2.269	2.273	2.273
1975	2.270	2.272	2.271	2.275	2.277	2.274	2.283	2.289	2.300	2.307	2.306	2.302
1976	2.329	2.334	2.342	2.350	2.361	2.366	2.374	2.382	2.399	2.395	2.404	2.414
1977	2.427	2.439	2.456	2.471	2.482	2.501	2.514	2.530	2.553	2.570	2.590	2.603
1978	2.617	2.637	2.651	2.665	2.681	2.699	2.719	2.736	2.751	2.765	2.786	2.797
1979	2.809	2.818	2.830	2.835	2.853	2.878	2.890	2.914	2.919	2.937	2.950	2.957
1980	2.985	3.002	3.011	3.021	3.026	3.025	3.040	3.050	3.058	3.072	3.083	3.095
1981	3.118	3.125	3.130	3.143	3.154	3.159	3.169	3.172	3.182	3.183	3.186	3.189
1982	3.185	3.185										

SERVICES

1974	7.233	7.251	7.313	7.363	7.425	7.444	7.467	7.518	7.559	7.608	7.629	7.644
1975	7.640	7.697	7.719	7.736	7.779	7.786	7.860	7.874	7.896	7.932	7.951	7.987
1976	8.043	8.069	8.110	8.172	8.194	8.254	8.313	8.327	8.345	8.370	8.414	8.462
1977	8.510	8.566	8.605	8.630	8.679	8.740	8.783	8.817	8.918	8.950	9.001	9.044
1978	9.073	9.116	9.184	9.246	9.303	9.351	9.408	9.467	9.493	9.516	9.594	9.662
1979	9.678	9.719	9.778	9.817	9.864	9.910	9.935	9.995	10.029	10.069	10.097	10.138
1980	10.202	10.247	10.290	10.329	10.367	10.393	10.462	10.510	10.581	10.611	10.677	10.729
1981	10.794	10.822	10.852	10.866	10.903	10.927	10.972	10.989	11.028	11.086	11.113	11.135
1982	11.151	11.192										

See footnotes at end of tables

WOMEN EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS, BY INDUSTRY DIVISION AND SELECTED GROUPS, SEASONALLY ADJUSTED, IN THOUSANDS

GOVERNMENT

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1974	6.102	6.135	6.146	6.163	6.185	6.200	6.291	6.321	6.413	6.409	6.435	6.451
1975	6.477	6.527	6.533	6.449	6.452	6.420	6.359	6.433	6.410	6.462	6.461	6.445
1976	6.471	6.451	6.468	6.632	6.599	6.621	6.663	6.665	6.530	6.585	6.645	6.717
1977	6.725	6.756	6.788	6.804	6.840	6.906	6.940	6.977	7.007	7.037	7.045	7.077
1978	7.086	7.126	7.157	7.213	7.250	7.290	7.226	7.185	7.248	7.250	7.265	7.291
1979	7.301	7.313	7.331	7.358	7.364	7.397	7.499	7.630	7.484	7.519	7.608	7.629
1980	7.646	7.675	7.717	7.806	7.753	7.757	7.736	7.764	7.839	7.806	7.807	7.803
1981	7.800	7.801	7.764	7.766	7.759	7.740	7.739	7.720	7.656	7.637	7.626	7.635
1982	7.619	7.610										

SIC 91—FEDERAL GOVERNMENT

1974	764	790	792	778	791	797	804	806	809	808	808	806
1975	800	802	807	810	813	806	772	807	811	811	809	812
1976	809	804	800	801	785	801	800	804	810	809	819	853
1977	846	847	853	861	862	860	863	862	853	854	856	859
1978	857	858	860	863	868	872	873	871	873	869	868	865
1979	856	853	852	849	855	858	860	873	864	865	864	873
1980	871	883	910	998	940	937	916	895	880	886	888	891
1981	886	882	878	873	876	875	878	879	880	876	874	881
1982	877	875										

SIC 92,93—STATE AND LOCAL GOVERNMENT

1974	5.318	5.345	5.354	5.385	5.394	5.403	5.487	5.515	5.604	5.601	5.627	5.645
1975	5.677	5.725	5.726	5.639	5.639	5.614	5.587	5.626	5.599	5.651	5.652	5.633
1976	5.662	5.647	5.668	5.831	5.814	5.820	5.863	5.861	5.720	5.776	5.826	5.864
1977	5.879	5.909	5.935	5.943	5.978	6.046	6.077	6.115	6.154	6.183	6.189	6.218
1978	6.229	6.268	6.297	6.350	6.382	6.418	6.353	6.314	6.375	6.381	6.397	6.426
1979	6.445	6.460	6.479	6.509	6.509	6.539	6.639	6.757	6.620	6.654	6.744	6.756
1980	6.775	6.792	6.807	6.808	6.813	6.820	6.820	6.869	6.959	6.920	6.919	6.912
1981	6.914	6.919	6.906	6.893	6.883	6.865	6.861	6.841	6.776	6.761	6.752	6.754
1982	6.742	6.735										

PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, SEASONALLY ADJUSTED, IN THOUSANDS

TOTAL PRIVATE

1974	52.890	52.978	52.936	52.941	53.013	53.042	52.999	52.986	52.906	52.896	52.476	51.804
1975	51.398	50.861	50.568	50.426	50.525	50.532	50.735	51.051	51.217	51.422	51.499	51.728
1976	52.107	52.346	52.517	52.769	52.782	52.821	53.010	53.039	53.283	53.194	53.375	53.509
1977	53.679	53.925	54.321	54.655	54.926	55.189	55.406	55.520	55.837	55.968	56.253	56.404
1978	56.506	56.706	57.119	57.703	57.925	58.236	58.411	58.593	58.755	58.953	59.324	59.546
1979	59.677	59.835	60.194	60.053	60.345	60.540	60.538	60.482	60.558	60.668	60.705	60.776
1980	60.929	60.966	60.915	60.489	60.176	59.861	59.690	59.916	60.058	60.181	60.385	60.499
1981	60.690	60.650	60.764	60.852	60.890	61.046	61.193	61.168	61.180	61.017	60.775	60.401
1982	60.248	60.282										

SEASONALLY ADJUSTED

PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, SEASONALLY ADJUSTED, IN THOUSANDS

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
GOODS-PRODUCING												
1974	18,913	18,909	18,820	18,761	18,707	18,650	18,545	18,483	18,378	18,233	17,881	17,376
1975	17,051	16,551	16,290	16,147	16,180	16,146	16,124	16,298	16,451	16,552	16,575	16,696
1976	16,850	16,924	16,985	17,083	17,031	17,017	17,053	17,029	17,165	17,049	17,172	17,160
1977	17,171	17,313	17,512	17,674	17,778	17,877	17,928	17,893	17,974	17,995	18,080	18,054
1978	18,063	18,118	18,296	18,636	18,678	18,796	18,856	18,878	18,922	19,022	19,145	19,236
1979	19,262	19,269	19,447	19,385	19,453	19,498	19,503	19,337	19,337	19,289	19,191	19,231
1980	19,264	19,153	19,017	18,682	18,355	18,080	17,832	17,964	18,020	18,084	18,190	18,220
1981	18,270	18,190	18,260	18,209	18,201	18,267	18,313	18,224	18,164	17,972	17,754	17,478
1982	17,251	17,225										
MINING												
1974	511	515	516	524	528	530	533	539	543	550	551	522
1975	557	563	562	561	570	570	574	575	575	579	579	585
1976	595	582	587	587	585	589	601	572	602	603	606	607
1977	610	615	626	631	633	644	626	607	637	640	644	509
1978	501	504	518	663	668	675	681	682	683	690	696	698
1979	700	706	710	709	711	713	720	728	728	732	732	735
1980	740	744	747	754	763	767	748	745	757	764	786	800
1981	803	822	831	713	717	837	856	869	876	877	882	883
1982	875	876										
CONSTRUCTION												
1974	3,495	3,527	3,486	3,415	3,382	3,316	3,223	3,250	3,210	3,172	3,113	3,066
1975	3,087	2,931	2,817	2,745	2,755	2,746	2,730	2,769	2,783	2,765	2,787	2,809
1976	2,843	2,837	2,821	2,824	2,803	2,789	2,797	2,803	2,803	2,807	2,832	2,812
1977	2,746	2,850	2,931	2,997	3,026	3,051	3,069	3,071	3,084	3,090	3,113	3,130
1978	3,084	3,092	3,197	3,237	3,331	3,396	3,425	3,429	3,434	3,459	3,468	3,473
1979	3,450	3,438	3,576	3,526	3,624	3,682	3,711	3,697	3,697	3,683	3,680	3,610
1980	3,687	3,641	3,506	3,429	3,409	3,372	3,335	3,341	3,357	3,362	3,355	3,359
1981	3,388	3,321	3,345	3,351	3,294	3,253	3,245	3,219	3,201	3,180	3,156	3,107
1982	3,035	3,059										
MANUFACTURING												
1974	14,947	14,867	14,818	14,822	14,797	14,804	14,789	14,694	14,625	14,511	14,217	13,768
1975	13,407	13,059	12,911	12,841	12,855	12,830	12,820	12,954	13,093	13,188	13,209	13,302
1976	13,422	13,505	13,577	13,672	13,643	13,639	13,655	13,654	13,760	13,639	13,734	13,741
1977	13,815	13,848	13,955	14,046	14,121	14,182	14,233	14,215	14,253	14,265	14,323	14,415
1978	14,478	14,522	14,581	14,636	14,679	14,725	14,750	14,767	14,805	14,873	14,981	15,065
1979	15,112	15,125	15,161	15,150	15,168	15,193	15,172	15,094	15,019	14,973	14,879	14,896
1980	14,837	14,768	14,764	14,499	14,183	13,941	13,749	13,878	13,906	13,958	14,049	14,061
1981	14,069	14,047	14,084	14,145	14,190	14,177	14,212	14,136	14,087	13,915	13,717	13,488
1982	13,341	13,290										
SIC 24,25,32-39—DURABLE GOODS												
1974	8,823	8,764	8,735	8,775	8,749	8,773	8,784	8,698	8,665	8,619	8,426	8,144
1975	7,903	7,671	7,580	7,495	7,470	7,433	7,379	7,446	7,529	7,558	7,560	7,620
1976	7,700	7,761	7,822	7,892	7,925	7,941	7,950	7,971	8,015	7,918	8,008	8,019
1977	8,071	8,074	8,160	8,213	8,277	8,327	8,384	8,372	8,405	8,424	8,466	8,536
1978	8,590	8,622	8,655	8,701	8,742	8,776	8,823	8,829	8,885	8,952	9,022	9,079
1979	9,120	9,150	9,177	9,177	9,187	9,212	9,199	9,055	9,096	9,035	8,957	8,968

See footnotes at end of tables.

PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, SEASONALLY ADJUSTED, IN THOUSANDS

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 24,25,32-39—DURABLE GOODS												
1980	8,913	8,906	8,907	8,663	8,400	8,221	8,090	8,149	8,184	8,232	8,320	8,329
1981	8,344	8,320	8,357	8,402	8,428	8,427	8,439	8,389	8,345	8,218	8,061	7,885
1982	7,793	7,759										
SIC 24—LUMBER AND WOOD PRODUCTS												
1974	642	644	646	645	639	628	622	609	595	566	530	525
1975	506	495	494	495	508	516	517	525	530	537	537	536
1976	555	563	562	567	570	574	579	581	587	589	593	594
1977	594	599	603	609	611	613	614	620	625	630	637	640
1978	645	642	644	649	646	650	648	646	640	645	650	657
1979	657	657	677	657	660	659	657	654	651	655	643	633
1980	628	629	622	581	548	545	548	556	564	568	574	577
1981	574	572	569	576	580	572	570	558	549	531	516	503
1982	497	502										
SIC 25—FURNITURE AND FIXTURES												
1974	419	414	413	413	412	412	408	407	400	391	378	361
1975	343	329	322	323	328	327	332	341	346	349	352	356
1976	359	362	364	368	368	366	365	363	366	363	364	365
1977	367	369	372	376	379	382	385	386	387	390	393	397
1978	400	402	406	407	408	407	406	407	407	408	409	411
1979	413	412	410	406	405	405	406	406	403	403	403	401
1980	400	397	397	392	375	365	358	360	366	366	368	369
1981	370	371	372	378	382	383	385	383	381	376	369	364
1982	359	356										
SIC 32—STONE, CLAY, AND GLASS PRODUCTS												
1974	589	587	586	578	577	573	575	571	563	556	548	533
1975	519	508	496	493	493	491	490	496	501	502	501	500
1976	506	506	507	514	514	514	517	517	518	515	516	516
1977	515	506	524	531	534	539	540	539	539	536	544	548
1978	551	550	550	553	555	555	556	554	554	555	558	562
1979	560	562	566	560	563	565	561	560	556	554	549	549
1980	549	549	543	527	512	498	491	495	498	499	502	500
1981	499	498	496	497	498	497	496	496	492	484	475	465
1982	452	452										
SIC 33—PRIMARY METAL INDUSTRIES												
1974	1,038	1,036	1,028	1,028	1,028	1,033	1,034	1,034	1,037	1,036	1,026	995
1975	976	943	921	895	878	863	851	857	870	858	860	869
1976	869	872	879	895	904	917	931	938	935	912	902	898
1977	902	899	917	921	934	939	933	922	927	927	921	923
1978	932	935	932	937	946	951	958	959	964	971	980	987
1979	990	993	997	1,000	997	1,003	1,004	988	981	970	962	952
1980	952	952	949	933	889	845	807	811	825	840	859	870
1981	874	876	878	881	876	876	872	871	865	843	821	795
1982	780	770										

PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, SEASONALLY ADJUSTED, IN THOUSANDS

SIC 34—FABRICATED METAL PRODUCTS

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1974	1,264	1,290	1,274	1,275	1,268	1,271	1,275	1,262	1,251	1,244	1,222	1,183
1975	1,130	1,114	1,093	1,089	1,082	1,076	1,049	1,080	1,093	1,093	1,092	1,097
1976	1,108	1,119	1,108	1,137	1,139	1,141	1,145	1,149	1,164	1,141	1,149	1,153
1977	1,162	1,161	1,175	1,177	1,189	1,196	1,208	1,213	1,216	1,221	1,228	1,234
1978	1,243	1,252	1,255	1,262	1,270	1,267	1,270	1,271	1,280	1,285	1,291	1,300
1979	1,305	1,307	1,306	1,307	1,309	1,314	1,307	1,291	1,293	1,288	1,283	1,278
1980	1,266	1,268	1,269	1,234	1,187	1,160	1,133	1,150	1,158	1,165	1,174	1,177
1981	1,173	1,175	1,183	1,187	1,193	1,190	1,196	1,188	1,182	1,156	1,133	1,110
1982	1,094	1,089										

SIC 35—MACHINERY EXCEPT ELECTRICAL

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1974	1,466	1,470	1,476	1,479	1,478	1,491	1,481	1,489	1,491	1,502	1,486	1,462
1975	1,434	1,411	1,388	1,366	1,339	1,319	1,298	1,298	1,308	1,313	1,300	1,296
1976	1,304	1,311	1,319	1,327	1,338	1,340	1,344	1,354	1,374	1,344	1,363	1,366
1977	1,377	1,381	1,389	1,391	1,411	1,416	1,433	1,445	1,447	1,450	1,456	1,471
1978	1,474	1,481	1,492	1,499	1,503	1,521	1,529	1,536	1,549	1,567	1,576	1,595
1979	1,605	1,615	1,622	1,638	1,644	1,653	1,663	1,653	1,661	1,626	1,619	1,615
1980	1,565	1,552	1,554	1,625	1,631	1,594	1,570	1,559	1,561	1,565	1,570	1,571
1981	1,575	1,570	1,577	1,576	1,589	1,596	1,601	1,607	1,606	1,588	1,576	1,552
1982	1,526	1,514										

SIC 36—ELECTRIC AND ELECTRONIC EQUIPMENT

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1974	1,379	1,369	1,360	1,356	1,348	1,347	1,350	1,301	1,311	1,297	1,247	1,194
1975	1,160	1,106	1,092	1,072	1,065	1,062	1,060	1,076	1,085	1,099	1,102	1,117
1976	1,124	1,128	1,151	1,159	1,165	1,163	1,165	1,167	1,174	1,171	1,174	1,178
1977	1,185	1,195	1,203	1,216	1,227	1,234	1,242	1,246	1,250	1,259	1,269	1,276
1978	1,283	1,291	1,298	1,301	1,305	1,310	1,319	1,329	1,333	1,342	1,354	1,359
1979	1,366	1,377	1,386	1,388	1,391	1,402	1,403	1,377	1,393	1,395	1,388	1,394
1980	1,354	1,365	1,390	1,376	1,336	1,300	1,283	1,288	1,290	1,292	1,303	1,306
1981	1,307	1,307	1,312	1,319	1,325	1,325	1,331	1,331	1,327	1,314	1,285	1,257
1982	1,266	1,258										

SIC 37—TRANSPORTATION EQUIPMENT

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1974	1,275	1,235	1,217	1,265	1,264	1,281	1,304	1,292	1,292	1,310	1,286	1,209
1975	1,165	1,113	1,137	1,127	1,150	1,153	1,148	1,137	1,151	1,158	1,162	1,190
1976	1,213	1,226	1,240	1,249	1,243	1,241	1,217	1,216	1,206	1,195	1,256	1,254
1977	1,270	1,259	1,270	1,283	1,281	1,296	1,320	1,293	1,304	1,299	1,300	1,323
1978	1,337	1,341	1,344	1,356	1,367	1,368	1,389	1,388	1,405	1,422	1,443	1,451
1979	1,461	1,466	1,469	1,462	1,460	1,448	1,437	1,361	1,396	1,382	1,353	1,386
1980	1,300	1,316	1,322	1,230	1,179	1,185	1,176	1,201	1,197	1,213	1,244	1,231
1981	1,235	1,221	1,240	1,257	1,252	1,255	1,244	1,219	1,206	1,184	1,159	1,115
1982	1,102	1,108										

SIC 38—INSTRUMENTS AND RELATED PRODUCTS

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1974	366	369	372	374	374	376	374	375	374	370	363	357
1975	351	343	334	331	326	324	323	325	328	333	334	336
1976	339	341	344	348	353	354	357	357	358	359	361	364
1977	366	370	372	373	376	375	376	376	378	380	381	384
1978	386	387	390	392	396	401	404	405	407	409	413	414
1979	418	420	420	421	421	423	422	423	423	424	422	424

See footnotes at end of tables.

PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, SEASONALLY ADJUSTED, IN THOUSANDS

SIC 38—INSTRUMENTS AND RELATED PRODUCTS

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1980	425	428	431	428	426	422	421	423	423	424	426	428
1981	428	427	429	428	429	429	432	431	431	428	424	423
1982	420	418										

SIC 39—MISCELLANEOUS MANUFACTURING INDUSTRIES

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1974	363	360	363	362	361	361	361	358	351	347	337	325
1975	315	309	303	301	301	302	311	311	317	317	319	321
1976	324	326	329	328	331	331	330	329	333	329	328	330
1977	333	336	335	336	336	334	333	332	332	332	335	340
1978	339	341	344	345	346	346	344	344	346	348	346	343
1979	343	341	340	338	337	340	339	342	339	338	335	336
1980	334	330	330	327	317	307	307	304	302	300	300	300
1981	303	302	302	303	304	304	312	305	306	304	303	301
1982	295	292										

SIC 20-23,26-31—NONDURABLE GOODS

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1974	6,124	6,103	6,083	6,047	6,048	6,031	6,005	5,996	5,960	5,892	5,791	5,644
1975	5,504	5,388	5,331	5,346	5,385	5,397	5,441	5,508	5,564	5,630	5,649	5,682
1976	5,722	5,744	5,755	5,780	5,718	5,698	5,705	5,683	5,745	5,721	5,726	5,722
1977	5,744	5,774	5,795	5,833	5,844	5,855	5,849	5,843	5,848	5,841	5,857	5,879
1978	5,888	5,900	5,926	5,935	5,937	5,949	5,927	5,928	5,920	5,921	5,959	5,986
1979	5,992	5,975	5,984	5,973	5,981	5,981	5,973	5,949	5,923	5,938	5,922	5,918
1980	5,924	5,862	5,857	5,836	5,783	5,720	5,659	5,729	5,722	5,726	5,729	5,732
1981	5,725	5,727	5,727	5,743	5,762	5,750	5,773	5,747	5,742	5,697	5,656	5,603
1982	5,548	5,531										

SIC 20—FOOD AND KINDRED PRODUCTS

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1974	1,183	1,179	1,188	1,174	1,174	1,156	1,147	1,161	1,163	1,158	1,147	1,138
1975	1,119	1,107	1,105	1,108	1,112	1,113	1,115	1,128	1,131	1,137	1,135	1,135
1976	1,140	1,145	1,132	1,140	1,148	1,145	1,155	1,154	1,151	1,146	1,146	1,142
1977	1,148	1,156	1,157	1,167	1,163	1,169	1,166	1,166	1,169	1,152	1,160	1,164
1978	1,170	1,173	1,181	1,179	1,171	1,174	1,170	1,166	1,168	1,165	1,184	1,192
1979	1,194	1,186	1,194	1,190	1,192	1,195	1,188	1,188	1,188	1,191	1,192	1,194
1980	1,191	1,185	1,180	1,169	1,170	1,163	1,169	1,189	1,178	1,171	1,167	1,164
1981	1,163	1,164	1,157	1,162	1,164	1,148	1,154	1,139	1,137	1,142	1,144	1,140
1982	1,135	1,142										

SIC 21—TOBACCO MANUFACTURES

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1974	65	65	65	65	64	63	64	64	64	65	61	61
1975	63	62	61	60	60	59	63	63	64	64	65	64
1976	63	62	61	62	64	62	68	66	64	64	65	63
1977	62	62	58	59	57	57	56	55	55	55	54	56
1978	56	56	57	56	56	56	55	55	56	57	57	58
1979	57	56	57	57	57	56	56	56	57	56	50	53
1980	53	54	53	54	54	54	54	52	53	54	55	54
1981	54	54	55	55	55	55	55	55	54	54	54	53
1982	54	53										

PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, SEASONALLY ADJUSTED, IN THOUSANDS

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 22—TEXTILE MILL PRODUCTS												
1974	880	873	869	865	862	859	852	847	837	813	791	760
1975	726	710	706	721	738	742	749	765	779	794	797	801
1976	807	811	809	813	810	804	800	798	796	790	785	787
1977	787	790	795	799	797	796	797	791	789	790	791	790
1978	790	789	788	785	784	782	781	780	781	781	781	780
1979	781	779	776	773	772	773	771	767	763	765	766	766
1980	766	763	764	760	745	722	709	725	722	724	723	720
1981	719	716	715	717	718	719	724	718	717	704	693	683
1982	670	667										
SIC 23—APPAREL AND OTHER TEXTILE PRODUCTS												
1974	1,228	1,218	1,202	1,195	1,197	1,187	1,183	1,172	1,165	1,150	1,127	1,078
1975	1,048	1,025	1,013	1,024	1,038	1,046	1,065	1,077	1,092	1,114	1,121	1,136
1976	1,146	1,147	1,156	1,155	1,148	1,145	1,138	1,126	1,118	1,112	1,114	1,112
1977	1,119	1,125	1,127	1,126	1,129	1,132	1,126	1,130	1,131	1,133	1,139	1,142
1978	1,142	1,142	1,146	1,150	1,149	1,148	1,134	1,146	1,145	1,144	1,145	1,147
1979	1,150	1,137	1,132	1,131	1,128	1,119	1,118	1,104	1,095	1,102	1,094	1,093
1980	1,101	1,102	1,106	1,091	1,081	1,077	1,062	1,073	1,067	1,065	1,064	1,064
1981	1,060	1,057	1,060	1,060	1,065	1,066	1,069	1,066	1,066	1,056	1,049	1,036
1982	1,018	1,018										
SIC 26—PAPER AND ALLIED PRODUCTS												
1974	554	554	554	554	552	552	552	547	543	534	524	513
1975	499	486	475	469	467	466	470	475	479	487	490	496
1976	500	504	506	508	510	512	510	509	511	510	512	510
1977	512	513	514	517	520	521	519	521	521	520	519	522
1978	522	523	525	526	530	532	531	521	522	518	523	527
1979	527	531	534	534	535	537	540	540	538	539	537	537
1980	537	536	536	531	523	517	510	513	515	517	519	520
1981	520	519	519	519	520	520	521	520	525	515	511	506
1982	504	501										
SIC 27—PRINTING AND PUBLISHING												
1974	670	671	664	663	664	666	664	663	656	653	647	645
1975	642	634	629	624	620	618	617	620	622	620	620	621
1976	620	617	621	622	623	623	625	625	631	629	631	630
1977	631	634	637	642	645	647	648	650	653	656	656	660
1978	661	663	667	670	673	674	676	676	667	673	680	685
1979	687	690	693	692	696	696	701	700	700	703	706	703
1980	706	706	703	702	698	698	695	695	696	695	695	699
1981	696	697	696	696	697	697	698	699	701	702	700	700
1982	699	699										
SIC 28—CHEMICALS AND ALLIED PRODUCTS												
1974	623	621	623	619	620	626	628	630	631	630	621	504
1975	593	585	576	572	573	572	571	575	579	584	587	588
1976	593	598	601	602	599	596	600	604	601	602	604	605
1977	607	611	614	617	618	617	618	618	618	617	618	620
1978	621	623	624	625	629	629	630	629	629	629	631	633
1979	633	632	631	631	630	635	634	633	633	636	636	637

See footnotes at end of tables.

PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, SEASONALLY ADJUSTED, IN THOUSANDS

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 29—CHEMICALS AND ALLIED PRODUCTS												
1980	638	635	634	636	630	626	616	616	618	619	622	623
1981	625	627	628	629	630	631	630	630	629	625	621	616
1982	612	605										
SIC 29—PETROLEUM AND COAL PRODUCTS												
1974	127	126	127	126	128	128	127	125	124	125	127	125
1975	117	117	121	119	122	122	125	126	126	126	127	127
1976	129	129	129	130	128	127	127	127	127	127	128	128
1977	127	125	127	131	132	132	133	133	134	134	134	134
1978	135	136	136	136	135	135	135	136	135	136	136	137
1979	136	137	137	137	137	137	137	137	137	137	137	138
1980	138	91	88	109	131	132	134	134	135	135	135	135
1981	136	137	137	137	139	136	136	134	134	133	132	131
1982	125	124										
SIC 30—RUBBER AND MISC. PLASTICS PRODUCTS												
1974	554	557	551	549	551	557	554	554	548	540	522	502
1975	487	458	445	448	450	450	452	464	474	481	481	466
1976	492	496	507	514	455	454	450	450	524	523	524	528
1977	532	539	547	556	563	566	570	563	564	565	566	572
1978	572	575	581	586	589	596	596	597	596	598	603	609
1979	610	613	616	616	621	619	627	617	606	604	600	594
1980	592	588	592	584	554	538	524	536	542	551	554	558
1981	557	559	563	571	577	580	584	586	580	568	557	548
1982	544	538										
SIC 31—LEATHER AND LEATHER PRODUCTS												
1974	240	239	240	237	236	235	234	233	229	224	224	218
1975	210	204	200	201	205	209	214	215	218	223	226	228
1976	232	233	233	234	233	230	232	224	222	218	217	217
1977	219	219	219	219	220	218	216	216	214	219	220	220
1978	219	220	221	222	221	223	219	222	221	220	219	218
1979	217	214	214	212	213	214	201	207	206	205	204	203
1980	202	202	201	200	197	195	186	196	196	195	195	195
1981	195	197	197	197	198	198	202	200	199	198	195	190
1982	187	180										
PRIVATE SERVICE-PRODUCING[1]												
1974	33,977	34,069	34,116	34,180	34,306	34,392	34,454	34,503	34,528	34,663	34,595	34,428
1975	34,347	34,310	34,278	34,279	34,345	34,386	34,611	34,753	34,766	34,870	34,924	35,032
1976	35,257	35,422	35,532	35,686	35,751	35,804	35,957	36,010	36,118	36,145	36,203	36,349
1977	36,508	36,612	36,809	36,981	37,148	37,312	37,478	37,627	37,863	37,973	38,173	38,350
1978	38,443	38,588	38,823	39,067	39,247	39,442	39,555	39,715	39,833	39,931	40,179	40,310
1979	40,415	40,566	40,747	40,668	40,892	41,042	41,035	41,145	41,221	41,380	41,514	41,545
1980	41,665	41,813	41,898	41,807	41,821	41,781	41,858	41,950	42,038	42,097	42,195	42,279
1981	42,420	42,560	42,504	42,643	42,689	42,779	42,880	42,944	43,016	43,045	43,021	42,923
1982	42,997	43,057										

PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, SEASONALLY ADJUSTED, IN THOUSANDS

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
TRANSPORTATION AND PUBLIC UTILITIES												
1974	4,093	4,089	4,083	4,093	4,090	4,090	4,092	4,091	4,058	4,078	4,061	4,035
1975	3,993	3,949	3,974	3,995	3,891	3,873	3,873	3,873	3,870	3,870	3,875	3,849
1976	3,890	3,902	3,906	3,911	3,906	3,913	3,926	3,930	3,940	3,922	3,921	3,945
1977	3,953	3,961	3,966	3,983	4,001	4,011	4,020	4,023	4,054	4,031	4,037	4,055
1978	4,063	4,079	4,100	4,136	4,137	4,159	4,117	4,141	4,151	4,189	4,210	4,220
1979	4,237	4,251	4,262	4,180	4,279	4,335	4,326	4,339	4,335	4,340	4,349	4,344
1980	4,330	4,329	4,328	4,319	4,308	4,275	4,267	4,267	4,267	4,279	4,269	4,280
1981	4,276	4,277	4,279	4,289	4,279	4,282	4,285	4,285	4,295	4,275	4,261	4,241
1982	4,241	4,232										
WHOLESALE AND RETAIL TRADE												
1974	14,860	14,881	14,914	14,940	14,978	15,018	15,054	15,048	15,092	15,162	15,115	14,955
1975	14,918	14,897	14,880	14,884	14,888	14,958	15,035	15,106	15,140	15,179	15,200	15,265
1976	15,366	15,470	15,503	15,602	15,644	15,629	15,675	15,723	15,779	15,777	15,787	15,842
1977	15,918	15,957	16,067	16,138	16,216	16,290	16,356	16,421	16,496	16,545	16,642	16,739
1978	16,817	16,851	16,948	17,035	17,139	17,226	17,291	17,346	17,394	17,453	17,543	17,577
1979	17,641	17,682	17,730	17,710	17,729	17,732	17,701	17,717	17,749	17,829	17,892	17,861
1980	17,877	17,935	17,925	17,814	17,792	17,741	17,741	17,772	17,784	17,774	17,801	17,800
1981	17,944	17,858	17,859	17,914	17,934	17,981	18,026	18,049	18,059	18,053	18,016	17,920
1982	18,011	18,061										
SIC 50,51—WHOLESALE TRADE												
1974	3,625	3,645	3,653	3,656	3,666	3,679	3,685	3,692	3,682	3,691	3,689	3,673
1975	3,654	3,634	3,613	3,613	3,611	3,609	3,626	3,630	3,654	3,658	3,665	3,676
1976	3,692	3,709	3,719	3,736	3,747	3,748	3,754	3,752	3,769	3,767	3,772	3,783
1977	3,794	3,803	3,818	3,837	3,854	3,868	3,888	3,903	3,923	3,930	3,951	3,971
1978	3,983	4,002	4,025	4,049	4,072	4,091	4,101	4,127	4,140	4,162	4,178	4,197
1979	4,216	4,228	4,244	4,242	4,263	4,281	4,287	4,290	4,295	4,307	4,318	4,313
1980	4,327	4,341	4,342	4,320	4,305	4,285	4,289	4,292	4,304	4,307	4,312	4,327
1981	4,334	4,339	4,345	4,353	4,364	4,366	4,376	4,381	4,376	4,373	4,367	4,348
1982	4,332	4,327										
SIC 52-59—RETAIL TRADE												
1974	11,235	11,236	11,261	11,284	11,312	11,339	11,369	11,356	11,410	11,471	11,426	11,282
1975	11,264	11,263	11,267	11,271	11,277	11,349	11,409	11,476	11,486	11,521	11,535	11,589
1976	11,674	11,761	11,784	11,866	11,897	11,881	11,921	11,971	12,010	12,010	12,015	12,059
1977	12,124	12,154	12,249	12,301	12,362	12,422	12,468	12,518	12,573	12,615	12,691	12,768
1978	12,834	12,849	12,919	12,986	13,067	13,135	13,190	13,219	13,254	13,291	13,365	13,380
1979	13,425	13,454	13,486	13,468	13,466	13,451	13,414	13,427	13,454	13,522	13,574	13,548
1980	13,550	13,594	13,583	13,494	13,487	13,456	13,452	13,480	13,480	13,467	13,489	13,473
1981	13,510	13,519	13,514	13,561	13,570	13,615	13,650	13,668	13,683	13,680	13,649	13,572
1982	13,679	13,734										
FINANCE, INSURANCE, AND REAL ESTATE[24]												
1974	3,138	3,157	3,159	3,164	3,169	3,174	3,175	3,178	3,181	3,180	3,179	3,177
1975	3,168	3,160	3,154	3,156	3,161	3,159	3,166	3,177	3,186	3,195	3,192	3,205
1976	3,205	3,210	3,218	3,225	3,225	3,232	3,240	3,242	3,263	3,274	3,284	3,299
1977	3,315	3,330	3,349	3,365	3,376	3,388	3,396	3,411	3,432	3,450	3,469	3,483
1978	3,499	3,526	3,535	3,548	3,562	3,584	3,604	3,616	3,633	3,645	3,675	3,689
1979	3,708	3,719	3,731	3,737	3,761	3,780	3,788	3,811	3,808	3,816	3,827	3,829

See footnotes at end of tables.

PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, SEASONALLY ADJUSTED, IN THOUSANDS

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
FINANCE, INSURANCE, AND REAL ESTATE[24]												
1980	3,949	3,967	3,979	3,984	3,997	3,901	3,914	3,920	3,926	3,938	3,949	3,957
1981	3,971	3,976	3,980	3,993	4,000	4,005	4,010	4,018	4,023	4,019	4,013	4,014
1982	4,007	4,003										
SERVICES												
1974	11,886	11,943	11,960	11,983	12,069	12,110	12,133	12,186	12,197	12,243	12,240	12,261
1975	12,268	12,304	12,320	12,344	12,405	12,396	12,537	12,597	12,570	12,626	12,657	12,713
1976	12,796	12,840	12,905	12,948	12,976	13,030	13,116	13,115	13,136	13,172	13,211	13,263
1977	13,322	13,364	13,427	13,495	13,555	13,623	13,706	13,772	13,881	13,947	14,025	14,073
1978	14,064	14,132	14,244	14,348	14,409	14,473	14,543	14,612	14,655	14,644	14,751	14,824
1979	14,829	14,914	15,024	15,041	15,123	15,195	15,220	15,278	15,329	15,395	15,446	15,511
1980	15,609	15,682	15,766	15,790	15,824	15,864	15,936	15,993	16,061	16,106	16,176	16,242
1981	16,329	16,349	16,386	16,447	16,476	16,511	16,559	16,592	16,639	16,698	16,731	16,748
1982	16,738	16,761										

AVERAGE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, SEASONALLY ADJUSTED

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
TOTAL PRIVATE[7]												
1974	35.7	36.8	36.7	36.4	36.7	36.6	36.6	36.5	36.6	36.4	36.2	36.1
1975	36.1	35.9	35.8	35.9	35.9	36.0	36.0	36.2	36.2	36.2	36.2	36.3
1976	36.3	36.3	36.1	36.1	36.2	36.2	36.2	36.1	36.0	36.0	36.0	36.0
1977	35.8	36.1	36.0	36.0	36.1	36.0	36.0	36.0	36.0	36.0	35.9	35.9
1978	35.5	35.6	35.9	36.0	35.9	35.9	35.9	35.9	35.8	35.8	35.8	35.8
1979	35.7	35.7	35.8	35.3	35.7	35.7	35.7	35.7	35.7	35.6	35.6	35.6
1980	35.6	35.5	35.3	35.3	35.2	35.1	35.0	35.1	35.3	35.3	35.3	35.3
1981	35.6	35.2	35.3	35.4	35.4	35.2	35.3	35.2	35.0	35.1	35.1	35.0
1982	34.4	35.0										
MANUFACTURING												
1974	40.5	40.4	40.4	39.3	40.3	40.2	40.2	40.2	40.0	40.0	39.5	39.3
1975	39.2	38.9	38.8	39.2	39.0	39.2	39.4	39.7	39.9	39.8	39.9	40.2
1976	40.5	40.3	40.2	39.6	40.3	40.2	40.3	40.1	39.8	40.0	40.1	40.0
1977	39.7	40.3	40.2	40.4	40.4	40.5	40.3	40.4	40.4	40.5	40.4	40.4
1978	39.7	39.9	40.4	40.8	40.4	40.5	40.6	40.5	40.5	40.5	40.6	40.6
1979	40.7	40.5	40.5	39.2	40.2	40.2	40.3	40.1	40.2	40.1	40.0	40.1
1980	40.3	40.0	39.8	39.8	39.4	39.2	39.2	39.4	39.6	39.6	39.8	40.0
1981	40.4	39.7	39.9	40.1	40.2	40.1	40.0	39.9	39.4	39.5	39.3	39.1
1982	37.6	39.4										
SIC 24,25,32-39—DURABLE GOODS												
1974	41.0	41.0	41.0	39.7	41.0	40.8	40.7	40.8	40.8	40.8	40.3	40.1
1975	39.9	39.6	39.4	39.9	39.5	39.6	39.8	40.1	40.2	40.1	40.1	40.6
1976	40.8	40.8	40.6	40.1	40.9	40.9	41.0	40.7	40.4	40.5	40.7	40.5
1977	40.2	40.8	40.8	41.1	41.1	41.2	41.0	41.1	41.2	41.2	41.1	41.1
1978	40.3	40.5	41.1	41.5	41.1	41.3	41.3	41.1	41.3	41.3	41.3	41.4
1979	41.4	41.3	41.3	39.6	40.9	40.8	40.9	40.7	40.7	40.7	40.5	40.6

AVERAGE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, SEASONALLY ADJUSTED

Year		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 24,25,32-39—DURABLE GOODS													
1980		40.8	40.5	40.2	40.2	39.7	39.6	39.6	39.9	40.1	40.1	40.4	40.5
1981		40.6	40.1	40.4	40.6	40.7	40.5	40.5	40.4	39.7	40.0	39.7	39.5
1982		38.2	39.8										
SIC 24—LUMBER AND WOOD PRODUCTS													
1974		39.9	39.8	40.0	39.4	39.8	39.5	39.3	39.0	38.5	38.2	38.2	37.7
1975		38.0	38.0	37.6	38.3	38.3	38.7	38.6	39.1	39.4	39.2	39.0	39.8
1976		40.8	40.0	39.5	39.7	39.8	39.7	40.0	40.0	39.5	39.8	39.6	39.7
1977		39.6	40.0	39.7	39.9	39.8	39.7	39.8	39.6	40.1	39.9	39.9	39.8
1978		39.2	39.5	39.8	40.3	39.8	40.1	39.9	39.5	39.6	39.9	39.9	39.8
1979		39.9	39.5	39.9	39.4	39.6	39.6	39.4	39.4	39.6	39.3	38.8	38.9
1980		39.6	39.0	38.4	37.4	37.6	37.8	38.2	38.7	38.9	38.7	39.1	39.2
1981		40.3	38.9	39.1	39.4	39.6	38.9	38.7	38.4	37.6	37.8	37.7	37.7
1982		35.0	37.9										
SIC 25—FURNITURE AND FIXTURES													
1974		39.9	39.7	39.6	39.0	39.6	39.6	39.4	39.1	38.9	38.6	37.7	37.3
1975		36.6	36.3	36.6	37.4	37.6	37.8	37.9	38.4	39.0	38.9	39.1	39.4
1976		39.5	39.3	39.0	38.6	38.7	38.4	39.8	38.6	38.3	38.3	38.6	38.5
1977		38.1	38.4	38.7	38.6	39.0	39.2	39.2	39.2	39.3	39.5	39.4	39.4
1978		38.8	39.7	39.6	39.8	39.5	39.7	39.6	39.3	39.1	39.0	39.1	39.0
1979		39.6	38.5	38.8	37.8	38.6	38.6	38.8	38.6	38.7	38.7	38.8	38.8
1980		39.7	38.8	38.3	38.2	37.6	37.2	37.0	37.4	38.0	37.9	37.9	38.4
1981		39.4	38.6	38.5	38.5	38.8	38.8	38.6	38.4	37.4	38.0	37.6	37.9
1982		33.6	37.7										
SIC 32—STONE, CLAY, AND GLASS PRODUCTS													
1974		41.4	41.7	41.5	41.1	41.3	41.3	41.3	41.1	41.1	41.1	41.0	40.7
1975		40.7	40.1	39.7	40.1	40.1	40.1	40.4	40.7	40.7	40.6	40.7	41.0
1976		41.4	41.5	40.8	41.0	41.3	41.2	41.0	40.8	40.9	41.2	41.0	41.0
1977		40.7	41.4	41.1	41.6	41.4	41.3	41.3	41.4	41.0	41.0	41.3	41.2
1978		40.2	40.9	41.5	42.0	41.5	41.8	41.9	41.8	41.8	41.9	41.8	41.8
1979		41.8	41.6	41.9	41.3	41.7	41.6	41.5	41.4	41.4	41.4	41.3	41.4
1980		41.4	41.1	40.8	40.5	40.4	40.5	40.3	40.4	40.8	40.9	41.0	41.2
1981		41.6	40.6	40.7	41.2	40.9	40.7	40.8	40.7	40.3	40.1	40.1	39.7
1982		38.6	40.1										
SIC 33—PRIMARY METAL INDUSTRIES													
1974		41.9	41.5	41.7	41.5	41.6	41.7	41.6	41.7	42.0	42.0	41.4	41.1
1975		40.6	40.3	40.0	39.8	39.4	39.4	39.6	39.6	39.9	40.0	40.1	40.4
1976		40.5	40.6	40.7	40.8	41.3	41.6	41.7	41.3	40.9	40.4	40.4	40.2
1977		40.1	40.6	41.1	41.6	41.6	41.6	41.4	41.3	41.3	41.5	41.5	41.6
1978		41.2	41.4	41.4	41.5	41.8	41.9	42.0	42.1	42.1	42.2	42.2	42.3
1979		42.2	42.0	41.7	41.6	41.5	41.5	41.6	41.2	41.1	41.2	40.7	40.6
1980		40.6	40.5	40.5	40.5	39.4	39.0	39.0	39.4	39.7	40.1	40.7	41.2
1981		41.0	40.5	40.9	41.1	41.1	40.9	40.7	40.8	40.6	40.0	39.6	39.2
1982		38.3	39.4										

See footnotes at end of tables.

AVERAGE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, SEASONALLY ADJUSTED

Year		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 34—FABRICATED METAL PRODUCTS													
1974		41.2	41.2	41.2	39.5	41.1	40.9	40.9	41.0	41.1	40.9	40.4	40.4
1975		40.3	39.8	39.7	40.1	39.6	39.7	39.7	40.1	40.3	40.3	40.4	40.6
1976		40.7	40.9	40.7	39.9	41.1	41.0	41.1	40.9	40.6	40.8	40.9	40.7
1977		40.1	40.9	40.9	41.1	41.0	41.3	41.0	41.1	41.0	41.1	41.0	41.0
1978		40.2	40.6	41.1	41.7	41.2	41.0	41.2	41.0	41.1	40.9	41.1	41.2
1979		41.1	41.3	41.2	39.2	40.7	40.8	40.9	40.6	40.7	40.8	40.7	40.8
1980		40.9	40.7	40.5	40.7	40.0	39.9	39.8	40.1	40.4	40.4	40.6	40.5
1981		40.7	40.3	40.5	40.7	40.8	40.6	40.5	40.4	39.6	40.0	39.7	39.5
1982		38.1	39.7										
SIC 35—MACHINERY, EXCEPT ELECTRICAL													
1974		42.7	42.5	42.7	40.7	42.5	42.5	42.1	42.3	42.3	42.2	41.8	41.6
1975		41.4	41.0	40.7	41.2	40.5	40.4	40.4	40.8	40.8	40.6	40.8	41.0
1976		41.3	41.2	41.1	40.5	41.3	41.3	41.5	41.4	40.9	41.2	41.3	41.0
1977		40.6	41.2	41.2	41.3	41.4	41.6	41.5	41.6	41.8	41.9	41.9	41.8
1978		41.1	41.7	42.1	42.4	42.0	42.3	42.2	42.0	42.0	42.1	42.2	42.4
1979		42.2	42.5	42.4	40.4	41.8	41.9	41.9	41.6	41.7	41.6	41.5	41.5
1980		41.6	41.5	41.3	41.3	40.9	40.7	40.6	40.7	40.9	40.8	41.0	41.0
1981		41.3	40.8	41.0	41.1	41.4	41.1	41.2	41.1	40.3	40.8	40.7	40.4
1982		39.3	40.7										
SIC 36—ELECTRIC AND ELECTRONIC EQUIPMENT													
1974		40.0	40.0	40.0	38.8	40.1	40.1	39.9	39.7	39.7	39.7	39.5	39.4
1975		39.3	39.0	39.2	39.6	39.2	39.3	39.7	39.7	39.8	39.9	39.6	40.2
1976		40.3	40.2	40.1	39.5	40.3	40.2	40.0	40.1	39.6	40.1	40.5	40.1
1977		39.4	40.5	40.3	40.4	40.5	40.7	40.4	40.7	40.7	40.6	40.4	40.5
1978		39.5	39.6	40.4	40.5	40.3	40.4	40.8	40.5	40.4	40.4	40.3	40.4
1979		40.5	40.5	40.6	39.1	40.4	40.4	40.3	39.9	40.4	40.3	40.4	40.4
1980		40.4	40.2	39.9	39.9	39.5	39.4	39.2	39.5	39.7	39.7	40.0	40.0
1981		40.3	39.6	40.1	40.1	40.3	40.2	40.4	40.3	39.7	39.8	39.4	39.5
1982		38.3	39.8										
SIC 37—TRANSPORTATION EQUIPMENT													
1974		40.9	41.0	40.9	38.6	41.0	40.3	40.7	41.1	40.8	41.4	40.1	39.9
1975		39.8	39.6	39.3	40.7	39.6	39.9	40.5	41.0	40.9	40.6	40.8	41.7
1976		41.8	41.9	42.0	40.7	42.2	42.3	42.0	41.7	41.2	41.3	41.9	41.3
1977		41.7	41.7	42.4	42.8	42.8	43.1	42.6	42.5	42.9	42.9	42.5	42.3
1978		41.3	40.6	42.0	42.9	42.0	42.2	42.3	41.8	42.7	42.5	42.6	42.6
1979		42.7	42.4	42.2	38.4	41.4	41.0	41.2	41.3	40.8	41.0	40.4	40.9
1980		40.7	40.6	40.3	40.4	39.9	39.9	40.0	40.7	40.9	40.8	41.3	41.3
1981		41.5	40.3	41.1	41.6	41.6	41.4	41.2	41.2	40.1	40.6	40.4	39.7
1982		39.0	40.5										
SIC 38—INSTRUMENTS AND RELATED PRODUCTS													
1974		41.0	41.0	40.9	39.9	40.5	40.5	40.1	40.6	40.4	40.2	40.2	39.9
1975		39.6	39.0	39.1	39.2	39.2	39.2	39.6	39.5	39.7	39.5	39.9	40.0
1976		40.2	40.1	40.2	39.8	40.6	40.4	40.5	40.3	40.1	40.3	40.3	40.5
1977		40.1	41.0	40.5	40.6	40.6	40.8	40.6	40.6	40.7	40.8	40.6	40.6
1978		40.2	40.5	41.0	41.4	40.8	40.8	40.8	41.1	41.1	40.9	40.8	40.9
1979		40.9	41.0	41.1	40.3	40.9	40.7	40.9	40.7	40.7	40.7	40.9	40.8

AVERAGE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, SEASONALLY ADJUSTED

SIC 38—INSTRUMENTS AND RELATED PRODUCTS

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1980	41.4	40.7	40.4	40.7	40.4	40.5	40.2	40.1	40.1	40.2	40.4	40.4
1981	41.0	40.5	40.4	40.2	40.4	40.4	40.5	40.6	40.4	40.3	40.2	39.9
1982	39.0	39.9										

SIC 39—MISCELLANEOUS MANUFACTURING INDUSTRIES

1974	38.5	39.0	39.1	37.7	39.1	39.1	39.2	39.0	38.7	38.6	38.2	38.3
1975	36.5	37.9	37.6	38.3	38.2	38.4	38.3	38.6	38.9	39.0	38.8	39.2
1976	39.3	39.1	38.9	38.2	39.1	38.8	39.1	38.7	38.4	38.7	38.9	38.9
1977	38.1	38.3	39.0	38.9	38.9	39.0	38.6	38.7	38.9	38.9	38.9	38.6
1978	38.2	38.3	38.8	39.2	38.9	38.9	38.9	39.0	38.9	38.8	38.9	38.8
1979	39.3	38.9	39.0	37.7	38.7	38.9	39.1	38.9	38.9	38.9	38.9	38.9
1980	39.6	39.0	38.6	38.6	38.4	38.3	38.2	38.5	38.8	38.5	38.6	38.8
1981	39.3	38.6	38.8	38.9	39.1	39.0	39.0	38.9	38.4	38.9	39.0	38.5
1982	37.3	39.6										

SIC 20-23,26-31—NONDURABLE GOODS

1974	39.6	39.6	39.5	38.7	39.4	39.3	39.3	39.3	39.0	38.8	38.5	38.1
1975	38.1	37.8	37.9	38.2	38.4	38.7	38.9	39.3	39.4	39.4	39.5	39.8
1976	40.0	39.8	39.6	39.0	39.5	39.3	39.4	39.1	39.1	39.2	39.2	39.3
1977	39.0	39.6	39.4	39.5	39.5	39.6	39.3	39.3	39.3	39.4	39.4	39.3
1978	38.8	39.0	39.5	39.7	39.4	39.5	39.5	39.5	39.5	39.3	39.4	39.3
1979	39.5	39.3	39.4	38.6	39.2	39.3	39.3	39.3	39.4	39.3	39.3	39.3
1980	39.7	39.3	39.0	39.1	38.9	38.7	38.6	38.8	38.9	39.0	39.0	39.2
1981	39.9	39.2	39.1	39.2	39.4	39.4	39.2	39.2	38.9	38.9	38.7	38.6
1982	36.8	38.9										

SIC 20—FOOD AND KINDRED PRODUCTS

1974	40.9	40.7	40.4	39.8	40.6	40.7	40.6	40.5	40.3	40.2	40.1	39.9
1975	39.9	39.9	40.2	40.1	39.9	40.0	40.2	40.7	40.7	40.4	40.4	40.6
1976	40.9	40.6	40.3	40.2	40.4	40.4	40.4	40.4	40.4	40.5	40.3	40.2
1977	39.8	40.5	40.2	40.3	40.0	40.1	39.8	39.8	39.7	39.7	39.9	39.7
1978	39.3	39.7	39.8	40.1	39.7	39.6	39.8	39.7	39.6	39.8	39.7	39.8
1979	39.7	39.7	40.0	39.7	39.7	39.8	39.8	39.8	40.1	39.9	39.9	39.9
1980	39.8	39.6	39.5	39.6	39.8	39.6	39.7	39.9	39.8	39.7	39.7	39.7
1981	40.4	39.8	39.5	39.9	39.7	39.7	39.5	39.4	39.3	39.5	39.5	39.8
1982	39.1	40.2										

SIC 22—TEXTILE MILL PRODUCTS

1974	40.9	40.7	40.5	39.2	40.2	40.2	40.3	39.6	39.3	38.5	37.9	36.8
1975	36.6	36.3	37.1	38.0	38.7	39.1	39.8	40.4	40.9	41.0	41.0	41.2
1976	41.6	41.1	40.8	39.2	40.4	40.2	40.4	39.5	39.1	39.4	39.5	40.0
1977	40.1	40.3	40.4	40.3	40.3	40.3	40.4	40.3	40.3	40.5	40.6	40.4
1978	40.2	40.3	40.5	40.8	40.5	40.5	40.6	40.6	40.5	40.2	40.2	40.2
1979	40.9	40.0	40.2	38.9	40.1	40.4	40.4	40.3	40.7	40.6	40.8	40.8
1980	42.1	41.0	40.7	40.3	39.8	39.3	39.0	39.2	39.7	39.5	39.8	40.0
1981	41.2	40.0	39.8	39.9	40.2	40.1	40.1	39.8	38.8	39.0	38.7	37.8
1982	32.3	38.3										

See footnotes at end of tables.

AVERAGE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, SEASONALLY ADJUSTED

SIC 23—APPAREL AND OTHER TEXTILE PRODUCTS

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1974	35.4	35.8	35.6	34.6	35.6	34.8	35.4	35.5	35.2	35.2	34.6	34.2
1975	34.2	33.9	33.8	34.5	34.5	35.1	35.2	35.6	36.1	36.1	36.2	36.6
1976	37.0	36.6	36.4	35.5	36.2	35.9	35.9	35.5	35.3	35.4	35.4	35.4
1977	35.0	35.8	35.5	35.3	35.6	35.8	35.4	35.6	35.4	35.8	35.7	35.8
1978	34.5	35.3	35.8	36.1	35.8	35.7	35.7	35.7	35.8	35.3	35.7	35.4
1979	36.0	35.3	35.3	34.2	35.1	35.2	35.3	35.3	35.3	35.3	35.3	35.5
1980	36.7	35.8	35.3	35.6	35.3	35.2	35.1	35.0	35.2	35.3	35.1	35.5
1981	36.7	35.6	35.7	35.5	35.9	35.9	35.8	35.9	35.2	35.5	35.5	35.1
1982	31.4	35.5										

SIC 26—PAPER AND ALLIED PRODUCTS

1974	43.0	42.8	42.7	41.8	42.6	42.5	42.3	42.3	42.0	41.8	41.5	41.2
1975	41.0	40.6	40.5	40.7	41.1	41.6	41.7	42.4	42.3	42.4	42.5	42.8
1976	42.8	42.8	42.7	42.0	42.7	42.4	42.6	42.5	42.4	42.4	42.4	42.5
1977	42.1	42.8	42.8	43.4	43.1	43.2	42.9	42.8	43.0	42.9	42.8	42.9
1978	42.3	42.3	43.2	43.1	43.0	43.0	43.1	43.0	42.9	42.9	43.1	42.7
1979	42.7	42.7	42.7	41.9	42.6	42.7	42.7	42.7	42.5	42.6	42.6	42.7
1980	42.7	42.7	42.5	42.5	41.9	41.7	41.7	41.9	42.1	42.2	42.4	42.8
1981	42.7	42.5	42.5	42.6	42.8	42.7	42.7	42.5	43.0	42.4	42.0	41.8
1982	41.3	42.3										

SIC 27—PRINTING AND PUBLISHING

1974	37.7	37.7	37.7	37.2	37.8	37.6	37.4	37.7	37.4	37.3	37.1	37.0
1975	37.1	37.0	36.8	36.7	36.8	36.8	36.7	37.0	36.9	37.0	37.1	37.4
1976	37.5	37.3	37.3	37.3	37.5	37.5	37.7	37.5	37.4	37.4	37.4	37.6
1977	37.4	37.8	37.6	37.7	37.7	37.8	37.7	37.6	37.8	37.9	37.7	37.6
1978	37.4	37.4	37.9	37.8	37.4	37.6	37.6	37.5	37.7	37.7	37.8	37.6
1979	37.7	37.7	37.7	37.1	37.5	37.5	37.5	37.7	37.6	37.4	37.6	37.4
1980	37.8	37.3	37.2	37.1	37.1	36.9	36.9	37.0	36.9	37.1	36.9	37.3
1981	37.7	37.2	37.1	37.3	37.4	37.4	37.3	37.3	37.1	37.1	37.1	37.1
1982	36.9	37.4										

SIC 28—CHEMICALS AND ALLIED PRODUCTS

1974	41.8	41.8	41.7	41.8	41.7	41.7	41.6	41.6	41.4	41.4	41.2	41.0
1975	40.8	40.7	40.6	40.5	40.8	40.9	41.0	41.1	41.2	41.3	41.3	41.6
1976	41.6	41.6	41.6	41.6	41.6	41.4	41.6	41.3	42.0	41.6	41.6	41.7
1977	41.5	41.7	41.7	41.8	41.8	41.9	41.9	41.8	41.8	41.7	41.6	41.7
1978	41.5	41.6	42.0	42.0	41.9	42.0	41.8	42.0	42.0	42.0	42.0	41.8
1979	41.9	41.9	41.9	41.8	41.9	41.8	41.9	42.0	41.8	41.7	41.9	41.7
1980	41.9	41.7	41.7	41.6	41.4	41.2	40.9	41.1	41.3	41.5	41.7	41.6
1981	41.7	41.6	41.6	41.6	41.6	41.7	41.7	41.7	42.2	41.5	41.2	41.3
1982	41.0	41.2										

SIC 29—PETROLEUM AND COAL PRODUCTS

1974	42.3	42.2	42.3	42.1	42.0	42.2	42.0	42.0	41.9	42.2	41.8	41.8
1975	41.1	41.5	41.3	40.7	41.1	40.9	41.0	40.8	41.2	41.3	41.6	41.3
1976	42.1	42.1	41.9	42.0	42.4	42.2	42.1	42.1	42.3	42.0	42.0	42.2
1977	42.3	42.6	42.8	42.9	42.7	42.8	42.6	42.6	42.4	42.6	42.6	43.4
1978	43.3	43.1	43.5	43.4	43.1	43.5	43.8	43.9	43.4	43.6	44.0	43.7
1979	43.7	43.9	44.5	43.9	43.9	43.3	43.5	43.5	43.6	43.3	44.2	43.4

SEASONALLY ADJUSTED

AVERAGE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, SEASONALLY ADJUSTED

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 29—PETROLEUM AND COAL PRODUCTS												
1980	37.1	40.9	40.2	41.1	42.4	42.2	42.1	42.1	42.2	42.8	43.0	43.4
1981	43.7	43.8	43.6	43.9	43.8	43.4	43.1	42.9	43.1	42.2	42.5	42.7
1982	44.3	43.5										
SIC 30—RUBBER AND MISC. PLASTICS PRODUCTS												
1974	41.0	41.1	40.8	39.5	40.7	40.9	40.7	40.8	40.6	40.6	39.9	39.5
1975	39.7	38.8	38.6	39.6	39.9	40.0	40.2	40.3	40.3	40.1	40.2	40.8
1976	41.0	40.8	40.9	39.9	40.0	39.9	40.7	40.4	40.6	41.0	41.2	41.3
1977	41.0	41.3	41.1	41.4	41.4	41.4	40.8	40.9	40.9	40.9	40.8	40.5
1978	40.0	39.5	40.6	41.3	41.0	41.1	41.1	41.1	41.2	41.0	41.1	41.2
1979	41.3	41.2	41.3	39.7	40.6	40.7	40.8	40.1	40.4	40.2	40.0	40.0
1980	40.5	40.0	39.9	40.0	39.1	39.3	39.2	40.1	40.1	40.3	40.6	40.8
1981	40.9	40.2	40.5	40.6	41.1	40.9	40.5	40.5	39.7	39.9	39.6	39.4
1982	37.9	40.0										
SIC 31—LEATHER AND LEATHER PRODUCTS												
1974	37.6	37.7	37.8	36.8	37.3	37.2	36.8	36.8	36.4	36.4	36.4	36.0
1975	35.8	35.2	34.9	36.2	36.5	37.2	37.6	37.8	38.2	38.5	38.3	38.8
1976	38.8	38.5	38.6	37.3	38.1	37.0	37.2	37.1	36.7	36.7	36.6	36.7
1977	35.7	36.9	36.7	37.0	36.9	37.0	36.8	36.9	37.0	37.2	37.5	36.9
1978	36.6	36.2	37.2	38.0	37.4	37.3	37.3	37.2	37.1	37.0	36.9	36.7
1979	37.1	36.2	36.2	35.7	36.1	36.2	36.8	36.5	36.9	36.5	36.7	36.9
1980	37.5	37.1	36.7	37.2	36.6	36.5	36.3	36.4	36.5	36.5	36.2	36.6
1981	37.5	37.0	37.1	36.7	37.0	37.1	36.4	36.7	36.2	36.7	36.5	36.1
1982	34.1	35.6										
WHOLESALE AND RETAIL TRADE												
1974	34.3	34.3	34.3	34.5	34.3	34.2	34.1	34.2	34.2	34.0	34.0	34.0
1975	33.9	33.9	33.9	33.8	34.0	33.9	33.8	34.0	33.8	33.9	33.9	33.9
1976	34.0	33.9	33.7	33.9	33.8	33.7	33.6	33.5	33.5	33.4	33.4	33.4
1977	33.4	33.4	33.4	33.3	33.4	33.2	33.3	33.3	33.2	33.3	33.1	33.1
1978	32.8	32.8	33.0	32.9	32.9	33.0	32.9	32.9	32.8	32.8	32.7	32.8
1979	32.5	32.5	32.7	32.8	32.6	32.7	32.6	32.6	32.6	32.5	32.6	32.6
1980	32.5	32.4	32.3	32.1	32.2	32.0	32.0	32.1	32.1	32.2	32.2	32.2
1981	32.3	32.2	32.2	32.3	32.2	32.1	32.2	32.2	32.1	32.0	32.1	32.0
1982	31.7	32.0										
SIC 50,51—WHOLESALE TRADE												
1974	39.1	39.0	39.0	38.8	39.0	38.9	38.9	38.8	38.9	38.7	38.7	38.6
1975	38.6	38.6	38.6	38.6	38.8	38.7	38.6	38.6	38.7	38.8	38.8	38.8
1976	38.9	38.8	38.6	38.8	38.8	38.7	38.8	38.7	38.7	38.5	38.6	38.6
1977	38.7	38.9	38.8	38.8	38.7	38.8	38.8	38.8	38.8	38.8	38.8	38.8
1978	38.7	38.7	38.8	38.8	38.6	38.9	38.8	38.9	38.9	38.8	38.8	38.8
1979	38.7	38.7	39.0	38.7	39.0	38.9	38.8	38.9	38.8	38.7	38.9	38.8
1980	38.8	38.7	38.5	38.5	38.6	38.1	38.1	38.3	38.5	38.5	38.4	38.6
1981	38.8	38.6	38.6	38.6	38.6	38.5	38.6	38.6	38.5	38.4	38.5	38.4
1982	38.1	38.5										

See footnotes at end of tables.

AVERAGE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, SEASONALLY ADJUSTED

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 52-59—RETAIL TRADE												
1974	32.8	32.8	32.8	33.1	32.8	32.7	32.6	32.7	32.7	32.5	32.5	32.5
1975	32.4	32.4	32.4	32.2	32.4	32.4	32.3	32.5	32.3	32.3	32.4	32.3
1976	32.5	32.4	32.2	32.4	32.2	32.1	32.0	31.9	31.9	31.8	31.8	31.8
1977	31.7	31.7	31.7	31.6	31.7	31.5	31.6	31.6	31.5	31.6	31.3	31.1
1978	31.0	30.9	31.2	31.1	31.1	31.1	31.1	31.0	30.9	30.9	30.8	30.9
1979	30.6	30.6	30.7	30.9	30.6	30.7	30.6	30.6	30.6	30.5	30.6	30.6
1980	30.5	30.4	30.3	30.0	30.1	30.1	30.0	30.1	30.1	30.2	30.2	30.1
1981	30.2	30.1	30.2	30.3	30.2	30.0	30.1	30.1	30.1	29.9	30.0	29.9
1982	29.7	29.9										
SERVICES												
1974	33.6	33.7	33.7	33.7	33.6	33.8	33.7	33.6	33.7	33.6	33.5	33.5
1975	33.6	33.6	33.6	33.5	33.5	33.6	33.5	33.6	33.5	33.5	33.6	33.5
1976	33.6	33.6	33.4	33.4	33.4	33.7	33.2	33.2	33.1	33.2	33.1	33.1
1977	33.0	33.1	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.1	33.0	33.0
1978	33.0	32.5	33.0	33.0	32.9	32.9	32.8	32.8	32.8	32.7	32.7	32.5
1979	32.6	32.6	32.7	32.7	32.7	32.7	32.8	32.8	32.8	32.6	32.7	32.8
1980	32.7	32.7	32.6	32.6	32.6	32.6	32.6	32.7	32.7	32.7	32.7	32.6
1981	32.7	32.7	32.7	32.7	32.7	32.5	32.6	32.5	32.5	32.6	32.6	32.6
1982	32.5	32.6										

AVERAGE HOURLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, SEASONALLY ADJUSTED

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
TOTAL PRIVATE[1]												
1974	4.07	4.10	4.12	4.13	4.19	4.24	4.25	4.29	4.33	4.36	4.36	4.40
1975	4.41	4.43	4.45	4.46	4.48	4.51	4.53	4.57	4.60	4.61	4.66	4.67
1976	4.70	4.73	4.75	4.77	4.81	4.84	4.87	4.91	4.94	4.97	5.01	5.04
1977	5.06	5.10	5.13	5.17	5.20	5.23	5.27	5.28	5.32	5.36	5.39	5.41
1978	5.46	5.50	5.53	5.60	5.63	5.67	5.71	5.74	5.78	5.84	5.87	5.91
1979	5.96	6.00	6.03	6.03	6.09	6.14	6.18	6.21	6.26	6.28	6.32	6.38
1980	6.40	6.45	6.51	6.54	6.58	6.63	6.67	6.71	6.75	6.83	6.90	6.94
1981	7.00	7.05	7.10	7.14	7.19	7.23	7.27	7.34	7.37	7.40	7.45	7.46
1982	7.52	7.53										
CONSTRUCTION												
1974	6.55	6.60	6.62	6.65	6.69	6.75	6.76	6.92	7.00	7.00	7.04	7.09
1975	7.13	7.11	7.29	7.26	7.28	7.35	7.36	7.34	7.36	7.33	7.41	7.44
1976	7.44	7.48	7.53	7.59	7.68	7.65	7.73	7.77	7.80	7.86	7.88	7.91
1977	7.99	7.99	8.01	8.03	8.03	8.08	8.07	8.10	8.15	8.20	8.22	8.26
1978	8.32	8.37	8.45	8.48	8.57	8.64	8.66	8.73	8.78	8.81	8.86	8.91
1979	8.95	9.06	9.04	9.13	9.20	9.21	9.29	9.32	9.41	9.40	9.47	9.54
1980	9.42	9.63	9.71	9.78	9.84	9.89	9.95	10.04	10.09	10.18	10.23	10.32
1981	10.40	10.47	10.53	10.57	10.64	10.73	10.82	10.90	10.95	11.06	11.14	11.22
1982	11.52	11.34										

READEX FICHE

SEASONALLY ADJUSTED

AVERAGE HOURLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, SEASONALLY ADJUSTED

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
MANUFACTURING												
1974	4.22	4.24	4.26	4.27	4.36	4.42	4.45	4.50	4.54	4.60	4.61	4.64
1975	4.66	4.70	4.74	4.76	4.78	4.81	4.83	4.87	4.90	4.92	4.96	4.99
1976	5.02	5.06	5.10	5.11	5.16	5.19	5.23	5.28	5.32	5.32	5.38	5.47
1977	5.48	5.48	5.52	5.58	5.61	5.66	5.70	5.73	5.77	5.82	5.85	5.88
1978	5.94	5.98	6.01	6.05	6.09	6.12	6.19	6.22	6.27	6.33	6.39	6.43
1979	6.47	6.53	6.56	6.56	6.65	6.69	6.72	6.75	6.78	6.82	6.87	6.92
1980	6.94	7.00	7.07	7.11	7.16	7.23	7.30	7.36	7.41	7.50	7.60	7.64
1981	7.69	7.75	7.81	7.90	7.94	7.99	8.03	8.09	8.14	8.16	8.20	8.20
1982	8.38	8.34										
TRANSPORTATION AND PUBLIC UTILITIES												
1974	5.20	5.24	5.27	5.31	5.33	5.39	5.43	5.42	5.52	5.59	5.59	5.64
1975	5.65	5.67	5.72	5.73	5.78	5.84	5.86	6.00	6.01	6.07	6.13	6.13
1976	6.20	6.25	6.31	6.34	6.40	6.45	6.48	6.53	6.55	6.58	6.61	6.64
1977	6.70	6.75	6.80	6.89	6.94	6.96	7.04	7.02	7.08	7.17	7.21	7.28
1978	7.34	7.39	7.41	7.49	7.52	7.55	7.56	7.62	7.68	7.73	7.72	7.81
1979	7.89	7.91	7.96	7.90	7.99	8.10	8.19	8.28	8.35	8.38	8.44	8.50
1980	8.53	8.57	8.68	8.72	8.76	8.82	8.89	8.91	8.94	9.14	9.20	9.25
1981	9.31	9.43	9.48	9.55	9.64	9.70	9.68	9.84	9.86	9.89	9.97	10.02
1982	10.09	10.13										
WHOLESALE AND RETAIL TRADE												
1974	3.34	3.36	3.38	3.40	3.45	3.49	3.51	3.53	3.55	3.58	3.59	3.62
1975	3.62	3.66	3.67	3.69	3.71	3.73	3.76	3.77	3.78	3.80	3.83	3.84
1976	3.85	3.87	3.89	3.90	3.93	3.95	3.96	4.00	4.04	4.07	4.10	4.12
1977	4.12	4.16	4.18	4.21	4.24	4.26	4.29	4.31	4.34	4.37	4.40	4.42
1978	4.50	4.51	4.54	4.59	4.61	4.64	4.68	4.72	4.75	4.80	4.83	4.86
1979	4.91	4.93	4.96	4.99	5.01	5.05	5.07	5.10	5.14	5.16	5.20	5.24
1980	5.28	5.31	5.37	5.39	5.42	5.46	5.50	5.53	5.56	5.61	5.67	5.68
1981	5.72	5.78	5.82	5.85	5.86	5.91	5.94	5.98	6.03	6.03	6.06	6.08
1982	6.09	6.10										
SERVICES												
1974	3.60	3.62	3.66	3.68	3.74	3.77	3.76	3.79	3.82	3.84	3.86	3.89
1975	3.89	3.92	3.95	3.94	3.97	4.01	4.03	4.05	4.07	4.09	4.14	4.14
1976	4.16	4.19	4.20	4.24	4.27	4.30	4.31	4.36	4.38	4.41	4.46	4.49
1977	4.51	4.54	4.56	4.58	4.61	4.63	4.66	4.68	4.71	4.75	4.77	4.79
1978	4.84	4.86	4.88	4.93	4.94	4.97	5.01	5.01	5.06	5.11	5.11	5.15
1979	5.19	5.22	5.24	5.27	5.27	5.33	5.37	5.39	5.46	5.47	5.52	5.60
1980	5.59	5.64	5.71	5.73	5.79	5.86	5.87	5.91	5.94	6.00	6.06	6.11
1981	6.14	6.21	6.24	6.28	6.34	6.39	6.42	6.51	6.54	6.58	6.63	6.65
1982	6.71	6.72										

See footnotes at end of tables.

GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS ON TOTAL PRIVATE NONAGRICULTURAL PAYROLLS, IN CURRENT AND 1977 DOLLARS, SEASONALLY ADJUSTED

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
GROSS AVERAGE HOURLY EARNINGS IN CURRENT DOLLARS												
1974	4.07	4.10	4.12	4.13	4.19	4.24	4.25	4.29	4.33	4.36	4.36	4.40
1975	4.41	4.43	4.45	4.46	4.48	4.51	4.53	4.57	4.60	4.61	4.66	4.67
1976	4.70	4.73	4.75	4.77	4.81	4.84	4.87	4.91	4.94	4.97	5.01	5.04
1977	5.06	5.10	5.13	5.17	5.20	5.23	5.27	5.28	5.32	5.36	5.39	5.41
1978	5.46	5.50	5.53	5.60	5.63	5.67	5.71	5.74	5.78	5.84	5.87	5.91
1979	5.96	6.00	6.03	6.03	6.09	6.14	6.18	6.21	6.26	6.28	6.32	6.38
1980	6.40	6.45	6.51	6.54	6.58	6.63	6.67	6.71	6.75	6.83	6.90	6.94
1981	7.00	7.05	7.10	7.14	7.19	7.23	7.27	7.34	7.37	7.40	7.45	7.46
1982	7.52	7.53										
GROSS AVERAGE HOURLY EARNINGS IN 1977 DOLLARS												
1974	5.27	5.24	5.22	5.20	5.22	5.25	5.23	5.21	5.19	5.18	5.13	5.13
1975	5.10	5.10	5.11	5.10	5.11	5.11	5.08	5.11	5.11	5.08	5.10	5.08
1976	5.10	5.12	5.14	5.15	5.17	5.18	5.18	5.20	5.20	5.20	5.22	5.23
1977	5.22	5.21	5.22	5.22	5.23	5.23	5.25	5.24	5.26	5.28	5.27	5.26
1978	5.28	5.29	5.28	5.31	5.30	5.28	5.29	5.29	5.28	5.28	5.27	5.27
1979	5.27	5.24	5.22	5.17	5.17	5.16	5.13	5.11	5.09	5.05	5.03	5.02
1980	4.97	4.94	4.92	4.90	4.88	4.88	4.90	4.89	4.87	4.88	4.87	4.85
1981	4.86	4.85	4.85	4.86	4.86	4.86	4.82	4.83	4.80	4.80	4.81	4.80
1982	4.82	4.82										
GROSS AVERAGE WEEKLY EARNINGS IN CURRENT DOLLARS												
1974	149.37	150.88	151.20	150.33	153.77	155.18	155.55	156.59	158.48	158.70	157.83	158.84
1975	159.20	159.04	159.31	160.11	160.83	162.36	163.08	165.43	166.52	166.88	168.69	169.52
1976	170.61	171.70	171.48	172.20	174.12	175.21	176.29	177.25	177.84	178.92	180.36	181.44
1977	181.15	184.11	184.68	186.12	187.72	188.28	189.72	190.08	191.52	192.96	193.50	194.22
1978	193.83	195.80	198.53	201.60	202.12	203.55	204.99	206.27	206.92	209.07	210.15	211.58
1979	212.77	214.20	215.87	212.86	217.41	219.20	220.63	221.70	223.48	223.57	224.99	227.13
1980	227.84	228.98	229.80	230.86	231.62	232.71	233.45	235.52	238.28	241.10	243.57	244.98
1981	249.20	248.16	250.63	252.76	254.53	254.50	256.63	258.37	257.95	259.74	261.50	261.10
1982	258.69	263.55										
GROSS AVERAGE WEEKLY EARNINGS IN 1977 DOLLARS												
1974	193.48	192.94	191.63	189.33	191.73	192.05	191.33	190.04	190.02	188.48	185.68	185.13
1975	184.26	183.23	182.90	183.19	183.39	184.08	183.03	185.04	185.02	183.99	184.76	184.46
1976	185.24	186.02	185.58	185.96	187.23	187.59	187.54	187.57	187.20	187.15	187.88	188.22
1977	186.75	188.25	187.87	188.00	188.85	188.28	189.15	188.76	189.25	189.92	189.15	188.93
1978	187.28	188.27	185.62	191.09	190.14	189.70	189.81	189.75	188.97	189.03	188.64	188.74
1979	187.96	187.24	186.90	182.56	184.40	184.05	183.10	182.32	181.54	179.72	178.99	178.70
1980	176.76	175.33	173.70	172.80	171.95	171.11	171.53	171.79	171.92	172.09	171.89	171.19
1981	172.94	170.56	171.31	172.18	171.98	170.72	170.18	170.09	168.05	168.44	168.82	167.91
1982	165.93	168.62										

AVERAGE WEEKLY OVERTIME HOURS OF PRODUCTION WORKERS ON MANUFACTURING PAYROLLS, SEASONALLY ADJUSTED

MANUFACTURING

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1974	3.6	3.5	3.5	2.8	3.5	3.4	3.4	3.3	3.2	3.2	2.8	2.7
1975	2.5	2.4	2.4	2.4	2.3	2.5	2.6	2.8	2.8	2.8	2.9	3.0
1976	3.1	3.1	3.2	2.6	3.3	3.2	3.2	3.1	3.2	3.1	3.2	3.2
1977	3.3	3.2	3.1	3.6	3.5	3.5	3.5	3.5	3.5	3.5	3.6	3.5
1978	3.4	3.6	3.6	3.9	3.5	3.6	3.7	3.5	3.6	3.6	3.6	3.6
1979	3.6	3.6	3.7	2.9	3.4	3.4	3.4	3.3	3.3	3.2	3.2	3.1
1980	3.1	2.9	3.1	3.0	2.6	2.4	2.5	2.7	2.8	2.8	3.0	3.0
1981	3.0	2.8	2.8	3.0	3.1	3.0	3.0	3.0	2.7	2.7	2.5	2.4
1982	2.3	2.4										

SIC 24,25,32-39—DURABLE GOODS

1974	3.6	3.7	3.7	2.8	3.7	3.5	3.5	3.5	3.4	3.4	3.0	2.8
1975	2.6	2.5	2.4	2.4	2.2	2.4	2.5	2.6	2.7	2.7	2.7	2.9
1976	3.0	3.1	3.2	2.5	3.4	3.3	3.3	3.3	3.3	3.2	3.3	3.4
1977	3.4	3.4	3.4	3.6	3.7	3.7	3.7	3.7	3.7	3.6	3.6	3.7
1978	3.6	3.6	3.7	4.1	3.7	3.6	3.6	3.7	3.9	3.9	3.9	3.9
1979	4.0	4.0	3.9	2.9	3.7	3.6	3.6	3.5	3.4	3.3	3.2	3.1
1980	3.2	3.0	3.1	3.0	2.6	2.4	2.4	2.7	2.8	2.8	3.0	3.0
1981	3.0	2.8	2.8	3.0	3.1	3.0	3.0	3.0	2.7	2.6	2.4	2.3
1982	2.2	2.2										

SIC 20-23,26-31—NONDURABLE GOODS

1974	3.4	3.3	3.3	2.8	3.2	3.2	3.2	3.1	2.9	2.8	2.6	2.5
1975	2.4	2.3	2.3	2.4	2.5	2.6	2.6	3.0	3.0	3.0	3.1	3.1
1976	3.2	3.2	3.2	2.6	3.1	3.1	3.0	2.9	3.0	3.0	3.0	3.0
1977	3.1	3.1	3.2	3.3	3.2	3.2	3.1	3.1	3.1	3.1	3.2	3.2
1978	3.2	3.3	3.3	3.5	3.2	3.2	3.3	3.2	3.2	3.2	3.2	3.2
1979	3.1	3.1	3.3	2.8	3.0	3.0	3.1	3.1	3.1	3.0	3.1	3.0
1980	3.0	2.8	3.1	3.0	2.6	2.5	2.7	2.9	2.8	2.8	2.9	2.9
1981	3.0	2.9	2.9	2.9	3.0	2.9	2.9	2.9	2.8	2.8	2.7	2.6
1982	2.5	2.6										

INDEXES OF AGGREGATE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, SEASONALLY ADJUSTED, 1977 = 100

TOTAL PRIVATE

1974	97.7	98.0	97.7	97.0	97.9	97.8	97.6	97.5	97.3	97.0	95.5	94.2
1975	93.5	92.0	91.1	91.1	91.4	91.5	91.9	93.0	93.2	93.6	93.9	94.5
1976	95.3	95.7	95.5	95.9	96.2	96.2	96.6	96.4	96.4	96.5	96.7	97.0
1977	96.7	98.0	98.5	99.2	99.7	100.1	100.4	100.5	101.1	101.5	101.8	101.9
1978	101.1	101.7	103.3	104.7	104.6	105.4	105.6	105.8	106.0	106.3	106.9	107.3
1979	107.3	107.5	108.5	106.9	108.4	108.8	108.7	108.6	108.8	108.6	108.8	109.0
1980	105.3	108.9	108.3	107.4	106.6	105.8	105.2	106.0	106.6	106.9	107.4	107.6
1981	108.7	107.6	108.1	108.4	108.5	108.2	108.8	108.5	107.8	107.7	107.3	106.3
1982	104.3	106.2										

See footnotes at end of tables

INDEXES OF AGGREGATE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, SEASONALLY ADJUSTED, 1977 = 100

GOODS-PRODUCING

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1974	106.2	106.7	105.7	102.8	105.0	104.5	103.9	103.4	102.7	101.8	98.4	95.6
1975	93.8	90.0	88.0	88.5	88.6	88.4	88.7	90.5	91.7	92.0	92.3	93.8
1976	94.7	95.0	94.8	94.7	95.8	95.9	96.2	95.4	95.7	95.8	96.1	95.9
1977	95.0	97.7	98.4	99.7	100.2	100.9	100.8	100.5	101.2	101.5	101.9	101.3
1978	99.5	100.7	103.0	106.0	105.3	106.4	106.9	106.7	107.0	107.5	108.3	108.9
1979	109.0	108.8	110.0	106.1	109.3	109.6	109.5	108.6	108.7	108.2	107.4	107.8
1980	108.6	107.2	105.5	103.9	101.4	99.8	98.0	99.3	100.3	100.6	101.6	102.0
1981	104.0	101.0	102.0	102.1	102.3	102.1	102.6	102.0	99.8	99.7	98.4	96.3
1982	91.4	95.6										

MINING

1974	81.2	82.6	82.3	83.8	88.7	84.4	84.5	85.2	85.8	87.2	72.7	79.4
1975	86.4	87.0	86.1	84.9	90.1	89.7	89.3	89.2	90.5	92.6	90.2	90.9
1976	92.5	91.8	92.6	91.3	91.6	93.1	94.8	96.2	97.0	96.9	97.3	97.3
1977	96.7	97.9	100.1	102.3	101.6	104.0	102.9	98.5	103.8	104.8	105.8	80.8
1978	79.6	81.2	84.0	108.3	108.3	109.5	109.9	110.4	110.0	110.9	112.4	112.4
1979	112.5	113.2	113.8	113.1	113.7	114.3	112.5	117.0	117.3	117.9	116.2	119.2
1980	121.4	121.2	121.2	121.2	122.3	123.5	118.0	120.0	122.2	123.1	126.6	130.4
1981	134.0	132.7	131.7	126.4	118.2	131.7	140.4	142.9	142.7	143.9	145.0	145.5
1982	141.6	143.7										

CONSTRUCTION

1974	113.0	118.9	115.3	111.1	111.6	110.3	107.2	107.2	107.1	105.8	103.8	102.8
1975	104.1	99.9	89.1	90.3	91.4	88.8	89.6	92.1	92.8	91.6	90.2	93.4
1976	92.5	93.1	90.8	93.7	93.5	94.8	95.1	95.0	93.0	96.7	93.9	93.5
1977	88.8	97.1	97.5	100.0	100.9	100.4	101.2	100.5	101.2	101.7	102.7	102.7
1978	97.3	100.3	105.5	111.9	110.5	114.5	115.8	115.6	115.2	116.3	116.0	116.8
1979	114.7	114.7	120.6	114.1	120.5	121.1	120.8	122.2	121.7	119.8	120.0	121.4
1980	124.6	122.1	115.0	114.4	114.0	114.0	111.5	111.4	113.8	113.3	113.4	112.9
1981	118.5	109.3	112.8	113.0	110.5	107.6	108.8	107.4	102.4	106.1	106.9	104.2
1982	96.8	102.9										

MANUFACTURING

1974	106.1	105.4	105.0	102.1	104.7	104.4	104.2	103.5	102.7	101.8	98.6	95.0
1975	92.1	89.0	87.8	88.4	88.0	88.2	88.5	90.3	91.5	92.1	92.3	93.9
1976	95.3	95.5	95.7	95.0	96.4	96.2	96.5	96.0	96.1	95.6	96.5	96.3
1977	96.1	97.8	98.5	99.6	100.1	100.9	100.7	100.6	101.0	101.3	101.5	102.0
1978	100.8	101.7	103.4	104.7	104.1	104.7	105.0	104.8	105.3	105.6	106.6	107.1
1979	107.8	107.4	107.8	104.2	107.0	107.1	107.1	105.5	105.8	105.4	104.5	104.7
1980	104.9	103.6	102.9	101.1	98.0	95.9	94.4	96.0	96.6	97.1	98.2	98.6
1981	99.8	97.9	98.6	99.4	100.0	99.6	99.7	99.0	97.3	96.4	94.6	92.5
1982	88.0	91.9										

SIC 24,25,32-39—DURABLE GOODS

1974	106.3	105.5	105.3	102.3	105.2	105.2	105.1	104.2	103.7	103.2	99.6	95.8
1975	92.7	89.1	87.7	87.9	86.6	86.3	86.1	87.6	88.8	89.0	89.1	90.8
1976	92.3	92.9	93.3	92.9	95.2	95.3	95.6	95.4	95.0	94.2	95.6	95.3
1977	95.2	96.7	97.9	99.0	99.8	100.8	101.0	100.9	101.6	101.9	102.2	102.9
1978	101.7	102.6	104.4	106.1	105.5	106.3	107.1	106.7	107.7	108.4	109.4	110.3
1979	110.8	111.0	111.3	106.7	110.3	110.4	110.4	108.1	108.7	108.0	106.5	106.9

INDEXES OF AGGREGATE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, SEASONALLY ADJUSTED, 1977 = 100

SIC 24,25,32-39—DURABLE GOODS

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1980	106.6	105.9	105.2	102.2	98.0	95.7	94.0	95.4	96.4	97.0	98.7	99.0
1981	100.0	98.0	99.2	100.2	100.8	100.3	100.3	99.6	97.4	96.4	94.0	91.4
1982	87.3	90.6										

SIC 24—LUMBER AND WOOD PRODUCTS

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1974	104.3	104.4	105.3	103.5	103.6	101.0	99.6	96.7	93.3	88.1	83.9	80.5
1975	78.3	76.6	75.7	77.4	79.2	81.3	81.3	83.6	85.1	85.7	85.3	87.4
1976	92.2	91.7	90.4	91.7	92.4	92.8	94.3	94.7	94.4	95.5	95.6	96.1
1977	95.8	97.6	97.5	99.0	99.1	99.1	99.5	100.0	102.1	102.4	103.5	103.8
1978	103.0	103.3	104.4	106.5	104.7	106.2	105.3	103.9	103.2	104.8	105.6	106.5
1979	106.8	105.7	107.4	105.4	106.5	106.3	105.4	105.0	105.0	104.9	101.6	100.3
1980	101.3	99.9	97.3	88.5	83.9	83.9	85.3	88.0	89.4	89.5	91.4	92.1
1981	94.2	90.6	90.6	92.4	93.6	90.6	89.8	87.3	84.1	81.8	79.2	77.2
1982	70.9	77.5										

SIC 25—FURNITURE AND FIXTURES

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1974	112.2	110.3	109.7	108.1	109.5	109.5	107.8	106.8	104.4	101.3	94.6	90.3
1975	84.2	80.1	79.1	81.0	82.7	82.9	84.4	87.8	90.5	91.1	92.6	93.8
1976	94.9	95.5	95.2	95.3	95.6	94.3	97.5	94.0	94.0	93.3	94.3	94.3
1977	93.8	95.1	96.6	97.4	98.9	100.5	101.3	101.5	102.0	103.4	103.9	104.9
1978	104.1	107.1	107.9	108.7	108.1	108.4	107.9	107.3	106.8	106.8	107.3	107.5
1979	109.7	106.4	106.7	103.0	104.9	104.9	105.7	105.1	104.6	104.6	104.9	104.4
1980	106.5	103.3	102.0	100.5	94.6	91.1	87.9	90.3	93.3	93.1	93.6	95.1
1981	97.8	96.1	96.1	97.6	99.4	99.7	99.7	98.7	95.6	95.9	93.1	92.6
1982	80.9	90.0										

SIC 32—STONE, CLAY, AND GLASS PRODUCTS

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1974	110.9	111.3	110.6	108.0	108.3	107.6	108.0	106.7	105.2	103.9	101.8	98.6
1975	96.0	92.6	89.5	89.9	89.9	89.5	90.0	91.8	92.7	92.5	92.7	93.2
1976	95.2	95.5	94.0	95.8	96.5	96.3	96.4	95.9	96.3	96.5	96.5	96.2
1977	95.3	95.2	97.9	100.4	100.5	101.2	101.4	101.4	100.5	99.9	102.1	102.6
1978	100.7	102.3	103.8	105.6	104.7	105.5	105.9	105.3	105.3	105.7	106.0	106.8
1979	106.4	106.3	107.8	105.1	106.7	106.9	105.8	105.4	104.6	104.3	103.1	103.3
1980	103.3	102.6	100.7	97.0	94.0	91.7	90.0	90.9	92.4	92.8	93.6	93.6
1981	94.4	91.9	91.8	93.1	92.6	92.0	92.0	91.8	90.1	88.2	86.6	83.9
1982	79.3	82.4										

SIC 33—PRIMARY METAL INDUSTRIES

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1974	114.3	113.0	112.6	112.1	112.4	113.2	113.0	113.3	114.5	114.3	111.6	107.5
1975	104.1	99.9	96.8	93.6	90.9	89.3	88.6	89.6	91.2	90.2	90.6	92.3
1976	92.5	93.0	94.0	96.0	98.1	100.2	102.0	101.8	100.5	96.8	95.8	95.0
1977	95.0	95.9	99.0	100.7	102.1	102.6	101.5	100.1	100.6	101.1	100.4	100.9
1978	100.9	101.7	101.4	102.2	103.9	104.7	105.7	106.1	106.6	107.7	108.7	109.7
1979	109.8	109.6	109.2	109.3	108.7	109.4	109.8	107.0	105.9	105.0	102.9	101.6
1980	101.6	101.3	101.0	99.3	92.0	86.6	82.7	84.0	86.1	88.5	91.9	94.2
1981	94.2	93.2	94.4	95.1	94.6	94.1	93.3	93.4	92.3	88.6	85.4	81.9
1982	78.5	79.7										

See footnotes at end of tables.

SEASONALLY ADJUSTED

INDEXES OF AGGREGATE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, SEASONALLY ADJUSTED, 1977 = 100

SIC 34—FABRICATED METAL PRODUCTS

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1974	107.8	107.4	106.9	102.6	106.2	105.9	106.2	105.4	104.7	103.7	100.6	97.4
1975	92.8	90.3	88.4	89.0	87.3	87.0	84.8	88.2	89.7	89.7	89.9	90.7
1976	91.9	93.2	93.5	92.4	95.4	95.3	95.9	95.7	96.3	94.8	95.7	95.6
1977	94.9	96.7	97.9	98.5	99.3	100.9	100.9	101.6	101.6	102.2	102.6	103.1
1978	101.8	103.6	105.1	107.2	106.6	105.8	106.6	106.2	107.2	107.1	106.4	106.2
1979	109.3	110.0	109.6	104.4	108.5	109.2	108.9	106.8	107.2	107.1	106.4	106.2
1980	105.5	105.1	104.7	102.3	96.7	94.3	91.9	93.9	95.3	95.9	97.1	97.1
1981	97.7	96.5	97.6	98.4	99.2	98.4	98.7	97.8	95.4	94.2	91.6	89.3
1982	85.1	88.1										

SIC 35—MACHINERY, EXCEPT ELECTRICAL

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1974	106.2	105.8	106.8	102.0	106.4	107.3	105.6	106.7	106.8	107.4	105.2	103.0
1975	100.6	98.0	95.7	95.5	91.9	90.3	88.8	89.7	90.4	90.3	89.8	90.0
1976	91.2	91.5	91.8	91.0	93.6	93.7	94.5	95.0	95.2	93.8	95.4	94.9
1977	94.7	96.3	96.9	97.3	99.0	99.8	100.7	101.8	102.5	102.9	103.5	104.2
1978	102.6	104.6	106.4	107.7	106.9	109.0	109.3	109.3	110.2	111.8	112.7	114.6
1979	114.7	116.3	116.5	112.1	116.4	117.3	118.0	116.5	117.3	114.6	113.8	113.5
1980	117.3	116.1	115.7	114.4	113.0	109.9	108.0	107.5	108.1	108.2	109.0	109.1
1981	110.2	108.5	109.5	109.7	111.4	111.1	111.7	111.9	109.6	110.4	108.7	106.2
1982	101.6	104.4										

SIC 36—ELECTRIC AND ELECTRONIC EQUIPMENT

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1974	110.6	109.8	109.1	105.5	108.4	108.3	108.0	103.6	104.4	103.3	98.8	94.3
1975	91.4	86.5	85.8	85.1	83.7	83.7	84.4	85.7	86.6	87.9	87.5	90.1
1976	90.8	91.5	92.6	91.8	94.2	93.8	93.5	93.9	93.2	94.2	94.9	94.7
1977	93.6	97.1	97.2	98.5	99.7	100.7	100.6	101.7	102.0	102.5	102.8	103.6
1978	101.6	102.5	105.2	105.7	105.5	106.1	107.9	107.9	108.0	108.7	109.4	110.1
1979	111.1	111.8	112.9	108.8	112.7	113.6	113.4	110.2	112.9	112.7	112.5	112.9
1980	112.9	111.7	111.2	110.1	105.8	102.7	100.9	102.0	102.7	102.9	104.5	104.8
1981	105.6	103.8	105.5	106.1	107.1	106.8	107.8	107.6	105.7	104.9	101.5	99.6
1982	97.2	100.4										

SIC 37—TRANSPORTATION EQUIPMENT

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1974	95.1	92.3	90.7	89.0	94.5	94.1	96.7	96.8	96.1	98.9	94.0	97.9
1975	84.8	80.3	81.5	83.6	83.0	83.9	84.8	85.0	85.8	85.7	86.4	90.5
1976	92.4	93.6	94.9	92.7	95.6	95.7	93.2	92.4	90.6	90.0	95.9	94.4
1977	96.5	95.7	98.2	100.1	99.9	101.8	102.5	100.2	102.0	101.6	100.7	102.0
1978	100.7	99.3	102.9	106.0	104.7	105.2	107.1	105.8	109.4	110.2	112.1	112.7
1979	113.7	113.3	113.0	102.3	110.2	108.2	107.9	102.5	103.8	103.3	99.6	103.3
1980	96.5	97.4	97.1	90.6	85.8	86.2	85.8	89.1	89.2	90.2	93.7	92.7
1981	93.5	89.7	92.9	95.3	94.9	94.7	93.4	91.6	88.2	87.6	85.4	80.7
1982	78.3	81.8										

SIC 38—INSTRUMENTS AND RELATED PRODUCTS

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1974	98.3	99.1	99.7	97.8	99.2	99.8	98.3	99.8	99.0	97.5	95.6	93.3
1975	91.1	87.6	85.6	85.0	83.7	83.2	83.8	84.1	85.3	86.2	87.3	88.1
1976	89.3	89.6	90.6	90.7	93.9	93.7	94.7	94.3	94.1	94.8	95.3	96.6
1977	96.2	99.4	98.7	99.2	100.0	100.2	100.0	100.0	100.8	101.6	101.4	102.1
1978	101.7	102.7	104.8	106.3	105.9	107.2	108.0	109.1	109.6	109.6	110.4	110.9
1979	112.0	112.8	113.1	111.2	112.8	112.8	113.1	112.8	112.8	113.1	113.1	113.3

INDEXES OF AGGREGATE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, SEASONALLY ADJUSTED, 1977 = 100

SIC 38—INSTRUMENTS AND RELATED PRODUCTS

Year		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1980		115.3	114.1	114.1	114.1	112.8	112.0	110.9	111.1	111.1	111.7	112.8	113.3
1981		115.0	113.3	113.3	112.7	113.6	113.6	114.6	114.7	114.1	113.0	111.7	110.6
1982		107.3	109.3										

SIC 39—MISCELLANEOUS MANUFACTURING INDUSTRIES

1974		107.7	108.1	109.3	105.1	108.7	108.7	109.0	107.5	104.6	103.2	99.2	95.9
1975		93.4	90.2	87.8	88.8	88.6	89.3	91.8	92.5	95.0	95.2	95.3	96.9
1976		98.1	98.2	98.3	96.5	99.7	98.9	99.4	98.1	98.5	98.1	98.3	98.9
1977		97.7	101.7	100.6	100.7	100.7	100.3	99.0	99.0	99.5	99.5	100.4	101.1
1978		99.8	100.6	102.8	104.2	103.7	103.7	103.1	103.3	103.7	104.0	104.3	102.5
1979		103.8	102.2	102.1	98.2	100.5	101.9	102.1	102.5	101.6	101.3	100.4	100.7
1980		101.9	99.1	98.1	97.2	93.8	90.6	90.3	90.2	90.3	89.0	89.2	89.7
1981		91.7	89.8	90.3	90.8	91.6	91.3	93.7	91.4	90.5	91.1	91.0	89.3
1982		84.8	86.8										

SIC 20-23,26-31—NONDURABLE GOODS

1974		105.7	105.3	104.5	101.9	103.9	103.1	102.8	102.5	101.2	99.7	97.1	93.7
1975		91.3	88.8	88.0	89.1	90.1	91.0	92.1	94.2	95.6	96.6	97.1	98.4
1976		99.7	99.5	99.3	98.1	98.3	97.5	97.9	96.8	97.9	97.7	97.7	97.9
1977		97.5	99.5	99.4	100.3	100.4	100.9	100.2	100.1	100.1	100.3	100.5	100.7
1978		99.5	100.3	101.9	102.7	101.9	102.2	101.9	101.9	101.7	101.4	102.4	102.5
1979		103.2	102.2	102.7	100.4	102.1	102.2	102.3	101.7	101.6	101.5	101.4	101.4
1980		102.4	100.2	99.6	99.4	97.9	96.4	95.1	96.8	96.9	97.2	97.4	97.9
1981		98.4	97.8	97.6	98.1	98.9	98.6	98.6	98.1	97.2	96.5	95.4	94.1
1982		85.0	93.8										

SIC 20—FOOD AND KINDRED PRODUCTS

1974		104.2	103.4	103.4	100.6	102.7	101.5	100.3	101.3	101.0	100.3	99.1	97.8
1975		96.2	95.1	95.7	95.7	95.6	95.9	96.6	98.9	99.2	98.9	98.8	99.3
1976		100.4	100.1	98.3	98.7	99.9	99.6	100.5	100.4	100.2	100.0	99.5	98.9
1977		98.4	100.8	100.2	101.3	100.2	101.0	100.0	100.0	100.0	98.5	99.7	99.5
1978		99.0	100.3	101.2	101.8	100.1	100.1	100.3	99.7	99.6	99.9	101.3	102.2
1979		102.1	101.4	102.9	101.8	101.9	102.4	101.8	101.8	102.6	102.4	102.4	102.6
1980		102.1	101.1	100.4	99.7	100.3	99.2	100.0	102.2	101.0	100.1	99.8	99.5
1981		101.2	99.8	98.4	99.9	99.5	98.2	98.2	96.7	96.3	97.2	97.3	97.7
1982		95.6	98.9										

SIC 21—TOBACCO MANUFACTURES

1974		119.3	117.8	113.3	115.7	116.3	107.7	115.4	113.0	114.2	113.6	105.7	107.4
1975		110.7	108.3	108.5	106.5	102.9	107.7	108.0	111.8	113.6	112.4	118.1	113.9
1976		113.0	110.3	108.9	109.2	112.7	110.3	107.5	111.0	109.7	112.7	113.3	110.1
1977		102.3	110.9	99.7	102.8	99.1	99.9	99.1	97.4	97.6	97.6	96.3	98.1
1978		98.1	99.4	101.4	99.9	99.1	103.0	97.4	96.3	98.1	97.5	99.3	102.1
1979		98.0	94.7	101.4	99.9	101.7	99.6	97.8	98.9	101.4	98.6	87.6	94.8
1980		95.0	93.1	93.8	96.8	95.8	94.9	95.1	89.9	91.8	97.8	99.4	93.8
1981		100.1	97.1	96.6	96.1	97.6	97.1	101.7	104.8	98.3	96.1	94.6	92.1
1982		93.6	94.6										

See footnotes at end of tables.

SEASONALLY ADJUSTED

INDEXES OF AGGREGATE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, SEASONALLY ADJUSTED, 1977 = 100

SIC 22—TEXTILE MILL PRODUCTS

Year		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1974		112.5	111.1	110.0	106.0	108.3	108.0	107.4	104.9	102.8	97.9	93.7	87.4
1975		83.1	80.6	81.9	85.7	89.3	90.7	93.2	96.6	99.6	101.8	102.2	103.2
1976		105.0	104.2	103.2	99.6	102.3	101.1	101.1	98.6	97.3	97.3	96.9	98.4
1977		98.7	99.5	100.4	100.7	100.4	100.3	100.7	99.7	99.4	100.0	100.4	99.8
1978		99.3	99.4	99.8	100.1	99.3	99.0	99.1	99.0	98.9	98.2	98.2	98.0
1979		99.9	97.4	97.5	94.0	96.8	97.6	97.4	96.6	97.1	97.1	97.7	97.7
1980		100.8	97.8	97.2	95.8	92.7	88.7	86.5	88.9	89.6	89.4	90.0	90.3
1981		92.6	89.5	89.0	89.4	90.2	90.1	90.8	89.3	87.0	85.8	83.9	80.7
1982		67.7	79.9										

SIC 23—APPAREL AND OTHER TEXTILE PRODUCTS

1974		108.2	108.6	106.5	102.9	106.1	102.8	104.3	103.6	102.1	100.8	97.1	91.8
1975		89.2	86.5	85.2	87.9	89.2	91.4	93.3	95.4	98.1	100.1	101.0	103.5
1976		105.6	104.5	104.8	102.1	103.5	102.3	101.7	99.5	98.2	98.0	98.2	98.0
1977		97.5	100.3	99.6	99.0	100.1	100.9	99.2	100.1	99.7	101.0	101.2	101.8
1978		98.1	100.4	102.1	103.4	102.4	102.0	100.8	101.8	102.0	100.5	101.8	101.1
1979		103.1	99.9	99.5	96.3	98.6	98.1	98.2	97.0	96.2	96.8	96.1	96.6
1980		100.6	98.2	97.2	96.7	95.0	94.4	92.8	93.5	93.5	93.6	93.0	94.0
1981		96.8	93.7	94.2	93.7	95.2	95.3	95.3	95.3	93.4	93.3	92.7	90.5
1982		79.6	90.0										

SIC 26—PAPER AND ALLIED PRODUCTS

1974		107.2	106.7	106.5	104.2	105.9	105.6	105.1	104.2	102.7	100.5	97.9	95.1
1975		92.1	88.8	86.6	85.9	86.4	87.3	88.2	90.7	91.2	93.0	93.7	95.6
1976		96.3	97.1	97.3	96.0	98.0	97.7	97.8	97.4	97.5	97.3	97.7	97.6
1977		97.0	98.8	99.0	101.0	100.9	101.3	100.2	100.4	100.8	100.4	100.0	100.8
1978		99.4	99.6	102.1	102.1	102.6	103.0	103.0	100.8	100.8	100.0	101.5	101.3
1979		101.3	102.1	102.6	100.7	102.6	103.2	103.8	103.9	102.9	103.4	103.0	103.2
1980		103.2	103.0	102.5	101.6	98.6	97.0	95.7	96.8	97.6	98.2	99.1	100.2
1981		100.0	99.3	99.3	99.5	100.2	100.0	100.1	99.5	101.6	98.3	96.6	95.2
1982		93.7	95.4										

SIC 27—PRINTING AND PUBLISHING

1974		103.6	103.8	102.7	101.2	103.0	102.7	101.9	102.5	100.6	99.9	98.5	97.9
1975		97.7	96.2	95.0	93.9	93.6	93.3	92.9	94.1	94.2	94.1	94.4	95.3
1976		95.4	94.4	95.0	95.2	95.8	95.8	96.7	96.1	96.8	96.5	96.8	97.2
1977		96.8	98.3	98.3	99.3	99.8	100.3	100.2	100.3	101.3	102.0	101.5	101.8
1978		101.4	101.7	103.7	103.9	103.3	104.0	104.3	104.0	103.2	104.1	105.4	105.7
1979		106.2	106.7	107.2	105.3	107.1	107.1	107.8	108.3	108.0	107.9	108.9	107.9
1980		109.5	108.0	107.3	106.8	106.2	105.7	105.2	105.5	105.4	105.8	105.2	107.0
1981		107.6	106.4	105.9	106.5	106.9	106.9	106.8	107.0	106.7	106.8	106.5	106.5
1982		105.8	107.2										

SIC 28—CHEMICALS AND ALLIED PRODUCTS

1974		101.3	101.0	101.0	100.6	100.6	101.5	101.6	101.9	101.6	101.4	99.5	96.3
1975		94.1	92.6	91.0	90.1	90.9	91.0	91.1	91.9	92.8	93.8	94.3	95.1
1976		95.9	96.8	97.2	97.4	96.9	96.0	97.1	97.0	98.2	97.4	97.7	98.1
1977		98.0	99.1	99.6	100.3	100.5	100.5	100.7	100.5	100.5	100.1	100.0	100.6
1978		100.2	100.8	101.9	102.1	102.5	102.7	102.4	102.7	102.7	102.7	103.1	102.9
1979		103.2	103.0	102.8	102.6	102.7	103.2	103.3	103.4	102.9	103.2	103.6	103.3

INDEXES OF AGGREGATE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, SEASONALLY ADJUSTED, 1977 = 100

SIC 28—CHEMICALS AND ALLIED PRODUCTS

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1980	104.0	103.0	102.8	102.9	101.4	100.0	98.0	98.5	99.3	99.9	100.9	100.8
1981	101.4	101.4	101.6	101.8	101.9	102.3	102.2	102.2	103.2	100.9	99.5	98.9
1982	97.6	97.6										

SIC 29—PETROLEUM AND COAL PRODUCTS

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1974	95.9	94.6	95.8	94.6	95.8	96.3	95.1	93.6	92.6	94.0	94.6	93.1
1975	85.7	85.6	89.1	86.3	89.4	88.9	91.4	91.6	92.5	92.8	94.2	93.5
1976	95.8	95.8	96.3	97.3	96.7	95.5	95.3	95.3	95.8	95.1	95.8	96.3
1977	95.6	94.9	96.9	100.2	100.5	100.7	101.0	101.0	101.3	101.7	101.7	103.7
1978	104.2	104.5	105.5	105.2	103.7	104.7	105.4	106.4	104.4	105.7	106.7	106.7
1979	105.9	107.2	108.7	107.2	107.2	105.7	106.2	106.2	106.5	105.7	107.9	106.8
1980	91.3	86.3	83.1	79.9	99.0	99.3	100.6	100.6	101.6	103.0	103.5	104.4
1981	105.9	107.0	106.5	107.2	107.7	105.2	104.5	102.5	102.9	100.1	100.0	99.7
1982	98.7	95.1										

SIC 30—RUBBER AND MISC. PLASTICS PRODUCTS

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1974	99.2	100.0	98.2	94.7	97.9	99.5	98.5	98.7	97.2	95.7	91.0	86.6
1975	84.8	77.6	75.0	77.5	78.4	78.6	79.4	81.7	83.4	84.2	84.4	86.6
1976	88.1	88.7	90.6	89.6	79.5	79.1	80.0	79.4	92.9	93.6	94.3	95.2
1977	95.3	97.2	99.2	100.5	101.8	102.3	101.6	100.6	100.7	100.9	100.9	101.0
1978	99.9	99.2	103.0	105.7	105.5	107.0	107.0	107.2	107.2	107.1	108.2	109.6
1979	110.0	110.3	111.1	106.8	110.7	110.0	111.7	108.1	106.9	106.0	104.8	103.8
1980	104.7	102.7	103.2	102.0	94.6	92.3	89.7	93.9	94.9	97.0	98.2	99.4
1981	99.5	98.1	99.6	101.2	103.6	103.6	103.3	103.6	100.6	99.0	96.3	94.3
1982	90.0	94.0										

SIC 31—LEATHER AND LEATHER PRODUCTS

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1974	111.9	111.7	112.5	109.2	109.2	108.4	106.8	106.3	103.4	101.1	101.1	97.3
1975	93.2	89.1	86.6	90.2	92.8	96.4	99.8	100.8	103.3	106.5	107.4	109.7
1976	111.6	111.3	111.5	108.2	110.1	105.5	107.0	103.1	101.0	99.2	98.5	96.8
1977	97.0	100.2	99.7	100.5	100.7	100.0	98.6	98.8	98.2	101.0	102.3	100.7
1978	99.4	98.8	102.0	104.6	102.5	103.2	101.3	102.4	101.7	101.0	100.2	99.2
1979	99.9	96.1	96.1	93.9	95.4	96.1	91.7	93.7	94.3	92.8	92.9	92.9
1980	93.9	92.9	91.5	92.3	89.4	88.3	83.7	88.5	88.7	88.3	87.5	88.5
1981	90.7	90.4	90.6	89.7	90.9	91.1	91.2	91.0	89.3	90.1	88.3	85.1
1982	79.1	79.5										

PRIVATE SERVICE-PRODUCING*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1974	93.0	93.3	92.3	93.8	93.9	94.2	94.2	94.4	94.3	93.9	93.5	
1975	93.3	93.1	92.9	92.6	92.9	93.3	93.7	94.4	94.1	94.5	94.7	94.9
1976	95.6	95.1	95.8	96.5	96.5	96.4	96.8	96.9	96.9	96.9	97.0	97.5
1977	97.6	98.1	98.5	98.8	99.4	99.7	100.2	100.6	101.1	101.6	101.8	102.2
1978	102.0	102.3	103.4	104.0	104.2	104.8	104.9	105.3	105.4	105.7	106.1	106.4
1979	106.4	106.6	107.6	107.3	107.8	108.4	108.3	108.6	108.9	108.9	109.6	109.7
1980	109.7	109.6	109.8	109.3	109.4	109.2	109.2	109.7	110.1	110.4	110.6	110.7
1981	111.3	111.2	111.4	111.9	111.9	111.6	112.1	112.1	112.2	112.1	112.2	111.8
1982	111.4	112.1										

See footnotes at end of tables.

INDEXES OF AGGREGATE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, SEASONALLY ADJUSTED, 1977 = 100

TRANSPORTATION AND PUBLIC UTILITIES

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1974	103.6	102.7	102.1	103.8	103.8	103.3	103.6	103.0	102.2	102.4	100.7	100.1
1975	99.3	97.7	96.4	95.9	95.3	96.3	96.8	96.8	96.5	96.5	95.9	96.2
1976	95.8	96.6	96.7	97.0	96.7	97.8	98.6	99.0	98.2	97.5	98.0	99.1
1977	97.8	99.0	99.1	99.3	100.0	100.3	100.2	100.3	101.1	100.3	101.4	101.4
1978	100.5	102.2	103.2	103.4	103.7	104.0	102.4	103.5	103.0	104.7	105.0	105.5
1979	105.6	106.0	106.3	102.9	106.7	108.1	107.6	108.5	108.1	108.5	109.2	108.0
1980	107.7	106.6	107.1	107.4	106.3	105.3	105.9	105.1	105.9	106.2	105.6	106.4
1981	106.1	105.6	105.6	106.1	105.6	105.7	105.8	105.2	105.2	104.2	104.4	103.6
1982	102.8	103.7										

WHOLESALE AND RETAIL TRADE

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1974	93.9	94.0	94.2	94.9	94.6	94.6	94.6	94.7	95.1	94.9	94.6	93.6
1975	93.2	93.0	92.9	92.5	93.1	93.4	93.6	94.5	94.3	94.6	95.0	95.2
1976	96.3	96.6	96.3	97.5	97.3	96.9	97.0	97.0	97.4	97.0	97.1	97.5
1977	97.8	98.2	98.8	99.0	99.6	99.7	100.3	100.7	100.9	101.5	101.4	101.9
1978	101.6	101.6	103.0	103.3	103.8	104.5	104.8	105.0	105.0	105.3	105.6	106.1
1979	105.7	105.9	106.7	106.8	106.5	106.7	106.2	106.4	106.5	106.6	107.4	107.1
1980	107.0	107.0	106.5	105.1	105.3	104.6	104.4	105.0	105.2	105.4	105.5	105.4
1981	106.1	105.7	106.0	106.6	106.5	106.1	106.7	106.9	106.8	106.2	106.3	105.4
1982	105.2	106.3										

SIC 50,51—WHOLESALE TRADE

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1974	94.2	94.5	94.7	94.3	95.0	95.1	95.3	95.2	95.2	94.9	94.9	94.2
1975	93.8	93.2	92.7	92.7	93.1	92.8	93.0	93.1	94.0	94.3	94.5	94.8
1976	95.5	95.7	95.4	96.4	95.6	96.4	96.8	96.5	97.0	96.4	96.8	97.1
1977	97.6	98.3	98.5	99.0	99.1	99.8	100.3	100.7	101.2	101.4	101.9	102.4
1978	102.5	103.1	104.4	105.0	104.5	105.4	105.1	105.8	106.7	107.0	107.2	107.9
1979	108.5	108.8	110.0	109.1	110.5	110.7	110.6	110.9	110.8	110.8	111.6	111.2
1980	111.6	111.7	111.1	110.6	110.5	108.5	108.6	109.3	110.1	110.2	110.1	111.0
1981	111.8	111.3	111.5	111.7	112.0	111.7	112.3	112.4	112.0	111.6	111.8	111.0
1982	109.7	110.7										

SIC 52-59—RETAIL TRADE

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1974	93.8	93.8	94.0	95.1	94.5	94.4	94.4	94.5	95.0	94.9	94.6	93.4
1975	92.9	92.9	92.9	92.4	93.0	93.6	93.8	95.0	94.5	94.8	95.2	95.3
1976	96.6	97.0	96.6	97.9	97.5	97.1	97.1	97.2	97.5	97.2	97.3	97.6
1977	97.9	98.1	98.9	99.0	99.8	99.6	100.3	100.7	100.8	101.5	101.1	101.8
1978	101.3	101.1	102.6	102.8	103.5	104.0	104.4	104.3	104.3	104.6	104.8	105.3
1979	104.6	104.8	105.4	106.0	104.9	105.1	104.5	104.6	104.8	105.0	105.8	105.6
1980	105.2	105.2	104.8	103.1	103.4	103.1	102.8	103.3	103.3	103.6	103.7	103.3
1981	103.9	103.6	103.9	104.6	104.3	104.0	104.6	104.8	104.9	104.1	104.3	103.3
1982	103.4	104.6										

FINANCE, INSURANCE, AND REAL ESTATE*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1974	92.6	93.1	93.2	92.8	93.5	93.6	93.7	93.7	93.8	93.5	93.8	93.7
1975	94.0	93.7	93.0	92.6	93.0	93.2	93.1	93.7	93.5	94.2	94.4	94.3
1976	94.5	95.2	94.4	94.9	95.1	95.1	95.6	95.6	95.5	96.0	96.3	97.0
1977	97.8	97.7	98.5	99.0	99.6	99.7	99.9	100.3	101.0	101.8	101.8	102.5
1978	102.6	103.4	103.7	104.9	104.5	105.7	106.3	106.4	107.2	107.5	107.8	108.2
1979	108.8	109.1	109.4	109.6	109.7	110.6	110.5	110.9	111.7	111.6	112.3	112.6

SEASONALLY ADJUSTED

Year		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.

INDEXES OF AGGREGATE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, SEASONALLY ADJUSTED, 1977 = 100

FINANCE, INSURANCE, AND REAL ESTATE[1]

1980	112.3	113.1	113.8	113.6	114.3	115.1	114.2	114.7	114.9	115.5	115.8	116.1
1981	116.5	116.6	116.8	117.1	117.3	117.2	117.6	117.9	117.4	117.6	117.4	117.4
1982	116.9	116.8										

SERVICES

1974	88.3	89.0	89.2	89.3	89.7	90.5	90.4	90.6	90.9	91.0	90.7	90.9
1975	91.2	91.4	91.6	91.5	91.9	92.1	92.9	93.6	93.1	93.6	94.1	94.2
1976	95.1	95.4	95.3	95.7	95.9	95.7	96.3	96.3	96.2	96.7	96.7	97.1
1977	97.2	97.8	98.0	98.5	98.9	99.4	100.0	100.5	101.3	102.1	102.4	102.7
1978	102.7	102.8	104.0	104.7	104.9	105.3	105.5	106.0	106.3	105.9	106.7	106.6
1979	106.9	107.5	108.7	108.8	109.4	109.9	110.4	110.8	111.2	111.0	111.7	112.5
1980	112.9	113.4	113.7	113.9	114.1	114.4	114.9	115.7	116.2	116.5	117.0	117.1
1981	118.1	118.3	118.5	119.0	119.2	118.7	119.4	119.3	119.6	120.4	120.6	120.8
1982	120.3	120.9										

See footnotes at end of tables.

Special Series

Indexes of Hours and Payrolls

Real Earnings

Earnings Excluding Overtime

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INDEXES OF HOURS AND PAYROLLS

INDEXES OF AGGREGATE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS
1977 = 100

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
TOTAL PRIVATE[1]													
1977	100.0	93.6	94.8	96.3	97.8	99.4	102.1	102.0	102.6	102.5	102.7	102.7	103.7
1978	104.9	97.8	98.6	101.1	103.3	104.2	107.3	107.2	107.8	107.4	107.6	107.8	109.2
1979	108.4	103.9	104.2	106.4	105.5	108.0	110.7	110.3	110.6	110.2	109.9	109.8	111.0
1980	107.2	105.7	105.5	106.3	106.1	106.1	107.5	106.7	108.0	107.9	108.1	108.3	109.6
1981	108.0	105.2	104.6	106.2	107.1	107.9	109.9	110.1	110.4	109.0	109.0	108.3	108.2
1982		101.0	103.4										
GOODS-PRODUCING[1]													
1977	100.0	90.4	93.2	95.6	97.6	100.1	103.5	101.3	102.8	104.6	104.4	103.7	102.7
1978	105.6	94.7	96.3	100.4	103.9	105.0	109.0	107.3	108.8	110.4	110.5	110.2	110.5
1979	108.6	103.8	104.2	107.5	104.1	109.1	112.2	109.8	110.7	112.1	111.2	109.4	109.6
1980	102.3	103.2	102.6	103.2	102.0	101.0	101.9	98.3	101.2	103.5	103.6	103.6	103.9
1981	101.0	98.8	96.9	99.9	100.1	101.9	104.1	102.6	103.7	102.8	102.6	100.4	98.0
1982		87.0	91.8										
MINING													
1977	100.0	93.2	94.9	98.4	100.9	102.0	107.0	104.3	100.0	105.7	106.5	106.6	80.4
1978	103.2	76.6	78.2	82.3	106.8	108.4	112.2	111.4	111.9	111.7	112.6	114.1	112.4
1979	116.3	108.9	109.8	111.6	111.4	113.3	117.3	113.7	118.9	119.1	119.7	119.6	119.7
1980	123.0	117.9	117.6	118.8	119.2	121.4	126.3	120.2	123.1	125.4	126.3	128.4	131.3
1981	135.5	130.3	128.7	128.9	114.1	116.9	134.6	141.6	145.6	145.0	146.2	146.5	147.1
1982		137.9	139.4										
CONSTRUCTION													
1977	100.0	73.9	81.2	86.8	95.4	101.7	107.8	111.4	112.2	110.6	111.7	106.3	100.9
1978	112.0	80.7	83.5	94.3	107.1	111.4	122.8	127.3	128.4	125.6	127.3	119.8	115.3
1979	119.7	94.9	95.6	108.2	108.9	121.7	130.2	132.7	135.4	132.8	131.4	124.0	120.4
1980	114.9	103.2	101.9	103.8	109.4	114.9	121.9	122.4	122.9	124.1	124.1	117.2	112.6
1981	106.8	98.2	91.8	102.1	107.6	111.0	115.0	118.8	118.4	111.5	116.1	110.8	103.9
1982		80.4	86.4										
MANUFACTURING													
1977	100.0	93.5	95.5	97.2	97.9	99.7	102.5	99.2	101.1	103.4	102.9	103.1	104.1
1978	104.5	98.3	99.6	102.4	103.1	103.6	106.2	103.2	104.8	107.4	107.1	108.2	109.5
1979	106.2	105.3	105.6	107.1	102.8	106.5	108.4	105.1	105.5	107.8	106.9	106.1	107.1
1980	98.9	102.5	102.0	102.4	99.7	97.4	96.9	92.6	96.0	98.4	98.5	99.8	100.9
1981	97.9	97.4	96.4	98.1	98.1	99.5	100.5	97.6	98.9	99.1	97.9	96.2	94.6
1982		85.9	90.6										

INDEXES OF AGGREGATE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS
1977 = 100

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 24,25,32-39—DURABLE GOODS													
1977	100.0	93.0	94.6	96.9	97.8	100.0	102.7	99.1	99.9	102.3	103.3	103.7	105.7
1978	106.3	99.7	100.8	103.8	105.0	105.5	108.0	104.8	105.3	109.0	109.6	111.1	113.4
1979	109.1	108.8	109.4	111.1	105.8	110.1	111.9	107.9	106.4	109.9	109.2	108.2	110.1
1980	99.5	104.8	104.6	105.1	101.4	97.8	96.7	91.7	93.9	97.4	98.2	100.4	102.1
1981	98.1	98.3	96.9	99.2	99.4	100.5	101.2	97.8	98.0	98.4	97.6	95.7	94.0
1982		85.7	89.7										
SIC 24—LUMBER AND WOOD PRODUCTS													
1977	100.0	88.4	92.5	93.5	96.6	99.7	104.6	102.8	104.8	106.0	105.6	103.0	102.6
1978	104.8	95.6	98.2	100.4	103.8	104.9	111.2	107.9	108.6	107.4	108.0	105.7	105.8
1979	105.0	99.3	100.6	103.6	102.6	106.2	110.9	107.8	109.8	109.4	108.3	101.9	99.6
1980	90.7	94.2	95.2	94.2	85.9	83.6	87.4	87.0	92.0	93.2	92.3	91.6	91.7
1981	87.5	87.5	86.5	87.9	89.6	93.2	94.3	91.8	91.7	87.6	84.3	79.3	76.8
1982		65.7	74.0										
SIC 25—FURNITURE AND FIXTURES													
1977	100.0	90.1	93.4	96.1	95.6	97.6	101.4	97.3	102.2	104.2	106.5	106.6	109.1
1978	107.2	100.4	105.8	107.9	107.1	106.5	108.8	102.9	107.2	108.5	109.6	109.9	112.0
1979	105.4	106.4	105.7	107.5	101.9	103.2	104.9	100.4	104.7	106.0	107.7	107.6	108.8
1980	96.0	103.7	102.6	102.7	99.7	93.1	90.7	83.3	90.0	94.5	95.7	96.2	99.2
1981	96.8	95.1	95.7	96.9	96.9	97.9	99.2	94.4	98.2	96.8	98.6	95.6	96.3
1982		78.8	89.9										
SIC 32—STONE, CLAY, AND GLASS PRODUCTS													
1977	100.0	88.0	88.4	94.2	98.8	102.0	105.7	104.2	105.2	103.6	103.3	104.5	102.2
1978	104.9	93.4	94.9	99.9	104.2	106.4	110.3	108.4	108.7	108.3	108.9	108.3	106.8
1979	105.5	98.7	98.7	104.2	103.9	107.8	111.0	108.1	108.6	107.7	107.3	105.7	103.5
1980	95.1	96.0	95.4	97.5	96.0	94.9	95.3	91.7	93.8	95.3	95.5	95.9	93.8
1981	90.7	87.9	85.3	88.9	91.9	93.5	95.3	93.8	94.5	93.1	91.0	88.9	84.2
1982		73.7	76.6										
SIC 33—PRIMARY METAL INDUSTRIES													
1977	100.0	94.6	95.1	98.6	101.0	102.5	104.5	100.5	99.1	102.0	100.5	100.0	101.6
1978	104.9	100.3	101.2	101.4	102.6	104.0	106.4	104.4	104.8	107.8	106.9	108.7	110.3
1979	107.3	109.4	109.2	109.5	109.8	108.7	110.9	108.2	105.5	107.1	104.2	102.9	102.3
1980	92.5	101.6	101.2	101.1	99.7	92.1	87.7	81.5	82.8	87.0	88.1	92.1	95.1
1981	91.7	94.2	93.3	94.5	95.7	94.5	95.2	91.8	91.8	93.3	87.8	85.6	82.6
1982		78.5	79.6										

See footnotes at end of tables.

INDEXES OF AGGREGATE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS
1977 = 100

SIC 34—FABRICATED METAL PRODUCTS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	100.0	93.5	94.7	96.7	96.7	99.2	102.4	98.3	101.0	102.9	103.8	104.5	106.4
1978	106.1	100.5	101.5	104.3	105.4	106.0	107.5	103.3	105.4	108.2	108.5	110.0	112.5
1979	107.8	108.0	108.3	109.4	102.9	108.1	110.4	105.5	105.7	108.2	108.4	108.4	109.9
1980	98.3	104.2	103.7	104.5	100.7	96.2	95.2	88.9	93.0	96.3	97.2	99.1	100.6
1981	96.2	96.5	95.4	97.5	97.0	98.4	99.3	95.4	96.7	96.8	95.7	93.8	92.3
1982		84.0	87.0										

SIC 35—MACHINERY, EXCEPT ELECTRICAL

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	100.0	94.9	97.0	97.8	96.9	98.2	100.1	98.1	99.4	102.4	102.5	104.5	108.1
1978	108.7	103.0	105.3	107.5	107.4	106.3	109.3	106.2	106.4	110.2	111.0	113.5	116.7
1979	115.6	115.1	117.1	117.9	112.2	115.8	117.7	114.7	113.3	117.3	113.8	114.7	117.6
1980	111.4	117.6	117.1	117.2	114.5	112.4	110.1	104.9	104.5	108.1	107.6	109.9	112.9
1981	109.9	110.3	109.4	110.8	109.8	110.7	111.4	108.4	108.7	109.8	109.7	109.5	109.8
1982		101.6	105.3										

SIC 36—ELECTRIC AND ELECTRONIC EQUIPMENT

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	100.0	92.6	96.1	96.4	97.1	98.8	101.8	97.8	100.7	103.5	103.5	105.1	106.6
1978	106.5	100.8	101.9	104.5	104.3	104.7	106.9	104.6	106.6	109.0	109.5	111.6	113.5
1979	112.1	110.5	111.5	112.9	107.6	111.8	114.4	110.0	108.6	113.5	113.5	114.6	116.5
1980	106.0	112.4	111.5	111.3	109.1	105.1	103.0	97.5	100.2	103.0	103.9	106.3	108.4
1981	105.1	105.1	103.8	105.6	105.2	106.2	107.2	104.3	105.5	106.1	105.9	103.2	102.6
1982		96.8	100.3										

SIC 37—TRANSPORTATION EQUIPMENT

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	100.0	94.4	92.4	97.3	98.8	101.8	103.9	99.4	93.7	104.1	103.3	102.6	108.1
1978	106.3	99.1	96.8	102.6	104.9	106.2	106.7	103.6	98.7	110.7	112.2	114.7	119.8
1979	106.8	112.0	111.3	113.4	101.3	111.8	109.4	104.0	95.6	104.6	105.7	102.2	109.7
1980	91.2	95.1	96.1	97.9	89.7	86.6	86.7	82.4	83.3	89.7	92.8	96.3	98.4
1981	90.6	91.9	88.5	93.6	94.3	95.9	95.0	89.7	85.8	88.7	90.3	88.0	85.5
1982		76.7	81.0										

SIC 38—INSTRUMENTS AND RELATED PRODUCTS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	100.0	95.3	98.5	98.5	98.3	99.8	101.5	98.3	99.4	101.2	101.8	102.9	104.4
1978	107.2	100.7	102.2	104.9	105.4	105.8	108.5	106.3	108.2	109.5	109.5	112.0	113.6
1979	112.7	111.0	112.5	113.5	110.2	112.4	114.1	111.0	111.6	112.5	112.9	114.4	116.1
1980	112.8	114.1	113.9	114.5	113.2	112.3	113.2	109.0	110.5	110.9	111.7	114.5	115.9
1981	113.4	113.6	112.9	113.6	112.2	113.4	114.7	112.4	114.0	113.7	113.1	113.5	113.3
1982		105.9	109.2										

SIC 39—MISCELLANEOUS MANUFACTURING INDUSTRIES

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	100.0	91.3	97.5	98.6	98.7	100.6	102.4	94.7	101.4	103.8	105.3	105.0	100.7
1978	103.0	93.4	96.8	101.4	102.4	103.5	105.9	98.4	105.5	108.1	109.4	109.0	102.4
1979	101.4	97.6	98.5	100.9	96.8	100.0	103.4	97.3	103.9	105.9	106.1	105.2	100.8
1980	93.2	95.8	95.6	97.2	96.1	93.3	91.9	86.2	91.6	94.1	93.3	93.4	90.3
1981	91.0	86.2	86.9	89.2	89.5	90.8	92.4	89.2	92.8	94.2	95.6	95.2	89.8
1982		79.8	84.1										

See footnotes at end of tables.

INDEXES OF AGGREGATE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS
1977 = 100

SIC 20-23,26-31—NONDURABLE GOODS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	100.0	94.2	96.7	97.7	97.9	99.2	102.2	99.3	102.9	103.6	102.3	102.1	101.8
1978	101.7	96.3	97.7	100.4	100.4	100.8	103.5	100.8	104.2	105.0	103.3	103.9	103.7
1979	101.9	100.0	99.9	101.3	98.3	101.0	103.4	101.1	104.1	104.7	103.4	103.0	102.6
1980	98.1	99.1	98.1	98.3	97.3	96.8	97.3	94.0	99.1	99.9	98.9	98.9	99.2
1981	97.5	96.2	95.7	96.4	96.1	98.0	99.5	97.4	100.3	100.1	98.4	97.0	95.4
1982		86.1	91.9										

SIC 20—FOOD AND KINDRED PRODUCTS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	100.0	93.1	93.8	94.0	94.0	95.2	100.5	102.7	110.5	111.4	103.8	101.5	99.5
1978	100.5	94.0	93.5	95.3	94.6	95.4	99.6	102.6	109.5	110.7	105.1	103.2	102.2
1979	102.2	97.1	95.0	96.9	94.6	97.3	101.7	104.2	111.7	113.4	107.6	104.5	102.6
1980	100.5	96.9	94.8	94.6	92.9	95.8	98.3	102.1	111.8	111.4	104.9	102.1	100.0
1981	98.4	96.0	93.7	93.0	93.1	95.5	97.3	100.0	105.9	106.2	102.0	99.6	98.3
1982		90.7	93.0										

SIC 21—TOBACCO MANUFACTURES

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	100.0	102.9	106.6	93.0	91.2	86.6	91.5	84.5	104.4	111.1	111.0	108.9	108.2
1978	99.3	97.5	96.8	94.6	88.3	88.0	94.5	84.4	101.1	112.0	111.2	111.3	111.8
1979	97.7	97.5	92.2	94.2	89.2	91.7	91.8	85.0	103.2	114.2	113.2	97.4	102.9
1980	94.8	94.4	90.2	87.6	86.4	86.4	88.0	83.4	95.3	104.4	110.4	109.5	101.4
1981	97.5	98.8	95.8	89.0	85.4	87.6	89.7	89.3	109.5	112.1	108.9	103.9	99.6
1982		93.0	93.4										

SIC 22—TEXTILE MILL PRODUCTS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	100.0	95.7	98.4	99.8	99.6	100.8	103.0	97.9	100.7	100.8	100.6	101.7	101.1
1978	99.0	96.4	98.5	99.7	99.1	99.6	101.1	96.1	99.3	100.0	98.7	99.6	99.9
1979	97.3	97.1	96.8	97.9	93.1	97.0	99.1	94.3	96.9	97.9	97.9	99.4	99.9
1980	92.3	97.8	97.3	97.6	94.6	92.8	90.1	83.6	89.0	90.2	90.4	91.6	92.5
1981	88.2	89.4	89.2	85.6	88.1	90.3	91.4	87.8	89.7	87.8	87.0	85.6	82.9
1982		65.1	79.5										

SIC 23—APPAREL AND OTHER TEXTILE PRODUCTS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	100.0	91.4	98.2	99.8	97.9	100.5	103.9	96.5	101.7	101.8	103.1	103.4	101.8
1978	101.4	91.9	98.7	102.4	102.8	102.9	105.3	98.0	103.3	103.8	102.6	103.4	101.3
1979	98.0	96.8	98.3	100.0	95.6	99.3	101.2	95.5	98.4	97.7	98.6	97.8	96.8
1980	95.1	94.3	96.8	97.6	96.1	95.6	97.2	90.3	95.1	94.9	95.3	94.6	94.0
1981	94.1	90.7	92.3	94.5	93.1	96.0	98.2	92.7	96.9	95.0	95.6	94.2	90.5
1982		78.8	88.7										

SIC 26—PAPER AND ALLIED PRODUCTS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	100.0	95.8	96.4	97.3	99.2	100.1	103.3	100.2	101.4	102.1	100.9	100.7	102.5
1978	101.3	98.2	97.4	100.8	100.8	101.9	105.0	102.7	101.5	101.9	100.1	102.1	102.9
1979	102.7	100.2	100.1	101.5	99.7	101.9	104.9	103.6	104.3	103.9	103.6	103.8	104.9
1980	99.4	102.3	101.5	101.6	100.4	97.7	98.3	95.2	97.2	98.6	98.4	99.8	102.1
1981	99.1	99.2	97.9	98.4	98.6	99.3	101.2	99.4	100.2	102.4	98.5	97.4	97.2
1982		93.0	93.9										

INDEXES OF AGGREGATE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS
1977 = 100

SIC 27—PRINTING AND PUBLISHING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	Jun.	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	100.0	95.3	97.0	98.2	98.6	99.3	100.1	99.3	100.5	102.1	102.3	102.7	104.6
1978	103.7	99.3	100.4	103.7	103.3	102.6	103.8	103.1	104.1	104.1	104.4	106.7	108.6
1979	107.3	104.5	105.7	107.4	104.7	106.4	106.8	106.7	108.2	108.5	108.1	110.0	111.1
1980	106.4	107.6	107.1	107.6	106.2	105.7	105.1	104.0	105.3	106.0	105.8	106.4	110.5
1981	106.7	105.9	105.7	106.4	106.1	106.5	106.2	105.6	106.8	107.2	106.8	107.6	109.9
1982		104.4	106.6										

SIC 28—CHEMICALS AND ALLIED PRODUCTS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	Jun.	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	100.0	96.5	97.8	99.2	100.3	100.5	102.0	100.6	100.7	100.7	100.1	100.3	101.2
1978	102.2	99.0	99.7	101.6	102.3	102.5	103.9	102.6	102.7	102.8	102.4	103.4	103.7
1979	103.1	101.9	101.8	102.7	102.9	102.9	104.6	103.4	103.3	103.1	102.7	103.7	104.1
1980	100.9	102.7	102.2	102.8	103.0	101.7	101.2	97.9	98.2	99.3	99.4	101.0	101.6
1981	101.5	100.3	100.7	101.5	101.9	102.2	103.5	102.2	101.5	103.4	100.6	100.1	99.7
1982		96.4	96.9										

SIC 29—PETROLEUM AND COAL PRODUCTS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	Jun.	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	100.0	90.8	89.1	93.4	98.2	100.2	104.0	105.5	103.5	104.5	104.7	103.5	102.5
1978	105.2	98.1	98.4	101.4	103.5	103.0	107.8	109.8	109.2	108.8	108.3	108.3	104.9
1979	106.9	100.8	100.8	104.4	105.9	106.8	108.5	110.3	109.2	111.1	109.3	110.0	105.5
1980	92.9	86.3	61.2	58.9	78.6	98.7	101.9	104.5	103.8	105.8	106.5	105.7	102.7
1981	104.0	100.8	99.9	101.1	105.7	107.3	107.9	108.3	105.8	107.4	103.4	102.1	97.8
1982		93.5	90.4										

SIC 30—RUBBER AND MISC. PLASTICS PRODUCTS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	Jun.	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	100.0	94.4	96.7	97.7	98.5	99.7	102.7	98.0	99.9	102.2	103.0	103.4	103.8
1978	105.6	99.5	99.0	102.9	104.0	104.0	107.4	103.3	105.8	108.4	109.2	110.7	112.4
1979	108.3	109.7	110.6	111.4	105.5	109.1	110.6	107.4	106.8	107.9	107.8	106.7	106.3
1980	97.7	104.4	103.0	103.4	101.0	93.7	92.6	86.2	92.7	95.9	98.3	99.9	101.6
1981	100.2	99.5	98.2	100.2	100.3	102.5	103.8	99.3	102.2	101.4	100.4	97.9	96.4
1982		90.1	94.4										

SIC 31—LEATHER AND LEATHER PRODUCTS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	Jun.	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	100.0	93.2	98.4	98.6	99.7	103.4	105.7	95.3	101.2	98.5	101.4	103.3	101.3
1978	101.3	95.6	97.0	100.5	103.3	105.3	108.6	97.3	104.1	102.1	101.5	101.1	99.7
1979	94.6	95.8	94.5	94.8	92.7	97.5	101.1	87.6	95.3	94.7	93.5	93.9	93.4
1980	89.4	90.1	91.2	90.2	90.6	91.4	92.9	79.9	90.3	89.0	89.2	89.0	88.6
1981	89.9	87.0	88.4	89.2	88.5	93.0	96.1	87.4	92.8	90.0	91.5	89.6	85.2
1982		76.0	77.8										

PRIVATE SERVICE-PRODUCING[1]

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	Jun.	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	100.0	95.3	95.7	96.6	97.9	99.1	101.2	102.4	102.5	101.3	101.8	102.1	104.2
1978	104.6	99.5	99.8	101.5	103.0	103.8	106.3	107.1	107.2	105.7	106.0	106.4	108.4
1979	108.2	103.9	104.3	105.8	106.3	107.4	109.8	110.5	110.6	109.1	109.2	110.0	111.7
1980	106.8	107.1	107.2	108.1	108.4	108.9	110.6	111.3	111.7	110.3	110.6	111.0	112.7
1981	111.9	108.8	108.9	109.6	111.0	111.3	113.1	114.2	114.1	112.5	112.5	112.7	113.8
1982		108.7	109.8										

See footnotes at end of tables.

INDEXES OF AGGREGATE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS
1977 = 100

TRANSPORTATION AND PUBLIC UTILITIES

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	100.0	95.8	97.3	97.4	97.9	99.5	101.7	101.4	101.3	102.0	101.0	102.1	102.5
1978	103.4	98.5	100.8	101.8	102.0	103.2	105.6	103.3	104.6	104.0	105.5	105.6	106.6
1979	107.1	103.4	104.4	105.0	101.3	106.0	109.6	108.7	109.5	109.2	109.3	110.1	109.2
1980	106.3	105.5	105.2	105.6	105.8	105.8	106.7	106.6	106.1	106.9	107.3	106.6	107.6
1981	105.3	103.9	104.1	104.1	104.5	104.9	107.3	106.7	105.9	106.1	105.5	105.3	104.7
1982		100.6	102.2										

WHOLESALE AND RETAIL TRADE

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	100.0	95.0	94.5	95.8	97.5	99.0	101.2	102.5	102.6	101.2	101.6	102.3	106.8
1978	104.2	98.6	97.9	100.0	101.9	103.1	105.8	107.0	107.1	105.5	105.6	106.6	111.1
1979	106.6	102.7	102.0	103.8	105.2	105.8	107.9	108.4	108.3	107.0	106.9	108.4	112.1
1980	105.5	103.9	102.9	103.7	103.6	104.5	105.9	106.2	107.1	105.7	105.6	106.7	110.3
1981	106.3	103.1	102.1	103.1	105.0	105.5	107.4	108.6	108.9	107.5	106.8	107.5	110.3
1982		102.1	102.7										

SIC 50,51—WHOLESALE TRADE

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	100.0	96.2	96.5	97.4	98.2	98.9	100.9	101.4	101.4	101.4	102.3	102.2	103.2
1978	105.6	100.8	101.1	102.9	103.9	104.4	106.8	106.9	107.4	107.4	108.2	108.2	109.5
1979	110.3	106.9	106.8	108.9	108.5	109.9	111.8	111.6	111.5	111.0	111.8	112.2	112.3
1980	110.3	109.8	109.7	110.2	109.9	110.0	109.6	109.5	110.1	110.2	111.1	111.0	112.1
1981	111.7	110.1	109.4	110.5	111.0	111.4	112.7	113.2	113.0	112.0	112.8	112.6	112.3
1982		108.1	108.9										

SIC 52-59—RETAIL TRADE

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	100.0	94.6	93.8	95.2	97.2	99.0	101.4	102.9	103.1	101.1	101.3	102.3	108.2
1978	103.6	97.8	96.6	98.9	101.1	102.7	105.5	107.1	106.9	104.7	104.6	106.1	111.7
1979	105.1	101.1	100.2	101.8	103.9	104.2	106.5	107.2	107.1	105.5	105.0	107.0	112.1
1980	103.7	101.6	100.3	101.1	101.2	102.5	104.4	105.0	106.0	104.0	103.5	105.1	109.6
1981	104.3	100.5	99.3	100.2	102.7	103.2	105.4	106.9	107.4	105.8	104.5	105.5	109.5
1982		99.8	100.3										

FINANCE, INSURANCE, AND REAL ESTATE[2]

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	100.0	99.9	97.0	97.9	98.7	99.4	100.8	101.6	101.9	100.7	101.5	101.6	102.0
1978	105.7	101.9	102.5	103.0	104.5	104.2	106.7	108.2	108.1	106.8	107.4	107.4	107.7
1979	110.6	108.0	108.3	108.6	109.2	109.3	111.5	112.6	112.4	111.3	111.5	112.1	112.1
1980	114.4	111.5	112.2	113.1	113.0	113.6	116.1	116.3	116.4	114.5	115.4	117.4	115.6
1981	117.3	115.7	116.0	116.2	116.7	116.8	118.3	119.5	119.6	117.0	117.4	117.1	117.1
1982		116.0	116.1										

SERVICES

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	100.0	95.0	96.1	96.9	98.2	99.0	101.2	102.8	102.9	101.4	102.3	102.0	102.2
1978	105.1	100.3	101.2	102.8	104.3	104.7	107.0	108.3	108.2	106.3	106.3	106.2	106.1
1979	109.9	104.4	105.8	107.7	108.5	109.2	111.7	113.2	113.1	111.0	111.4	111.4	112.0
1980	115.0	110.3	111.7	112.9	113.6	113.9	116.2	117.8	117.9	115.9	116.5	116.4	116.7
1981	119.4	115.3	116.7	117.7	118.9	118.9	120.6	122.2	121.7	119.4	120.6	120.3	120.3
1982		117.5	119.3										

INDEXES OF AGGREGATE WEEKLY PAYROLLS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS
1977 = 100

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
TOTAL PRIVATE[1]													
1977	100.0	90.4	92.1	93.9	96.2	98.5	101.5	102.0	102.8	104.6	105.6	105.7	106.8
1978	113.8	102.1	103.3	106.5	110.2	111.6	115.6	116.4	117.3	119.1	120.3	120.8	123.0
1979	127.2	118.2	119.1	122.1	121.1	125.2	128.9	129.4	130.3	132.2	132.1	132.7	134.9
1980	136.0	129.2	129.8	131.8	132.0	132.7	135.4	135.0	137.3	139.6	141.3	142.9	144.9
1981	149.2	140.9	140.7	143.6	145.5	147.5	150.9	151.9	153.6	153.8	154.2	154.1	153.6
1982		145.2	148.6										
GOODS-PRODUCING[2]													
1977	100.0	87.0	89.6	92.7	95.6	98.8	103.2	102.1	103.6	107.1	107.4	106.8	106.3
1978	114.8	98.0	99.6	105.0	110.3	112.5	118.0	117.7	119.5	123.2	124.1	124.2	125.7
1979	128.3	117.7	118.7	123.5	120.0	127.7	132.1	130.7	131.9	135.5	134.5	132.9	134.6
1980	131.2	125.8	125.8	127.8	127.3	127.3	129.9	127.0	131.2	136.2	137.5	138.5	140.3
1981	141.8	133.6	131.1	136.3	137.7	141.2	145.4	145.1	147.1	147.5	148.0	145.4	142.6
1982		129.4	134.0										
MINING													
1977	100.0	91.3	93.1	96.9	99.7	100.9	107.0	105.0	99.8	108.4	109.4	110.3	78.3
1978	114.0	76.1	78.0	82.2	117.1	119.1	124.2	125.6	125.8	127.9	129.5	132.5	130.5
1979	141.0	128.9	130.0	133.1	137.1	137.9	143.5	139.8	145.4	147.2	147.8	150.2	150.8
1980	162.4	150.5	150.6	153.0	155.9	158.4	166.4	156.9	162.4	168.0	170.3	175.4	180.7
1981	196.0	183.2	182.6	182.7	159.5	163.1	192.5	205.9	212.4	214.3	215.9	219.3	220.4
1982		211.6	213.3										
CONSTRUCTION													
1977	100.0	73.1	79.7	85.2	93.6	100.0	106.6	110.7	112.4	112.8	114.2	108.5	103.2
1978	119.6	83.1	85.8	97.8	111.0	117.2	129.9	135.7	138.4	137.7	139.8	131.5	127.2
1979	136.9	105.3	106.6	120.0	121.5	137.5	146.9	151.6	156.0	156.0	153.9	145.5	142.3
1980	140.9	120.6	120.7	123.8	130.8	138.7	147.6	149.7	152.6	156.3	157.2	148.5	143.9
1981	145.0	126.9	118.4	132.1	139.0	144.7	151.1	158.2	159.5	152.4	159.9	152.9	144.3
1982		115.0	120.7										
MANUFACTURING													
1977	100.0	90.6	92.1	94.5	95.8	98.3	102.0	99.5	101.4	105.4	105.4	106.2	108.7
1978	113.6	103.3	104.9	108.3	109.7	110.8	114.3	112.3	113.9	118.9	119.4	121.7	125.1
1979	125.2	120.5	121.4	123.9	118.6	124.4	127.3	124.4	124.4	129.2	128.4	128.4	131.5
1980	126.8	125.8	125.8	127.4	124.6	122.4	123.0	119.0	123.5	128.8	130.1	133.6	137.0
1981	137.7	132.7	131.6	134.8	136.1	138.8	141.1	138.0	139.9	142.4	140.8	139.0	137.7
1982		127.3	133.1										
SIC 24,25,32-39—DURABLE GOODS													
1977	100.0	88.9	91.1	94.1	95.6	98.8	102.4	99.3	100.1	105.3	106.0	107.0	110.5
1978	115.5	104.4	105.9	109.6	111.5	112.7	116.2	113.6	114.2	120.8	122.4	125.0	129.8
1979	128.3	124.4	125.7	128.3	121.5	128.6	131.3	127.2	125.1	131.3	130.6	130.2	134.7
1980	127.3	127.8	128.7	130.7	126.4	122.6	122.6	117.4	120.6	127.5	130.0	134.6	138.8
1981	138.1	133.6	132.2	136.3	137.9	140.4	142.5	138.2	138.8	141.2	140.6	138.5	137.0
1982		126.2	131.6										

See footnotes at end of tables.

INDEXES OF AGGREGATE WEEKLY PAYROLLS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS
1977 = 100

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 24—LUMBER AND WOOD PRODUCTS													
1977	100.0	86.0	89.4	90.2	94.1	97.8	103.6	102.7	105.9	109.1	108.9	106.1	106.2
1978	115.2	101.1	103.9	106.3	110.7	113.0	123.4	120.8	120.9	121.0	122.1	119.2	120.1
1979	125.0	112.8	114.9	118.6	118.5	124.1	133.6	131.3	133.7	135.0	132.1	124.0	121.6
1980	116.6	114.4	117.6	116.8	105.3	104.7	112.2	114.5	122.1	124.6	122.5	122.2	121.5
1981	120.3	116.5	115.4	116.8	120.0	126.6	131.2	128.8	128.3	123.1	117.5	111.5	107.9
1982		95.1	105.6										
SIC 25—FURNITURE AND FIXTURES													
1977	100.0	86.5	90.2	93.6	93.4	96.0	100.9	97.3	103.6	106.4	109.0	109.8	113.4
1978	115.5	105.2	110.9	113.4	113.1	113.2	116.8	110.9	116.5	119.0	120.7	121.4	125.3
1979	122.9	119.3	119.9	122.5	116.1	118.5	122.3	116.7	122.9	126.5	128.8	129.4	132.0
1980	121.4	125.9	126.0	127.3	124.1	116.5	115.0	106.2	115.2	121.8	123.6	124.9	130.5
1981	131.8	125.3	126.7	128.9	129.3	131.7	134.8	128.8	135.5	134.1	137.5	133.4	135.8
1982		113.9	128.1										
SIC 32—STONE, CLAY, AND GLASS PRODUCTS													
1977	100.0	83.7	84.9	90.8	97.0	101.3	106.1	105.3	106.5	105.4	105.6	107.5	105.7
1978	114.2	97.0	98.8	104.6	110.8	114.5	120.2	119.0	119.9	120.7	121.8	121.9	120.9
1979	124.3	111.6	111.8	119.2	120.5	125.8	131.0	128.3	129.1	129.5	129.4	128.6	126.5
1980	122.8	116.5	117.1	121.8	121.1	121.6	123.4	119.8	123.2	126.1	127.2	129.0	126.4
1981	129.1	119.0	115.8	121.4	128.4	131.9	136.3	135.5	136.9	136.7	133.2	130.6	124.1
1982		110.3	113.7										
SIC 33—PRIMARY METAL INDUSTRIES													
1977	100.0	89.2	90.2	94.2	97.9	101.8	104.4	101.5	101.1	105.2	103.9	104.1	106.4
1978	116.2	106.6	108.8	108.7	110.5	112.9	116.4	115.6	117.7	122.6	121.6	125.1	127.6
1979	130.1	127.4	129.1	129.4	132.3	129.8	133.4	132.2	129.7	132.6	128.2	128.8	128.3
1980	122.1	127.7	129.1	129.2	128.5	119.6	114.3	108.1	110.1	117.0	120.1	128.0	133.0
1981	133.8	131.7	133.1	134.3	139.1	136.3	138.2	133.7	136.3	141.4	130.0	128.3	123.6
1982		119.1	120.4										
SIC 34—FABRICATED METAL PRODUCTS													
1977	100.0	90.7	91.6	94.4	94.6	98.0	102.4	98.2	101.4	104.7	106.4	107.6	110.2
1978	114.0	104.0	105.3	109.4	111.6	112.7	114.6	110.7	113.4	118.3	119.4	122.1	126.4
1979	124.9	121.2	122.4	125.0	115.8	124.4	127.8	122.1	122.7	127.4	126.3	128.8	133.1
1980	124.0	125.2	125.6	128.4	124.1	119.4	119.9	111.9	117.9	124.4	126.6	130.3	134.2
1981	133.5	128.8	127.7	132.1	132.2	135.9	138.3	132.6	135.3	136.0	135.9	133.8	133.3
1982		121.6	126.2										
SIC 35—MACHINERY, EXCEPT ELECTRICAL													
1977	100.0	91.7	93.9	94.9	94.6	96.5	99.5	97.8	99.8	104.5	105.7	107.9	113.1
1978	117.7	107.6	111.0	113.7	113.6	112.8	117.3	114.4	114.8	121.4	123.4	127.2	135.6
1979	135.3	130.6	134.0	135.5	127.5	133.9	137.9	134.5	133.0	140.2	135.3	137.3	143.3
1980	142.3	143.7	143.9	145.2	142.7	141.2	139.5	134.0	133.8	141.7	142.4	147.0	153.1
1981	154.8	150.0	149.5	152.4	151.7	154.6	156.5	153.0	153.7	157.2	158.5	158.9	161.2
1982		149.2	154.8										

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1977 = 100

SIC 36—ELECTRIC AND ELECTRONIC EQUIPMENT

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	100.0	89.8	93.1	93.7	94.8	97.0	100.8	97.9	101.6	105.7	105.8	108.2	111.6
1978	115.0	105.7	107.2	110.0	110.2	111.0	113.9	113.0	116.0	120.1	120.9	123.8	128.6
1979	131.4	125.5	127.1	129.3	122.2	129.0	132.8	128.0	128.3	136.1	136.4	138.4	143.4
1980	136.5	138.9	138.6	139.7	137.2	131.8	130.9	125.5	130.0	135.9	138.1	142.9	147.8
1981	148.5	143.8	142.6	145.7	145.9	148.0	150.4	148.0	151.2	152.6	153.3	149.9	150.4
1982		143.3	148.1										

SIC 37—TRANSPORTATION EQUIPMENT

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	100.0	91.3	88.5	94.9	96.4	100.4	103.7	99.1	93.1	105.3	106.9	106.6	113.8
1978	115.4	103.1	101.0	108.4	111.5	113.0	114.4	111.4	105.5	122.1	126.5	130.2	138.3
1979	125.0	128.2	127.5	131.1	114.9	131.4	128.1	122.0	110.7	123.3	126.1	122.0	134.3
1980	117.1	114.6	116.6	121.0	111.1	107.7	109.9	105.5	107.2	118.1	124.7	131.0	137.2
1981	129.2	126.3	121.4	130.4	132.3	135.9	136.2	128.6	122.2	127.7	133.1	129.6	126.2
1982		113.6	120.3										

SIC 38—INSTRUMENTS AND RELATED PRODUCTS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	100.0	93.4	96.4	96.4	96.3	98.3	100.1	98.2	100.0	102.9	103.6	105.6	108.9
1978	115.8	105.6	108.1	111.1	112.1	113.2	116.1	114.6	117.3	119.4	120.1	123.7	127.9
1979	131.5	125.7	128.1	129.8	125.8	129.8	132.0	129.4	129.6	132.0	134.8	138.1	142.4
1980	144.9	141.6	141.7	143.3	141.8	142.3	145.3	141.0	143.1	144.7	146.4	151.5	156.0
1981	159.1	154.1	153.4	155.0	153.4	156.4	159.0	157.8	162.6	163.1	162.4	164.8	167.3
1982		158.7	163.8										

SIC 39—MISCELLANEOUS MANUFACTURING INDUSTRIES

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	100.0	89.2	95.4	96.9	97.2	100.0	102.0	94.8	101.1	104.8	106.5	107.4	104.8
1978	110.7	98.1	101.4	106.9	108.5	110.1	113.1	105.9	113.6	117.3	119.4	119.9	114.2
1979	116.9	110.3	111.9	114.6	110.0	114.6	118.3	112.0	119.7	122.9	124.2	124.0	120.4
1980	116.7	116.3	116.5	119.4	118.7	115.7	114.5	108.0	114.9	119.1	118.8	120.1	118.6
1981	124.4	114.9	115.9	119.4	121.0	123.2	125.3	122.2	126.8	130.7	132.6	133.4	127.4
1982		114.7	121.2										

SIC 20-23,26-31—NONDURABLE GOODS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	100.0	91.7	93.9	95.2	96.2	97.6	101.4	99.9	103.7	105.6	104.3	104.9	105.7
1978	110.2	101.5	103.1	106.1	106.6	107.5	111.0	110.0	113.5	115.7	114.2	115.9	116.8
1979	119.9	113.7	113.8	116.1	113.5	117.0	120.2	119.5	123.2	125.4	124.5	125.3	125.9
1980	125.8	122.1	120.7	121.6	121.5	122.1	123.7	121.8	128.7	131.1	130.5	131.9	133.7
1981	137.1	131.0	130.6	132.1	133.0	136.1	138.8	137.6	141.9	144.3	141.1	140.0	139.0
1982		129.3	135.6										

SIC 20—FOOD AND KINDRED PRODUCTS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	100.0	90.6	91.3	91.8	92.7	94.2	99.4	102.5	110.9	113.1	105.2	104.4	103.7
1978	108.5	98.5	98.9	101.0	100.9	102.7	106.5	110.7	118.3	121.1	115.2	114.6	114.5
1979	119.3	109.9	107.7	110.3	109.0	112.5	117.6	121.8	130.5	133.4	127.2	126.3	125.2
1980	128.2	119.3	117.1	117.6	116.8	121.5	125.1	131.0	143.4	143.7	135.5	134.4	132.5
1981	136.1	128.5	126.1	125.9	127.4	131.8	134.2	138.6	147.4	149.5	142.6	141.1	140.3
1982		132.0	134.0										

See footnotes at end of tables.

INDEXES OF AGGREGATE WEEKLY PAYROLLS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS
1977 = 100

SIC 21—TOBACCO MANUFACTURES

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	100.0	97.9	105.5	92.2	92.7	87.5	95.6	87.1	103.6	109.2	107.6	109.8	111.2
1978	109.7	104.5	104.0	105.6	99.6	100.4	111.2	98.8	112.3	119.5	116.5	120.5	124.1
1979	117.5	111.5	108.4	112.5	109.4	112.9	112.9	104.9	121.5	133.1	129.9	123.1	130.3
1980	132.4	121.2	120.5	120.4	121.8	119.9	127.4	122.1	134.8	142.2	153.6	155.8	148.6
1981	156.2	152.1	148.4	138.8	137.5	143.2	151.2	152.5	171.8	177.2	170.4	169.6	161.2
1982		154.4	161.1										

SIC 22—TEXTILE MILL PRODUCTS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	100.0	92.5	95.3	96.8	97.1	98.1	101.1	99.2	102.8	103.6	103.4	105.3	104.9
1978	106.7	101.0	102.8	104.3	103.8	104.7	106.7	104.1	109.0	110.9	109.4	111.4	112.4
1979	113.8	110.1	109.5	111.1	104.6	110.2	113.1	110.1	116.0	118.4	118.8	121.5	122.3
1980	117.5	120.5	119.9	120.8	116.7	114.3	111.7	106.4	116.0	118.8	119.5	122.0	123.8
1981	122.1	120.0	119.5	120.3	118.4	122.2	124.2	121.3	127.2	125.3	124.8	123.1	119.0
1982		94.0	114.8										

SIC 23—APPAREL AND OTHER TEXTILE PRODUCTS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	100.0	89.9	96.1	98.3	96.3	98.8	103.7	95.6	101.4	103.4	105.1	105.7	105.7
1978	110.2	97.8	105.0	109.9	110.8	110.5	113.7	105.9	111.9	114.3	113.4	115.0	113.6
1979	114.5	111.2	112.8	115.4	110.3	114.8	117.5	111.4	114.2	115.2	117.2	116.5	117.0
1980	119.8	115.4	118.9	120.8	118.4	117.5	121.2	112.2	120.3	122.2	123.6	123.3	124.3
1981	129.0	122.0	123.8	128.2	126.9	131.4	134.8	125.9	132.6	132.0	133.1	131.0	125.8
1982		106.3	125.6										

SIC 26—PAPER AND ALLIED PRODUCTS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	100.0	92.2	92.7	94.0	96.9	97.9	102.2	101.1	102.8	104.7	104.0	104.3	107.3
1978	110.8	103.3	103.2	106.8	107.0	108.9	114.6	114.2	112.3	114.2	112.3	115.8	117.4
1979	122.9	114.4	114.8	117.4	115.9	119.3	124.4	124.8	126.6	127.7	127.8	129.3	131.9
1980	130.8	128.5	127.9	128.5	128.3	125.4	128.3	127.1	130.3	133.2	133.5	137.0	141.7
1981	143.0	137.6	135.9	137.1	138.4	140.2	145.2	145.6	145.7	153.7	145.7	145.2	146.1
1982		141.3	141.7										

SIC 27—PRINTING AND PUBLISHING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	100.0	92.7	94.7	96.5	96.9	98.3	99.5	99.1	101.1	104.0	104.4	105.2	107.5
1978	110.2	102.9	104.3	108.2	108.0	107.5	109.4	109.6	111.4	112.6	113.0	116.5	119.3
1979	121.8	115.2	116.8	119.4	115.6	119.4	120.5	120.9	123.3	125.5	125.3	128.1	130.9
1980	130.9	127.2	127.6	129.0	127.2	128.3	127.9	127.8	131.0	133.8	133.6	135.2	141.9
1981	142.6	136.8	137.1	138.9	138.9	140.5	140.8	141.5	143.9	146.5	146.6	147.9	152.2
1982		146.2	149.1										

SIC 28—CHEMICALS AND ALLIED PRODUCTS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	100.0	92.9	94.3	96.0	98.2	98.9	101.4	101.2	101.6	102.8	102.9	103.9	105.8
1978	111.5	104.4	105.8	108.1	109.3	110.6	112.5	112.4	112.8	114.1	114.6	116.1	117.5
1979	121.9	116.1	116.0	117.7	120.2	119.7	122.7	122.4	123.0	124.1	125.1	127.2	128.3
1980	130.3	127.4	127.3	128.8	130.1	129.3	129.8	127.3	128.3	130.8	131.9	135.1	137.3
1981	143.9	136.4	137.8	139.7	141.8	142.9	145.9	145.5	145.0	150.7	146.6	146.5	147.6
1982		145.1	145.8										

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1977 = 100

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 29—PETROLEUM AND COAL PRODUCTS													
1977	100.0	86.8	88.0	93.1	98.0	99.8	103.7	105.9	103.5	105.4	106.0	104.8	104.9
1978	116.0	106.8	108.1	110.5	113.1	112.6	117.7	120.7	120.2	120.8	120.3	121.5	119.0
1979	127.8	116.0	117.2	124.0	127.7	127.9	129.0	132.2	130.2	134.8	132.3	134.4	127.7
1980	119.8	104.3	73.3	70.0	98.8	127.0	133.0	136.8	135.5	139.6	141.3	142.1	136.3
1981	151.2	142.5	144.7	145.2	154.2	154.8	155.8	158.2	153.0	158.4	151.5	151.0	144.9
1982		142.3	142.0										
SIC 30—RUBBER AND MISC. PLASTICS PRODUCTS													
1977	100.0	93.4	94.8	95.9	97.5	98.5	102.8	98.2	100.0	103.1	104.1	105.2	106.4
1978	112.6	103.0	102.3	106.2	108.0	109.5	113.9	110.4	113.6	117.4	119.8	122.2	125.3
1979	125.1	123.4	124.8	126.0	118.9	124.4	126.7	124.0	123.3	126.3	128.0	127.2	128.3
1980	123.3	126.8	125.3	126.2	123.9	115.8	115.5	108.8	118.2	123.5	128.1	131.7	135.8
1981	138.7	134.2	132.1	135.4	137.0	141.2	143.2	137.8	142.8	142.8	141.6	138.5	137.5
1982		130.9	136.6										
SIC 31—LEATHER AND LEATHER PRODUCTS													
1977	100.0	91.3	97.2	98.0	98.8	103.0	105.4	94.3	100.7	99.3	102.9	105.5	103.6
1978	109.4	100.7	103.3	107.5	110.8	113.2	117.0	104.9	111.6	111.0	110.7	111.5	110.6
1979	110.7	109.7	108.4	109.4	107.2	113.0	117.2	101.7	111.4	112.7	111.8	112.8	112.7
1980	113.6	111.4	113.4	113.0	113.9	115.1	117.3	101.0	115.4	114.2	115.2	116.0	116.7
1981	124.4	117.3	119.8	121.3	121.1	127.8	132.7	120.3	127.9	127.0	129.2	126.9	121.5
1982		109.3	112.7										
PRIVATE SERVICE-PRODUCING[1]													
1977	100.0	92.8	93.8	94.7	96.7	98.3	100.3	102.0	102.2	102.8	104.2	104.9	107.3
1978	113.1	105.0	105.7	107.5	110.1	111.1	113.9	115.4	115.7	116.2	117.7	118.4	121.1
1979	126.4	118.5	119.4	121.1	121.9	123.3	126.7	128.5	129.1	129.9	130.4	132.5	135.0
1980	139.4	131.7	132.6	134.7	135.4	136.5	139.2	140.7	141.7	142.0	143.9	146.1	148.2
1981	154.5	146.0	147.5	148.7	151.1	152.1	154.7	156.7	158.2	158.2	158.5	160.3	161.3
1982		157.1	158.9										
TRANSPORTATION AND PUBLIC UTILITIES													
1977	100.0	92.0	94.0	93.8	96.1	98.1	100.4	102.0	102.1	104.2	104.4	105.9	107.0
1978	112.0	103.5	106.5	107.1	108.8	110.2	113.0	111.5	114.2	115.2	117.3	117.4	119.6
1979	125.1	116.7	118.2	118.5	114.2	120.3	125.7	127.2	130.1	131.6	131.7	133.9	133.2
1980	134.9	129.0	128.9	130.1	131.6	131.7	133.2	135.4	135.5	137.9	141.0	141.3	143.0
1981	146.1	138.6	140.5	140.0	142.4	143.5	147.4	147.6	149.6	151.0	150.0	151.4	150.7
1982		145.3	148.1										
WHOLESALE AND RETAIL TRADE													
1977	100.0	92.5	92.5	94.0	96.3	98.2	100.7	102.5	102.5	102.6	103.8	104.8	109.5
1978	113.8	104.8	104.0	106.6	109.7	111.2	114.6	116.9	117.0	117.2	118.3	119.9	125.0
1979	126.2	119.4	118.7	121.1	123.3	123.9	126.9	128.1	128.2	128.5	128.7	131.3	135.9
1980	135.2	129.8	129.1	130.9	131.0	132.5	134.6	136.2	137.6	137.4	138.1	140.9	144.8
1981	147.3	140.0	139.3	141.1	144.1	145.1	147.8	150.1	151.3	151.8	150.0	151.8	155.1
1982		147.1	147.9										

INDEXES OF AGGREGATE WEEKLY PAYROLLS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS
1977 = 100

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 50,51—WHOLESALE TRADE													
1977	100.0	93.3	93.6	94.6	96.7	98.1	100.0	101.6	101.7	103.0	105.1	105.2	107.4
1978	115.2	106.0	106.3	108.6	111.3	111.9	115.2	117.3	117.9	119.8	121.6	122.0	124.9
1979	130.7	122.6	123.0	126.1	126.9	128.4	131.6	132.4	132.6	134.2	135.0	136.7	139.1
1980	142.3	136.7	137.5	139.5	139.8	140.3	141.0	141.6	142.7	144.3	146.0	147.9	150.1
1981	156.8	149.2	149.5	151.9	153.5	154.8	156.7	159.0	160.4	159.8	161.8	162.8	162.7
1982		159.2	160.3										
SIC 52-59—RETAIL TRADE													
1977	100.0	92.1	92.0	93.8	96.0	98.2	101.1	103.0	103.0	102.4	103.2	104.6	110.6
1978	113.0	104.2	102.9	105.6	108.8	110.8	114.3	116.7	116.6	115.7	116.5	118.7	125.1
1979	123.7	117.6	116.4	118.4	121.3	121.5	124.4	125.8	125.9	125.4	125.3	128.4	134.2
1980	131.5	126.1	124.5	126.2	126.3	128.3	131.2	133.3	134.8	133.8	133.9	137.1	142.0
1981	142.2	135.0	133.9	135.3	139.1	139.9	143.0	145.4	146.4	147.5	143.6	145.8	151.1
1982		140.7	141.3										
FINANCE, INSURANCE, AND REAL ESTATE[2]													
1977	100.0	95.4	95.5	96.0	97.4	98.9	99.6	101.6	101.8	101.4	103.8	103.6	104.8
1978	113.8	106.7	107.4	108.1	111.0	111.0	114.5	117.3	116.5	116.6	118.5	118.5	120.0
1979	128.3	121.7	123.3	123.0	125.1	125.1	128.0	131.1	130.8	131.7	131.4	133.4	135.2
1980	145.8	135.9	138.5	141.4	141.5	142.7	147.5	147.8	149.4	148.1	150.4	153.2	153.0
1981	162.9	155.7	158.8	158.5	159.5	160.7	162.8	165.3	168.0	164.6	166.2	168.1	166.6
1982		167.6	169.1										
SERVICES													
1977	100.0	93.0	94.6	95.5	97.2	98.4	100.1	101.6	101.9	102.7	104.7	104.8	105.6
1978	112.9	105.4	106.8	108.5	111.0	111.4	113.5	115.3	114.8	115.6	117.0	117.2	117.8
1979	126.7	117.6	119.9	122.0	123.5	123.9	126.7	128.9	129.2	130.2	131.2	132.8	135.0
1980	144.6	134.0	136.9	139.5	140.5	141.7	145.2	146.7	147.4	147.7	150.2	152.5	153.4
1981	164.6	153.9	157.3	159.2	161.1	162.1	164.2	166.6	167.8	167.4	170.5	172.5	172.4
1982		171.5	174.1										

See footnotes at end of tables.

GROSS AVERAGE HOURLY AND AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, IN CURRENT AND 1977 DOLLARS

TOTAL PRIVATE

GROSS AVERAGE HOURLY EARNINGS IN CURRENT DOLLARS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	5.25	5.07	5.10	5.12	5.16	5.20	5.22	5.25	5.26	5.35	5.39	5.40	5.41
1978	5.69	5.48	5.50	5.53	5.60	5.62	5.66	5.70	5.71	5.82	5.87	5.88	5.91
1979	6.16	5.97	6.00	6.02	6.03	6.08	6.11	6.16	6.18	6.30	6.31	6.34	6.38
1980	6.66	6.42	6.45	6.50	6.53	6.56	6.61	6.64	6.68	6.79	6.86	6.92	6.94
1981	7.25	7.03	7.06	7.10	7.13	7.17	7.20	7.24	7.30	7.40	7.42	7.47	7.45
1982		7.55	7.54										

GROSS AVERAGE HOURLY EARNINGS IN 1977 DOLLARS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	5.25	5.25	5.23	5.21	5.21	5.23	5.21	5.22	5.21	5.28	5.30	5.29	5.28
1978	5.29	5.32	5.30	5.29	5.31	5.28	5.26	5.26	5.24	5.31	5.31	5.29	5.29
1979	5.14	5.29	5.26	5.22	5.17	5.15	5.11	5.10	5.07	5.11	5.08	5.06	5.04
1980	4.89	4.99	4.95	4.92	4.88	4.86	4.84	4.86	4.86	4.89	4.90	4.90	4.87
1981	4.83	4.89	4.86	4.86	4.85	4.84	4.82	4.79	4.79	4.81	4.82	4.83	4.81
1982		4.86	4.84										

GROSS AVERAGE WEEKLY EARNINGS IN CURRENT DOLLARS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	189.00	178.97	182.58	183.30	184.73	186.68	189.49	191.10	190.94	193.14	194.58	193.86	195.84
1978	203.70	192.35	194.15	197.97	200.48	200.63	204.89	206.91	206.70	208.94	210.73	210.50	213.35
1979	219.91	210.74	212.40	214.91	211.65	215.84	219.35	221.76	222.48	225.54	225.27	225.70	229.04
1980	235.10	225.34	226.40	228.80	229.20	229.60	233.33	234.39	237.14	239.69	242.16	244.28	247.06
1981	255.20	246.75	247.10	249.92	250.98	252.38	254.88	257.74	259.88	259.74	261.18	262.20	262.24
1982		255.95	262.39										

GROSS AVERAGE WEEKLY EARNINGS IN 1977 DOLLARS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	189.00	185.27	187.07	186.66	186.60	187.62	189.11	189.96	189.05	190.47	191.33	189.87	191.06
1978	189.31	186.57	187.04	189.44	190.03	188.38	190.42	190.88	189.81	190.46	190.53	189.30	190.83
1979	183.41	186.83	186.15	186.39	181.36	182.76	183.56	183.42	182.36	182.92	181.23	179.98	180.77
1980	172.74	175.36	173.75	173.07	171.43	170.07	170.94	171.59	172.47	172.69	172.97	172.88	173.38
1981	170.13	171.83	170.18	171.06	170.73	170.18	170.49	170.35	170.64	168.88	169.49	169.71	169.30
1982		164.70	168.31										

MINING

GROSS AVERAGE HOURLY EARNINGS IN CURRENT DOLLARS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	6.94	6.80	6.81	6.84	6.86	6.86	6.94	6.99	6.93	7.12	7.13	7.18	6.76
1978	7.67	6.90	6.92	6.94	7.61	7.63	7.69	7.82	7.80	7.95	7.98	8.06	8.06
1979	8.49	8.21	8.22	8.28	8.55	8.45	8.50	8.53	8.49	8.58	8.58	8.72	8.74
1980	9.17	8.86	8.89	8.94	9.09	9.06	9.15	9.07	9.16	9.30	9.36	9.49	9.56

See footnotes at end of tables.

GROSS AVERAGE HOURLY AND AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, IN CURRENT AND 1977 DOLLARS

MINING

GROSS AVERAGE HOURLY EARNINGS IN CURRENT DOLLARS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1981	10.05	9.77	9.85	9.84	9.71	9.68	9.93	10.09	10.12	10.27	10.25	10.39	10.41
1982		10.65	10.62										

GROSS AVERAGE HOURLY EARNINGS IN 1977 DOLLARS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	6.94	7.04	6.98	6.97	6.93	6.89	6.93	6.95	6.86	7.02	7.01	7.03	6.60
1978	7.13	6.69	6.67	6.64	7.21	7.16	7.15	7.21	7.16	7.25	7.22	7.25	7.21
1979	7.08	7.28	7.20	7.18	7.33	7.16	7.11	7.06	6.96	6.96	6.90	6.95	6.90
1980	6.74	6.90	6.83	6.76	6.80	6.71	6.70	6.64	6.66	6.70	6.68	6.71	6.71
1981	6.70	6.80	6.78	6.74	6.60	6.53	6.64	6.67	6.65	6.67	6.65	6.73	6.72
1982		6.86	6.81										

GROSS AVERAGE WEEKLY EARNINGS IN CURRENT DOLLARS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	301.20	283.56	288.74	292.75	296.35	296.35	302.58	308.26	300.76	313.99	317.29	318.07	288.65
1978	332.88	288.42	296.87	301.20	331.80	331.14	336.05	337.82	337.74	345.83	348.73	353.03	349.80
1979	365.07	348.10	350.17	355.21	364.23	361.24	367.20	355.70	365.92	373.23	374.95	381.06	383.69
1980	397.06	384.52	384.94	388.00	389.96	386.86	396.20	380.94	395.71	404.55	409.03	413.76	422.55
1981	439.19	426.95	422.57	417.22	423.36	424.95	420.04	439.92	447.30	450.85	456.13	461.32	466.37
1982		456.89	463.03										

GROSS AVERAGE WEEKLY EARNINGS IN 1977 DOLLARS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	301.20	293.54	295.84	298.12	299.34	297.84	301.98	306.42	297.78	309.65	311.99	312.53	281.61
1978	309.37	279.75	286.00	288.23	314.50	310.93	312.31	311.64	310.14	315.25	315.31	317.47	312.88
1979	304.48	308.60	306.90	308.07	312.11	305.88	307.28	294.21	299.93	302.70	301.65	303.88	302.83
1980	291.74	299.24	295.43	293.49	291.67	286.56	290.26	278.87	287.79	291.46	292.16	292.82	296.53
1981	292.79	297.32	291.03	285.57	288.00	286.55	280.96	290.76	293.70	293.14	296.00	298.59	301.08
1982		294.01	297.00										

CONSTRUCTION

GROSS AVERAGE HOURLY EARNINGS IN CURRENT DOLLARS

Year	Ann Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	8.10	8.02	7.95	7.95	7.95	7.97	8.01	8.05	8.11	8.26	8.29	8.26	8.29
1978	8.66	8.35	8.33	8.40	8.40	8.52	8.57	8.64	8.74	8.89	8.90	8.90	8.94
1979	9.27	8.99	9.03	8.99	9.04	9.15	9.14	9.26	9.34	9.52	9.49	9.51	9.57
1980	9.94	9.47	9.60	9.66	9.69	9.78	9.81	9.92	10.06	10.20	10.27	10.27	10.36
1981	10.80	10.46	10.45	10.48	10.47	10.57	10.64	10.79	10.92	11.07	11.16	11.18	11.26
1982		11.59	11.32										

GROSS AVERAGE HOURLY AND AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, IN CURRENT AND 1977 DOLLARS

CONSTRUCTION

GROSS AVERAGE HOURLY EARNINGS IN 1977 DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	8.10	8.30	8.15	8.10	8.03	8.01	7.99	8.00	8.03	8.15	8.15	8.09	8.09
1978	8.05	8.10	8.03	8.04	7.96	8.00	7.96	7.97	8.03	8.10	8.05	8.00	8.00
1979	7.73	7.97	7.91	7.80	7.75	7.75	7.65	7.66	7.66	7.72	7.63	7.58	7.55
1980	7.30	7.37	7.36	7.31	7.24	7.24	7.19	7.26	7.32	7.35	7.34	7.27	7.27
1981	7.20	7.29	7.20	7.17	7.12	7.13	7.12	7.13	7.17	7.20	7.24	7.23	7.27
1982		7.46	7.26										

GROSS AVERAGE WEEKLY EARNINGS IN CURRENT DOLLARS

1977	295.65	271.88	289.38	289.38	291.77	294.09	296.37	300.27	299.26	303.14	308.39	298.19	299.27
1978	318.69	275.55	288.22	304.08	309.96	312.68	324.80	330.05	331.25	333.38	337.31	324.85	331.67
1979	342.99	311.95	320.57	333.53	321.82	341.30	347.32	350.03	355.85	361.76	357.77	348.07	356.00
1980	367.78	334.29	342.72	349.69	355.62	361.86	372.78	374.98	376.24	387.60	390.26	378.96	385.39
1981	398.52	381.79	366.80	390.90	387.39	391.09	395.81	407.86	408.41	396.31	419.62	414.78	417.75
1982		385.95	406.39										

GROSS AVERAGE WEEKLY EARNINGS IN 1977 DOLLARS

1977	295.65	281.45	296.50	294.68	294.72	295.57	295.78	298.48	296.30	298.95	303.24	292.06	291.97
1978	296.18	267.26	277.67	290.99	293.80	293.60	301.86	304.47	304.18	303.90	304.98	292.13	296.66
1979	286.06	276.55	280.96	289.27	275.77	288.99	290.64	289.52	291.68	293.40	287.83	277.57	280.98
1980	270.23	260.15	263.02	264.52	265.98	268.04	273.10	274.51	273.63	279.25	278.76	268.20	270.45
1981	265.68	265.87	252.62	267.56	263.53	263.72	264.76	269.57	268.16	257.68	272.30	268.47	269.69
1982		248.36	260.67										

MANUFACTURING

GROSS AVERAGE HOURLY EARNINGS IN CURRENT DOLLARS

1977	5.68	5.50	5.48	5.52	5.56	5.60	5.65	5.69	5.69	5.79	5.82	5.85	5.93
1978	6.17	5.97	5.98	6.01	6.04	6.07	6.11	6.18	6.17	6.29	6.33	6.39	6.48
1979	6.70	6.50	6.53	6.56	6.55	6.63	6.67	6.72	6.70	6.80	6.82	6.87	6.98
1980	7.27	6.97	7.00	7.07	7.10	7.14	7.21	7.29	7.31	7.43	7.50	7.60	7.70
1981	7.99	7.73	7.75	7.81	7.88	7.92	7.97	8.02	8.03	8.16	8.16	8.20	8.27
1982		8.42	8.34										

GROSS AVERAGE HOURLY EARNINGS IN 1977 DOLLARS

1977	5.68	5.69	5.61	5.62	5.62	5.63	5.64	5.66	5.63	5.71	5.72	5.73	5.79
1978	5.73	5.79	5.76	5.75	5.73	5.70	5.68	5.70	5.67	5.73	5.72	5.75	5.80
1979	5.59	5.76	5.72	5.69	5.61	5.61	5.58	5.56	5.49	5.52	5.49	5.48	5.51
1980	5.34	5.42	5.37	5.34	5.31	5.29	5.28	5.34	5.31	5.35	5.36	5.38	5.41
1981	5.33	5.38	5.34	5.34	5.36	5.34	5.33	5.30	5.27	5.30	5.30	5.31	5.34
1982		5.42	5.35										

GROSS AVERAGE WEEKLY EARNINGS IN CURRENT DOLLARS

1977	228.90	215.05	218.65	221.90	222.96	226.24	230.52	228.17	229.31	235.65	236.29	238.10	243.72
1978	249.27	234.02	236.81	242.80	244.02	245.23	249.29	249.05	249.27	256.00	257.00	261.35	268.27
1979	269.34	260.65	262.51	266.34	254.80	265.86	269.47	268.13	268.00	274.04	274.85	277.55	285.48
1980	288.62	277.41	278.60	281.39	279.74	280.60	284.07	282.85	288.01	295.71	298.50	305.52	314.16

See footnotes at end of tables.

GROSS AVERAGE HOURLY AND AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, IN CURRENT AND 1977 DOLLARS

MANUFACTURING

GROSS AVERAGE WEEKLY EARNINGS IN CURRENT DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1981	318.00	308.43	306.13	311.62	312.84	317.59	320.39	317.59	320.40	322.32	323.95	325.54	329.97
1982		312.38	326.93										

GROSS AVERAGE WEEKLY EARNINGS IN 1977 DOLLARS

1977	228.90	222.62	224.03	225.97	225.21	227.38	230.06	226.81	227.04	232.40	232.34	233.20	237.78
1978	231.66	226.98	228.14	232.34	231.30	230.26	231.68	229.75	228.90	233.36	232.37	235.03	239.96
1979	224.64	231.07	230.07	231.00	218.34	225.11	225.50	221.78	219.67	222.25	221.12	221.33	225.32
1980	212.06	215.88	213.81	212.85	209.23	207.85	208.11	207.06	209.46	213.05	213.21	216.22	220.46
1981	212.00	214.78	210.83	213.29	212.82	214.15	214.31	209.91	210.37	209.57	210.22	210.71	213.02
1982		201.02	209.70										

TRANSPORTATION AND PUBLIC UTILITIES

GROSS AVERAGE HOURLY EARNINGS IN CURRENT DOLLARS

1977	6.99	6.71	6.75	6.74	6.86	6.89	6.90	7.03	7.04	7.15	7.22	7.26	7.30
1978	7.57	7.35	7.39	7.35	7.46	7.47	7.48	7.55	7.64	7.75	7.77	7.77	7.84
1979	8.16	7.90	7.91	7.89	7.88	7.93	8.02	8.18	8.30	8.43	8.42	8.50	8.53
1980	8.87	8.54	8.57	8.61	8.69	8.70	8.73	8.88	8.93	9.02	9.19	9.27	9.29
1981	9.70	9.32	9.43	9.40	9.52	9.57	9.61	9.67	9.87	9.95	9.94	10.05	10.06
1982		10.10	10.13										

GROSS AVERAGE HOURLY EARNINGS IN 1977 DOLLARS

1977	6.99	6.95	6.92	6.86	6.93	6.92	6.89	6.99	6.97	7.05	7.10	7.11	7.12
1978	7.04	7.13	7.12	7.03	7.07	7.01	6.95	6.96	7.02	7.06	7.03	6.99	7.01
1979	6.81	7.00	6.93	6.84	6.75	6.71	6.71	6.77	6.80	6.84	6.77	6.78	6.73
1980	6.52	6.65	6.58	6.52	6.50	6.44	6.39	6.50	6.49	6.50	6.56	6.56	6.52
1981	6.47	6.49	6.50	6.43	6.48	6.45	6.43	6.39	6.48	6.47	6.45	6.50	6.49
1982		6.50	6.50										

GROSS AVERAGE WEEKLY EARNINGS IN CURRENT DOLLARS

1977	278.90	263.70	269.33	268.25	272.34	274.22	277.38	281.90	283.01	285.29	287.36	291.85	293.46
1978	302.80	288.86	296.34	295.47	296.91	298.05	300.70	302.00	307.89	307.68	310.80	310.02	315.17
1979	325.58	312.84	315.61	314.02	308.11	314.82	321.60	327.20	334.49	336.36	336.80	341.70	341.20
1980	351.25	337.33	337.66	340.10	343.26	341.91	345.71	354.31	354.52	358.09	365.76	367.09	371.60
1981	382.18	367.21	372.49	370.36	374.14	376.10	381.52	383.90	389.87	390.04	388.65	393.96	395.36
1982		388.85	397.10										

GROSS AVERAGE WEEKLY EARNINGS IN 1977 DOLLARS

1977	278.90	272.98	275.95	273.17	275.09	275.60	276.83	280.22	280.21	281.35	282.56	285.85	286.30
1978	281.41	280.17	285.49	282.75	281.43	279.86	279.46	278.60	282.73	280.47	281.01	278.79	281.91
1979	271.54	277.34	276.61	272.35	264.02	266.57	269.12	270.64	274.17	272.80	270.96	272.49	269.30
1980	258.08	262.51	259.14	257.26	256.74	253.27	253.27	259.38	257.83	257.99	261.26	259.79	260.77
1981	254.79	255.72	256.54	253.50	254.52	253.61	255.20	253.73	255.99	253.60	252.21	254.99	255.24
1982		250.23	254.71										

GROSS AVERAGE HOURLY AND AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, IN CURRENT AND 1977 DOLLARS

WHOLESALE AND RETAIL TRADE

GROSS AVERAGE HOURLY EARNINGS IN CURRENT DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	4.28	4.16	4.19	4.20	4.22	4.24	4.25	4.28	4.27	4.34	4.37	4.38	4.38
1978	4.67	4.55	4.55	4.56	4.61	4.61	4.63	4.67	4.68	4.75	4.79	4.81	4.81
1979	5.06	4.97	4.98	4.99	5.01	5.01	5.03	5.05	5.06	5.14	5.15	5.18	5.18
1980	5.48	5.35	5.36	5.40	5.41	5.42	5.44	5.48	5.49	5.56	5.59	5.65	5.62
1981	5.93	5.80	5.84	5.85	5.87	5.89	5.88	5.91	5.94	6.04	6.01	6.04	6.02
1982		6.17	6.16										

GROSS AVERAGE HOURLY EARNINGS IN 1977 DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	4.28	4.31	4.29	4.28	4.26	4.26	4.24	4.25	4.23	4.28	4.30	4.29	4.27
1978	4.34	4.41	4.38	4.36	4.37	4.33	4.30	4.31	4.30	4.33	4.33	4.33	4.30
1979	4.22	4.41	4.36	4.33	4.29	4.24	4.21	4.18	4.15	4.17	4.14	4.13	4.09
1980	4.03	4.16	4.12	4.08	4.04	4.02	3.98	4.01	3.99	4.01	4.00	4.00	3.94
1981	3.95	4.04	4.02	4.01	3.99	3.97	3.93	3.91	3.90	3.93	3.90	3.91	3.89
1982		3.97	3.95										

GROSS AVERAGE WEEKLY EARNINGS IN CURRENT DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	142.52	136.45	138.27	139.02	139.68	140.77	142.80	145.95	145.18	144.09	145.08	144.10	146.29
1978	153.64	146.51	146.97	149.11	150.75	150.75	153.72	157.38	156.78	155.80	156.63	156.33	159.21
1979	164.96	159.04	159.86	161.68	162.83	162.32	165.49	168.17	167.99	167.56	166.86	167.83	170.42
1980	176.46	170.67	170.98	172.80	172.58	173.44	175.71	178.65	180.07	179.03	179.44	181.37	182.65
1981	190.95	183.86	185.71	186.62	188.43	188.48	190.51	193.85	194.83	194.49	192.32	192.68	194.45
1982		191.89	194.66										

GROSS AVERAGE WEEKLY EARNINGS IN 1977 DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	142.52	141.25	141.67	141.57	141.09	141.48	142.51	145.08	143.74	142.10	142.65	141.14	142.72
1978	142.79	142.10	141.59	142.69	142.89	141.55	142.86	145.18	143.97	142.02	141.62	140.58	142.41
1979	137.58	140.99	140.11	140.23	139.53	137.44	138.49	139.10	137.70	135.90	134.24	133.84	134.51
1980	129.65	132.82	131.22	130.71	129.08	128.47	128.73	130.78	130.96	128.98	128.17	128.36	128.18
1981	127.30	128.04	127.90	127.73	128.18	127.09	127.43	128.12	127.93	126.46	124.80	124.71	125.53
1982		123.48	124.86										

FINANCE, INSURANCE AND REAL ESTATE[a]

GROSS AVERAGE HOURLY EARNINGS IN CURRENT DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	4.54	4.47	4.48	4.46	4.48	4.52	4.49	4.54	4.54	4.58	4.64	4.63	4.67
1978	4.89	4.76	4.76	4.76	4.83	4.84	4.87	4.92	4.90	4.96	5.01	5.01	5.06
1979	5.27	5.12	5.17	5.14	5.21	5.20	5.21	5.29	5.28	5.37	5.36	5.41	5.48
1980	5.79	5.54	5.61	5.68	5.68	5.70	5.77	5.77	5.83	5.87	5.92	6.02	6.01
1981	6.31	6.11	6.22	6.20	6.21	6.25	6.25	6.28	6.38	6.39	6.43	6.52	6.47
1982		6.56	6.62										

GROSS AVERAGE HOURLY EARNINGS IN 1977 DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	4.54	4.63	4.59	4.54	4.53	4.54	4.48	4.51	4.50	4.52	4.56	4.53	4.56
1978	4.54	4.62	4.59	4.56	4.58	4.54	4.53	4.54	4.50	4.52	4.53	4.51	4.53
1979	4.40	4.54	4.53	4.46	4.46	4.40	4.36	4.38	4.33	4.36	4.31	4.31	4.33
1980	4.25	4.31	4.30	4.30	4.25	4.22	4.23	4.23	4.24	4.23	4.23	4.26	4.22

See footnotes at end of tables.

GROSS AVERAGE HOURLY AND AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, IN CURRENT AND 1977 DOLLARS

FINANCE, INSURANCE AND REAL ESTATE[a]

GROSS AVERAGE HOURLY EARNINGS IN 1977 DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1981	4.21	4.25	4.28	4.24	4.22	4.21	4.18	4.15	4.19	4.16	4.17	4.22	4.17
1982		4.22	4.24										

GROSS AVERAGE WEEKLY EARNINGS IN CURRENT DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	165.26	163.60	163.07	162.34	163.07	164.53	163.44	165.71	165.71	166.25	169.36	168.07	169.99
1978	178.00	173.26	173.26	172.79	176.78	175.21	177.27	180.07	178.85	180.54	182.87	181.86	183.68
1979	190.77	186.37	188.19	186.58	189.12	187.20	188.08	191.50	190.61	194.39	194.03	196.38	199.47
1980	209.60	200.55	203.64	206.18	205.62	205.77	210.03	208.87	211.63	211.91	214.90	218.53	218.16
1981	229.05	222.40	226.41	225.68	225.42	225.63	225.63	227.96	232.23	230.04	232.77	236.02	234.21
1982		237.47	239.64										

GROSS AVERAGE WEEKLY EARNINGS IN 1977 DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	165.26	169.36	167.08	165.32	164.72	165.36	163.11	164.72	164.07	163.95	166.53	164.61	165.84
1978	165.43	168.05	166.92	165.35	167.56	164.52	164.75	166.12	164.23	164.58	165.34	163.54	164.29
1979	159.11	165.22	164.93	161.82	162.06	158.51	157.39	158.40	156.24	157.66	156.10	156.60	157.43
1980	154.00	156.07	156.29	155.96	153.79	152.42	153.87	152.91	153.91	152.67	153.50	154.66	153.09
1981	152.70	154.87	155.93	154.47	153.35	152.14	150.92	150.67	152.48	149.57	151.05	152.76	151.20
1982		152.81	153.71										

SERVICES

GROSS AVERAGE HOURLY EARNINGS IN CURRENT DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	4.65	4.55	4.58	4.58	4.60	4.62	4.60	4.60	4.61	4.71	4.76	4.78	4.80
1978	4.99	4.89	4.91	4.91	4.95	4.95	4.93	4.95	4.93	5.06	5.12	5.13	5.16
1979	5.36	5.24	5.27	5.27	5.29	5.27	5.28	5.30	5.31	5.45	5.48	5.54	5.61
1980	5.85	5.65	5.70	5.75	5.75	5.79	5.81	5.79	5.82	5.93	6.00	6.09	6.12
1981	6.41	6.21	6.27	6.29	6.30	6.34	6.33	6.34	6.41	6.52	6.58	6.67	6.66
1982		6.79	6.79										

GROSS AVERAGE HOURLY EARNINGS IN 1977 DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	4.65	4.71	4.69	4.66	4.65	4.64	4.59	4.57	4.56	4.64	4.68	4.68	4.68
1978	4.64	4.74	4.73	4.70	4.69	4.65	4.58	4.57	4.53	4.61	4.63	4.61	4.62
1979	4.47	4.65	4.62	4.57	4.53	4.46	4.42	4.38	4.35	4.42	4.41	4.42	4.43
1980	4.30	4.40	4.37	4.35	4.30	4.29	4.26	4.24	4.23	4.27	4.28	4.31	4.29
1981	4.27	4.32	4.32	4.30	4.29	4.27	4.24	4.19	4.21	4.24	4.27	4.31	4.30
1982		4.37	4.35										

GROSS AVERAGE WEEKLY EARNINGS IN CURRENT DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	153.45	149.24	150.68	150.22	150.88	151.54	152.72	154.10	154.44	155.43	157.56	157.26	158.40
1978	163.67	160.39	160.56	161.05	162.36	161.87	163.18	164.84	163.68	165.46	167.42	167.24	167.70
1979	175.27	169.78	170.75	171.80	171.93	171.28	173.71	176.49	176.29	178.22	178.65	180.60	184.01
1980	190.71	183.63	185.25	186.88	186.30	187.60	190.57	191.65	192.64	193.32	195.60	198.53	199.51
1981	208.97	201.83	204.40	205.05	205.38	206.05	206.99	209.85	210.89	211.25	213.85	216.78	217.12
1982		219.32	220.68										

GROSS AVERAGE HOURLY AND AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, IN CURRENT AND 1977 DOLLARS

SERVICES

GROSS AVERAGE WEEKLY EARNINGS IN 1977 DOLLARS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	153.45	154.49	154.39	152.97	152.40	152.30	152.42	153.18	152.91	153.29	154.93	154.03	154.54
1978	152.11	155.57	154.68	154.11	153.90	151.99	151.65	152.07	150.30	150.83	151.37	150.40	150.00
1979	146.18	150.51	149.65	149.00	147.33	145.03	145.36	145.98	144.50	144.54	143.72	144.02	145.23
1980	140.12	142.90	142.17	141.36	139.34	138.96	139.61	140.30	140.10	139.29	139.71	140.50	140.01
1981	139.31	140.55	140.77	140.35	139.71	138.94	138.45	138.70	138.47	137.35	138.77	140.31	140.17
1982		141.13	141.55										

See footnotes at end of tables.

EARNINGS EXCLUDING OVERTIME PAY

AVERAGE HOURLY EARNINGS EXCLUDING OVERTIME OF PRODUCTION WORKERS IN MANUFACTURING, BY MAJOR INDUSTRY GROUP IN DOLLARS[2]

MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	5.44	5.29	5.27	5.30	5.35	5.38	5.41	5.46	5.45	5.53	5.56	5.60	5.67
1978	5.91	5.73	5.73	5.76	5.79	5.82	5.86	5.92	5.91	6.00	6.05	6.10	6.19
1979	6.43	6.23	6.26	6.29	6.34	6.37	6.40	6.46	6.43	6.52	6.55	6.60	6.70
1980	7.02	6.71	6.76	6.81	6.86	6.92	6.99	7.07	7.06	7.16	7.23	7.32	7.41
1981	7.72	7.46	7.49	7.54	7.63	7.64	7.69	7.75	7.74	7.87	7.89	7.94	8.00
1982		8.17	8.10										

SIC 24,25,32-39—DURABLE GOODS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	5.80	5.63	5.61	5.65	5.69	5.74	5.78	5.82	5.81	5.89	5.94	5.97	6.05
1978	6.29	6.09	6.09	6.12	6.16	6.20	6.23	6.29	6.29	6.39	6.45	6.50	6.60
1979	6.83	6.62	6.65	6.69	6.74	6.78	6.82	6.87	6.84	6.93	6.95	7.00	7.12
1980	7.49	7.12	7.19	7.26	7.31	7.37	7.46	7.54	7.54	7.65	7.74	7.83	7.92
1981	8.25	7.96	7.99	8.05	8.14	8.17	8.23	8.28	8.25	8.41	8.44	8.50	8.55
1982		8.68	8.65										

SIC 24—LUMBER AND WOOD PRODUCTS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	4.87	4.76	4.72	4.71	4.76	4.78	4.82	4.86	4.90	4.99	5.01	5.03	5.04
1978	5.35	5.18	5.16	5.17	5.19	5.25	5.40	5.45	5.41	5.47	5.49	5.49	5.52
1979	5.81	5.55	5.57	5.58	5.66	5.71	5.88	5.95	5.93	6.00	5.94	5.96	5.98
1980	6.32	5.97	6.08	6.09	6.06	6.19	6.33	6.49	6.51	6.55	6.51	6.55	6.50
1981	6.78	6.56	6.57	6.55	6.59	6.68	6.85	6.91	6.88	6.95	6.89	6.96	6.97
1982		7.20	7.07										

SIC 25—FURNITURE AND FIXTURES

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	4.21	4.08	4.09	4.12	4.14	4.15	4.19	4.23	4.25	4.27	4.28	4.32	4.35
1978	4.52	4.42	4.40	4.41	4.44	4.47	4.50	4.54	4.56	4.59	4.61	4.64	4.68
1979	4.92	4.73	4.79	4.81	4.85	4.86	4.92	4.92	4.96	5.02	5.03	5.07	5.11
1980	5.37	5.14	5.20	5.25	5.28	5.33	5.40	5.45	5.44	5.46	5.47	5.51	5.55
1981	5.77	5.58	5.61	5.63	5.67	5.70	5.75	5.79	5.84	5.87	5.91	5.93	5.98
1982		6.16	6.08										

SIC 32—STONE, CLAY, AND GLASS PRODUCTS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	5.51	5.29	5.32	5.33	5.41	5.46	5.51	5.54	5.55	5.58	5.61	5.67	5.70
1978	5.98	5.75	5.74	5.77	5.84	5.91	5.97	6.01	6.04	6.10	6.12	6.18	6.23
1979	6.49	6.25	6.26	6.30	6.40	6.41	6.48	6.53	6.53	6.61	6.64	6.72	6.77
1980	7.17	6.75	6.82	6.93	7.03	7.14	7.21	7.27	7.29	7.32	7.37	7.45	7.48
1981	7.91	7.56	7.56	7.59	7.75	7.82	7.92	8.00	8.02	8.13	8.12	8.17	8.22
1982		8.39	8.29										

See footnotes at end of tables.

AVERAGE HOURLY EARNINGS EXCLUDING OVERTIME OF PRODUCTION WORKERS IN MANUFACTURING, BY MAJOR INDUSTRY GROUP IN DOLLARS[2]

SIC 33—PRIMARY METAL INDUSTRIES

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	7.08	6.70	6.73	6.78	6.87	7.03	7.07	7.14	7.22	7.29	7.33	7.37	7.40
1978	7.81	7.49	7.58	7.59	7.63	7.68	7.72	7.81	7.91	8.00	8.01	8.11	8.14
1979	8.57	8.20	8.32	8.32	8.55	8.44	8.50	8.64	8.71	8.76	8.72	8.88	8.91
1980	9.44	8.95	9.08	9.10	9.20	9.34	9.40	9.57	9.56	9.64	9.77	9.92	9.95
1981	10.42	9.95	10.16	10.12	10.35	10.27	10.33	10.39	10.58	10.78	10.62	10.77	10.77
1982		10.90	10.89										

SIC 34—FABRICATED METAL PRODUCTS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	5.66	5.51	5.50	5.54	5.55	5.60	5.65	5.65	5.67	5.73	5.78	5.81	5.84
1978	6.07	5.86	5.87	5.93	5.98	6.01	6.02	6.07	6.08	6.15	6.21	6.25	6.33
1979	6.57	6.35	6.39	6.46	6.47	6.52	6.55	6.57	6.58	6.66	6.70	6.74	6.86
1980	7.20	6.83	6.90	6.99	7.04	7.11	7.22	7.21	7.26	7.37	7.43	7.49	7.57
1981	7.93	7.62	7.65	7.74	7.80	7.88	7.92	7.94	7.97	8.06	8.11	8.19	8.27
1982		8.33	8.35										

SIC 35—MACHINERY, EXCEPT ELECTRICAL

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	5.97	5.79	5.80	5.81	5.86	5.89	5.94	5.97	5.99	6.07	6.13	6.16	6.21
1978	6.45	6.23	6.27	6.30	6.31	6.34	6.40	6.44	6.45	6.55	6.61	6.66	6.76
1979	6.99	6.75	6.80	6.84	6.88	6.92	7.00	7.03	7.03	7.13	7.10	7.14	7.24
1980	7.68	7.31	7.35	7.42	7.49	7.57	7.64	7.73	7.73	7.88	7.97	8.05	8.12
1981	8.48	8.17	8.21	8.27	8.34	8.39	8.44	8.51	8.50	8.63	8.70	8.76	8.83
1982		8.89	8.90										

SIC 36—ELECTRIC AND ELECTRONIC EQUIPMENT

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	5.22	5.08	5.07	5.09	5.11	5.13	5.17	5.24	5.26	5.31	5.32	5.36	5.44
1978	5.63	5.48	5.47	5.49	5.52	5.54	5.55	5.64	5.67	5.72	5.74	5.76	5.87
1979	6.11	5.91	5.93	5.96	5.98	6.02	6.05	6.09	6.17	6.24	6.26	6.28	6.40
1980	6.75	6.45	6.50	6.56	6.60	6.60	6.69	6.79	6.82	6.91	6.97	7.03	7.10
1981	7.41	7.17	7.20	7.23	7.29	7.30	7.35	7.45	7.51	7.54	7.59	7.62	7.68
1982		7.80	7.77										

SIC 37—TRANSPORTATION EQUIPMENT

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	6.88	6.67	6.66	6.71	6.72	6.76	6.85	6.85	6.84	6.95	7.08	7.13	7.26
1978	7.47	7.20	7.21	7.29	7.32	7.33	7.38	7.41	7.38	7.55	7.70	7.76	7.91
1979	8.12	7.87	7.86	7.94	7.98	8.09	8.11	8.12	8.04	8.19	8.30	8.36	8.57
1980	8.99	8.45	8.53	8.67	8.72	8.78	8.94	9.01	9.04	9.21	9.38	9.47	9.66
1981	10.00	9.64	9.63	9.78	9.83	9.88	10.01	10.02	9.97	10.12	10.36	10.39	10.41
1982		10.49	10.51										

AVERAGE HOURLY EARNINGS EXCLUDING OVERTIME OF PRODUCTION WORKERS IN MANUFACTURING, BY MAJOR INDUSTRY GROUP IN DOLLARS[1]

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 38—INSTRUMENTS AND RELATED PRODUCTS													
1977	5.14	5.04	5.03	5.03	5.05	5.07	5.07	5.15	5.18	5.21	5.22	5.27	5.34
1978	5.54	5.39	5.41	5.43	5.47	5.51	5.50	5.56	5.57	5.58	5.60	5.65	5.75
1979	5.99	5.81	5.83	5.85	5.90	5.94	5.94	6.01	5.97	6.00	6.12	6.17	6.27
1980	6.61	6.37	6.38	6.42	6.45	6.53	6.61	6.70	6.67	6.71	6.74	6.79	6.90
1981	7.23	6.97	6.99	7.02	7.07	7.10	7.13	7.24	7.35	7.37	7.40	7.48	7.59
1982		7.75	7.75										
SIC 39—MISCELLANEOUS MANUFACTURING INDUSTRIES													
1977	4.24	4.16	4.15	4.17	4.19	4.22	4.23	4.28	4.24	4.27	4.27	4.31	4.40
1978	4.55	4.47	4.42	4.46	4.49	4.52	4.53	4.58	4.56	4.58	4.60	4.64	4.72
1979	4.89	4.80	4.82	4.81	4.86	4.88	4.87	4.91	4.89	4.90	4.94	4.97	5.06
1980	5.33	5.16	5.18	5.22	5.27	5.31	5.33	5.38	5.35	5.38	5.41	5.46	5.56
1981	5.82	5.68	5.68	5.70	5.77	5.78	5.78	5.85	5.81	5.89	5.89	5.94	6.04
1982		6.15	6.16										
SIC 20-23,26-31—NONDURABLE GOODS													
1977	4.91	4.79	4.78	4.80	4.84	4.84	4.87	4.94	4.94	4.99	5.00	5.04	5.10
1978	5.32	5.18	5.18	5.19	5.22	5.24	5.27	5.35	5.34	5.38	5.42	5.47	5.52
1979	5.78	5.60	5.61	5.64	5.72	5.70	5.72	5.82	5.81	5.87	5.91	5.97	6.03
1980	6.32	6.07	6.07	6.10	6.17	6.23	6.29	6.40	6.40	6.45	6.49	6.56	6.62
1981	6.93	6.71	6.73	6.76	6.85	6.85	6.87	6.97	6.96	7.08	7.07	7.12	7.20
1982		7.42	7.31										
SIC 20—FOOD AND KINDRED PRODUCTS													
1977	5.11	4.99	4.99	5.01	5.06	5.08	5.06	5.10	5.10	5.15	5.17	5.26	5.34
1978	5.53	5.37	5.41	5.44	5.47	5.50	5.48	5.51	5.51	5.56	5.60	5.68	5.74
1979	5.97	5.81	5.83	5.85	5.94	5.94	5.94	5.97	5.95	5.97	6.03	6.17	6.24
1980	6.54	6.31	6.36	6.40	6.47	6.52	6.54	6.56	6.53	6.57	6.61	6.73	6.79
1981	7.10	6.85	6.91	6.98	7.05	7.09	7.09	7.12	7.12	7.18	7.17	7.27	7.34
1982		7.46	7.43										
SIC 21—TOBACCO MANUFACTURES													
1977	5.40	5.15	5.39	5.40	5.50	5.46	5.67	5.62	5.36	5.30	5.22	5.40	5.51
1978	5.96	5.78	5.82	6.00	6.10	6.15	6.30	6.31	5.99	5.75	5.69	5.84	6.00
1979	6.55	6.28	6.44	6.54	6.75	6.74	6.73	6.74	6.41	6.28	6.23	6.84	6.81
1980	7.57	7.00	7.32	7.50	7.66	7.53	7.93	8.02	7.66	7.38	7.47	7.63	7.87
1981	8.65	8.25	8.31	8.53	8.79	8.80	9.14	9.21	8.44	8.49	8.46	8.79	8.81
1982		9.08	9.40										
SIC 22—TEXTILE MILL PRODUCTS													
1977	3.82	3.70	3.70	3.70	3.73	3.71	3.74	3.88	3.90	3.92	3.92	3.94	3.96
1978	4.11	4.00	3.98	3.99	4.00	4.01	4.02	4.14	4.19	4.22	4.23	4.26	4.28
1979	4.47	4.33	4.32	4.33	4.35	4.34	4.35	4.48	4.57	4.61	4.62	4.65	4.65
1980	4.88	4.69	4.70	4.71	4.72	4.73	4.77	4.92	5.02	5.06	5.07	5.10	5.12
1981	5.32	5.14	5.15	5.15	5.18	5.18	5.19	5.30	5.43	5.49	5.52	5.54	5.55
1982		5.62	5.60										

See footnotes at end of tables.

AVERAGE HOURLY EARNINGS EXCLUDING OVERTIME OF PRODUCTION WORKERS IN MANUFACTURING, BY MAJOR INDUSTRY GROUP IN DOLLARS[1]

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 23—APPAREL AND OTHER TEXTILE PRODUCTS													
1977	3.56	3.51	3.48	3.51	3.51	3.50	3.55	3.54	3.55	3.61	3.62	3.63	3.70
1978	3.87	3.80	3.79	3.82	3.84	3.83	3.84	3.85	3.86	3.91	3.93	3.95	4.00
1979	4.17	4.11	4.10	4.12	4.14	4.13	4.14	4.17	4.14	4.20	4.24	4.25	4.31
1980	4.50	4.38	4.39	4.41	4.41	4.40	4.45	4.45	4.52	4.60	4.63	4.65	4.71
1981	4.89	4.81	4.79	4.85	4.88	4.88	4.89	4.85	4.88	4.96	4.96	4.96	4.96
1982		5.12	5.06										
SIC 26—PAPER AND ALLIED PRODUCTS													
1977	5.64	5.44	5.44	5.47	5.51	5.53	5.59	5.69	5.71	5.77	5.80	5.84	5.89
1978	6.16	5.92	5.96	5.97	5.98	6.03	6.15	6.25	6.21	6.27	6.30	6.37	6.42
1979	6.75	6.44	6.49	6.53	6.61	6.62	6.69	6.79	6.84	6.91	6.95	7.02	7.09
1980	7.46	7.12	7.16	7.19	7.27	7.32	7.45	7.58	7.59	7.63	7.68	7.75	7.83
1981	8.17	7.84	7.87	7.90	7.97	8.00	8.11	8.28	8.23	8.41	8.38	8.47	8.54
1982		8.61	8.58										
SIC 27—PRINTING AND PUBLISHING													
1977	5.90	5.77	5.79	5.80	5.81	5.85	5.88	5.90	5.93	5.97	6.00	6.03	6.04
1978	6.26	6.13	6.13	6.14	6.16	6.19	6.23	6.26	6.29	6.33	6.35	6.41	6.45
1979	6.69	6.51	6.52	6.54	6.55	6.64	6.68	6.70	6.71	6.79	6.83	6.86	6.93
1980	7.28	6.99	7.05	7.08	7.11	7.21	7.25	7.31	7.37	7.44	7.48	7.53	7.58
1981	7.92	7.66	7.71	7.75	7.79	7.83	7.88	7.95	7.97	8.07	8.11	8.14	8.19
1982		8.32	8.31										
SIC 28—CHEMICALS AND ALLIED PRODUCTS													
1977	6.18	5.97	5.97	5.98	6.04	6.08	6.14	6.21	6.23	6.29	6.36	6.41	6.46
1978	6.73	6.52	6.54	6.56	6.59	6.67	6.69	6.77	6.78	6.83	6.90	6.93	7.00
1979	7.30	7.03	7.05	7.08	7.21	7.19	7.24	7.31	7.35	7.41	7.51	7.56	7.62
1980	8.00	7.67	7.71	7.75	7.82	7.90	7.98	8.09	8.11	8.16	8.21	8.27	8.35
1981	8.78	8.41	8.46	8.51	8.62	8.65	8.72	8.82	8.83	8.98	9.02	9.08	9.20
1982		9.33	9.36										
SIC 29—PETROLEUM AND COAL PRODUCTS													
1977	7.48	7.19	7.45	7.51	7.47	7.44	7.44	7.49	7.47	7.51	7.55	7.58	7.65
1978	8.23	8.08	8.23	8.17	8.16	8.17	8.15	8.20	8.21	8.26	8.26	8.36	8.44
1979	8.92	8.58	8.68	8.89	8.99	8.92	8.88	8.94	8.91	9.01	9.04	9.09	9.06
1980	9.67	9.06	8.93	8.84	9.42	9.65	9.86	9.85	9.80	9.89	9.91	10.06	9.96
1981	10.90	10.64	10.87	10.79	10.92	10.78	10.81	10.95	10.85	11.04	10.96	11.06	11.20
1982		11.39	11.83										
SIC 30—RUBBER AND MISC. PLASTICS PRODUCTS													
1977	4.95	4.88	4.85	4.86	4.90	4.89	4.95	4.98	4.97	4.99	5.00	5.04	5.09
1978	5.28	5.14	5.13	5.12	5.15	5.22	5.25	5.30	5.32	5.34	5.41	5.46	5.50
1979	5.76	5.56	5.58	5.60	5.65	5.66	5.69	5.79	5.78	5.85	5.94	5.97	6.04
1980	6.31	6.09	6.10	6.10	6.16	6.22	6.28	6.35	6.38	6.41	6.49	6.55	6.63
1981	6.90	6.70	6.71	6.73	6.82	6.86	6.86	6.92	6.96	7.01	7.03	7.08	7.15
1982		7.28	7.25										

AVERAGE HOURLY EARNINGS EXCLUDING OVERTIME OF PRODUCTION WORKERS IN MANUFACTURING, BY MAJOR INDUSTRY GROUP IN DOLLARS[2]

SIC 31—LEATHER AND LEATHER PRODUCTS

Year	Ann Avg	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1977	3.52	3.46	3.48	3.51	3.50	3.51	3.50	3.49	3.50	3.55	3.57	3.59	3.60
1978	3.80	3.72	3.75	3.76	3.77	3.78	3.78	3.81	3.78	3.83	3.85	3.89	3.92
1979	4.14	4.05	4.06	4.09	4.12	4.10	4.09	4.11	4.13	4.19	4.23	4.25	4.27
1980	4.49	4.39	4.41	4.42	4.44	4.45	4.45	4.48	4.51	4.53	4.56	4.60	4.65
1981	4.90	4.76	4.79	4.82	4.87	4.86	4.86	4.88	4.88	5.00	5.00	5.02	5.06
1982		5.10	5.14										

See footnotes at end of tables.

Footnotes

1. Includes all divisions except government.

2. Data relate to production workers in mining and manufacturing; to construction workers in construction; and to nonsupervisory workers in transportation and public utilities; wholesale and retail trade; finance, insurance, and real estate; and services.

3. Includes mining, construction, and manufacturing.

4. Data relate to production workers in mining and manufacturing, and to construction workers in construction.

5. 11-month average.

6. Not available.

7. Includes transportation and public utilities; wholesale and retail trade; finance, insurance, and real estate; services; and government.

8. Includes transportation and public utilities; wholesale and retail trade; finance, insurance, and real estate; and services.

9. Data relate to nonsupervisory workers in transportation and public utilities; wholesale and retail trade; finance, insurance, and real estate; and services.

10. Data are based on reports summarized in the M-300 report by the Interstate Commerce Commission and relate to employment at the middle of the month. Hours and earnings averages are based upon monthly data (exclusive of switching and terminal companies) and relate to all employees who received pay during the month, with the exception of executives, officials, and staff assistants (ICC Group 1). Beginning with January 1978, data relate to line haul railroads with annual operating revenues of $50 million or more. This class included all railroads with operating revenues of $10 million or more for the years 1976 and 1977.

11. Excludes data for telegraph messengers.

12. Data relate to employees in such occupations in the telephone industry as switchboard operators, service assistants, operating room instructors, and pay-station attendants.

13. Data relate to employees in such occupations in the telephone industry as central office craftworkers; installation and exchange repair craftworkers; line, cable, and conduit craftworkers; and laborers.

14. Beginning with February 1977, data not strictly comparable with previous months due to change in pay practices of a large reporter.

15. Money payments only; tips not included.

16. Excludes data on nonoffice sales agents.

17. Money payments only; additional value of board, room, uniforms, and tips not included.

18. "All employees" estimates prepared by the Office of Personnel Management; "women employees" estimates derived from the BLS sample. Data relate to civilian employment only and exclude Central Intelligence and National Security Agencies.

19. Data from 1979 forward have been revised.

20. Data exclude, as nominal employees, elected officials of small local units and paid volunteers firefighters. Data for the summer period are adjusted to include regular full-time teachers whether or not paid in those months.

21. Derived by assuming that overtime hours are paid at the rate of time and one-half.

Technical Note

This technical note describes the method of collection, concepts, scope, and estimating methods used in the preparation of the employment, hours, and earnings series shown in this supplement.

COLLECTION

Payroll reports provide current information on wage and salary employment, hours, and earnings in nonagricultural establishments, by industry and geographic location.

Federal-State cooperation

As a result of cooperative arrangements between the State agencies and the Bureau of Labor Statistics, respondents need to fill out only one employment reporting form, which is then used for national, State, and area estimates. This eliminates duplicate reporting on the part of respondents and, together with the use of similar estimating techniques at the national and State levels, promotes increased comparability between estimates.

State agencies mail the forms to the establishments and examine the returns for consistency, accuracy, and completeness. The States use the information to prepare State and area series and then send the establishment data to the BLS (Washington Office) for use in preparing the national series.

Shuttle schedules

Form BLS 790—Report on Employment, Payroll, and Hours is the name of the data collection schedule. The collecting agency returns the schedule to the respondent each month so that the next month's data can be entered on the space alloted for that month. This "shuttle" procedure assures maximum comparability and accuracy of reporting, since the respondent can see the figures that have been reported for previous months.

Form BLS 790 provides for entry of data on the total number of workers, both full- and part-time, on the payrolls of nonagricultural establishments and, for most industries, payroll and hours of production and related workers or nonsupervisory workers for the pay period which includes the 12th of the month

CONCEPTS

Industrial classification

Establishments reporting on Form BLS 790 are classified into industries on the basis of their principal products or activity determined from information on annual sales volume. Since January 1980, this information is collected on a supplement to the quarterly unemployment insurance tax reports filed by employers. For an establishment making more than one product or engaging in more than one activity, the entire employment of the establishment is included under the industry indicated by the principal product or activity.

All national, State, and area employment, hours, and earning series are classified according to the *Standard Industrial Classification Manual,* 1972, Office of Management and Budget.

Industry employment

Employment data, except those for employees of the Federal Government, refer to persons on establishment payrolls who received pay for any part of the pay period which includes the 12th of the month. For Federal Government establishments, employment figures represent the number of persons who occupied positions on the last day of the calendar month. Intermittent workers are counted if they performed any service during the month.

The data exclude proprietors, the self-employed, unpaid volunteer or family workers, farm workers, and domestic workers in households. Salaried officers of corporations are included. Government employment covers only civilian employees; military personnel are excluded. Employees of the Central Intelligence and National Security Agencies are also excluded.

Persons on establishment payrolls who are on paid sick leave (when pay is received directly from the firm), on paid holiday or paid vacation, or who work during a part of the pay period even though they are unemployed or on strike during the rest of the period, are counted as employed. Not counted as employed are persons who are laid off, on leave without pay, or on strike for the entire period, or who are hired but have not been paid during the period.

Industry hours and earnings

Hours and earnings data are derived from reports of payrolls and hours for production and related workers in manufacturing and mining, construction workers in construction, and nonsupervisory employees in the remaining private nonagricultural components. These terms are defined below. When the pay period reported is longer than 1 week, the figures are converted to a weekly basis.

Production and related workers include working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard services, product development, auxiliary production for a plant's own use (e.g., power plant), and recordkeeping and other services closely associated with the above production operations.

Construction workers include the following employees in the construction division: Working supervisors, qualified craft workers, mechanics, apprentices, laborers, etc., whether working at the site of construction or in shops or yards, at jobs ordinarily performed by members of the construction trades (such as precutting and preassembling).

Nonsupervisory employees include employees (not above the working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, physicians, lawyers, accountants, nurses, social workers, teachers, research aides, drafters, photographers, beauticians, musicians, restaurant workers, custodial workers, attendants, line installers, laborers, janitors, guards, and other employees at similar occupational levels, whose services are closely associated with those of the employees listed.

Payroll covers the payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of the pay period which includes the 12th of the month. The payroll is reported before deductions of any kind, e.g., for old-age and unemployment insurance, group insurance, withholding taxes, bonds, or union dues; also included is pay for overtime, holidays, vacations and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), other pay not earned in the pay period reported (e.g., retroactive pay), tips, and the value of free rent, fuel, meals, or other payment in kind are excluded. Moreover, "fringe benefits" (such as health and other types of insurance, contributions to retirement, etc., paid by the employer) are also excluded.

Hours cover hours paid for, during the pay period which includes the 12th of the month, for production, construction, or nonsupervisory workers. The hours include hours paid for holidays and vacations, and for sick leave when pay is received directly from the firm.

Overtime hours cover hours worked by production or related workers for which overtime premiums were paid because the hours exceeded the number of hours of either the straight-time workday or the workweek during the pay period which includes the 12th of the month. Weekend and holiday hours are included only if overtime premiums were paid. Hours for which only shift differential, hazard, incentive, or other similar types of premiums were paid are excluded.

Gross average hourly and weekly earnings

Average hourly earnings are on a "gross" basis. They reflect not only changes in basic hourly and incentive wage rates but also such variable factors as premium pay for overtime and late-shift work and changes in output of workers paid on an incentive plan. They also reflect shifts in the number of employees between relatively high-paid and low-paid work and changes in workers' earnings in individual establishments. Averages for groups and divisions further reflect changes in average hourly earnings for individual industries.

Averages of hourly earnings differ from wage rates. Earnings are the actual return to the worker for a stated period of time; rates are the amounts stipulated for a given unit of work or time. The earnings series does not measure the level of total labor costs on the part of the employer since the following are excluded: Irregular bonuses, retroactive items, payments of various welfare benefits, payroll taxes paid by employers, and earnings for those employees not covered under the production worker, construction worker, or nonsupervisory employee definitions.

Gross average weekly earnings are derived by multiplying average weekly hours by average hourly earnings. Therefore, weekly earnings are affected not only by changes in gross average hourly earnings but also by changes in the length of the workweek. In addition, monthly variations in such factors as proportion of part-time workers, stoppages for varying reasons, labor turnover during the survey period, and absenteeism for which employees are not paid may cause the average workweek to fluctuate.

Long-term trends of gross average weekly earnings can be affected by structural changes in the makeup of the work force. For example, persistent long-term increases in the proportion of part-time workers in retail trade and many of the service industries have reduced average workweeks in these industries and have affected the average weekly earnings series.

Average weekly hours

The workweek information relates to the average hours for which pay was received and is different from standard or scheduled hours. Such factors as absenteeism, labor turnover, part-time work, and stoppages cause average weekly hours to be lower than scheduled hours of work for an establishment. Group averages further reflect changes in the workweek of component industries.

Average overtime hours

The overtime hours represent that portion of gross average weekly hours which exceeds regular hours and for which overtime premiums are paid. If an employee were to work on a paid holiday at regular rates, receiving as total compensation holiday pay plus straight-time pay for hours worked that day, no overtime hours would be reported.

Since overtime hours are premium hours by definition, gross weekly hours and overtime hours do not necessarily move in the same direction from month to month; for example, overtime premiums may be paid for hours exceeding the straight-time workday although less than a full week is worked. Diverse trends at the industry-group level also may be caused by a marked change in gross hours for a component industry where little or no overtime was worked in both the previous and current months. In addition, such factors as stoppages, absenteeism, and labor turnover may not have the same influence on overtime as on gross hours.

Railroad hours and earnings

The figures for Class I railroads (excluding switching and terminal companies) are based on monthly data summarized in the M-300 report of the Interstate Commerce Commission and relate to all employees except executives, officials, and staff assistants (ICC Group I), who received pay during the month. Gross average hourly earnings are computed by dividing total compensation by total hours paid for. Average weekly hours are obtained by dividing the total number of hours paid for, converted to a weekly basis, by the number of employees, as defined above. Gross average weekly earnings are derived by multiplying average weekly hours by average hourly earnings.

Real earnings

"Real" earnings, or earnings in constant dollars, are calculated from the earnings averages for the current month by using a deflator derived from the Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W).

Average hourly earnings excluding overtime

Average hourly earnings excluding overtime premium pay are computed by dividing the total production-worker payroll for the industry group by the sum of total production-worker hours and one-half of total overtime hours. Only earnings due to overtime paid for at 1-1/2 times the straight-time rates are eliminated. No adjustment is made for other premium payment provisions, such as holiday work, late-shift work, and overtime rates other than time and one-half.

Indexes of aggregate weekly payrolls and hours

The indexes of aggregate weekly payrolls and hours are prepared by dividing the current month's aggregate by the monthly average for 1977. The hour aggregates are the product of average weekly hours and production-worker employment, and the payroll aggregates are the product of hour aggregates and average hourly earnings. At all higher levels of aggregation, hour and payroll aggregates are the sum of the component aggregates.

ESTIMATING METHODS

The principal features of the procedure used to estimate employment for the industry statistics are (1) the use of the "link relative" technique, which is a form of ratio estimation, (2) the use of size and regional stratification, and (3) periodic adjustment of employment levels to new benchmarks.

The "link relative" technique

From a sample composed of establishments reporting for both the previous and current months, the ratio of current-month employment to that of the previous month is computed. This is called a "link relative." The estimates of employment (all employees, including production and nonproduction workers together) for the current month are obtained by multiplying the estimates for the previous month by these "link relatives." In addition, small bias correction factors are applied to selected employment estimates each month. The size of the bias correction factors

is determined from past experience. Other features of the general procedures are summarized later in table E. Further details are given in the *BLS Handbook of Methods*, Bulletin 1910 (1976), chapter 3. Reprints are available upon request.

Size and regional stratification

A number of industries are stratified by size of establishment and/or by region, and the stratified production- or nonsupervisory-worker data are used to weight the hours and earnings into broader industry groupings. Accordingly, the basic estimating cell for an employment, hours, or earnings series, as the term is used in table E, may be a whole industry or a size stratum, a region stratum, or a size stratum of a region within an industry.

Benchmark adjustments

Employment estimates are compared periodically with comprehensive counts of employment which provide "benchmarks" for the various nonagricultural industries, and appropriate adjustments are made as indicated. The industry estimates are currently projected from March 1981 levels. Normally, benchmark adjustments are made annually.

The primary sources of benchmark information are the employment data by industry, compiled quarterly by State agencies from reports of establishments covered under State unemployment insurance laws. These tabulations cover about 98 percent of employees on nonagricultural payrolls in the United States. Benchmark data for the residual are obtained from the records of the Social Security Administration, the Interstate Commerce Commission, and a number of other agencies in private industry or government.

The estimates for the benchmark month are compared with new benchmark levels, industry by industry. If revisions are necessary, the monthly series of estimates between benchmark periods are adjusted at levels between the new benchmark and the preceding one, and the new benchmark for each industry then is carried forward progressively to the current month by use of the sample trends. Thus, under this procedure, the benchmark is used to establish the level of employment; the sample is used to measure the month-to-month changes in the level.

Data for all months since the last benchmark to which the series has been adjusted are therefore subject to revision. Revised data are published as soon as possible after each benchmark revision.

THE SAMPLE

Design

The sampling plan used in the current employment statistics program is an optimum allocation design known as "sampling proportionate to average size of establishment." Under this type of design, large establishments fall into the sample with certainty. The size of the samples for the various industries is determined empirically on the basis of experience and of cost consideration. In a manufacturing industry in which a high proportion of total employment is concentrated in relatively few establishments, a large percentage of total employment is included in the sample. Consequently, the sample design for such industries provides for a complete census of the larger establishments with only a few chosen from among the smaller establishments or none at all if the concentration of employment is great enough. On the other hand, in an industry in which a large proportion of total employment is in small establishments, the sample design calls for inclusion of all large establishments and also for a substantial number of the smaller ones. Many industries in the trade and services divisions fall into this category. To keep the sample to a size which can be handled by available resources, it is necessary to design samples for these industries with a smaller proportion of universe employment than is the case for most manufacturing industries. Since individual establishments in these nonmanufacturing divisions generally show less fluctuation from regular cyclical or seasonal patterns than do establishments in manufacturing industries, these smaller samples (in terms of employment) generally produce reliable estimates.

In the context of the BLS employment statistics programs, with their emphasis on producing timely data at minimum cost, a sample must be obtained which will provide coverage of a sufficiently large segment of the universe to provide reasonably reliable estimates that can be published promptly and regularly. The present sample meets these specifications for most industries. With its use, the BLS is able to produce preliminary estimates each month for many industries and for many geographic levels within a few weeks after reports are mailed by respondents and, at a somewhat later date, statistics in considerably greater industrial detail. The tendency of such a sample to produce biased estimates of the level of earnings for certain industries is counteracted by the stratified estimating procedure described under "Estimating Methods."

Coverage

The BLS sample of establishment employment and payrolls is the largest monthly sampling operation in the field of social statistics. Table A shows the approximate proportion of total employment in each industry division covered by the group of establishments furnishing monthly employment data. The coverage for individual industries within the division may vary from the proportions shown.

Table A. Approximate size and coverage of BLS employment and payrolls sample, March 1981[1]

Industry division	Number of establishments in sample	Employees	
		Number reported	Percent of total
Total	177,500	35,740,500	40
Mining	2,400	387,000	35
Construction	17,300	677,000	17
Manufacturing	45,000	10,951,000	55
Transportation and public utilities:			
Railroad transportation (ICC)	37	459,500	92
Other transportation and public utilities	8,100	2,717,000	53
Wholesale and retail trade	43,900	3,398,000	17
Finance, insurance, and real estate	12,200	1,950,000	37
Services	28,700	3,787,000	21
Government:			
Federal[2]	4,900	2,769,000	100
State and local	15,000	8,645,000	63

[1] Since a few establishments do not report payroll and hours information, hours and earnings estimates may be based on a slightly smaller sample than employment estimates.
[2] National estimates of Federal employment by agency are provided to BLS by the Office of Personnel Management. Detailed industry estimates for the Executive Branch, as well as State and area estimates of Federal employment, are based on a sample of 4,900 reports covering about 60 percent of employment in Federal establishments.

Reliability of employment estimates

The estimates derived from the establishment survey may differ from the figures that would have been obtained if it were possible to take a complete census using the same schedules and procedures. The relatively large size of the BLS establishment sample assures a high degree of accuracy. However, since the link relative technique requires the use of the previous month s estimate as the base in computing the current month's estimate, small sampling and response errors may cumulate over several months. To remove this accumulated error, the estimates are usually adjusted annually to new benchmarks. In addition to the sampling and response errors, the benchmark revision adjusts the estimates for changes in the industrial classification of individual establishments (resulting from changes in their product which are not reflected in the levels of estimates until the data are adjusted to new benchmarks). In fact, at the more detailed industry levels, particularly within manufacturing, changes in classification are the major cause of benchmark adjustments. Another cause of differences arises from improvements in the quality of the benchmark data. Table B presents the average percent revisions of the five most recent benchmarks for major industry divisions. Detailed descriptions of individual benchmark revisions are available from the Bureau upon request.

The hours and earnings estimates for cells are not subject to benchmark revisions, although the broader groupings may be affected slightly by changes in employment weights. The hours and earnings estimates, however, are subject to sampling errors which may be expressed as relative errors of the estimates. (A relative error is a standard error expressed as a percent of the estimate.) Relative errors for major industries are presented in table B and for individual industries with the specified number of employees in table C. The chances are about 2 out of 3 that the hours and earnings estimates from the sample would differ by a smaller percentage than the relative error from the averages that would have been obtained from a complete census.

One measure of the reliability of ratio estimates is the root-mean-square error (RMSE). This measure is the standard deviation adjusted for the bias in ratio estimates:

$$\text{RMSE} = \sqrt{(\text{Standard Deviation})^2 + (\text{Bias})^2}$$

If the bias is small, the chances are about 2 out of 3 that an estimate from the sample would differ from its benchmark by less than the root-mean-

Table B. Average benchmark revision in employment estimates and relative errors for average weekly hours and average hourly earnings by industry division

(In percent)

Industry division	Average benchmark revision in estimates of employment[1]	Relative errors[2]	
		Average weekly hours	Average hourly earnings
Total nonagricultural employment	0.3	–	–
Total private	.3	0.1	0.2
Mining	1.3	.5	.5
Construction	2.2	.2	.3
Manufacturing	.4	.1	.1
Durable goods	.4	.1	.1
Nondurable goods	.5	.1	.1
Transportation and public utilities	.4	.7	.4
Trade	.5	.1	.2
Wholesale	.7	.2	.3
Retail	.6	.2	.2
Finance, insurance, and real estate	.5	.2	.4
Services	.7	.4	.8
Government[3]	.5	–	–

[1] The average percent revision in employment for the following benchmarks: 1971, 1974, 1978, 1979, 1980 and 1981.
[2] Relative errors relate to March 1971 data.
[3] Estimates for government are based on a total count for Federal Government and, prior to the March 1979 revision,samples for State and local government benchmarked to a quinquennial census of government conducted by the Bureau of the Census.

square error. The chances are about 19 out of 20 that the difference would be less than twice the root-mean-square error.

Approximations of the root-mean-square errors (based on the experience of the last 5 years) of differences between final estimates and benchmarks are presented in table C.

Since the differences are those that have accumulated at the end of 12 monthly estimates, the amount of difference that accumulates in 1 month is much smaller, or approximately 1/12 of the amount indicated. Customarily, benchmarks are done annually; however, benchmarks were not done for 1975 and 1976 because the Bureau was in the process of recoding to the 1972 SIC codes.

A comparison of the actual amounts of revisions made at the time of the March 1981 benchmark adjustment is shown in table D.

Table C. Root-mean-square errors of differences between benchmarks and estimates of employment and average relative errors for average weekly hours and average hourly earnings

Size of employment estimate	Root-mean-square error of employment estimates	Relative errors[2] (in percent)	
		Average weekly hours	Average hourly earnings
50,000	2,100	0.9	1.5
100,000	4,400	.7	1.1
200,000	7,100	.5	.9
500,000	15,200	.4	.8
1,000,000	17,100	.3	.5
2,000,000	28,500	.3	.5

[1] Assuming 12-month intervals between benchmark revisions.
[2] Relative errors relate to March 1971 data.

Table D. Comparison of nonagricultural employment benchmarks and estimates for March 1981

Industry division	Benchmark, March 1981	Estimate, March 1981	Percent difference
Total	90,371,000	90,720,000	-0.4
Mining	1,107,000	1,084,000	2.1
Manufacturing	3,934,000	4,048,000	-2.9
Transportation and public utilities	20,065,000	20,016,000	.4
Wholesale and retail trade	5,102,000	5,095,000	.1
Finance, insurance, and real estate	20,096,000	20,290,000	-1.0
Services	5,239,000	5,263,000	-.5
Government	18,340,000	18,287,000	.3
	16,468,000	16,493,000	-.2

SEASONAL ADJUSTMENT

Many economic statistics reflect a regularly recurring seasonal movement which can be estimated on the basis of past experience. By eliminating that part of the change which can be ascribed to usual seasonal variation, it is possible to observe the cyclical and other nonseasonal movements in the series. However, in evaluating deviations from the seasonal pattern—that is, changes in a seasonally adjusted series—it is important to note that seasonal adjustment is merely an approximation based on past experience. Seasonally adjusted estimates have a broader margin of possible error than the original data on which they are based, since they are subject not only to sampling and other errors but, in addition, are affected by the uncertainties of the seasonal adjustment process itself. The revised seasonally adjusted series shown in this supplement reflect the experience through March 1982. Current seasonally adjusted data are published regularly in *Employment and Earnings*.

The seasonal adjustment program used for these series is an adaptation of the standard ratio-to-moving average method. It provides for "moving" adjustment factors to take account of changing seasonal patterns. A detailed description of the method is given in the publication, *X-11 Variant of the Census Method II Seasonal Adjustment Program*, Technical Paper No. 15, Bureau of the Census (1967). In addition, a new procedure called X-11 ARIMA, which was developed at Statistics Canada as an extension of the existing standard X-11 method is being used. A detailed description of the procedure appears in *The X-11 ARIMA Seasonal Adjustment Method*, by Estela Bee Dagum, Statistics Canada Catalogue No. 12-564E, February 1980.

Beginning in July 1980, the BLS used the X-11 ARIMA methodology in seasonally adjusting the establishment data, which previously had been computed using the BLS Seasonal Factor Method. All series are seasonally adjusted using the multiplicative models under X-11 ARIMA. Seasonal adjustment factors used in calculating the current year's estimates are based on actual data through March of 1982 and projected data through March 1983. Seasonal adjustment factors are directly applied to the component levels. Seasonally adjusted totals for most of these series are then obtained by taking a weighted average of the seasonally adjusted data for the component series. Seasonally adjusted average weekly earnings are the product of seasonally adjusted average hourly earnings and seasonally adjusted average weekly hours. Average weekly earnings in constant dollars, seasonally adjusted, are obtained by dividing average weekly earnings, seasonally adjusted, by the seasonally adjusted Consumer Price Index for

Urban Wage Earners and Clerical Workers (CPI-W), and multiplying by 100. Indexes of aggregate weekly hours, seasonally adjusted, are obtained by multiplying average weekly hours, seasonally adjusted, by production or nonsupervisory workers, seasonally adjusted, and dividing by the 1977 base. For total private, total goods-producing, total private service-producing, trade, manufacturing, and durable and nondurable goods industries, the indexes of aggregate weekly hours, seasonally adjusted, are obtained by summing the aggregate weekly hours, seasonally adjusted, for the appropriate component industries and dividing by the 1977 base.

Seasonal factors were not computed for a number of series characterized by small seasonal components relative to their trend-cycle and/or irregular components. These series are not shown the original or unadjusted series are used in the aggregation to broader level seasonally adjusted series.

The seasonally adjusted data for Federal Government are based on a series which excludes the Christmas temporary help employed by the Postal Service in December. The employment of these workers constitutes the only significant seasonal change in Federal Government employment during the winter months. Furthermore, the volume of such employment may change substantially from year to year because of administrative decisions by the Postal Service. Hence, it was considered desirable to exclude this group from the data upon which the seasonally adjusted series is based.

COMPARABILITY OF DATA WITH OTHER SERIES

Current Population Survey

Data based on household interviews are obtained from a sample survey of the population. The survey is conducted each month by the Bureau of the Census for the Bureau of Labor Statistics and provides a comprehensive measure of the labor force, i.e., the total number of persons 16 years of age and over who are employed or unemployed. It also provides data on their personal and economic characteristics such as age, sex, color, marital status, occupations, hours of work, and duration of unemployment. The information is collected by trained interviewers from a sample of about 60,000 households throughout the country and is based on the activity or status reported for the calendar week including the 12th of the month. These data are published monthly in *Employment and Earnings*.

Data from payroll reports and household interviews differ from each other because of differences in definition and coverage, sources of information, methods of collection, and estimating procedures. Sampling variability and response errors are additional reasons for discrepancies. For a comprehensive discussion of these differences, see Gloria P. Green's article "Comparing Employment Estimates from Household and Payroll Surveys," *Monthly Labor Review*, December 1969. Reprints of this article are available upon request from the Bureau of Labor Statistics.

Some specific factors which have a differential effect on levels and trends of the two series are described as follows:

Coverage. The household survey definition of employment comprises wage and salary workers (including domestics and other private household workers), self-employed persons, and unpaid workers who worked 15 hours or more during the survey week in family-operated enterprises. Employment in both agricultural and nonagricultural industries is included. The payroll survey covers only wage and salary employees on the payrolls of nonagricultural establishments.

Multiple jobholding. The household approach provides information on the work status of the population without duplication, since each person is classified as employed, unemployed, or not in the labor force. Employed persons holding more than one job are counted only once, and are classified according to the job at which they worked the greatest number of hours during the survey week. In the figures based on establishment records, persons who worked in more than one establishment during the reporting period are counted each time their names appear on payrolls.

Unpaid absences from jobs. The household survey includes among the employed all persons who had jobs but were not at work during the survey week—that is, were not working but had jobs from which they were temporarily absent because of illness, bad weather, vacation, labor-management dispute, or because they were taking time off for various other reasons, even if they were not paid by their employers for the time off. Payroll reports include persons on leave which is paid for by the company and exclude those on leave without pay for the entire payroll period.

Hours of work. The household survey measures hours actually worked, whereas the payroll survey measures hours paid for by employers. In the household survey data, all persons with a job but not at work are excluded from the hours distributions and the computations of average hours. In the payroll survey, employees on paid vacation, paid holiday, or paid sick leave are included and assigned the number of hours for which they were paid during the reporting period.

County Business Patterns

Data in *County Business Patterns*, published by the Bureau of the Census, differ from BLS establishment statistics in the treatment of central administrative offices and auxiliary units. Differences also may arise because of industrial classification and reporting practices. In addition, CBP excludes interstate railroads and government, and coverage is incomplete for some of the nonprofit activities.

Employment covered by State unemployment insurance programs

Most nonagricultural wage and salary workers are covered by the unemployment insurance programs. Beginning in January 1972, coverage was expanded to include employees of small firms and selected nonprofit activities which had not been covered previously. However, certain activities, such as interstate railroads, unpaid members of religious orders working in parochial schools, and churches are not covered by unemployment insurance whereas these are included in BLS establishment statistics. Beginning in January 1978, coverage was extended to include almost all State and local government employees.

Statistics on manufactures and business, Bureau of the Census

BLS establishment statistics on employment differ from employment counts derived by the Bureau of the Census from its censuses or annual sample surveys of manufacturing establishments and the censuses of business establishments. The major reasons for noncomparability are different treatment of business units considered parts of an establishment, such as central administrative offices and auxiliary units, the industrial classification of establishments, and different reporting patterns by multiunit companies. There are also differences in the scope of the industries covered, e.g., the Census of Business excludes professional services, public utilities, and financial establishments, whereas these are included in the BLS statistics.

Table E. Summary of methods for computing industry statistics on employment, hours, and earnings

Item	Basic estimating cell (industry, region, size, or region/size cell)	Aggregate industry levels (divisions, groups and, where stratified, individual cells)
	Monthly data	
All employees	All-employee estimate for previous month multiplied by ratio of all employees in current month to all employees in previous month, for sample establishments which reported for both months.[1]	Sum of all-employee estimates for component cells.
Production or nonsupervisory workers, women employees	All-employee estimate for current month multiplied by (1) ratio of production or nonsupervisory workers to all employees in sample establishments for current month, (2) estimated ratio of women to all employees.[2]	Sum of production- or nonsupervisory-worker estimates, or estimates of women employees, for component cells.
Gross average weekly hours	Production- or nonsupervisory-worker hours divided by number of production or nonsupervisory workers.[2]	Average, weighted by production- or nonsupervisory-worker employment, of the average weekly hours for component cells.
Average weekly overtime hours	Production-worker overtime hours divided by number of production workers.[2]	Average, weighted by production-worker employment, of the average weekly overtime hours for component cells.
Gross average hourly earnings	Total production- or nonsupervisory-worker payroll divided by total production- or nonsupervisory-worker hours.[2]	Average, weighted by aggregate hours, of the average hourly earnings for component cells.
Gross average weekly earnings	Product of gross average weekly hours and average hourly earnings.	Product of gross average weekly hours and average hourly earnings.
	Annual average data	
All employees, women employees, and production or nonsupervisory workers	Sum of monthly estimates divided by 12.	Sum of monthly estimates divided by 12.
Gross average weekly hours	Annual total of aggregate hours (production- or nonsupervisory-worker employment multiplied by average weekly hours) divided by annual sum of employment.	Annual total of aggregate hours for production or nonsupervisory workers divided by annual sum of employment for these workers.
Average weekly overtime hours	Annual total of aggregate overtime hours (production-worker employment multiplied by average weekly overtime hours) divided by annual sum of employment.	Annual total of aggregate overtime hours for production workers divided by annual sum of employment for these workers
Gross average hourly earnings	Annual total of aggregate payrolls (product of production- or nonsupervisory-worker employment by weekly hours and hourly earnings) divided by annual aggregate hours.	Annual total by aggregate payrolls divided by annual aggregate hours.
Gross average weekly earnings	Product of gross average weekly hours and average hourly earnings.	Product of gross average weekly hours and average hourly earnings.

[1] The estimates result from multiplying the product shown by bias adjustment factors to compensate for the underrepresentation of newly formed enterprises in the sample and other bias sources.

[2] The sample production-worker ratio, women-worker ratio, average weekly hours, average overtime hours, and average hourly earnings are modified by a wedging technique designed to compensate for changes in the sample arising mainly from the voluntary character of the reporting. The wedging procedure accepts the advantage of continuity from the use of the matched sample, and at the same time, tapers or wedges th estimate toward the level of the latest sample average.

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Supplement to Employment and Earnings, States and Areas, Data for 1977-81

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CAUTION

Each year the industry employment series for States and areas are adjusted to more recent benchmarks. (See page 320.) These adjustments may also affect the hours and earnings series since employment levels are used as weights. Except as noted, all series in this volume have been adjusted to March 1981 benchmarks and are based on the 1972 *Standard Industrial Classification Manual*. They may not be comparable with series published previously. Data after March 1981 are subject to revision at the time new benchmarks are introduced. Although most of the cooperating State agencies adjust series to benchmark data for the first quarter of the preceding year, the length of time required to accomplish this task varies among the agencies.

Introduction

This supplement is the 17th reference volume of State and area employment and earnings statistics released by the Bureau of Labor Statistics. The data supersede those published for recent years in **Employment and Earnings, States and Areas, 1939–78** (Bulletin 1370-13) and its supplements. This supplement is the first reference volume to contain employment data for Baltimore City, Maryland and Benton Harbor, Michigan.

Consistent with previous editions, this volume groups together information on employment, hours, and earnings for a State or area.

Employment data relate to the nonfarm sector of the economy, and exclude the Armed Forces, proprietors, the self-employed, domestic workers in private homes, and unpaid family workers. Hours and earnings for manufacturing and mining relate to production workers; for construction, to construction workers; and for the remaining nonagricultural components, to nonsupervisory workers.

Area coverage

This edition presents detailed industry data on 260 major labor areas—most are Standard Metropolitan Statistical Areas. Definitions of all the areas may be found in appendix A.

Sources of data

The Current Employment Statistics Program is a Federal-State undertaking conducted jointly by State employment security agencies, the Bureau of Labor Statistics, and the Employment and Training Administration in the 50 States, the District of Columbia, Puerto Rico, and the Virgin Islands.

Data are based on information from payroll records submitted voluntarily to State agencies by a representative sample of industrial, commercial, and government establishments, employing collectively about 36 million workers. Appendix B describes the major characteristics of the program, such as scope, concepts, survey methods, estimating techniques, benchmark adjustments, and limitations.

Industrial classification

The industries shown in this bulletin follow the coding used in the **Standard Industrial Classification Manual, 1972,** of the Office of Management and Budget. Industry titles are generally those recommended by the Office of Management and Budget in its standard list of short titles. All industries in this book are further identified by the appropriate SIC code(s). The industries selected for publication by the State agencies are generally those which best reflect the currently significant economic activities in the State or area. New series or industry combinations are introduced as shifts occur in the economy.

Publication of current data

Current State and area statistics are published monthly by State agencies and may be secured upon request to the appropriate agency listed on the inside back cover of this bulletin. Timely statistics are also published by the Bureau of Labor Statistics in the monthly periodical **Employment and Earnings**, which provides employment data for the major nonfarm industry divisions, and hours and earnings in manufacturing for all States and areas shown in this bulletin.

Related national employment statistics

A companion volume, **Employment and Earnings, United States, 1909–78** (Bulletin 1312-11), and **Supplement to Employment and Earnings, Revised Establishment Data,** published in June 1982, contain national data in 4-digit SIC industry detail and for major industry groups and divisions. Data in Bulletin 1312-11 are adjusted to March 1977 benchmarks; data in the **Supplement** are adjusted to March 1981 benchmarks and supersede those published for recent years in Bulletin 1312-11.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	1,269.2	-	-	-
1978	1,336.5	-	-	-
1979	1,362.0	-	-	-
1980	1,356.1	-	-	-
1981	1,349.8	-	-	-
MINING				
1977	13.9	278.48	39.5	7.05
1978	14.1	346.49	41.2	8.41
1979	16.7	362.10	40.1	9.03
1980	17.0	395.41	39.9	9.91
1981	15.4	409.26	38.0	10.77
BITUMINOUS COAL AND LIGNITE MINING — SIC 12				
1977	10.1	296.18	35.9	8.25
1978	10.2	380.05	38.9	9.77
1979	12.5	390.28	38.3	10.19
1980	12.8	422.07	38.3	11.02
1981	10.9	435.58	35.5	12.27
CONSTRUCTION				
1977	75.9	-	-	-
1978	78.8	-	-	-
1979	75.4	-	-	-
1980	71.4	-	-	-
1981	66.2	-	-	-
MANUFACTURING				
1977	354.3	198.04	40.5	4.89
1978	368.9	219.24	40.6	5.40
1979	374.9	242.16	40.7	5.95
1980	363.1	260.25	40.1	6.49
1981	362.2	279.70	39.9	7.01
DURABLE GOODS				
1977	165.8	220.66	41.4	5.33
1978	180.2	242.36	41.5	5.84
1979	186.5	267.26	41.5	6.44
1980	175.5	286.64	40.6	7.06
1981	174.7	306.18	40.5	7.56
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	28.9	-	-	-
1978	30.2	-	-	-
1979	30.8	-	-	-
1980	28.3	209.82	40.9	5.13
1981	27.5	218.90	39.8	5.50
SAWMILLS AND PLANING MILLS — SIC 242				
1977	10.9	-	-	-
1978	10.9	-	-	-
1979	11.1	-	-	-
1980	10.1	-	-	-
1981	9.6	-	-	-
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	10.3	226.29	40.7	5.56
1978	10.8	252.53	42.3	5.97
1979	10.6	[1] 270.01	[1] 40.3	[1] 6.70
1980	9.9	293.25	39.1	7.50
1981	9.7	312.78	40.1	7.80
PRIMARY METAL INDUSTRIES — SIC 33				
1977	42.2	[1] 304.70	[1] 41.4	[1] 7.36
1978	44.6	341.46	42.0	8.13
1979	44.4	381.78	42.0	9.09
1980	38.9	422.30	42.4	9.96
1981	36.5	458.64	42.0	10.92
STATEWIDE (Con.)				
BLAST FURNACE AND BASIC STEEL PRODUCTS — SIC 331				
1977	17.4	-	-	-
1978	18.2	-	-	-
1979	18.1	-	-	-
1980	14.8	-	-	-
1981	13.4	-	-	-
IRON AND STEEL FOUNDRIES — SIC 332				
1977	13.6	-	-	-
1978	14.8	-	-	-
1979	14.3	-	-	-
1980	13.0	-	-	-
1981	12.3	-	-	-
FABRICATED METAL PRODUCTS — SIC 34				
1977	24.8	208.88	41.2	5.07
1978	26.0	207.20	40.0	5.18
1979	25.9	[1] 241.59	[1] 40.4	[1] 5.98
1980	25.4	255.91	39.8	6.43
1981	26.0	287.03	40.2	7.14
FABRICATED STRUCTURAL METAL PRODUCTS — SIC 344				
1977	12.5	-	-	-
1978	12.8	-	-	-
1979	13.1	-	-	-
1980	12.9	-	-	-
1981	13.5	-	-	-
MACHINERY — SIC 35,36				
1977	27.0	-	-	-
1978	31.3	-	-	-
1979	34.8	-	-	-
1980	33.6	241.59	40.4	5.98
1981	34.2	263.04	41.1	6.40
TRANSPORTATION EQUIPMENT — SIC 37				
1977	17.9	224.95	40.9	5.50
1978	20.5	256.47	41.3	6.21
1979	23.5	280.14	40.6	6.90
1980	23.1	304.07	39.8	7.64
1981	23.8	309.29	39.4	7.85
SHIP AND BOAT BUILDING AND REPAIRING — SIC 373				
1977	3.5	-	-	-
1978	3.7	-	-	-
1979	3.9	-	-	-
1980	4.7	-	-	-
1981	6.2	-	-	-
NONDURABLE GOODS				
1977	188.5	179.50	39.8	-
1978	188.7	198.70	39.9	-
1979	188.4	218.25	39.9	-
1980	187.6	237.41	39.7	-
1981	187.5	257.94	39.5	-
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	27.3	142.12	39.1	3.64
1978	27.6	158.39	39.4	4.02
1979	28.1	170.52	39.2	4.35
1980	28.1	188.07	39.1	4.81
1981	28.2	200.06	38.4	5.21
TEXTILE MILL PRODUCTS — SIC 22				
1977	47.2	157.20	40.0	3.93
1978	45.6	172.89	40.3	4.29
1979	43.9	191.53	41.1	4.66
1980	42.8	206.96	40.5	5.11
1981	42.2	220.09	39.8	5.53
STATEWIDE (Con.)				
WEAVING MILLS, COTTON — SIC 221				
1977	20.5	-	-	-
1978	18.8	-	-	-
1979	17.2	-	-	-
1980	16.1	-	-	-
1981	15.0	-	-	-
WEAVING MILLS, INCLUDING NARROW FABRICS — SIC 221-4				
1977	23.8	[1] 161.60	[1] 40.0	[1] 4.04
1978	21.4	180.26	40.6	4.44
1979	20.3	205.51	42.2	4.87
1980	19.8	218.48	41.3	5.29
1981	18.7	232.13	40.3	5.76
KNITTING MILLS — SIC 225				
1977	10.1	-	-	-
1978	10.5	-	-	-
1979	10.4	-	-	-
1980	10.9	-	-	-
1981	11.7	-	-	-
YARN AND THREAD MILLS — SIC 228				
1977	7.2	-	-	-
1978	7.7	-	-	-
1979	7.5	-	-	-
1980	6.8	-	-	-
1981	6.6	-	-	-
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	52.5	120.66	36.9	3.27
1978	53.7	132.13	36.6	3.61
1979	52.7	140.37	35.9	3.91
1980	53.9	153.97	36.4	4.23
1981	54.3	168.69	36.2	4.66
MEN'S AND BOYS' SUITS, COATS, AND FURNISHINGS — SIC 231,2				
1977	28.6	119.68	36.6	3.27
1978	28.8	130.68	36.0	3.63
1979	28.4	138.84	35.6	3.90
1980	29.6	150.23	36.2	4.15
1981	29.5	162.84	35.4	4.60
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	20.2	302.33	44.2	6.84
1978	19.7	350.62	45.3	7.74
1979	20.4	380.35	44.8	8.49
1980	19.8	423.62	45.6	9.29
1981	20.7	461.15	45.3	10.18
PULP, PAPER, AND PAPERBOARD MILLS — SIC 261-3,6				
1977	16.5	317.18	44.8	7.08
1978	16.0	368.80	45.7	8.07
1979	16.7	408.12	45.6	8.95
1980	16.2	457.44	46.3	9.88
1981	17.0	504.04	46.2	10.91
PRINTING AND PUBLISHING — SIC 27				
1977	9.6	186.00	37.5	4.96
1978	9.9	193.29	37.1	5.21
1979	10.1	216.97	37.8	5.74
1980	10.0	[1] 250.64	[1] 38.5	[1] 6.51
1981	10.1	274.32	38.8	7.07
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	15.1	280.50	42.5	6.60
1978	15.5	304.16	42.9	7.09

See footnotes at end of tables.

ALABAMA

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
CHEMICALS AND ALLIED PRODUCTS — SIC 28 (Con.)				
1979	16.1	331.43	42.6	7.78
1980	15.7	362.95	42.5	8.54
1981	14.7	409.40	43.6	9.35
PLASTICS MATERIALS AND SYNTHETICS — SIC 282				
1977	6.4	–	–	–
1978	6.3	–	–	–
1979	6.4	–	–	–
1980	5.9	–	–	–
1981	5.1	–	–	–
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS — SIC 30				
1977	13.0	–	–	–
1978	13.5	–	–	–
1979	14.5	–	–	–
1980	14.7	379.44	40.8	9.30
1981	14.7	403.76	41.2	9.80
TRANSPORTATION AND PUBLIC UTILITIES				
1977	65.0	–	–	–
1978	69.8	–	–	–
1979	71.7	–	–	–
1980	71.8	–	–	–
1981	71.7	–	–	–
RAILROAD TRANSPORTATION — SIC 40				
1977	7.6	–	–	–
1978	7.5	–	–	–
1979	7.4	–	–	–
1980	7.2	–	–	–
1981	7.0	–	–	–
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	32.1	–	–	–
1978	35.8	–	–	–
1979	37.0	–	–	–
1980	37.4	–	–	–
1981	37.6	–	–	–
WHOLESALE AND RETAIL TRADE				
1977	259.1	–	–	–
1978	269.7	–	–	–
1979	275.6	–	–	–
1980	272.6	–	–	–
1981	271.4	–	–	–
WHOLESALE TRADE — SIC 50,51				
1977	70.8	–	–	–
1978	71.9	–	–	–
1979	73.1	–	–	–
1980	71.9	–	–	–
1981	71.7	–	–	–
RETAIL TRADE — SIC 52-59				
1977	188.3	–	–	–
1978	197.8	–	–	–
1979	202.5	–	–	–
1980	200.7	–	–	–
1981	199.7	–	–	–
GENERAL MERCHANDISE STORES — SIC 53				
1977	29.8	–	–	–
1978	30.4	–	–	–
1979	29.4	–	–	–
1980	28.7	–	–	–
1981	27.8	–	–	–
APPAREL AND ACCESSORY STORES — SIC 56				
1977	14.7	–	–	–
1978	16.3	–	–	–
1979	16.8	–	–	–
1980	16.4	–	–	–
1981	16.1	–	–	–

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
FINANCE, INSURANCE, AND REAL ESTATE				
1977	55.4	–	–	–
1978	57.5	–	–	–
1979	58.3	–	–	–
1980	58.7	–	–	–
1981	59.3	–	–	–
BANKING — SIC 60				
1977	17.8	–	–	–
1978	18.6	–	–	–
1979	19.5	–	–	–
1980	20.1	–	–	–
1981	20.5	–	–	–
INSURANCE CARRIERS — SIC 63				
1977	15.5	–	–	–
1978	15.8	–	–	–
1979	15.5	–	–	–
1980	15.3	–	–	–
1981	15.3	–	–	–
SERVICES				
1977	179.3	–	–	–
1978	191.8	–	–	–
1979	197.8	–	–	–
1980	204.1	–	–	–
1981	210.9	–	–	–
HOTELS AND OTHER LODGING PLACES — SIC 70				
1977	10.2	–	–	–
1978	10.3	–	–	–
1979	10.2	–	–	–
1980	10.1	–	–	–
1981	10.0	–	–	–
HOSPITALS — SIC 806				
1977	25.3	–	–	–
1978	27.2	–	–	–
1979	29.8	–	–	–
1980	31.5	–	–	–
1981	33.9	–	–	–
GOVERNMENT				
1977	266.3	–	–	–
1978	285.9	–	–	–
1979	291.6	–	–	–
1980	297.4	–	–	–
1981	292.7	–	–	–
FEDERAL GOVERNMENT				
1977	63.1	–	–	–
1978	64.0	–	–	–
1979	63.3	–	–	–
1980	65.9	–	–	–
1981	65.5	–	–	–
U. S. DEPARTMENT OF DEFENSE				
1977	25.4	–	–	–
1978	24.9	–	–	–
1979	26.0	–	–	–
1980	27.3	–	–	–
1981	27.9	–	–	–
U. S. POSTAL SERVICE — SIC 43				
1977	7.5	–	–	–
1978	7.6	–	–	–
1979	7.6	–	–	–
1980	7.6	–	–	–
1981	7.7	–	–	–
STATE AND LOCAL GOVERNMENT				
1977	203.2	–	–	–
1978	221.9	–	–	–
1979	228.3	–	–	–
1980	231.5	–	–	–
1981	227.2	–	–	–

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
STATE AND LOCAL EDUCATION — SIC 82,941				
1977	100.9	–	–	–
1978	110.1	–	–	–
1979	113.9	–	–	–
1980	117.0	–	–	–
1981	115.8	–	–	–
BIRMINGHAM				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	334.2	–	–	–
1978	348.7	–	–	–
1979	358.0	–	–	–
1980	351.4	–	–	–
1981	343.1	–	–	–
MINING				
1977	8.4	282.28	36.9	7.65
1978	7.8	[1] 358.81	[1] 39.3	[1] 9.13
1979	9.9	369.94	38.9	9.51
1980	9.6	395.69	39.1	10.12
1981	8.0	435.08	36.5	11.92
BITUMINOUS COAL AND LIGNITE MINING — SIC 12				
1977	7.5	286.53	35.2	8.14
1978	6.9	[1] 369.79	[1] 38.4	[1] 9.63
1979	8.9	377.00	37.7	10.00
1980	8.6	402.64	37.7	10.68
1981	7.0	442.80	36.0	12.30
CONSTRUCTION				
1977	22.5	–	–	–
1978	23.8	–	–	–
1979	21.7	–	–	–
1980	20.2	–	–	–
1981	19.0	–	–	–
MANUFACTURING				
1977	66.8	234.77	40.2	5.84
1978	68.6	257.92	40.3	6.40
1979	70.3	285.82	40.6	7.04
1980	64.4	302.65	40.3	7.51
1981	59.8	314.42	39.8	7.90
DURABLE GOODS				
1977	50.3	253.12	40.5	6.25
1978	52.8	278.12	40.9	6.80
1979	54.2	309.07	41.1	7.52
1980	48.5	331.70	40.9	8.11
1981	44.5	343.84	40.5	8.49
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	2.0	–	–	–
1978	2.0	–	–	–
1979	1.9	–	–	–
1980	1.7	–	–	–
1981	1.6	–	–	–
FURNITURE AND FIXTURES — SIC 25				
1977	2.1	–	–	–
1978	2.2	–	–	–
1979	2.1	–	–	–
1980	2.0	–	–	–
1981	2.0	–	–	–
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	3.8	[1] 249.98	[1] 43.1	[1] 5.80
1978	3.9	[1] 289.35	[1] 45.0	[1] 6.43
1979	3.8	[1] 289.98	[1] 40.5	[1] 7.16
1980	3.4	329.08	43.3	7.60
1981	3.3	321.44	41.8	7.69
PRIMARY METAL INDUSTRIES — SIC 33				
1977	22.9	291.28	40.4	7.21
1978	24.3	329.96	41.4	7.97
1979	24.0	371.74	42.1	8.83
1980	20.1	[1] 403.74	[1] 42.1	[1] 9.59
1981	18.5	420.80	40.5	10.39

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
BIRMINGHAM (Con.)				
BLAST FURNACE AND BASIC STEEL PRODUCTS — SIC 331				
1977	13.3	337.11	39.8	8.47
1978	13.7	395.12	41.9	9.43
1979	13.5	451.99	42.6	10.61
1980	10.5	[1] 502.52	[1] 42.3	[1] 11.88
1981	9.4	519.28	39.7	13.08
IRON AND STEEL FOUNDRIES — SIC 332				
1977	9.0	227.98	41.3	5.52
1978	9.9	241.57	40.6	5.95
1979	9.6	264.13	41.4	6.38
1980	8.9	294.13	42.2	6.97
1981	8.5	318.30	41.5	7.67
FABRICATED METAL PRODUCTS — SIC 34				
1977	9.3	239.13	40.6	5.89
1978	8.7	[1] 216.93	[1] 38.6	[1] 5.62
1979	9.1	258.64	40.1	6.45
1980	8.9	277.29	39.5	7.02
1981	8.7	306.68	40.3	7.61
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	3.5	256.93	43.4	5.92
1978	3.8	277.69	43.8	6.34
1979	4.0	[1] 305.02	[1] 42.6	[1] 7.16
1980	4.0	319.43	40.9	7.81
1981	3.8	322.75	42.3	7.63
TRANSPORTATION EQUIPMENT — SIC 37				
1977	3.8	-	-	-
1978	4.8	-	-	-
1979	6.1	-	-	-
1980	5.3	-	-	-
1981	3.3	-	-	-
NONDURABLE GOODS				
1977	16.5	174.98	39.5	4.43
1978	15.8	[1] 184.61	[1] 38.3	[1] 4.82
1979	16.1	196.47	38.6	5.09
1980	15.9	[1] 207.74	[1] 38.4	[1] 5.41
1981	15.3	225.60	37.6	6.00
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	6.2	[1] 158.15	[1] 41.4	[1] 3.82
1978	6.0	[1] 172.53	[1] 39.3	[1] 4.39
1979	6.3	185.14	39.9	4.64
1980	6.2	[1] 180.42	[1] 38.8	[1] 4.65
1981	5.8	206.42	37.6	5.49
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	2.1	-	-	-
1978	1.7	-	-	-
1979	1.8	-	-	-
1980	1.9	-	-	-
1981	1.6	-	-	-
PRINTING AND PUBLISHING — SIC 27				
1977	3.8	183.71	37.8	4.86
1978	3.9	190.47	36.7	5.19
1979	3.9	198.69	37.0	5.37
1980	3.8	224.06	38.3	5.85
1981	3.9	251.79	38.5	6.54
CHEMICALS, AND PETROLEUM — SIC 28,29				
1977	1.4	282.86	42.6	6.64
1978	1.3	313.55	44.1	7.11
1979	1.3	317.77	42.2	7.53
1980	1.2	365.80	43.6	8.39
1981	1.3	325.04	42.6	7.63
TRANSPORTATION AND PUBLIC UTILITIES				
1977	25.0	-	-	-
1978	27.2	-	-	-
1979	28.7	-	-	-
1980	29.0	-	-	-
1981	29.5	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
BIRMINGHAM (Con.)				
WHOLESALE AND RETAIL TRADE				
1977	80.7	-	-	-
1978	83.4	-	-	-
1979	85.2	-	-	-
1980	82.8	-	-	-
1981	81.3	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	27.3	-	-	-
1978	28.2	-	-	-
1979	28.4	-	-	-
1980	27.7	-	-	-
1981	27.3	-	-	-
RETAIL TRADE — SIC 52-59				
1977	53.4	-	-	-
1978	55.2	-	-	-
1979	56.8	-	-	-
1980	55.1	-	-	-
1981	54.0	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	21.9	-	-	-
1978	22.4	-	-	-
1979	22.7	-	-	-
1980	22.8	-	-	-
1981	23.0	-	-	-
SERVICES				
1977	58.6	-	-	-
1978	62.2	-	-	-
1979	64.6	-	-	-
1980	66.7	-	-	-
1981	68.9	-	-	-
GOVERNMENT				
1977	50.3	-	-	-
1978	53.3	-	-	-
1979	54.9	-	-	-
1980	55.9	-	-	-
1981	53.6	-	-	-
FEDERAL GOVERNMENT				
1977	8.2	-	-	-
1978	8.6	-	-	-
1979	8.6	-	-	-
1980	9.0	-	-	-
1981	8.7	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	42.1	-	-	-
1978	44.7	-	-	-
1979	46.3	-	-	-
1980	46.9	-	-	-
1981	44.9	-	-	-
HUNTSVILLE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	110.7	-	-	-
1978	117.5	-	-	-
1979	120.0	-	-	-
1980	119.5	-	-	-
1981	122.1	-	-	-
CONSTRUCTION				
1977	4.2	-	-	-
1978	4.6	-	-	-
1979	4.5	-	-	-
1980	4.1	-	-	-
1981	3.9	-	-	-
MANUFACTURING				
1977	31.7	-	-	-
1978	35.3	-	-	-
1979	36.7	-	-	-
1980	36.0	-	-	-
1981	36.5	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
HUNTSVILLE (Con.)				
DURABLE GOODS				
1977	18.3	-	-	-
1978	21.2	-	-	-
1979	23.1	-	-	-
1980	22.0	-	-	-
1981	23.1	-	-	-
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	1.0	-	-	-
1978	1.1	-	-	-
1979	1.2	-	-	-
1980	1.3	-	-	-
1981	1.4	-	-	-
FABRICATED METAL PRODUCTS — SIC 34				
1977	1.9	-	-	-
1978	2.5	-	-	-
1979	2.5	-	-	-
1980	2.5	-	-	-
1981	2.3	-	-	-
MACHINERY — SIC 35,36				
1977	9.4	-	-	-
1978	10.7	-	-	-
1979	11.6	-	-	-
1980	10.4	-	-	-
1981	10.7	-	-	-
TRANSPORTATION EQUIPMENT — SIC 37				
1977	3.4	-	-	-
1978	4.0	-	-	-
1979	5.1	-	-	-
1980	5.4	-	-	-
1981	6.0	-	-	-
NONDURABLE GOODS				
1977	13.4	-	-	-
1978	14.1	-	-	-
1979	13.6	-	-	-
1980	14.0	-	-	-
1981	13.4	-	-	-
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	3.5	-	-	-
1978	3.6	-	-	-
1979	3.8	-	-	-
1980	4.2	-	-	-
1981	4.3	-	-	-
TEXTILES, AND APPAREL — SIC 22,23				
1977	5.2	-	-	-
1978	5.6	-	-	-
1979	5.3	-	-	-
1980	5.5	-	-	-
1981	5.4	-	-	-
PAPER, AND PRINTING AND PUBLISHING — SIC 26,27				
1977	.7	-	-	-
1978	.8	-	-	-
1979	.9	-	-	-
1980	.9	-	-	-
1981	1.0	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	2.5	-	-	-
1978	2.6	-	-	-
1979	2.7	-	-	-
1980	2.6	-	-	-
1981	2.7	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	20.8	-	-	-
1978	21.6	-	-	-
1979	22.0	-	-	-
1980	21.4	-	-	-
1981	21.8	-	-	-

See footnotes at end of tables.

ALABAMA

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
HUNTSVILLE (Con.)				
FINANCE, INSURANCE, AND REAL ESTATE				
1977	3.1	-	-	-
1978	3.5	-	-	-
1979	3.4	-	-	-
1980	3.5	-	-	-
1981	3.6	-	-	-
SERVICES AND MINING				
1977	16.2	-	-	-
1978	16.8	-	-	-
1979	17.0	-	-	-
1980	17.6	-	-	-
1981	18.7	-	-	-
GOVERNMENT				
1977	32.2	-	-	-
1978	33.1	-	-	-
1979	33.7	-	-	-
1980	34.3	-	-	-
1981	34.9	-	-	-
MOBILE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	139.7	-	-	-
1978	147.4	-	-	-
1979	148.3	-	-	-
1980	151.3	-	-	-
1981	153.4	-	-	-
CONSTRUCTION				
1977	11.2	-	-	-
1978	11.5	-	-	-
1979	10.7	-	-	-
1980	11.6	-	-	-
1981	11.1	-	-	-
MANUFACTURING				
1977	29.4	246.61	42.3	5.83
1978	30.9	266.98	41.2	6.48
1979	29.8	299.39	40.9	7.32
1980	28.8	329.60	41.2	8.00
1981	31.0	363.60	40.9	8.89
DURABLE GOODS				
1980	12.2	-	-	-
1981	13.7	-	-	-
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	2.5	166.76	44.0	3.79
1978	2.8	180.62	42.6	4.24
1979	2.7	201.20	41.4	4.86
1980	2.5	[1] 227.61	[1] 40.5	[1] 5.62
1981	2.1	245.23	40.4	6.07
SHIP AND BOAT BUILDING AND REPAIRING — SIC 373				
1977	2.9	232.48	38.3	6.07
1978	3.2	247.03	37.6	6.57
1979	3.5	270.94	38.0	7.13
1980	4.4	311.26	39.4	7.90
1981	5.9	343.26	39.5	8.69
NONDURABLE GOODS				
1980	16.6	-	-	-
1981	17.3	-	-	-
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	2.6	130.70	41.1	3.18
1978	2.5	134.06	40.5	3.31
1979	2.1	143.06	40.3	3.55
1980	1.9	161.68	37.6	4.30
1981	2.1	171.36	35.7	4.80
TEXTILES, AND APPAREL — SIC 22,23				
1977	2.0	-	-	-
1978	2.1	-	-	-
1979	1.9	-	-	-
1980	1.8	-	-	-
1981	1.6	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
MOBILE (Con.)				
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	7.6	309.72	43.5	7.12
1978	7.5	352.15	43.8	8.04
1979	7.4	378.40	43.0	8.80
1980	6.6	475.20	43.7	9.73
1981	7.1	462.01	43.3	10.67
PRINTING AND PUBLISHING — SIC 27				
1980	1.1	-	-	-
1981	1.1	-	-	-
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	3.9	291.79	43.1	6.77
1978	4.2	323.08	43.6	7.41
1979	4.3	358.66	43.9	8.17
1980	4.4	[1] 393.38	[1] 44.5	[1] 8.84
1981	4.5	429.87	44.5	9.66
TRANSPORTATION AND PUBLIC UTILITIES				
1977	10.3	-	-	-
1978	10.7	-	-	-
1979	10.9	-	-	-
1980	10.8	-	-	-
1981	10.4	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	34.1	-	-	-
1978	36.1	-	-	-
1979	36.3	-	-	-
1980	37.0	-	-	-
1981	36.8	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	9.9	-	-	-
1978	10.2	-	-	-
1979	10.3	-	-	-
1980	10.0	-	-	-
1981	9.9	-	-	-
RETAIL TRADE — SIC 52-59				
1977	24.2	-	-	-
1978	25.9	-	-	-
1979	26.0	-	-	-
1980	27.0	-	-	-
1981	26.9	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	6.4	-	-	-
1978	6.9	-	-	-
1979	7.0	-	-	-
1980	7.0	-	-	-
1981	7.3	-	-	-
SERVICES AND MINING				
1977	25.9	-	-	-
1978	26.9	-	-	-
1979	27.8	-	-	-
1980	29.0	-	-	-
1981	29.8	-	-	-
GOVERNMENT				
1977	22.4	-	-	-
1978	24.4	-	-	-
1979	25.8	-	-	-
1980	27.1	-	-	-
1981	27.0	-	-	-
MONTGOMERY				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	94.9	-	-	-
1978	102.9	-	-	-
1979	108.0	-	-	-
1980	108.2	-	-	-
1981	106.8	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
MONTGOMERY (Con.)				
CONSTRUCTION				
1977	6.1	-	-	-
1978	6.7	-	-	-
1979	8.6	-	-	-
1980	7.6	-	-	-
1981	6.0	-	-	-
MANUFACTURING				
1977	14.7	-	-	-
1978	15.8	-	-	-
1979	16.2	-	-	-
1980	16.4	-	-	-
1981	16.5	-	-	-
DURABLE GOODS				
1977	7.9	-	-	-
1978	8.7	-	-	-
1979	9.0	-	-	-
1980	8.7	-	-	-
1981	8.8	-	-	-
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	.8	-	-	-
1978	1.0	-	-	-
1979	1.0	-	-	-
1980	.9	-	-	-
1981	.9	-	-	-
FURNITURE AND FIXTURES — SIC 25				
1977	.6	-	-	-
1978	.6	-	-	-
1979	.6	-	-	-
1980	.5	-	-	-
1981	.5	-	-	-
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	1.3	-	-	-
1978	1.4	-	-	-
1979	1.3	-	-	-
1980	1.4	-	-	-
1981	1.3	-	-	-
FABRICATED METAL PRODUCTS — SIC 34				
1977	.9	-	-	-
1978	.9	-	-	-
1979	1.2	-	-	-
1980	1.2	-	-	-
1981	1.4	-	-	-
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	1.8	-	-	-
1978	1.9	-	-	-
1979	1.9	-	-	-
1980	1.9	-	-	-
1981	1.8	-	-	-
TRANSPORTATION EQUIPMENT — SIC 37				
1977	1.0	-	-	-
1978	1.2	-	-	-
1979	1.2	-	-	-
1980	.9	-	-	-
1981	1.0	-	-	-
NONDURABLE GOODS				
1977	6.8	-	-	-
1978	7.1	-	-	-
1979	7.2	-	-	-
1980	7.7	-	-	-
1981	7.7	-	-	-
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	2.1	-	-	-
1978	2.1	-	-	-
1979	2.2	-	-	-
1980	2.2	-	-	-
1981	2.2	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
MONTGOMERY (Con.)				
TEXTILES, AND APPAREL — SIC 22,23				
1977	2.7	-	-	-
1978	2.8	-	-	-
1979	2.8	-	-	-
1980	2.8	-	-	-
1981	2.6	-	-	-
PRINTING AND PUBLISHING — SIC 27				
1977	.9	-	-	-
1978	1.0	-	-	-
1979	1.0	-	-	-
1980	1.1	-	-	-
1981	1.1	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	4.4	-	-	-
1978	4.7	-	-	-
1979	4.8	-	-	-
1980	4.8	-	-	-
1981	4.5	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	22.5	-	-	-
1978	24.1	-	-	-
1979	24.0	-	-	-
1980	23.7	-	-	-
1981	23.5	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	5.5	-	-	-
1978	5.9	-	-	-
1979	6.1	-	-	-
1980	6.2	-	-	-
1981	6.3	-	-	-
SERVICES AND MINING				
1977	17.1	-	-	-
1978	18.3	-	-	-
1979	19.4	-	-	-
1980	20.3	-	-	-
1981	20.8	-	-	-
GOVERNMENT				
1977	24.6	-	-	-
1978	27.4	-	-	-
1979	28.9	-	-	-
1980	29.2	-	-	-
1981	29.2	-	-	-
TUSCALOOSA				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	48.8	-	-	-
1978	49.0	-	-	-
1979	50.2	-	-	-
1980	50.2	-	-	-
1981	50.8	-	-	-
MINING				
1977	.8	-	-	-
1978	1.1	-	-	-
1979	1.4	-	-	-
1980	2.2	-	-	-
1981	2.3	-	-	-
CONSTRUCTION				
1977	3.2	-	-	-
1978	2.9	-	-	-
1979	2.8	-	-	-
1980	2.4	-	-	-
1981	2.5	-	-	-
MANUFACTURING				
1977	10.1	-	-	-
1978	9.1	-	-	-
1979	9.3	-	-	-
1980	8.5	-	-	-
1981	8.1	-	-	-
TUSCALOOSA (Con.)				
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	1.0	-	-	-
1978	1.0	-	-	-
1979	1.1	-	-	-
1980	1.0	-	-	-
1981	.9	-	-	-
PRIMARY METAL INDUSTRIES — SIC 33				
1977	1.2	-	-	-
1978	1.3	-	-	-
1979	1.1	-	-	-
1980	.5	-	-	-
1981	.2	-	-	-
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	1.2	-	-	-
1978	1.2	-	-	-
1979	1.2	-	-	-
1980	1.2	-	-	-
1981	1.2	-	-	-
PRINTING AND PUBLISHING — SIC 27				
1977	.3	-	-	-
1978	.3	-	-	-
1979	.4	-	-	-
1980	.4	-	-	-
1981	.3	-	-	-
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS — SIC 30				
1977	2.1	-	-	-
1978	2.2	-	-	-
1979	2.2	-	-	-
1980	2.0	-	-	-
1981	2.0	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	1.8	-	-	-
1978	1.8	-	-	-
1979	1.9	-	-	-
1980	1.8	-	-	-
1981	1.8	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	9.5	-	-	-
1978	9.7	-	-	-
1979	9.8	-	-	-
1980	9.6	-	-	-
1981	10.0	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	1.6	-	-	-
1978	1.6	-	-	-
1979	1.7	-	-	-
1980	1.7	-	-	-
1981	1.7	-	-	-
SERVICES				
1977	5.5	-	-	-
1978	5.9	-	-	-
1979	6.0	-	-	-
1980	6.3	-	-	-
1981	6.5	-	-	-
GOVERNMENT				
1977	16.3	-	-	-
1978	16.9	-	-	-
1979	17.3	-	-	-
1980	17.7	-	-	-
1981	17.9	-	-	-

See footnotes at end of tables.

ALASKA

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE[1]				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	163.3	-	-	-
1978	163.5	-	-	-
1979	166.9	-	-	-
1980	169.4	-	-	-
1981	177.3	-	-	-
MINING				
1977	5.0	787.70	52.2	15.09
1978	5.6	714.88	47.5	15.05
1979	5.8	[r] 913.75	[r] 51.8	[r] 17.64
1980	6.5	940.77	50.9	18.49
1981	7.7	1,025.10	51.0	20.10
CONSTRUCTION				
1977	19.6	1,036.56	54.1	19.16
1978	12.2	813.06	44.6	18.23
1979	10.1	[r] 773.55	[r] 41.3	[r] 18.73
1980	10.3	906.39	43.9	20.65
1981	12.1	985.26	46.3	21.28
MANUFACTURING				
1977	10.9	394.90	43.3	9.12
1978	11.6	375.66	42.4	8.86
1979	12.7	[r] 401.25	[r] 43.9	[r] 9.14
1980	13.4	436.49	42.7	10.22
1981	12.0	456.80	40.0	11.42
LUMBER, AND PAPER PRODUCTS — SIC 24,26				
1977	3.4	-	-	-
1978	2.9	503.42	43.7	11.52
1979	3.1	[r] 541.02	[r] 42.6	[r] 12.70
1980	3.4	576.38	41.9	13.74
1981	2.8	668.12	40.7	14.45
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	5.5	275.18	44.6	6.17
1978	6.3	265.00	42.4	6.25
1979	7.1	[r] 296.01	[r] 45.4	[r] 6.52
1980	7.2	334.61	44.0	7.60
1981	6.3	334.62	39.6	8.45
TRANSPORTATION AND PUBLIC UTILITIES				
1977	16.2	-	-	-
1978	16.3	427.11	37.4	11.42
1979	16.7	[r] 456.98	[r] 36.5	[r] 12.52
1980	17.0	473.51	36.9	12.83
1981	17.9	550.05	38.9	14.14
TRUCKING AND WAREHOUSING — SIC 42				
1977	2.7	-	-	-
1978	2.4	-	-	-
1979	2.0	-	-	-
1980	1.9	-	-	-
1981	2.0	-	-	-
WATER TRANSPORTATION — SIC 44				
1977	1.3	-	-	-
1978	1.2	-	-	-
1979	1.2	-	-	-
1980	1.3	-	-	-
1981	1.4	-	-	-
TRANSPORTATION BY AIR — SIC 45				
1977	4.4	-	-	-
1978	4.5	-	-	-
1979	5.0	-	-	-
1980	5.3	-	-	-
1981	5.7	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE[1] (Con.)				
WHOLESALE AND RETAIL TRADE				
1977	28.3	-	-	-
1978	28.8	-	-	-
1979	29.4	-	-	-
1980	29.1	-	-	-
1981	30.9	-	-	-
WHOLESALE AND RETAIL TRADE, EXCEPT EATING AND DRINKING PLACES — SIC 50-57,59				
1977	-	269.50	35.0	7.70
1978	-	265.73	34.6	7.68
1979	-	[r] 283.62	[r] 34.8	[r] 8.15
1980	-	306.65	34.6	8.86
1981	-	325.51	34.3	9.49
WHOLESALE TRADE — SIC 50,51				
1977	5.9	347.60	40.0	8.69
1978	5.7	338.91	38.6	8.78
1979	5.5	[r] 372.23	[r] 38.7	[r] 9.62
1980	5.5	411.96	39.1	10.53
1981	6.0	435.38	37.5	11.61
RETAIL TRADE — SIC 52-59				
1977	22.2	-	-	-
1978	23.1	-	-	-
1979	24.0	-	-	-
1980	23.6	-	-	-
1981	24.9	-	-	-
RETAIL TRADE, EXCEPT EATING AND DRINKING PLACES — SIC 52-57,59				
1977	-	238.59	33.0	7.23
1978	-	241.03	33.2	7.26
1979	-	[r] 253.17	[r] 33.4	[r] 7.58
1980	-	271.94	33.1	8.21
1981	-	286.85	33.2	8.64
GENERAL MERCHANDISE, APPAREL AND ACCESSORY STORES — SIC 53,56				
1977	4.3	-	-	-
1978	4.2	-	-	-
1979	4.1	-	-	-
1980	4.2	-	-	-
1981	4.2	-	-	-
FOOD STORES — SIC 54				
1977	3.1	-	-	-
1978	3.4	-	-	-
1979	3.6	-	-	-
1980	3.8	-	-	-
1981	4.3	-	-	-
EATING AND DRINKING PLACES — SIC 58				
1977	7.1	-	-	-
1978	7.5	-	-	-
1979	8.2	-	-	-
1980	8.0	-	-	-
1981	8.5	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	6.2	221.09	-	-
1978	8.7	236.24	-	-
1979	8.5	[r] 258.80	-	-
1980	8.2	288.42	-	-
1981	8.5	321.41	-	-

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE[1] (Con.)				
SERVICES				
1977	27.0	-	-	-
1978	28.7	-	-	-
1979	29.4	-	-	-
1980	30.0	-	-	-
1981	31.1	-	-	-
GOVERNMENT				
1977	50.1	-	-	-
1978	51.6	-	-	-
1979	54.4	-	-	-
1980	55.0	-	-	-
1981	57.2	-	-	-
FEDERAL GOVERNMENT				
1977	17.7	-	-	-
1978	18.2	-	-	-
1979	17.9	-	-	-
1980	17.8	-	-	-
1981	17.7	-	-	-
STATE GOVERNMENT				
1977	13.9	-	-	-
1978	14.3	-	-	-
1979	15.0	-	-	-
1980	15.4	-	-	-
1981	16.6	-	-	-
LOCAL GOVERNMENT				
1977	18.5	-	-	-
1978	19.1	-	-	-
1979	21.5	-	-	-
1980	21.8	-	-	-
1981	22.9	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	809.3	-	-	-
1978	895.4	-	-	-
1979	979.9	-	-	-
1980	1,014.0	-	-	-
1981	1,039.4	-	-	-
MINING				
1977	21.5	-	-	-
1978	19.4	-	-	-
1979	21.8	-	-	-
1980	21.0	-	-	-
1981	25.0	-	-	-
COPPER ORES — SIC 102				
1977	19.2	302.99	39.4	7.69
1978	17.1	344.76	40.8	8.45
1979	19.3	404.81	42.3	9.57
1980	18.1	-	-	-
1981	21.9	496.87	41.2	12.06
CONSTRUCTION				
1977	52.2	341.07	36.4	9.37
1978	71.0	382.93	36.4	10.52
1979	86.5	386.34	36.9	10.47
1980	76.5	407.98	35.6	11.46
1981	70.0	449.81	36.1	12.46
MANUFACTURING				
1977	113.9	222.56	40.1	5.55
1978	126.9	243.01	40.3	6.03
1979	144.1	268.77	40.6	6.62
1980	154.4	292.33	40.1	7.29
1981	159.6	316.81	39.7	7.98
DURABLE GOODS				
1977	85.9	-	-	-
1978	95.8	-	-	-
1979	111.1	-	-	-
1980	119.6	-	-	-
1981	124.7	-	-	-
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	6.4	-	-	-
1978	7.1	-	-	-
1979	7.7	-	-	-
1980	6.2	-	-	-
1981	6.1	-	-	-
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	5.3	-	-	-
1978	6.0	-	-	-
1979	6.7	-	-	-
1980	6.3	-	-	-
1981	5.8	-	-	-
PRIMARY METAL INDUSTRIES — SIC 33				
1977	7.8	297.46	41.2	7.22
1978	8.3	334.32	42.0	7.96
1979	9.6	378.11	42.2	8.96
1980	9.4	404.62	41.5	9.75
1981	9.5	457.56	41.0	11.16
FABRICATED METAL PRODUCTS — SIC 34				
1977	5.4	-	-	-
1978	6.5	-	-	-
1979	7.7	-	-	-
1980	7.9	-	-	-
1981	7.8	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
MACHINERY — SIC 35,36				
1977	38.4	187.53	39.9	4.70
1978	43.3	205.48	39.9	5.15
1979	51.4	225.44	39.9	5.65
1980	58.6	243.95	38.6	6.32
1981	62.6	271.29	38.7	7.01
AIRCRAFT, AND MISSILES — SIC 372,6				
1977	12.4	301.02	42.1	7.15
1978	13.0	334.11	42.4	7.88
1979	14.8	362.08	42.9	8.44
1980	16.9	405.65	43.2	9.39
1981	17.8	437.25	42.7	10.24
NONDURABLE GOODS				
1977	28.0	-	-	-
1978	31.1	-	-	-
1979	33.0	-	-	-
1980	34.8	-	-	-
1981	34.9	-	-	-
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	7.9	214.12	40.4	5.30
1978	8.6	229.23	40.5	5.66
1979	9.0	262.91	41.6	6.32
1980	9.2	292.86	41.6	7.04
1981	9.0	306.91	42.1	7.29
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	5.6	-	-	-
1978	5.9	-	-	-
1979	5.6	-	-	-
1980	5.5	-	-	-
1981	5.4	-	-	-
PRINTING AND PUBLISHING — SIC 27				
1977	8.7	-	-	-
1978	9.6	-	-	-
1979	10.2	-	-	-
1980	11.1	-	-	-
1981	11.2	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	41.5	-	-	-
1978	44.6	-	-	-
1979	48.8	-	-	-
1980	51.3	-	-	-
1981	53.8	-	-	-
TRANSPORTATION — SIC 40-42,44-47				
1977	19.0	-	-	-
1978	20.2	-	-	-
1979	22.4	-	-	-
1980	23.5	-	-	-
1981	23.7	-	-	-
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	22.5	296.53	41.3	7.18
1978	24.4	321.39	42.4	7.58
1979	26.4	349.71	42.7	8.19
1980	27.9	394.03	43.3	9.10
1981	30.1	417.18	42.7	9.77
WHOLESALE AND RETAIL TRADE				
1977	196.5	-	-	-
1978	215.4	-	-	-
1979	233.4	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
WHOLESALE AND RETAIL TRADE (Con.)				
1980	243.0	-	-	-
1981	254.1	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	40.0	220.70	40.2	5.49
1978	42.8	234.40	40.0	5.86
1979	46.5	253.26	40.2	6.30
1980	49.4	267.15	39.0	6.85
1981	51.9	298.54	39.7	7.52
RETAIL TRADE — SIC 52-59				
1977	156.5	-	-	-
1978	172.6	-	-	-
1979	186.9	-	-	-
1980	193.6	-	-	-
1981	202.3	-	-	-
RETAIL TRADE, EXCEPT EATING AND DRINKING PLACES — SIC 52-57,59				
1977	-	151.29	34.7	4.36
1978	-	163.18	34.5	4.73
1979	-	177.85	34.4	5.17
1980	-	183.24	33.5	5.47
1981	-	201.00	33.5	6.00
GENERAL MERCHANDISE, APPAREL AND ACCESSORY STORES — SIC 53,56				
1977	29.4	-	-	-
1978	31.6	-	-	-
1979	34.9	-	-	-
1980	37.5	-	-	-
1981	38.5	-	-	-
FOOD STORES — SIC 54				
1977	24.2	-	-	-
1978	26.5	-	-	-
1979	28.5	-	-	-
1980	30.9	-	-	-
1981	32.1	-	-	-
AUTOMOTIVE DEALERS AND SERVICE STATIONS — SIC 55				
1977	23.0	-	-	-
1978	24.5	-	-	-
1979	25.1	-	-	-
1980	24.2	-	-	-
1981	24.3	-	-	-
EATING AND DRINKING PLACES — SIC 58				
1977	48.9	-	-	-
1978	54.9	-	-	-
1979	60.2	-	-	-
1980	62.6	-	-	-
1981	67.5	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	45.6	-	-	-
1978	50.2	-	-	-
1979	55.6	-	-	-
1980	58.2	-	-	-
1981	61.1	-	-	-
SERVICES				
1977	156.2	-	-	-
1978	173.1	-	-	-
1979	193.5	-	-	-
1980	207.7	-	-	-
1981	216.0	-	-	-

See footnotes at end of tables.

ARIZONA

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Production or nonsupervisory workers: Average weekly hours	Production or nonsupervisory workers: Average hourly earnings (dollars)
STATEWIDE (Con.)				
HOTELS AND OTHER LODGING PLACES — SIC 70				
1977	18.5	-	-	-
1978	21.1	-	-	-
1979	22.1	-	-	-
1980	22.1	-	-	-
1981	23.1	-	-	-
BUSINESS SERVICES — SIC 73				
1977	23.8	-	-	-
1978	27.6	-	-	-
1979	32.9	-	-	-
1980	36.3	-	-	-
1981	37.7	-	-	-
HEALTH SERVICES — SIC 80				
1977	41.4	-	-	-
1978	44.7	-	-	-
1979	49.0	-	-	-
1980	53.1	-	-	-
1981	56.9	-	-	-
GOVERNMENT				
1977	181.9	-	-	-
1978	194.8	-	-	-
1979	196.2	-	-	-
1980	201.8	-	-	-
1981	199.7	-	-	-
FEDERAL GOVERNMENT				
1977	36.1	-	-	-
1978	37.4	-	-	-
1979	37.6	-	-	-
1980	39.1	-	-	-
1981	38.4	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	145.8	-	-	-
1978	157.4	-	-	-
1979	158.6	-	-	-
1980	162.7	-	-	-
1981	161.3	-	-	-
STATE AND LOCAL EDUCATION — SIC 82,941				
1977	85.7	-	-	-
1978	89.2	-	-	-
1979	91.9	-	-	-
1980	94.6	-	-	-
1981	93.8	-	-	-
PHOENIX				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	490.3	-	-	-
1978	555.6	-	-	-
1979	613.4	-	-	-
1980	636.2	-	-	-
1981	655.2	-	-	-
MINING				
1977	.4	-	-	-
1978	.2	-	-	-
1979	.3	-	-	-
1980	.4	-	-	-
1981	.4	-	-	-
CONSTRUCTION				
1977	31.4	330.68	36.1	9.16
1978	45.3	361.70	35.6	10.16
1979	56.5	384.44	36.2	10.62
1980	50.6	413.70	35.0	11.82
1981	47.8	466.47	35.8	13.03
MANUFACTURING				
1977	83.9	221.90	40.2	5.52
1978	94.1	244.02	40.4	6.04
1979	106.6	268.21	40.7	6.59
1980	114.0	289.04	40.2	7.19
1981	116.6	314.02	39.8	7.89
PHOENIX (Con.)				
DURABLE GOODS				
1977	65.5	-	-	-
1978	73.2	-	-	-
1979	84.3	-	-	-
1980	90.4	-	-	-
1981	93.4	-	-	-
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	3.4	-	-	-
1978	3.9	-	-	-
1979	4.5	-	-	-
1980	4.0	-	-	-
1981	3.6	-	-	-
PRIMARY AND FABRICATED METALS — SIC 33,34				
1977	8.0	-	-	-
1978	9.2	-	-	-
1979	11.4	-	-	-
1980	12.0	-	-	-
1981	11.2	-	-	-
MACHINERY — SIC 35,36				
1977	34.4	-	-	-
1978	37.9	-	-	-
1979	43.4	-	-	-
1980	48.1	-	-	-
1981	51.3	-	-	-
NONDURABLE GOODS				
1977	18.4	-	-	-
1978	20.9	-	-	-
1979	22.3	-	-	-
1980	23.6	-	-	-
1981	23.2	-	-	-
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	5.6	-	-	-
1978	6.0	-	-	-
1979	6.4	-	-	-
1980	6.7	-	-	-
1981	6.4	-	-	-
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	3.1	-	-	-
1978	3.4	-	-	-
1979	3.1	-	-	-
1980	3.0	-	-	-
1981	2.8	-	-	-
PRINTING AND PUBLISHING — SIC 27				
1977	6.3	-	-	-
1978	7.0	-	-	-
1979	7.4	-	-	-
1980	8.0	-	-	-
1981	8.1	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	25.0	-	-	-
1978	26.5	-	-	-
1979	29.2	-	-	-
1980	30.7	-	-	-
1981	32.9	-	-	-
TRANSPORTATION — SIC 40-42,44-47				
1977	11.4	-	-	-
1978	12.2	-	-	-
1979	13.8	-	-	-
1980	14.7	-	-	-
1981	15.1	-	-	-
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	13.6	-	-	-
1978	14.3	-	-	-
1979	15.4	-	-	-
1980	16.1	-	-	-
1981	17.8	-	-	-
PHOENIX (Con.)				
WHOLESALE AND RETAIL TRADE				
1977	128.7	-	-	-
1978	143.0	-	-	-
1979	155.6	-	-	-
1980	162.0	-	-	-
1981	169.9	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	32.1	224.72	40.2	5.59
1978	34.5	236.81	39.8	5.95
1979	37.0	254.00	40.0	6.35
1980	39.2	275.26	39.1	7.04
1981	41.2	298.70	39.2	7.62
RETAIL TRADE — SIC 52-59				
1977	96.6	-	-	-
1978	108.5	-	-	-
1979	118.6	-	-	-
1980	122.8	-	-	-
1981	128.7	-	-	-
RETAIL TRADE, EXCEPT EATING AND DRINKING PLACES — SIC 52-57,59				
1977	-	154.56	34.5	4.49
1978	-	165.67	34.3	4.83
1979	-	179.05	34.3	5.22
1980	-	186.60	33.5	5.57
1981	-	202.27	33.6	6.02
GENERAL MERCHANDISE, APPAREL AND ACCESSORY STORES — SIC 53,56				
1977	17.9	-	-	-
1978	19.5	-	-	-
1979	22.1	-	-	-
1980	24.2	-	-	-
1981	24.7	-	-	-
FOOD STORES — SIC 54				
1977	15.0	-	-	-
1978	16.9	-	-	-
1979	18.2	-	-	-
1980	19.6	-	-	-
1981	20.4	-	-	-
AUTOMOTIVE DEALERS AND SERVICE STATIONS — SIC 55				
1977	13.2	-	-	-
1978	14.6	-	-	-
1979	15.0	-	-	-
1980	14.4	-	-	-
1981	14.5	-	-	-
EATING AND DRINKING PLACES — SIC 58				
1977	29.8	-	-	-
1978	33.9	-	-	-
1979	37.3	-	-	-
1980	38.8	-	-	-
1981	42.3	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	35.0	-	-	-
1978	38.6	-	-	-
1979	42.9	-	-	-
1980	44.9	-	-	-
1981	47.3	-	-	-
SERVICES				
1977	96.1	-	-	-
1978	110.0	-	-	-
1979	123.6	-	-	-
1980	132.8	-	-	-
1981	140.7	-	-	-
HOTELS AND OTHER LODGING PLACES — SIC 70				
1977	10.1	-	-	-
1978	12.0	-	-	-
1979	12.4	-	-	-
1980	12.6	-	-	-
1981	13.3	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
PHOENIX (Con.)				
BUSINESS SERVICES — SIC 73				
1977	19.3	-	-	-
1978	22.3	-	-	-
1979	26.6	-	-	-
1980	28.9	-	-	-
1981	30.3	-	-	-
HEALTH SERVICES — SIC 80				
1977	26.5	-	-	-
1978	29.2	-	-	-
1979	32.2	-	-	-
1980	35.2	-	-	-
1981	38.1	-	-	-
GOVERNMENT				
1977	89.8	-	-	-
1978	97.9	-	-	-
1979	98.7	-	-	-
1980	100.8	-	-	-
1981	99.5	-	-	-
TUCSON				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	152.2	-	-	-
1978	161.7	-	-	-
1979	176.6	-	-	-
1980	184.6	-	-	-
1981	189.5	-	-	-
MINING				
1977	6.9	-	-	-
1978	5.8	-	-	-
1979	6.7	-	-	-
1980	6.7	-	-	-
1981	7.7	-	-	-
COPPER ORES — SIC 102				
1977	-	310.71	40.3	7.71
1978	-	342.26	40.6	8.43
1979	-	387.98	41.1	9.44
1980	-	441.98	41.5	10.65
1981	-	501.23	41.7	12.02
CONSTRUCTION				
1977	10.1	291.97	34.8	8.39
1978	12.7	335.71	35.6	9.43
1979	16.0	331.82	37.2	8.92
1980	14.5	357.92	35.9	9.97
1981	12.7	399.89	35.8	11.17
MANUFACTURING				
1977	13.3	219.74	39.1	5.62
1978	14.8	225.61	39.1	5.77
1979	18.2	247.26	39.0	6.34
1980	21.3	278.40	38.4	7.25
1981	23.8	306.02	38.3	7.99
DURABLE GOODS				
1977	9.4	-	-	-
1978	10.7	-	-	-
1979	13.9	-	-	-
1980	16.6	-	-	-
1981	18.9	-	-	-
NONDURABLE GOODS				
1977	3.9	-	-	-
1978	4.1	-	-	-
1979	4.3	-	-	-
1980	4.7	-	-	-
1981	4.9	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	7.8	-	-	-
1978	8.1	-	-	-
1979	8.7	-	-	-
1980	9.0	-	-	-
1981	9.0	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
TUCSON (Con.)				
TRANSPORTATION — SIC 40-42,44-47				
1977	3.8	-	-	-
1978	3.7	-	-	-
1979	4.1	-	-	-
1980	4.2	-	-	-
1981	3.9	-	-	-
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	4.0	274.58	40.8	6.73
1978	4.4	308.59	42.1	7.33
1979	4.6	332.42	42.4	7.84
1980	4.7	378.43	43.8	8.64
1981	5.1	404.78	43.2	9.37
WHOLESALE AND RETAIL TRADE				
1977	34.4	-	-	-
1978	36.8	-	-	-
1979	39.3	-	-	-
1980	40.8	-	-	-
1981	42.3	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	3.9	-	-	-
1978	4.1	-	-	-
1979	4.9	-	-	-
1980	5.6	-	-	-
1981	5.8	-	-	-
RETAIL TRADE — SIC 52-59				
1977	30.5	-	-	-
1978	32.7	-	-	-
1979	34.4	-	-	-
1980	35.2	-	-	-
1981	36.4	-	-	-
GENERAL MERCHANDISE, APPAREL AND ACCESSORY STORES — SIC 53,56				
1977	6.4	-	-	-
1978	6.6	-	-	-
1979	6.6	-	-	-
1980	6.6	-	-	-
1981	7.1	-	-	-
FOOD STORES — SIC 54				
1977	4.2	-	-	-
1978	4.5	-	-	-
1979	4.6	-	-	-
1980	5.2	-	-	-
1981	5.2	-	-	-
AUTOMOTIVE DEALERS AND SERVICE STATIONS — SIC 55				
1977	4.4	-	-	-
1978	4.5	-	-	-
1979	4.5	-	-	-
1980	4.3	-	-	-
1981	4.4	-	-	-
EATING AND DRINKING PLACES — SIC 58				
1977	9.7	-	-	-
1978	10.6	-	-	-
1979	11.7	-	-	-
1980	12.0	-	-	-
1981	12.4	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	6.5	-	-	-
1978	7.1	-	-	-
1979	8.0	-	-	-
1980	8.5	-	-	-
1981	8.8	-	-	-
SERVICES				
1977	30.6	-	-	-
1978	33.9	-	-	-
1979	36.8	-	-	-
1980	39.6	-	-	-
1981	41.2	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
TUCSON (Con.)				
HOTELS AND OTHER LODGING PLACES — SIC 70				
1977	2.5	-	-	-
1978	2.8	-	-	-
1979	2.9	-	-	-
1980	2.8	-	-	-
1981	2.8	-	-	-
BUSINESS SERVICES — SIC 73				
1977	3.5	-	-	-
1978	4.0	-	-	-
1979	4.7	-	-	-
1980	5.7	-	-	-
1981	5.9	-	-	-
HEALTH SERVICES — SIC 80				
1977	9.8	-	-	-
1978	10.2	-	-	-
1979	11.0	-	-	-
1980	11.7	-	-	-
1981	12.1	-	-	-
GOVERNMENT				
1977	42.6	-	-	-
1978	42.5	-	-	-
1979	42.9	-	-	-
1980	44.3	-	-	-
1981	44.1	-	-	-

See footnotes at end of tables.

ARKANSAS

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	695.6	-	-	-
1978	732.7	-	-	-
1979	749.4	-	-	-
1980	742.3	-	-	-
1981	740.4	-	-	-
MINING				
1977	4.8	-	-	-
1978	4.6	-	-	-
1979	4.8	-	-	-
1980	5.2	-	-	-
1981	5.9	-	-	-
OIL AND GAS EXTRACTION — SIC 13				
1977	2.3	-	-	-
1978	2.5	-	-	-
1979	2.7	-	-	-
1980	3.3	-	-	-
1981	4.0	-	-	-
CONSTRUCTION				
1977	37.2	-	-	-
1978	3?.9	-	-	-
1979	41.9	-	-	-
1980	37.6	-	-	-
1981	34.3	-	-	-
MANUFACTURING				
1977	209.3	170.71	39.7	4.30
1978	217.5	185.50	39.3	4.72
1979	217.8	205.52	39.6	5.19
1980	209.1	224.40	39.3	5.71
1981	210.3	246.64	39.4	6.26
DURABLE GOODS				
1977	114.9	172.08	40.3	4.27
1978	121.1	186.19	39.7	4.69
1979	120.7	206.63	40.2	5.14
1980	112.8	225.89	39.7	5.69
1981	112.7	250.17	39.9	6.27
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	21.5	165.71	42.6	3.89
1978	22.6	178.13	40.3	4.42
1979	22.3	193.75	41.4	4.68
1980	20.6	209.20	40.7	5.14
1981	20.4	235.42	40.8	5.77
FURNITURE AND FIXTURES — SIC 25				
1977	12.8	[1] 137.26	[1] 36.7	[1] 3.74
1978	12.7	155.74	37.8	4.12
1979	10.7	170.05	38.3	4.44
1980	9.8	188.93	38.4	4.92
1981	9.9	204.14	38.3	5.33
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	4.9	204.47	41.9	4.88
1978	5.3	228.43	43.1	5.30
1979	5.4	251.12	43.0	5.84
1980	5.0	272.16	42.0	6.48
1981	4.8	288.11	41.1	7.01
PRIMARY METAL INDUSTRIES — SIC 33				
1977	7.3	213.96	40.6	5.27
1978	8.1	233.16	40.2	5.80
1979	8.4	255.84	41.0	6.24
1980	7.7	274.82	39.6	6.94
1981	7.4	312.98	40.7	7.69

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
FABRICATED METAL PRODUCTS — SIC 34				
1977	13.8	173.69	40.3	4.31
1978	14.4	193.99	41.1	4.72
1979	14.9	215.06	41.2	5.22
1980	13.6	241.76	40.7	5.94
1981	14.0	273.50	40.7	6.72
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	12.8	184.91	41.0	4.51
1978	14.0	197.41	39.8	4.96
1979	14.3	219.45	39.9	5.50
1980	13.6	232.83	39.0	5.97
1981	14.4	255.57	38.9	6.57
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	22.5	187.60	40.0	4.69
1978	23.9	198.00	39.6	5.00
1979	23.9	221.60	40.0	5.54
1980	23.2	243.94	39.6	6.16
1981	24.2	257.67	39.1	6.59
TRANSPORTATION EQUIPMENT — SIC 37				
1977	6.9	173.42	40.9	4.24
1978	7.9	181.42	39.1	4.64
1979	8.4	191.14	37.7	5.07
1980	7.2	210.37	37.3	5.64
1981	6.8	246.64	40.3	6.12
INSTRUMENTS, AND MISC. MANUFACTURING — SIC 38,39				
1977	12.4	[1] 142.01	[1] 38.8	[1] 3.66
1978	12.2	150.88	38.1	3.96
1979	12.4	169.42	39.4	4.30
1980	12.1	184.55	39.1	4.72
1981	10.8	204.10	39.1	5.22
NONDURABLE GOODS				
1977	94.4	168.44	38.9	4.33
1978	96.4	184.21	38.7	4.76
1979	97.1	204.61	38.9	5.26
1980	96.3	222.53	38.7	5.75
1981	97.6	243.75	39.0	6.25
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	29.4	144.44	39.9	3.62
1978	30.8	154.80	38.7	4.00
1979	32.4	171.39	39.4	4.35
1980	32.5	182.96	38.6	4.74
1981	34.6	198.66	38.8	5.12
TEXTILE MILL PRODUCTS — SIC 22				
1977	4.3	168.91	41.4	4.08
1978	4.2	177.95	39.9	4.46
1979	4.4	191.88	39.4	4.87
1980	3.9	207.23	39.1	5.30
1981	3.7	237.18	40.2	5.90
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	15.9	115.96	35.9	3.23
1978	14.9	128.87	36.2	3.56
1979	14.0	135.23	35.4	3.82
1980	13.4	152.44	35.7	4.27
1981	12.2	163.44	36.0	4.54
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	12.3	259.34	41.1	6.31
1978	12.9	291.21	40.9	7.12
1979	13.1	324.34	40.9	7.93

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
PAPER AND ALLIED PRODUCTS — SIC 26 (Con.)				
1980	12.9	354.84	40.6	8.74
1981	13.0	392.08	41.8	9.38
PRINTING AND PUBLISHING — SIC 27				
1977	8.2	173.80	37.7	4.61
1978	8.5	191.88	38.3	5.01
1979	8.9	210.21	38.5	5.46
1980	9.2	229.90	38.9	5.91
1981	9.2	253.88	39.3	6.46
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	7.0	266.90	39.6	6.74
1978	7.1	275.71	39.9	6.91
1979	7.3	322.76	41.7	7.74
1980	7.6	346.86	41.0	8.46
1981	7.6	361.62	38.8	9.32
PETROLEUM AND COAL PRODUCTS — SIC 29				
1977	1.6	[1] 223.21	[1] 41.8	[1] 5.34
1978	1.8	264.76	44.2	5.99
1979	1.8	288.32	44.7	6.45
1980	1.6	308.41	46.1	6.69
1981	1.5	345.58	46.2	7.48
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS — SIC 30				
1977	8.0	[1] 201.23	[1] 40.9	[1] 4.92
1978	8.4	207.08	39.9	5.19
1979	8.2	225.76	40.1	5.63
1980	7.9	243.32	39.5	6.16
1981	8.4	276.74	40.4	6.85
LEATHER AND LEATHER PRODUCTS — SIC 31				
1977	7.7	[1] 114.70	[1] 35.4	[1] 3.24
1978	7.8	129.43	37.3	3.47
1979	7.0	135.70	35.9	3.78
1980	7.3	153.30	37.3	4.11
1981	7.4	165.35	36.5	4.53
TRANSPORTATION AND PUBLIC UTILITIES				
1977	38.5	-	-	-
1978	41.3	-	-	-
1979	43.6	-	-	-
1980	43.3	-	-	-
1981	43.4	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	150.1	-	-	-
1978	158.7	-	-	-
1979	162.1	-	-	-
1980	159.8	-	-	-
1981	160.0	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	37.0	-	-	-
1978	40.1	-	-	-
1979	41.0	-	-	-
1980	39.5	-	-	-
1981	39.2	-	-	-
RETAIL TRADE — SIC 52-59				
1977	113.1	-	-	-
1978	118.6	-	-	-
1979	121.1	-	-	-
1980	120.3	-	-	-
1981	120.8	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Production or nonsupervisory workers: Average weekly hours	Production or nonsupervisory workers: Average hourly earnings (dollars)
STATEWIDE (Con.)				
GENERAL MERCHANDISE STORES — SIC 53				
1977	16.9	-	-	-
1978	17.3	-	-	-
1979	18.3	-	-	-
1980	19.4	-	-	-
1981	20.7	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	29.3	-	-	-
1978	30.4	-	-	-
1979	31.0	-	-	-
1980	31.3	-	-	-
1981	31.9	-	-	-
SERVICES				
1977	97.8	-	-	-
1978	104.4	-	-	-
1979	109.1	-	-	-
1980	114.9	-	-	-
1981	116.8	-	-	-
GOVERNMENT				
1977	128.6	-	-	-
1978	135.9	-	-	-
1979	139.1	-	-	-
1980	141.1	-	-	-
1981	137.8	-	-	-
FEDERAL GOVERNMENT				
1977	19.5	-	-	-
1978	20.0	-	-	-
1979	20.0	-	-	-
1980	21.1	-	-	-
1981	20.8	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	109.1	-	-	-
1978	115.9	-	-	-
1979	119.1	-	-	-
1980	120.0	-	-	-
1981	117.0	-	-	-
FAYETTEVILLE-SPRINGDALE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	57.2	-	-	-
1978	61.7	-	-	-
1979	64.0	-	-	-
1980	64.0	-	-	-
1981	65.8	-	-	-
CONSTRUCTION				
1977	3.0	-	-	-
1978	3.2	-	-	-
1979	3.2	-	-	-
1980	2.9	-	-	-
1981	2.7	-	-	-
MANUFACTURING				
1977	17.9	155.22	39.8	3.90
1978	18.7	168.67	39.5	4.27
1979	19.7	189.48	40.4	4.69
1980	18.9	202.66	39.2	5.17
1981	20.2	224.76	39.5	5.69
DURABLE GOODS				
1977	7.9	170.10	42.0	4.05
1978	8.4	178.16	40.4	4.41
1979	8.7	200.90	41.0	4.90
1980	8.5	216.76	39.7	5.46
1981	9.0	233.45	39.5	5.91
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	.3	-	-	-
1978	.3	-	-	-
1979	.4	-	-	-
1980	.4	-	-	-
1981	.4	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Production or nonsupervisory workers: Average weekly hours	Production or nonsupervisory workers: Average hourly earnings (dollars)
FAYETTEVILLE-SPRINGDALE (Con.)				
PRIMARY METALS, METAL WORKING INDUSTRIES, AND INSTRUMENTS — SIC 33-38				
1977	5.6	170.15	41.1	4.14
1978	6.3	180.50	40.2	4.49
1979	6.6	201.40	40.2	5.01
1980	6.2	221.31	39.1	5.66
1981	6.4	245.12	39.6	6.19
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	1.0	-	-	-
1978	1.1	-	-	-
1979	1.0	-	-	-
1980	1.2	-	-	-
1981	1.3	-	-	-
NONDURABLE GOODS				
1977	10.0	147.80	39.1	3.78
1978	10.3	161.41	38.8	4.16
1979	11.0	181.15	39.9	4.54
1980	10.4	190.90	38.8	4.92
1981	11.2	201.85	39.5	5.11
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	7.1	137.39	38.7	3.55
1978	7.3	150.14	38.3	3.92
1979	7.7	168.78	39.9	4.23
1980	7.4	176.90	37.8	4.68
1981	7.9	188.25	37.5	5.02
TRANSPORTATION AND PUBLIC UTILITIES				
1977	3.0	-	-	-
1978	3.3	-	-	-
1979	3.7	-	-	-
1980	3.9	-	-	-
1981	3.9	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	13.5	-	-	-
1978	14.8	-	-	-
1979	15.3	-	-	-
1980	15.5	-	-	-
1981	16.0	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	3.2	-	-	-
1978	3.7	-	-	-
1979	3.7	-	-	-
1980	3.1	-	-	-
1981	3.0	-	-	-
RETAIL TRADE — SIC 52-59				
1977	10.3	-	-	-
1978	11.1	-	-	-
1979	11.6	-	-	-
1980	12.4	-	-	-
1981	13.0	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	2.0	-	-	-
1978	2.1	-	-	-
1979	2.2	-	-	-
1980	2.3	-	-	-
1981	2.3	-	-	-
SERVICES AND MINING				
1977	7.2	-	-	-
1978	7.9	-	-	-
1979	8.5	-	-	-
1980	9.2	-	-	-
1981	9.4	-	-	-
GOVERNMENT				
1977	10.6	-	-	-
1978	11.7	-	-	-
1979	11.4	-	-	-
1980	11.3	-	-	-
1981	11.3	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Production or nonsupervisory workers: Average weekly hours	Production or nonsupervisory workers: Average hourly earnings (dollars)
FORT SMITH				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	63.7	-	-	-
1978	68.2	-	-	-
1979	68.3	-	-	-
1980	68.4	-	-	-
1981	69.5	-	-	-
MINING				
1977	.7	-	-	-
1978	.7	-	-	-
1979	.9	-	-	-
1980	1.0	-	-	-
1981	1.1	-	-	-
CONSTRUCTION				
1977	2.9	-	-	-
1978	3.2	-	-	-
1979	3.1	-	-	-
1980	2.9	-	-	-
1981	2.7	-	-	-
MANUFACTURING				
1977	23.3	171.77	38.6	4.45
1978	25.2	193.94	39.1	4.96
1979	23.8	209.97	39.1	5.37
1980	21.6	218.30	37.9	5.76
1981	22.5	247.04	38.6	6.40
DURABLE GOODS				
1977	16.9	173.57	38.4	4.52
1978	18.1	197.46	39.1	5.05
1979	16.4	215.21	39.2	5.49
1980	14.2	222.75	37.5	5.94
1981	14.8	252.22	38.1	6.62
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	.4	132.20	39.7	3.33
1978	.4	144.34	38.8	3.72
1979	.4	159.20	36.1	4.41
1980	.4	161.25	37.5	4.30
1981	.4	182.20	40.4	4.51
FURNITURE AND FIXTURES — SIC 25				
1977	5.6	128.16	35.5	3.61
1978	5.7	159.38	37.5	4.25
1979	4.1	164.93	37.4	4.41
1980	3.4	171.55	36.5	4.70
1981	3.6	185.56	36.6	5.07
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	.8	182.36	38.8	4.70
1978	.9	210.31	40.6	5.18
1979	.9	226.08	42.1	5.37
1980	.9	238.14	41.2	5.78
1981	.9	251.62	39.5	6.37
PRIMARY METALS, AND METAL WORKING INDUSTRIES — SIC 33-37				
1977	9.6	206.63	40.2	5.14
1978	10.6	223.76	40.1	5.58
1979	10.6	245.83	40.3	6.10
1980	9.1	250.14	37.9	6.60
1981	9.4	284.45	38.7	7.35
FABRICATED METAL PRODUCTS — SIC 34				
1977	.8	177.06	39.0	4.54
1978	.9	198.30	39.9	4.97
1979	.9	225.43	40.4	5.58
1980	.8	243.20	40.0	6.08
1981	.8	247.00	38.0	6.50
NONDURABLE GOODS				
1977	6.4	165.03	39.2	4.21
1978	7.1	182.75	38.8	4.71
1979	7.4	196.06	38.9	5.04
1980	7.4	208.44	38.6	5.40
1981	7.7	233.64	39.6	5.90

See footnotes at end of tables.

ARKANSAS

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
FORT SMITH (Con.)				
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	3.0	152.78	38.1	4.01
1978	3.3	163.68	36.7	4.46
1979	3.5	183.74	38.2	4.81
1980	3.6	187.73	37.1	5.06
1981	3.7	207.59	38.3	5.42
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	.6	-	-	-
1978	.6	-	-	-
1979	.6	-	-	-
1980	.5	-	-	-
1981	.7	-	-	-
PRINTING AND PUBLISHING — SIC 27				
1977	.7	-	-	-
1978	.7	-	-	-
1979	.7	-	-	-
1980	.7	-	-	-
1981	.7	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	3.1	-	-	-
1978	3.5	-	-	-
1979	3.7	-	-	-
1980	3.7	-	-	-
1981	3.6	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	13.7	-	-	-
1978	14.3	-	-	-
1979	14.5	-	-	-
1980	14.5	-	-	-
1981	14.5	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	3.3	-	-	-
1978	3.3	-	-	-
1979	3.4	-	-	-
1980	3.4	-	-	-
1981	3.3	-	-	-
RETAIL TRADE — SIC 52-59				
1977	10.4	-	-	-
1978	11.0	-	-	-
1979	11.1	-	-	-
1980	11.1	-	-	-
1981	11.2	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	2.2	-	-	-
1978	2.3	-	-	-
1979	2.4	-	-	-
1980	2.5	-	-	-
1981	2.6	-	-	-
SERVICES				
1977	10.5	-	-	-
1978	11.1	-	-	-
1979	11.4	-	-	-
1980	12.6	-	-	-
1981	12.4	-	-	-
GOVERNMENT				
1977	7.3	-	-	-
1978	7.9	-	-	-
1979	8.5	-	-	-
1980	9.6	-	-	-
1981	10.1	-	-	-
LITTLE ROCK-NORTH LITTLE ROCK				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	166.4	-	-	-
1978	175.6	-	-	-
1979	181.5	-	-	-
1980	180.8	-	-	-
1981	179.2	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
LITTLE ROCK-NORTH LITTLE ROCK (Con.)				
CONSTRUCTION				
1977	9.5	-	-	-
1978	9.9	-	-	-
1979	9.9	-	-	-
1980	9.5	-	-	-
1981	8.8	-	-	-
MANUFACTURING				
1977	30.6	197.69	40.1	4.93
1978	32.0	212.07	39.2	5.41
1979	31.9	234.40	40.0	5.86
1980	30.7	250.49	39.2	6.39
1981	29.6	281.64	39.5	7.13
DURABLE GOODS				
1977	17.5	181.80	40.4	4.50
1978	18.5	194.04	39.2	4.95
1979	18.1	210.28	39.6	5.31
1980	16.6	228.15	39.0	5.85
1981	15.2	260.95	39.9	6.54
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	1.5	153.50	40.5	3.79
1978	1.5	159.49	38.9	4.10
1979	1.3	172.13	39.3	4.38
1980	1.1	194.40	41.1	4.73
1981	1.1	203.86	41.1	4.96
FURNITURE AND FIXTURES — SIC 25				
1977	1.2	117.99	34.4	3.43
1978	1.0	120.25	32.5	3.70
1979	.9	131.41	36.2	3.63
1980	.7	149.78	36.8	4.07
1981	.8	156.17	35.9	4.35
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	.9	210.56	44.8	4.70
1978	1.0	238.87	44.9	5.32
1979	1.0	258.71	44.3	5.84
1980	1.0	271.35	42.2	6.43
1981	1.0	310.46	44.1	7.04
PRIMARY METALS, METAL WORKING INDUSTRIES, AND INSTRUMENTS — SIC 33-38				
1977	13.6	192.17	40.8	4.71
1978	14.7	201.22	39.3	5.12
1979	14.6	218.44	39.5	5.53
1980	13.5	233.96	38.8	6.03
1981	11.9	273.03	39.8	6.86
FABRICATED METAL PRODUCTS — SIC 34				
1977	1.8	270.40	48.2	5.61
1978	2.0	289.21	44.7	6.47
1979	2.2	279.60	41.3	6.77
1980	2.1	273.14	41.7	6.55
1991	2.1	307.84	41.6	7.40
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	4.8	217.88	40.2	5.42
1978	4.8	222.48	39.1	5.69
1979	4.8	247.20	40.0	6.18
1980	4.8	276.01	39.6	6.97
1981	4.5	298.19	39.6	7.53
MISC. MANUFACTURING INDUSTRIES — SIC 39				
1977	.3	-	-	-
1978	.3	-	-	-
1979	.3	-	-	-
1980	.3	-	-	-
1981	.4	-	-	-
NONDURABLE GOODS				
1977	13.1	224.36	39.5	5.68
1978	13.5	253.37	40.8	6.21
1979	13.8	272.43	40.6	6.71
1980	14.1	278.95	39.4	7.08
1981	14.4	304.59	39.0	7.81

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
LITTLE ROCK-NORTH LITTLE ROCK (Con.)				
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	3.0	177.96	43.3	4.11
1978	3.1	195.62	41.8	4.68
1979	3.1	212.35	42.3	5.02
1980	3.3	207.08	39.9	5.19
1981	3.4	234.27	41.1	5.70
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	1.3	216.58	37.6	5.76
1978	1.3	229.42	36.3	6.32
1979	1.2	251.84	37.7	6.68
1980	1.1	266.74	35.9	7.43
1981	1.1	315.95	38.0	8.31
PRINTING AND PUBLISHING — SIC 27				
1977	2.1	212.51	39.5	5.38
1978	2.2	228.92	38.8	5.90
1979	2.4	244.48	38.2	6.40
1980	2.5	261.56	37.7	6.94
1981	2.6	259.07	36.8	7.58
TRANSPORTATION AND PUBLIC UTILITIES				
1977	11.3	-	-	-
1978	12.7	-	-	-
1979	13.9	-	-	-
1980	14.0	-	-	-
1981	13.6	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	38.9	-	-	-
1978	40.6	-	-	-
1979	42.0	-	-	-
1980	41.9	-	-	-
1981	42.0	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	11.5	-	-	-
1978	12.2	-	-	-
1979	12.8	-	-	-
1980	13.1	-	-	-
1981	13.2	-	-	-
RETAIL TRADE — SIC 52-59				
1977	27.4	-	-	-
1978	28.4	-	-	-
1979	29.2	-	-	-
1980	28.8	-	-	-
1981	28.8	-	-	-
GENERAL MERCHANDISE STORES — SIC 53				
1977	5.3	-	-	-
1978	5.0	-	-	-
1979	4.8	-	-	-
1980	4.9	-	-	-
1981	5.2	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	11.8	-	-	-
1978	12.2	-	-	-
1979	12.3	-	-	-
1980	12.4	-	-	-
1981	12.7	-	-	-
SERVICES AND MINING				
1977	29.9	-	-	-
1978	31.8	-	-	-
1979	33.6	-	-	-
1980	34.0	-	-	-
1981	35.5	-	-	-
GOVERNMENT				
1977	34.4	-	-	-
1978	36.4	-	-	-
1979	37.9	-	-	-
1980	38.3	-	-	-
1981	37.0	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
PINE BLUFF				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	28.9	-	-	-
1978	31.6	-	-	-
1979	32.7	-	-	-
1980	32.8	-	-	-
1981	31.5	-	-	-
CONSTRUCTION				
1977	1.3	-	-	-
1978	2.2	-	-	-
1979	3.0	-	-	-
1980	3.1	-	-	-
1981	2.0	-	-	-
MANUFACTURING				
1977	6.2	211.74	41.6	5.09
1978	6.4	246.69	41.6	5.93
1979	6.2	280.81	42.1	6.67
1980	6.2	317.06	41.5	7.64
1981	6.3	323.23	41.6	7.77
DURABLE GOODS				
1977	2.9	160.61	41.5	3.87
1978	3.0	180.13	41.6	4.33
1979	2.9	199.86	41.9	4.77
1980	2.9	215.06	41.2	5.22
1981	3.0	234.58	41.3	5.68
NONDURABLE GOODS				
1977	3.3	255.20	41.7	6.12
1978	3.4	298.16	41.7	7.15
1979	3.3	335.49	42.2	7.95
1980	3.3	378.56	41.6	9.10
1981	3.3	407.55	41.8	9.75
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	.6	149.10	42.0	3.55
1978	.7	155.86	40.8	3.82
1979	.6	166.00	41.5	4.00
1980	.7	207.83	40.2	5.17
1981	.7	235.60	40.0	5.89
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	2.2	297.78	42.0	7.09
1978	2.2	354.84	42.7	8.31
1979	2.2	397.38	43.1	9.22
1980	2.1	445.60	42.6	10.46
1981	2.1	476.11	42.7	11.15
TRANSPORTATION AND PUBLIC UTILITIES				
1977	3.6	-	-	-
1978	3.8	-	-	-
1979	4.1	-	-	-
1980	4.0	-	-	-
1981	3.9	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	6.0	-	-	-
1978	6.4	-	-	-
1979	6.6	-	-	-
1980	6.4	-	-	-
1981	6.3	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	1.2	-	-	-
1978	1.2	-	-	-
1979	1.3	-	-	-
1980	1.3	-	-	-
1981	1.2	-	-	-
RETAIL TRADE — SIC 52-59				
1977	4.8	-	-	-
1978	5.2	-	-	-
1979	5.3	-	-	-
1980	5.2	-	-	-
1981	5.1	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
PINE BLUFF (Con.)				
FINANCE, INSURANCE, AND REAL ESTATE				
1977	1.2	-	-	-
1978	1.3	-	-	-
1979	1.3	-	-	-
1980	1.4	-	-	-
1981	1.3	-	-	-
SERVICES AND MINING				
1977	4.5	-	-	-
1978	4.7	-	-	-
1979	4.9	-	-	-
1980	4.9	-	-	-
1981	5.2	-	-	-
GOVERNMENT				
1977	6.1	-	-	-
1978	6.8	-	-	-
1979	6.6	-	-	-
1980	6.8	-	-	-
1981	6.5	-	-	-

See footnotes at end of tables.

CALIFORNIA

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	8,599.7	-	-	-
1978	9,199.8	-	-	-
1979	9,664.6	-	-	-
1980	9,852.4	-	-	-
1981	10,040.0	-	-	-
MINING				
1977	35.6	-	-	-
1978	37.1	-	-	-
1979	39.3	-	-	-
1980	43.5	-	-	-
1981	48.0	-	-	-
METAL MINING — SIC 10				
1977	2.2	319.87	47.6	6.72
1978	2.2	340.33	47.4	7.18
1979	2.3	373.53	48.7	7.67
1980	2.2	398.46	45.8	8.70
1981	2.4	440.75	46.2	9.54
BITUMINOUS COAL MINING, AND OIL AND GAS EXTRACTION — SIC 12,13				
1977	26.1	330.77	39.9	8.29
1978	27.4	366.92	40.1	9.15
1979	29.4	405.14	40.8	9.93
1980	33.4	443.90	40.8	10.88
1981	38.2	489.95	41.0	11.95
NONMETALLIC MINERALS, EXCEPT FUELS — SIC 14				
1977	7.2	373.01	42.1	8.86
1978	7.5	401.32	42.2	9.51
1979	7.6	448.42	43.2	10.38
1980	7.9	460.91	41.3	11.16
1981	7.4	503.01	41.4	12.15
CONSTRUCTION				
1977	366.1	-	-	-
1978	417.5	-	-	-
1979	463.3	-	-	-
1980	444.8	-	-	-
1981	432.9	-	-	-
GENERAL BUILDING CONTRACTORS — SIC 15				
1977	100.6	374.67	34.5	10.86
1978	116.4	387.89	33.7	11.51
1979	127.1	411.89	33.9	12.15
1980	116.9	465.47	34.1	13.65
1981	111.1	535.26	34.6	15.47
HEAVY CONSTRUCTION CONTRACTORS — SIC 16				
1977	73.3	423.31	37.1	11.41
1978	82.3	462.96	37.7	12.28
1979	88.8	507.68	38.2	13.29
1980	90.9	549.17	37.9	14.49
1981	90.9	587.29	37.1	15.83
SPECIAL TRADE CONTRACTORS — SIC 17				
1977	192.1	-	-	-
1978	218.8	-	-	-
1979	247.4	-	-	-
1980	237.1	-	-	-
1981	230.8	-	-	-
PLUMBING, HEATING, AIR CONDITIONING — SIC 171				
1977	-	424.35	35.6	11.92
1978	-	440.51	35.1	12.55
1979	-	465.85	35.0	13.31

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
PLUMBING, HEATING, AIR CONDITIONING — SIC 171 (Con.)				
1980	-	512.77	34.6	14.82
1981	-	592.71	34.4	17.23
PAINTING, PAPER HANGING, DECORATING — SIC 172				
1977	-	385.03	31.9	12.07
1978	-	377.61	30.8	12.26
1979	-	390.87	30.3	12.90
1980	-	453.59	30.3	14.97
1981	-	514.41	30.1	17.09
ELECTRICAL WORK — SIC 173				
1977	-	446.96	35.9	12.45
1978	-	493.85	36.5	13.53
1979	-	560.54	37.9	14.79
1980	-	597.02	35.9	16.63
1981	-	698.15	36.4	19.18
MASONRY, STONEWORK, AND PLASTERING — SIC 174				
1977	-	362.41	32.3	11.22
1978	-	369.26	31.4	11.76
1979	-	400.05	31.7	12.62
1980	-	448.22	32.2	13.92
1981	-	517.04	32.6	15.86
MANUFACTURING				
1977	1,728.3	240.60	40.1	6.00
1978	1,875.2	257.84	40.1	6.43
1979	2,002.7	280.50	39.9	7.03
1980	2,007.8	304.15	39.5	7.70
1981	2,018.8	338.98	39.6	8.56
DURABLE GOODS				
1977	1,136.4	251.54	40.9	6.15
1978	1,251.4	268.06	40.8	6.57
1979	1,359.7	289.98	40.5	7.16
1980	1,369.9	315.59	40.1	7.87
1981	1,374.6	353.68	40.1	8.82
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	66.4	254.56	40.6	6.27
1978	69.5	274.00	40.0	6.85
1979	68.7	296.40	40.0	7.41
1980	61.1	307.30	38.8	7.92
1981	56.1	322.79	38.2	8.45
LOGGING CAMPS, SAWMILLS AND PLANING MILLS — SIC 241,2				
1977	26.2	295.48	41.5	7.12
1978	26.5	325.19	40.7	7.99
1979	27.2	347.09	40.5	8.57
1980	24.2	360.89	39.1	9.23
1981	21.0	379.39	38.4	9.88
MILLWORK, PLYWOOD AND STRUCTURAL MEMBERS — SIC 243				
1977	15.5	257.60	40.0	6.44
1978	17.2	279.79	40.2	6.96
1979	18.0	300.45	39.9	7.53
1980	16.3	309.21	38.7	7.99
1981	15.1	315.38	37.5	8.41
WOOD CONTAINERS — SIC 244				
1977	4.8	214.34	38.9	5.51
1978	4.4	231.55	38.4	6.03
1979	4.7	251.94	39.0	6.46
1980	4.6	273.86	38.9	7.04
1981	4.0	294.81	39.1	7.54

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
FURNITURE AND FIXTURES — SIC 25				
1977	49.3	197.18	39.2	5.03
1978	55.0	206.58	39.2	5.27
1979	56.9	227.17	39.1	5.81
1980	54.0	240.86	38.6	6.24
1981	55.4	258.99	39.3	6.59
HOUSEHOLD FURNITURE — SIC 251				
1977	32.9	195.11	39.1	4.99
1978	35.9	203.18	38.7	5.25
1979	37.0	223.69	38.7	5.78
1980	33.8	229.45	37.8	6.07
1981	34.1	245.46	38.9	6.31
PARTITIONS AND FIXTURES — SIC 254				
1977	5.7	253.26	40.2	6.30
1978	6.2	254.92	39.4	6.47
1979	6.8	282.74	39.6	7.14
1980	6.9	296.81	38.9	7.63
1981	6.9	321.70	38.9	8.27
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	53.7	274.58	40.8	6.73
1978	57.2	298.80	41.1	7.27
1979	60.0	328.39	41.1	7.99
1980	57.4	352.96	40.2	8.78
1981	56.4	380.70	40.5	9.40
GLASS AND GLASS PRODUCTS — SIC 321-3				
1977	15.9	264.37	39.4	6.71
1978	17.5	290.39	40.5	7.17
1979	18.0	316.68	40.6	7.80
1980	17.7	347.33	40.2	8.64
1981	17.6	379.73	40.7	9.33
CEMENT, HYDRAULIC — SIC 324				
1977	3.2	368.49	42.6	8.65
1978	3.4	400.10	42.7	9.37
1979	3.6	446.02	42.6	10.47
1980	3.7	497.94	43.0	11.58
1981	3.5	554.27	43.1	12.86
STRUCTURAL CLAY PRODUCTS — SIC 325				
1977	3.8	206.52	40.1	5.15
1978	3.9	232.56	40.8	5.70
1979	3.8	258.85	40.7	6.36
1980	3.3	260.50	40.2	6.48
1981	3.3	280.98	41.2	6.82
POTTERY AND RELATED PRODUCTS — SIC 326				
1977	6.6	161.54	39.4	4.10
1978	6.5	172.09	39.2	4.39
1979	6.4	187.85	39.3	4.78
1980	6.1	198.53	37.6	5.28
1981	5.9	230.44	38.6	5.97
CONCRETE, GYPSUM, AND PLASTER PRODUCTS — SIC 327				
1977	14.1	345.64	42.1	8.21
1978	15.8	364.53	41.9	8.70
1979	17.3	398.61	41.8	9.56
1980	16.5	413.60	40.0	10.34
1981	16.0	453.69	40.4	11.23
PRIMARY METAL INDUSTRIES — SIC 33				
1977	54.3	278.66	40.8	6.83
1978	57.3	305.86	41.5	7.37
1979	60.5	331.17	41.5	7.98

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
PRIMARY METAL INDUSTRIES — SIC 33 (Con.)				
1980	57.3	357.93	41.0	8.73
1981	55.5	386.98	41.3	9.37
BLAST FURNACE AND BASIC STEEL PRODUCTS — SIC 331				
1977	20.6	338.00	40.0	8.45
1978	20.3	386.68	41.4	9.34
1979	21.2	417.58	41.1	10.16
1980	17.7	454.28	41.0	11.08
1981	16.4	499.20	41.6	12.00
IRON AND STEEL FOUNDRIES — SIC 332				
1977	7.9	225.48	40.7	5.54
1978	8.7	248.24	41.1	6.04
1979	9.1	266.80	41.3	6.46
1980	8.8	264.67	39.8	6.65
1981	8.8	290.07	40.4	7.18
NONFERROUS ROLLING AND DRAWING — SIC 335				
1977	13.6	279.48	42.8	6.53
1978	14.7	298.35	42.5	7.02
1979	15.5	346.30	42.7	8.11
1980	15.8	379.10	42.5	8.92
1981	15.1	403.52	41.6	9.70
NONFERROUS FOUNDRIES — SIC 336				
1977	8.6	213.20	41.0	5.20
1978	9.5	232.13	41.6	5.58
1979	10.4	248.05	41.9	5.92
1980	10.4	272.33	41.2	6.61
1981	10.4	318.10	41.8	7.61
FABRICATED METAL PRODUCTS — SIC 34				
1977	138.6	242.95	40.9	5.94
1978	151.0	259.16	41.4	6.26
1979	161.9	282.08	41.3	6.83
1980	159.0	311.30	40.8	7.63
1981	157.6	347.94	40.6	8.57
METAL CANS AND SHIPPING CONTAINERS — SIC 341				
1977	11.0	346.25	42.8	8.09
1978	10.9	376.89	42.3	8.91
1979	11.0	406.83	42.6	9.55
1980	10.5	454.68	42.1	10.80
1981	9.8	493.23	41.0	12.03
CUTLERY, HAND TOOLS, AND HARDWARE — SIC 342				
1977	16.8	219.85	39.9	5.51
1978	17.6	243.28	41.8	5.82
1979	18.6	267.90	41.6	6.44
1980	16.7	287.28	39.9	7.20
1981	15.7	319.50	40.7	7.85
PLUMBING AND HEATING, EXCEPT ELECTRIC — SIC 343				
1977	7.1	186.91	39.6	4.72
1978	7.5	206.52	40.1	5.15
1979	8.2	220.18	39.6	5.56
1980	7.6	244.45	39.3	6.22
1981	7.5	269.37	38.1	7.07
FABRICATED STRUCTURAL METAL PRODUCTS — SIC 344				
1977	44.7	264.52	40.2	6.58
1978	49.1	275.02	39.8	6.91
1979	52.4	299.74	39.7	7.55
1980	50.8	338.77	39.3	8.62
1981	52.5	387.08	39.7	9.75
SCREW MACHINE PRODUCTS, BOLTS, ETC. — SIC 345				
1977	9.3	244.10	42.6	5.73
1978	11.3	274.18	44.8	6.12
1979	13.6	295.26	44.4	6.65
1980	15.5	322.08	45.3	7.11
1981	15.1	346.20	42.9	8.07
METAL FORGINGS AND STAMPINGS — SIC 346				
1977	13.0	232.83	41.8	5.57
1978	14.6	259.16	44.0	5.89
1979	14.6	277.33	43.4	6.39
STATEWIDE (Con.)				
METAL FORGINGS AND STAMPINGS — SIC 346 (Con.)				
1980	14.3	303.40	41.0	7.40
1981	14.2	339.89	41.0	8.29
METAL SERVICES, NEC — SIC 347				
1977	16.0	194.88	41.2	4.73
1978	18.3	201.88	41.2	4.90
1979	20.2	223.31	40.9	5.46
1980	19.9	244.96	41.1	5.96
1981	19.6	262.58	40.9	6.42
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	177.6	259.37	41.7	6.22
1978	202.8	275.39	41.6	6.62
1979	226.8	296.21	40.8	7.26
1980	236.0	325.19	40.7	7.99
1981	234.2	370.06	40.8	9.07
FARM AND GARDEN MACHINERY — SIC 352				
1977	4.4	223.20	40.0	5.58
1978	5.0	229.65	39.8	5.77
1979	5.4	239.99	39.8	6.03
1980	5.5	276.06	40.3	6.85
1981	5.6	326.93	39.2	8.34
CONSTRUCTION AND RELATED MACHINERY — SIC 353				
1977	18.0	266.02	40.8	6.52
1978	19.6	285.25	41.4	6.89
1979	21.4	320.49	41.3	7.76
1980	21.7	340.80	40.0	8.52
1981	23.7	420.84	42.0	10.02
METALWORKING MACHINERY — SIC 354				
1977	16.7	257.13	42.5	6.05
1978	18.7	287.08	43.3	6.63
1979	20.6	310.38	42.0	7.39
1980	20.0	333.94	41.9	7.97
1981	19.0	373.19	41.1	9.08
SPECIAL INDUSTRY MACHINERY — SIC 355				
1977	10.3	299.89	40.2	7.46
1978	11.1	319.19	40.2	7.94
1979	12.2	344.27	39.8	8.65
1980	13.1	384.00	40.0	9.60
1981	13.3	400.57	39.7	10.09
GENERAL INDUSTRIAL MACHINERY — SIC 356				
1977	17.8	252.70	41.7	6.06
1978	19.2	266.27	41.8	6.37
1979	20.6	285.63	40.4	7.07
1980	21.6	321.64	42.1	7.64
1981	20.8	351.88	41.3	8.52
OFFICE AND COMPUTING MACHINES — SIC 357				
1977	67.0	224.80	41.4	5.43
1978	80.1	231.90	40.9	5.67
1979	92.2	245.60	40.0	6.14
1980	97.9	275.09	40.1	6.86
1981	96.5	310.80	40.0	7.77
REFRIGERATION AND SERVICE MACHINERY — SIC 358				
1977	6.3	229.25	39.8	5.76
1978	7.2	242.79	40.6	5.98
1979	7.6	247.83	39.4	6.29
1980	7.7	281.90	40.1	7.03
1981	7.7	320.00	40.1	7.98
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	251.8	229.64	40.5	5.67
1978	284.6	239.98	40.4	5.94
1979	316.8	254.23	40.1	6.34
1980	334.8	283.77	39.8	7.13
1981	343.5	325.19	39.9	8.15
ELECTRIC DISTRIBUTING EQUIPMENT — SIC 361				
1977	8.6	248.47	40.8	6.09
1978	8.7	250.10	40.6	6.16
1979	9.2	266.24	40.4	6.59
STATEWIDE (Con.)				
ELECTRIC DISTRIBUTING EQUIPMENT — SIC 361 (Con.)				
1980	9.6	301.68	39.8	7.58
1981	9.3	354.48	40.1	8.84
ELECTRICAL INDUSTRIAL APPARATUS — SIC 362				
1977	12.1	232.78	41.2	5.65
1978	13.7	243.02	41.4	5.87
1979	14.2	256.68	41.2	6.23
1980	14.8	279.33	40.6	6.88
1981	14.4	313.47	41.3	7.59
HOUSEHOLD APPLIANCES — SIC 363				
1977	5.5	230.68	40.4	5.71
1978	5.6	244.99	40.9	5.99
1979	5.7	255.12	39.8	6.41
1980	5.6	279.46	38.6	7.24
1981	5.6	304.58	39.2	7.77
ELECTRIC LIGHTING AND WIRING EQUIPMENT — SIC 364				
1977	17.7	188.07	40.1	4.69
1978	20.5	205.63	40.8	5.04
1979	23.5	219.20	40.0	5.48
1980	23.3	236.22	39.7	5.95
1981	22.9	262.60	40.4	6.50
RADIO AND TV RECEIVING EQUIPMENT — SIC 365				
1977	16.6	197.30	41.8	4.72
1978	17.8	190.48	40.1	4.75
1979	18.0	210.99	39.0	5.41
1980	17.6	234.02	39.8	5.88
1981	17.9	263.25	40.5	6.50
COMMUNICATION EQUIPMENT — SIC 366				
1977	102.1	283.27	40.7	6.96
1978	113.2	299.21	41.1	7.28
1979	123.5	318.65	40.8	7.81
1980	131.2	351.14	40.5	8.67
1981	138.6	397.98	40.2	9.90
ELECTRONIC COMPONENTS AND ACCESSORIES — SIC 367				
1977	82.3	199.50	39.9	5.00
1978	97.3	211.68	39.6	5.35
1979	114.6	220.57	39.6	5.57
1980	124.2	254.66	39.3	6.48
1981	125.3	294.78	39.2	7.52
MISC. ELECTRICAL EQUIPMENT AND SUPPLIES — SIC 369				
1977	6.9	-	-	-
1978	7.8	-	-	-
1979	8.0	-	-	-
1980	8.5	-	-	-
1981	9.5	-	-	-
TRANSPORTATION EQUIPMENT — SIC 37				
1977	234.7	295.48	41.5	7.12
1978	250.7	318.48	41.2	7.73
1979	274.0	346.01	40.9	8.46
1980	270.8	373.46	39.9	9.36
1981	271.9	418.70	39.8	10.52
MOTOR VEHICLES AND EQUIPMENT — SIC 371				
1977	44.5	307.40	42.4	7.25
1978	49.6	331.47	41.8	7.93
1979	49.6	342.59	40.4	8.48
1980	34.6	342.40	38.3	8.94
1981	35.9	395.39	40.1	9.86
AIRCRAFT AND PARTS — SIC 372				
1977	109.4	306.91	41.7	7.36
1978	117.5	333.38	42.2	7.90
1979	140.4	350.28	41.7	8.40
1980	151.0	387.73	40.9	9.48
1981	148.2	435.24	40.3	10.80
SHIP AND BOAT BUILDING AND REPAIRING — SIC 373				
1977	21.2	276.69	40.1	6.90
1978	22.3	285.00	37.5	7.60
1979	23.1	356.96	38.8	9.20

See footnotes at end of tables.

CALIFORNIA

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
SHIP AND BOAT BUILDING AND REPAIRING — SIC 373 (Con.)				
1980	23.0	353.42	36.7	9.63
1981	22.9	394.09	36.9	10.68
GUIDED MISSILES, SPACE VEHICLES, PARTS — SIC 376				
1977	45.4	314.71	41.3	7.62
1978	46.7	346.10	41.8	8.28
1979	50.9	373.38	42.0	8.89
1980	55.3	407.38	41.4	9.84
1981	59.0	450.46	41.1	10.96
INSTRUMENTS AND RELATED PRODUCTS — SIC 38				
1977	71.6	233.13	40.9	5.70
1978	80.4	250.71	40.7	6.16
1979	92.2	272.16	40.5	6.72
1980	99.9	298.74	40.7	7.34
1981	103.2	353.83	40.3	8.78
MEASURING AND CONTROLLING DEVICES — SIC 382				
1977	33.5	269.15	41.6	6.47
1978	37.4	285.79	41.6	6.87
1979	41.9	300.44	41.1	7 31
1980	46.0	341.55	41.5	8.23
1981	48.7	422.50	40.9	10.33
MISC. MANUFACTURING INDUSTRIES — SIC 39				
1977	38.4	176.27	39.7	4.44
1978	43.1	188.25	39.3	4.79
1979	42.1	205.11	38.7	5.30
1980	39.6	220.38	38.8	5.68
1981	40.9	236.39	38.5	6.14
TOYS AND SPORTING GOODS — SIC 394				
1977	15.1	165.19	39.9	4.14
1978	16.2	176.04	40.1	4.39
1979	15.8	189.05	39.8	4.75
1980	16.1	205.25	39.7	5.17
1981	17.1	210.43	38.4	5.48
NONDURABLE GOODS				
1977	591.9	222.12	38.9	5.71
1978	623.8	240.40	38.9	6.18
1979	643.0	260.55	38.6	6.75
1980	637.9	283.36	38.5	7.36
1981	644.2	310.34	38.6	8.04
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	178.8	242.87	39.3	6.18
1978	182.3	262.64	39.2	6.70
1979	186.4	284.59	39.2	7.26
1980	186.6	312.00	39.0	8.00
1981	183.8	339.79	38.7	8.78
MEAT PRODUCTS — SIC 201				
1977	20.1	265.95	38.6	6.89
1978	20.2	285.18	38.8	7.35
1979	20.1	306.94	39.1	7.85
1980	20.2	324.02	38.3	8.46
1981	18.8	352.56	38.7	9.11
DAIRY PRODUCTS — SIC 202				
1977	13.1	301.79	40.4	7.47
1978	12 7	329.66	40.8	8.08
1979	13.5	347.44	40.4	8.60
1980	13.9	380.78	39.5	9.64
1981	14.7	419.75	39.9	10.52
PRESERVED FRUITS AND VEGETABLES — SIC 203				
1977	55.6	222.16	39.6	5.61
1978	56.0	233.92	38.6	6.06
1979	58.3	261.10	39.5	6.61
1980	56.9	284.31	39.0	7.29
1981	52.7	307.80	38.0	8.10
GRAIN MILL PRODUCTS — SIC 204				
1977	8.2	300.94	43.3	6.95
1978	8.3	332.00	43.8	7.58
1979	8.5	370.66	42.9	8.64

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
GRAIN MILL PRODUCTS — SIC 204 (Con.)				
1980	8.5	417.25	44.2	9.44
1981	8.4	460.28	44.3	10.39
BAKERY PRODUCTS — SIC 205				
1977	18.5	278.59	37.8	7.37
1978	18.8	296.58	37.4	7.93
1979	18.8	318.57	37.0	8.61
1980	19.0	352.03	36.9	9.54
1981	18.8	375.88	36.6	10.27
BEVERAGES — SIC 208				
1977	21.6	294.67	39.5	7.46
1978	23.6	320.69	39.3	8.16
1979	23.8	349.16	39.1	8.93
1980	24.8	375.17	38.4	9.77
1981	25.8	435.60	40.0	10.89
CANNED, CURED, AND FROZEN SEAFOODS — SIC 2091,2				
1977	9.5	175.45	36.1	4.86
1978	10.1	202.77	37.9	5.35
1979	10.1	205.57	35.2	5.84
1980	10.4	229.26	37.4	6.13
1981	10.5	234.50	35.0	6.70
TEXTILE MILL PRODUCTS — SIC 22				
1977	14.8	174.31	41.7	4.18
1978	15.8	185.98	41.7	4.46
1979	16.0	196.46	41.1	4.78
1980	14.4	208.46	40.4	5.16
1981	14.0	231.90	40.4	5.74
KNITTING MILLS — SIC 225				
1977	3.1	152.40	40.0	3.81
1978	3.0	160.80	40.1	4.01
1979	2.9	180.58	41.8	4.32
1980	2.7	194.88	42.0	4.64
1981	2.5	210.20	40.5	5.19
FLOOR COVERING MILLS — SIC 227				
1977	5.6	193.77	42.4	4.57
1978	6.1	202.49	42.9	4.72
1979	6.3	207.97	41.1	5.06
1980	5.4	229.48	41.8	5.49
1981	5.1	253.17	41.3	6.13
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	101.3	133.94	36.2	3.70
1978	109.6	147.90	36.7	4.03
1979	110.6	158.68	35.9	4.42
1980	106.5	174.85	36.2	4.83
1981	109.0	187.36	36.1	5.19
MEN'S AND BOYS' FURNISHINGS — SIC 232				
1977	13.8	124.60	35.6	3.50
1978	14.1	132.70	35.2	3.77
1979	14.5	139.49	34.7	4.02
1980	13.4	142.86	33.3	4.29
1981	13.1	158.00	34.2	4.62
WOMEN'S AND MISSES' OUTERWEAR — SIC 233				
1977	60.4	133.13	35.5	3.75
1978	67.4	149.24	36.4	4.10
1979	66.7	159.40	35.5	4.49
1980	63.6	179.55	36.2	4.96
1981	65.0	189.39	35.6	5.32
WOMEN'S AND CHILDREN'S UNDERGARMENTS — SIC 234				
1977	4.0	125.96	37.6	3.35
1978	3.9	137.35	38.8	3.54
1979	4.2	147.45	38.7	3.81
1980	4.4	155.93	38.5	4.05
1981	4.8	181.31	39.5	4.59
CHILDREN'S OUTERWEAR — SIC 236				
1977	1.6	130.10	37.6	3.46
1978	1.4	140.18	38.3	3.66

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
CHILDREN'S OUTERWEAR — SIC 236 (Con.)				
1979	1.4	155.21	38.9	3.99
1980	1.6	165.68	38.8	4.27
1981	1.7	181.55	39.9	4.55
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	37.4	276.60	41.1	6.73
1978	37.7	300.85	41.1	7.32
1979	39.1	325.22	40.4	8.05
1980	38.9	348.73	39.9	8.74
1981	38.8	388.80	40.5	9.60
PULP, PAPER, AND PAPERBOARD MILLS — SIC 261–3,6				
1977	7.9	–	–	–
1978	7.3	–	–	–
1979	7.0	–	–	–
1980	6.7	–	–	–
1981	7.0	–	–	–
MISC. CONVERTED PAPER PRODUCTS — SIC 264				
1977	13.5	248.47	40.6	6.12
1978	13.9	262.28	40.6	6.46
1979	14.8	277.31	39.9	6.95
1980	14.9	308.11	39.2	7.86
1981	14.9	345.84	39.3	8.80
PAPERBOARD CONTAINERS AND BOXES — SIC 265				
1977	16.1	279.19	41.3	6.76
1978	16.5	312.42	41.6	7.51
1979	17.4	339.46	40.8	8.32
1980	17.3	354.52	39.7	8.93
1981	16.9	400.32	40.9	9.80
PRINTING AND PUBLISHING — SIC 27				
1977	103.3	262.67	37.1	7.08
1978	112.4	278.23	36.9	7.54
1979	118.9	306.38	37.5	8.17
1980	123.2	329.59	37.2	8.86
1981	124.7	357.17	37.4	9.55
NEWSPAPERS — SIC 271				
1977	36.8	270.74	33.8	8.01
1978	39.6	286.60	34.2	8.38
1979	41.6	302.17	33.8	8.94
1980	42.8	330.43	34.1	9.69
1981	43.7	371.52	34.4	10.80
COMMERCIAL PRINTING — SIC 275				
1977	40.1	282.38	37.5	7.53
1978	43.9	304.99	37.7	8.09
1979	47.4	342.02	38.3	8.93
1980	49.3	361.54	37.7	9.59
1981	48.3	386.96	37.9	10.21
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	61.0	267.07	40.1	6.66
1978	62.9	290.24	40.2	7.22
1979	64.4	315.22	39.7	7.94
1980	65.2	340.69	39.8	8.56
1981	67.0	364.80	40.0	9.12
INDUSTRIAL INORGANIC CHEMICALS — SIC 281				
1977	7.1	315.18	41.2	7.65
1978	7.1	341.90	40.8	8.38
1979	7.1	363.91	40.3	9.03
1980	7.3	399.00	39.9	10.00
1981	7.5	428.37	39.3	10.90
PLASTICS MATERIALS AND SYNTHETICS — SIC 282				
1977	3.8	247.63	40.2	6.16
1978	3.7	274.91	39.9	6.89
1979	4.2	305.86	41.5	7.37
1980	3.6	323.19	40.5	7.98
1981	3.5	351.55	39.5	8.90
DRUGS — SIC 283				
1977	13.7	230.11	40.8	5.64
1978	14.8	242.20	40.1	6.04

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
DRUGS — SIC 283 (Con.)				
1979	15.7	250.75	38.4	6.53
1980	16.9	274.71	39.3	6.99
1981	18.2	296.16	39.7	7.46
SOAP, CLEANERS, AND TOILET GOODS — SIC 284				
1977	13.3	263.84	38.8	6.80
1978	13.5	295.26	39.9	7.40
1979	13.4	325.01	39.3	8.27
1980	13.9	352.14	39.7	8.87
1981	14.5	361.30	40.1	9.01
PAINTS AND ALLIED PRODUCTS — SIC 285				
1977	7.8	264.31	40.6	6.51
1978	7.9	282.34	40.8	6.92
1979	8.3	303.67	39.8	7.63
1980	7.4	318.01	38.5	8.26
1981	7.4	340.42	39.4	8.64
AGRICULTURAL CHEMICALS — SIC 287				
1977	5.4	277.26	40.3	6.88
1978	5.1	311.04	40.5	7.68
1979	5.2	349.40	41.3	8.46
1980	5.4	383.88	42.0	9.14
1981	5.3	408.93	41.6	9.83
PETROLEUM AND COAL PRODUCTS — SIC 29				
1977	25.5	347.33	42.1	8.25
1978	27.0	382.82	42.3	9.05
1979	27.5	414.47	41.2	10.06
1980	27.7	449.74	40.7	11.05
1981	29.5	514.51	43.2	11.91
PETROLEUM REFINING — SIC 291				
1977	22.6	355.30	41.8	8.50
1978	23.8	390.69	42.1	9.28
1979	24.2	415.72	40.4	10.29
1980	24.1	463.08	40.8	11.35
1981	26.1	530.70	43.5	12.20
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS — SIC 30				
1977	59.0	197.96	40.9	4.84
1978	63.8	210.53	40.8	5.16
1979	68.0	227.70	40.3	5.65
1980	64.7	243.01	40.1	6.06
1981	65.4	265.06	40.1	6.61
TIRES AND INNER TUBES — SIC 301				
1977	6.7	318.69	43.3	7.36
1978	5.3	347.23	42.5	8.17
1979	4.8	363.53	40.8	8.91
1980	2.6	379.69	39.8	9.54
1981	1.4	492.80	44.8	11.00
RUBBER AND PLASTIC FOOTWEAR, AND FABRICATED RUBBER PRODUCTS, NEC — SIC 302,6				
1977	10.3	173.72	40.4	4.30
1978	10.4	185.64	40.8	4.55
1979	10.6	196.73	40.9	4.81
1980	10.0	215.06	40.5	5.31
1981	10.3	217.46	39.9	5.45
MISCELLANEOUS PLASTICS PRODUCTS — SIC 307				
1977	41.1	183.96	40.7	4.52
1978	47.2	200.24	40.7	4.92
1979	51.5	222.31	40.2	5.53
1980	51.0	242.80	40.0	6.07
1981	52.6	264.80	40.0	6.62
LEATHER AND LEATHER PRODUCTS — SIC 31				
1977	10.8	147.05	37.9	3.88
1978	12.4	159.51	39.0	4.09
1979	12.3	164.01	38.5	4.26
1980	10.9	180.69	38.2	4.73
1981	12.0	202.92	38.8	5.23

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
TRANSPORTATION AND PUBLIC UTILITIES				
1977	476.5	–	–	–
1978	506.5	–	–	–
1979	534.7	–	–	–
1980	546.3	–	–	–
1981	553.0	–	–	–
TRANSPORTATION — SIC 40–42,44–47				
1977	270.3	–	–	–
1978	289.0	–	–	–
1979	301.8	–	–	–
1980	304.6	–	–	–
1981	300.0	–	–	–
RAILROAD TRANSPORTATION — SIC 40				
1977	31.8	–	–	–
1978	32.0	–	–	–
1979	32.4	–	–	–
1980	31.3	–	–	–
1981	30.4	–	–	–
TRUCKING AND WAREHOUSING — SIC 42				
1977	104.8	–	–	–
1978	113.7	–	–	–
1979	119.5	–	–	–
1980	117.6	–	–	–
1981	117.2	–	–	–
COMMUNICATION — SIC 48				
1977	142.4	–	–	–
1978	149.9	–	–	–
1979	163.1	–	–	–
1980	171.3	–	–	–
1981	181.5	–	–	–
ELECTRIC, GAS, AND SANITARY SERVICES — SIC 49				
1977	63.8	341.09	40.8	8.36
1978	67.6	371.62	41.2	9.02
1979	69.8	387.28	41.2	9.40
1980	70.4	420.04	41.1	10.22
1981	71.5	491.56	41.1	11.96
WHOLESALE AND RETAIL TRADE				
1977	1,982.4	–	–	–
1978	2,126.0	–	–	–
1979	2,223.8	–	–	–
1980	2,266.9	–	–	–
1981	2,316.6	–	–	–
WHOLESALE TRADE — SIC 50,51				
1977	507.5	251.55	38.7	6.50
1978	534.3	267.80	38.7	6.92
1979	564.1	289.48	38.7	7.48
1980	583.7	314.24	38.7	8.12
1981	601.4	349.71	38.9	8.99
RETAIL TRADE — SIC 52–59				
1977	1,474.9	–	–	–
1978	1,591.7	–	–	–
1979	1,659.7	–	–	–
1980	1,683.2	–	–	–
1981	1,715.2	–	–	–
RETAIL TRADE, EXCEPT EATING AND DRINKING PLACES — SIC 52–57,59				
1977	–	181.07	34.1	5.31
1978	–	196.42	34.1	5.76
1979	–	208.86	33.1	6.31
1980	–	221.27	31.7	6.98
1981	–	242.19	31.7	7.64
GENERAL MERCHANDISE STORES — SIC 53				
1977	224.7	–	–	–
1978	235.2	–	–	–
1979	239.4	–	–	–
1980	240.2	–	–	–
1981	241.4	–	–	–

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
FOOD STORES — SIC 54				
1977	210.8	–	–	–
1978	223.7	–	–	–
1979	233.7	–	–	–
1980	242.8	–	–	–
1981	250.9	–	–	–
FINANCE, INSURANCE, AND REAL ESTATE				
1977	505.4	–	–	–
1978	553.2	–	–	–
1979	595.9	–	–	–
1980	623.1	–	–	–
1981	646.3	–	–	–
FINANCE — SIC 60–62				
1977	235.8	–	–	–
1978	258.4	–	–	–
1979	281.1	–	–	–
1980	300.5	–	–	–
1981	318.3	–	–	–
INSURANCE CARRIERS, AGENTS AND BROKERS — SIC 63,64				
1977	155.3	–	–	–
1978	166.1	–	–	–
1979	174.2	–	–	–
1980	180.1	–	–	–
1981	185.4	–	–	–
REAL ESTATE — SIC 65				
1977	104.1	–	–	–
1978	117.8	–	–	–
1979	127.5	–	–	–
1980	129.0	–	–	–
1981	128.1	–	–	–
COMBINATION OFFICES, HOLDING AND OTHER INVESTMENT COMPANIES — SIC 66,67				
1977	10.2	–	–	–
1978	10.9	–	–	–
1979	13.2	–	–	–
1980	13.5	–	–	–
1981	14.5	–	–	–
SERVICES				
1977	1,764.7	–	–	–
1978	1,931.3	–	–	–
1979	2,070.0	–	–	–
1980	2,156.2	–	–	–
1981	2,261.2	–	–	–
HOTELS AND OTHER LODGING PLACES — SIC 70				
1977	99.5	–	–	–
1978	106.5	–	–	–
1979	109.9	–	–	–
1980	113.1	–	–	–
1981	122.6	–	–	–
PERSONAL SERVICES — SIC 72				
1977	93.5	–	–	–
1978	98.0	–	–	–
1979	100.6	–	–	–
1980	99.9	–	–	–
1981	101.8	–	–	–
BUSINESS SERVICES — SIC 73				
1977	333.3	–	–	–
1978	382.8	–	–	–
1979	434.5	–	–	–
1980	467.3	–	–	–
1981	488.7	–	–	–
AUTO, AND MISCELLANEOUS REPAIR SERVICES — SIC 75,76				
1977	107.8	–	–	–
1978	124.2	–	–	–
1979	133.6	–	–	–
1980	134.4	–	–	–
1981	135.4	–	–	–

See footnotes at end of tables.

CALIFORNIA

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
MOTION PICTURES — SIC 78				
1977	65.8	-	-	-
1978	66.8	-	-	-
1979	75.0	-	-	-
1980	68.3	-	-	-
1981	81.9	-	-	-
MOTION PICTURE, AND TV PRODUCTION — SIC 7813,4				
1977	-	316.37	39.3	8.05
1978	-	427.78	38.4	11.14
1979	-	455.42	38.2	11.86
1980	-	467.19	38.9	12.01
1981	-	491.21	38.8	12.66
AMUSEMENT AND RECREATION SERVICES — SIC 79				
1977	80.7	-	-	-
1978	87.5	-	-	-
1979	91.5	-	-	-
1980	94.1	-	-	-
1981	97.0	-	-	-
HEALTH SERVICES — SIC 80				
1977	471.2	-	-	-
1978	502.7	-	-	-
1979	527.3	-	-	-
1980	553.7	-	-	-
1981	583.0	-	-	-
GOVERNMENT				
1977	1,740.7	-	-	-
1978	1,753.1	-	-	-
1979	1,735.0	-	-	-
1980	1,763.9	-	-	-
1981	1,763.2	-	-	-
FEDERAL GOVERNMENT				
1977	314.7	-	-	-
1978	318.6	-	-	-
1979	322.8	-	-	-
1980	333.8	-	-	-
1981	323.6	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	1,426.0	-	-	-
1978	1,434.5	-	-	-
1979	1,412.2	-	-	-
1980	1,430.1	-	-	-
1981	1,439.6	-	-	-
STATE AND LOCAL EDUCATION — SIC 82,941				
1977	771.0	-	-	-
1978	764.9	-	-	-
1979	759.0	-	-	-
1980	762.5	-	-	-
1981	770.3	-	-	-
STATE EDUCATION — SIC 82,941				
1977	125.5	-	-	-
1978	128.1	-	-	-
1979	130.4	-	-	-
1980	134.2	-	-	-
1981	141.7	-	-	-
LOCAL EDUCATION — SIC 82,941				
1977	645.5	-	-	-
1978	636.9	-	-	-
1979	628.6	-	-	-
1980	628.3	-	-	-
1981	628.6	-	-	-
CITY GOVERNMENT				
1977	198.9	-	-	-
1978	200.2	-	-	-
1979	188.8	-	-	-
1980	188.7	-	-	-
1981	187.3	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
COUNTY GOVERNMENT				
1977	228.6	-	-	-
1978	232.5	-	-	-
1979	226.8	-	-	-
1980	233.8	-	-	-
1981	231.8	-	-	-
ANAHEIM-SANTA ANA-GARDEN GROVE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	674.0	-	-	-
1978	747.3	-	-	-
1979	804.3	-	-	-
1980	836.4	-	-	-
1981	866.4	-	-	-
MINING				
1977	2.0	-	-	-
1978	2.2	-	-	-
1979	2.2	-	-	-
1980	2.3	-	-	-
1981	2.7	-	-	-
CONSTRUCTION				
1977	40.6	-	-	-
1978	46.7	-	-	-
1979	51.4	-	-	-
1980	50.0	-	-	-
1981	49.8	-	-	-
MANUFACTURING				
1977	175.0	222.75	40.5	5.50
1978	198.0	240.54	40.7	5.91
1979	216.0	257.28	40.2	6.40
1980	220.5	288.15	40.3	7.15
1981	223.9	325.62	40.3	8.08
DURABLE GOODS				
1977	131.2	228.89	40.8	5.61
1978	148.5	248.85	41.2	6.04
1979	162.4	264.77	40.3	6.57
1980	166.1	301.10	40.8	7.38
1981	167.3	338.60	40.6	8.34
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	3.9	-	-	-
1978	4.4	-	-	-
1979	4.4	-	-	-
1980	4.1	-	-	-
1981	3.2	-	-	-
FURNITURE AND FIXTURES — SIC 25				
1977	4.9	-	-	-
1978	5.8	-	-	-
1979	6.1	-	-	-
1980	6.3	-	-	-
1981	6.9	-	-	-
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	3.0	-	-	-
1978	3.4	-	-	-
1979	3.6	-	-	-
1980	3.8	-	-	-
1981	4.2	-	-	-
PRIMARY METAL INDUSTRIES — SIC 33				
1977	2.0	-	-	-
1978	2.2	-	-	-
1979	2.5	-	-	-
1980	2.5	-	-	-
1981	2.5	-	-	-
FABRICATED METAL PRODUCTS — SIC 34				
1977	14.6	-	-	-
1978	16.7	-	-	-
1979	19.6	-	-	-
1980	20.6	-	-	-
1981	20.4	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
ANAHEIM-SANTA ANA-GARDEN GROVE (Con.)				
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	22.7	-	-	-
1978	27.5	-	-	-
1979	31.8	-	-	-
1980	33.6	-	-	-
1981	34.6	-	-	-
OFFICE AND COMPUTING MACHINES — SIC 357				
1977	11.3	-	-	-
1978	13.8	-	-	-
1979	16.3	-	-	-
1980	16.3	-	-	-
1981	16.3	-	-	-
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	42.5	-	-	-
1978	47.2	-	-	-
1979	50.4	-	-	-
1980	52.5	-	-	-
1981	53.1	-	-	-
RADIO, TV, COMMUNICATION EQUIPMENT, AND ELECTRONIC COMPONENTS — SIC 365-7				
1977	35.3	-	-	-
1978	38.6	-	-	-
1979	40.4	-	-	-
1980	41.7	-	-	-
1981	41.9	-	-	-
TRANSPORTATION EQUIPMENT — SIC 37				
1977	19.0	-	-	-
1978	20.6	-	-	-
1979	21.3	-	-	-
1980	20.0	-	-	-
1981	19.9	-	-	-
MOTOR VEHICLES AND EQUIPMENT — SIC 371				
1977	1.4	-	-	-
1978	1.6	-	-	-
1979	1.8	-	-	-
1980	1.6	-	-	-
1981	1.9	-	-	-
AIRCRAFT, AND MISSILES — SIC 372,6				
1977	11.9	-	-	-
1978	12.9	-	-	-
1979	14.5	-	-	-
1980	15.2	-	-	-
1981	15.0	-	-	-
SHIP AND BOAT BUILDING AND REPAIRING — SIC 373				
1977	2.9	-	-	-
1978	3.2	-	-	-
1979	2.8	-	-	-
1980	2.0	-	-	-
1981	1.8	-	-	-
INSTRUMENTS AND RELATED PRODUCTS — SIC 38				
1977	12.5	-	-	-
1978	14.1	-	-	-
1979	16.8	-	-	-
1980	17.2	-	-	-
1981	17.8	-	-	-
MEASURING AND CONTROLLING DEVICES — SIC 382				
1977	2.5	-	-	-
1978	3.0	-	-	-
1979	3.6	-	-	-
1980	3.6	-	-	-
1981	3.8	-	-	-
MISC. MANUFACTURING INDUSTRIES — SIC 39				
1977	6.1	-	-	-
1978	6.5	-	-	-
1979	6.1	-	-	-
1980	5.4	-	-	-
1981	4.7	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
ANAHEIM-SANTA ANA-GARDEN GROVE (Con.)				
NONDURABLE GOODS				
1977	43.8	206.68	39.9	5.18
1978	49.5	216.70	39.4	5.50
1979	53.6	233.23	39.8	5.86
1980	54.5	249.23	38.7	6.44
1981	56.6	283.35	39.3	7.21
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	8.3	-	-	-
1978	8.9	-	-	-
1979	9.2	-	-	-
1980	9.4	-	-	-
1981	9.6	-	-	-
FOOD PROCESSING, EXCEPT CANNED, CURED, AND FROZEN FOODS — SIC 201,2,4-8,2095,7-9				
1977	4.7	-	-	-
1978	5.2	-	-	-
1979	5.5	-	-	-
1980	5.6	-	-	-
1981	6.1	-	-	-
CANNED, CURED, AND FROZEN FOODS — SIC 203,2091,2				
1977	3.6	-	-	-
1978	3.7	-	-	-
1979	3.7	-	-	-
1980	3.8	-	-	-
1981	3.5	-	-	-
TEXTILE MILL PRODUCTS — SIC 22				
1977	1.8	-	-	-
1978	2.1	-	-	-
1979	2.7	-	-	-
1980	2.2	-	-	-
1981	2.6	-	-	-
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	2.6	-	-	-
1978	3.0	-	-	-
1979	3.3	-	-	-
1980	3.9	-	-	-
1981	4.2	-	-	-
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	3.7	-	-	-
1978	3.9	-	-	-
1979	4.3	-	-	-
1980	4.1	-	-	-
1981	4.0	-	-	-
PRINTING AND PUBLISHING — SIC 27				
1977	8.3	-	-	-
1978	9.7	-	-	-
1979	10.6	-	-	-
1980	11.5	-	-	-
1981	11.8	-	-	-
CHEMICALS, AND PETROLEUM — SIC 28,29				
1977	8.3	-	-	-
1978	8.8	-	-	-
1979	9.2	-	-	-
1980	9.3	-	-	-
1981	10.0	-	-	-
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS — SIC 30				
1977	10.7	-	-	-
1978	13.0	-	-	-
1979	14.0	-	-	-
1980	13.9	-	-	-
1981	14.2	-	-	-
LEATHER AND LEATHER PRODUCTS — SIC 31				
1977	.1	-	-	-
1978	.2	-	-	-
1979	.2	-	-	-
1980	.1	-	-	-
1981	.1	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
ANAHEIM-SANTA ANA-GARDEN GROVE (Con.)				
TRANSPORTATION AND PUBLIC UTILITIES				
1977	20.6	-	-	-
1978	23.0	-	-	-
1979	26.2	-	-	-
1980	27.3	-	-	-
1981	29.4	-	-	-
TRANSPORTATION — SIC 40-42,44-47				
1977	10.5	-	-	-
1978	11.9	-	-	-
1979	13.2	-	-	-
1980	13.5	-	-	-
1981	14.7	-	-	-
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	10.1	-	-	-
1978	11.2	-	-	-
1979	13.0	-	-	-
1980	13.9	-	-	-
1981	14.7	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	162.9	-	-	-
1978	181.0	-	-	-
1979	192.0	-	-	-
1980	201.3	-	-	-
1981	211.1	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	30.4	-	-	-
1978	33.7	-	-	-
1979	36.4	-	-	-
1980	40.2	-	-	-
1981	44.7	-	-	-
RETAIL TRADE — SIC 52-59				
1977	132.5	-	-	-
1978	147.4	-	-	-
1979	155.6	-	-	-
1980	161.1	-	-	-
1981	166.4	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	39.7	-	-	-
1978	46.8	-	-	-
1979	52.7	-	-	-
1980	57.2	-	-	-
1981	61.7	-	-	-
FINANCE — SIC 60-62				
1977	15.0	-	-	-
1978	17.3	-	-	-
1979	19.5	-	-	-
1980	21.5	-	-	-
1981	24.7	-	-	-
INSURANCE, REAL ESTATE, COMBINATION OFFICES, HOLDING AND INVESTMENT COMPANIES — SIC 63-67				
1977	24.7	-	-	-
1978	29.5	-	-	-
1979	33.2	-	-	-
1980	35.7	-	-	-
1981	37.0	-	-	-
SERVICES				
1977	132.2	-	-	-
1978	147.7	-	-	-
1979	162.4	-	-	-
1980	172.1	-	-	-
1981	182.6	-	-	-
GOVERNMENT				
1977	101.2	-	-	-
1978	101.9	-	-	-
1979	101.3	-	-	-
1980	105.6	-	-	-
1981	105.2	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
ANAHEIM-SANTA ANA-GARDEN GROVE (Con.)				
FEDERAL GOVERNMENT				
1977	9.4	-	-	-
1978	9.8	-	-	-
1979	10.6	-	-	-
1980	12.4	-	-	-
1981	12.5	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	91.8	-	-	-
1978	92.1	-	-	-
1979	90.7	-	-	-
1980	93.2	-	-	-
1981	92.7	-	-	-
CITY GOVERNMENT				
1977	15.7	-	-	-
1978	15.8	-	-	-
1979	14.8	-	-	-
1980	14.9	-	-	-
1981	14.0	-	-	-
COUNTY GOVERNMENT				
1977	11.2	-	-	-
1978	10.5	-	-	-
1979	10.2	-	-	-
1980	10.9	-	-	-
1981	11.4	-	-	-
BAKERSFIELD				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	113.4	-	-	-
1978	120.3	-	-	-
1979	125.7	-	-	-
1980	130.2	-	-	-
1981	136.0	-	-	-
MINING				
1977	9.3	-	-	-
1978	10.1	-	-	-
1979	10.7	-	-	-
1980	11.9	-	-	-
1981	14.0	-	-	-
CONSTRUCTION				
1977	5.3	-	-	-
1978	6.6	-	-	-
1979	7.2	-	-	-
1980	7.3	-	-	-
1981	7.0	-	-	-
MANUFACTURING				
1977	8.6	248.35	39.8	6.24
1978	9.1	271.55	39.7	6.84
1979	9.4	301.60	40.0	7.54
1980	9.3	327.02	39.4	8.30
1981	10.1	363.45	40.7	8.93
DURABLE GOODS				
1977	4.3	260.53	40.9	6.37
1978	4.6	286.71	40.9	7.01
1979	4.7	311.45	40.5	7.69
1980	4.9	335.86	39.7	8.46
1981	5.5	369.41	41.0	9.01
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	1.0	333.13	42.6	7.82
1978	1.1	376.89	42.3	8.91
1979	1.2	433.73	43.2	10.04
1980	1.2	463.19	42.3	10.95
1981	1.2	500.99	41.2	12.16
PRIMARY AND FABRICATED METALS — SIC 33,34				
1977	.5	212.13	40.1	5.29
1978	.7	233.20	40.0	5.83
1979	.8	252.44	38.6	6.54
1980	.8	269.89	37.8	7.14
1981	.9	318.86	42.8	7.45

See footnotes at end of tables.

CALIFORNIA

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
BAKERSFIELD (Con.)				
MACHINERY — SIC 35,36				
1977	1.1	-	-	-
1978	1.2	-	-	-
1979	1.3	-	-	-
1980	1.4	-	-	-
1981	1.6	-	-	-
TRANSPORTATION EQUIPMENT — SIC 37				
1977	1.2	-	-	-
1978	1.0	-	-	-
1979	1.0	-	-	-
1980	1.1	-	-	-
1981	1.1	-	-	-
AIRCRAFT, AND MISSILES — SIC 372,6				
1977	1.0	-	-	-
1978	.8	-	-	-
1979	.9	-	-	-
1980	1.0	-	-	-
1981	1.0	-	-	-
NONDURABLE GOODS				
1977	4.3	237.07	38.8	6.11
1978	4.5	257.08	38.6	6.66
1979	4.7	290.77	39.4	7.38
1980	4.4	317.46	39.0	8.14
1981	4.5	355.37	40.2	8.84
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	1.4	204.44	38.0	5.38
1978	1.2	229.70	38.8	5.92
1979	1.2	258.84	39.1	6.62
1980	1.2	284.13	38.5	7.38
1981	1.1	313.63	39.5	7.94
PETROLEUM AND COAL PRODUCTS — SIC 29				
1977	1.2	347.35	41.4	8.39
1978	1.5	381.19	40.9	9.32
1979	1.5	453.60	45.0	10.08
1980	1.4	457.49	43.2	10.59
1981	1.5	529.17	45.5	11.63
TRANSPORTATION AND PUBLIC UTILITIES				
1977	6.7	-	-	-
1978	7.1	-	-	-
1979	7.6	-	-	-
1980	7.7	-	-	-
1981	8.0	-	-	-
TRANSPORTATION — SIC 40-42,44-47				
1977	3.5	-	-	-
1978	3.8	-	-	-
1979	4.1	-	-	-
1980	4.1	-	-	-
1981	4.1	-	-	-
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	3.2	-	-	-
1978	3.3	-	-	-
1979	3.5	-	-	-
1980	3.6	-	-	-
1981	3.8	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	29.2	-	-	-
1978	30.8	-	-	-
1979	32.3	-	-	-
1980	33.6	-	-	-
1981	34.5	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	6.8	-	-	-
1978	7.1	-	-	-
1979	7.6	-	-	-
1980	7.9	-	-	-
1981	8.3	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
BAKERSFIELD (Con.)				
RETAIL TRADE — SIC 52-59				
1977	22.4	-	-	-
1978	23.7	-	-	-
1979	24.7	-	-	-
1980	25.7	-	-	-
1981	26.2	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	4.2	-	-	-
1978	4.4	-	-	-
1979	4.6	-	-	-
1980	4.8	-	-	-
1981	5.2	-	-	-
FINANCE — SIC 60-62				
1977	2.3	-	-	-
1978	2.5	-	-	-
1979	2.6	-	-	-
1980	2.8	-	-	-
1981	3.0	-	-	-
INSURANCE, REAL ESTATE, COMBINATION OFFICES, HOLDING AND INVESTMENT COMPANIES — SIC 63-67				
1977	1.9	-	-	-
1978	1.9	-	-	-
1979	2.0	-	-	-
1980	2.0	-	-	-
1981	2.2	-	-	-
SERVICES				
1977	18.5	-	-	-
1978	20.6	-	-	-
1979	22.2	-	-	-
1980	23.6	-	-	-
1981	24.8	-	-	-
GOVERNMENT				
1977	31.6	-	-	-
1978	31.6	-	-	-
1979	31.8	-	-	-
1980	32.1	-	-	-
1981	32.4	-	-	-
FEDERAL GOVERNMENT				
1977	9.2	-	-	-
1978	9.1	-	-	-
1979	9.6	-	-	-
1980	9.8	-	-	-
1981	9.6	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	22.4	-	-	-
1978	22.5	-	-	-
1979	22.2	-	-	-
1980	22.2	-	-	-
1981	22.8	-	-	-
CITY GOVERNMENT				
1977	1.4	-	-	-
1978	1.4	-	-	-
1979	1.4	-	-	-
1980	1.5	-	-	-
1981	1.5	-	-	-
COUNTY GOVERNMENT				
1977	5.5	-	-	-
1978	5.6	-	-	-
1979	5.4	-	-	-
1980	5.6	-	-	-
1981	5.7	-	-	-
FRESNO				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	163.5	-	-	-
1978	172.9	-	-	-
1979	179.9	-	-	-
1980	183.0	-	-	-
1981	182.4	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
FRESNO (Con.)				
MINING				
1977	0.7	-	-	-
1978	.8	-	-	-
1979	.9	-	-	-
1980	1.0	-	-	-
1981	1.0	-	-	-
CONSTRUCTION				
1977	9.0	-	-	-
1978	11.1	-	-	-
1979	12.4	-	-	-
1980	11.2	-	-	-
1981	9.9	-	-	-
MANUFACTURING				
1977	21.9	216.76	39.7	5.46
1978	22.8	231.67	39.2	5.91
1979	23.5	250.24	39.1	6.40
1980	23.4	279.30	38.9	7.18
1981	23.1	297.18	38.1	7.80
DURABLE COODS				
1977	9.9	227.77	40.6	5.61
1978	10.8	239.76	40.5	5.92
1979	11.2	257.44	40.1	6.42
1980	10.9	285.37	39.8	7.17
1981	11.2	297.97	38.9	7.66
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	1.2	227.95	39.1	5.83
1978	1.2	240.60	39.9	6.03
1979	1.4	258.32	40.3	6.41
1980	1.3	283.01	40.2	7.04
1981	1.2	277.14	37.2	7.45
FURNITURE AND FIXTURES — SIC 25				
1977	.4	-	-	-
1978	.5	-	-	-
1979	.5	-	-	-
1980	.4	-	-	-
1981	.4	-	-	-
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	1.2	-	-	-
1978	1.4	-	-	-
1979	1.6	-	-	-
1980	1.6	-	-	-
1981	1.6	-	-	-
PRIMARY AND FABRICATED METALS — SIC 33,34				
1977	1.9	-	-	-
1978	1.9	-	-	-
1979	1.9	-	-	-
1980	1.8	-	-	-
1981	1.8	-	-	-
MACHINERY, EXCEPT ELECTRICAL, AND TRANSPORTATION EQUIPMENT — SIC 35,37				
1977	4.2	225.89	41.6	5.43
1978	4.8	234.93	41.0	5.73
1979	4.9	252.68	40.3	6.27
1980	4.8	279.18	39.6	7.05
1981	4.9	302.64	38.9	7.78
NONDURABLE GOODS				
1977	12.0	206.42	38.8	5.32
1978	12.0	224.79	38.1	5.90
1979	12.3	244.10	38.2	6.39
1980	12.4	272.50	37.9	7.19
1981	11.9	295.74	37.2	7.95
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	7.7	210.36	39.1	5.38
1978	7.7	230.40	38.4	6.00
1979	8.1	251.55	39.0	6.45
1980	8.4	278.40	38.4	7.25
1981	7.9	302.13	37.3	8.10

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
FRESNO (Con.)				
CANNED, CURED, AND FROZEN FOODS — SIC 203,2091,2				
1977	3.5	196.58	40.7	4.83
1978	3.5	210.50	39.2	5.37
1979	3.9	229.70	39.4	5.83
1980	3.9	252.71	38.7	6.53
1981	3.4	265.36	36.4	7.29
BEVERAGES — SIC 208				
1977	1.2	-	-	-
1978	1.3	-	-	-
1979	1.3	-	-	-
1980	1.2	-	-	-
1981	1.2	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	9.0	-	-	-
1978	9.9	-	-	-
1979	10.5	-	-	-
1980	11.0	-	-	-
1981	10.9	-	-	-
TRANSPORTATION — SIC 40-42,44-47				
1977	5.0	-	-	-
1978	5.4	-	-	-
1979	5.6	-	-	-
1980	5.7	-	-	-
1981	5.5	-	-	-
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	4.0	-	-	-
1978	4.5	-	-	-
1979	4.9	-	-	-
1980	5.3	-	-	-
1981	5.4	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	43.1	-	-	-
1978	45.6	-	-	-
1979	47.2	-	-	-
1980	48.6	-	-	-
1981	48.3	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	13.2	-	-	-
1978	13.3	-	-	-
1979	13.2	-	-	-
1980	14.0	-	-	-
1981	13.8	-	-	-
RETAIL TRADE — SIC 52-59				
1977	29.9	-	-	-
1978	32.3	-	-	-
1979	34.0	-	-	-
1980	34.6	-	-	-
1981	34.5	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	8.6	-	-	-
1978	9.7	-	-	-
1979	10.6	-	-	-
1980	11.0	-	-	-
1981	11.5	-	-	-
FINANCE — SIC 60-62				
1977	3.7	-	-	-
1978	4.2	-	-	-
1979	4.7	-	-	-
1980	5.0	-	-	-
1981	5.3	-	-	-
INSURANCE, REAL ESTATE, COMBINATION OFFICES, HOLDING AND INVESTMENT COMPANIES — SIC 63-67				
1977	4.9	-	-	-
1978	5.5	-	-	-
1979	5.9	-	-	-
1980	6.0	-	-	-
1981	6.2	-	-	-
FRESNO (Con.)				
SERVICES				
1977	30.5	-	-	-
1978	33.0	-	-	-
1979	34.9	-	-	-
1980	36.0	-	-	-
1981	37.4	-	-	-
GOVERNMENT				
1977	40.7	-	-	-
1978	40.0	-	-	-
1979	40.0	-	-	-
1980	40.9	-	-	-
1981	40.3	-	-	-
FEDERAL GOVERNMENT				
1977	6.7	-	-	-
1978	7.1	-	-	-
1979	7.7	-	-	-
1980	7.9	-	-	-
1981	7.7	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	34.0	-	-	-
1978	32.9	-	-	-
1979	32.3	-	-	-
1980	33.0	-	-	-
1981	32.7	-	-	-
CITY GOVERNMENT				
1977	3.7	-	-	-
1978	3.9	-	-	-
1979	3.9	-	-	-
1980	4.0	-	-	-
1981	3.7	-	-	-
COUNTY GOVERNMENT				
1977	6.0	-	-	-
1978	6.0	-	-	-
1979	5.9	-	-	-
1980	6.0	-	-	-
1981	6.0	-	-	-
LOS ANGELES-LONG BEACH				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	3,232.9	-	-	-
1978	3,431.3	-	-	-
1979	3,584.5	-	-	-
1980	3,612.0	-	-	-
1981	3,653.0	-	-	-
MINING				
1977	11.2	-	-	-
1978	11.4	-	-	-
1979	12.0	-	-	-
1980	13.0	-	-	-
1981	14.3	-	-	-
OIL AND GAS EXTRACTION — SIC 13				
1977	10.0	328.86	37.8	8.70
1978	10.1	364.03	38.4	9.48
1979	10.7	408.22	40.1	10.18
1980	11.7	461.55	42.5	10.86
1981	13.1	507.96	40.8	12.45
CONSTRUCTION				
1977	98.5	-	-	-
1978	108.6	-	-	-
1979	119.8	-	-	-
1980	122.4	-	-	-
1981	122.5	-	-	-
GENERAL BUILDING CONTRACTORS — SIC 15				
1977	24.5	351.79	34.9	10.08
1978	26.3	378.23	34.7	10.90
1979	29.1	389.55	35.0	11.13
1980	30.0	458.53	35.6	12.88
1981	29.4	553.89	37.4	14.81
LOS ANGELES-LONG BEACH (Con.)				
HEAVY CONSTRUCTION CONTRACTORS — SIC 16				
1977	20.6	426.00	37.9	11.24
1978	22.6	454.73	38.7	11.75
1979	22.6	479.49	38.7	12.39
1980	22.9	491.78	36.7	13.40
1981	24.3	592.88	38.7	15.32
SPECIAL TRADE CONTRACTORS — SIC 17				
1977	54.4	-	-	-
1978	59.7	-	-	-
1979	68.0	-	-	-
1980	69.5	-	-	-
1981	68.9	-	-	-
PLUMBING, HEATING, AIR CONDITIONING — SIC 171				
1977	-	408.46	36.6	11.16
1978	-	440.19	36.2	12.16
1979	-	467.55	35.8	13.06
1980	-	502.68	35.5	14.16
1981	-	565.34	35.4	15.97
PAINTING, PAPER HANGING, DECORATING — SIC 172				
1977	-	387.28	32.3	11.99
1978	-	399.32	32.1	12.44
1979	-	425.37	33.0	12.89
1980	-	462.87	31.9	14.51
1981	-	516.16	32.0	16.13
ELECTRICAL WORK — SIC 173				
1977	-	453.91	36.4	12.47
1978	-	502.88	37.5	13.41
1979	-	560.83	38.1	14.72
1980	-	581.44	36.8	15.80
1981	-	749.72	39.9	18.79
MASONRY, STONEWORK, AND PLASTERING — SIC 174				
1977	-	375.17	34.2	10.97
1978	-	378.84	32.8	11.55
1979	-	403.65	32.5	12.42
1980	-	457.77	33.1	13.83
1981	-	530.21	33.6	15.78
MANUFACTURING				
1977	818.1	224.72	40.2	5.59
1978	877.9	241.38	40.5	5.96
1979	924.9	264.11	40.2	6.57
1980	912.1	290.07	39.9	7.27
1981	916.0	320.79	39.8	8.06
DURABLE GOODS				
1977	539.1	236.74	41.1	5.76
1978	583.6	252.14	41.2	6.12
1979	624.9	277.98	41.0	6.78
1980	618.3	306.94	40.6	7.56
1981	617.9	341.38	40.4	8.45
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	11.8	191.35	40.2	4.76
1978	13.0	198.10	39.7	4.99
1979	13.1	219.75	40.1	5.48
1980	12.4	225.27	39.8	5.66
1981	11.7	247.90	39.6	6.26
MILLWORK, PLYWOOD AND STRUCTURAL MEMBERS — SIC 243				
1977	4.3	239.19	40.2	5.95
1978	4.5	243.61	40.2	6.06
1979	4.7	264.71	40.6	6.52
1980	4.6	273.44	39.4	6.94
1981	4.6	314.01	39.3	7.99
FURNITURE AND FIXTURES — SIC 25				
1977	34.3	192.37	39.5	4.87
1978	38.1	200.55	39.4	5.09
1979	39.6	216.54	39.3	5.51
1980	37.1	232.41	38.8	5.99
1981	37.9	246.93	39.7	6.22

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
LOS ANGELES-LONG BEACH (Con.)				
HOUSEHOLD FURNITURE — SIC 251				
1977	24.1	198.29	39.5	5.02
1978	26.3	206.84	39.1	5.29
1979	27.1	221.34	38.9	5.69
1980	24.5	230.20	37.8	6.09
1981	24.2	247.98	39.3	6.31
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	24.1	237.41	39.9	5.95
1978	25.0	265.83	40.4	6.58
1979	24.7	298.25	40.8	7.31
1980	23.4	318.40	39.9	7.98
1981	22.6	338.12	40.3	8.39
STRUCTURAL CLAY PRODUCTS — SIC 325				
1977	2.0	190.16	39.7	4.79
1978	2.0	214.12	40.4	5.30
1979	1.5	233.84	39.3	5.95
1980	1.3	253.13	40.5	6.25
1981	1.3	260.16	41.1	6.33
POTTERY AND RELATED PRODUCTS — SIC 326				
1977	5.2	151.68	39.5	3.84
1978	5.1	165.45	39.3	4.21
1979	4.9	188.89	39.6	4.77
1980	4.5	197.32	37.8	5.22
1981	4.4	220.35	39.0	5.65
CONCRETE, GYPSUM, AND PLASTER PRODUCTS — SIC 327				
1977	4.0	369.70	42.3	8.74
1978	4.5	392.70	42.5	9.24
1979	4.7	448.51	43.8	10.24
1980	4.6	447.17	41.1	10.88
1981	4.4	487.39	41.8	11.66
PRIMARY METAL INDUSTRIES — SIC 33				
1977	24.2	253.13	42.4	5.97
1978	25.9	275.83	42.5	6.49
1979	27.5	303.58	43.0	7.06
1980	26.0	319.77	41.8	7.65
1981	24.8	354.06	42.2	8.39
IRON AND STEEL FOUNDRIES — SIC 332				
1977	3.8	209.66	42.1	4.98
1978	4.3	226.80	42.0	5.40
1979	4.6	236.88	42.3	5.60
1980	4.4	235.42	40.8	5.77
1981	4.3	262.11	40.7	6.44
NONFERROUS ROLLING AND DRAWING — SIC 335				
1977	6.2	287.36	44.9	6.40
1978	6.6	306.75	44.2	6.94
1979	7.3	359.84	44.7	8.05
1980	7.2	388.46	43.5	8.93
1981	6.7	418.28	43.3	9.66
NONFERROUS FOUNDRIES — SIC 336				
1977	5.5	204.37	42.4	4.82
1978	6.1	216.24	42.4	5.10
1979	6.7	236.74	43.2	5.48
1980	6.5	251.40	41.9	6.00
1981	6.4	295.48	42.7	6.92
FABRICATED METAL PRODUCTS — SIC 34				
1977	73.8	223.15	41.4	5.39
1978	80.6	239.97	42.1	5.70
1979	84.6	262.09	41.8	6.27
1980	80.5	287.86	41.3	6.97
1981	77.3	315.70	41.0	7.70
CUTLERY, HAND TOOLS, AND HARDWARE — SIC 342				
1977	11.2	208.55	39.8	5.24
1978	11.5	236.18	42.1	5.61
1979	12.2	267.12	42.0	6.36
1980	9.7	294.67	40.7	7.24
1981	8.4	315.12	41.3	7.63
LOS ANGELES-LONG BEACH (Con.)				
FABRICATED STRUCTURAL METAL PRODUCTS — SIC 344				
1977	18.5	243.02	41.4	5.87
1978	20.7	253.99	40.9	6.21
1979	20.9	272.96	40.2	6.79
1980	19.1	301.64	39.9	7.56
1981	18.8	347.60	40.0	8.69
SCREW MACHINE PRODUCTS, BOLTS, ETC. — SIC 345				
1977	6.1	243.41	43.7	5.57
1978	7.7	268.94	45.2	5.95
1979	8.8	293.60	45.1	6.51
1980	10.1	317.76	45.2	7.03
1981	10.0	331.53	43.0	7.71
METAL FORGINGS AND STAMPINGS — SIC 346				
1977	9.3	227.26	42.4	5.36
1978	10.0	251.62	44.3	5.68
1979	9.7	264.39	43.7	6.05
1980	9.6	290.99	41.1	7.08
1981	9.3	329.21	41.1	8.01
METAL SERVICES, NEC — SIC 347				
1977	11.3	188.33	41.3	4.56
1978	12.7	197.06	41.4	4.76
1979	13.7	216.24	40.8	5.30
1980	13.3	238.71	41.3	5.78
1981	12.7	257.71	41.3	6.24
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	75.5	243.49	42.2	5.77
1978	83.1	263.75	42.2	6.25
1979	90.4	286.35	41.5	6.90
1980	91.7	323.23	41.6	7.77
1981	90.1	362.91	41.1	8.83
CONSTRUCTION AND RELATED MACHINERY — SIC 353				
1977	9.6	255.19	40.7	6.27
1978	10.5	292.17	42.1	6.94
1979	11.4	301.35	41.0	7.35
1980	10.9	355.19	40.5	8.77
1981	10.7	407.69	41.9	9.73
METALWORKING MACHINERY — SIC 354				
1977	11.1	248.97	43.0	5.79
1978	12.2	278.40	43.5	6.40
1979	12.9	297.78	42.0	7.09
1980	12.2	330.49	42.1	7.85
1981	11.4	377.45	41.8	9.03
GENERAL INDUSTRIAL MACHINERY — SIC 356				
1977	10.4	252.52	42.8	5.90
1978	11.5	267.53	42.6	6.28
1979	12.2	287.04	41.3	6.95
1980	12.5	321.73	42.5	7.57
1981	12.3	357.01	42.4	8.42
OFFICE AND COMPUTING MACHINES — SIC 357				
1977	18.1	225.99	42.4	5.33
1978	19.5	237.57	41.9	5.67
1979	21.4	268.16	41.9	6.40
1980	21.9	295.60	41.4	7.14
1981	22.1	326.03	40.3	8.09
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	112.2	220.19	40.7	5.41
1978	122.9	234.36	40.9	5.73
1979	131.5	252.10	40.4	6.24
1980	134.8	283.91	40.5	7.01
1981	139.7	323.60	40.4	8.01
ELECTRICAL INDUSTRIAL APPARATUS — SIC 362				
1977	7.4	200.57	41.1	4.88
1978	8.1	215.02	40.8	5.27
1979	7.7	247.46	40.7	6.08
1980	7.5	284.31	40.5	7.02
1981	7.3	333.72	41.2	8.10
LOS ANGELES-LONG BEACH (Con.)				
HOUSEHOLD APPLIANCES — SIC 363				
1977	4.0	222.49	40.6	5.48
1978	4.0	239.20	41.1	5.82
1979	3.9	249.46	39.1	6.38
1980	3.4	273.93	38.8	7.06
1981	3.5	294.67	40.2	7.33
ELECTRIC LIGHTING AND WIRING EQUIPMENT — SIC 364				
1977	11.0	176.55	40.4	4.37
1978	12.3	195.10	41.6	4.69
1979	13.5	203.50	40.7	5.00
1980	13.1	230.33	41.5	5.55
1981	13.7	264.96	41.4	6.40
RADIO AND TV RECEIVING EQUIPMENT — SIC 365				
1977	10.6	187.00	42.5	4.40
1978	11.3	182.96	40.3	4.54
1979	10.5	197.89	38.5	5.14
1980	10.1	226.23	39.9	5.67
1981	10.4	249.27	40.4	6.17
COMMUNICATION EQUIPMENT — SIC 366				
1977	55.4	281.24	40.7	6.91
1978	61.3	304.70	41.4	7.36
1979	67.8	324.12	41.5	7.81
1980	71.9	351.44	41.2	8.53
1981	75.4	390.44	39.8	9.81
ELECTRONIC COMPONENTS AND ACCESSORIES — SIC 367				
1977	17.4	188.50	39.6	4.76
1978	18.8	202.80	40.0	5.07
1979	20.1	211.07	39.6	5.33
1980	20.5	247.83	39.4	6.29
1981	21.3	295.54	40.1	7.37
TRANSPORTATION EQUIPMENT — SIC 37				
1977	136.2	296.53	41.3	7.18
1978	143.7	313.81	41.4	7.58
1979	160.7	341.55	41.4	8.25
1980	160.4	380.16	40.4	9.41
1981	161.7	427.20	40.0	10.68
MOTOR VEHICLES AND EQUIPMENT — SIC 371				
1977	25.1	287.29	41.1	6.99
1978	27.2	298.91	41.4	7.22
1979	26.8	309.59	41.5	7.46
1980	18.3	309.89	38.4	8.07
1981	19.7	385.97	40.5	9.53
AIRCRAFT AND PARTS — SIC 372				
1977	85.3	310.42	41.5	7.48
1978	91.2	340.98	42.2	8.08
1979	108.4	361.05	41.5	8.70
1980	116.1	402.12	40.7	9.88
1981	113.4	444.89	39.9	11.15
SHIP AND BOAT BUILDING AND REPAIRING — SIC 373				
1977	4.5	301.43	39.3	7.67
1978	5.3	321.18	38.1	8.43
1979	6.2	381.39	41.5	9.19
1980	5.7	415.30	41.2	10.08
1981	7.3	434.70	37.8	11.50
GUIDED MISSILES, SPACE VEHICLES, PARTS — SIC 376				
1977	15.3	310.70	42.1	7.38
1978	14.1	328.44	42.0	7.82
1979	15.3	361.68	42.5	8.51
1980	17.4	385.56	42.0	9.18
1981	19.4	419.42	41.2	10.18
INSTRUMENTS AND RELATED PRODUCTS — SIC 38				
1977	25.8	205.18	41.2	4.98
1978	28.2	217.59	40.9	5.32
1979	30.5	236.22	39.7	5.95
1980	31.8	266.64	40.4	6.60
1981	31.6	293.93	40.1	7.33

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
LOS ANGELES-LONG BEACH (Con.)				
MEASURING AND CONTROLLING DEVICES — SIC 382				
1977	10.9	210.41	41.5	5.07
1978	11.8	223.30	41.2	5.42
1979	12.0	238.39	40.2	5.93
1980	12.2	271.10	41.2	6.58
1981	12.4	286.74	40.5	7.08
MISC. MANUFACTURING INDUSTRIES — SIC 39				
1977	21.1	168.80	40.0	4.22
1978	23.0	186.19	40.3	4.62
1979	22.5	207.76	39.8	5.22
1980	20.3	219.57	39.0	5.63
1981	20.5	226.20	39.0	5.80
TOYS AND SPORTING GOODS — SIC 394				
1977	8.9	158.36	40.5	3.91
1978	9.3	173.77	40.6	4.28
1979	9.0	191.35	40.8	4.69
1980	8.2	202.75	39.6	5.12
1981	8.6	206.96	39.8	5.20
NONDURABLE GOODS				
1977	279.1	205.25	38.8	5.29
1978	294.3	221.87	39.2	5.66
1979	300.0	237.39	38.6	6.15
1980	293.8	260.06	38.7	6.72
1981	298.1	284.40	38.8	7.33
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	50.7	249.95	39.3	6.36
1978	51.4	272.03	40.3	6.75
1979	51.4	290.66	39.6	7.34
1980	51.4	319.98	39.7	8.06
1981	52.4	344.36	39.4	8.74
MEAT PRODUCTS — SIC 201				
1977	9.0	294.46	39.9	7.38
1978	8.9	313.18	40.1	7.81
1979	8.0	349.27	39.6	8.82
1980	7.2	372.96	39.3	9.49
1981	6.2	391.26	38.7	10.11
DAIRY PRODUCTS — SIC 202				
1977	4.6	315.33	42.1	7.49
1978	4.5	342.93	42.6	8.05
1979	4.9	360.71	41.7	8.65
1980	5.1	389.94	40.2	9.70
1981	6.1	436.97	40.8	10.71
PRESERVED FRUITS AND VEGETABLES — SIC 203				
1977	3.8	220.86	40.6	5.44
1978	4.1	234.35	41.7	5.62
1979	4.1	259.84	40.6	6.40
1980	4.2	278.07	40.3	6.90
1981	4.4	296.30	40.7	7.28
GRAIN MILL PRODUCTS — SIC 204				
1977	3.0	295.65	41.7	7.09
1978	3.1	353.81	44.9	7.88
1979	3.1	391.99	45.9	8.54
1980	3.1	402.29	46.4	8.67
1981	3.0	452.68	47.5	9.53
BAKERY PRODUCTS — SIC 205				
1977	8.5	256.66	36.2	7.09
1978	8.6	292.67	37.0	7.91
1979	8.6	310.73	36.6	8.49
1980	8.6	349.44	36.4	9.60
1981	8.5	379.18	36.6	10.36
BEVERAGES — SIC 208				
1977	5.5	350.27	41.6	8.42
1978	6.0	382.89	41.8	9.16
1979	5.9	432.37	41.1	10.52
1980	6.1	466.58	41.0	11.38
1981	6.2	506.10	42.0	12.05

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
LOS ANGELES-LONG BEACH (Con.)				
CANNED, CURED, AND FROZEN SEAFOODS — SIC 2091,2				
1977	6.0	182.16	37.1	4.91
1978	5.4	198.69	39.5	5.03
1979	5.4	222.14	38.3	5.80
1980	5.5	248.40	40.0	6.21
1981	6.1	253.33	37.2	6.81
TEXTILE MILL PRODUCTS — SIC 22				
1977	9.9	183.61	42.8	4.29
1978	10.2	191.70	42.6	4.50
1979	10.0	198.72	41.4	4.80
1980	9.3	220.08	42.0	5.24
1981	8.5	242.26	41.2	5.88
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	74.9	133.95	36.8	3.64
1978	81.2	145.84	37.3	3.91
1979	81.0	153.49	36.2	4.24
1980	77.0	168.91	36.8	4.59
1981	76.2	181.77	36.5	4.98
MEN'S AND BOYS' FURNISHINGS — SIC 232				
1977	8.7	119.36	34.8	3.43
1978	8.9	128.16	35.8	3.58
1979	9.0	131.99	33.5	3.94
1980	7.7	135.24	32.2	4.20
1981	6.9	145.92	32.0	4.56
WOMEN'S AND MISSES' OUTERWEAR — SIC 233				
1977	47.7	133.57	36.1	3.70
1978	53.1	147.63	37.0	3.99
1979	51.8	152.28	36.0	4.23
1980	48.8	171.77	37.1	4.63
1981	47.9	184.26	36.2	5.09
WOMEN'S AND CHILDREN'S UNDERGARMENTS — SIC 234				
1977	3.3	125.16	37.7	3.32
1978	3.2	134.59	38.9	3.46
1979	3.4	146.26	38.9	3.76
1980	3.6	155.50	38.3	4.06
1981	3.7	175.56	39.1	4.49
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	16.6	268.46	40.8	6.58
1978	16.7	287.99	41.2	6.99
1979	17.7	304.09	40.6	7.49
1980	17.3	331.97	39.9	8.32
1981	17.9	376.53	40.4	9.32
PULP, PAPER, AND PAPERBOARD MILLS — SIC 261-3,6				
1977	1.9	-	-	-
1978	1.7	-	-	-
1979	2.0	-	-	-
1980	2.1	-	-	-
1981	2.4	-	-	-
MISC. CONVERTED PAPER PRODUCTS — SIC 264				
1977	7.2	254.16	40.6	6.26
1978	7.4	259.53	40.3	6.44
1979	8.0	266.56	39.2	6.80
1980	7.7	296.06	38.4	7.71
1981	7.8	343.49	38.9	8.83
PAPERBOARD CONTAINERS AND BOXES — SIC 265				
1977	7.4	277.95	41.3	6.73
1978	7.6	307.44	42.0	7.32
1979	7.8	335.16	42.0	7.98
1980	7.6	350.10	40.9	8.56
1981	7.7	400.86	41.8	9.59
PRINTING AND PUBLISHING — SIC 27				
1977	46.4	263.41	37.9	6.95
1978	50.2	279.72	37.8	7.40
1979	52.6	294.88	38.0	7.76
1980	54.0	323.76	38.0	8.52
1981	54.5	349.68	38.3	9.13

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
LOS ANGELES-LONG BEACH (Con.)				
NEWSPAPERS — SIC 271				
1977	13.3	288.77	34.5	8.37
1978	14.2	315.15	34.9	9.03
1979	15.0	328.65	35.0	9.39
1980	15.2	352.60	34.2	10.31
1981	15.8	414.89	35.4	11.72
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	27.5	242.35	39.6	6.12
1978	28.1	268.53	39.9	6.73
1979	28.9	288.15	39.8	7.24
1980	28.8	308.90	39.3	7.86
1981	30.0	331.85	39.6	8.38
INDUSTRIAL INORGANIC CHEMICALS — SIC 281				
1977	3.1	305.12	40.2	7.59
1978	3.1	318.67	39.1	8.15
1979	3.0	349.27	39.6	8.82
1980	2.9	359.46	38.2	9.41
1981	2.8	381.00	37.5	10.16
PLASTICS MATERIALS AND SYNTHETICS — SIC 282				
1977	2.0	223.60	40.0	5.59
1978	1.9	259.03	40.6	6.38
1979	2.1	281.40	41.2	6.83
1980	1.7	299.43	40.3	7.43
1981	1.9	323.40	39.2	8.25
DRUGS — SIC 283				
1977	4.8	205.23	40.4	5.08
1978	4.7	217.06	39.9	5.44
1979	5.4	240.08	40.9	5.87
1980	5.8	249.02	40.1	6.21
1981	6.0	276.08	40.9	6.75
SOAP, CLEANERS, AND TOILET GOODS — SIC 284				
1977	9.6	231.49	38.2	6.06
1978	9.8	274.62	39.4	6.97
1979	9.5	296.74	39.2	7.57
1980	9.7	319.90	39.3	8.14
1981	10.4	332.29	39.7	8.37
PAINTS AND ALLIED PRODUCTS — SIC 285				
1977	3.9	253.94	40.5	6.27
1978	4.2	272.65	41.0	6.65
1979	4.4	277.11	39.7	6.98
1980	3.8	316.09	38.5	8.21
1981	3.9	328.10	38.6	8.50
PETROLEUM AND COAL PRODUCTS — SIC 29				
1977	12.7	334.36	41.9	7.98
1978	13.2	375.90	42.0	8.95
1979	13.2	396.98	39.5	10.05
1980	13.4	442.78	40.4	10.96
1981	14.7	500.41	42.3	11.83
PETROLEUM REFINING — SIC 291				
1977	10.7	343.61	41.7	8.24
1978	11.1	378.64	41.7	9.08
1979	11.0	393.46	38.2	10.30
1980	11.0	450.93	39.8	11.33
1981	12.6	519.72	42.6	12.20
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS — SIC 30				
1977	31.9	198.65	41.3	4.81
1978	33.5	207.41	41.4	5.01
1979	35.2	222.49	40.6	5.48
1980	33.8	238.10	40.7	5.85
1981	34.3	249.69	40.6	6.15
RUBBER AND PLASTIC FOOTWEAR, AND FABRICATED RUBBER PRODUCTS, NEC — SIC 302,6				
1977	5.5	166.84	40.3	4.14
1978	5.4	186.50	40.9	4.56
1979	5.3	195.13	40.4	4.83
1980	5.0	215.59	40.6	5.31
1981	4.9	245.01	40.7	6.02

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Production or nonsupervisory workers: Average weekly hours	Production or nonsupervisory workers: Average hourly earnings (dollars)
LOS ANGELES-LONG BEACH (Con.)				
MISCELLANEOUS PLASTICS PRODUCTS — SIC 307				
1977	21.9	181.22	41.0	4.42
1978	25.0	194.94	41.3	4.72
1979	27.3	214.77	40.6	5.29
1980	27.2	239.09	40.8	5.86
1981	28.3	251.12	40.7	6.17
LEATHER AND LEATHER PRODUCTS — SIC 31				
1977	8.5	131.95	37.7	3.50
1978	9.7	141.99	38.9	3.65
1979	9.9	151.31	38.5	3.93
1980	8.9	166.50	38.1	4.37
1981	9.6	189.14	38.6	4.90
TRANSPORTATION AND PUBLIC UTILITIES				
1977	177.4	-	-	-
1978	187.8	-	-	-
1979	198.3	-	-	-
1980	200.8	-	-	-
1981	200.9	-	-	-
TRANSPORTATION — SIC 40-42,44-47				
1977	107.3	-	-	-
1978	115.1	-	-	-
1979	121.6	-	-	-
1980	121.1	-	-	-
1981	117.9	-	-	-
COMMUNICATION — SIC 48				
1977	52.8	-	-	-
1978	55.3	-	-	-
1979	58.6	-	-	-
1980	61.2	-	-	-
1981	63.9	-	-	-
ELECTRIC, GAS, AND SANITARY SERVICES — SIC 49				
1977	17.3	-	-	-
1978	17.5	-	-	-
1979	18.2	-	-	-
1980	18.4	-	-	-
1981	19.1	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	742.7	-	-	-
1978	787.9	-	-	-
1979	814.1	-	-	-
1980	816.9	-	-	-
1981	821.8	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	236.1	265.30	38.9	6.82
1978	253.4	283.71	38.6	7.35
1979	264.9	297.94	39.1	7.62
1980	267.6	318.63	39.0	8.17
1981	269.0	356.98	39.1	9.13
RETAIL TRADE — SIC 52-59				
1977	506.7	-	-	-
1978	534.4	-	-	-
1979	549.2	-	-	-
1980	549.4	-	-	-
1981	552.8	-	-	-
RETAIL TRADE, EXCEPT EATING AND DRINKING PLACES — SIC 52-57,59				
1977	-	181.63	34.4	5.28
1978	-	194.45	35.1	5.54
1979	-	199.80	33.3	6.00
1980	-	214.78	31.4	6.84
1981	-	241.04	31.8	7.58
FINANCE, INSURANCE, AND REAL ESTATE				
1977	198.0	-	-	-
1978	212.0	-	-	-
1979	224.2	-	-	-
1980	234.6	-	-	-
1981	240.5	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Production or nonsupervisory workers: Average weekly hours	Production or nonsupervisory workers: Average hourly earnings (dollars)
LOS ANGELES-LONG BEACH (Con.)				
FINANCE — SIC 60-62				
1977	93.0	-	-	-
1978	101.0	-	-	-
1979	108.4	-	-	-
1980	115.1	-	-	-
1981	119.8	-	-	-
INSURANCE CARRIERS, AGENTS AND BROKERS — SIC 63,64				
1977	65.6	-	-	-
1978	67.8	-	-	-
1979	69.0	-	-	-
1980	70.8	-	-	-
1981	72.2	-	-	-
REAL ESTATE — SIC 65				
1977	35.5	-	-	-
1978	39.0	-	-	-
1979	42.2	-	-	-
1980	43.4	-	-	-
1981	42.6	-	-	-
COMBINATION OFFICES, HOLDING AND OTHER INVESTMENT COMPANIES — SIC 66,67				
1977	4.0	-	-	-
1978	4.2	-	-	-
1979	4.6	-	-	-
1980	5.3	-	-	-
1981	6.0	-	-	-
SERVICES				
1977	702.9	-	-	-
1978	758.0	-	-	-
1979	808.7	-	-	-
1980	829.3	-	-	-
1981	862.1	-	-	-
MOTION PICTURE, AND TV PRODUCTION — SIC 7813,4				
1977	-	318.77	39.5	8.07
1978	-	427.81	38.3	11.17
1979	-	453.34	38.0	11.93
1980	-	470.34	39.0	12.06
1981	-	495.69	39.0	12.71
GOVERNMENT				
1977	483.1	-	-	-
1978	487.9	-	-	-
1979	482.8	-	-	-
1980	482.9	-	-	-
1981	474.9	-	-	-
FEDERAL GOVERNMENT				
1977	66.8	-	-	-
1978	67.6	-	-	-
1979	68.1	-	-	-
1980	71.2	-	-	-
1981	67.9	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	416.2	-	-	-
1978	420.3	-	-	-
1979	414.7	-	-	-
1980	411.7	-	-	-
1981	407.0	-	-	-
STATE AND LOCAL EDUCATION — SIC 82,941				
1977	220.6	-	-	-
1978	222.2	-	-	-
1979	224.2	-	-	-
1980	218.7	-	-	-
1981	216.8	-	-	-
CITY GOVERNMENT				
1977	76.3	-	-	-
1978	76.1	-	-	-
1979	70.5	-	-	-
1980	70.0	-	-	-
1981	70.6	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Production or nonsupervisory workers: Average weekly hours	Production or nonsupervisory workers: Average hourly earnings (dollars)
LOS ANGELES-LONG BEACH (Con.)				
COUNTY GOVERNMENT				
1977	78.9	-	-	-
1978	80.7	-	-	-
1979	79.2	-	-	-
1980	81.1	-	-	-
1981	77.3	-	-	-
MODESTO				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	78.6	-	-	-
1978	83.2	-	-	-
1979	87.2	-	-	-
1980	87.6	-	-	-
1981	89.0	-	-	-
MINING				
1977	.1	-	-	-
1978	.1	-	-	-
1979	.1	-	-	-
1980	.1	-	-	-
1981	.1	-	-	-
CONSTRUCTION				
1977	5.2	-	-	-
1978	5.8	-	-	-
1979	6.5	-	-	-
1980	5.9	-	-	-
1981	5.3	-	-	-
MANUFACTURING				
1977	18.4	240.58	39.7	6.06
1978	18.9	256.71	39.8	6.45
1979	20.1	270.78	39.3	6.89
1980	19.2	296.81	38.9	7.63
1981	19.6	325.08	38.7	8.40
DURABLE GOODS				
1977	4.3	252.63	40.1	6.30
1978	4.6	262.80	40.0	6.57
1979	5.0	288.67	40.6	7.11
1980	5.0	308.45	39.8	7.75
1981	5.2	320.93	38.9	8.25
LUMBER, AND STONE, CLAY, AND GLASS PRODUCTS — SIC 24,32				
1977	1.7	-	-	-
1978	1.8	-	-	-
1979	1.9	-	-	-
1980	1.9	-	-	-
1981	1.9	-	-	-
FABRICATED METAL PRODUCTS — SIC 34				
1977	1.2	-	-	-
1978	1.3	-	-	-
1979	1.5	-	-	-
1980	1.4	-	-	-
1981	1.4	-	-	-
NONDURABLE GOODS				
1977	14.1	237.60	39.6	6.00
1978	14.3	254.87	39.7	6.42
1979	15.1	264.91	38.9	6.81
1980	14.2	291.83	38.5	7.58
1981	14.5	326.17	38.6	8.45
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	11.8	-	-	-
1978	11.8	-	-	-
1979	12.6	-	-	-
1980	11.8	-	-	-
1981	12.2	-	-	-
FOOD PROCESSING, EXCEPT CANNED, CURED, AND FROZEN FOODS — SIC 201,2,4-8,2095,7-9				
1977	5.3	-	-	-
1978	5.4	-	-	-
1979	5.7	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
MODESTO (Con.)				
FOOD PROCESSING, EXCEPT CANNED, CURED, AND FROZEN FOODS — SIC 201,2,4–8,2095,7–9 (Con.)				
1980	6.0	-	-	-
1981	6.2	-	-	-
CANNED, CURED, AND FROZEN FOODS — SIC 203,2091,2				
1977	6.5	-	-	-
1978	6.4	-	-	-
1979	6.9	-	-	-
1980	5.8	-	-	-
1981	5.9	-	-	-
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	1.3	-	-	-
1978	1.3	-	-	-
1979	1.2	-	-	-
1980	1.3	-	-	-
1981	1.3	-	-	-
PRINTING AND PUBLISHING — SIC 27				
1977	.7	-	-	-
1978	.8	-	-	-
1979	.8	-	-	-
1980	.8	-	-	-
1981	.8	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	3.6	-	-	-
1978	3.7	-	-	-
1979	3.8	-	-	-
1980	3.9	-	-	-
1981	3.9	-	-	-
TRANSPORTATION — SIC 40–42,44–47				
1977	2.2	-	-	-
1978	2.2	-	-	-
1979	2.2	-	-	-
1980	2.3	-	-	-
1981	2.3	-	-	-
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	1.4	-	-	-
1978	1.5	-	-	-
1979	1.6	-	-	-
1980	1.6	-	-	-
1981	1.6	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	18.7	-	-	-
1978	19.9	-	-	-
1979	21.3	-	-	-
1980	21.4	-	-	-
1981	21.7	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	3.6	-	-	-
1978	3.7	-	-	-
1979	4.2	-	-	-
1980	4.5	-	-	-
1981	4.4	-	-	-
RETAIL TRADE — SIC 52–59				
1977	15.1	-	-	-
1978	16.2	-	-	-
1979	17.1	-	-	-
1980	16.9	-	-	-
1981	17.3	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	2.5	-	-	-
1978	2.9	-	-	-
1979	3.3	-	-	-
1980	3.3	-	-	-
1981	3.6	-	-	-
MODESTO (Con.)				
FINANCE — SIC 60–62				
1977	1.4	-	-	-
1978	1.6	-	-	-
1979	1.8	-	-	-
1980	1.9	-	-	-
1981	2.1	-	-	-
INSURANCE, REAL ESTATE, COMBINATION OFFICES, HOLDING AND INVESTMENT COMPANIES — SIC 63–67				
1977	1.1	-	-	-
1978	1.3	-	-	-
1979	1.5	-	-	-
1980	1.4	-	-	-
1981	1.5	-	-	-
SERVICES				
1977	14.1	-	-	-
1978	15.1	-	-	-
1979	16.0	-	-	-
1980	16.8	-	-	-
1981	17.6	-	-	-
GOVERNMENT				
1977	16.0	-	-	-
1978	16.8	-	-	-
1979	16.2	-	-	-
1980	17.0	-	-	-
1981	17.2	-	-	-
FEDERAL GOVERNMENT				
1977	.6	-	-	-
1978	.6	-	-	-
1979	.6	-	-	-
1980	.7	-	-	-
1981	.7	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	15.4	-	-	-
1978	16.2	-	-	-
1979	15.6	-	-	-
1980	16.3	-	-	-
1981	16.5	-	-	-
CITY GOVERNMENT				
1977	1.3	-	-	-
1978	1.4	-	-	-
1979	1.3	-	-	-
1980	1.4	-	-	-
1981	1.5	-	-	-
COUNTY GOVERNMENT				
1977	3.3	-	-	-
1978	4.3	-	-	-
1979	4.0	-	-	-
1980	4.0	-	-	-
1981	4.0	-	-	-
OXNARD-SIMI VALLEY-VENTURA				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	128.3	-	-	-
1978	138.7	-	-	-
1979	147.2	-	-	-
1980	153.1	-	-	-
1981	158.8	-	-	-
MINING				
1977	2.2	-	-	-
1978	2.4	-	-	-
1979	2.5	-	-	-
1980	2.6	-	-	-
1981	2.9	-	-	-
CONSTRUCTION				
1977	6.0	-	-	-
1978	7.3	-	-	-
1979	8.7	-	-	-
1980	7.8	-	-	-
1981	7.2	-	-	-
OXNARD-SIMI VALLEY-VENTURA (Con.)				
MANUFACTURING				
1977	19.6	202.93	39.1	5.19
1978	21.4	220.25	39.4	5.59
1979	23.3	246.09	39.5	6.23
1980	24.2	262.68	38.8	6.77
1981	25.4	289.84	38.8	7.47
DURABLE GOODS				
1977	12.7	225.68	40.3	5.60
1978	13.8	237.77	40.3	5.90
1979	15.4	257.44	40.1	6.42
1980	16.3	272.25	39.4	6.91
1981	17.2	304.92	39.6	7.70
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	.3	-	-	-
1978	.3	-	-	-
1979	.3	-	-	-
1980	.3	-	-	-
1981	.3	-	-	-
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	1.9	-	-	-
1978	2.0	-	-	-
1979	2.2	-	-	-
1980	2.8	-	-	-
1981	3.4	-	-	-
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	3.4	-	-	-
1978	3.7	-	-	-
1979	4.1	-	-	-
1980	4.5	-	-	-
1981	4.8	-	-	-
RADIO, TV, COMMUNICATION EQUIPMENT, AND ELECTRONIC COMPONENTS -- SIC 365–7				
1977	2.8	-	-	-
1978	3.3	-	-	-
1979	3.7	-	-	-
1980	4.2	-	-	-
1981	4.6	-	-	-
TRANSPORTATION EQUIPMENT — SIC 37				
1977	3.3	-	-	-
1978	3.5	-	-	-
1979	3.8	-	-	-
1980	4.1	-	-	-
1981	3.9	-	-	-
AIRCRAFT, AND MISSILES — SIC 372,6				
1977	3.1	-	-	-
1978	3.3	-	-	-
1979	3.6	-	-	-
1980	3.7	-	-	-
1981	3.8	-	-	-
NONDURABLE GOODS				
1977	6.9	168.4r	37.4	4.51
1978	7.6	188.12	37.7	4.99
1979	8.0	229.67	38.6	5.95
1980	7.9	245.80	37.7	6.52
1981	8.2	260.73	37.3	6.99
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	2.1	-	-	-
1978	2.3	-	-	-
1979	2.1	-	-	-
1980	2.2	-	-	-
1981	2.3	-	-	-
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	1.1	-	-	-
1978	1.1	-	-	-
1979	1.1	-	-	-
1980	1.1	-	-	-
1981	1.4	-	-	-

See footnotes at end of tables.

CALIFORNIA

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
OXNARD-SIMI VALLEY-VENTURA (Con.)				
PRINTING AND PUBLISHING — SIC 27				
1977	1.2	-	-	-
1978	1.4	-	-	-
1979	1.4	-	-	-
1980	1.2	-	-	-
1981	1.4	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	5.2	-	-	-
1978	5.8	-	-	-
1979	6.2	-	-	-
1980	6.5	-	-	-
1981	6.9	-	-	-
TRANSPORTATION — SIC 40-42,44-47				
1977	2.2	-	-	-
1978	2.7	-	-	-
1979	2.9	-	-	-
1980	3.0	-	-	-
1981	3.2	-	-	-
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	3.0	-	-	-
1978	3.1	-	-	-
1979	3.3	-	-	-
1980	3.5	-	-	-
1981	3.6	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	29.9	-	-	-
1978	33.0	-	-	-
1979	34.5	-	-	-
1980	36.2	-	-	-
1981	38.1	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	5.7	-	-	-
1978	5.8	-	-	-
1979	6.1	-	-	-
1980	6.8	-	-	-
1981	7.3	-	-	-
RETAIL TRADE — SIC 52-59				
1977	24.2	-	-	-
1978	27.2	-	-	-
1979	28.4	-	-	-
1980	29.5	-	-	-
1981	30.8	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	5.3	-	-	-
1978	6.1	-	-	-
1979	7.0	-	-	-
1980	7.5	-	-	-
1981	8.3	-	-	-
FINANCE — SIC 60-62				
1977	2.6	-	-	-
1978	2.6	-	-	-
1979	3.1	-	-	-
1980	3.3	-	-	-
1981	3.6	-	-	-
INSURANCE, REAL ESTATE, COMBINATION OFFICES, HOLDING AND INVESTMENT COMPANIES — SIC 63-67				
1977	2.7	-	-	-
1978	3.5	-	-	-
1979	3.9	-	-	-
1980	4.2	-	-	-
1981	4.6	-	-	-
SERVICES				
1977	22.9	-	-	-
1978	26.0	-	-	-
1979	28.8	-	-	-
1980	30.7	-	-	-
1981	32.0	-	-	-
OXNARD-SIMI VALLEY-VENTURA (Con.)				
GOVERNMENT				
1977	37.2	-	-	-
1978	37.7	-	-	-
1979	38.2	-	-	-
1980	37.5	-	-	-
1981	37.9	-	-	-
FEDERAL GOVERNMENT				
1977	10.1	-	-	-
1978	9.9	-	-	-
1979	9.9	-	-	-
1980	9.9	-	-	-
1981	9.9	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	27.1	-	-	-
1978	26.8	-	-	-
1979	26.3	-	-	-
1980	27.7	-	-	-
1981	28.0	-	-	-
CITY GOVERNMENT				
1977	2.6	-	-	-
1978	2.6	-	-	-
1979	2.6	-	-	-
1980	2.7	-	-	-
1981	2.8	-	-	-
COUNTY GOVERNMENT				
1977	5.3	-	-	-
1978	5.3	-	-	-
1979	5.0	-	-	-
1980	6.0	-	-	-
1981	6.2	-	-	-
RIVERSIDE-SAN BERNARDINO-ONTARIO				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	374.4	-	-	-
1978	408.2	-	-	-
1979	430.2	-	-	-
1980	433.7	-	-	-
1981	440.0	-	-	-
MINING				
1977	2.4	-	-	-
1978	2.5	-	-	-
1979	2.6	-	-	-
1980	2.3	-	-	-
1981	2.2	-	-	-
CONSTRUCTION				
1977	20.4	-	-	-
1978	26.0	-	-	-
1979	29.6	-	-	-
1980	26.1	-	-	-
1981	23.9	-	-	-
MANUFACTURING				
1977	58.5	242.59	39.9	6.08
1978	64.1	265.86	40.1	6.63
1979	67.2	289.92	40.1	7.23
1980	63.6	299.15	38.6	7.75
1981	64.0	329.78	39.4	8.37
DURABLE GOODS				
1977	42.8	258.73	40.3	6.42
1978	46.9	283.68	40.7	6.97
1979	50.0	307.85	40.4	7.62
1980	46.1	316.26	38.9	8.13
1981	45.9	353.42	39.8	8.88
LUMBER, AND FURNITURE — SIC 24,25				
1977	6.5	-	-	-
1978	7.2	-	-	-
1979	6.6	-	-	-
1980	5.1	-	-	-
1981	5.3	-	-	-
RIVERSIDE-SAN BERNARDINO-ONTARIO (Con.)				
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	5.3	282.15	41.8	6.75
1978	5.7	311.50	41.7	7.47
1979	5.9	337.82	41.4	8.16
1980	5.4	352.48	40.1	8.79
1981	5.1	409.04	42.3	9.67
PRIMARY AND FABRICATED METALS — SIC 33,34				
1977	14.3	-	-	-
1978	15.2	-	-	-
1979	17.2	-	-	-
1980	15.0	-	-	-
1981	14.7	-	-	-
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	2.8	-	-	-
1978	3.2	-	-	-
1979	3.4	-	-	-
1980	3.6	-	-	-
1981	3.9	-	-	-
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	2.8	-	-	-
1978	3.2	-	-	-
1979	3.6	-	-	-
1980	3.7	-	-	-
1981	3.7	-	-	-
TRANSPORTATION EQUIPMENT — SIC 37				
1977	7.7	-	-	-
1978	8.6	-	-	-
1979	9.4	-	-	-
1980	9.4	-	-	-
1981	9.2	-	-	-
AIRCRAFT, AND MISSILES — SIC 372,6				
1977	2.9	-	-	-
1978	3.5	-	-	-
1979	4.7	-	-	-
1980	6.4	-	-	-
1981	6.3	-	-	-
INSTRUMENTS, AND MISC. MANUFACTURING — SIC 38,39				
1977	3.4	-	-	-
1978	3.8	-	-	-
1979	4.0	-	-	-
1980	4.0	-	-	-
1981	4.0	-	-	-
NONDURABLE GOODS				
1977	15.7	194.93	38.6	5.05
1978	17.2	213.50	38.4	5.56
1979	17.2	234.00	39.0	6.00
1980	17.5	246.18	37.7	6.53
1981	18.2	263.96	38.2	6.91
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	4.1	184.47	39.5	4.67
1978	4.6	197.22	38.9	5.07
1979	4.6	205.52	39.6	5.19
1980	5.0	223.83	39.2	5.71
1981	5.1	239.19	40.2	5.95
FOOD PROCESSING, EXCEPT CANNED, CURED, AND FROZEN FOODS — SIC 201,2,4-8,2095,7-9				
1977	2.3	-	-	-
1978	2.5	-	-	-
1979	2.5	-	-	-
1980	2.6	-	-	-
1981	2.7	-	-	-
CANNED, CURED, AND FROZEN FOODS — SIC 203,2091,2				
1977	1.8	163.10	39.3	4.15
1978	2.1	180.11	38.9	4.63
1979	2.1	183.74	38.2	4.81
1980	2.4	201.76	38.8	5.20
1981	2.4	227.13	40.2	5.65

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
RIVERSIDE-SAN BERNARDINO-ONTARIO (Con.)				
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	2.0	-	-	-
1978	2.3	-	-	-
1979	2.1	-	-	-
1980	1.7	-	-	-
1981	2.0	-	-	-
PRINTING AND PUBLISHING — SIC 27				
1977	3.4	-	-	-
1978	3.6	-	-	-
1979	3.7	-	-	-
1980	4.1	-	-	-
1981	4.2	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	20.1	-	-	-
1978	21.8	-	-	-
1979	24.2	-	-	-
1980	25.6	-	-	-
1981	26.2	-	-	-
TRANSPORTATION — SIC 40-42,44-47				
1977	10.4	-	-	-
1978	11.1	-	-	-
1979	12.3	-	-	-
1980	12.8	-	-	-
1981	12.9	-	-	-
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	9.7	-	-	-
1978	10.7	-	-	-
1979	11.9	-	-	-
1980	12.8	-	-	-
1981	13.3	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	89.1	-	-	-
1978	98.1	-	-	-
1979	103.3	-	-	-
1980	106.3	-	-	-
1981	108.7	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	13.5	-	-	-
1978	14.0	-	-	-
1979	14.5	-	-	-
1980	15.4	-	-	-
1981	15.4	-	-	-
RETAIL TRADE — SIC 52-59				
1977	75.6	-	-	-
1978	84.1	-	-	-
1979	88.8	-	-	-
1980	90.9	-	-	-
1981	93.3	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	15.1	-	-	-
1978	17.0	-	-	-
1979	18.6	-	-	-
1980	18.9	-	-	-
1981	19.8	-	-	-
FINANCE — SIC 60-62				
1977	7.8	-	-	-
1978	8.4	-	-	-
1979	9.0	-	-	-
1980	9.6	-	-	-
1981	10.3	-	-	-
INSURANCE, REAL ESTATE, COMBINATION OFFICES, HOLDING AND INVESTMENT COMPANIES — SIC 63-67				
1977	7.3	-	-	-
1978	8.6	-	-	-
1979	9.6	-	-	-
1980	9.3	-	-	-
1981	9.5	-	-	-
RIVERSIDE-SAN BERNARDINO-ONTARIO (Con.)				
SERVICES				
1977	75.1	-	-	-
1978	82.3	-	-	-
1979	87.4	-	-	-
1980	89.7	-	-	-
1981	94.3	-	-	-
GOVERNMENT				
1977	93.7	-	-	-
1978	96.4	-	-	-
1979	97.4	-	-	-
1980	101.3	-	-	-
1981	101.0	-	-	-
FEDERAL GOVERNMENT				
1977	15.0	-	-	-
1978	15.9	-	-	-
1979	16.6	-	-	-
1980	17.5	-	-	-
1981	17.3	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	78.7	-	-	-
1978	80.5	-	-	-
1979	80.8	-	-	-
1980	83.8	-	-	-
1981	83.8	-	-	-
CITY GOVERNMENT				
1977	8.7	-	-	-
1978	8.9	-	-	-
1979	8.5	-	-	-
1980	8.9	-	-	-
1981	8.6	-	-	-
COUNTY GOVERNMENT				
1977	15.3	-	-	-
1978	16.1	-	-	-
1979	15.8	-	-	-
1980	17.1	-	-	-
1981	16.7	-	-	-
SACRAMENTO				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	352.2	-	-	-
1978	375.8	-	-	-
1979	393.4	-	-	-
1980	398.6	-	-	-
1981	406.2	-	-	-
MINING				
1977	.4	-	-	-
1978	.4	-	-	-
1979	.4	-	-	-
1980	.6	-	-	-
1981	.7	-	-	-
CONSTRUCTION				
1977	17.9	-	-	-
1978	21.1	-	-	-
1979	23.6	-	-	-
1980	19.8	-	-	-
1981	17.7	-	-	-
MANUFACTURING				
1977	24.6	259.12	39.5	6.56
1978	26.5	277.38	39.4	7.04
1979	27.8	298.74	39.0	7.66
1980	27.3	324.43	38.9	8.34
1981	27.7	349.46	38.7	9.03
DURABLE GOODS				
1977	12.3	248.75	39.8	6.25
1978	13.6	264.26	39.5	6.69
1979	14.4	282.03	38.9	7.25
1980	14.2	306.08	38.5	7.95
1981	14.6	329.64	38.6	8.54
SACRAMENTO (Con.)				
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	3.7	-	-	-
1978	3.8	-	-	-
1979	3.6	-	-	-
1980	2.9	-	-	-
1981	3.1	-	-	-
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	1.1	-	-	-
1978	1.3	-	-	-
1979	1.6	-	-	-
1980	1.5	-	-	-
1981	1.5	-	-	-
PRIMARY AND FABRICATED METALS — SIC 33,34				
1977	1.9	-	-	-
1978	2.1	-	-	-
1979	2.3	-	-	-
1980	2.3	-	-	-
1981	2.2	-	-	-
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	1.1	-	-	-
1978	1.3	-	-	-
1979	1.4	-	-	-
1980	1.7	-	-	-
1981	2.1	-	-	-
NONDURABLE GOODS				
1977	12.3	269.60	39.3	6.86
1978	13.0	291.26	39.2	7.43
1979	13.4	318.30	39.2	8.12
1980	13.1	345.93	39.4	8.78
1981	13.1	371.70	38.8	9.58
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	7.0	266.00	40.0	6.65
1978	7.0	286.70	39.6	7.24
1979	7.2	310.87	39.5	7.87
1980	6.9	345.77	40.3	8.58
1981	6.9	364.56	39.2	9.30
FOOD PROCESSING, EXCEPT CANNED, CURED, AND FROZEN FOODS — SIC 201,2,4-8,2095,7-9				
1977	3.5	-	-	-
1978	3.6	-	-	-
1979	3.8	-	-	-
1980	3.9	-	-	-
1981	3.9	-	-	-
CANNED, CURED, AND FROZEN FOODS — SIC 203,2091,2				
1977	3.5	257.45	40.8	6.31
1978	3.4	283.46	41.2	6.88
1979	3.3	301.99	40.7	7.42
1980	3.0	344.83	41.1	8.39
1981	3.0	354.64	39.1	9.07
PRINTING AND PUBLISHING — SIC 27				
1977	2.7	-	-	-
1978	2.9	-	-	-
1979	3.1	-	-	-
1980	3.2	-	-	-
1981	3.3	-	-	-
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	.7	-	-	-
1978	.9	-	-	-
1979	.9	-	-	-
1980	.9	-	-	-
1981	.8	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	18.2	-	-	-
1978	20.0	-	-	-
1979	21.6	-	-	-
1980	21.8	-	-	-
1981	22.4	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
SACRAMENTO (Con.)				
TRANSPORTATION — SIC 40-42,44-47				
1977	9.2	-	-	-
1978	10.0	-	-	-
1979	10.6	-	-	-
1980	10.7	-	-	-
1981	10.9	-	-	-
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	9.1	-	-	-
1978	10.0	-	-	-
1979	11.0	-	-	-
1980	11.1	-	-	-
1981	11.6	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	78.5	-	-	-
1978	86.4	-	-	-
1979	91.6	-	-	-
1980	93.0	-	-	-
1981	94.8	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	14.8	-	-	-
1978	16.2	-	-	-
1979	16.9	-	-	-
1980	17.6	-	-	-
1981	18.4	-	-	-
RETAIL TRADE — SIC 52-59				
1977	63.8	-	-	-
1978	70.2	-	-	-
1979	74.7	-	-	-
1980	75.4	-	-	-
1981	76.4	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	16.6	-	-	-
1978	18.7	-	-	-
1979	20.8	-	-	-
1980	22.0	-	-	-
1981	22.5	-	-	-
FINANCE — SIC 60-62				
1977	7.1	-	-	-
1978	7.8	-	-	-
1979	8.7	-	-	-
1980	9.1	-	-	-
1981	9.6	-	-	-
INSURANCE, REAL ESTATE, COMBINATION OFFICES, HOLDING AND INVESTMENT COMPANIES — SIC 63-67				
1977	9.5	-	-	-
1978	11.0	-	-	-
1979	12.1	-	-	-
1980	12.9	-	-	-
1981	12.9	-	-	-
SERVICES				
1977	59.4	-	-	-
1978	65.3	-	-	-
1979	70.0	-	-	-
1980	73.4	-	-	-
1981	77.9	-	-	-
GOVERNMENT				
1977	136.4	-	-	-
1978	137.5	-	-	-
1979	137.6	-	-	-
1980	140.7	-	-	-
1981	142.6	-	-	-
FEDERAL GOVERNMENT				
1977	24.5	-	-	-
1978	25.0	-	-	-
1979	25.2	-	-	-
1980	25.6	-	-	-
1981	25.6	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
SACRAMENTO (Con.)				
STATE AND LOCAL GOVERNMENT				
1977	111.9	-	-	-
1978	112.4	-	-	-
1979	112.4	-	-	-
1980	115.1	-	-	-
1981	117.1	-	-	-
CITY GOVERNMENT				
1977	5.0	-	-	-
1978	4.9	-	-	-
1979	4.8	-	-	-
1980	5.0	-	-	-
1981	4.8	-	-	-
COUNTY GOVERNMENT				
1977	10.0	-	-	-
1978	9.8	-	-	-
1979	9.5	-	-	-
1980	9.8	-	-	-
1981	9.6	-	-	-
SALINAS-SEASIDE-MONTEREY				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	80.3	-	-	-
1978	84.3	-	-	-
1979	86.8	-	-	-
1980	88.3	-	-	-
1981	89.9	-	-	-
MINING				
1977	.6	-	-	-
1978	.5	-	-	-
1979	.5	-	-	-
1980	.4	-	-	-
1981	.4	-	-	-
CONSTRUCTION				
1977	3.3	-	-	-
1978	3.6	-	-	-
1979	3.6	-	-	-
1980	3.3	-	-	-
1981	3.3	-	-	-
MANUFACTURING				
1977	9.2	224.79	38.1	5.90
1978	9.6	247.15	38.2	6.47
1979	9.8	261.20	37.8	6.91
1980	8.9	277.88	37.1	7.49
1981	8.7	296.58	37.4	7.93
DURABLE GOODS				
1977	1.8	222.34	38.4	5.79
1978	2.1	244.61	39.2	6.24
1979	2.2	272.52	39.9	6.83
1980	2.4	304.56	39.4	7.73
1981	2.4	331.06	39.6	8.36
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	.5	-	-	-
1978	.5	-	-	-
1979	.6	-	-	-
1980	.6	-	-	-
1981	.6	-	-	-
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	.5	-	-	-
1978	.5	-	-	-
1979	.5	-	-	-
1980	.7	-	-	-
1981	.7	-	-	-
NONDURABLE GOODS				
1977	7.4	226.31	38.1	5.94
1978	7.6	247.21	37.8	6.54
1979	7.6	258.17	37.2	6.94
1980	6.5	286.78	36.1	7.95
1981	6.3	282.51	36.5	7.74

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
SALINAS-SEASIDE-MONTEREY (Con.)				
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	4.2	-	-	-
1978	4.1	-	-	-
1979	4.2	-	-	-
1980	4.0	-	-	-
1981	4.3	-	-	-
FOOD PROCESSING, EXCEPT CANNED, CURED, AND FROZEN FOODS — SIC 201,2,4-8,2095,7-9				
1977	2.1	-	-	-
1978	1.9	-	-	-
1979	1.9	-	-	-
1980	1.8	-	-	-
1981	1.9	-	-	-
CANNED, CURED, AND FROZEN FOODS — SIC 203,2091,2				
1977	2.1	-	-	-
1978	2.1	-	-	-
1979	2.3	-	-	-
1980	2.1	-	-	-
1981	2.4	-	-	-
PRINTING AND PUBLISHING — SIC 27				
1977	1.0	-	-	-
1978	1.1	-	-	-
1979	1.1	-	-	-
1980	1.1	-	-	-
1981	1.1	-	-	-
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	.3	-	-	-
1978	.3	-	-	-
1979	.3	-	-	-
1980	.3	-	-	-
1981	.3	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	4.6	-	-	-
1978	4.7	-	-	-
1979	4.8	-	-	-
1980	5.2	-	-	-
1981	5.2	-	-	-
TRANSPORTATION — SIC 40-42,44-47				
1977	2.1	-	-	-
1978	2.0	-	-	-
1979	1.9	-	-	-
1980	2.3	-	-	-
1981	2.2	-	-	-
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	2.6	-	-	-
1978	2.7	-	-	-
1979	2.9	-	-	-
1980	2.9	-	-	-
1981	3.0	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	20.1	-	-	-
1978	21.8	-	-	-
1979	22.5	-	-	-
1980	22.7	-	-	-
1981	23.4	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	2.6	-	-	-
1978	3.1	-	-	-
1979	3.3	-	-	-
1980	3.3	-	-	-
1981	3.4	-	-	-
RETAIL TRADE — SIC 52-59				
1977	17.5	-	-	-
1978	18.8	-	-	-
1979	19.3	-	-	-
1980	19.4	-	-	-
1981	20.0	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Production or nonsupervisory workers: Average weekly hours	Production or nonsupervisory workers: Average hourly earnings (dollars)
SALINAS-SEASIDE-MONTEREY (Con.)				
FINANCE, INSURANCE, AND REAL ESTATE				
1977	3.5	-	-	-
1978	4.0	-	-	-
1979	4.2	-	-	-
1980	4.4	-	-	-
1981	4.4	-	-	-
FINANCE — SIC 60-62				
1977	2.0	-	-	-
1978	2.2	-	-	-
1979	2.3	-	-	-
1980	2.4	-	-	-
1981	2.4	-	-	-
INSURANCE, REAL ESTATE, COMBINATION OFFICES, HOLDING AND INVESTMENT COMPANIES — SIC 63-67				
1977	1.5	-	-	-
1978	1.8	-	-	-
1979	1.9	-	-	-
1980	2.0	-	-	-
1981	2.0	-	-	-
SERVICES				
1977	16.2	-	-	-
1978	17.8	-	-	-
1979	19.0	-	-	-
1980	19.6	-	-	-
1981	20.1	-	-	-
GOVERNMENT				
1977	22.8	-	-	-
1978	22.3	-	-	-
1979	22.4	-	-	-
1980	23.9	-	-	-
1981	24.4	-	-	-
FEDERAL GOVERNMENT				
1977	6.8	-	-	-
1978	6.5	-	-	-
1979	6.8	-	-	-
1980	7.3	-	-	-
1981	7.2	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	16.1	-	-	-
1978	15.9	-	-	-
1979	15.6	-	-	-
1980	16.6	-	-	-
1981	17.3	-	-	-
CITY GOVERNMENT				
1977	1.7	-	-	-
1978	1.7	-	-	-
1979	1.6	-	-	-
1980	1.6	-	-	-
1981	1.6	-	-	-
COUNTY GOVERNMENT				
1977	2.7	-	-	-
1978	2.6	-	-	-
1979	2.6	-	-	-
1980	2.8	-	-	-
1981	2.8	-	-	-
SAN DIEGO				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	544.8	-	-	-
1978	599.3	-	-	-
1979	636.7	-	-	-
1980	650.2	-	-	-
1981	662.8	-	-	-
MINING				
1977	.8	-	-	-
1978	.7	-	-	-
1979	.7	-	-	-
1980	.6	-	-	-
1981	.6	-	-	-
SAN DIEGO (Con.)				
CONSTRUCTION				
1977	32.9	-	-	-
1978	37.8	-	-	-
1979	41.7	-	-	-
1980	36.0	-	-	-
1981	35.1	-	-	-
MANUFACTURING				
1977	78.9	230.29	38.9	5.92
1978	90.9	242.35	38.9	6.23
1979	102.2	259.11	38.5	6.73
1980	108.1	287.82	39.0	7.38
1981	108.3	318.20	38.9	8.18
DURABLE GOODS				
1977	62.0	236.19	39.3	6.01
1978	71.3	249.07	39.1	6.37
1979	81.5	268.81	39.3	6.84
1980	86.9	295.89	39.4	7.51
1981	87.0	328.99	39.4	8.35
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	.6	-	-	-
1978	.8	-	-	-
1979	.9	-	-	-
1980	.7	-	-	-
1981	.7	-	-	-
FURNITURE AND FIXTURES — SIC 25				
1977	1.2	-	-	-
1978	1.4	-	-	-
1979	1.4	-	-	-
1980	1.4	-	-	-
1981	1.4	-	-	-
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	1.0	-	-	-
1978	1.4	-	-	-
1979	1.5	-	-	-
1980	1.3	-	-	-
1981	1.4	-	-	-
PRIMARY METAL INDUSTRIES — SIC 33				
1977	.7	-	-	-
1978	.4	-	-	-
1979	.5	-	-	-
1980	.5	-	-	-
1981	.6	-	-	-
FABRICATED METAL PRODUCTS — SIC 34				
1977	4.3	-	-	-
1978	5.0	-	-	-
1979	5.8	-	-	-
1980	5.6	-	-	-
1981	5.7	-	-	-
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	11.3	-	-	-
1978	12.8	-	-	-
1979	14.9	-	-	-
1980	15.7	-	-	-
1981	14.7	-	-	-
OFFICE AND COMPUTING MACHINES — SIC 357				
1977	5.6	-	-	-
1978	6.3	-	-	-
1979	7.5	-	-	-
1980	7.5	-	-	-
1981	6.6	-	-	-
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	12.8	213.27	40.7	5.24
1978	15.8	223.71	40.6	5.51
1979	18.7	226.69	39.7	5.71
1980	21.2	254.06	40.2	6.32
1981	22.9	274.11	39.9	6.87
SAN DIEGO (Con.)				
RADIO AND TV RECEIVING EQUIPMENT — SIC 365				
1977	1.5	-	-	-
1978	1.4	-	-	-
1979	1.7	-	-	-
1980	1.9	-	-	-
1981	1.9	-	-	-
COMMUNICATION EQUIPMENT — SIC 366				
1977	5.2	-	-	-
1978	6.3	-	-	-
1979	7.2	-	-	-
1980	7.7	-	-	-
1981	9.0	-	-	-
ELECTRONIC COMPONENTS AND ACCESSORIES — SIC 367				
1977	4.5	-	-	-
1978	5.9	-	-	-
1979	7.1	-	-	-
1980	8.0	-	-	-
1981	8.3	-	-	-
TRANSPORTATION EQUIPMENT — SIC 37				
1977	23.0	-	-	-
1978	25.5	-	-	-
1979	28.3	-	-	-
1980	30.1	-	-	-
1981	28.7	-	-	-
AIRCRAFT, AND MISSILES — SIC 372,6				
1977	13.8	310.75	41.6	7.47
1978	16.1	332.80	41.6	8.00
1979	19.0	360.82	42.3	8.53
1980	20.0	400.44	41.8	9.58
1981	19.2	446.35	41.1	10.86
INSTRUMENTS AND RELATED PRODUCTS — SIC 38				
1977	5.0	-	-	-
1978	5.9	-	-	-
1979	7.1	-	-	-
1980	7.9	-	-	-
1981	8.4	-	-	-
MEASURING AND CONTROLLING DEVICES — SIC 382				
1977	2.1	-	-	-
1978	2.5	-	-	-
1979	2.8	-	-	-
1980	2.9	-	-	-
1981	3.3	-	-	-
MISC. MANUFACTURING INDUSTRIES — SIC 39				
1977	2.1	-	-	-
1978	2.4	-	-	-
1979	2.6	-	-	-
1980	2.5	-	-	-
1981	2.5	-	-	-
NONDURABLE GOODS				
1977	17.0	208.13	37.3	5.58
1978	19.7	218.68	37.9	5.77
1979	20.7	222.67	35.4	6.29
1980	21.2	255.44	37.4	6.83
1981	21.3	271.20	36.5	7.43
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	4.9	231.48	39.3	5.89
1978	6.2	246.65	40.5	6.09
1979	6.2	230.41	34.7	6.64
1980	6.4	279.17	39.1	7.14
1981	6.6	276.47	35.4	7.81
TEXTILE MILLS, PETROLEUM AND COAL, AND LEATHER — SIC 22,29,31				
1977	.3	-	-	-
1978	.5	-	-	-
1979	.7	-	-	-
1980	.8	-	-	-
1981	1.1	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Production or nonsupervisory workers: Average weekly hours	Production or nonsupervisory workers: Average hourly earnings (dollars)
SAN DIEGO (Con.)				
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	3.6	-	-	-
1978	3.6	-	-	-
1979	3.8	-	-	-
1980	3.8	-	-	-
1981	3.5	-	-	-
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	.4	-	-	-
1978	.5	-	-	-
1979	.5	-	-	-
1980	.4	-	-	-
1981	.3	-	-	-
PRINTING AND PUBLISHING — SIC 27				
1977	5.6	250.66	37.3	6.72
1978	6.5	245.97	35.7	6.89
1979	6.9	247.61	34.2	7.24
1980	7.0	286.74	35.4	8.10
1981	7.0	337.24	37.1	9.09
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	1.3	-	-	-
1978	1.4	-	-	-
1979	1.4	-	-	-
1980	1.5	-	-	-
1981	1.6	-	-	-
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS — SIC 30				
1977	.9	-	-	-
1978	1.1	-	-	-
1979	1.2	-	-	-
1980	1.3	-	-	-
1981	1.3	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	24.1	-	-	-
1978	26.0	-	-	-
1979	28.0	-	-	-
1980	28.7	-	-	-
1981	29.5	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	125.1	-	-	-
1978	139.0	-	-	-
1979	146.4	-	-	-
1980	148.8	-	-	-
1981	151.6	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	19.8	-	-	-
1978	21.7	-	-	-
1979	23.5	-	-	-
1980	24.4	-	-	-
1981	26.0	-	-	-
RETAIL TRADE — SIC 52-59				
1977	105.3	-	-	-
1978	117.3	-	-	-
1979	122.9	-	-	-
1980	124.4	-	-	-
1981	125.6	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	29.8	-	-	-
1978	33.2	-	-	-
1979	37.2	-	-	-
1980	38.7	-	-	-
1981	40.8	-	-	-
FINANCE — SIC 60-62				
1977	15.0	-	-	-
1978	16.5	-	-	-
1979	18.5	-	-	-
1980	19.8	-	-	-
1981	21.0	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Production or nonsupervisory workers: Average weekly hours	Production or nonsupervisory workers: Average hourly earnings (dollars)
SAN DIEGO (Con.)				
INSURANCE, REAL ESTATE, COMBINATION OFFICES, HOLDING AND INVESTMENT COMPANIES — SIC 63-67				
1977	14.8	-	-	-
1978	16.7	-	-	-
1979	18.7	-	-	-
1980	18.9	-	-	-
1981	19.8	-	-	-
SERVICES				
1977	114.5	-	-	-
1978	130.8	-	-	-
1979	142.5	-	-	-
1980	148.2	-	-	-
1981	155.2	-	-	-
GOVERNMENT				
1977	138.7	-	-	-
1978	140.9	-	-	-
1979	138.1	-	-	-
1980	141.2	-	-	-
1981	141.7	-	-	-
FEDERAL GOVERNMENT				
1977	40.0	-	-	-
1978	40.1	-	-	-
1979	40.6	-	-	-
1980	42.1	-	-	-
1981	42.2	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	98.7	-	-	-
1978	100.8	-	-	-
1979	97.6	-	-	-
1980	99.1	-	-	-
1981	99.5	-	-	-
CITY GOVERNMENT				
1977	13.3	-	-	-
1978	13.2	-	-	-
1979	11.6	-	-	-
1980	11.8	-	-	-
1981	11.9	-	-	-
COUNTY GOVERNMENT				
1977	12.5	-	-	-
1978	13.2	-	-	-
1979	12.6	-	-	-
1980	12.9	-	-	-
1981	12.4	-	-	-
SAN FRANCISCO-OAKLAND				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	1,407.3	-	-	-
1978	1,475.5	-	-	-
1979	1,519.1	-	-	-
1980	1,562.6	-	-	-
1981	1,581.5	-	-	-
MINING				
1977	1.9	-	-	-
1978	2.0	-	-	-
1979	2.5	-	-	-
1980	3.4	-	-	-
1981	4.0	-	-	-
CONSTRUCTION				
1977	61.1	-	-	-
1978	68.1	-	-	-
1979	74.8	-	-	-
1980	75.1	-	-	-
1981	75.3	-	-	-
GENERAL BUILDING CONTRACTORS — SIC 15				
1977	18.1	395.14	33.6	11.76
1978	21.1	409.13	32.6	12.55
1979	22.8	446.56	33.4	13.37
1980	21.3	503.28	33.8	14.89
1981	20.2	571.20	34.0	16.80

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Production or nonsupervisory workers: Average weekly hours	Production or nonsupervisory workers: Average hourly earnings (dollars)
SAN FRANCISCO-OAKLAND (Con.)				
HEAVY CONSTRUCTION CONTRACTORS — SIC 16				
1977	16.2	419.92	36.2	11.60
1978	16.9	444.81	36.4	12.22
1979	17.4	478.73	36.6	13.08
1980	19.0	529.98	36.3	14.60
1981	19.7	579.14	34.7	16.69
SPECIAL TRADE CONTRACTORS — SIC 17				
1977	26.9	-	-	-
1978	30.1	-	-	-
1979	34.6	-	-	-
1980	34.8	-	-	-
1981	35.4	-	-	-
PLUMBING, HEATING, AIR CONDITIONING — SIC 171				
1977	-	426.12	34.7	12.28
1978	-	461.86	34.7	13.31
1979	-	492.74	34.7	14.20
1980	-	525.93	33.8	15.56
1981	-	628.90	33.1	19.00
PAINTING, PAPER HANGING, DECORATING — SIC 172				
1977	-	387.69	31.7	12.23
1978	-	389.58	30.2	12.90
1979	-	401.47	28.8	13.94
1980	-	472.52	28.9	16.35
1981	-	556.67	29.5	18.87
ELECTRICAL WORK — SIC 173				
1977	-	456.49	34.4	13.27
1978	-	505.11	33.9	14.90
1979	-	572.85	34.2	16.75
1980	-	628.94	34.2	18.39
1981	-	703.30	33.3	21.12
MASONRY, STONEWORK, AND PLASTERING — SIC 174				
1977	-	369.68	32.4	11.41
1978	-	381.26	31.2	12.22
1979	-	406.59	31.3	12.99
1980	-	456.96	32.0	14.28
1981	-	509.62	30.7	16.60
MANUFACTURING				
1977	190.7	291.67	39.9	7.31
1978	199.2	310.44	39.8	7.80
1979	204.9	333.32	39.4	8.46
1980	202.3	361.03	39.2	9.21
1981	200.2	406.36	39.3	10.34
DURABLE GOODS				
1977	94.9	311.30	40.8	7.63
1978	101.0	327.24	40.5	8.08
1979	104.2	346.18	39.7	8.72
1980	100.8	375.48	39.4	9.53
1981	97.5	423.94	39.4	10.76
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	1.8	266.12	40.2	6.62
1978	2.0	286.82	40.8	7.03
1979	2.1	316.01	39.8	7.94
1980	2.1	340.95	39.1	8.72
1981	2.0	368.63	40.2	9.17
FURNITURE AND FIXTURES — SIC 25				
1977	3.6	259.05	40.1	6.46
1978	3.7	275.12	39.7	6.93
1979	3.7	310.47	39.3	7.90
1980	3.6	334.07	38.8	8.61
1981	3.6	374.42	38.6	9.70
HOUSEHOLD FURNITURE — SIC 251				
1977	2.4	230.11	40.3	5.71
1978	2.3	245.60	40.0	6.14
1979	2.1	280.59	39.8	7.05
1980	2.0	294.62	39.6	7.44
1981	1.9	325.58	39.9	8.16

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
SAN FRANCISCO-OAKLAND (Con.)				
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	6.4	296.80	40.0	7.42
1978	6.8	338.35	42.4	7.98
1979	7.5	355.52	41.1	8.65
1980	6.9	383.11	40.2	9.53
1981	6.4	425.81	39.5	10.78
PRIMARY METAL INDUSTRIES — SIC 33				
1977	12.5	306.54	39.2	7.82
1978	12.6	330.34	39.8	8.30
1979	12.5	356.29	39.5	9.02
1980	12.6	389.87	39.5	9.87
1981	12.4	435.63	39.0	11.17
IRON AND STEEL FOUNDRIES — SIC 332				
1977	1.8	257.79	39.0	6.61
1978	1.8	292.32	40.6	7.20
1979	1.8	317.60	39.9	7.96
1980	1.6	334.11	39.4	8.48
1981	1.7	375.77	40.8	9.21
FABRICATED METAL PRODUCTS — SIC 34				
1977	18.0	338.00	40.0	8.45
1978	18.6	354.71	39.5	8.98
1979	18.9	384.34	39.5	9.73
1980	18.6	429.37	39.5	10.87
1981	17.9	489.54	39.8	12.30
FABRICATED STRUCTURAL METAL PRODUCTS — SIC 344				
1977	6.4	325.08	37.8	8.60
1978	7.3	340.23	38.1	8.93
1979	7.8	361.37	37.8	9.56
1980	7.8	405.22	37.8	10.72
1981	7.5	487.80	38.5	12.67
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	17.3	316.47	41.1	7.70
1978	18.5	338.16	41.8	8.09
1979	18.5	360.19	40.2	8.96
1980	17.2	386.90	39.2	9.87
1981	16.5	458.20	39.5	11.60
CONSTRUCTION AND RELATED MACHINERY — SIC 353				
1977	1.5	329.87	39.6	8.33
1978	1.6	341.25	38.3	8.91
1979	1.8	376.87	38.3	9.84
1980	1.6	397.44	36.8	10.80
1981	1.8	463.14	37.9	12.22
GENERAL INDUSTRIAL MACHINERY — SIC 356				
1977	2.2	304.55	38.6	7.89
1978	2.2	343.31	40.2	8.54
1979	2.3	367.35	39.8	9.23
1980	2.2	416.24	40.1	10.38
1981	2.2	466.80	38.9	12.00
OFFICE AND COMPUTING MACHINES — SIC 357				
1977	4.2	–	–	–
1978	4.8	–	–	–
1979	4.2	–	–	–
1980	4.1	–	–	–
1981	3.7	–	–	–
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	13.7	245.43	40.5	6.06
1978	15.4	264.27	41.1	6.43
1979	16.9	287.58	41.2	6.98
1980	18.0	313.03	40.6	7.71
1981	17.7	332.09	40.4	8.22
RADIO, TV, COMMUNICATION EQUIPMENT, AND ELECTRONIC COMPONENTS — SIC 365-7				
1977	10.8	–	–	–
1978	12.3	–	–	–
1979	13.3	–	–	–
1980	14.4	–	–	–
1981	14.1	–	–	–

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
SAN FRANCISCO-OAKLAND (Con.)				
TRANSPORTATION EQUIPMENT — SIC 37				
1977	14.6	370.16	43.6	8.49
1978	15.8	367.84	40.6	9.06
1979	15.0	378.87	38.7	9.79
1980	12.2	414.95	38.6	10.75
1981	11.5	483.49	38.1	12.69
MOTOR VEHICLES AND EQUIPMENT — SIC 371				
1977	9.6	380.25	45.0	8.45
1978	10.8	374.51	41.2	9.09
1979	9.9	380.44	38.9	9.78
1980	6.7	399.92	37.8	10.58
1981	6.8	476.71	38.6	12.35
AIRCRAFT AND PARTS — SIC 372				
1977	.2	–	–	–
1978	.4	–	–	–
1979	.4	–	–	–
1980	.4	–	–	–
1981	.5	–	–	–
SHIP AND BOAT BUILDING AND REPAIRING — SIC 373				
1977	4.3	359.63	41.1	8.75
1978	4.0	362.60	39.2	9.25
1979	4.2	385.95	38.1	10.13
1980	4.7	448.41	39.3	11.41
1981	3.9	500.24	37.0	13.52
INSTRUMENTS AND RELATED PRODUCTS — SIC 38				
1977	4.1	234.63	39.7	5.91
1978	4.3	254.08	39.7	6.40
1979	5.4	273.83	39.4	6.95
1980	5.9	305.56	40.1	7.62
1981	6.0	334.14	40.6	8.23
MEASURING AND CONTROLLING DEVICES — SIC 382				
1977	1.3	–	–	–
1978	1.2	–	–	–
1979	1.8	–	–	–
1980	2.0	–	–	–
1981	2.0	–	–	–
MISC. MANUFACTURING INDUSTRIES — SIC 39				
1977	2.9	201.88	38.6	5.23
1978	3.4	201.76	35.9	5.62
1979	3.7	205.57	35.2	5.84
1980	3.8	225.79	36.3	6.22
1981	3.7	250.61	37.8	6.63
NONDURABLE GOODS				
1977	95.8	269.97	38.9	6.94
1978	98.2	291.69	39.1	7.46
1979	100.7	317.88	39.1	8.13
1980	101.5	343.88	38.9	8.84
1981	102.7	387.50	39.3	9.86
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	29.4	278.00	40.0	6.95
1978	29.1	299.60	40.0	7.49
1979	28.9	330.40	40.0	8.26
1980	29.0	366.03	39.7	9.22
1981	28.3	409.05	40.5	10.10
PRESERVED FRUITS AND VEGETABLES — SIC 203				
1977	6.5	249.02	40.1	6.21
1978	5.9	262.81	39.7	6.62
1979	5.6	274.92	39.5	6.96
1980	5.4	312.35	40.2	7.77
1981	5.1	361.92	41.6	8.70
BAKERY PRODUCTS — SIC 205				
1977	5.7	286.48	37.4	7.66
1978	5.6	316.09	37.9	8.34
1979	5.5	341.51	38.2	8.94
1980	5.6	356.59	37.3	9.56
1981	5.4	382.70	37.3	10.26

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
SAN FRANCISCO-OAKLAND (Con.)				
BEVERAGES — SIC 208				
1977	2.8	306.40	40.0	7.66
1978	3.0	328.78	39.9	8.24
1979	3.1	362.23	40.7	8.90
1980	3.3	386.72	40.2	9.62
1981	3.4	423.86	40.1	10.57
CANNED, CURED, AND FROZEN SEAFOODS — SIC 2091,2				
1977	.1	–	–	–
1978	.1	–	–	–
1979	.1	–	–	–
1980	.1	–	–	–
1981	.1	–	–	–
TEXTILE MILL PRODUCTS — SIC 22				
1977	.5	175.12	39.8	4.40
1978	.5	189.59	38.3	4.95
1979	.5	227.15	41.3	5.50
1980	.5	224.22	39.2	5.72
1981	.5	248.14	39.2	6.33
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	12.3	152.59	34.6	4.41
1978	13.3	163.45	35.0	4.67
1979	14.4	175.95	34.5	5.10
1980	14.7	200.52	36.0	5.57
1981	15.6	221.07	36.3	6.09
MEN'S AND BOYS' FURNISHINGS — SIC 232				
1977	1.9	136.52	37.2	3.67
1978	2.0	140.79	36.1	3.90
1979	2.2	160.76	37.3	4.31
1980	2.6	177.00	37.5	4.72
1981	2.9	189.19	35.9	5.27
WOMEN'S AND MISSES' OUTERWEAR — SIC 233				
1977	8.4	148.28	33.7	4.40
1978	9.1	160.06	34.2	4.68
1979	9.7	173.20	33.5	5.17
1980	9.7	197.05	35.0	5.63
1981	10.1	221.60	35.8	6.19
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	7.7	291.10	40.6	7.17
1978	7.0	311.36	40.7	7.65
1979	6.4	340.27	40.8	8.34
1980	6.5	362.69	39.9	9.09
1981	5.9	402.70	40.8	9.87
PULP, PAPER, AND PAPERBOARD MILLS — SIC 261-3,6				
1977	2.5	–	–	–
1978	2.0	–	–	–
1979	1.2	–	–	–
1980	1.0	–	–	–
1981	.9	–	–	–
MISC. CONVERTED PAPER PRODUCTS — SIC 264				
1977	2.4	247.50	39.6	6.25
1978	2.3	263.03	39.2	6.71
1979	2.3	294.79	41.0	7.19
1980	2.4	316.00	40.0	7.90
1981	2.2	352.00	40.0	8.80
PAPERBOARD CONTAINERS AND BOXES — SIC 265				
1977	2.8	285.51	40.1	7.12
1978	2.7	313.59	41.1	7.63
1979	3.0	342.10	40.2	8.51
1980	3.1	352.68	39.1	9.02
1981	2.9	398.12	40.5	9.83
PRINTING AND PUBLISHING — SIC 27				
1977	18.3	310.00	36.3	8.54
1978	19.1	340.59	36.9	9.23
1979	20.4	372.13	37.4	9.95
1980	21.2	389.09	36.5	10.66
1981	21.6	428.97	36.2	11.85

See footnotes at end of tables.

CALIFORNIA

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
SAN FRANCISCO-OAKLAND (Con.)				
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	14.7	300.92	40.5	7.43
1978	15.3	325.22	40.5	8.03
1979	16.0	356.65	40.9	8.72
1980	15.7	390.32	41.0	9.52
1981	15.7	437.13	40.4	10.82
INDUSTRIAL INORGANIC CHEMICALS — SIC 281				
1977	2.1	317.18	41.3	7.68
1978	2.0	342.78	41.2	8.32
1979	2.0	383.31	41.8	9.17
1980	2.2	418.18	41.2	10.15
1981	2.4	460.63	40.3	11.43
PAINTS AND ALLIED PRODUCTS — SIC 285				
1977	2.2	293.87	41.1	7.15
1978	2.2	314.23	41.4	7.59
1979	2.2	340.70	40.9	8.33
1980	2.1	360.60	40.7	8.86
1981	2.1	401.58	40.4	9.94
PETROLEUM AND COAL PRODUCTS — SIC 29				
1977	8.9	356.56	42.6	8.37
1978	9.4	387.64	44.1	8.79
1979	9.7	418.07	43.1	9.70
1980	9.4	438.68	42.1	10.42
1981	10.7	528.63	44.2	11.96
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS — SIC 30				
1977	3.5	217.71	39.8	5.47
1978	3.9	234.18	40.1	5.84
1979	4.0	260.16	41.1	6.33
1980	4.2	280.43	41.3	6.79
1981	4.1	296.43	41.0	7.23
LEATHER AND LEATHER PRODUCTS — SIC 31				
1977	.6	225.52	40.2	5.61
1978	.6	239.80	39.9	6.01
1979	.5	255.84	39.3	6.51
1980	.3	285.53	40.5	7.05
1981	.4	316.00	39.5	8.00
TRANSPORTATION AND PUBLIC UTILITIES				
1977	120.0	-	-	-
1978	123.9	-	-	-
1979	126.0	-	-	-
1980	130.0	-	-	-
1981	130.8	-	-	-
TRANSPORTATION — SIC 40-42,44-47				
1977	76.7	-	-	-
1978	78.7	-	-	-
1979	78.1	-	-	-
1980	80.1	-	-	-
1981	77.7	-	-	-
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	43.3	-	-	-
1978	45.1	-	-	-
1979	47.9	-	-	-
1980	49.9	-	-	-
1981	53.1	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	321.6	-	-	-
1978	339.9	-	-	-
1979	351.2	-	-	-
1980	360.2	-	-	-
1981	363.5	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	94.5	278.39	39.1	7.12
1978	97.0	304.97	39.3	7.76
1979	100.1	320.88	38.8	8.27
1980	102.5	355.20	38.4	9.25
1981	103.8	388.16	38.7	10.03
SAN FRANCISCO-OAKLAND (Con.)				
RETAIL TRADE — SIC 52-59				
1977	227.2	-	-	-
1978	242.8	-	-	-
1979	251.1	-	-	-
1980	257.7	-	-	-
1981	259.7	-	-	-
RETAIL TRADE, EXCEPT EATING AND DRINKING PLACES — SIC 52-57,59				
1977	-	213.06	35.1	6.07
1978	-	237.65	35.0	6.79
1979	-	255.38	34.7	7.36
1980	-	260.80	32.6	8.00
1981	-	262.75	32.2	8.16
FINANCE, INSURANCE, AND REAL ESTATE				
1977	122.5	-	-	-
1978	132.4	-	-	-
1979	139.9	-	-	-
1980	146.3	-	-	-
1981	150.6	-	-	-
FINANCE — SIC 60-62				
1977	58.4	-	-	-
1978	63.1	-	-	-
1979	67.5	-	-	-
1980	72.6	-	-	-
1981	76.9	-	-	-
INSURANCE, REAL ESTATE, COMBINATION OFFICES, HOLDING AND INVESTMENT COMPANIES — SIC 63-67				
1977	64.1	-	-	-
1978	69.3	-	-	-
1979	72.4	-	-	-
1980	73.7	-	-	-
1981	73.7	-	-	-
SERVICES				
1977	294.9	-	-	-
1978	316.0	-	-	-
1979	337.1	-	-	-
1980	354.1	-	-	-
1981	370.4	-	-	-
GOVERNMENT				
1977	294.5	-	-	-
1978	294.1	-	-	-
1979	286.1	-	-	-
1980	291.1	-	-	-
1981	286.6	-	-	-
FEDERAL GOVERNMENT				
1977	65.0	-	-	-
1978	66.0	-	-	-
1979	67.3	-	-	-
1980	69.2	-	-	-
1981	67.3	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	229.5	-	-	-
1978	228.2	-	-	-
1979	218.8	-	-	-
1980	222.0	-	-	-
1981	219.3	-	-	-
CITY GOVERNMENT				
1977	43.5	-	-	-
1978	44.3	-	-	-
1979	42.3	-	-	-
1980	41.3	-	-	-
1981	41.0	-	-	-
COUNTY GOVERNMENT				
1977	24.1	-	-	-
1978	23.7	-	-	-
1979	22.4	-	-	-
1980	22.7	-	-	-
1981	22.6	-	-	-
SAN JOSE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	536.5	-	-	-
1978	584.8	-	-	-
1979	636.8	-	-	-
1980	675.4	-	-	-
1981	691.1	-	-	-
MINING				
1977	.1	-	-	-
1978	.1	-	-	-
1979	.2	-	-	-
1980	.2	-	-	-
1981	.1	-	-	-
CONSTRUCTION				
1977	21.9	-	-	-
1978	22.9	-	-	-
1979	26.2	-	-	-
1980	26.1	-	-	-
1981	24.4	-	-	-
MANUFACTURING				
1977	173.4	260.18	40.4	6.44
1978	196.7	276.34	40.4	6.84
1979	224.9	297.19	40.6	7.32
1980	243.0	323.18	39.8	8.12
1981	247.2	354.31	39.9	8.88
DURABLE GOODS				
1977	147.4	264.79	40.8	6.49
1978	170.5	278.26	40.8	6.82
1979	197.0	297.66	41.0	7.26
1980	214.5	323.61	40.1	8.07
1981	219.4	357.46	40.3	8.87
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	.7	-	-	-
1978	.9	-	-	-
1979	.9	-	-	-
1980	1.2	-	-	-
1981	1.2	-	-	-
FURNITURE AND FIXTURES — SIC 25				
1977	.8	-	-	-
1978	1.0	-	-	-
1979	1.0	-	-	-
1980	1.1	-	-	-
1981	1.0	-	-	-
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	2.9	290.34	41.3	7.03
1978	3.1	330.84	41.2	8.03
1979	3.4	365.89	40.7	8.99
1980	3.4	410.45	40.8	10.06
1981	3.4	443.35	40.6	10.92
PRIMARY METAL INDUSTRIES — SIC 33				
1977	.8	-	-	-
1978	.9	-	-	-
1979	.8	-	-	-
1980	.9	-	-	-
1981	.8	-	-	-
FABRICATED METAL PRODUCTS — SIC 34				
1977	13.2	276.22	40.8	6.77
1978	14.3	285.07	40.9	6.97
1979	15.1	319.61	41.4	7.72
1980	15.9	362.74	40.9	8.82
1981	15.8	387.73	40.9	9.48
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	34.2	260.40	40.0	6.51
1978	41.9	268.37	39.7	6.76
1979	50.0	280.70	40.1	7.00
1980	54.5	301.85	39.1	7.72
1981	55.0	330.00	40.0	8.25

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
SAN JOSE (Con.)				
OFFICE AND COMPUTING MACHINES — SIC 357				
1977	27.2	-	-	-
1978	34.0	-	-	-
1979	40.8	-	-	-
1980	45.0	-	-	-
1981	46.0	-	-	-
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	56.3	225.36	40.1	5.62
1978	65.4	236.16	40.3	5.86
1979	78.2	260.48	40.7	6.40
1980	86.7	289.67	39.9	7.26
1981	86.1	316.81	39.9	7.94
RADIO AND TV RECEIVING EQUIPMENT — SIC 365				
1977	1.3	-	-	-
1978	1.1	-	-	-
1979	.9	-	-	-
1980	.8	-	-	-
1981	.8	-	-	-
COMMUNICATION EQUIPMENT — SIC 366				
1977	7.0	-	-	-
1978	9.1	-	-	-
1979	11.8	-	-	-
1980	13.5	-	-	-
1981	14.1	-	-	-
ELECTRONIC COMPONENTS AND ACCESSORIES — SIC 367				
1977	42.4	-	-	-
1978	49.7	-	-	-
1979	59.9	-	-	-
1980	66.6	-	-	-
1981	65.3	-	-	-
TRANSPORTATION EQUIPMENT — SIC 37				
1977	19.5	-	-	-
1978	20.7	-	-	-
1979	22.5	-	-	-
1980	22.3	-	-	-
1981	23.2	-	-	-
MOTOR VEHICLES AND EQUIPMENT — SIC 371				
1977	3.2	-	-	-
1978	3.8	-	-	-
1979	4.2	-	-	-
1980	2.2	-	-	-
1981	1.9	-	-	-
GUIDED MISSILES, SPACE VEHICLES, PARTS — SIC 376				
1977	16.0	-	-	-
1978	16.4	-	-	-
1979	17.7	-	-	-
1980	19.6	-	-	-
1981	20.9	-	-	-
INSTRUMENTS AND RELATED PRODUCTS — SIC 38				
1977	16.8	-	-	-
1978	19.2	-	-	-
1979	22.3	-	-	-
1980	25.5	-	-	-
1981	28.3	-	-	-
MISC. MANUFACTURING INDUSTRIES — SIC 39				
1977	2.3	-	-	-
1978	3.2	-	-	-
1979	2.7	-	-	-
1980	3.0	-	-	-
1981	4.7	-	-	-
NONDURABLE GOODS				
1977	26.0	245.78	39.2	6.27
1978	26.3	268.58	38.7	6.94
1979	27.9	297.57	39.0	7.63
1980	28.6	321.09	38.5	8.34
1981	27.7	340.23	38.1	8.93
SAN JOSE (Con.)				
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	13.4	-	-	-
1978	12.8	-	-	-
1979	13.5	-	-	-
1980	13.1	-	-	-
1981	11.6	-	-	-
FOOD AND KINDRED PRODUCTS, EXCEPT PRESERVED FRUITS AND VEGETABLES — SIC 201,2,4-9				
1977	4.8	-	-	-
1978	4.9	-	-	-
1979	4.7	-	-	-
1980	4.6	-	-	-
1981	4.8	-	-	-
PRESERVED FRUITS AND VEGETABLES — SIC 203				
1977	8.7	226.89	40.3	5.63
1978	7.9	247.67	39.5	6.27
1979	8.8	288.36	40.5	7.12
1980	8.5	301.32	39.7	7.59
1981	6.8	320.05	38.7	8.27
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	1.7	-	-	-
1978	1.8	-	-	-
1979	2.0	-	-	-
1980	2.0	-	-	-
1981	2.2	-	-	-
PRINTING AND PUBLISHING — SIC 27				
1977	5.5	-	-	-
1978	6.0	-	-	-
1979	6.1	-	-	-
1980	6.4	-	-	-
1981	6.5	-	-	-
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	2.3	-	-	-
1978	2.5	-	-	-
1979	2.8	-	-	-
1980	3.6	-	-	-
1981	4.2	-	-	-
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS — SIC 30				
1977	2.3	-	-	-
1978	2.3	-	-	-
1979	2.8	-	-	-
1980	2.7	-	-	-
1981	2.6	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	18.4	-	-	-
1978	19.7	-	-	-
1979	21.1	-	-	-
1980	21.7	-	-	-
1981	22.5	-	-	-
TRANSPORTATION — SIC 40-42,44-47				
1977	7.9	-	-	-
1978	8.8	-	-	-
1979	9.4	-	-	-
1980	9.5	-	-	-
1981	9.3	-	-	-
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	10.5	-	-	-
1978	10.8	-	-	-
1979	11.7	-	-	-
1980	12.2	-	-	-
1981	13.2	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	102.6	-	-	-
1978	111.0	-	-	-
1979	118.4	-	-	-
1980	125.2	-	-	-
1981	129.5	-	-	-
SAN JOSE (Con.)				
WHOLESALE TRADE — SIC 50,51				
1977	21.4	-	-	-
1978	23.5	-	-	-
1979	26.4	-	-	-
1980	29.6	-	-	-
1981	31.2	-	-	-
RETAIL TRADE — SIC 52-59				
1977	81.2	-	-	-
1978	87.6	-	-	-
1979	92.0	-	-	-
1980	95.6	-	-	-
1981	98.2	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	21.6	-	-	-
1978	23.5	-	-	-
1979	25.8	-	-	-
1980	27.6	-	-	-
1981	28.7	-	-	-
FINANCE — SIC 60-62				
1977	9.8	-	-	-
1978	10.5	-	-	-
1979	11.8	-	-	-
1980	12.8	-	-	-
1981	13.7	-	-	-
INSURANCE, REAL ESTATE, COMBINATION OFFICES, HOLDING AND INVESTMENT COMPANIES — SIC 63-67				
1977	11.8	-	-	-
1978	13.0	-	-	-
1979	14.0	-	-	-
1980	14.8	-	-	-
1981	15.0	-	-	-
SERVICES				
1977	118.9	-	-	-
1978	130.5	-	-	-
1979	141.5	-	-	-
1980	151.7	-	-	-
1981	158.7	-	-	-
GOVERNMENT				
1977	79.7	-	-	-
1978	80.5	-	-	-
1979	78.9	-	-	-
1980	79.9	-	-	-
1981	80.1	-	-	-
FEDERAL GOVERNMENT				
1977	9.3	-	-	-
1978	9.7	-	-	-
1979	9.8	-	-	-
1980	10.5	-	-	-
1981	9.9	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	70.4	-	-	-
1978	70.8	-	-	-
1979	69.1	-	-	-
1980	69.5	-	-	-
1981	70.2	-	-	-
CITY GOVERNMENT				
1977	9.4	-	-	-
1978	9.5	-	-	-
1979	9.0	-	-	-
1980	9.1	-	-	-
1981	9.2	-	-	-
COUNTY GOVERNMENT				
1977	11.9	-	-	-
1978	12.6	-	-	-
1979	12.5	-	-	-
1980	12.3	-	-	-
1981	12.3	-	-	-

See footnotes at end of tables.

CALIFORNIA

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
SANTA BARBARA-SANTA MARIA-LOMPOC				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	106.1	–	–	–
1978	113.1	–	–	–
1979	118.6	–	–	–
1980	120.6	–	–	–
1981	123.6	–	–	–
MINING				
1977	1.0	–	–	–
1978	1.1	–	–	–
1979	1.2	–	–	–
1980	1.5	–	–	–
1981	1.6	–	–	–
CONSTRUCTION				
1977	4.2	–	–	–
1978	4.9	–	–	–
1979	5.2	–	–	–
1980	5.0	–	–	–
1981	4.9	–	–	–
MANUFACTURING				
1977	13.7	213.19	39.7	5.37
1978	14.9	224.91	37.8	5.95
1979	16.8	239.36	37.4	6.40
1980	16.8	263.41	37.9	6.95
1981	17.8	295.68	38.4	7.70
DURABLE GOODS				
1977	10.2	215.06	39.9	5.39
1978	11.2	231.28	39.2	5.90
1979	12.8	245.80	37.7	6.52
1980	13.3	271.43	38.5	7.05
1981	13.8	305.75	38.9	7.86
LUMBER, AND FURNITURE — SIC 24,25				
1977	.2	–	–	–
1978	.2	–	–	–
1979	.3	–	–	–
1980	.3	–	–	–
1981	.4	–	–	–
PRIMARY AND FABRICATED METALS — SIC 33,34				
1977	.4	–	–	–
1978	.5	–	–	–
1979	.7	–	–	–
1980	.7	–	–	–
1981	.7	–	–	–
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	1.2	–	–	–
1978	1.3	–	–	–
1979	1.5	–	–	–
1980	1.7	–	–	–
1981	1.6	–	–	–
ELECTRIC AND ELECTRONIC FQUIPMENT — SIC 36				
1977	3.7	–	–	–
1978	4.1	–	–	–
1979	4.0	–	–	–
1980	4.4	–	–	–
1981	4.4	–	–	–
RADIO, TV, COMMUNICATION FQUIPMENT, AND ELECTRONIC COMPONENTS — SIC 365-7				
1977	3.3	–	–	–
1978	3.5	–	–	–
1979	3.5	–	–	–
1980	3.7	–	–	–
1981	3.8	–	–	–
TRANSPORTATION EQUIPMENT — SIC 37				
1977	2.0	–	–	–
1978	2.2	–	–	–
1979	3.0	–	–	–
1980	3.1	–	–	–
1981	3.6	–	–	–

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
SANTA BARBARA-SANTA MARIA-LOMPOC (Con.)				
NONDURABLE GOODS				
1977	3.5	207.48	39.0	5.32
1978	3.8	211.31	37.4	5.65
1979	4.1	223.87	36.7	6.10
1980	3.5	240.67	36.3	6.63
1981	4.0	263.51	36.7	7.18
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	1.6	–	–	–
1978	1.7	–	–	–
1979	1.9	–	–	–
1980	1.5	–	–	–
1981	1.4	–	–	–
PAPER, AND PRINTING AND PUBLISHING — SIC 26,27				
1977	1.3	–	–	–
1978	1.4	–	–	–
1979	1.4	–	–	–
1980	1.3	–	–	–
1981	1.6	–	–	–
TRANSPORTATION AND PUBLIC UTILITIES				
1977	4.0	–	–	–
1978	4.3	–	–	–
1979	4.6	–	–	–
1980	5.1	–	–	–
1981	5.3	–	–	–
TRANSPORTATION — SIC 40-42,44-47				
1977	2.0	–	–	–
1978	2.2	–	–	–
1979	2.3	–	–	–
1980	2.5	–	–	–
1981	2.6	–	–	–
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	2.0	–	–	–
1978	2.1	–	–	–
1979	2.3	–	–	–
1980	2.6	–	–	–
1981	2.7	–	–	–
WHOLESALE AND RETAIL TRADE				
1977	26.4	–	–	–
1978	28.3	–	–	–
1979	29.3	–	–	–
1980	29.1	–	–	–
1981	29.3	–	–	–
WHOLESALE TRADE — SIC 50,51				
1977	3.9	–	–	–
1978	3.9	–	–	–
1979	3.9	–	–	–
1980	4.0	–	–	–
1981	4.1	–	–	–
RETAIL TRADE — SIC 52-59				
1977	22.5	–	–	–
1978	24.4	–	–	–
1979	25.3	–	–	–
1980	25.1	–	–	–
1981	25.2	–	–	–
FINANCE, INSURANCE, AND REAL ESTATE				
1977	4.6	–	–	–
1978	5.1	–	–	–
1979	5.4	–	–	–
1980	5.7	–	–	–
1981	5.9	–	–	–
FINANCE — SIC 60-62				
1977	2.4	–	–	–
1978	2.5	–	–	–
1979	2.8	–	–	–
1980	2.9	–	–	–
1981	2.9	–	–	–

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
SANTA BARBARA-SANTA MARIA-LOMPOC (Con.)				
INSURANCE, REAL ESTATE, COMBINATION OFFICES, HOLDING AND INVESTMENT COMPANIES — SIC 63-67				
1977	2.2	–	–	–
1978	2.5	–	–	–
1979	2.6	–	–	–
1980	2.7	–	–	–
1981	3.0	–	–	–
SERVICES				
1977	26.4	–	–	–
1978	29.6	–	–	–
1979	31.8	–	–	–
1980	32.9	–	–	–
1981	33.9	–	–	–
GOVERNMENT				
1977	25.8	–	–	–
1978	25.0	–	–	–
1979	24.3	–	–	–
1980	24.6	–	–	–
1981	24.8	–	–	–
FEDERAL GOVERNMENT				
1977	3.7	–	–	–
1978	3.7	–	–	–
1979	3.9	–	–	–
1980	4.0	–	–	–
1981	3.9	–	–	–
STATE AND LOCAL GOVERNMENT				
1977	22.1	–	–	–
1978	21.3	–	–	–
1979	20.4	–	–	–
1980	20.6	–	–	–
1981	21.0	–	–	–
CITY GOVERNMENT				
1977	1.8	–	–	–
1978	1.8	–	–	–
1979	1.7	–	–	–
1980	1.8	–	–	–
1981	1.8	–	–	–
COUNTY GOVERNMENT				
1977	3.7	–	–	–
1978	3.4	–	–	–
1979	3.3	–	–	–
1980	3.4	–	–	–
1981	3.5	–	–	–
SANTA ROSA				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	75.7	–	–	–
1978	83.0	–	–	–
1979	89.1	–	–	–
1980	93.2	–	–	–
1981	95.4	–	–	–
MINING				
1977	.3	–	–	–
1978	.4	–	–	–
1979	.4	–	–	–
1980	.5	–	–	–
1981	.5	–	–	–
CONSTRUCTION				
1977	4.3	–	–	–
1978	5.1	–	–	–
1979	6.3	–	–	–
1980	5.7	–	–	–
1981	5.5	–	–	–
MANUFACTURING				
1977	10.8	220.02	38.0	5.79
1978	12.6	232.99	37.7	6.18
1979	14.3	251.08	38.1	6.59
1980	15.0	272.03	38.1	7.14
1981	15.3	299.15	38.8	7.71

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
SANTA ROSA (Con.)				
DURABLE GOODS				
1977	7.1	235.24	38.5	6.11
1978	8.5	249.48	38.5	6.48
1979	9.6	267.42	38.7	6.91
1980	10.2	282.65	38.3	7.38
1981	10.2	308.50	39.2	7.87
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	2.0	-	-	-
1978	2.1	-	-	-
1979	2.2	-	-	-
1980	2.0	-	-	-
1981	1.8	-	-	-
PRIMARY AND FABRICATED METALS — SIC 33,34				
1977	.4	-	-	-
1978	.4	-	-	-
1979	.6	-	-	-
1980	.6	-	-	-
1981	.5	-	-	-
MACHINERY, AND INSTRUMENTS — SIC 35,36,38				
1977	3.7	-	-	-
1978	4.7	-	-	-
1979	5.5	-	-	-
1980	6.4	-	-	-
1981	6.7	-	-	-
NONDURABLE GOODS				
1977	3.7	187.45	36.9	5.08
1978	4.1	199.44	36.0	5.54
1979	4.7	217.49	36.8	5.91
1980	4.8	246.75	37.5	6.58
1981	5.1	277.78	38.0	7.31
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	2.2	-	-	-
1978	2.5	-	-	-
1979	2.9	-	-	-
1980	3.1	-	-	-
1981	3.4	-	-	-
FOOD PROCESSING, EXCEPT CANNED, CURED, AND FROZEN FOODS — SIC 201,2,4-8,2095,7-9				
1977	1.6	-	-	-
1978	1.8	-	-	-
1979	2.1	-	-	-
1980	2.4	-	-	-
1981	2.6	-	-	-
CANNED, CURED, AND FROZEN FOODS — SIC 203,2091,2				
1977	.6	-	-	-
1978	.7	-	-	-
1979	.8	-	-	-
1980	.8	-	-	-
1981	.8	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	3.7	-	-	-
1978	4.0	-	-	-
1979	4.2	-	-	-
1980	4.6	-	-	-
1981	4.9	-	-	-
TRANSPORTATION — SIC 40-42,44-47				
1977	1.4	-	-	-
1978	1.5	-	-	-
1979	1.6	-	-	-
1980	1.6	-	-	-
1981	1.8	-	-	-
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	2.3	-	-	-
1978	2.5	-	-	-
1979	2.6	-	-	-
1980	2.9	-	-	-
1981	3.1	-	-	-
SANTA ROSA (Con.)				
WHOLESALE AND RETAIL TRADE				
1977	18.0	-	-	-
1978	20.2	-	-	-
1979	21.4	-	-	-
1980	22.6	-	-	-
1981	23.3	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	3.0	-	-	-
1978	3.3	-	-	-
1979	3.4	-	-	-
1980	3.5	-	-	-
1981	3.7	-	-	-
RETAIL TRADE — SIC 52-59				
1977	15.0	-	-	-
1978	16.9	-	-	-
1979	18.0	-	-	-
1980	19.1	-	-	-
1981	19.6	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	4.4	-	-	-
1978	5.0	-	-	-
1979	5.5	-	-	-
1980	5.8	-	-	-
1981	6.0	-	-	-
FINANCE — SIC 60-62				
1977	1.7	-	-	-
1978	2.0	-	-	-
1979	2.2	-	-	-
1980	2.4	-	-	-
1981	2.5	-	-	-
INSURANCE, REAL ESTATE, COMBINATION OFFICES, HOLDING AND INVESTMENT COMPANIES — SIC 63-67				
1977	2.7	-	-	-
1978	3.0	-	-	-
1979	3.2	-	-	-
1980	3.4	-	-	-
1981	3.5	-	-	-
SERVICES				
1977	14.5	-	-	-
1978	16.1	-	-	-
1979	17.4	-	-	-
1980	18.9	-	-	-
1981	20.2	-	-	-
GOVERNMENT				
1977	19.7	-	-	-
1978	19.6	-	-	-
1979	19.6	-	-	-
1980	20.1	-	-	-
1981	19.7	-	-	-
FEDERAL GOVERNMENT				
1977	1.1	-	-	-
1978	1.1	-	-	-
1979	1.2	-	-	-
1980	1.3	-	-	-
1981	1.2	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	18.6	-	-	-
1978	18.5	-	-	-
1979	18.5	-	-	-
1980	18.8	-	-	-
1981	18.5	-	-	-
CITY GOVERNMENT				
1977	1.3	-	-	-
1978	1.3	-	-	-
1979	1.3	-	-	-
1980	1.3	-	-	-
1981	1.4	-	-	-
SANTA ROSA (Con.)				
COUNTY GOVERNMENT				
1977	3.6	-	-	-
1978	3.7	-	-	-
1979	3.7	-	-	-
1980	3.9	-	-	-
1981	3.7	-	-	-
STOCKTON				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	107.0	-	-	-
1978	113.2	-	-	-
1979	118.4	-	-	-
1980	118.6	-	-	-
1981	122.2	-	-	-
MINING				
1977	.1	-	-	-
1978	.1	-	-	-
1979	.1	-	-	-
1980	.1	-	-	-
1981	.1	-	-	-
CONSTRUCTION				
1977	4.7	-	-	-
1978	5.7	-	-	-
1979	6.3	-	-	-
1980	5.9	-	-	-
1981	5.8	-	-	-
MANUFACTURING				
1977	19.6	265.73	39.9	6.66
1978	20.1	281.95	39.6	7.12
1979	21.6	300.17	39.6	7.58
1980	21.0	326.67	39.5	8.27
1981	22.3	353.53	39.5	8.95
DURABLE GOODS				
1977	7.9	266.53	40.2	6.63
1978	8.6	284.00	40.0	7.10
1979	9.3	303.96	40.1	7.58
1980	9.2	323.97	39.8	8.14
1981	9.9	346.02	39.5	8.76
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	2.2	224.22	39.2	5.72
1978	2.3	244.53	39.0	6.27
1979	2.5	263.74	39.6	6.66
1980	2.4	276.90	39.0	7.10
1981	2.3	298.37	38.4	7.77
FABRICATED METAL PRODUCTS — SIC 34				
1977	1.0	-	-	-
1978	1.0	-	-	-
1979	1.0	-	-	-
1980	1.1	-	-	-
1981	1.4	-	-	-
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	.9	296.03	38.9	7.61
1978	1.1	329.18	39.9	8.25
1979	1.2	342.14	39.6	8.64
1980	1.2	379.05	39.9	9.50
1981	1.1	408.58	39.9	10.24
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	.3	-	-	-
1978	.6	-	-	-
1979	.7	-	-	-
1980	.9	-	-	-
1981	1.2	-	-	-
TRANSPORTATION EQUIPMENT — SIC 37				
1977	.6	-	-	-
1978	.6	-	-	-
1979	.7	-	-	-
1980	.7	-	-	-
1981	.8	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Production or nonsupervisory workers: Average weekly hours	Production or nonsupervisory workers: Average hourly earnings (dollars)
STOCKTON (Con.)				
NONDURABLE GOODS				
1977	11.7	265.20	39.7	6.68
1978	11.5	280.21	39.3	7.13
1979	12.4	296.38	39.1	7.58
1980	11.8	329.33	39.3	8.38
1981	12.4	359.85	39.5	9.11
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	8.5	266.67	40.1	6.65
1978	8.3	284.49	39.9	7.13
1979	9.0	302.08	39.8	7.59
1980	8.4	332.93	39.4	8.45
1981	8.7	368.28	39.9	9.23
FOOD PROCESSING, EXCEPT CANNED, CURED, AND FROZEN FOODS — SIC 201,2,4–8,2095,7–9				
1977	4.4	-	-	-
1978	4.4	-	-	-
1979	4.6	-	-	-
1980	4.7	-	-	-
1981	4.8	-	-	-
CANNED, CURED, AND FROZEN FOODS — SIC 203,2091,2				
1977	4.1	248.46	39.5	6.29
1978	3.9	261.69	39.0	6.71
1979	4.4	289.68	40.8	7.10
1980	3.7	322.40	40.1	8.04
1981	3.9	351.43	39.8	8.83
PAPER, AND PRINTING AND PUBLISHING — SIC 26,27				
1977	1.6	-	-	-
1978	1.7	-	-	-
1979	1.8	-	-	-
1980	1.8	-	-	-
1981	1.7	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	7.4	-	-	-
1978	7.7	-	-	-
1979	8.4	-	-	-
1980	8.2	-	-	-
1981	8.3	-	-	-
TRANSPORTATION — SIC 40–42,44–47				
1977	4.7	-	-	-
1978	5.0	-	-	-
1979	5.5	-	-	-
1980	5.2	-	-	-
1981	5.3	-	-	-
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	2.7	-	-	-
1978	2.7	-	-	-
1979	2.9	-	-	-
1980	3.0	-	-	-
1981	3.1	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	24.5	-	-	-
1978	26.4	-	-	-
1979	27.2	-	-	-
1980	27.7	-	-	-
1981	28.3	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	6.4	-	-	-
1978	6.9	-	-	-
1979	7.1	-	-	-
1980	7.3	-	-	-
1981	7.8	-	-	-
RETAIL TRADE — SIC 52–59				
1977	18.1	-	-	-
1978	19.5	-	-	-
1979	20.0	-	-	-
1980	20.3	-	-	-
1981	20.5	-	-	-
STOCKTON (Con.)				
FINANCE, INSURANCE, AND REAL ESTATE				
1977	4.3	-	-	-
1978	4.8	-	-	-
1979	4.9	-	-	-
1980	5.1	-	-	-
1981	5.3	-	-	-
FINANCE — SIC 60–62				
1977	2.3	-	-	-
1978	2.4	-	-	-
1979	2.5	-	-	-
1980	2.6	-	-	-
1981	2.8	-	-	-
INSURANCE, REAL ESTATE, COMBINATION OFFICES, HOLDING AND INVESTMENT COMPANIES — SIC 63–67				
1977	2.0	-	-	-
1978	2.4	-	-	-
1979	2.5	-	-	-
1980	2.5	-	-	-
1981	2.5	-	-	-
SERVICES				
1977	19.2	-	-	-
1978	21.1	-	-	-
1979	22.9	-	-	-
1980	23.8	-	-	-
1981	25.0	-	-	-
GOVERNMENT				
1977	27.2	-	-	-
1978	27.3	-	-	-
1979	26.9	-	-	-
1980	26.9	-	-	-
1981	27.1	-	-	-
FEDERAL GOVERNMENT				
1977	5.4	-	-	-
1978	5.4	-	-	-
1979	5.4	-	-	-
1980	5.4	-	-	-
1981	5.1	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	21.8	-	-	-
1978	21.9	-	-	-
1979	21.6	-	-	-
1980	21.5	-	-	-
1981	22.0	-	-	-
CITY GOVERNMENT				
1977	2.4	-	-	-
1978	2.4	-	-	-
1979	2.4	-	-	-
1980	2.5	-	-	-
1981	2.5	-	-	-
COUNTY GOVERNMENT				
1977	4.3	-	-	-
1978	4.3	-	-	-
1979	4.2	-	-	-
1980	4.1	-	-	-
1981	4.2	-	-	-
VALLEJO-FAIRFIELD-NAPA				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	89.6	-	-	-
1978	93.7	-	-	-
1979	97.6	-	-	-
1980	99.3	-	-	-
1981	101.6	-	-	-
MINING				
1977	.2	-	-	-
1978	.3	-	-	-
1979	.4	-	-	-
1980	.5	-	-	-
1981	.5	-	-	-
VALLEJO-FAIRFIELD-NAPA (Con.)				
CONSTRUCTION				
1977	3.9	-	-	-
1978	4.6	-	-	-
1979	5.2	-	-	-
1980	5.0	-	-	-
1981	5.1	-	-	-
MANUFACTURING				
1977	9.2	239.40	38.0	6.30
1978	9.9	268.19	38.7	6.93
1979	10.7	296.82	38.8	7.65
1980	10.5	317.75	38.1	8.34
1981	11.0	374.61	38.5	9.73
DURABLE GOODS				
1977	3.5	248.85	39.5	6.30
1978	3.9	264.26	39.5	6.69
1979	4.3	296.56	39.7	7.47
1980	3.9	321.90	39.4	8.17
1981	4.4	387.50	39.5	9.81
NONDURABLE GOODS				
1977	5.7	234.10	37.1	6.31
1978	6.0	271.98	38.2	7.12
1979	6.4	297.56	38.1	7.81
1980	6.6	314.71	37.2	8.46
1981	6.6	364.18	37.7	9.66
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	3.6	-	-	-
1978	3.8	-	-	-
1979	4.0	-	-	-
1980	4.0	-	-	-
1981	4.0	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	3.9	-	-	-
1978	4.1	-	-	-
1979	4.5	-	-	-
1980	4.7	-	-	-
1981	4.7	-	-	-
TRANSPORTATION — SIC 40–42,44–47				
1977	1.7	-	-	-
1978	1.9	-	-	-
1979	2.1	-	-	-
1980	2.2	-	-	-
1981	2.2	-	-	-
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	2.2	-	-	-
1978	2.2	-	-	-
1979	2.4	-	-	-
1980	2.5	-	-	-
1981	2.5	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	17.3	-	-	-
1978	19.4	-	-	-
1979	20.6	-	-	-
1980	21.2	-	-	-
1981	22.3	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	1.7	-	-	-
1978	1.9	-	-	-
1979	2.1	-	-	-
1980	2.2	-	-	-
1981	2.5	-	-	-
RETAIL TRADE — SIC 52–59				
1977	15.6	-	-	-
1978	17.4	-	-	-
1979	18.5	-	-	-
1980	19.0	-	-	-
1981	19.8	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
VALLEJO-FAIRFIELD-NAPA (Con.)				
FINANCE, INSURANCE, AND REAL ESTATE				
1977	2.9	-	-	-
1978	3.2	-	-	-
1979	3.4	-	-	-
1980	3.3	-	-	-
1981	3.4	-	-	-
FINANCE — SIC 60-62				
1977	1.5	-	-	-
1978	1.7	-	-	-
1979	1.8	-	-	-
1980	1.9	-	-	-
1981	2.1	-	-	-
INSURANCE, REAL ESTATE, COMBINATION OFFICES, HOLDING AND INVESTMENT COMPANIES — SIC 63-67				
1977	1.4	-	-	-
1978	1.5	-	-	-
1979	1.6	-	-	-
1980	1.4	-	-	-
1981	1.4	-	-	-
SERVICES				
1977	15.7	-	-	-
1978	16.9	-	-	-
1979	18.3	-	-	-
1980	19.5	-	-	-
1981	19.9	-	-	-
GOVERNMENT				
1977	36.4	-	-	
1978	35.4	-	-	-
1979	34.6	-	-	-
1980	34.7	-	-	-
1981	34.7	-	-	-
FEDERAL GOVERNMENT				
1977	15.6	-	-	-
1978	15.0	-	-	-
1979	14.5	-	-	-
1980	14.5	-	-	-
1981	14.9	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	20.8	-	-	-
1978	20.4	-	-	-
1979	20.1	-	-	-
1980	20.2	-	-	-
1981	19.8	-	-	-
CITY GOVERNMENT				
1977	1.9	-	-	-
1978	1.9	-	-	-
1979	1.8	-	-	-
1980	1.8	-	-	-
1981	1.9	-	-	-
COUNTY GOVERNMENT				
1977	2.8	-	-	-
1978	2.8	-	-	-
1979	2.6	-	-	-
1980	2.7	-	-	-
1981	2.8	-	-	-

See footnotes at end of tables.

COLORADO

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Production or nonsupervisory workers: Average weekly hours	Production or nonsupervisory workers: Average hourly earnings (dollars)
STATEWIDE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	1,058.1	–	–	–
1978	1,150.0	–	–	–
1979	1,218.0	–	–	–
1980	1,251.1	–	–	–
1981	1,280.3	–	–	–
MINING				
1977	24.0	–	–	–
1978	27.3	–	–	–
1979	30.8	–	–	–
1980	36.2	–	–	–
1981	42.3	–	–	–
METAL MINING — SIC 10				
1977	8.7	–	–	–
1978	9.4	–	–	–
1979	10.4	–	–	–
1980	11.7	–	–	–
1981	11.7	–	–	–
BITUMINOUS COAL, AND NONMETALLIC MINERALS, EXCEPT FUELS — SIC 12,14				
1977	4.1	–	–	–
1978	4.8	–	–	–
1979	5.7	–	–	–
1980	6.0	–	–	–
1981	6.0	–	–	–
OIL AND GAS EXTRACTION — SIC 13				
1977	11.2	–	–	–
1978	13.1	–	–	–
1979	14.7	–	–	–
1980	18.5	–	–	–
1981	24.6	–	–	–
CONSTRUCTION				
1977	61.8	313.79	37.4	8.39
1978	72.6	335.25	37.5	8.94
1979	80.0	360.98	37.1	9.73
1980	77.0	395.06	37.2	10.62
1981	72.7	424.67	36.8	11.54
GENERAL BUILDING CONTRACTORS — SIC 15				
1977	18.1	–	–	–
1978	21.4	–	–	–
1979	22.9	–	–	–
1980	22.2	–	–	–
1981	20.1	–	–	–
HEAVY CONSTRUCTION CONTRACTORS — SIC 16				
1977	10.6	–	–	–
1978	11.9	–	–	–
1979	13.3	–	–	–
1980	13.6	–	–	–
1981	12.4	–	–	–
SPECIAL TRADE CONTRACTORS — SIC 17				
1977	33.1	–	–	–
1978	39.3	–	–	–
1979	43.8	–	–	–
1980	41.2	–	–	–
1981	40.1	–	–	–
MANUFACTURING				
1977	152.8	228.52	39.4	5.80
1978	168.2	244.05	39.3	6.21
1979	180.6	273.74	39.5	6.93
1980	180.4	303.67	39.8	7.63
1981	184.4	326.33	39.7	8.22
DURABLE GOODS				
1977	92.7	230.08	39.6	5.81
1978	105.2	243.89	39.4	6.19
1979	115.0	277.20	39.6	7.00
1980	116.6	309.97	40.1	7.73
1981	121.0	339.73	40.3	8.43
LUMBER, AND FURNITURE — SIC 24,25				
1977	6.4	–	–	–
1978	7.2	–	–	–
1979	7.9	–	–	–
1980	7.1	–	–	–
1981	7.0	–	–	–
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	9.3	–	–	–
1978	10.4	–	–	–
1979	11.4	–	–	–
1980	11.2	–	–	–
1981	10.8	–	–	–
PRIMARY AND FABRICATED METALS — SIC 33,34				
1977	19.0	–	–	–
1978	20.2	–	–	–
1979	20.2	–	–	–
1980	19.7	–	–	–
1981	19.6	–	–	–
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	16.7	–	–	–
1978	22.0	–	–	–
1979	23.4	–	–	–
1980	24.2	–	–	–
1981	25.8	–	–	–
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	11.0	–	–	–
1978	12.1	–	–	–
1979	13.7	–	–	–
1980	15.5	–	–	–
1981	16.3	–	–	–
TRANSPORTATION EQUIPMENT — SIC 37				
1977	8.6	–	–	–
1978	10.3	–	–	–
1979	10.9	–	–	–
1980	11.6	–	–	–
1981	13.8	–	–	–
NONDURABLE GOODS				
1977	60.1	226.00	39.1	5.78
1978	63.0	243.98	39.1	6.24
1979	65.6	267.63	39.3	6.81
1980	63.8	292.79	39.3	7.45
1981	63.4	304.58	38.8	7.85
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	23.7	–	–	–
1978	24.7	–	–	–
1979	25.2	–	–	–
1980	24.2	–	–	–
1981	23.5	–	–	–
MEAT PRODUCTS — SIC 201				
1977	6.5	–	–	–
1978	6.7	–	–	–
1979	6.6	–	–	–
1980	5.8	–	–	–
1981	5.0	–	–	–
DAIRY PRODUCTS — SIC 202				
1977	1.8	–	–	–
1978	1.9	–	–	–
1979	2.0	–	–	–
1980	2.0	–	–	–
1981	2.2	–	–	–
TEXTILES, AND APPAREL — SIC 22,23				
1977	4.4	–	–	–
1978	4.3	–	–	–
1979	3.8	–	–	–
1980	3.5	–	–	–
1981	3.4	–	–	–
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	1.8	–	–	–
1978	1.8	–	–	–
1979	2.1	–	–	–
1980	2.1	–	–	–
1981	2.1	–	–	–
PRINTING AND PUBLISHING — SIC 27				
1977	13.2	–	–	–
1978	14.5	–	–	–
1979	15.7	–	–	–
1980	16.4	–	–	–
1981	17.3	–	–	–
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	5.3	–	–	–
1978	5.9	–	–	–
1979	6.1	–	–	–
1980	6.3	–	–	–
1981	6.9	–	–	–
TRANSPORTATION AND PUBLIC UTILITIES				
1977	62.6	–	–	–
1978	70.8	–	–	–
1979	76.1	–	–	–
1980	79.3	–	–	–
1981	81.5	–	–	–
RAILROAD TRANSPORTATION — SIC 40				
1977	6.3	–	–	–
1978	6.9	–	–	–
1979	7.3	–	–	–
1980	7.6	–	–	–
1981	7.6	–	–	–
TRUCKING AND WAREHOUSING — SIC 42				
1977	14.4	–	–	–
1978	15.9	–	–	–
1979	16.6	–	–	–
1980	16.7	–	–	–
1981	17.0	–	–	–
TRANSPORTATION BY AIR — SIC 45				
1977	9.4	–	–	–
1978	11.1	–	–	–
1979	12.6	–	–	–
1980	13.7	–	–	–
1981	14.1	–	–	–

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	29.0	-	-	-
1978	31.7	-	-	-
1979	33.9	-	-	-
1980	35.2	-	-	-
1981	36.3	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	265.0	-	-	-
1978	282.3	-	-	-
1979	297.7	-	-	-
1980	304.7	-	-	-
1981	311.0	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	61.9	-	-	-
1978	65.6	-	-	-
1979	71.3	-	-	-
1980	75.2	-	-	-
1981	77.7	-	-	-
RETAIL TRADE — SIC 52-59				
1977	203.0	-	-	-
1978	216.7	-	-	-
1979	226.4	-	-	-
1980	229.5	-	-	-
1981	233.3	-	-	-
GENERAL MERCHANDISE STORES — SIC 53				
1977	25.2	-	-	-
1978	27.0	-	-	-
1979	27.4	-	-	-
1980	26.5	-	-	-
1981	26.3	-	-	-
FOOD STORES — SIC 54				
1977	27.8	-	-	-
1978	29.8	-	-	-
1979	32.0	-	-	-
1980	33.5	-	-	-
1981	34.3	-	-	-
AUTOMOTIVE DEALERS AND SERVICE STATIONS — SIC 55				
1977	27.5	-	-	-
1978	27.8	-	-	-
1979	28.4	-	-	-
1980	27.7	-	-	-
1981	27.4	-	-	-
APPAREL AND ACCESSORY STORES — SIC 56				
1977	11.1	-	-	-
1978	11.6	-	-	-
1979	11.8	-	-	-
1980	11.8	-	-	-
1981	11.9	-	-	-
EATING AND DRINKING PLACES — SIC 58				
1977	69.6	-	-	-
1978	76.3	-	-	-
1979	81.1	-	-	-
1980	83.3	-	-	-
1981	85.3	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	61.7	-	-	-
1978	68.4	-	-	-
1979	73.8	-	-	-
1980	76.4	-	-	-
1981	79.6	-	-	-
BANKING — SIC 60				
1977	16.0	-	-	-
1978	17.2	-	-	-
1979	18.6	-	-	-
1980	19.6	-	-	-
1981	20.7	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
CREDIT AGENCIES OTHER THAN BANKS — SIC 61				
1977	9.4	-	-	-
1978	10.5	-	-	-
1979	11.9	-	-	-
1980	12.0	-	-	-
1981	12.6	-	-	-
INSURANCE CARRIERS, AGENTS AND BROKERS — SIC 63,64				
1977	16.8	-	-	-
1978	18.3	-	-	-
1979	18.7	-	-	-
1980	19.2	-	-	-
1981	19.6	-	-	-
REAL ESTATE, AND COMBINATION OFFICES — SIC 65,66				
1977	16.3	-	-	-
1978	19.0	-	-	-
1979	20.8	-	-	-
1980	20.7	-	-	-
1981	20.6	-	-	-
SERVICES				
1977	209.1	-	-	-
1978	226.4	-	-	-
1979	240.1	-	-	-
1980	253.4	-	-	-
1981	265.9	-	-	-
HOTELS AND OTHER LODGING PLACES — SIC 70				
1977	19.2	-	-	-
1978	21.4	-	-	-
1979	22.4	-	-	-
1980	23.0	-	-	-
1981	23.8	-	-	-
HOTELS, MOTELS, AND TOURIST COURTS — SIC 701				
1977	18.4	-	-	-
1978	20.6	-	-	-
1979	21.6	-	-	-
1980	22.2	-	-	-
1981	23.1	-	-	-
PERSONAL SERVICES — SIC 72				
1977	12.1	-	-	-
1978	12.6	-	-	-
1979	12.9	-	-	-
1980	12.9	-	-	-
1981	13.7	-	-	-
BUSINESS SERVICES — SIC 73				
1977	33.1	-	-	-
1978	38.8	-	-	-
1979	43.4	-	-	-
1980	46.5	-	-	-
1981	50.6	-	-	-
AUTO, AND MISCELLANEOUS REPAIR SERVICES — SIC 75,76				
1977	10.8	-	-	-
1978	12.3	-	-	-
1979	13.3	-	-	-
1980	13.6	-	-	-
1981	13.4	-	-	-
AMUSEMENTS, INCLUDING MOTION PICTURES — SIC 78,79				
1977	12.4	-	-	-
1978	14.3	-	-	-
1979	15.0	-	-	-
1980	15.8	-	-	-
1981	15.8	-	-	-
HEALTH SERVICES — SIC 80				
1977	57.7	-	-	-
1978	59.3	-	-	-
1979	61.3	-	-	-
1980	65.3	-	-	-
1981	68.8	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
EDUCATIONAL SERVICES — SIC 82				
1977	8.4	-	-	-
1978	[1] 7.7	-	-	-
1979	8.4	-	-	-
1980	9.4	-	-	-
1981	9.3	-	-	-
MEMBERSHIP ORGANIZATIONS — SIC 86				
1977	20.8	-	-	-
1978	20.7	-	-	-
1979	20.2	-	-	-
1980	20.0	-	-	-
1981	20.0	-	-	-
GOVERNMENT				
1977	221.1	-	-	-
1978	234.0	-	-	-
1979	238.8	-	-	-
1980	243.6	-	-	-
1981	242.9	-	-	-
FEDERAL GOVERNMENT				
1977	47.6	-	-	-
1978	50.3	-	-	-
1979	51.1	-	-	-
1980	52.6	-	-	-
1981	51.4	-	-	-
STATE GOVERNMENT				
1977	55.5	-	-	-
1978	56.7	-	-	-
1979	57.1	-	-	-
1980	58.0	-	-	-
1981	57.5	-	-	-
STATE EDUCATION — SIC 82,941				
1977	35.5	-	-	-
1978	[1] 38.4	-	-	-
1979	38.6	-	-	-
1980	39.0	-	-	-
1981	38.6	-	-	-
LOCAL GOVERNMENT				
1977	116.0	-	-	-
1978	[1] 127.0	-	-	-
1979	130.6	-	-	-
1980	133.0	-	-	-
1981	134.0	-	-	-
LOCAL EDUCATION — SIC 82,941				
1977	66.3	-	-	-
1978	[1] 70.9	-	-	-
1979	71.4	-	-	-
1980	72.5	-	-	-
1981	72.8	-	-	-
DENVER-BOULDER				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	670.2	-	-	-
1978	733.9	-	-	-
1979	777.4	-	-	-
1980	798.3	-	-	-
1981	820.1	-	-	-
MINING				
1977	12.1	-	-	-
1978	14.8	-	-	-
1979	16.4	-	-	-
1980	20.1	-	-	-
1981	25.6	-	-	-
METAL MINING — SIC 10				
1977	2.9	-	-	-
1978	3.8	-	-	-
1979	4.5	-	-	-
1980	5.5	-	-	-
1981	5.8	-	-	-

See footnotes at end of tables.

COLORADO

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
DENVER-BOULDER (Con.)				
BITUMINOUS COAL, AND NONMETALLIC MINERALS, EXCEPT FUELS — SIC 12,14				
1977	0.8	-	-	-
1978	1.0	-	-	-
1979	.7	-	-	-
1980	.5	-	-	-
1981	.6	-	-	-
OIL AND GAS EXTRACTION — SIC 13				
1977	8.4	-	-	-
1978	10.1	-	-	-
1979	11.2	-	-	-
1980	14.0	-	-	-
1981	19.2	-	-	-
CONSTRUCTION				
1977	37.9	331.87	37.5	8.85
1978	44.7	342.62	37.0	9.26
1979	48.5	377.25	37.5	10.06
1980	46.2	404.39	37.1	10.90
1981	42.5	436.33	36.3	12.02
GENERAL BUILDING CONTRACTORS — SIC 15				
1977	10.8	-	-	-
1978	13.1	-	-	-
1979	13.9	-	-	-
1980	13.0	-	-	-
1981	11.1	-	-	-
HEAVY CONSTRUCTION CONTRACTORS — SIC 16				
1977	5.4	-	-	-
1978	6.0	-	-	-
1979	6.9	-	-	-
1980	7.1	-	-	-
1981	6.1	-	-	-
SPECIAL TRADE CONTRACTORS — SIC 17				
1977	21.6	-	-	-
1978	25.7	-	-	-
1979	27.8	-	-	-
1980	26.1	-	-	-
1981	25.3	-	-	-
MANUFACTURING				
1977	104.9	223.83	39.2	5.71
1978	116.6	240.07	39.1	6.14
1979	124.0	271.96	39.3	6.92
1980	124.3	302.51	39.7	7.62
1981	128.1	325.51	39.6	8.22
DURABLE GOODS				
1977	59.5	216.38	39.2	5.52
1978	69.0	230.29	38.9	5.92
1979	74.8	265.38	39.2	6.77
1980	75.9	298.45	39.9	7.48
1981	79.0	324.37	39.8	8.15
LUMBER, AND FURNITURE — SIC 24,25				
1977	3.2	-	-	-
1978	3.9	-	-	-
1979	4.3	-	-	-
1980	3.8	-	-	-
1981	3.7	-	-	-
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	6.9	-	-	-
1978	7.6	-	-	-
1979	8.6	-	-	-
1980	8.4	-	-	-
1981	8.1	-	-	-
PRIMARY AND FABRICATED METALS — SIC 33,34				
1977	10.4	-	-	-
1978	10.9	-	-	-
1979	10.8	-	-	-
1980	10.6	-	-	-
1981	10.2	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
DENVER-BOULDER (Con.)				
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	9.4	-	-	-
1978	13.0	-	-	-
1979	15.2	-	-	-
1980	15.6	-	-	-
1981	17.1	-	-	-
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	6.3	-	-	-
1978	7.4	-	-	-
1979	8.6	-	-	-
1980	9.9	-	-	-
1981	10.2	-	-	-
TRANSPORTATION EQUIPMENT — SIC 37				
1977	8.1	-	-	-
1978	9.7	-	-	-
1979	10.1	-	-	-
1980	11.1	-	-	-
1981	13.2	-	-	-
NONDURABLE GOODS				
1977	45.4	232.85	39.2	5.94
1978	47.5	253.59	39.5	6.42
1979	49.2	281.56	39.6	7.11
1980	48.4	308.88	39.6	7.80
1981	49.1	326.19	39.3	8.30
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	14.9	-	-	-
1978	15.6	-	-	-
1979	15.7	-	-	-
1980	15.7	-	-	-
1981	16.3	-	-	-
MEAT PRODUCTS — SIC 201				
1977	3.0	-	-	-
1978	3.0	-	-	-
1979	2.9	-	-	-
1980	2.7	-	-	-
1981	3.0	-	-	-
DAIRY PRODUCTS — SIC 202				
1977	1.1	-	-	-
1978	1.2	-	-	-
1979	1.2	-	-	-
1980	1.3	-	-	-
1981	1.4	-	-	-
TEXTILES, AND APPAREL — SIC 22,23				
1977	3.4	-	-	-
1978	3.3	-	-	-
1979	3.0	-	-	-
1980	2.8	-	-	-
1981	2.7	-	-	-
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	1.8	-	-	-
1978	1.8	-	-	-
1979	2.0	-	-	-
1980	2.0	-	-	-
1981	2.0	-	-	-
PRINTING AND PUBLISHING — SIC 27				
1977	9.2	-	-	-
1978	10.1	-	-	-
1979	10.7	-	-	-
1980	11.1	-	-	-
1981	11.9	-	-	-
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	5.0	-	-	-
1978	5.6	-	-	-
1979	5.8	-	-	-
1980	6.1	-	-	-
1981	6.6	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
DENVER-BOULDER (Con.)				
TRANSPORTATION AND PUBLIC UTILITIES				
1977	43.1	-	-	-
1978	49.7	-	-	-
1979	53.9	-	-	-
1980	55.5	-	-	-
1981	57.0	-	-	-
RAILROAD TRANSPORTATION — SIC 40				
1977	3.5	-	-	-
1978	3.8	-	-	-
1979	4.0	-	-	-
1980	4.1	-	-	-
1981	4.1	-	-	-
TRUCKING AND WAREHOUSING — SIC 42				
1977	10.1	-	-	-
1978	11.2	-	-	-
1979	11.7	-	-	-
1980	11.4	-	-	-
1981	11.5	-	-	-
TRANSPORTATION BY AIR — SIC 45				
1977	9.1	-	-	-
1978	10.7	-	-	-
1979	12.2	-	-	-
1980	13.1	-	-	-
1981	13.4	-	-	-
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	18.2	-	-	-
1978	20.2	-	-	-
1979	22.0	-	-	-
1980	22.5	-	-	-
1981	23.3	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	169.0	-	-	-
1978	178.6	-	-	-
1979	188.3	-	-	-
1980	192.4	-	-	-
1981	194.5	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	45.9	-	-	-
1978	48.9	-	-	-
1979	53.2	-	-	-
1980	55.8	-	-	-
1981	57.6	-	-	-
RETAIL TRADE — SIC 52-59				
1977	123.1	-	-	-
1978	129.7	-	-	-
1979	135.1	-	-	-
1980	136.6	-	-	-
1981	136.9	-	-	-
GENERAL MERCHANDISE STORES — SIC 53				
1977	17.5	-	-	-
1978	18.8	-	-	-
1979	19.1	-	-	-
1980	18.1	-	-	-
1981	17.9	-	-	-
FOOD STORES — SIC 54				
1977	17.3	-	-	-
1978	18.3	-	-	-
1979	19.6	-	-	-
1980	20.3	-	-	-
1981	20.4	-	-	-
AUTOMOTIVE DEALERS AND SERVICE STATIONS — SIC 55				
1977	15.2	-	-	-
1978	15.5	-	-	-
1979	15.7	-	-	-
1980	15.4	-	-	-
1981	15.1	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
DENVER-BOULDER (Con.)				
APPAREL AND ACCESSORY STORES — SIC 56				
1977	7.1	-	-	-
1978	7.3	-	-	-
1979	7.4	-	-	-
1980	7.3	-	-	-
1981	7.4	-	-	-
EATING AND DRINKING PLACES — SIC 58				
1977	41.3	-	-	-
1978	44.6	-	-	-
1979	47.3	-	-	-
1980	48.6	-	-	-
1981	48.9	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	44.0	-	-	-
1978	49.1	-	-	-
1979	52.7	-	-	-
1980	54.0	-	-	-
1981	56.5	-	-	-
BANKING — SIC 60				
1977	10.2	-	-	-
1978	11.1	-	-	-
1979	12.1	-	-	-
1980	12.7	-	-	-
1981	13.5	-	-	-
CREDIT AGENCIES OTHER THAN BANKS — SIC 61				
1977	7.2	-	-	-
1978	8.1	-	-	-
1979	9.0	-	-	-
1980	9.0	-	-	-
1981	9.3	-	-	-
INSURANCE CARRIERS, AGENTS AND BROKERS — SIC 63,64				
1977	13.1	-	-	-
1978	14.2	-	-	-
1979	14.4	-	-	-
1980	14.8	-	-	-
1981	15.2	-	-	-
REAL ESTATE, AND COMBINATION OFFICES — SIC 65,66				
1977	10.8	-	-	-
1978	12.8	-	-	-
1979	13.8	-	-	-
1980	13.3	-	-	-
1981	13.1	-	-	-
SERVICES				
1977	137.2	-	-	-
1978	149.1	-	-	-
1979	158.6	-	-	-
1980	168.6	-	-	-
1981	178.4	-	-	-
HOTELS AND OTHER LODGING PLACES — SIC 70				
1977	8.5	-	-	-
1978	9.3	-	-	-
1979	10.0	-	-	-
1980	10.4	-	-	-
1981	11.2	-	-	-
HOTELS, MOTELS, AND TOURIST COURTS — SIC 701				
1977	8.3	-	-	-
1978	9.1	-	-	-
1979	9.8	-	-	-
1980	10.3	-	-	-
1981	11.0	-	-	-
PERSONAL SERVICES — SIC 72				
1977	8.0	-	-	-
1978	8.3	-	-	-
1979	8.4	-	-	-
1980	8.2	-	-	-
1981	8.8	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
DENVER-BOULDER (Con.)				
BUSINESS SERVICES — SIC 73				
1977	26.4	-	-	-
1978	31.1	-	-	-
1979	34.6	-	-	-
1980	37.2	-	-	-
1981	40.8	-	-	-
AUTO, AND MISCELLANEOUS REPAIR SERVICES — SIC 75,76				
1977	7.3	-	-	-
1978	8.3	-	-	-
1979	8.9	-	-	-
1980	9.0	-	-	-
1981	9.0	-	-	-
AMUSEMENTS, INCLUDING MOTION PICTURES — SIC 78,79				
1977	6.8	-	-	-
1978	7.6	-	-	-
1979	7.8	-	-	-
1980	8.4	-	-	-
1981	8.4	-	-	-
HEALTH SERVICES — SIC 80				
1977	36.7	-	-	-
1978	37.5	-	-	-
1979	38.4	-	-	-
1980	40.9	-	-	-
1981	42.9	-	-	-
EDUCATIONAL SERVICES — SIC 82				
1977	5.5	-	-	-
1978	6.0	-	-	-
1979	6.6	-	-	-
1980	7.6	-	-	-
1981	7.6	-	-	-
MEMBERSHIP ORGANIZATIONS — SIC 86				
1977	12.7	-	-	-
1978	12.6	-	-	-
1979	12.8	-	-	-
1980	12.9	-	-	-
1981	12.8	-	-	-
GOVERNMENT				
1977	121.9	-	-	-
1978	131.3	-	-	-
1979	134.9	-	-	-
1980	138.2	-	-	-
1981	137.4	-	-	-
FEDERAL GOVERNMENT				
1977	31.0	-	-	-
1978	31.5	-	-	-
1979	32.6	-	-	-
1980	34.0	-	-	-
1981	33.2	-	-	-
STATE GOVERNMENT				
1977	31.2	-	-	-
1978	31.8	-	-	-
1979	31.7	-	-	-
1980	32.4	-	-	-
1981	32.6	-	-	-
STATE EDUCATION — SIC 82,941				
1977	20.1	-	-	-
1978	20.6	-	-	-
1979	20.5	-	-	-
1980	21.0	-	-	-
1981	21.2	-	-	-
LOCAL GOVERNMENT				
1977	59.8	-	-	-
1978	68.1	-	-	-
1979	70.7	-	-	-
1980	71.7	-	-	-
1981	71.6	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
DENVER-BOULDER (Con.)				
LOCAL EDUCATION — SIC 82,941				
1977	30.8	-	-	-
1978	39.6	-	-	-
1979	40.5	-	-	-
1980	41.0	-	-	-
1981	40.9	-	-	-

See footnotes at end of tables.

CONNECTICUT

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	1,282.3	-	-	-
1978	1,346.1	-	-	-
1979	1,397.7	-	-	-
1980	1,426.8	-	-	-
1981	1,436.6	-	-	-
CONSTRUCTION AND MINING				
1977	43.7	-	-	-
1978	47.9	-	-	-
1979	52.3	-	-	-
1980	50.2	-	-	-
1981	50.8	-	-	-
MANUFACTURING				
1977	406.7	230.74	41.5	5.56
1978	419.6	250.32	42.0	5.96
1979	436.3	270.06	42.0	6.43
1980	440.8	295.94	41.8	7.08
1981	437.2	319.07	41.6	7.67
METALLIC MANUFACTURING — SIC 33-38,391,4,6				
1977	289.8	240.09	41.9	5.73
1978	300.8	258.88	42.3	6.12
1979	316.8	281.59	42.6	6.61
1980	323.7	309.10	42.4	7.29
1981	319.6	330.17	41.9	7.88
PRIMARY METAL INDUSTRIES — SIC 33				
1977	19.8	269.41	42.9	6.28
1978	20.9	301.50	44.6	6.76
1979	21.9	329.60	45.4	7.26
1980	20.7	333.50	43.2	7.72
1981	19.5	364.59	43.3	8.42
FABRICATED METAL PRODUCTS — SIC 34				
1977	62.9	224.50	42.6	5.27
1978	65.5	239.94	43.0	5.58
1979	67.2	255.00	42.5	6.00
1980	65.8	276.36	42.0	6.58
1981	65.4	301.86	42.1	7.17
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	58.4	253.26	43.3	6.00
1978	58.8	282.53	43.4	6.51
1979	60.8	310.64	44.0	7.06
1980	62.6	340.66	43.9	7.76
1981	58.3	359.02	43.1	8.33
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	43.3	192.23	40.9	4.70
1978	47.8	202.69	40.7	4.98
1979	49.9	217.59	40.9	5.32
1980	51.3	238.27	40.8	5.84
1981	51.5	264.45	41.0	6.45
TRANSPORTATION EQUIPMENT — SIC 37				
1977	74.2	273.10	40.4	6.76
1978	75.0	292.73	40.6	7.21
1979	83.6	325.68	41.7	7.81
1980	87.9	360.81	42.2	8.55
1981	87.9	382.99	40.7	9.41
INSTRUMENTS AND RELATED PRODUCTS — SIC 38				
1977	22.4	211.26	42.0	5.03
1978	24.0	238.77	43.1	5.54
1979	24.8	254.72	43.1	5.91
1980	27.3	280.58	43.3	6.48
1981	29.5	304.56	43.2	7.05

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
NONMETALLIC MANUFACTURING — SIC 20-32,393,5,9				
1977	116.9	206.85	40.4	5.12
1978	118.8	226.59	40.9	5.54
1979	119.5	240.35	40.6	5.92
1980	117.1	261.95	40.3	6.50
1981	117.7	287.15	40.5	7.09
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	12.3	240.03	41.6	5.77
1978	12.6	261.86	41.5	6.31
1979	12.7	276.80	41.5	6.67
1980	12.9	289.57	40.9	7.08
1981	12.4	302.25	40.9	7.39
TEXTILE MILL PRODUCTS — SIC 22				
1977	10.3	173.38	40.7	4.26
1978	9.9	196.65	41.4	4.75
1979	9.2	201.46	40.7	4.95
1980	8.3	213.46	40.2	5.31
1981	8.0	232.22	39.9	5.82
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	11.4	130.30	35.7	3.65
1978	12.0	142.27	36.2	3.93
1979	11.3	152.37	35.6	4.29
1980	10.8	165.43	36.2	4.57
1981	10.8	181.20	35.6	5.09
LUMBER, AND FURNITURE — SIC 24,25				
1977	7.3	184.27	39.8	4.63
1978	7.5	180.32	39.2	4.60
1979	7.1	200.56	40.6	4.94
1980	6.6	216.40	40.0	5.41
1981	6.4	234.99	40.1	5.86
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	8.3	257.10	45.6	5.64
1978	8.9	287.68	46.4	6.20
1979	9.2	303.24	45.6	6.65
1980	9.4	332.97	45.8	7.27
1981	10.2	359.86	45.9	7.84
PRINTING AND PUBLISHING — SIC 27				
1977	21.8	212.80	36.5	5.83
1978	22.9	225.34	36.7	6.14
1979	23.7	238.92	36.7	6.51
1980	24.3	262.63	37.2	7.06
1981	25.1	290.12	37.1	7.82
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	15.7	262.03	42.4	6.18
1978	16.8	284.89	43.1	6.61
1979	17.6	299.20	42.5	7.04
1980	18.3	326.76	42.0	7.78
1981	19.5	359.53	42.1	8.54
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS — SIC 30				
1977	15.8	202.66	41.7	4.86
1978	13.7	226.14	41.8	5.41
1979	14.2	238.62	41.5	5.75
1980	13.3	258.90	40.8	6.37
1981	12.5	278.62	41.4	6.73
TRANSPORTATION AND PUBLIC UTILITIES				
1977	55.4	-	-	-
1978	57.8	-	-	-
1979	60.8	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
TRANSPORTATION AND PUBLIC UTILITIES (Con.)				
1980	60.8	-	-	-
1981	61.0	-	-	-
TRANSPORTATION — SIC 40-42,44-47				
1977	29.0	-	-	-
1978	31.1	-	-	-
1979	32.9	-	-	-
1980	31.8	-	-	-
1981	31.6	-	-	-
COMMUNICATION — SIC 48				
1977	15.5	-	-	-
1978	16.1	-	-	-
1979	17.1	-	-	-
1980	17.8	-	-	-
1981	18.1	-	-	-
ELECTRIC, GAS, AND SANITARY SERVICES — SIC 49				
1977	10.9	-	-	-
1978	10.7	-	-	-
1979	10.8	-	-	-
1980	11.2	-	-	-
1981	11.3	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	267.3	-	-	-
1978	284.2	-	-	-
1979	294.8	-	-	-
1980	299.0	-	-	-
1981	303.1	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	90.7	-	-	-
1978	95.2	-	-	-
1979	99.6	-	-	-
1980	105.1	-	-	-
1981	110.6	-	-	-
FINANCE, REAL ESTATE, COMBINATION OFFICES, HOLDING AND OTHER INVESTMENT COMPANIES — SIC 60-62,65-67				
1977	38.8	-	-	-
1978	41.3	-	-	-
1979	43.4	-	-	-
1980	45.6	-	-	-
1981	48.5	-	-	-
INSURANCE CARRIERS, AGENTS AND BROKERS — SIC 63,64				
1977	51.8	-	-	-
1978	53.9	-	-	-
1979	56.2	-	-	-
1980	59.5	-	-	-
1981	62.1	-	-	-
SERVICES				
1977	242.9	-	-	-
1978	262.2	-	-	-
1979	272.6	-	-	-
1980	285.7	-	-	-
1981	289.8	-	-	-
GOVERNMENT				
1977	175.6	-	-	-
1978	178.2	-	-	-
1979	181.3	-	-	-
1980	185.2	-	-	-
1981	184.0	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
FEDERAL GOVERNMENT				
1977	21.1	-	-	-
1978	21.3	-	-	-
1979	21.2	-	-	-
1980	22.1	-	-	-
1981	21.4	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	154.5	-	-	-
1978	158.0	-	-	-
1979	160.1	-	-	-
1980	163.1	-	-	-
1981	162.6	-	-	-
BRIDGEPORT				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	153.7	-	-	-
1978	158.6	-	-	-
1979	166.4	-	-	-
1980	169.7	-	-	-
1981	169.8	-	-	-
CONSTRUCTION AND MINING				
1977	4.3	-	-	-
1978	4.9	-	-	-
1979	5.1	-	-	-
1980	4.4	-	-	-
1981	4.4	-	-	-
MANUFACTURING				
1977	60.8	237.71	42.6	5.58
1978	62.6	263.61	43.5	6.06
1979	65.2	285.55	43.2	6.61
1980	65.0	311.58	42.8	7.28
1981	64.9	336.48	42.7	7.88
STONE, CLAY, AND GLASS PROD .S — SIC 32				
1977	2.9	-	-	-
1978	3.2	-	-	-
1979	2.8	-	-	-
1980	2.3	-	-	-
1981	2.4	-	-	-
PRIMARY METAL INDUSTRIES — SIC 33				
1977	3.8	280.14	42.0	6.67
1978	3.6	327.07	44.5	7.35
1979	3.5	364.05	45.0	8.09
1980	3.4	371.94	42.9	8.67
1981	2.9	418.76	42.6	9.83
FABRICATED METAL PRODUCTS — SIC 34				
1977	10.2	208.15	41.3	5.04
1978	10.4	226.74	41.3	5.49
1979	10.8	243.36	40.9	5.95
1980	9.9	269.10	41.4	6.50
1981	9.7	290.23	41.7	6.96
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	8.2	263.31	45.4	5.91
1978	8.1	292.45	46.2	6.33
1979	8.6	330.65	48.2	6.86
1980	8.8	371.62	48.2	7.71
1981	9.0	396.88	48.4	8.20
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	10.3	190.94	40.8	4.68
1978	10.5	224.70	42.8	5.25
1979	10.6	234.36	40.9	5.73
1980	10.5	244.95	39.7	6.17
1981	10.2	263.31	40.2	6.55
TRANSPORTATION EQUIPMENT, INSTRUMENTS, AND MISC. MANUFACTURING — SIC 37-39				
1977	14.2	276.97	44.6	6.21
1978	15.3	308.70	45.0	6.86
1979	17.8	332.86	44.5	7.48
1980	19.6	358.04	44.0	8.16
1981	20.5	387.34	42.8	9.05
BRIDGEPORT (Con.)				
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	1.2	237.91	43.1	5.52
1978	1.2	249.09	43.7	5.70
1979	1.1	244.80	42.5	5.76
1980	1.0	253.44	42.1	6.02
1981	1.0	268.32	41.6	6.45
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	2.2	134.66	36.2	3.72
1978	2.3	147.82	36.5	4.05
1979	2.1	154.88	35.2	4.40
1980	2.2	173.64	36.1	4.81
1981	1.9	180.94	35.9	5.04
PRINTING AND PUBLISHING — SIC 27				
1977	2.4	299.55	40.1	7.47
1978	2.5	309.67	39.6	7.82
1979	2.5	334.11	40.4	8.27
1980	2.5	323.02	38.5	8.39
1981	2.5	352.03	38.6	9.12
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS — SIC 30				
1977	1.9	213.09	43.4	4.91
1978	2.0	228.90	43.6	5.25
1979	2.3	250.10	43.8	5.71
1980	2.2	282.62	42.5	6.65
1981	2.3	310.32	43.1	7.20
TRANSPORTATION AND PUBLIC UTILITIES				
1977	5.5	-	-	-
1978	5.9	-	-	-
1979	6.1	-	-	-
1980	6.0	-	-	-
1981	6.1	-	-	-
TRANSPORTATION — SIC 40-42,44-47				
1977	2.9	-	-	-
1978	3.1	-	-	-
1979	3.2	-	-	-
1980	3.1	-	-	-
1981	3.1	-	-	-
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	2.6	-	-	-
1978	2.8	-	-	-
1979	2.9	-	-	-
1980	2.9	-	-	-
1981	3.0	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	31.5	-	-	-
1978	32.8	-	-	-
1979	34.4	-	-	-
1980	35.6	-	-	-
1981	34.9	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	6.4	-	-	-
1978	6.7	-	-	-
1979	6.8	-	-	-
1980	7.5	-	-	-
1981	7.7	-	-	-
SERVICES				
1977	28.0	-	-	-
1978	29.6	-	-	-
1979	32.2	-	-	-
1980	34.4	-	-	-
1981	35.2	-	-	-
GOVERNMENT				
1977	17.0	-	-	-
1978	16.1	-	-	-
1979	16.6	-	-	-
1980	16.8	-	-	-
1981	16.6	-	-	-
HARTFORD				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	349.3	-	-	-
1978	369.2	-	-	-
1979	385.1	-	-	-
1980	396.2	-	-	-
1981	398.0	-	-	-
CONSTRUCTION AND MINING				
1977	10.4	-	-	-
1978	12.1	-	-	-
1979	13.0	-	-	-
1980	12.4	-	-	-
1981	12.0	-	-	-
MANUFACTURING				
1977	83.3	254.58	42.5	5.99
1978	88.4	275.63	42.8	6.44
1979	95.9	301.74	42.8	7.05
1980	100.4	323.09	42.4	7.62
1981	96.8	336.18	41.3	8.14
LUMBER, FURNITURE, AND PAPER PRODUCTS — SIC 24-26				
1977	2.6	257.14	46.0	5.59
1978	2.7	286.08	47.6	6.01
1979	2.8	304.72	46.1	6.61
1980	2.8	317.46	44.4	7.15
1981	2.8	343.98	44.1	7.80
PRIMARY METAL INDUSTRIES — SIC 33				
1977	1.4	195.52	41.6	4.70
1978	1.5	214.97	42.4	5.07
1979	1.7	254.90	44.1	5.78
1980	1.7	247.78	39.9	6.21
1981	1.8	272.80	40.0	6.82
FABRICATED METAL PRODUCTS, AND TRANSPORTATION EQUIPMENT — SIC 34,37				
1977	41.8	288.64	43.8	6.59
1978	44.2	316.08	43.9	7.20
1979	49.0	341.82	43.6	7.84
1980	51.5	365.02	43.3	8.43
1981	49.3	381.80	41.5	9.20
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	14.4	245.28	42.0	5.84
1978	14.3	272.99	43.4	6.29
1979	14.9	309.77	44.7	6.93
1980	15.6	333.87	43.7	7.64
1981	14.9	351.27	43.1	8.15
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	5.0	189.60	40.6	4.67
1978	6.4	203.91	40.7	5.01
1979	7.0	221.13	40.5	5.46
1980	7.3	255.44	41.2	6.20
1981	6.9	246.62	40.1	6.15
INSTRUMENTS AND RELATED PRODUCTS — SIC 38				
1977	2.5	-	-	-
1978	3.0	-	-	-
1979	3.2	-	-	-
1980	3.7	-	-	-
1981	3.4	-	-	-
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	3.7	250.20	41.7	6.00
1978	4.0	278.62	41.4	6.73
1979	3.8	300.88	41.5	7.25
1980	4.2	287.68	39.9	7.21
1981	4.2	304.63	41.0	7.43
TEXTILES, AND APPAREL — SIC 22,23				
1977	2.9	164.74	39.6	4.16
1978	2.9	179.60	40.0	4.49
1979	3.0	187.38	39.2	4.78
1980	2.5	199.56	38.6	5.17
1981	2.5	220.74	39.0	5.66

See footnotes at end of tables.

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Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
HARTFORD (Con.)				
PRINTING AND PUBLISHING — SIC 27				
1977	4.9	208.88	37.3	5.60
1978	5.3	226.35	37.6	6.02
1979	5.7	243.66	37.2	6.55
1980	5.8	268.84	37.6	7.15
1981	5.8	291.82	37.8	7.72
CHEMICALS, AND RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS — SIC 28,30				
1977	2.5	190.61	36.1	5.28
1978	2.5	186.00	37.2	5.00
1979	3.0	187.76	36.6	5.13
1980	3.3	220.56	38.9	5.67
1981	3.3	245.74	39.7	6.19
TRANSPORTATION AND PUBLIC UTILITIES				
1977	14.0	–	–	–
1978	14.5	–	–	–
1979	[1] 13.8	–	–	–
1980	13.8	–	–	–
1981	14.3	–	–	–
TRANSPORTATION — SIC 40–42,44–47				
1977	8.0	–	–	–
1978	8.7	–	–	–
1979	9.2	–	–	–
1980	8.8	–	–	–
1981	9.0	–	–	–
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	6.0	–	–	–
1978	5.8	–	–	–
1979	[1] 4.6	–	–	–
1980	5.0	–	–	–
1981	5.3	–	–	–
WHOLESALE AND RETAIL TRADE				
1977	73.2	–	–	–
1978	77.6	–	–	–
1979	80.5	–	–	–
1980	80.9	–	–	–
1981	84.4	–	–	–
FINANCE, INSURANCE, AND REAL ESTATE				
1977	52.0	–	–	–
1978	54.3	–	–	–
1979	57.1	–	–	–
1980	60.3	–	–	–
1981	61.8	–	–	–
FINANCE, REAL ESTATE, COMBINATION OFFICES, HOLDING AND OTHER INVESTMENT COMPANIES — SIC 60–62,65–67				
1977	11.8	–	–	–
1978	12.4	–	–	–
1979	13.3	–	–	–
1980	13.9	–	–	–
1981	14.4	–	–	–
INSURANCE CARRIERS, AGENTS AND BROKERS — SIC 63,64				
1977	40.3	–	–	–
1978	41.9	–	–	–
1979	43.8	–	–	–
1980	46.4	–	–	–
1981	47.4	–	–	–
SERVICES				
1977	65.5	–	–	–
1978	70.2	–	–	–
1979	71.6	–	–	–
1980	74.6	–	–	–
1981	75.0	–	–	–
GOVERNMENT				
1977	51.0	–	–	–
1978	52.3	–	–	–
1979	53.2	–	–	–
1980	53.8	–	–	–
1981	53.7	–	–	–
NEW BRITAIN				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	56.2	–	–	–
1978	60.0	–	–	–
1979	62.9	–	–	–
1980	64.7	–	–	–
1981	63.1	–	–	–
CONSTRUCTION AND MINING				
1977	1.8	–	–	–
1978	2.1	–	–	–
1979	2.2	–	–	–
1980	2.2	–	–	–
1981	2.2	–	–	–
MANUFACTURING				
1977	27.2	239.98	42.4	5.66
1978	28.4	257.98	42.5	6.07
1979	29.2	281.85	42.9	6.57
1980	30.2	306.55	42.4	7.23
1981	29.2	328.80	42.1	7.81
PRIMARY AND FABRICATED METALS — SIC 33,34				
1977	10.6	–	–	–
1978	11.3	–	–	–
1979	12.0	–	–	–
1980	11.9	–	–	–
1981	11.5	–	–	–
CUTLERY, HAND TOOLS, AND HARDWARE — SIC 342				
1977	5.3	233.19	41.2	5.66
1978	5.7	255.40	41.8	6.11
1979	6.0	277.20	42.0	6.60
1980	5.7	289.27	40.8	7.09
1981	5.6	319.79	42.3	7.56
PRIMARY AND FABRICATED METALS, EXCEPT CUTLERY, HAND TOOLS, AND HARDWARE — SIC 33,341,343–9				
1977	5.4	222.82	42.2	5.28
1978	5.6	244.24	43.0	5.68
1979	6.0	258.57	43.9	5.89
1980	6.2	273.42	42.0	6.51
1981	5.9	303.16	42.4	7.15
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	6.8	260.91	44.6	5.85
1978	6.7	276.79	44.5	6.22
1979	6.4	313.02	45.3	6.91
1980	7.7	339.38	45.8	7.41
1981	7.2	352.27	44.2	7.97
BALL AND ROLLER BEARINGS — SIC 3562				
1977	3.8	–	–	–
1978	3.7	–	–	–
1979	3.1	–	–	–
1980	4.3	–	–	–
1981	4.0	–	–	–
ELECTRIC, AND TRANSPORTATION EQUIPMENT — SIC 36,37				
1977	6.1	266.91	42.3	6.31
1978	6.3	280.43	41.3	6.79
1979	6.7	312.06	42.0	7.43
1980	6.6	340.71	41.0	8.31
1981	6.5	375.87	40.9	9.19
TRANSPORTATION AND PUBLIC UTILITIES				
1977	1.3	–	–	–
1978	1.4	–	–	–
1979	[1] 3.0	–	–	–
1980	3.2	–	–	–
1981	3.2	–	–	–
NEW BRITAIN (Con.)				
TRANSPORTATION — SIC 40–42,44–47				
1977	0.6	–	–	–
1978	.7	–	–	–
1979	.8	–	–	–
1980	.8	–	–	–
1981	.9	–	–	–
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	.7	–	–	–
1978	.7	–	–	–
1979	[1] 2.2	–	–	–
1980	2.4	–	–	–
1981	2.3	–	–	–
WHOLESALE AND RETAIL TRADE				
1977	9.4	–	–	–
1978	10.4	–	–	–
1979	10.3	–	–	–
1980	10.5	–	–	–
1981	10.3	–	–	–
FINANCE, INSURANCE, AND REAL ESTATE				
1977	1.5	–	–	–
1978	1.6	–	–	–
1979	1.8	–	–	–
1980	1.8	–	–	–
1981	1.9	–	–	–
SERVICES				
1977	8.5	–	–	–
1978	9.4	–	–	–
1979	9.9	–	–	–
1980	10.4	–	–	–
1981	10.0	–	–	–
GOVERNMENT				
1977	6.5	–	–	–
1978	6.7	–	–	–
1979	6.5	–	–	–
1980	6.4	–	–	–
1981	6.3	–	–	–
NEW HAVEN-WEST HAVEN				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	177.4	–	–	–
1978	187.8	–	–	–
1979	192.0	–	–	–
1980	190.6	–	–	–
1981	189.0	–	–	–
CONSTRUCTION AND MINING				
1977	5.9	–	–	–
1978	6.3	–	–	–
1979	7.1	–	–	–
1980	7.0	–	–	–
1981	6.3	–	–	–
MANUFACTURING				
1977	44.1	228.07	40.8	5.59
1978	45.5	249.67	41.2	6.06
1979	44.8	269.86	41.2	6.55
1980	43.9	283.27	40.7	6.96
1981	42.0	296.51	39.8	7.45
PRIMARY METAL INDUSTRIES — SIC 33				
1977	4.8	285.86	42.1	6.79
1978	5.2	326.04	42.9	7.60
1979	5.3	355.18	43.0	8.26
1980	4.6	348.17	42.1	8.27
1981	4.5	380.62	43.4	8.77
FABRICATED METAL PRODUCTS — SIC 34				
1977	8.1	219.12	41.5	5.28
1978	8.0	244.96	42.9	5.71
1979	7.2	259.03	43.1	6.01
1980	7.3	279.29	43.1	6.48
1981	7.1	293.71	42.2	6.96

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Production or nonsupervisory workers: Average weekly hours	Production or nonsupervisory workers: Average hourly earnings (dollars)
NEW HAVEN-WEST HAVEN (Con.)				
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	3.4	243.65	42.3	5.76
1978	3.0	255.07	42.3	6.03
1979	3.1	279.72	43.3	6.46
1980	3.2	298.78	42.5	7.03
1981	2.8	306.23	40.4	7.58
ELECTRIC, AND TRANSPORTATION EQUIPMENT — SIC 36,37				
1977	7.7	236.81	41.4	5.72
1978	8.6	256.68	41.2	6.23
1979	9.4	290.60	42.3	6.87
1980	9.6	309.42	40.5	7.64
1981	9.5	327.10	39.6	8.26
APPAREL, AND LEATHER AND LEATHER PRODUCTS — SIC 23,31				
1977	3.9	131.83	34.6	3.81
1978	3.8	139.38	34.5	4.04
1979	3.2	143.62	33.4	4.30
1980	3.0	159.03	33.2	4.79
1981	2.7	162.36	32.8	4.95
PRINTING AND PUBLISHING — SIC 27				
1977	3.3	205.67	35.4	5.81
1978	3.4	214.52	35.4	6.06
1979	3.4	218.47	34.9	6.26
1980	3.3	232.49	34.7	6.70
1981	3.2	272.68	36.7	7.43
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	3.5	249.55	41.8	5.97
1978	3.6	278.13	44.5	6.25
1979	3.6	289.15	42.9	6.74
1980	3.5	309.22	41.9	7.38
1981	3.5	342.63	42.3	8.10
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS — SIC 30				
1977	2.3	353.05	46.7	7.56
1978	2.2	341.12	43.4	7.86
1979	2.1	360.34	41.9	8.60
1980	2.0	409.28	42.5	9.63
1981	1.6	408.98	39.9	10.25
TRANSPORTATION AND PUBLIC UTILITIES				
1977	14.3	–	–	–
1978	15.3	–	–	–
1979	15.9	–	–	–
1980	15.7	–	–	–
1981	15.6	–	–	–
TRANSPORTATION — SIC 40-42,44-47				
1977	6.4	–	–	–
1978	6.9	–	–	–
1979	7.0	–	–	–
1980	6.7	–	–	–
1981	6.9	–	–	–
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	7.9	–	–	–
1978	8.4	–	–	–
1979	8.9	–	–	–
1980	9.0	–	–	–
1981	8.7	–	–	–
WHOLESALE AND RETAIL TRADE				
1977	37.7	–	–	–
1978	39.5	–	–	–
1979	41.1	–	–	–
1980	40.5	–	–	–
1981	40.5	–	–	–
FINANCE, INSURANCE, AND REAL ESTATE				
1977	9.7	–	–	–
1978	10.0	–	–	–
1979	10.4	–	–	–
1980	10.9	–	–	–
1981	11.1	–	–	–
SERVICES				
1977	42.4	–	–	–
1978	45.2	–	–	–
1979	47.4	–	–	–
1980	47.5	–	–	–
1981	49.0	–	–	–
GOVERNMENT				
1977	23.4	–	–	–
1978	26.1	–	–	–
1979	25.3	–	–	–
1980	25.1	–	–	–
1981	24.5	–	–	–
STAMFORD				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	97.5	–	–	–
1978	101.7	–	–	–
1979	106.9	–	–	–
1980	110.5	–	–	–
1981	112.3	–	–	–
CONSTRUCTION AND MINING				
1977	4.2	–	–	–
1978	4.6	–	–	–
1979	5.1	–	–	–
1980	5.6	–	–	–
1981	5.7	–	–	–
MANUFACTURING				
1977	29.4	235.20	42.0	5.60
1978	30.0	250.62	41.7	6.01
1979	31.2	274.77	43.0	6.39
1980	32.1	281.90	42.2	6.68
1981	32.2	294.38	41.0	7.18
FABRICATED METAL PRODUCTS — SIC 34				
1977	3.2	224.27	42.8	5.24
1978	3.4	236.97	41.5	5.71
1979	3.5	236.14	41.5	5.69
1980	3.6	223.49	38.8	5.76
1981	3.3	254.56	39.9	6.38
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	7.0	269.18	44.2	6.09
1978	7.3	285.79	43.9	6.51
1979	7.6	309.86	45.5	6.81
1980	7.0	330.97	45.4	7.29
1981	5.8	342.30	42.0	8.15
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	4.3	243.76	42.1	5.79
1978	4.0	246.85	40.6	6.08
1979	4.0	296.70	46.0	6.45
1980	4.0	346.21	49.6	6.98
1981	3.9	330.91	43.2	7.66
INSTRUMENTS AND RELATED PRODUCTS — SIC 38				
1977	1.5	–	–	–
1978	1.5	–	–	–
1979	1.7	–	–	–
1980	2.5	–	–	–
1981	3.5	–	–	–
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	1.3	–	–	–
1978	1.3	–	–	–
1979	1.6	–	–	–
1980	1.5	–	–	–
1981	1.4	–	–	–
STAMFORD (Con.)				
PRINTING AND PUBLISHING — SIC 27				
1977	2.9	–	–	–
1978	2.8	–	–	–
1979	2.9	–	–	–
1980	2.8	–	–	–
1981	2.9	–	–	–
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	3.8	181.52	40.7	4.46
1978	4.0	203.36	41.0	4.96
1979	4.2	267.72	45.3	5.91
1980	4.4	252.56	41.0	6.16
1981	4.9	258.67	40.8	6.34
TRANSPORTATION AND PUBLIC UTILITIES				
1977	3.4	–	–	–
1978	3.6	–	–	–
1979	3.8	–	–	–
1980	4.3	–	–	–
1981	4.6	–	–	–
TRANSPORTATION — SIC 40-42,44-47				
1977	2.1	–	–	–
1978	2.3	–	–	–
1979	2.4	–	–	–
1980	2.8	–	–	–
1981	3.1	–	–	–
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	1.3	–	–	–
1978	1.3	–	–	–
1979	1.4	–	–	–
1980	1.5	–	–	–
1981	1.5	–	–	–
WHOLESALE AND RETAIL TRADE				
1977	22.2	–	–	–
1978	23.7	–	–	–
1979	23.9	–	–	–
1980	24.7	–	–	–
1981	25.6	–	–	–
FINANCE, INSURANCE, AND REAL ESTATE				
1977	6.5	–	–	–
1978	7.0	–	–	–
1979	7.4	–	–	–
1980	7.7	–	–	–
1981	8.3	–	–	–
SERVICES				
1977	22.2	–	–	–
1978	24.0	–	–	–
1979	25.6	–	–	–
1980	26.0	–	–	–
1981	25.8	–	–	–
GOVERNMENT				
1977	9.6	–	–	–
1978	8.7	–	–	–
1979	9.9	–	–	–
1980	10.1	–	–	–
1981	10.1	–	–	–
WATERBURY				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	84.1	–	–	–
1978	85.4	–	–	–
1979	88.5	–	–	–
1980	87.8	–	–	–
1981	87.7	–	–	–
CONSTRUCTION AND MINING				
1977	2.7	–	–	–
1978	3.1	–	–	–
1979	3.1	–	–	–
1980	2.8	–	–	–
1981	2.7	–	–	–

See footnotes at end of tables.

CONNECTICUT

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
WATERBURY (Con.)				
MANUFACTURING				
1977	33.5	197.30	41.8	4.72
1978	32.6	216.11	41.8	5.17
1979	34.5	236.46	42.0	5.63
1980	32.7	250.66	41.5	6.04
1981	31.9	270.22	41.7	6.48
PRIMARY METAL INDUSTRIES — SIC 33				
1977	2.9	274.50	45.0	6.10
1978	3.0	306.16	46.6	6.57
1979	3.3	335.47	46.4	7.23
1980	3.0	319.68	43.2	7.40
1981	2.8	357.85	44.9	7.97
NONFERROUS ROLLING AND DRAWING — SIC 335				
1977	2.3	285.96	45.9	6.23
1978	2.4	316.98	47.1	6.73
1979	2.6	356.26	47.0	7.58
1980	2.3	327.13	43.1	7.59
1981	2.2	378.38	46.2	8.19
FABRICATED METAL PRODUCTS — SIC 34				
1977	7.2	195.85	42.3	4.63
1978	7.9	207.76	42.4	4.90
1979	8.5	236.00	42.6	5.54
1980	8.5	259.12	42.9	6.04
1981	8.2	280.26	42.4	6.61
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	2.0	272.86	45.1	6.05
1978	2.1	286.91	44.9	6.39
1979	2.4	287.31	43.4	6.62
1980	2.3	297.35	42.6	6.98
1981	2.2	284.25	39.7	7.16
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	3.8	160.31	41.0	3.91
1978	4.4	160.13	38.4	4.17
1979	5.0	169.94	38.8	4.38
1980	4.9	189.54	39.0	4.86
1981	4.9	212.27	39.9	5.32
INSTRUMENTS AND RELATED PRODUCTS — SIC 38				
1977	4.9	-	-	-
1978	4.7	-	-	-
1979	5.0	-	-	-
1980	4.6	-	-	-
1981	4.3	-	-	-
WATCHES, CLOCKS, AND WATCHCASES — SIC 387				
1977	3.4	181.43	39.7	4.57
1978	3.0	201.56	39.6	5.09
1979	3.1	208.43	39.4	5.29
1980	2.7	219.40	38.9	5.64
1981	2.2	230.58	40.1	5.75
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	1.1	208.64	40.2	5.19
1978	1.1	222.05	39.2	5.67
1979	1.1	249.27	40.4	6.17
1980	1.1	277.71	40.9	6.79
1981	1.2	290.78	41.6	6.99
TEXTILES, AND APPAREL — SIC 22,23				
1977	1.4	140.62	37.6	3.74
1978	1.4	148.50	37.5	3.96
1979	1.4	166.41	38.7	4.30
1980	1.3	178.23	39.0	4.57
1981	1.4	195.71	39.3	4.98
CHEMICALS, AND RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS — SIC 28,30				
1977	5.9	199.80	41.8	4.78
1978	3.7	273.68	44.0	6.22
1979	3.6	307.30	43.1	7.13
1980	3.1	345.68	41.9	8.25
1981	2.8	384.88	43.1	8.93

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
WATERBURY (Con.)				
TRANSPORTATION AND PUBLIC UTILITIES				
1977	3.0	-	-	-
1978	3.0	-	-	-
1979	3.2	-	-	-
1980	3.1	-	-	-
1981	3.1	-	-	-
TRANSPORTATION — SIC 40-42,44-47				
1977	1.4	-	-	-
1978	1.4	-	-	-
1979	1.5	-	-	-
1980	1.4	-	-	-
1981	1.4	-	-	-
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	1.6	-	-	-
1978	1.6	-	-	-
1979	1.7	-	-	-
1980	1.7	-	-	-
1981	1.7	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	15.1	-	-	-
1978	15.4	-	-	-
1979	15.5	-	-	-
1980	15.8	-	-	-
1981	15.8	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	2.9	-	-	-
1978	3.1	-	-	-
1979	3.4	-	-	-
1980	3.5	-	-	-
1981	3.8	-	-	-
SERVICES				
1977	15.8	-	-	-
1978	17.3	-	-	-
1979	17.9	-	-	-
1980	18.7	-	-	-
1981	19.0	-	-	-
GOVERNMENT				
1977	11.1	-	-	-
1978	10.8	-	-	-
1979	10.9	-	-	-
1980	11.2	-	-	-
1981	11.4	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	238.8	-	-	-
1978	247.8	-	-	-
1979	256.7	-	-	-
1980	259.2	-	-	-
1981	258.6	-	-	-
CONSTRUCTION				
1977	14.3	-	-	-
1978	15.0	-	-	-
1979	15.6	-	-	-
1980	14.7	-	-	-
1981	13.4	-	-	-
MANUFACTURING				
1977	67.6	235.22	39.6	5.94
1978	69.0	263.20	40.0	6.58
1979	70.2	278.08	39.5	7.04
1980	70.9	306.99	40.5	7.58
1981	70.9	333.28	40.3	8.27
DURABLE GOODS				
1977	18.2	258.33	39.5	6.54
1978	19.3	290.33	39.5	7.35
1979	19.9	301.86	38.8	7.78
1980	19.7	348.17	41.4	8.41
1981	19.7	381.60	40.9	9.33
PRIMARY METAL INDUSTRIES — SIC 33				
1977	2.0	267.33	39.9	6.70
1978	2.1	328.79	42.7	7.70
1979	2.2	349.82	42.3	8.27
1980	2.1	387.50	41.8	9.28
1981	2.1	433.65	41.3	10.50
FABRICATED METAL PRODUCTS — SIC 34				
1977	1.9	195.12	36.0	5.42
1978	1.9	205.55	35.5	5.79
1979	2.0	239.09	38.5	6.21
1980	2.0	262.39	37.7	6.96
1981	2.0	268.63	36.9	7.28
MACHINERY, AND TRANSPORTATION EQUIPMENT — SIC 35-37				
1977	10.5	286.31	39.6	7.23
1978	11.2	324.69	39.5	8.22
1979	11.1	331.76	37.7	8.80
1980	10.9	391.28	42.3	9.25
1981	11.0	421.41	41.6	10.13
NONDURABLE GOODS				
1977	49.4	218.20	39.6	5.51
1978	49.7	244.42	40.4	6.05
1979	50.4	259.75	39.9	6.51
1980	51.2	277.70	39.9	6.96
1981	51.2	300.00	40.0	7.50
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	7.6	158.36	39.1	4.05
1978	7.9	188.44	40.7	4.63
1979	8.5	196.83	40.5	4.86
1980	8.5	219.30	41.3	5.31
1981	8.4	224.52	40.6	5.53
TEXTILE MILL PRODUCTS — SIC 22				
1977	.7	166.80	38.7	4.31
1978	.7	182.21	39.1	4.66
1979	.6	200.43	39.3	5.10
STATEWIDE (Con.)				
TEXTILE MILL PRODUCTS — SIC 22 (Con.)				
1980	0.6	217.01	39.6	5.48
1981	.5	226.14	38.2	5.92
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	1.7	136.97	34.5	3.97
1978	1.4	153.58	35.8	4.29
1979	1.4	141.20	33.7	4.19
1980	1.7	154.50	35.6	4.34
1981	1.9	163.19	35.4	4.61
PRINTING AND PUBLISHING — SIC 27				
1977	2.0	244.97	35.4	6.92
1978	1.9	247.47	33.9	7.30
1979	2.0	256.22	34.3	7.47
1980	2.1	253.41	33.3	7.61
1981	2.1	282.08	34.4	8.20
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	29.9	282.46	40.7	6.94
1978	30.2	313.74	41.5	7.56
1979	31.0	337.82	41.4	8.16
1980	31.9	362.23	40.7	8.90
1981	31.6	397.94	40.4	9.85
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS — SIC 30				
1977	2.9	241.08	42.0	5.74
1978	3.1	264.78	42.5	6.23
1979	3.1	286.12	42.2	6.78
1980	2.9	306.49	42.1	7.28
1981	2.9	350.27	42.1	8.32
TRANSPORTATION AND PUBLIC UTILITIES				
1977	12.1	-	-	-
1978	12.7	-	-	-
1979	12.4	-	-	-
1980	12.1	-	-	-
1981	12.1	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	53.1	-	-	-
1978	54.7	-	-	-
1979	56.5	-	-	-
1980	56.0	-	-	-
1981	56.4	-	-	-
WHOLESALE TRADE — SIC 50,51				
1980	11.0	-	-	-
1981	11.4	-	-	-
RETAIL TRADE — SIC 52-59				
1980	45.0	-	-	-
1981	45.0	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	10.9	-	-	-
1978	11.2	-	-	-
1979	11.8	-	-	-
1980	12.3	-	-	-
1981	12.8	-	-	-
SERVICES AND MINING				
1977	39.6	-	-	-
1978	42.6	-	-	-
1979	45.8	-	-	-
1980	48.0	-	-	-
1981	48.8	-	-	-
STATEWIDE (Con.)				
GOVERNMENT				
1977	41.4	-	-	-
1978	42.8	-	-	-
1979	44.4	-	-	-
1980	45.2	-	-	-
1981	44.3	-	-	-
FEDERAL GOVERNMENT				
1977	5.5	-	-	-
1978	5.6	-	-	-
1979	5.4	-	-	-
1980	5.7	-	-	-
1981	5.4	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	35.9	-	-	-
1978	37.2	-	-	-
1979	39.0	-	-	-
1980	39.5	-	-	-
1981	38.9	-	-	-
STATE GOVERNMENT				
1980	21.0	-	-	-
1981	21.2	-	-	-
LOCAL GOVERNMENT				
1980	18.5	-	-	-
1981	17.7	-	-	-
WILMINGTON				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	208.8	-	-	-
1978	218.5	-	-	-
1979	228.8	-	-	-
1980	228.6	-	-	-
1981	228.1	-	-	-
CONSTRUCTION				
1977	13.1	-	-	-
1978	15.1	-	-	-
1979	16.1	-	-	-
1980	14.9	-	-	-
1981	13.8	-	-	-
MANUFACTURING				
1977	63.3	271.20	40.0	6.78
1978	63.9	297.31	39.8	7.47
1979	64.7	316.00	39.5	8.00
1980	64.5	353.68	40.7	8.69
1981	64.7	383.76	40.1	9.57
DURABLE GOODS				
1977	19.2	267.18	39.7	6.73
1978	20.4	298.94	39.7	7.53
1979	20.7	312.76	38.9	8.04
1980	20.5	365.20	41.5	8.80
1981	21.0	391.38	40.6	9.64
PRIMARY METAL INDUSTRIES — SIC 33				
1977	2.3	266.12	40.2	6.62
1978	2.4	324.95	42.7	7.61
1979	2.6	349.49	43.2	8.09
1980	2.5	389.73	42.5	9.17
1981	2.4	432.72	41.3	10.50

See footnotes at end of tables.

DELAWARE

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
WILMINGTON (Con.)				
FABRICATED METAL PRODUCTS — SIC 34				
1977	1.8	194.94	36.1	5.40
1978	1.7	204.48	35.5	5.76
1979	1.7	237.70	38.4	6.19
1980	1.8	267.29	37.7	7.09
1981	1.8	267.86	37.1	7.22
MACHINERY, AND TRANSPORTATION EQUIPMENT — SIC 35-37				
1977	10.9	284.01	39.5	7.19
1978	11.6	316.76	39.3	8.06
1979	11.6	327.99	37.7	8.70
1980	11.3	392.12	42.3	9.27
1981	12.1	417.66	41.6	10.04
NONDURABLE GOODS				
1977	44.0	273.76	40.2	6.81
1978	43.4	295.26	39.9	7.40
1979	44.0	319.19	40.2	7.94
1980	44.0	339.04	39.7	8.54
1981	43.7	373.51	39.4	9.48
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	1.6	197.76	38.7	5.11
1978	1.4	222.88	36.3	6.14
1979	1.3	222.83	37.2	5.99
1980	1.4	187.44	35.3	5.31
1981	1.4	190.40	35.0	5.44
TEXTILE MILL PRODUCTS — SIC 22				
1977	.6	166.45	38.8	4.29
1978	.5	187.23	39.5	4.74
1979	.4	205.13	39.6	5.18
1980	.4	223.29	39.8	5.59
1981	.4	229.25	38.4	5.97
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	1.6	125.87	33.3	3.78
1978	1.4	128.11	31.4	4.08
1979	1.3	140.77	33.2	4.24
1980	1.2	155.84	34.1	4.57
1981	1.2	167.28	32.8	5.10
PRINTING AND PUBLISHING — SIC 27				
1977	1.6	272.80	35.8	7.62
1978	1.5	290.24	36.1	8.04
1979	1.6	297.62	35.6	8.36
1980	1.7	303.09	35.7	8.49
1981	1.7	323.64	36.0	8.99
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	34.0	321.31	41.3	7.78
1978	34.1	341.82	40.5	8.44
1979	34.5	374.24	40.9	9.15
1980	34.7	398.78	40.2	9.92
1981	34.3	445.04	39.7	11.21
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS — SIC 30				
1977	2.9	224.47	41.6	5.37
1978	2.9	238.56	42.0	5.68
1979	3.2	259.16	41.8	6.20
1980	3.0	279.55	41.6	6.72
1981	3.2	317.18	41.9	7.57
TRANSPORTATION AND PUBLIC UTILITIES				
1977	11.3	-	-	-
1978	12.0	-	-	-
1979	12.0	-	-	-
1980	11.7	-	-	-
1981	11.8	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	42.5	-	-	-
1978	44.9	-	-	-
1979	47.8	-	-	-
1980	47.2	-	-	-
1981	47.2	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
WILMINGTON (Con.)				
WHOLESALE TRADE — SIC 50,51				
1980	9.3	-	-	-
1981	9.7	-	-	-
RETAIL TRADE — SIC 52-59				
1980	37.9	-	-	-
1981	37.5	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	9.9	-	-	-
1978	10.3	-	-	-
1979	10.9	-	-	-
1980	11.4	-	-	-
1981	11.9	-	-	-
SERVICES AND MINING				
1977	34.3	-	-	-
1978	37.4	-	-	-
1979	41.1	-	-	-
1980	43.0	-	-	-
1981	43.7	-	-	-
GOVERNMENT				
1977	34.4	-	-	-
1978	34.9	-	-	-
1979	36.2	-	-	-
1980	36.0	-	-	-
1981	35.1	-	-	-
FEDERAL GOVERNMENT				
1977	4.2	-	-	-
1978	4.6	-	-	-
1979	4.5	-	-	-
1980	4.5	-	-	-
1981	4.4	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	30.1	-	-	-
1978	30.3	-	-	-
1979	31.6	-	-	-
1980	31.5	-	-	-
1981	30.6	-	-	-
STATE GOVERNMENT				
1980	13.7	-	-	-
1981	13.5	-	-	-
LOCAL GOVERNMENT				
1980	17.8	-	-	-
1981	17.1	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Production or nonsupervisory workers: Average weekly hours	Production or nonsupervisory workers: Average hourly earnings (dollars)
DISTRICT OF COLUMBIA				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	578.7	-	-	-
1978	596.3	-	-	-
1979	612.5	-	-	-
1980	616.1	-	-	-
1981	612.3	-	-	-
CONSTRUCTION				
1977	14.4	-	-	-
1978	14.5	-	-	-
1979	14.3	-	-	-
1980	13.2	-	-	-
1981	11.8	-	-	-
MANUFACTURING				
1977	14.8	-	-	-
1978	15.0	-	-	-
1979	15.3	-	-	-
1980	15.4	-	-	-
1981	14.7	-	-	-
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	1.1	-	-	-
1978	1.0	-	-	-
1979	1.0	-	-	-
1980	1.0	-	-	-
1981	.9	-	-	-
PRINTING AND PUBLISHING — SIC 27				
1977	11.3	-	-	-
1978	11.7	-	-	-
1979	12.0	-	-	-
1980	12.2	-	-	-
1981	11.6	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	25.6	-	-	-
1978	25.6	-	-	-
1979	26.0	-	-	-
1980	25.7	-	-	-
1981	26.4	-	-	-
RAILROAD TRANSPORTATION — SIC 40				
1977	3.8	-	-	-
1978	3.8	-	-	-
1979	3.8	-	-	-
1980	3.8	-	-	-
1981	3.7	-	-	-
TRANSPORTATION, EXCEPT RAILROADS — SIC 41,42,44-47				
1977	4.4	-	-	-
1978	4.3	-	-	-
1979	4.4	-	-	-
1980	4.6	-	-	-
1981	5.1	-	-	-
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	17.4	-	-	-
1978	17.5	-	-	-
1979	17.8	-	-	-
1980	17.3	-	-	-
1981	17.6	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	64.1	-	-	-
1978	64.5	-	-	-
1979	65.3	-	-	-
1980	63.6	-	-	-
1981	63.6	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	12.9	-	-	-
1978	12.9	-	-	-
1979	12.8	-	-	-
1980	11.8	-	-	-
1981	11.6	-	-	-
RETAIL TRADE — SIC 52-59				
1977	51.2	-	-	-
1978	51.6	-	-	-
1979	52.5	-	-	-
1980	51.8	-	-	-
1981	52.0	-	-	-
BUILDING MATERIALS, FURNITURE, AND MISCELLANEOUS RETAIL STORES — SIC 52,57,59				
1977	11.4	-	-	-
1978	11.2	-	-	-
1979	11.4	-	-	-
1980	11.2	-	-	-
1981	10.9	-	-	-
GENERAL MERCHANDISE STORES — SIC 53				
1977	7.0	-	-	-
1978	7.3	-	-	-
1979	7.3	-	-	-
1980	6.7	-	-	-
1981	6.3	-	-	-
FOOD STORES — SIC 54				
1977	4.1	-	-	-
1978	4.0	-	-	-
1979	3.9	-	-	-
1980	4.1	-	-	-
1981	4.1	-	-	-
AUTOMOTIVE DEALERS AND SERVICE STATIONS — SIC 55				
1977	3.2	-	-	-
1978	3.0	-	-	-
1979	2.6	-	-	-
1980	2.2	-	-	-
1981	2.2	-	-	-
APPAREL AND ACCESSORY STORES — SIC 56				
1977	5.0	-	-	-
1978	4.9	-	-	-
1979	4.8	-	-	-
1980	4.9	-	-	-
1981	4.7	-	-	-
EATING AND DRINKING PLACES — SIC 58				
1977	20.5	-	-	-
1978	21.2	-	-	-
1979	22.5	-	-	-
1980	22.7	-	-	-
1981	23.8	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	33.7	-	-	-
1978	33.9	-	-	-
1979	34.7	-	-	-
1980	34.4	-	-	-
1981	34.3	-	-	-
BANKING — SIC 60				
1977	5.9	-	-	-
1978	6.1	-	-	-
1979	6.4	-	-	-
1980	6.9	-	-	-
1981	6.9	-	-	-
SERVICES AND MINING				
1977	150.5	-	-	-
1978	161.2	-	-	-
1979	172.5	-	-	-
1980	181.5	-	-	-
1981	186.5	-	-	-
HOTELS AND OTHER LODGING PLACES — SIC 70				
1977	8.8	-	-	-
1978	9.2	-	-	-
1979	9.2	-	-	-
1980	10.4	-	-	-
1981	10.0	-	-	-
PERSONAL SERVICES — SIC 72				
1977	4.4	-	-	-
1978	4.2	-	-	-
1979	4.2	-	-	-
1980	4.0	-	-	-
1981	4.1	-	-	-
BUSINESS SERVICES — SIC 73				
1979	32.3	-	-	-
1980	35.0	-	-	-
1981	34.9	-	-	-
HEALTH SERVICES — SIC 80				
1979	25.2	-	-	-
1980	26.1	-	-	-
1981	26.4	-	-	-
LEGAL SERVICES — SIC 81				
1979	13.8	-	-	-
1980	16.1	-	-	-
1981	17.3	-	-	-
EDUCATIONAL SERVICES — SIC 82				
1979	25.1	-	-	-
1980	26.3	-	-	-
1981	30.0	-	-	-
MEMBERSHIP ORGANIZATIONS — SIC 86				
1979	29.4	-	-	-
1980	29.1	-	-	-
1981	30.1	-	-	-
GOVERNMENT				
1977	275.6	-	-	-
1978	281.6	-	-	-
1979	284.5	-	-	-
1980	282.2	-	-	-
1981	275.0	-	-	-
FEDERAL GOVERNMENT				
1977	220.9	-	-	-
1978	226.5	-	-	-
1979	228.2	-	-	-
1980	228.6	-	-	-
1981	225.4	-	-	-

See footnotes at end of tables.

DISTRICT OF COLUMBIA

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Production or nonsupervisory workers: Average weekly hours	Production or nonsupervisory workers: Average hourly earnings (dollars)
DISTRICT OF COLUMBIA (Con.)				
STATE AND LOCAL GOVERNMENT				
1977	54.7	-	-	-
1978	55.1	-	-	-
1979	56.3	-	-	-
1980	53.7	-	-	-
1981	49.6	-	-	-
WASHINGTON SMSA				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	1,404.3	-	-	-
1978	1,478.7	-	-	-
1979	1,555.6	-	-	-
1980	1,592.5	-	-	-
1981	1,602.5	-	-	-
CONSTRUCTION				
1977	73.5	-	-	-
1978	80.9	-	-	-
1979	85.9	-	-	-
1980	81.7	-	-	-
1981	76.3	-	-	-
MANUFACTURING				
1977	49.4	211.20	38.4	5.50
1978	51.8	[1] 262.75	[1] 39.1	[1] 6.72
1979	56.0	[1] 303.41	[1] 39.2	[1] 7.74
1980	58.2	332.48	39.3	8.46
1981	58.5	348.10	39.2	8.88
DURABLE GOODS				
1977	-	188.25	39.8	4.73
1978	-	[1] 231.32	[1] 40.3	[1] 5.74
1979	-	[1] 254.20	[1] 41.2	[1] 6.17
1980	-	278.78	41.3	6.75
1981	-	298.39	41.5	7.19
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1979	-	267.32	41.0	6.52
1980	-	293.34	41.2	7.12
1981	-	299.25	39.9	7.50
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1979	-	263.55	41.9	6.29
1980	-	285.69	42.2	6.77
1981	-	303.29	42.3	7.17
NONDURABLE GOODS				
1977	-	236.70	37.1	6.38
1978	-	[1] 296.29	[1] 37.6	[1] 7.88
1979	-	[1] 339.68	[1] 37.7	[1] 9.01
1980	-	373.84	37.8	9.89
1981	-	388.37	37.2	10.44
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	5.1	207.92	36.8	5.65
1978	5.0	[1] 288.42	[1] 38.1	[1] 7.57
1979	4.9	[1] 360.43	[1] 37.9	[1] 9.51
1980	5.1	358.66	38.9	9.22
1981	5.0	428.76	39.3	10.91
PRINTING AND PUBLISHING — SIC 27				
1977	20.0	273.08	35.1	7.78
1978	21.0	[1] 323.82	[1] 35.9	[1] 9.02
1979	22.5	[1] 347.45	[1] 37.2	[1] 9.34
1980	23.3	381.48	37.4	10.20
1981	22.9	401.87	36.5	11.01
TRANSPORTATION AND PUBLIC UTILITIES				
1977	62.9	-	-	-
1978	64.1	-	-	-
1979	67.5	-	-	-
1980	71.4	-	-	-
1981	72.3	-	-	-
RAILROAD TRANSPORTATION — SIC 40				
1977	5.1	-	-	-
1978	5.0	-	-	-
WASHINGTON SMSA (Con.)				
RAILROAD TRANSPORTATION — SIC 40 (Con.)				
1979	5.0	-	-	-
1980	5.0	-	-	-
1981	4.8	-	-	-
TRANSPORTATION, EXCEPT RAILROADS — SIC 41,42,44-47				
1977	25.7	-	-	-
1978	25.7	-	-	-
1979	27.7	-	-	-
1980	29.6	-	-	-
1981	29.0	-	-	-
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	32.2	-	-	-
1978	33.3	-	-	-
1979	34.8	-	-	-
1980	36.7	-	-	-
1981	38.5	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	269.1	-	-	-
1978	283.7	-	-	-
1979	296.7	-	-	-
1980	301.5	-	-	-
1981	309.4	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	44.9	-	-	-
1978	48.9	-	-	-
1979	53.2	-	-	-
1980	55.2	-	-	-
1981	57.7	-	-	-
RETAIL TRADE — SIC 52-59				
1977	224.1	-	-	-
1978	234.8	-	-	-
1979	243.5	-	-	-
1980	246.3	-	-	-
1981	251.6	-	-	-
BUILDING MATERIALS, FURNITURE, AND MISCELLANEOUS RETAIL STORES — SIC 52,57,59				
1977	47.9	-	-	-
1978	50.8	-	-	-
1979	54.5	-	-	-
1980	56.8	-	-	-
1981	57.7	-	-	-
GENERAL MERCHANDISE STORES — SIC 53				
1977	37.2	-	-	-
1978	39.1	-	-	-
1979	39.8	-	-	-
1980	38.3	-	-	-
1981	37.8	-	-	-
FOOD STORES — SIC 54				
1977	28.5	-	-	-
1978	28.8	-	-	-
1979	28.8	-	-	-
1980	30.7	-	-	-
1981	30.9	-	-	-
AUTOMOTIVE DEALERS AND SERVICE STATIONS — SIC 55				
1977	29.0	-	-	-
1978	29.7	-	-	-
1979	28.4	-	-	-
1980	27.0	-	-	-
1981	26.4	-	-	-
APPAREL AND ACCESSORY STORES — SIC 56				
1977	16.2	-	-	-
1978	16.5	-	-	-
1979	17.5	-	-	-
1980	17.8	-	-	-
1981	18.3	-	-	-
WASHINGTON SMSA (Con.)				
EATING AND DRINKING PLACES — SIC 58				
1977	65.3	-	-	-
1978	69.9	-	-	-
1979	74.5	-	-	-
1980	75.8	-	-	-
1981	80.4	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	81.6	-	-	-
1978	84.4	-	-	-
1979	88.7	-	-	-
1980	90.2	-	-	-
1981	91.6	-	-	-
BANKING — SIC 60				
1977	16.8	-	-	-
1978	17.6	-	-	-
1979	18.1	-	-	-
1980	19.5	-	-	-
1981	19.9	-	-	-
SERVICES AND MINING				
1977	338.0	-	-	-
1978	370.3	-	-	-
1979	406.9	-	-	-
1980	429.9	-	-	-
1981	446.7	-	-	-
HOTELS AND OTHER LODGING PLACES — SIC 70				
1977	17.4	-	-	-
1978	18.2	-	-	-
1979	19.2	-	-	-
1980	20.9	-	-	-
1981	20.9	-	-	-
PERSONAL SERVICES — SIC 72				
1977	16.7	-	-	-
1978	17.0	-	-	-
1979	17.6	-	-	-
1980	17.5	-	-	-
1981	17.9	-	-	-
GOVERNMENT				
1977	529.8	-	-	-
1978	543.6	-	-	-
1979	553.9	-	-	-
1980	559.6	-	-	-
1981	547.6	-	-	-
FEDERAL GOVERNMENT				
1977	353.9	-	-	-
1978	358.9	-	-	-
1979	361.5	-	-	-
1980	366.2	-	-	-
1981	359.5	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	175.9	-	-	-
1978	184.6	-	-	-
1979	192.3	-	-	-
1980	193.3	-	-	-
1981	188.1	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	2,933.2	-	-	-
1978	3,180.6	-	-	-
1979	3,381.2	-	-	-
1980	3,576.2	-	-	-
1981	3,721.7	-	-	-
MINING				
1977	9.1	-	-	-
1978	9.5	-	-	-
1979	10.1	-	-	-
1980	11.0	-	-	-
1981	11.2	-	-	-
NONMETALLIC MINERALS, EXCEPT FUELS — SIC 14				
1977	8.1	236.49	46.1	5.13
1978	8.3	262.15	49.0	5.35
1979	9.1	282.74	50.4	5.61
1980	9.9	[1] 302.51	[1] 46.9	[1] 6.45
1981	10.2	334.88	47.1	7.11
PHOSPHATE ROCK — SIC 1475				
1977	5.3	259.16	44.3	5.85
1978	5.4	283.36	44.0	6.44
1979	5.6	305.61	44.1	6.93
1980	6.1	323.36	43.0	7.52
1981	6.2	355.01	43.4	8.18
CONSTRUCTION				
1977	178.9	-	-	-
1978	209.5	-	-	-
1979	241.4	-	-	-
1980	263.9	-	-	-
1981	282.5	-	-	-
GENERAL BUILDING CONTRACTORS — SIC 15				
1979	71.9	-	-	-
1980	76.3	-	-	-
1981	81.6	-	-	-
HEAVY CONSTRUCTION CONTRACTORS — SIC 16				
1979	42.7	-	-	-
1980	46.5	-	-	-
1981	48.7	-	-	-
SPECIAL TRADE CONTRACTORS — SIC 17				
1979	126.8	-	-	-
1980	141.1	-	-	-
1981	152.2	-	-	-
MANUFACTURING				
1977	380.9	188.44	40.7	4.63
1978	415.5	207.36	40.9	5.07
1979	443.6	221.94	40.5	5.48
1980	456.4	243.98	40.8	5.98
1981	466.5	265.12	40.6	6.53
DURABLE GOODS				
1977	202.5	194.75	41.0	4.75
1978	228.8	218.29	41.5	5.26
1979	251.8	232.72	40.9	5.69
1980	260.8	250.28	41.3	6.06
1981	265.8	273.41	41.3	6.62
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	20.4	158.78	39.4	4.03
1978	21.4	178.49	40.2	4.44
1979	23.2	183.26	38.5	4.76
STATEWIDE (Con.)				
LUMBER AND WOOD PRODUCTS — SIC 24 (Con.)				
1980	23.0	[1] 204.46	[1] 39.7	[1] 5.15
1981	22.8	208.89	38.9	5.37
FURNITURE AND FIXTURES — SIC 25				
1977	8.5	155.21	38.9	3.99
1978	10.2	161.59	39.8	4.06
1979	11.2	172.22	38.7	4.45
1980	11.4	[1] 182.63	[1] 37.5	[1] 4.87
1981	11.9	207.11	39.6	5.23
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	18.0	214.95	43.6	4.93
1978	20.4	239.06	44.6	5.36
1979	20.5	257.52	44.4	5.80
1980	20.7	275.72	44.4	6.21
1981	21.3	290.18	43.9	6.61
PRIMARY METAL INDUSTRIES — SIC 33				
1977	4.3	191.69	39.2	4.89
1978	4.3	205.24	41.8	4.91
1979	4.8	247.08	42.6	5.80
1980	4.9	259.72	42.3	6.14
1981	5.0	276.47	41.7	6.63
FABRICATED METAL PRODUCTS — SIC 34				
1977	28.1	202.19	42.3	4.78
1978	31.4	221.24	41.2	5.37
1979	33.6	224.92	40.6	5.54
1980	35.2	244.82	40.2	6.09
1981	35.4	265.99	39.7	6.70
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	22.8	219.82	42.6	5.16
1978	25.8	240.67	43.6	5.52
1979	31.0	224.64	39.9	5.63
1980	35.0	255.31	42.2	6.05
1981	36.9	293.38	43.4	6.76
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	45.0	190.13	40.8	4.66
1978	53.5	209.30	40.8	5.13
1979	59.6	231.80	41.1	5.64
1980	62.0	261.04	41.9	6.23
1981	61.2	285.23	41.7	6.84
TRANSPORTATION EQUIPMENT — SIC 37				
1977	37.2	228.48	40.8	5.60
1978	42.5	264.58	41.6	6.36
1979	47.2	292.03	41.6	7.02
1980	47.2	[1] 314.50	[1] 42.5	[1] 7.40
1981	50.4	338.16	41.8	8.09
INSTRUMENTS AND RELATED PRODUCTS — SIC 38				
1977	10.9	167.53	39.7	4.22
1978	11.2	176.55	40.4	4.37
1979	12.6	191.60	40.0	4.79
1980	13.8	[1] 211.64	[1] 40.7	[1] 5.20
1981	13.5	241.72	40.9	5.91
MISC. MANUFACTURING INDUSTRIES — SIC 39				
1977	7.3	-	-	-
1978	8.1	-	-	-
1979	8.1	-	-	-
1980	7.6	-	-	-
1981	7.4	-	-	-
STATEWIDE (Con.)				
NONDURABLE GOODS				
1977	178.4	182.66	40.5	4.51
1978	186.7	194.57	40.2	4.84
1979	191.8	209.32	40.1	5.22
1980	195.6	[1] 236.38	[1] 40.2	[1] 5.88
1981	200.7	255.12	39.8	6.41
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	49.1	192.72	43.8	4.40
1978	48.9	192.17	40.8	4.71
1979	48.9	208.00	41.6	5.00
1980	49.4	221.73	41.6	5.33
1981	49.6	242.02	41.3	5.86
PRESERVED FRUITS AND VEGETABLES — SIC 203				
1977	13.5	173.66	45.7	3.80
1978	14.0	160.86	38.3	4.20
1979	13.6	194.43	43.4	4.48
1980	14.3	216.37	43.8	4.94
1981	14.6	229.38	42.4	5.41
TOBACCO MANUFACTURES — SIC 21				
1977	2.8	121.77	35.5	3.43
1978	2.6	127.09	35.4	3.59
1979	2.5	148.56	36.5	4.07
1980	2.3	[1] 177.12	[1] 36.9	[1] 4.80
1981	2.1	198.72	36.8	5.40
TEXTILE MILL PRODUCTS — SIC 22				
1979	4.6	-	-	-
1980	3.4	-	-	-
1981	2.8	-	-	-
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	30.3	114.12	36.0	3.17
1978	34.2	125.86	36.8	3.42
1979	34.0	131.40	36.1	3.64
1980	34.1	[1] 154.01	[1] 35.9	[1] 4.29
1981	34.5	167.77	37.2	4.51
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	16.3	266.13	43.7	6.09
1978	16.4	313.88	46.5	6.75
1979	16.2	343.62	44.8	7.67
1980	16.1	[1] 364.20	[1] 43.1	[1] 8.45
1981	16.3	412.65	43.3	9.53
PRINTING AND PUBLISHING — SIC 27				
1977	31.8	201.89	38.9	5.19
1978	34.2	217.70	38.6	5.64
1979	37.9	218.74	37.2	5.88
1980	41.5	[1] 261.90	[1] 38.8	[1] 6.75
1981	45.5	275.56	37.8	7.29
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	25.1	240.81	42.1	5.72
1978	26.0	255.85	41.4	6.18
1979	26.5	290.61	42.8	6.79
1980	26.4	[1] 330.23	[1] 42.5	[1] 7.77
1981	26.4	359.11	42.1	8.53
PETROLEUM AND COAL PRODUCTS — SIC 29				
1979	1.8	-	-	-
1980	1.9	-	-	-
1981	1.8	-	-	-

See footnotes at end of tables.

FLORIDA

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS — SIC 30				
1979	15.9	–	–	–
1980	17.0	191.06	41.0	4.66
1981	17.8	190.01	37.7	5.04
LEATHER AND LEATHER PRODUCTS — SIC 31				
1979	3.5	–	–	–
1980	3.5	–	–	–
1981	3.9	–	–	–
TRANSPORTATION AND PUBLIC UTILITIES				
1977	185.1	–	–	–
1978	194.2	–	–	–
1979	208.5	–	–	–
1980	220.8	–	–	–
1981	228.6	–	–	–
TRANSPORTATION — SIC 40–42,44–47				
1977	104.3	–	–	–
1978	111.5	–	–	–
1979	118.5	–	–	–
1980	124.5	–	–	–
1981	127.3	–	–	–
RAILROAD TRANSPORTATION — SIC 40				
1977	12.5	–	–	–
1978	11.7	–	–	–
1979	11.2	–	–	–
1980	11.0	–	–	–
1981	10.7	–	–	–
LOCAL AND INTERURBAN PASSENGER TRANSIT — SIC 41				
1977	6.4	–	–	–
1978	6.5	–	–	–
1979	6.7	–	–	–
1980	7.1	–	–	–
1981	7.5	–	–	–
TRUCKING AND WAREHOUSING — SIC 42				
1977	33.5	–	–	–
1978	36.9	–	–	–
1979	38.6	–	–	–
1980	39.0	–	–	–
1981	40.7	–	–	–
WATER TRANSPORTATION — SIC 44				
1979	12.6	–	–	–
1980	13.6	–	–	–
1981	14.0	–	–	–
TRANSPORTATION BY AIR — SIC 45				
1977	32.7	–	–	–
1978	34.8	–	–	–
1979	39.4	–	–	–
1980	42.7	–	–	–
1981	42.9	–	–	–
COMMUNICATION — SIC 48				
1977	57.1	260.98	40.4	6.46
1978	58.8	295.82	41.2	7.18
1979	64.7	322.46	41.5	7.77
1980	69.4	332.10	41.0	8.10
1981	72.8	365.37	41.9	8.72
ELECTRIC, GAS, AND SANITARY SERVICES — SIC 49				
1977	23.7	273.41	41.3	6.62
1978	23.9	301.38	41.8	7.21
1979	25.3	324.94	42.2	7.70
1980	26.9	346.88	42.2	8.22
1981	28.5	381.80	41.5	9.20
WHOLESALE AND RETAIL TRADE				
1977	771.0	–	–	–
1978	836.9	–	–	–
1979	889.5	–	–	–
1980	939.8	–	–	–
1981	983.0	–	–	–

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
WHOLESALE TRADE — SIC 50,51				
1977	160.9	–	–	–
1978	174.8	–	–	–
1979	190.3	–	–	–
1980	204.6	–	–	–
1981	216.8	–	–	–
WHOLESALE TRADE - DURABLE GOODS — SIC 50				
1977	90.5	–	–	–
1978	100.9	–	–	–
1979	112.2	–	–	–
1980	122.6	–	–	–
1981	130.1	–	–	–
WHOLESALE TRADE - NONDURABLE GOODS — SIC 51				
1977	70.4	–	–	–
1978	73.9	–	–	–
1979	78.1	–	–	–
1980	82.0	–	–	–
1981	86.7	–	–	–
RETAIL TRADE — SIC 52–59				
1977	610.1	–	–	–
1978	662.1	–	–	–
1979	699.2	–	–	–
1980	735.2	–	–	–
1981	766.2	–	–	–
BUILDING MATERIALS AND GARDEN SUPPLIES — SIC 52				
1977	25.1	–	–	–
1978	29.0	–	–	–
1979	31.5	–	–	–
1980	32.8	–	–	–
1981	34.6	–	–	–
GENERAL MERCHANDISE STORES — SIC 53				
1977	99.0	–	–	–
1978	104.7	–	–	–
1979	105.5	–	–	–
1980	107.5	–	–	–
1981	112.3	–	–	–
FOOD STORES — SIC 54				
1977	97.7	–	–	–
1978	106.5	–	–	–
1979	115.8	–	–	–
1980	123.7	–	–	–
1981	131.2	–	–	–
AUTOMOTIVE DEALERS AND SERVICE STATIONS — SIC 55				
1977	79.7	–	–	–
1978	83.6	–	–	–
1979	82.5	–	–	–
1980	82.9	–	–	–
1981	86.0	–	–	–
APPAREL AND ACCESSORY STORES — SIC 56				
1977	34.7	–	–	–
1978	37.7	–	–	–
1979	39.8	–	–	–
1980	41.7	–	–	–
1981	44.4	–	–	–
FURNITURE AND HOME FURNISHINGS STORES — SIC 57				
1977	26.2	–	–	–
1978	29.2	–	–	–
1979	32.4	–	–	–
1980	34.4	–	–	–
1981	37.1	–	–	–
EATING AND DRINKING PLACES — SIC 58				
1977	178.4	–	–	–
1978	197.6	–	–	–
1979	214.8	–	–	–
1980	230.5	–	–	–
1981	233.0	–	–	–

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
MISCELLANEOUS RETAIL — SIC 59				
1977	69.3	–	–	–
1978	73.8	–	–	–
1979	76.9	–	–	–
1980	81.7	–	–	–
1981	87.6	–	–	–
FINANCE, INSURANCE, AND REAL ESTATE				
1977	202.5	–	–	–
1978	219.3	–	–	–
1979	235.0	–	–	–
1980	254.2	–	–	–
1981	271.9	–	–	–
BANKING — SIC 60				
1977	45.0	132.01	38.6	3.42
1978	48.6	143.05	39.3	3.64
1979	51.8	154.05	39.0	3.95
1980	56.2	167.48	39.5	4.24
1981	61.8	182.35	39.3	4.64
CREDIT AGENCIES OTHER THAN BANKS — SIC 61				
1977	27.8	–	–	–
1978	31.7	–	–	–
1979	34.8	–	–	–
1980	37.8	–	–	–
1981	41.3	–	–	–
INSURANCE CARRIERS — SIC 63				
1977	39.7	–	–	–
1978	41.4	–	–	–
1979	42.8	–	–	–
1980	44.1	–	–	–
1981	45.5	–	–	–
INSURANCE AGENTS, BROKERS AND SERVICE — SIC 64				
1979	19.4	–	–	–
1980	20.6	–	–	–
1981	21.8	–	–	–
REAL ESTATE — SIC 65				
1979	72.9	–	–	–
1980	80.8	–	–	–
1981	85.3	–	–	–
SERVICES				
1977	640.0	–	–	–
1978	693.9	–	–	–
1979	752.6	–	–	–
1980	811.3	–	–	–
1981	863.4	–	–	–
HOTELS AND OTHER LODGING PLACES — SIC 70				
1977	77.9	–	–	–
1978	83.6	–	–	–
1979	88.4	–	–	–
1980	90.9	–	–	–
1981	92.6	–	–	–
PERSONAL SERVICES — SIC 72				
1977	39.7	–	–	–
1978	40.9	–	–	–
1979	42.5	–	–	–
1980	44.1	–	–	–
1981	46.9	–	–	–
BUSINESS SERVICES — SIC 73				
1979	120.1	–	–	–
1980	134.8	–	–	–
1981	147.9	–	–	–
AUTO REPAIR, SERVICES, AND GARAGES — SIC 75				
1979	31.0	–	–	–
1980	32.1	–	–	–
1981	32.7	–	–	–

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
MISCELLANEOUS REPAIR SERVICES — SIC 76				
1979	15.3	-	-	-
1980	16.3	-	-	-
1981	17.2	-	-	-
MOTION PICTURES — SIC 78				
1979	6.1	-	-	-
1980	6.3	-	-	-
1981	6.4	-	-	-
AMUSEMENT AND RECREATION SERVICES — SIC 79				
1979	51.0	-	-	-
1980	54.9	-	-	-
1981	58.6	-	-	-
HEALTH SERVICES — SIC 80				
1977	163.5	-	-	-
1978	176.1	-	-	-
1979	190.5	-	-	-
1980	211.1	-	-	-
1981	231.0	-	-	-
LEGAL SERVICES — SIC 81				
1979	25.7	-	-	-
1980	27.8	-	-	-
1981	30.3	-	-	-
EDUCATIONAL SERVICES — SIC 82				
1979	30.7	-	-	-
1980	34.4	-	-	-
1981	36.3	-	-	-
GOVERNMENT				
1977	565.7	-	-	-
1978	601.8	-	-	-
1979	600.5	-	-	-
1980	618.8	-	-	-
1981	614.6	-	-	-
FEDERAL GOVERNMENT				
1977	82.7	-	-	-
1978	86.0	-	-	-
1979	86.6	-	-	-
1980	90.6	-	-	-
1981	87.9	-	-	-
STATE GOVERNMENT				
1977	113.9	-	-	-
1978	116.8	-	-	-
1979	120.0	-	-	-
1980	124.0	-	-	-
1981	125.9	-	-	-
LOCAL GOVERNMENT				
1977	369.1	-	-	-
1978	399.0	-	-	-
1979	393.9	-	-	-
1980	404.2	-	-	-
1981	400.8	-	-	-
BRADENTON				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1978	39.0	-	-	-
1979	41.9	-	-	-
1980	43.8	-	-	-
1981	46.3	-	-	-
CONSTRUCTION				
1978	3.0	-	-	-
1979	3.8	-	-	-
1980	4.1	-	-	-
1981	4.3	-	-	-
MANUFACTURING				
1978	6.4	-	-	-
1979	7.0	-	-	-
1980	7.5	-	-	-
1981	7.4	-	-	-
BRADENTON (Con.)				
DURABLE GOODS				
1978	3.5	-	-	-
1979	4.0	-	-	-
1980	4.3	-	-	-
1981	4.4	-	-	-
NONDURABLE GOODS				
1978	2.9	-	-	-
1979	3.0	-	-	-
1980	3.2	-	-	-
1981	3.0	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1978	1.3	-	-	-
1979	1.4	-	-	-
1980	1.4	-	-	-
1981	1.5	-	-	-
WHOLESALE AND RETAIL TRADE				
1978	11.3	-	-	-
1979	11.9	-	-	-
1980	11.7	-	-	-
1981	12.0	-	-	-
WHOLESALE TRADE — SIC 50,51				
1978	1.1	-	-	-
1979	1.2	-	-	-
1980	1.2	-	-	-
1981	1.3	-	-	-
RETAIL TRADE — SIC 52-59				
1978	10.2	-	-	-
1979	10.7	-	-	-
1980	10.5	-	-	-
1981	10.7	-	-	-
EATING AND DRINKING PLACES — SIC 58				
1978	3.4	-	-	-
1979	3.6	-	-	-
1980	3.5	-	-	-
1981	3.7	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1978	2.4	-	-	-
1979	2.6	-	-	-
1980	2.9	-	-	-
1981	3.2	-	-	-
SERVICES AND MINING				
1978	7.1	-	-	-
1979	7.8	-	-	-
1980	8.3	-	-	-
1981	8.8	-	-	-
HEALTH SERVICES — SIC 80				
1978	2.4	-	-	-
1979	2.8	-	-	-
1980	2.9	-	-	-
1981	3.1	-	-	-
GOVERNMENT				
1978	7.5	-	-	-
1979	7.4	-	-	-
1980	7.9	-	-	-
1981	9.1	-	-	-
LOCAL GOVERNMENT				
1978	6.7	-	-	-
1979	6.6	-	-	-
1980	7.0	-	-	-
1981	8.2	-	-	-
DAYTONA BEACH				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	63.9	-	-	-
1978	69.8	-	-	-
1979	74.4	-	-	-
DAYTONA BEACH (Con.)				
TOTAL NONAGRICULTURAL EMPLOYMENT (Con.)				
1980	77.7	-	-	-
1981	80.4	-	-	-
CONSTRUCTION				
1977	3.4	-	-	-
1978	4.0	-	-	-
1979	4.5	-	-	-
1980	4.9	-	-	-
1981	5.2	-	-	-
MANUFACTURING				
1977	6.5	-	-	-
1978	7.1	-	-	-
1979	8.1	-	-	-
1980	8.3	-	-	-
1981	8.6	-	-	-
DURABLE GOODS				
1977	4.6	-	-	-
1978	5.1	-	-	-
1979	5.9	-	-	-
1980	6.0	-	-	-
1981	6.2	-	-	-
NONDURABLE GOODS				
1977	1.9	-	-	-
1978	2.0	-	-	-
1979	2.2	-	-	-
1980	2.3	-	-	-
1981	2.4	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	2.6	-	-	-
1978	2.7	-	-	-
1979	3.0	-	-	-
1980	3.3	-	-	-
1981	3.3	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	18.5	-	-	-
1978	20.0	-	-	-
1979	21.1	-	-	-
1980	22.0	-	-	-
1981	22.7	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	1.7	-	-	-
1978	1.9	-	-	-
1979	2.0	-	-	-
1980	1.9	-	-	-
1981	2.0	-	-	-
RETAIL TRADE — SIC 52-59				
1977	16.8	-	-	-
1978	18.1	-	-	-
1979	19.1	-	-	-
1980	20.1	-	-	-
1981	20.7	-	-	-
GENERAL MERCHANDISE STORES — SIC 53				
1977	2.5	-	-	-
1978	2.7	-	-	-
1979	2.6	-	-	-
1980	2.6	-	-	-
1981	2.6	-	-	-
FOOD STORES — SIC 54				
1977	2.4	-	-	-
1978	2.7	-	-	-
1979	3.0	-	-	-
1980	3.2	-	-	-
1981	3.3	-	-	-
AUTOMOTIVE DEALERS AND SERVICE STATIONS — SIC 55				
1977	2.0	-	-	-
1978	2.1	-	-	-
1979	2.0	-	-	-

See footnotes at end of tables.

FLORIDA

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
DAYTONA BEACH (Con.)				
AUTOMOTIVE DEALERS AND SERVICE STATIONS — SIC 55 (Con.)				
1980	2.0	-	-	-
1981	2.1	-	-	-
EATING AND DRINKING PLACES — SIC 58				
1977	6.1	-	-	-
1978	6.6	-	-	-
1979	7.0	-	-	-
1980	7.6	-	-	-
1981	7.5	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	4.0	-	-	-
1978	3.9	-	-	-
1979	4.1	-	-	-
1980	4.3	-	-	-
1981	4.7	-	-	-
SERVICES				
1977	16.6	-	-	-
1978	19.0	-	-	-
1979	20.0	-	-	-
1980	21.1	-	-	-
1981	21.4	-	-	-
HOTELS AND OTHER LODGING PLACES — SIC 70				
1977	4.1	-	-	-
1978	4.4	-	-	-
1979	4.5	-	-	-
1980	4.6	-	-	-
1981	4.5	-	-	-
HEALTH SERVICES — SIC 80				
1979	4.5	-	-	-
1980	4.7	-	-	-
1981	4.9	-	-	-
GOVERNMENT				
1977	12.3	-	-	-
1978	13.1	-	-	-
1979	13.6	-	-	-
1980	13.8	-	-	-
1981	14.5	-	-	-
FEDERAL GOVERNMENT				
1977	.6	-	-	-
1978	.6	-	-	-
1979	.6	-	-	-
1980	.8	-	-	-
1981	.7	-	-	-
STATE GOVERNMENT				
1977	1.4	-	-	-
1978	1.4	-	-	-
1979	1.4	-	-	-
1980	1.4	-	-	-
1981	1.5	-	-	-
LOCAL GOVERNMENT				
1977	10.3	-	-	-
1978	11.1	-	-	-
1979	11.6	-	-	-
1980	11.6	-	-	-
1981	12.3	-	-	-
FORT LAUDERDALE-HOLLYWOOD				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	266.8	-	-	-
1978	299.9	-	-	-
1979	328.7	-	-	-
1980	349.3	-	-	-
1981	362.0	-	-	-
CONSTRUCTION				
1977	19.2	-	-	-
1978	23.5	-	-	-
1979	28.5	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
FORT LAUDERDALE-HOLLYWOOD (Con.)				
CONSTRUCTION (Con.)				
1980	32.2	-	-	-
1981	30.7	-	-	-
MANUFACTURING				
1977	38.9	185.73	41.0	4.53
1978	36.1	194.17	40.2	4.83
1979	39.9	210.71	40.6	5.19
1980	41.3	225.76	40.1	5.63
1981	41.4	251.12	40.7	6.17
DURABLE GOODS				
1977	23.0	-	-	-
1978	26.9	-	-	-
1979	29.9	-	-	-
1980	31.1	-	-	-
1981	31.1	-	-	-
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	1.3	-	-	-
1978	1.6	-	-	-
1979	1.5	-	-	-
1980	1.6	-	-	-
1981	1.7	-	-	-
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	4.9	-	-	-
1978	5.9	-	-	-
1979	6.7	-	-	-
1980	7.4	-	-	-
1981	7.5	-	-	-
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	8.8	-	-	-
1978	10.0	-	-	-
1979	11.2	-	-	-
1980	11.4	-	-	-
1981	11.1	-	-	-
TRANSPORTATION EQUIPMENT — SIC 37				
1977	2.0	-	-	-
1978	2.5	-	-	-
1979	2.8	-	-	-
1980	2.8	-	-	-
1981	2.8	-	-	-
NONDURABLE GOODS				
1977	7.9	-	-	-
1978	9.2	-	-	-
1979	10.0	-	-	-
1980	10.2	-	-	-
1981	10.3	-	-	-
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	1.2	-	-	-
1978	1.4	-	-	-
1979	1.5	-	-	-
1980	1.6	-	-	-
1981	1.7	-	-	-
PRINTING AND PUBLISHING — SIC 27				
1977	3.2	-	-	-
1978	3.6	-	-	-
1979	4.1	-	-	-
1980	4.3	-	-	-
1981	4.5	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	13.5	-	-	-
1978	14.4	-	-	-
1979	15.9	-	-	-
1980	16.8	-	-	-
1981	17.6	-	-	-
TRUCKING AND WAREHOUSING — SIC 42				
1977	1.8	-	-	-
1978	1.9	-	-	-
1979	2.1	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
FORT LAUDERDALE-HOLLYWOOD (Con.)				
TRUCKING AND WAREHOUSING — SIC 42 (Con.)				
1980	2.1	-	-	-
1981	2.1	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	78.2	-	-	-
1978	87.5	-	-	-
1979	96.9	-	-	-
1980	103.5	-	-	-
1981	106.0	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	10.8	-	-	-
1978	12.8	-	-	-
1979	14.8	-	-	-
1980	16.7	-	-	-
1981	17.4	-	-	-
RETAIL TRADE — SIC 52-59				
1977	67.4	-	-	-
1978	74.7	-	-	-
1979	82.1	-	-	-
1980	86.8	-	-	-
1981	88.6	-	-	-
BUILDING MATERIALS AND GARDEN SUPPLIES — SIC 52				
1977	2.5	-	-	-
1978	2.8	-	-	-
1979	3.1	-	-	-
1980	3.3	-	-	-
1981	3.4	-	-	-
GENERAL MERCHANDISE STORES — SIC 53				
1977	9.6	-	-	-
1978	10.9	-	-	-
1979	12.0	-	-	-
1980	12.2	-	-	-
1981	12.1	-	-	-
FOOD STORES — SIC 54				
1977	10.3	-	-	-
1978	11.1	-	-	-
1979	12.4	-	-	-
1980	13.7	-	-	-
1981	14.8	-	-	-
AUTOMOTIVE DEALERS AND SERVICE STATIONS — SIC 55				
1977	8.1	-	-	-
1978	8.8	-	-	-
1979	8.8	-	-	-
1980	9.2	-	-	-
1981	9.7	-	-	-
APPAREL AND ACCESSORY STORES — SIC 56				
1977	4.3	-	-	-
1978	4.7	-	-	-
1979	5.1	-	-	-
1980	5.3	-	-	-
1981	5.6	-	-	-
FURNITURE AND HOME FURNISHINGS STORES — SIC 57				
1977	3.1	-	-	-
1978	3.8	-	-	-
1979	4.0	-	-	-
1980	4.2	-	-	-
1981	4.0	-	-	-
EATING AND DRINKING PLACES — SIC 58				
1977	21.6	-	-	-
1978	24.6	-	-	-
1979	27.5	-	-	-
1980	29.2	-	-	-
1981	28.9	-	-	-
MISCELLANEOUS RETAIL — SIC 59				
1977	7.8	-	-	-
1978	8.0	-	-	-
1979	9.2	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Production or nonsupervisory workers: Average weekly hours	Production or nonsupervisory workers: Average hourly earnings (dollars)
FORT LAUDERDALE-HOLLYWOOD (Con.)				
MISCELLANEOUS RETAIL — SIC 59 (Con.)				
1980	9.7	-	-	-
1981	10.1	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	21.8	-	-	-
1978	24.0	-	-	-
1979	27.0	-	-	-
1980	29.6	-	-	-
1981	31.5	-	-	-
BANKING — SIC 60				
1977	4.3	-	-	-
1978	4.7	-	-	-
1979	5.1	-	-	-
1980	5.6	-	-	-
1981	6.3	-	-	-
INSURANCE CARRIERS — SIC 63				
1977	1.8	-	-	-
1978	2.1	-	-	-
1979	2.4	-	-	-
1980	2.5	-	-	-
1981	2.3	-	-	-
REAL ESTATE — SIC 65				
1977	8.1	-	-	-
1978	8.6	-	-	-
1979	9.8	-	-	-
1980	10.9	-	-	-
1981	11.3	-	-	-
SERVICES AND MINING				
1977	64.2	-	-	-
1978	71.5	-	-	-
1979	76.8	-	-	-
1980	82.0	-	-	-
1981	86.7	-	-	-
HOTELS AND OTHER LODGING PLACES — SIC 70				
1977	7.4	-	-	-
1978	8.4	-	-	-
1979	8.7	-	-	-
1980	9.1	-	-	-
1981	9.2	-	-	-
PERSONAL SERVICES — SIC 72				
1977	4.9	-	-	-
1978	4.9	-	-	-
1979	5.0	-	-	-
1980	5.4	-	-	-
1981	5.6	-	-	-
AMUSEMENT AND RECREATION SERVICES — SIC 79				
1977	4.8	-	-	-
1978	5.0	-	-	-
1979	5.2	-	-	-
1980	5.6	-	-	-
1981	6.4	-	-	-
HEALTH SERVICES — SIC 80				
1977	16.7	-	-	-
1978	17.9	-	-	-
1979	18.9	-	-	-
1980	20.4	-	-	-
1981	21.6	-	-	-
GOVERNMENT				
1977	39.0	-	-	-
1978	42.9	-	-	-
1979	43.7	-	-	-
1980	43.9	-	-	-
1981	48.1	-	-	-
FEDERAL GOVERNMENT				
1977	2.8	-	-	-
1978	2.8	-	-	-
1979	3.0	-	-	-
FORT LAUDERDALE-HOLLYWOOD (Con.)				
FEDERAL GOVERNMENT (Con.)				
1980	3.8	-	-	-
1981	3.1	-	-	-
STATE GOVERNMENT				
1977	4.5	-	-	-
1978	5.2	-	-	-
1979	5.1	-	-	-
1980	5.0	-	-	-
1981	5.2	-	-	-
LOCAL GOVERNMENT				
1977	31.7	-	-	-
1978	34.9	-	-	-
1979	35.6	-	-	-
1980	35.1	-	-	-
1981	39.8	-	-	-
FORT MYERS-CAPE CORAL				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1978	57.3	-	-	-
1979	61.4	-	-	-
1980	66.6	-	-	-
1981	71.4	-	-	-
CONSTRUCTION				
1978	7.1	-	-	-
1979	7.9	-	-	-
1980	8.5	-	-	-
1981	8.9	-	-	-
MANUFACTURING				
1978	3.6	-	-	-
1979	3.8	-	-	-
1980	3.7	-	-	-
1981	3.8	-	-	-
DURABLE GOODS				
1978	2.3	-	-	-
1979	2.5	-	-	-
1980	2.2	-	-	-
1981	2.2	-	-	-
NONDURABLE GOODS				
1978	1.3	-	-	-
1979	1.3	-	-	-
1980	1.5	-	-	-
1981	1.6	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1978	3.3	-	-	-
1979	3.5	-	-	-
1980	3.8	-	-	-
1981	4.3	-	-	-
WHOLESALE AND RETAIL TRADE				
1978	16.5	-	-	-
1979	18.3	-	-	-
1980	19.8	-	-	-
1981	20.6	-	-	-
WHOLESALE TRADE — SIC 50,51				
1978	2.5	-	-	-
1979	2.9	-	-	-
1980	3.2	-	-	-
1981	3.4	-	-	-
RETAIL TRADE — SIC 52-59				
1978	14.0	-	-	-
1979	15.4	-	-	-
1980	16.6	-	-	-
1981	17.2	-	-	-
GENERAL MERCHANDISE STORES — SIC 53				
1978	2.2	-	-	-
1979	2.5	-	-	-
1980	2.7	-	-	-
1981	2.7	-	-	-
FORT MYERS-CAPE CORAL (Con.)				
FOOD STORES — SIC 54				
1978	2.2	-	-	-
1979	2.4	-	-	-
1980	2.8	-	-	-
1981	2.7	-	-	-
AUTOMOTIVE DEALERS AND SERVICE STATIONS — SIC 55				
1978	1.7	-	-	-
1979	1.7	-	-	-
1980	1.8	-	-	-
1981	1.9	-	-	-
EATING AND DRINKING PLACES — SIC 58				
1978	4.0	-	-	-
1979	4.4	-	-	-
1980	4.8	-	-	-
1981	4.9	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1978	4.5	-	-	-
1979	5.2	-	-	-
1980	5.9	-	-	-
1981	6.5	-	-	-
BANKING — SIC 60				
1978	1.2	-	-	-
1979	1.4	-	-	-
1980	1.6	-	-	-
1981	1.7	-	-	-
REAL ESTATE — SIC 65				
1978	2.1	-	-	-
1979	2.5	-	-	-
1980	3.0	-	-	-
1981	3.4	-	-	-
SERVICES AND MINING				
1978	11.3	-	-	-
1979	12.3	-	-	-
1980	14.2	-	-	-
1981	16.2	-	-	-
HOTELS AND OTHER LODGING PLACES — SIC 70				
1978	1.8	-	-	-
1979	1.8	-	-	-
1980	2.0	-	-	-
1981	2.4	-	-	-
HEALTH SERVICES — SIC 80				
1978	2.5	-	-	-
1979	3.1	-	-	-
1980	3.6	-	-	-
1981	4.2	-	-	-
GOVERNMENT				
1978	11.0	-	-	-
1979	10.4	-	-	-
1980	10.7	-	-	-
1981	11.1	-	-	-
FEDERAL GOVERNMENT				
1978	.6	-	-	-
1979	.6	-	-	-
1980	.8	-	-	-
1981	.8	-	-	-
STATE GOVERNMENT				
1978	1.8	-	-	-
1979	1.9	-	-	-
1980	1.9	-	-	-
1981	2.0	-	-	-
LOCAL GOVERNMENT				
1978	8.6	-	-	-
1979	7.9	-	-	-
1980	8.0	-	-	-
1981	8.3	-	-	-

See footnotes at end of tables.

FLORIDA

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
GAINESVILLE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	56.6	-	-	-
1978	60.3	-	-	-
1979	63.5	-	-	-
1980	67.1	-	-	-
1981	68.6	-	-	-
CONSTRUCTION				
1977	2.8	-	-	-
1978	3.2	-	-	-
1979	3.2	-	-	-
1980	3.5	-	-	-
1981	3.4	-	-	-
MANUFACTURING				
1977	4.2	-	-	-
1978	3.9	-	-	-
1979	4.1	-	-	-
1980	4.2	-	-	-
1981	4.4	-	-	-
DURABLE GOODS				
1977	2.8	-	-	-
1978	2.7	-	-	-
1979	3.2	-	-	-
1980	3.3	-	-	-
1981	3.5	-	-	-
NONDURABLE GOODS				
1977	1.4	-	-	-
1978	1.2	-	-	-
1979	.9	-	-	-
1980	.9	-	-	-
1981	.9	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	1.4	-	-	-
1978	1.5	-	-	-
1979	1.6	-	-	-
1980	1.6	-	-	-
1981	1.6	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	11.7	-	-	-
1978	13.5	-	-	-
1979	13.8	-	-	-
1980	14.0	-	-	-
1981	14.4	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	1.8	-	-	-
1978	2.0	-	-	-
1979	2.0	-	-	-
1980	2.1	-	-	-
1981	2.1	-	-	-
RETAIL TRADE — SIC 52-59				
1977	9.9	-	-	-
1978	11.5	-	-	-
1979	11.8	-	-	-
1980	11.9	-	-	-
1981	12.3	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	2.4	-	-	-
1978	2.5	-	-	-
1979	2.7	-	-	-
1980	2.8	-	-	-
1981	3.0	-	-	-
SERVICES AND MINING				
1977	7.4	-	-	-
1978	9.0	-	-	-
1979	10.4	-	-	-
1980	12.2	-	-	-
1981	14.1	-	-	-
GAINESVILLE (Con.)				
GOVERNMENT				
1977	26.7	-	-	-
1978	26.7	-	-	-
1979	27.7	-	-	-
1980	28.8	-	-	-
1981	27.7	-	-	-
FEDERAL GOVERNMENT				
1977	2.1	-	-	-
1978	2.1	-	-	-
1979	2.2	-	-	-
1980	2.4	-	-	-
1981	2.5	-	-	-
STATE GOVERNMENT				
1977	17.6	-	-	-
1978	18.3	-	-	-
1979	19.4	-	-	-
1980	20.0	-	-	-
1981	18.6	-	-	-
LOCAL GOVERNMENT				
1977	7.0	-	-	-
1978	6.3	-	-	-
1979	6.1	-	-	-
1980	6.4	-	-	-
1981	6.6	-	-	-
JACKSONVILLE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	266.7	-	-	-
1978	279.6	-	-	-
1979	286.8	-	-	-
1980	293.8	-	-	-
1981	299.9	-	-	-
CONSTRUCTION				
1977	15.1	-	-	-
1978	15.7	-	-	-
1979	15.7	-	-	-
1980	16.4	-	-	-
1981	18.0	-	-	-
MANUFACTURING				
1977	31.4	223.45	41.0	5.45
1978	33.0	243.36	40.9	5.95
1979	34.5	259.31	40.9	6.34
1980	33.9	283.03	40.9	6.92
1981	34.1	315.51	41.9	7.53
DURABLE GOODS				
1977	13.8	-	-	-
197?	15.1	-	-	-
1979	16.2	-	-	-
1980	15.8	-	-	-
1981	16.3	-	-	-
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	1.9	-	-	-
1978	2.0	-	-	-
1979	2.0	-	-	-
1980	1.9	-	-	-
1981	1.8	-	-	-
FABRICATED METAL PRODUCTS — SIC 34				
1977	3.2	-	-	-
1978	3.0	-	-	-
1979	3.1	-	-	-
1980	3.1	-	-	-
1981	3.2	-	-	-
TRANSPORTATION EQUIPMENT — SIC 37				
1977	3.8	-	-	-
1978	4.4	-	-	-
1979	5.0	-	-	-
1980	4.7	-	-	-
1981	4.9	-	-	-
JACKSONVILLE (Con.)				
NONDURABLE GOODS				
1977	17.6	-	-	-
1978	17.9	-	-	-
1979	18.3	-	-	-
1980	18.1	-	-	-
1981	17.8	-	-	-
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	5.8	195.60	40.0	4.89
1978	5.6	197.60	39.6	4.99
1979	5.9	192.94	39.7	4.86
1980	5.7	222.68	41.7	5.34
1981	5.3	243.95	43.1	5.66
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	4.4	293.23	44.7	6.56
1978	4.5	347.86	47.2	7.37
1979	4.6	361.38	45.4	7.96
1980	4.5	401.79	45.4	8.85
1981	4.5	449.15	46.4	9.68
PRINTING AND PUBLISHING — SIC 27				
1977	2.9	-	-	-
1978	3.0	-	-	-
1979	3.1	-	-	-
1980	3.2	-	-	-
1981	3.3	-	-	-
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	2.1	259.37	43.3	5.99
1978	2.1	289.87	41.0	7.07
1979	2.1	320.12	42.4	7.55
1980	2.2	337.82	40.8	8.28
1981	2.3	410.74	44.5	9.23
TRANSPORTATION AND PUBLIC UTILITIES				
1977	21.6	-	-	-
1978	22.2	-	-	-
1979	23.4	-	-	-
1980	24.5	-	-	-
1981	24.7	-	-	-
RAILROAD TRANSPORTATION — SIC 40				
1977	4.6	-	-	-
1978	4.6	-	-	-
1979	4.6	-	-	-
1980	4.6	-	-	-
1981	4.4	-	-	-
TRUCKING AND WAREHOUSING — SIC 42				
1977	5.6	-	-	-
1978	6.1	-	-	-
1979	6.7	-	-	-
1980	6.9	-	-	-
1981	6.9	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	69.9	-	-	-
1978	73.4	-	-	-
1979	74.8	-	-	-
1980	75.5	-	-	-
1981	78.1	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	20.8	-	-	-
1978	21.6	-	-	-
1979	22.5	-	-	-
1980	23.0	-	-	-
1981	23.8	-	-	-
RETAIL TRADE — SIC 52-59				
1977	49.1	-	-	-
1978	51.8	-	-	-
1979	52.3	-	-	-
1980	52.5	-	-	-
1981	54.3	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
JACKSONVILLE (Con.)				
BUILDING MATERIALS AND GARDEN SUPPLIES — SIC 52				
1977	1.9	-	-	-
1978	2.1	-	-	-
1979	2.1	-	-	-
1980	2.3	-	-	-
1981	2.3	-	-	-
GENERAL MERCHANDISE STORES — SIC 53				
1977	9.6	-	-	-
1978	9.9	-	-	-
1979	9.3	-	-	-
1980	9.0	-	-	-
1981	9.7	-	-	-
FOOD STORES — SIC 54				
1977	8.2	-	-	-
1978	8.5	-	-	-
1979	8.9	-	-	-
1980	9.1	-	-	-
1981	9.6	-	-	-
AUTOMOTIVE DEALERS AND SERVICE STATIONS — SIC 55				
1977	7.2	-	-	-
1978	7.5	-	-	-
1979	7.0	-	-	-
1980	6.6	-	-	-
1981	6.5	-	-	-
APPAREL AND ACCESSORY STORES — SIC 56				
1977	2.6	-	-	-
1978	2.8	-	-	-
1979	2.9	-	-	-
1980	2.9	-	-	-
1981	3.1	-	-	-
FURNITURE AND HOME FURNISHINGS STORES — SIC 57				
1977	1.7	-	-	-
1978	2.0	-	-	-
1979	2.2	-	-	-
1980	2.2	-	-	-
1981	2.3	-	-	-
EATING AND DRINKING PLACES — SIC 58				
1977	12.0	-	-	-
1978	12.8	-	-	-
1979	13.6	-	-	-
1980	14.2	-	-	-
1981	14.5	-	-	-
MISCELLANEOUS RETAIL — SIC 59				
1977	5.9	-	-	-
1978	6.2	-	-	-
1979	6.3	-	-	-
1980	6.2	-	-	-
1981	6.3	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	27.5	-	-	-
1978	27.4	-	-	-
1979	27.4	-	-	-
1980	27.8	-	-	-
1981	28.1	-	-	-
BANKING — SIC 60				
1977	5.2	-	-	-
1978	5.1	-	-	-
1979	5.2	-	-	-
1980	5.2	-	-	-
1981	5.4	-	-	-
INSURANCE CARRIERS — SIC 63				
1977	12.9	-	-	-
1978	12.8	-	-	-
1979	12.7	-	-	-
1980	12.5	-	-	-
1981	12.4	-	-	-
JACKSONVILLE (Con.)				
SERVICES AND MINING				
1977	50.1	-	-	-
1978	54.8	-	-	-
1979	58.2	-	-	-
1980	62.1	-	-	-
1981	63.8	-	-	-
HOTELS AND OTHER LODGING PLACES — SIC 70				
1977	3.8	-	-	-
1978	4.0	-	-	-
1979	4.6	-	-	-
1980	4.7	-	-	-
1981	5.1	-	-	-
PERSONAL SERVICES — SIC 72				
1977	3.2	-	-	-
1978	3.3	-	-	-
1979	3.4	-	-	-
1980	3.4	-	-	-
1981	3.3	-	-	-
HEALTH SERVICES — SIC 80				
1977	13.4	-	-	-
1978	14.2	-	-	-
1979	15.0	-	-	-
1980	16.2	-	-	-
1981	17.4	-	-	-
GOVERNMENT				
1977	51.1	-	-	-
1978	53.1	-	-	-
1979	52.8	-	-	-
1980	53.6	-	-	-
1981	53.1	-	-	-
FEDERAL GOVERNMENT				
1977	13.6	-	-	-
1978	14.0	-	-	-
1979	13.5	-	-	-
1980	14.0	-	-	-
1981	13.9	-	-	-
STATE GOVERNMENT				
1977	6.6	-	-	-
1978	6.9	-	-	-
1979	7.1	-	-	-
1980	7.2	-	-	-
1981	7.4	-	-	-
LOCAL GOVERNMENT				
1977	30.9	-	-	-
1978	32.2	-	-	-
1979	32.2	-	-	-
1980	32.4	-	-	-
1981	31.8	-	-	-
LAKELAND-WINTER HAVEN				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1978	106.6	-	-	-
1979	112.7	-	-	-
1980	119.0	-	-	-
1981	123.1	-	-	-
MINING				
1978	5.5	-	-	-
1979	5.6	-	-	-
1980	6.0	-	-	-
1981	6.0	-	-	-
NONMETALLIC MINERALS, EXCEPT FUELS — SIC 14				
1978	5.5	284.65	44.2	6.44
1979	5.6	305.61	44.1	6.93
1980	6.0	317.89	42.9	7.41
1981	6.0	358.90	44.2	8.12
LAKELAND-WINTER HAVEN (Con.)				
CONSTRUCTION				
1978	7.6	-	-	-
1979	8.2	-	-	-
1980	8.7	-	-	-
1981	10.1	-	-	-
MANUFACTURING				
1978	19.6	231.69	44.3	5.23
1979	21.0	259.92	45.6	5.70
1980	22.3	[1] 282.00	[1] 44.2	[1] 6.38
1981	23.2	299.81	43.2	6.94
DURABLE GOODS				
1978	6.9	-	-	-
1979	7.9	-	-	-
1980	8.8	-	-	-
1981	9.2	-	-	-
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1978	1.3	-	-	-
1979	1.3	-	-	-
1980	1.3	-	-	-
1981	1.3	-	-	-
FABRICATED METAL PRODUCTS — SIC 34				
1978	1.0	-	-	-
1979	1.0	-	-	-
1980	1.3	-	-	-
1981	1.2	-	-	-
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1978	1.2	-	-	-
1979	1.4	-	-	-
1980	1.6	-	-	-
1981	1.6	-	-	-
TRANSPORTATION EQUIPMENT — SIC 37				
1978	1.4	-	-	-
1979	1.8	-	-	-
1980	2.0	-	-	-
1981	2.1	-	-	-
NONDURABLE GOODS				
1978	12.7	-	-	-
1979	13.1	-	-	-
1980	13.5	-	-	-
1981	14.0	-	-	-
FOOD AND KINDRED PRODUCTS — SIC 20				
1978	6.1	197.66	46.4	4.26
1979	5.9	214.08	49.1	4.36
1980	6.0	234.73	48.2	4.87
1981	6.5	249.24	45.9	5.43
PRINTING AND PUBLISHING — SIC 27				
1978	.7	-	-	-
1979	.8	-	-	-
1980	.8	-	-	-
1981	.8	-	-	-
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1978	4.7	256.32	44.5	5.76
1979	5.1	329.24	46.7	7.05
1980	5.4	[1] 371.44	[1] 45.8	[1] 8.11
1981	5.5	388.39	44.9	8.65
TRANSPORTATION AND PUBLIC UTILITIES				
1978	4.8	-	-	-
1979	4.9	-	-	-
1980	5.3	-	-	-
1981	5.3	-	-	-
TRUCKING AND WAREHOUSING — SIC 42				
1978	2.4	-	-	-
1979	2.5	-	-	-
1980	2.7	-	-	-
1981	2.8	-	-	-

See footnotes at end of tables.

FLORIDA

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
LAKELAND-WINTER HAVEN (Con.)				
WHOLESALE AND RETAIL TRADE				
1978	26.6	–	–	–
1979	28.2	–	–	–
1980	30.2	–	–	–
1981	30.6	–	–	–
WHOLESALE TRADE — SIC 50,51				
1978	5.2	–	–	–
1979	5.7	–	–	–
1980	6.5	–	–	–
1981	6.8	–	–	–
RETAIL TRADE — SIC 52-59				
1978	21.4	–	–	–
1979	22.5	–	–	–
1980	23.7	–	–	–
1981	23.8	–	–	–
GENERAL MERCHANDISE STORES — SIC 53				
1978	2.9	–	–	–
1979	2.9	–	–	–
1980	2.9	–	–	–
1981	2.8	–	–	–
FOOD STORES — SIC 54				
1978	4.9	–	–	–
1979	5.3	–	–	–
1980	5.8	–	–	–
1981	6.0	–	–	–
AUTOMOTIVE DEALERS AND SERVICE STATIONS — SIC 55				
1978	2.9	–	–	–
1979	2.9	–	–	–
1980	2.9	–	–	–
1981	2.8	–	–	–
EATING AND DRINKING PLACES — SIC 58				
1978	5.2	–	–	–
1979	5.5	–	–	–
1980	5.9	–	–	–
1981	5.9	–	–	–
FINANCE, INSURANCE, AND REAL ESTATE				
1978	5.6	–	–	–
1979	6.1	–	–	–
1980	6.6	–	–	–
1981	6.8	–	–	–
BANKING — SIC 60				
1978	1.3	–	–	–
1979	1.4	–	–	–
1980	1.6	–	–	–
1981	1.6	–	–	–
INSURANCE CARRIERS — SIC 63				
1978	1.9	–	–	–
1979	2.0	–	–	–
1980	2.0	–	–	–
1981	2.0	–	–	–
SERVICES				
1978	20.2	–	–	–
1979	22.1	–	–	–
1980	23.2	–	–	–
1981	24.2	–	–	–
HOTELS AND OTHER LODGING PLACES — SIC 70				
1978	1.6	–	–	–
1979	1.1	–	–	–
1980	1.5	–	–	–
1981	1.6	–	–	–
HEALTH SERVICES — SIC 80				
1978	6.2	–	–	–
1979	6.6	–	–	–
1980	7.1	–	–	–
1981	7.5	–	–	–

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
LAKELAND-WINTER HAVEN (Con.)				
EDUCATIONAL SERVICES — SIC 82				
1978	1.3	–	–	–
1979	1.6	–	–	–
1980	1.5	–	–	–
1981	1.3	–	–	–
GOVERNMENT				
1978	16.7	–	–	–
1979	16.6	–	–	–
1980	16.7	–	–	–
1981	16.9	–	–	–
MELBOURNE-TITUSVILLE-COCOA				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1978	89.0	–	–	–
1979	97.5	–	–	–
1980	102.2	–	–	–
1981	106.4	–	–	–
CONSTRUCTION				
1978	5.4	–	–	–
1979	6.4	–	–	–
1980	6.3	–	–	–
1981	6.6	–	–	–
MANUFACTURING				
1978	16.9	–	–	–
1979	20.4	–	–	–
1980	22.8	–	–	–
1981	23.7	–	–	–
DURABLE GOODS				
1978	15.8	–	–	–
1979	18.9	–	–	–
1980	21.3	–	–	–
1981	22.1	–	–	–
MACHINERY, AND INSTRUMENTS — SIC 35,36,38				
1978	10.6	–	–	–
1979	12.6	–	–	–
1980	14.0	–	–	–
1981	14.7	–	–	–
TRANSPORTATION EQUIPMENT — SIC 37				
1978	4.3	–	–	–
1979	5.4	–	–	–
1980	6.3	–	–	–
1981	6.2	–	–	–
NONDURABLE GOODS				
1978	1.1	–	–	–
1979	1.5	–	–	–
1980	1.5	–	–	–
1981	1.6	–	–	–
TRANSPORTATION AND PUBLIC UTILITIES				
1978	4.0	–	–	–
1979	4.4	–	–	–
1980	4.6	–	–	–
1981	4.6	–	–	–
WHOLESALE AND RETAIL TRADE				
1978	19.3	–	–	–
1979	20.9	–	–	–
1980	21.5	–	–	–
1981	22.6	–	–	–
WHOLESALE TRADE — SIC 50,51				
1978	2.1	–	–	–
1979	2.3	–	–	–
1980	2.5	–	–	–
1981	2.6	–	–	–
RETAIL TRADE — SIC 52-59				
1978	17.2	–	–	–
1979	18.6	–	–	–
1980	19.0	–	–	–
1981	20.0	–	–	–

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
MELBOURNE-TITUSVILLE-COCOA (Con.)				
GENERAL MERCHANDISE STORES — SIC 53				
1978	2.8	–	–	–
1979	2.7	–	–	–
1980	2.8	–	–	–
1981	2.6	–	–	–
FOOD STORES — SIC 54				
1978	2.8	–	–	–
1979	3.0	–	–	–
1980	3.1	–	–	–
1981	3.4	–	–	–
AUTOMOTIVE DEALERS AND SERVICE STATIONS — SIC 55				
1978	2.6	–	–	–
1979	2.5	–	–	–
1980	2.6	–	–	–
1981	2.7	–	–	–
EATING AND DRINKING PLACES — SIC 58				
1978	5.1	–	–	–
1979	5.9	–	–	–
1980	6.1	–	–	–
1981	6.5	–	–	–
FINANCE, INSURANCE, AND REAL ESTATE				
1978	3.7	–	–	–
1979	4.0	–	–	–
1980	4.0	–	–	–
1981	4.3	–	–	–
SERVICES AND MINING				
1978	20.7	–	–	–
1979	22.9	–	–	–
1980	24.3	–	–	–
1981	25.8	–	–	–
HOTELS AND OTHER LODGING PLACES — SIC 70				
1978	1.4	–	–	–
1979	1.5	–	–	–
1980	1.7	–	–	–
1981	1.7	–	–	–
BUSINESS SERVICES — SIC 73				
1978	2.4	–	–	–
1979	3.2	–	–	–
1980	3.8	–	–	–
1981	4.3	–	–	–
HEALTH SERVICES — SIC 80				
1978	4.2	–	–	–
1979	4.5	–	–	–
1980	4.7	–	–	–
1981	5.0	–	–	–
GOVERNMENT				
1978	19.0	–	–	–
1979	18.5	–	–	–
1980	18.7	–	–	–
1981	18.8	–	–	–
FEDERAL GOVERNMENT				
1978	5.5	–	–	–
1979	5.6	–	–	–
1980	5.6	–	–	–
1981	5.6	–	–	–
MIAMI				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	616.9	–	–	–
1978	653.4	–	–	–
1979	689.6	–	–	–
1980	730.5	–	–	–
1981	745.7	–	–	–
CONSTRUCTION				
1977	25.9	–	–	–
1978	30.2	–	–	–

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
MIAMI (Con.)				
CONSTRUCTION (Con.)				
1979	34.8	-	-	-
1980	39.6	-	-	-
1981	40.3	-	-	-
MANUFACTURING				
1977	90.5	161.57	39.6	4.08
1978	96.2	177.41	39.6	4.48
1979	98.6	193.52	39.9	4.85
1980	99.7	206.32	39.6	5.21
1981	99.3	232.22	41.1	5.65
DURABLE GOODS				
1977	37.1	-	-	-
1978	39.8	-	-	-
1979	41.5	-	-	-
1980	42.8	-	-	-
1981	41.9	-	-	-
FURNITURE AND FIXTURES — SIC 25				
1977	3.6	170.88	38.4	4.45
1978	4.0	170.45	40.2	4.24
1979	4.3	187.79	38.8	4.84
1980	4.4	[1] 195.28	[1] 38.9	[1] 5.02
1981	4.3	210.80	40.0	5.27
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	2.8	-	-	-
1978	3.6	-	-	-
1979	3.2	-	-	-
1980	3.3	-	-	-
1981	3.5	-	-	-
FABRICATED METAL PRODUCTS — SIC 34				
1977	7.8	-	-	-
1978	8.2	-	-	-
1979	8.7	-	-	-
1980	8.7	-	-	-
1981	8.8	-	-	-
MACHINERY — SIC 35,36				
1977	9.4	176.85	39.3	4.50
1978	10.6	198.92	41.1	4.84
1979	10.9	216.01	41.7	5.18
1980	11.5	[1] 234.60	[1] 39.1	[1] 6.00
1981	10.8	263.20	40.0	6.58
TRANSPORTATION EQUIPMENT — SIC 37				
1977	3.6	192.50	38.5	5.00
1978	3.6	217.01	39.6	5.48
1979	3.8	231.19	37.9	6.10
1980	3.5	249.48	39.6	6.30
1981	3.7	261.45	40.1	6.52
NONDURABLE GOODS				
1977	53.4	-	-	-
1978	56.4	-	-	-
1979	57.1	-	-	-
1980	56.9	-	-	-
1981	57.4	-	-	-
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	6.5	201.18	47.9	4.20
1978	6.4	228.62	46.0	4.97
1979	6.3	232.66	44.4	5.24
1980	6.4	[1] 244.78	[1] 43.4	[1] 5.64
1981	6.4	253.43	43.1	5.88
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	20.6	123.50	37.2	3.32
1978	22.2	132.80	37.2	3.57
1979	22.0	141.34	37.0	3.82
1980	21.6	[1] 157.47	[1] 38.5	[1] 4.09
1981	21.0	173.11	38.9	4.45
PRINTING AND PUBLISHING — SIC 27				
1977	7.3	-	-	-
1978	7.9	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
MIAMI (Con.)				
PRINTING AND PUBLISHING — SIC 27 (Con.)				
1979	8.5	-	-	-
1980	9.4	-	-	-
1981	10.8	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	59.6	-	-	-
1978	62.2	-	-	-
1979	67.9	-	-	-
1980	72.1	-	-	-
1981	73.6	-	-	-
LOCAL AND INTERURBAN PASSENGER TRANSIT — SIC 41				
1977	1.5	-	-	-
1978	1.4	-	-	-
1979	1.5	-	-	-
1980	1.6	-	-	-
1981	1.5	-	-	-
TRUCKING AND WAREHOUSING — SIC 42				
1977	6.5	-	-	-
1978	7.2	-	-	-
1979	7.4	-	-	-
1980	7.5	-	-	-
1981	7.6	-	-	-
TRANSPORTATION BY AIR — SIC 45				
1977	25.7	-	-	-
1978	26.9	-	-	-
1979	29.8	-	-	-
1980	31.9	-	-	-
1981	31.5	-	-	-
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	16.4	-	-	-
1978	16.5	-	-	-
1979	18.3	-	-	-
1980	19.7	-	-	-
1981	21.1	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	160.1	-	-	-
1978	169.7	-	-	-
1979	180.4	-	-	-
1980	192.4	-	-	-
1981	197.5	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	47.8	-	-	-
1978	51.3	-	-	-
1979	55.9	-	-	-
1980	60.4	-	-	-
1981	62.2	-	-	-
RETAIL TRADE — SIC 52-59				
1977	112.3	-	-	-
1978	118.4	-	-	-
1979	124.5	-	-	-
1980	132.0	-	-	-
1981	135.3	-	-	-
BUILDING MATERIALS AND GARDEN SUPPLIES — SIC 52				
1977	3.2	-	-	-
1978	3.7	-	-	-
1979	4.3	-	-	-
1980	4.3	-	-	-
1981	4.6	-	-	-
GENERAL MERCHANDISE STORES — SIC 53				
1977	21.2	-	-	-
1978	22.0	-	-	-
1979	22.8	-	-	-
1980	22.7	-	-	-
1981	23.6	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
MIAMI (Con.)				
FOOD STORES — SIC 54				
1977	17.0	-	-	-
1978	17.4	-	-	-
1979	18.7	-	-	-
1980	20.2	-	-	-
1981	20.9	-	-	-
AUTOMOTIVE DEALERS AND SERVICE STATIONS — SIC 55				
1977	13.1	-	-	-
1978	13.6	-	-	-
1979	13.2	-	-	-
1980	13.7	-	-	-
1981	14.1	-	-	-
APPAREL AND ACCESSORY STORES — SIC 56				
1977	9.0	-	-	-
1978	9.7	-	-	-
1979	10.2	-	-	-
1980	10.8	-	-	-
1981	11.4	-	-	-
FURNITURE AND HOME FURNISHINGS STORES — SIC 57				
1977	4.2	-	-	-
1978	4.7	-	-	-
1979	5.5	-	-	-
1980	6.3	-	-	-
1981	6.5	-	-	-
EATING AND DRINKING PLACES — SIC 58				
1977	31.5	-	-	-
1978	33.8	-	-	-
1979	35.3	-	-	-
1980	38.1	-	-	-
1981	37.8	-	-	-
MISCELLANEOUS RETAIL — SIC 59				
1977	13.1	-	-	-
1978	13.5	-	-	-
1979	14.5	-	-	-
1980	15.9	-	-	-
1981	16.4	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	44.9	-	-	-
1978	47.0	-	-	-
1979	49.0	-	-	-
1980	53.6	-	-	-
1981	57.6	-	-	-
SERVICES AND MINING				
1977	147.3	-	-	-
1978	157.6	-	-	-
1979	167.3	-	-	-
1980	176.9	-	-	-
1981	182.2	-	-	-
HOTELS AND OTHER LODGING PLACES — SIC 70				
1977	17.7	-	-	-
1978	18.5	-	-	-
1979	19.7	-	-	-
1980	20.8	-	-	-
1981	20.0	-	-	-
PERSONAL SERVICES — SIC 72				
1977	8.8	-	-	-
1978	9.0	-	-	-
1979	9.3	-	-	-
1980	9.7	-	-	-
1981	9.8	-	-	-
BUSINESS SERVICES — SIC 73				
1977	25.6	-	-	-
1978	28.5	-	-	-
1979	30.9	-	-	-
1980	34.2	-	-	-
1981	36.1	-	-	-

See footnotes at end of tables.

FLORIDA

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
MIAMI (Con.)				
MOTION PICTURES — SIC 78				
1977	1.2	-	-	-
1978	1.3	-	-	-
1979	1.2	-	-	-
1980	1.4	-	-	-
1981	1.7	-	-	-
AMUSEMENT AND RECREATION SERVICES — SIC 79				
1977	8.3	-	-	-
1978	9.1	-	-	-
1979	9.5	-	-	-
1980	9.9	-	-	-
1981	9.9	-	-	-
HEALTH SERVICES — SIC 80				
1977	38.0	-	-	-
1978	39.8	-	-	-
1979	41.6	-	-	-
1980	43.9	-	-	-
1981	46.2	-	-	-
GOVERNMENT				
1977	88.6	-	-	-
1978	90.5	-	-	-
1979	91.6	-	-	-
1980	96.2	-	-	-
1981	95.2	-	-	-
FEDERAL GOVERNMENT				
1977	13.6	-	-	-
1978	14.3	-	-	-
1979	14.4	-	-	-
1980	15.2	-	-	-
1981	14.7	-	-	-
STATE GOVERNMENT				
1977	7.9	-	-	-
1978	8.1	-	-	-
1979	8.2	-	-	-
1980	8.4	-	-	-
1981	8.5	-	-	-
LOCAL GOVERNMENT				
1977	67.1	-	-	-
1978	68.1	-	-	-
1979	69.0	-	-	-
1980	72.6	-	-	-
1981	72.0	-	-	-
ORLANDO				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	225.9		-	-
1978	250.2	-	-	-
1979	271.7	-	-	-
1980	288.0	-	-	-
1981	299.9	-	-	-
CONSTRUCTION				
1977	12.8	-	-	-
1978	15.1	-	-	-
1979	18.0	-	-	-
1980	19.9	-	-	-
1981	21.3	-	-	-
MANUFACTURING				
1977	27.4	203.50	41.7	4.88
1978	31.7	219.66	42.0	5.23
1979	34.9	234.11	41.0	5.71
1980	36.7	[1] 263.76	[1] 41.8	[1] 6.31
1981	38.3	291.13	42.5	6.85
DURABLE GOODS				
1977	17.7	-	-	-
1978	21.1	-	-	-
1979	23.8	-	-	-
1980	25.2	-	-	-
1981	26.5	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
ORLANDO (Con.)				
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	1.0	-	-	-
1978	1.1	-	-	-
1979	1.2	-	-	-
1980	1.2	-	-	-
1981	1.3	-	-	-
FABRICATED METAL PRODUCTS — SIC 34				
1977	1.6	-	-	-
1978	1.8	-	-	-
1979	2.0	-	-	-
1980	2.2	-	-	-
1981	2.1	-	-	-
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	2.0	-	-	-
1978	2.4	-	-	-
1979	2.8	-	-	-
1980	2.9	-	-	-
1981	2.8	-	-	-
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	5.4	-	-	-
1978	6.8	-	-	-
1979	8.1	-	-	-
1980	8.5	-	-	-
1981	7.9	-	-	-
NONDURABLE GOODS				
1977	9.7	-	-	-
1978	10.6	-	-	-
1979	11.1	-	-	-
1980	11.5	-	-	-
1981	11.8	-	-	-
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	4.2	216.18	45.8	4.72
1978	4.4	223.99	45.9	4.88
1979	4.6	241.19	44.5	5.42
1980	4.8	267.60	45.9	5.83
1981	4.9	299.14	49.2	6.08
PAPER AND ALLIED PRODUCTS — SIC 26				
1978	1.1	-	-	-
1979	1.1	-	-	-
1980	1.1	-	-	-
1981	1.0	-	-	-
PRINTING AND PUBLISHING — SIC 27				
1977	2.6	-		-
1978	2.7	-	-	-
1979	2.7	-	-	-
1980	2.9	-	-	-
1981	3.0	-	-	-
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1978	.6	-	-	-
1979	.8	-	-	-
1980	.9	-	-	-
1981	.9	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	11.5	-	-	-
1978	12.2	-	-	-
1979	14.3	-	-	-
1980	15.0	-	-	-
1981	15.1	-	-	-
TRANSPORTATION — SIC 40-42,44-47				
1978	6.6	-	-	-
1979	7.4	-	-	-
1980	7.6	-	-	-
1981	7.7	-	-	-
TRUCKING AND WAREHOUSING — SIC 42				
1977	3.4	-	-	-
1978	3.6	-	-	-
1979	3.9	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
ORLANDO (Con.)				
TRUCKING AND WAREHOUSING — SIC 42 (Con.)				
1980	3.9	-	-	-
1981	4.3	-	-	-
COMMUNICATION — SIC 48				
1977	4.3	-	-	-
1978	4.5	-	-	-
1979	5.7	-	-	-
1980	6.2	-	-	-
1981	6.2	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	63.5	-	-	-
1978	69.7	-	-	-
1979	75.0	-	-	-
1980	79.1	-	-	-
1981	81.0	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	15.9	-	-	-
1978	17.4	-	-	-
1979	19.4	-	-	-
1980	20.3	-	-	-
1981	21.5	-	-	-
RETAIL TRADE — SIC 52-59				
1977	47.6	-	-	-
1978	52.3	-	-	-
1979	55.6	-	-	-
1980	58.8	-	-	-
1981	59.5	-	-	-
BUILDING MATERIALS AND GARDEN SUPPLIES — SIC 52				
1977	1.5	-	-	-
1978	1.7	-	-	-
1979	2.0	-	-	-
1980	2.1	-	-	-
1981	2.1	-	-	-
GENERAL MERCHANDISE STORES — SIC 53				
1977	9.0	-	-	-
1978	9.4	-	-	-
1979	9.4	-	-	-
1980	9.9	-	-	-
1981	10.1	-	-	-
FOOD STORES — SIC 54				
1977	6.5	-	-	-
1978	7.1	-	-	-
1979	8.1	-	-	-
1980	8.6	-	-	-
1981	9.2	-	-	-
AUTOMOTIVE DEALERS AND SERVICE STATIONS — SIC 55				
1977	6.1	-	-	-
1978	6.5	-	-	-
1979	6.5	-	-	-
1980	6.5	-	-	-
1981	6.6	-	-	-
APPAREL AND ACCESSORY STORES — SIC 56				
1977	2.1	-	-	-
1978	2.2	-	-	-
1979	2.4	-	-	-
1980	2.5	-	-	-
1981	2.6	-	-	-
FURNITURE AND HOME FURNISHINGS STORES — SIC 57				
1977	1.7	-	-	-
1978	1.8	-	-	-
1979	1.9	-	-	-
1980	2.1	-	-	-
1981	2.1	-	-	-
EATING AND DRINKING PLACES — SIC 58				
1977	15.9	-	-	-
1978	18.2	-	-	-
1979	19.9	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
ORLANDO (Con.)				
EATING AND DRINKING PLACES — SIC 58 (Con.)				
1980	21.6	-	-	-
1981	21.0	-	-	-
MISCELLANEOUS RETAIL — SIC 59				
1977	4.8	-	-	-
1978	5.4	-	-	-
1979	5.4	-	-	-
1980	5.5	-	-	-
1981	5.8	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	15.5	-	-	-
1978	16.4	-	-	-
1979	17.8	-	-	-
1980	19.6	-	-	-
1981	20.4	-	-	-
BANKING — SIC 60				
1977	3.0	-	-	-
1978	3.2	-	-	-
1979	3.6	-	-	-
1980	4.1	-	-	-
1981	4.3	-	-	-
INSURANCE CARRIERS — SIC 63				
1977	4.8	-	-	-
1978	5.1	-	-	-
1979	5.4	-	-	-
1980	5.8	-	-	-
1981	5.9	-	-	-
SERVICES AND MINING				
1977	58.8	-	-	-
1978	64.9	-	-	-
1979	70.9	-	-	-
1980	76.3	-	-	-
1981	81.3	-	-	-
HOTELS AND OTHER LODGING PLACES — SIC 70				
1977	10.9	-	-	-
1978	11.7	-	-	-
1979	12.6	-	-	-
1980	13.4	-	-	-
1981	13.2	-	-	-
PERSONAL SERVICES — SIC 72				
1977	2.8	-	-	-
1978	3.0	-	-	-
1979	3.0	-	-	-
1980	3.1	-	-	-
1981	3.2	-	-	-
BUSINESS SERVICES — SIC 73				
1977	7.1	-	-	-
1978	8.4	-	-	-
1979	10.5	-	-	-
1980	12.0	-	-	-
1981	13.3	-	-	-
HEALTH SERVICES — SIC 80				
1977	12.5	-	-	-
1978	13.5	-	-	-
1979	14.8	-	-	-
1980	16.6	-	-	-
1981	18.3	-	-	-
MEMBERSHIP ORGANIZATIONS — SIC 86				
1977	3.4	-	-	-
1978	3.6	-	-	-
1979	3.6	-	-	-
1980	3.7	-	-	-
1981	3.6	-	-	-
GOVERNMENT				
1977	36.4	-	-	-
1978	40.2	-	-	-
1979	40.8	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
ORLANDO (Con.)				
GOVERNMENT (Con.)				
1980	41.4	-	-	-
1981	42.5	-	-	-
FEDERAL GOVERNMENT				
1977	5.5	-	-	-
1978	5.6	-	-	-
1979	5.8	-	-	-
1980	6.1	-	-	-
1981	6.2	-	-	-
STATE GOVERNMENT				
1978	6.3	-	-	-
1979	6.4	-	-	-
1980	6.6	-	-	-
1981	6.4	-	-	-
LOCAL GOVERNMENT				
1978	28.3	-	-	-
1979	28.6	-	-	-
1980	28.7	-	-	-
1981	29.9	-	-	-
PANAMA CITY				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1978	32.1	-	-	-
1979	32.5	-	-	-
1980	33.3	-	-	-
1981	34.4	-	-	-
CONSTRUCTION				
1978	2.1	-	-	-
1979	2.1	-	-	-
1980	2.1	-	-	-
1981	2.2	-	-	-
MANUFACTURING				
1978	3.6	-	-	-
1979	3.4	-	-	-
1980	3.6	-	-	-
1981	3.6	-	-	-
DURABLE GOODS				
1979	1.7	-	-	-
1980	1.9	-	-	-
1981	2.0	-	-	-
NONDURABLE GOODS				
1979	1.7	-	-	-
1980	1.7	-	-	-
1981	1.6	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1978	1.7	-	-	-
1979	1.8	-	-	-
1980	2.1	-	-	-
1981	2.1	-	-	-
WHOLESALE AND RETAIL TRADE				
1978	9.1	-	-	-
1979	9.0	-	-	-
1980	9.0	-	-	-
1981	9.4	-	-	-
WHOLESALE TRADE — SIC 50,51				
1979	1.4	-	-	-
1980	1.4	-	-	-
1981	1.6	-	-	-
RETAIL TRADE — SIC 52-59				
1979	7.6	-	-	-
1980	7.6	-	-	-
1981	7.8	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
PANAMA CITY (Con.)				
EATING AND DRINKING PLACES — SIC 58				
1979	2.7	-	-	-
1980	2.7	-	-	-
1981	2.7	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1978	1.6	-	-	-
1979	1.7	-	-	-
1980	1.6	-	-	-
1981	1.6	-	-	-
SERVICES AND MINING				
1978	5.6	-	-	-
1979	6.0	-	-	-
1980	6.4	-	-	-
1981	6.8	-	-	-
HOTELS AND OTHER LODGING PLACES — SIC 70				
1979	1.3	-	-	-
1980	1.4	-	-	-
1981	1.3	-	-	-
HEALTH SERVICES — SIC 80				
1979	1.3	-	-	-
1980	1.5	-	-	-
1981	1.6	-	-	-
GOVERNMENT				
1978	8.4	-	-	-
1979	8.5	-	-	-
1980	8.5	-	-	-
1981	8.7	-	-	-
PENSACOLA				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	90.6	-	-	-
1978	93.2	-	-	-
1979	96.1	-	-	-
1980	98.0	-	-	-
1981	99.5	-	-	-
CONSTRUCTION				
1977	6.2	-	-	-
1978	6.1	-	-	-
1979	6.6	-	-	-
1980	7.4	-	-	-
1981	7.2	-	-	-
MANUFACTURING				
1977	13.6	238.57	42.3	5.64
1978	13.2	269.14	43.2	6.23
1979	13.2	295.99	43.4	6.82
1980	12.8	[1] 298.80	[1] 41.1	[1] 7.27
1981	12.6	331.08	42.5	7.79
DURABLE GOODS				
1977	3.2	-	-	-
1978	3.2	-	-	-
1979	3.2	-	-	-
1980	3.0	-	-	-
1981	3.0	-	-	-
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	.8	-	-	-
1978	.9	-	-	-
1979	.9	-	-	-
1980	.7	-	-	-
1981	.6	-	-	-
NONDURABLE GOODS				
1977	10.4	-	-	-
1978	10.0	-	-	-
1979	10.0	-	-	-
1980	9.8	-	-	-
1981	9.6	-	-	-

See footnotes at end of tables.

FLORIDA

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
PENSACOLA (Con.)				
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	0.8	-	-	-
1978	.8	-	-	-
1979	.8	-	-	-
1980	.8	-	-	-
1981	.8	-	-	-
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	1.8	-	-	-
1978	1.7	-	-	-
1979	1.8	-	-	-
1980	1.8	-	-	-
1981	1.8	-	-	-
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	6.5	-	-	-
1978	6.3	-	-	-
1979	6.1	-	-	-
1980	6.0	-	-	-
1981	5.7	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	4.4	-	-	-
1978	4.6	-	-	-
1979	5.1	-	-	-
1980	5.0	-	-	-
1981	4.9	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	21.0	-	-	-
1978	22.0	-	-	-
1979	22.6	-	-	-
1980	23.1	-	-	-
1981	24.1	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	3.7	-	-	-
1978	3.8	-	-	-
1979	4.0	-	-	-
1980	4.2	-	-	-
1981	4.3	-	-	-
RETAIL TRADE — SIC 52-59				
1977	17.3	-	-	-
1978	18.2	-	-	-
1979	18.6	-	-	-
1980	18.9	-	-	-
1981	19.8	-	-	-
GENERAL MERCHANDISE STORES — SIC 53				
1977	3.2	-	-	-
1978	3.3	-	-	-
1979	3.1	-	-	-
1980	3.1	-	-	-
1981	3.3	-	-	-
FOOD STORES — SIC 54				
1977	2.7	-	-	-
1978	3.0	-	-	-
1979	3.1	-	-	-
1980	3.0	-	-	-
1981	3.0	-	-	-
AUTOMOTIVE DEALERS AND SERVICE STATIONS — SIC 55				
1977	2.7	-	-	-
1978	2.7	-	-	-
1979	2.5	-	-	-
1980	2.4	-	-	-
1981	2.4	-	-	-
EATING AND DRINKING PLACES — SIC 58				
1977	4.5	-	-	-
1978	4.8	-	-	-
1979	5.2	-	-	-
1980	5.7	-	-	-
1981	6.2	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
PENSACOLA (Con.)				
FINANCE, INSURANCE, AND REAL ESTATE				
1977	3.9	-	-	-
1978	4.1	-	-	-
1979	4.4	-	-	-
1980	4.3	-	-	-
1981	4.4	-	-	-
SERVICES AND MINING				
1977	17.0	-	-	-
1978	18.1	-	-	-
1979	19.3	-	-	-
1980	20.3	-	-	-
1981	20.7	-	-	-
PERSONAL SERVICES — SIC 72				
1977	1.0	-	-	-
1978	1.0	-	-	-
1979	1.0	-	-	-
1980	1.0	-	-	-
1981	1.0	-	-	-
HEALTH SERVICES — SIC 80				
1977	5.5	-	-	-
1978	6.0	-	-	-
1979	6.4	-	-	-
1980	7.5	-	-	-
1981	7.8	-	-	-
GOVERNMENT				
1977	24.5	-	-	-
1978	25.1	-	-	-
1979	24.9	-	-	-
1980	25.1	-	-	-
1981	25.6	-	-	-
FEDERAL GOVERNMENT				
1977	9.6	-	-	-
1978	9.8	-	-	-
1979	9.7	-	-	-
1980	9.9	-	-	-
1981	10.3	-	-	-
STATE GOVERNMENT				
1977	2.7	-	-	-
1978	2.8	-	-	-
1979	3.0	-	-	-
1980	3.2	-	-	-
1981	3.3	-	-	-
LOCAL GOVERNMENT				
1977	12.2	-	-	-
1978	12.5	-	-	-
1979	12.2	-	-	-
1980	12.0	-	-	-
1981	12.0	-	-	-
SARASOTA				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	55.5	-	-	-
1978	63.7	-	-	-
1979	68.5	-	-	-
1980	70.8	-	-	-
1981	73.0	-	-	-
CONSTRUCTION				
1977	5.1	-	-	-
1978	6.7	-	-	-
1979	7.7	-	-	-
1980	7.5	-	-	-
1981	7.5	-	-	-
MANUFACTURING				
1977	4.4	-	-	-
1978	5.7	-	-	-
1979	6.1	-	-	-
1980	6.2	-	-	-
1981	6.3	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
SARASOTA (Con.)				
DURABLE GOODS				
1977	3.2	-	-	-
1978	4.5	-	-	-
1979	4.8	-	-	-
1980	4.7	-	-	-
1981	4.6	-	-	-
NONDURABLE GOODS				
1977	1.2	-	-	-
1978	1.2	-	-	-
1979	1.3	-	-	-
1980	1.5	-	-	-
1981	1.7	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	2.6	-	-	-
1978	2.7	-	-	-
1979	2.8	-	-	-
1980	3.1	-	-	-
1981	3.2	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	16.4	-	-	-
1978	18.5	-	-	-
1979	20.1	-	-	-
1980	21.0	-	-	-
1981	21.9	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	1.8	-	-	-
1978	2.0	-	-	-
1979	2.3	-	-	-
1980	2.6	-	-	-
1981	2.6	-	-	-
RETAIL TRADE — SIC 52-59				
1977	14.6	-	-	-
1978	16.5	-	-	-
1979	17.8	-	-	-
1980	18.4	-	-	-
1981	19.3	-	-	-
EATING AND DRINKING PLACES — SIC 58				
1977	4.7	-	-	-
1978	5.4	-	-	-
1979	5.9	-	-	-
1980	6.2	-	-	-
1981	6.6	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	4.6	-	-	-
1978	5.1	-	-	-
1979	5.6	-	-	-
1980	5.8	-	-	-
1981	6.0	-	-	-
SERVICES AND MINING				
1977	13.8	-	-	-
1978	15.6	-	-	-
1979	16.6	-	-	-
1980	17.3	-	-	-
1981	18.3	-	-	-
HEALTH SERVICES — SIC 80				
1977	3.5	-	-	-
1978	4.0	-	-	-
1979	4.2	-	-	-
1980	4.4	-	-	-
1981	4.7	-	-	-
GOVERNMENT				
1977	8.6	-	-	-
1978	9.4	-	-	-
1979	9.6	-	-	-
1980	9.9	-	-	-
1981	9.8	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
SARASOTA (Con.)				
LOCAL GOVERNMENT				
1977	7.1	-	-	-
1978	7.8	-	-	-
1979	7.9	-	-	-
1980	8.0	-	-	-
1981	8.1	-	-	-
TALLAHASSEE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	64.0	-	-	-
1978	67.2	-	-	-
1979	71.2	-	-	-
1980	74.7	-	-	-
1981	76.3	-	-	-
CONSTRUCTION				
1977	2.9	-	-	-
1978	3.2	-	-	-
1979	3.6	-	-	-
1980	3.6	-	-	-
1981	3.6	-	-	-
MANUFACTURING				
1977	2.5	-	-	-
1978	2.5	-	-	-
1979	2.7	-	-	-
1980	2.9	-	-	-
1981	2.9	-	-	-
DURABLE GOODS				
1977	.9	-	-	-
1978	.9	-	-	-
1979	1.0	-	-	-
1980	1.1	-	-	-
1981	1.0	-	-	-
NONDURABLE GOODS				
1977	1.6	-	-	-
1978	1.6	-	-	-
1979	1.7	-	-	-
1980	1.8	-	-	-
1981	1.9	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	2.2	-	-	-
1978	2.2	-	-	-
1979	2.3	-	-	-
1980	2.9	-	-	-
1981	3.0	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	12.9	-	-	-
1978	13.7	-	-	-
1979	14.6	-	-	-
1980	15.0	-	-	-
1981	15.5	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	2.0	-	-	-
1978	2.1	-	-	-
1979	2.2	-	-	-
1980	2.2	-	-	-
1981	2.3	-	-	-
RETAIL TRADE — SIC 52-59				
1977	10.9	-	-	-
1978	11.6	-	-	-
1979	12.4	-	-	-
1980	12.8	-	-	-
1981	13.2	-	-	-
GENERAL MERCHANDISE STORES — SIC 53				
1977	1.5	-	-	-
1978	1.6	-	-	-
1979	1.8	-	-	-
1980	2.0	-	-	-
1981	2.0	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
TALLAHASSEE (Con.)				
FOOD STORES — SIC 54				
1977	1.7	-	-	-
1978	1.8	-	-	-
1979	1.9	-	-	-
1980	2.0	-	-	-
1981	2.2	-	-	-
AUTOMOTIVE DEALERS AND SERVICE STATIONS — SIC 55				
1977	1.4	-	-	-
1978	1.4	-	-	-
1979	1.3	-	-	-
1980	1.3	-	-	-
1981	1.3	-	-	-
EATING AND DRINKING PLACES — SIC 58				
1977	3.3	-	-	-
1978	3.7	-	-	-
1979	4.2	-	-	-
1980	4.4	-	-	-
1981	4.3	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	2.9	-	-	-
1978	3.0	-	-	-
1979	3.2	-	-	-
1980	3.3	-	-	-
1981	3.5	-	-	-
SERVICES AND MINING				
1977	8.7	-	-	-
1978	9.5	-	-	-
1979	11.1	-	-	-
1980	13.5	-	-	-
1981	13.8	-	-	-
HEALTH SERVICES — SIC 80				
1977	1.4	-	-	-
1978	1.3	-	-	-
1979	2.4	-	-	-
1980	3.8	-	-	-
1981	3.9	-	-	-
GOVERNMENT				
1977	31.9	-	-	-
1978	33.1	-	-	-
1979	33.7	-	-	-
1980	33.5	-	-	-
1981	34.0	-	-	-
FEDERAL GOVERNMENT				
1977	1.0	-	-	-
1978	1.2	-	-	-
1979	1.2	-	-	-
1980	1.3	-	-	-
1981	1.2	-	-	-
STATE GOVERNMENT				
1977	23.5	-	-	-
1978	23.9	-	-	-
1979	25.0	-	-	-
1980	25.5	-	-	-
1981	25.8	-	-	-
LOCAL GOVERNMENT				
1977	7.4	-	-	-
1978	8.0	-	-	-
1979	7.5	-	-	-
1980	6.7	-	-	-
1981	7.0	-	-	-
TAMPA-ST. PETERSBURG				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	446.5	-	-	-
1978	486.0	-	-	-
1979	521.2	-	-	-
1980	548.9	-	-	-
1981	570.4	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
TAMPA-ST. PETERSBURG (Con.)				
CONSTRUCTION				
1977	27.3	-	-	-
1978	32.4	-	-	-
1979	37.7	-	-	-
1980	40.7	-	-	-
1981	42.4	-	-	-
MANUFACTURING				
1977	61.7	197.55	40.9	4.83
1978	67.5	213.20	41.0	5.20
1979	73.0	230.20	40.6	5.67
1980	76.5	[1] 250.10	[1] 41.0	[1] 6.10
1981	79.2	265.28	40.5	6.55
DURABLE GOODS				
1977	33.3	-	-	-
1978	37.6	-	-	-
1979	41.7	-	-	-
1980	44.2	-	-	-
1981	46.1	-	-	-
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	3.3	-	-	-
1978	3.7	-	-	-
1979	3.8	-	-	-
1980	4.0	-	-	-
1981	4.3	-	-	-
FABRICATED METAL PRODUCTS — SIC 34				
1977	6.5	-	-	-
1978	7.9	-	-	-
1979	8.3	-	-	-
1980	8.7	-	-	-
1981	8.5	-	-	-
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	9.2	224.39	42.1	5.33
1978	10.3	227.97	41.6	5.48
1979	12.2	253.37	41.4	6.12
1980	13.0	[1] 286.49	[1] 41.4	[1] 6.92
1981	13.3	324.17	42.1	7.70
NONDURABLE GOODS				
1977	28.4	-	-	-
1978	29.9	-	-	-
1979	31.3	-	-	-
1980	32.3	-	-	-
1981	33.1	-	-	-
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	11.5	166.74	42.0	3.97
1978	11.7	178.35	41.0	4.35
1979	11.5	176.79	38.6	4.58
1980	11.4	[1] 203.62	[1] 40.4	[1] 5.04
1981	11.2	211.04	41.3	5.11
TOBACCO MANUFACTURES — SIC 21				
1977	1.6	121.75	35.6	3.42
1978	1.4	125.31	35.2	3.56
1979	1.4	140.66	35.7	3.94
1980	1.4	147.96	36.0	4.11
1981	1.4	164.80	36.3	4.54
PRINTING AND PUBLISHING — SIC 27				
1977	5.8	156.22	36.5	4.28
1978	6.4	193.80	35.3	5.49
1979	7.4	185.26	33.5	5.53
1980	8.2	[1] 219.71	[1] 35.9	[1] 6.12
1981	8.7	238.49	36.3	6.57
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	3.5	239.91	43.7	5.49
1978	3.5	267.89	43.0	6.23
1979	3.5	306.36	44.4	6.90
1980	3.6	343.33	44.3	7.75
1981	3.9	375.40	43.6	8.61

See footnotes at end of tables.

FLORIDA

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
TAMPA-ST. PETERSBURG (Con.)				
TRANSPORTATION AND PUBLIC UTILITIES				
1977	26.6	-	-	-
1978	27.6	-	-	-
1979	28.9	-	-	-
1980	30.5	-	-	-
1981	32.2	-	-	-
RAILROAD TRANSPORTATION — SIC 40				
1977	1.7	-	-	-
1978	1.7	-	-	-
1979	1.6	-	-	-
1980	1.6	-	-	-
1981	1.6	-	-	-
TRUCKING AND WAREHOUSING — SIC 42				
1977	4.8	-	-	-
1978	5.1	-	-	-
1979	5.4	-	-	-
1980	5.5	-	-	-
1981	5.6	-	-	-
WATER TRANSPORTATION — SIC 44				
1977	2.3	-	-	-
1978	2.4	-	-	-
1979	2.4	-	-	-
1980	2.6	-	-	-
1981	3.0	-	-	-
TRANSPORTATION BY AIR — SIC 45				
1977	1.8	-	-	-
1978	2.0	-	-	-
1979	2.3	-	-	-
1980	2.6	-	-	-
1981	2.9	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	127.5	-	-	-
1978	136.7	-	-	-
1979	144.1	-	-	-
1980	152.4	-	-	-
1981	158.3	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	28.2	-	-	-
1978	30.6	-	-	-
1979	33.5	-	-	-
1980	36.0	-	-	-
1981	37.8	-	-	-
RETAIL TRADE — SIC 52-59				
1977	99.3	-	-	-
1978	106.1	-	-	-
1979	110.6	-	-	-
1980	116.4	-	-	-
1981	120.5	-	-	-
BUILDING MATERIALS AND GARDEN SUPPLIES — SIC 52				
1977	4.1	-	-	-
1978	4.7	-	-	-
1979	5.1	-	-	-
1980	5.1	-	-	-
1981	5.2	-	-	-
GENERAL MERCHANDISE STORES — SIC 53				
1977	18.6	-	-	-
1978	18.6	-	-	-
1979	17.8	-	-	-
1980	18.5	-	-	-
1981	18.6	-	-	-
FOOD STORES — SIC 54				
1977	16.6	-	-	-
1978	17.8	-	-	-
1979	18.8	-	-	-
1980	19.7	-	-	-
1981	20.8	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
TAMPA-ST. PETERSBURG (Con.)				
AUTOMOTIVE DEALERS AND SERVICE STATIONS — SIC 55				
1977	12.1	-	-	-
1978	12.3	-	-	-
1979	12.5	-	-	-
1980	12.6	-	-	-
1981	13.5	-	-	-
APPAREL AND ACCESSORY STORES — SIC 56				
1977	4.4	-	-	-
1978	4.8	-	-	-
1979	5.0	-	-	-
1980	5.3	-	-	-
1981	5.3	-	-	-
FURNITURE AND HOME FURNISHINGS STORES — SIC 57				
1977	3.9	-	-	-
1978	4.6	-	-	-
1979	5.0	-	-	-
1980	5.3	-	-	-
1981	5.5	-	-	-
EATING AND DRINKING PLACES — SIC 58				
1977	28.7	-	-	-
1978	31.5	-	-	-
1979	34.6	-	-	-
1980	36.9	-	-	-
1981	38.2	-	-	-
MISCELLANEOUS RETAIL — SIC 59				
1977	10.9	-	-	-
1978	11.8	-	-	-
1979	11.8	-	-	-
1980	13.0	-	-	-
1981	13.4	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	32.0	-	-	-
1978	33.9	-	-	-
1979	36.5	-	-	-
1980	38.9	-	-	-
1981	41.2	-	-	-
BANKING — SIC 60				
1977	7.2	-	-	-
1978	7.8	-	-	-
1979	8.4	-	-	-
1980	9.3	-	-	-
1981	10.2	-	-	-
INSURANCE CARRIERS — SIC 63				
1977	7.2	-	-	-
1978	7.6	-	-	-
1979	7.9	-	-	-
1980	7.9	-	-	-
1981	7.7	-	-	-
SERVICES AND MINING				
1977	99.5	-	-	-
1978	110.5	-	-	-
1979	122.1	-	-	-
1980	130.1	-	-	-
1981	137.2	-	-	-
HOTELS AND OTHER LODGING PLACES — SIC 70				
1977	8.7	-	-	-
1978	9.0	-	-	-
1979	10.2	-	-	-
1980	10.1	-	-	-
1981	10.2	-	-	-
PERSONAL SERVICES — SIC 72				
1977	6.4	-	-	-
1978	6.7	-	-	-
1979	7.0	-	-	-
1980	7.3	-	-	-
1981	8.1	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
TAMPA-ST. PETERSBURG (Con.)				
HEALTH SERVICES — SIC 80				
1977	31.4	-	-	-
1978	33.8	-	-	-
1979	35.9	-	-	-
1980	38.5	-	-	-
1981	41.0	-	-	-
GOVERNMENT				
1977	71.9	-	-	-
1978	77.4	-	-	-
1979	78.9	-	-	-
1980	79.8	-	-	-
1981	79.9	-	-	-
FEDERAL GOVERNMENT				
1977	11.0	-	-	-
1978	11.1	-	-	-
1979	11.2	-	-	-
1980	12.4	-	-	-
1981	12.1	-	-	-
WEST PALM BEACH-BOCA RATON				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	156.2	-	-	-
1978	173.9	-	-	-
1979	133.6	-	-	-
1980	208.3	-	-	-
1981	221.0	-	-	-
CONSTRUCTION				
1977	11.7	-	-	-
1978	15.1	-	-	-
1979	18.7	-	-	-
1980	20.6	-	-	-
1981	20.8	-	-	-
MANUFACTURING				
1977	20.8	226.08	42.1	5.37
1978	22.9	265.31	43.0	6.17
1979	26.6	247.42	41.1	6.02
1980	28.6	[1] 275.22	[1] 41.7	[1] 6.60
1981	28.7	290.63	41.4	7.02
DURABLE GOODS				
1977	15.4	-	-	-
1978	17.0	-	-	-
1979	20.1	-	-	-
1980	22.4	-	-	-
1981	22.7	-	-	-
NONDURABLE GOODS				
1977	5.4	-	-	-
1978	5.9	-	-	-
1979	6.5	-	-	-
1980	6.2	-	-	-
1981	6.0	-	-	-
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	2.5	-	-	-
1978	2.6	-	-	-
1979	2.9	-	-	-
1980	2.5	-	-	-
1981	2.3	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	6.9	-	-	-
1978	7.4	-	-	-
1979	8.0	-	-	-
1980	8.4	-	-	-
1981	9.4	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	40.7	-	-	-
1978	44.8	-	-	-
1979	49.3	-	-	-
1980	53.7	-	-	-
1981	58.2	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
WEST PALM BEACH-BOCA RATON (Con.)				
WHOLESALE TRADE — SIC 50,51				
1977	5.5	-	-	-
1978	6.3	-	-	-
1979	6.8	-	-	-
1980	7.3	-	-	-
1981	7.6	-	-	-
RETAIL TRADE — SIC 52-59				
1977	35.2	-	-	-
1978	38.5	-	-	-
1979	42.5	-	-	-
1980	46.4	-	-	-
1981	50.6	-	-	-
BUILDING MATERIALS AND GARDEN SUPPLIES — SIC 52				
1977	1.5	-	-	-
1978	1.7	-	-	-
1979	2.1	-	-	-
1980	2.4	-	-	-
1981	2.5	-	-	-
GENERAL MERCHANDISE STORES — SIC 53				
1977	5.0	-	-	-
1978	5.4	-	-	-
1979	5.5	-	-	-
1980	5.8	-	-	-
1981	6.5	-	-	-
FOOD STORES — SIC 54				
1977	6.4	-	-	-
1978	6.9	-	-	-
1979	7.7	-	-	-
1980	8.4	-	-	-
1981	8.6	-	-	-
AUTOMOTIVE DEALERS AND SERVICE STATIONS — SIC 55				
1977	4.5	-	-	-
1978	4.6	-	-	-
1979	4.8	-	-	-
1980	4.8	-	-	-
1981	5.1	-	-	-
APPAREL AND ACCESSORY STORES — SIC 56				
1977	2.4	-	-	-
1978	2.6	-	-	-
1979	2.7	-	-	-
1980	3.0	-	-	-
1981	3.4	-	-	-
FURNITURE AND HOME FURNISHINGS STORES — SIC 57				
1977	2.1	-	-	-
1978	2.3	-	-	-
1979	2.5	-	-	-
1980	2.8	-	-	-
1981	2.9	-	-	-
EATING AND DRINKING PLACES — SIC 58				
1977	9.2	-	-	-
1978	10.7	-	-	-
1979	12.4	-	-	-
1980	13.9	-	-	-
1981	15.3	-	-	-
MISCELLANEOUS RETAIL — SIC 59				
1977	4.1	-	-	-
1978	4.3	-	-	-
1979	4.8	-	-	-
1980	5.3	-	-	-
1981	6.3	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	11.8	-	-	-
1978	13.5	-	-	-
1979	16.1	-	-	-
1980	17.5	-	-	-
1981	18.4	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
WEST PALM BEACH-BOCA RATON (Con.)				
SERVICES AND MINING				
1977	37.6	-	-	-
1978	41.2	-	-	-
1979	45.8	-	-	-
1980	49.2	-	-	-
1981	54.4	-	-	-
HOTELS AND OTHER LODGING PLACES — SIC 70				
1977	5.0	-	-	-
1978	5.3	-	-	-
1979	5.5	-	-	-
1980	6.0	-	-	-
1981	6.6	-	-	-
PERSONAL SERVICES — SIC 72				
1977	2.5	-	-	-
1978	2.8	-	-	-
1979	2.9	-	-	-
1980	3.0	-	-	-
1981	3.4	-	-	-
HEALTH SERVICES — SIC 80				
1977	10.0	-	-	-
1978	10.5	-	-	-
1979	11.6	-	-	-
1980	12.2	-	-	-
1981	14.0	-	-	-
GOVERNMENT				
1977	26.7	-	-	-
1978	29.0	-	-	-
1979	29.1	-	-	-
1980	30.3	-	-	-
1981	31.1	-	-	-
FEDERAL GOVERNMENT				
1977	1.8	-	-	-
1978	1.9	-	-	-
1979	1.9	-	-	-
1980	2.1	-	-	-
1981	2.2	-	-	-

See footnotes at end of tables.

GEORGIA

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	1,926.4	–	–	–
1978	2,050.1	–	–	–
1979	2,127.5	–	–	–
1980	2,159.4	–	–	–
1981	2,183.1	–	–	–
MINING				
1977	7.3	–	–	–
1978	7.5	–	–	–
1979	7.7	–	–	–
1980	7.8	–	–	–
1981	7.8	–	–	–
CONSTRUCTION				
1977	91.6	–	–	–
1978	101.2	–	–	–
1979	103.6	–	–	–
1980	105.2	–	–	–
1981	102.4	–	–	–
MANUFACTURING				
1977	494.1	180.63	40.5	4.46
1978	515.8	195.69	40.1	4.88
1979	528.5	214.12	40.4	5.30
1980	519.2	231.95	40.2	5.77
1981	519.9	255.44	40.1	6.37
DURABLE GOODS				
1977	162.3	209.41	40.9	5.12
1978	176.7	223.20	40.0	5.58
1979	184.9	240.35	40.6	5.92
1980	181.0	260.55	39.9	6.53
1981	182.8	297.60	40.6	7.33
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	27.3	142.04	39.9	3.56
1978	29.2	159.19	39.5	4.03
1979	30.5	177.42	40.6	4.37
1980	28.9	[1] 183.94	[1] 39.9	[1] 4.61
1981	28.7	197.39	39.4	5.01
LOGGING CAMPS, SAWMILLS AND PLANING MILLS — SIC 241,2				
1977	14.4	–	–	–
1978	15.2	–	–	–
1979	15.6	–	–	–
1980	14.9	–	–	–
1981	14.5	–	–	–
FURNITURE AND FIXTURES — SIC 25				
1977	8.9	141.36	37.2	3.80
1978	9.8	[1] 163.76	[1] 36.8	[1] 4.45
1979	10.0	170.38	36.8	4.63
1980	9.4	[1] 169.45	[1] 38.6	[1] 4.39
1981	9.4	[1] 185.27	[1] 38.2	[1] 4.85
HOUSEHOLD FURNITURE — SIC 251				
1977	6.7	–	–	–
1978	7.2	–	–	–
1979	7.3	–	–	–
1980	6.6	–	–	–
1981	6.2	–	–	–
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	16.6	192.82	41.2	4.68
1978	18.0	212.16	41.6	5.10
1979	18.3	237.12	41.6	5.70
STATEWIDE (Con.)				
STONE, CLAY, AND GLASS PRODUCTS — SIC 32 (Con.)				
1980	17.7	[1] 270.19	[1] 43.3	[1] 6.24
1981	16.7	275.13	40.7	6.76
PRIMARY METAL INDUSTRIES — SIC 33				
1977	13.8	252.84	43.0	5.88
1978	15.5	[1] 267.13	[1] 42.2	[1] 6.33
1979	16.6	295.22	42.6	6.93
1980	16.5	[1] 314.29	[1] 42.3	[1] 7.43
1981	17.5	[1] 340.67	[1] 41.8	[1] 8.15
FABRICATED METAL PRODUCTS — SIC 34				
1977	19.0	207.98	40.7	5.11
1978	20.6	226.08	40.3	5.61
1979	21.1	231.78	40.1	5.78
1980	20.9	[1] 252.57	[1] 39.9	[1] 6.33
1981	20.0	283.27	40.7	6.96
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	18.4	188.44	40.7	4.63
1978	19.8	[1] 219.78	[1] 39.6	[1] 5.55
1979	22.0	237.96	40.4	5.89
1980	22.3	[1] 258.48	[1] 37.9	[1] 6.82
1981	22.5	322.38	40.5	7.96
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	16.5	206.35	40.7	5.07
1978	18.3	[1] 227.70	[1] 41.4	[1] 5.50
1979	19.4	242.61	43.4	5.59
1980	20.3	[1] 263.66	[1] 40.5	[1] 6.51
1981	21.9	[1] 311.54	[1] 42.1	[1] 7.40
TRANSPORTATION EQUIPMENT — SIC 37				
1977	31.1	329.25	43.9	7.50
1978	34.3	313.62	39.4	7.96
1979	35.3	334.72	39.8	8.41
1980	33.9	372.09	38.8	9.59
1981	35.7	432.23	40.7	10.62
NONDURABLE GOODS				
1977	331.8	166.84	40.3	4.14
1978	339.1	181.65	40.1	4.53
1979	343.6	200.69	40.3	4.98
1980	338.3	216.41	40.3	5.37
1981	337.1	233.81	39.9	5.86
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	55.1	167.20	40.0	4.18
1978	56.4	188.40	40.0	4.71
1979	57.7	194.50	38.9	5.00
1980	59.3	[1] 207.76	[1] 39.2	[1] 5.30
1981	59.7	228.45	39.8	5.74
MEAT PRODUCTS — SIC 201				
1977	18.9	–	–	–
1978	19.8	–	–	–
1979	21.0	–	–	–
1980	21.4	–	–	–
1981	21.5	–	–	–
POULTRY DRESSING, AND POULTRY AND EGG PROCESSING — SIC 2016,7				
1977	12.9	–	–	–
1978	14.0	–	–	–
1979	15.1	–	–	–
1980	15.5	–	–	–
1981	15.8	–	–	–
STATEWIDE (Con.)				
DAIRY PRODUCTS — SIC 202				
1977	4.8	–	–	–
1978	4.6	–	–	–
1979	4.5	–	–	–
1980	4.4	–	–	–
1981	4.4	–	–	–
BAKERY PRODUCTS — SIC 205				
1977	8.6	–	–	–
1978	9.0	–	–	–
1979	9.2	–	–	–
1980	9.1	–	–	–
1981	9.4	–	–	–
TEXTILE MILL PRODUCTS — SIC 22				
1977	123.1	160.66	41.3	3.89
1978	123.7	170.97	41.0	4.17
1979	123.7	191.36	41.6	4.60
1980	117.6	205.32	40.9	5.02
1981	113.7	219.09	40.2	5.45
WEAVING MILLS, COTTON — SIC 221				
1977	30.9	162.38	40.8	3.98
1978	29.5	177.53	41.0	4.33
1979	29.5	205.63	43.2	4.76
1980	29.1	212.70	41.3	5.15
1981	26.7	222.86	40.3	5.53
WEAVING MILLS, SYNTHETICS — SIC 222				
1977	5.4	177.80	43.9	4.05
1978	5.1	191.68	42.5	4.51
1979	5.0	207.76	42.4	4.90
1980	4.3	233.45	42.6	5.48
1981	4.2	255.15	43.1	5.92
KNITTING MILLS — SIC 225				
1977	8.2	136.58	38.8	3.52
1978	9.0	137.32	38.9	3.53
1979	8.6	149.88	37.1	4.04
1980	9.3	[1] 173.84	[1] 39.6	[1] 4.39
1981	9.7	[1] 186.58	[1] 38.0	[1] 4.91
FLOOR COVERING MILLS — SIC 227				
1977	32.3	150.88	41.0	3.68
1978	33.2	157.20	40.0	3.93
1979	33.7	187.50	41.3	4.54
1980	30.5	[1] 210.59	[1] 41.7	[1] 5.05
1981	29.6	221.13	40.5	5.46
YARN AND THREAD MILLS — SIC 228				
1977	25.4	169.55	42.6	3.98
1978	25.5	181.48	42.6	4.26
1979	25.9	187.32	40.9	4.58
1980	24.0	198.86	39.3	5.06
1981	23.1	216.31	39.4	5.49
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	72.6	115.13	36.9	3.12
1978	74.5	126.66	36.5	3.47
1979	73.7	136.88	36.5	3.75
1980	72.3	[1] 153.14	[1] 38.0	[1] 4.03
1981	71.1	160.82	36.8	4.37
MEN'S AND BOYS' SUITS, COATS, AND FURNISHINGS — SIC 231,2				
1977	39.7	115.39	36.4	3.17
1978	40.8	128.52	36.1	3.56
1979	40.3	137.54	36.1	3.81

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
MEN'S AND BOYS' SUITS, COATS, AND FURNISHINGS — SIC 231,2 (Con.)				
1980	39.7	[1] 151.88	[1] 37.5	[1] 4.05
1981	38.8	160.60	36.5	4.40
WOMEN'S, MISSES', AND CHILDREN'S OUTERWEAR AND UNDERGARMENTS — SIC 233,4,6				
1977	20.9	110.11	37.2	2.96
1978	22.0	119.43	36.3	3.29
1979	22.2	130.32	36.0	3.62
1980	21.7	[1] 148.93	[1] 37.8	[1] 3.94
1981	21.9	157.93	36.9	4.28
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	26.0	281.52	44.9	6.27
1978	27.3	311.75	44.6	6.99
1979	28.0	355.56	44.5	7.99
1980	28.4	359.05	43.0	8.35
1981	28.9	398.79	43.3	9.21
PULP, PAPER, AND PAPERBOARD MILLS, EXCEPT BUILDING PAPER MILLS — SIC 261-3				
1977	13.0	305.28	45.7	6.68
1978	13.4	346.41	45.7	7.58
1979	13.7	397.54	45.8	8.68
1980	13.8	411.73	44.9	9.17
1981	13.8	462.49	44.3	10.44
PAPERBOARD CONTAINERS AND BOXES — SIC 265				
1977	6.7	-	-	-
1978	6.8	-	-	-
1979	6.6	-	-	-
1980	6.6	-	-	-
1981	7.0	-	-	-
PRINTING AND PUBLISHING — SIC 27				
1977	20.4	-	-	-
1978	21.4	-	-	-
1979	22.8	-	-	-
1980	23.4	-	-	-
1981	24.1	-	-	-
COMMERCIAL PRINTING — SIC 275				
1977	7.0	-	-	-
1978	7.3	-	-	-
1979	8.0	-	-	-
1980	8.3	-	-	-
1981	8.8	-	-	-
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	16.2	218.61	41.8	5.23
1978	16.1	[1] 251.82	[1] 42.9	[1] 5.87
1979	16.6	274.30	44.1	6.22
1980	16.9	283.83	42.3	6.71
1981	17.4	324.25	43.7	7.42
AGRICULTURAL CHEMICALS — SIC 287				
1977	2.9	-	-	-
1978	2.6	-	-	-
1979	2.5	-	-	-
1980	2.6	-	-	-
1981	2.6	-	-	-
LEATHER AND LEATHER PRODUCTS — SIC 31				
1977	2.7	115.32	37.2	3.10
1978	2.8	128.56	37.7	3.41
1979	2.5	134.92	37.9	3.56
1980	2.3	[1] 144.77	[1] 38.3	[1] 3.78
1981	2.4	[1] 159.43	[1] 36.4	[1] 4.38
TRANSPORTATION AND PUBLIC UTILITIES				
1977	120.3	-	-	-
1978	129.1	-	-	-
1979	136.0	-	-	-
1980	140.4	-	-	-
1981	143.6	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
TRANSPORTATION — SIC 40-42,44-47				
1977	72.5	-	-	-
1978	78.8	-	-	-
1979	82.5	-	-	-
1980	84.2	-	-	-
1981	85.9	-	-	-
COMMUNICATION — SIC 48				
1977	29.7	-	-	-
1978	31.3	-	-	-
1979	34.0	-	-	-
1980	35.9	-	-	-
1981	37.3	-	-	-
ELECTRIC, GAS, AND SANITARY SERVICES — SIC 49				
1977	18.1	-	-	-
1978	19.0	-	-	-
1979	19.5	-	-	-
1980	20.3	-	-	-
1981	20.5	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	443.1	-	-	-
1978	476.0	-	-	-
1979	495.0	-	-	-
1980	499.6	-	-	-
1981	503.1	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	137.1	-	-	-
1978	149.0	-	-	-
1979	156.1	-	-	-
1980	157.4	-	-	-
1981	159.9	-	-	-
WHOLESALE TRADE - DURABLE GOODS — SIC 50				
1977	81.5	-	-	-
1978	89.1	-	-	-
1979	95.0	-	-	-
1980	96.1	-	-	-
1981	97.4	-	-	-
WHOLESALE TRADE - NONDURABLE GOODS — SIC 51				
1977	55.6	-	-	-
1978	59.9	-	-	-
1979	61.1	-	-	-
1980	61.4	-	-	-
1981	62.4	-	-	-
RETAIL TRADE — SIC 52-59				
1977	306.1	-	-	-
1978	327.0	-	-	-
1979	339.0	-	-	-
1980	342.2	-	-	-
1981	343.2	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	100.0	-	-	-
1978	103.6	-	-	-
1979	108.6	-	-	-
1980	112.1	-	-	-
1981	113.7	-	-	-
FINANCE — SIC 60-62				
1977	42.2	-	-	-
1978	43.7	-	-	-
1979	46.0	-	-	-
1980	47.9	-	-	-
1981	49.6	-	-	-
INSURANCE CARRIERS, AGENTS AND BROKERS — SIC 63,64				
1977	37.4	-	-	-
1978	38.4	-	-	-
1979	39.8	-	-	-
1980	40.6	-	-	-
1981	40.7	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
REAL ESTATE, COMBINATION OFFICES, HOLDING AND OTHER INVESTMENT COMPANIES — SIC 65-67				
1977	20.4	-	-	-
1978	21.5	-	-	-
1979	22.8	-	-	-
1980	23.7	-	-	-
1981	23.5	-	-	-
SERVICES				
1977	286.0	-	-	-
1978	309.1	-	-	-
1979	329.3	-	-	-
1980	345.7	-	-	-
1981	358.5	-	-	-
GOVERNMENT				
1977	384.0	-	-	-
1978	407.9	-	-	-
1979	418.7	-	-	-
1980	429.2	-	-	-
1981	434.0	-	-	-
FEDERAL GOVERNMENT				
1977	81.3	-	-	-
1978	82.8	-	-	-
1979	83.3	-	-	-
1980	85.6	-	-	-
1981	87.5	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	302.7	-	-	-
1978	325.0	-	-	-
1979	335.4	-	-	-
1980	343.7	-	-	-
1981	346.6	-	-	-
ALBANY				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	39.1	-	-	-
1978	41.3	-	-	-
1979	43.8	-	-	-
1980	43.6	-	-	-
1981	44.6	-	-	-
CONSTRUCTION				
1977	2.6	-	-	-
1978	3.3	-	-	-
1979	3.9	-	-	-
1980	2.4	-	-	-
1981	2.1	-	-	-
MANUFACTURING				
1977	9.6	-	-	-
1978	10.0	-	-	-
1979	10.6	-	-	-
1980	11.4	-	-	-
1981	12.0	-	-	-
DURABLE GOODS				
1977	1.8	-	-	-
1978	1.9	-	-	-
1979	2.0	-	-	-
1980	2.3	-	-	-
1981	2.6	-	-	-
PRIMARY METALS, FABRICATED METALS, AND MACHINERY — SIC 33-36				
1977	.8	-	-	-
1978	.8	-	-	-
1979	.8	-	-	-
1980	1.0	-	-	-
1981	1.4	-	-	-
NONDURABLE GOODS				
1977	7.9	-	-	-
1978	8.1	-	-	-
1979	8.5	-	-	-

See footnotes at end of tables.

GEORGIA

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
ALBANY (Con.)				
NONDURABLE GOODS (Con.)				
1980	9.1	-	-	-
1981	9.3	-	-	-
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	1.6	-	-	-
1978	1.7	-	-	-
1979	1.8	-	-	-
1980	2.3	-	-	-
1981	2.5	-	-	-
TEXTILES, AND APPAREL — SIC 22,23				
1977	1.9	-	-	-
1978	1.8	-	-	-
1979	1.7	-	-	-
1980	1.8	-	-	-
1981	1.8	-	-	-
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	.5	-	-	-
1978	.5	-	-	-
1979	.6	-	-	-
1980	.6	-	-	-
1981	.7	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	1.7	-	-	-
1978	1.9	-	-	-
1979	2.0	-	-	-
1980	2.3	-	-	-
1981	2.3	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	8.8	-	-	-
1978	9.5	-	-	-
1979	9.7	-	-	-
1980	9.3	-	-	-
1981	9.3	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	2.5	-	-	-
1978	2.8	-	-	-
1979	3.0	-	-	-
1980	2.8	-	-	-
1981	2.8	-	-	-
RETAIL TRADE — SIC 52-59				
1977	6.3	-	-	-
1978	6.6	-	-	-
1979	6.7	-	-	-
1980	6.5	-	-	-
1981	6.5	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	1.8	-	-	-
1978	1.8	-	-	-
1979	2.0	-	-	-
1980	1.9	-	-	-
1981	2.0	-	-	-
SERVICES AND MINING				
1977	5.0	-	-	-
1978	5.4	-	-	-
1979	5.9	-	-	-
1980	6.2	-	-	-
1981	6.3	-	-	-
GOVERNMENT				
1977	9.6	-	-	-
1978	9.5	-	-	-
1979	9.7	-	-	-
1980	10.1	-	-	-
1981	10.6	-	-	-
FEDERAL GOVERNMENT				
1977	2.9	-	-	-
1978	2.9	-	-	-
1979	2.8	-	-	-
ALBANY (Con.)				
FEDERAL GOVERNMENT (Con.)				
1980	2.8	-	-	-
1981	2.9	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	6.7	-	-	-
1978	6.6	-	-	-
1979	6.9	-	-	-
1980	7.3	-	-	-
1981	7.8	-	-	-
ATLANTA				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	823.4	-	-	-
1978	888.4	-	-	-
1979	940.2	-	-	-
1980	968.4	-	-	-
1981	989.2	-	-	-
CONSTRUCTION				
1977	35.7	-	-	-
1978	41.2	-	-	-
1979	43.5	-	-	-
1980	46.5	-	-	-
1981	45.5	-	-	-
MANUFACTURING				
1977	131.4	219.37	40.4	5.43
1978	138.4	227.55	39.3	5.79
1979	143.8	250.88	40.4	6.21
1980	143.9	263.45	38.8	6.79
1981	146.2	301.72	39.7	7.60
DURABLE GOODS				
1977	63.8	258.54	41.3	6.26
1978	68.4	256.19	38.7	6.62
1979	71.6	283.31	40.3	7.03
1980	71.6	299.53	38.5	7.78
1981	73.9	[1] 349.05	[1] 39.8	[1] 8.77
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	2.9	145.52	40.2	3.62
1978	3.2	155.61	39.9	3.90
1979	3.5	168.49	40.6	4.15
1980	3.1	[1] 192.50	[1] 42.4	[1] 4.54
1981	2.9	176.41	36.6	4.82
FURNITURE AND FIXTURES — SIC 25				
1977	3.2	186.66	39.8	4.69
1978	3.5	188.38	37.6	5.01
1979	3.8	194.33	39.1	4.97
1980	3.6	[1] 174.72	[1] 36.4	[1] 4.80
1981	3.7	[1] 213.33	[1] 40.1	[1] 5.32
HOUSEHOLD FURNITURE — SIC 251				
1977	1.9	-	-	-
1978	2.1	-	-	-
1979	2.3	-	-	-
1980	2.0	-	-	-
1981	2.0	-	-	-
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	6.9	194.08	40.1	4.84
1978	7.6	212.38	40.3	5.27
1979	7.3	234.18	40.1	5.84
1980	7.3	[1] 225.36	[1] 36.0	[1] 6.26
1981	7.0	[1] 279.50	[1] 40.1	[1] 6.97
PRIMARY METAL INDUSTRIES — SIC 33				
1977	4.4	321.03	43.5	7.38
1978	4.6	[1] 340.63	[1] 42.9	[1] 7.94
1979	5.0	384.11	43.5	8.83
1980	5.0	[1] 385.40	[1] 41.0	[1] 9.40
1981	5.2	470.17	43.9	10.71
ATLANTA (Con.)				
FABRICATED METAL PRODUCTS — SIC 34				
1977	7.7	211.85	40.2	5.27
1978	8.0	245.83	40.3	6.10
1979	8.2	274.39	41.7	6.58
1980	7.9	[1] 286.83	[1] 39.4	[1] 7.28
1981	7.9	[1] 280.46	[1] 37.9	[1] 7.40
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	6.2	178.30	39.1	4.56
1978	6.1	196.09	40.1	4.89
1979	6.9	217.06	39.9	5.44
1980	7.6	[1] 213.24	[1] 34.9	[1] 6.11
1981	8.4	330.44	40.2	8.72
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	7.1	-	-	-
1978	8.0	-	-	-
1979	9.4	-	-	-
1980	10.3	-	-	-
1981	11.0	-	-	-
TRANSPORTATION EQUIPMENT — SIC 37				
1977	21.8	366.24	43.6	8.40
1978	24.1	329.62	37.8	8.72
1979	24.1	358.16	37.9	9.45
1980	23.3	413.29	39.1	10.57
1981	24.3	479.60	40.0	11.99
NONDURABLE GOODS				
1977	67.6	180.06	39.4	4.57
1978	70.0	196.71	39.9	4.93
1979	72.2	217.49	40.5	5.37
1980	72.3	228.14	39.2	5.82
1981	72.2	253.29	39.7	6.38
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	18.7	181.15	40.8	4.44
1978	19.0	196.75	40.4	4.87
1979	19.3	219.64	40.3	5.45
1980	19.1	207.33	35.2	5.89
1981	19.1	[1] 241.47	[1] 39.2	[1] 6.16
MEAT PRODUCTS — SIC 201				
1977	5.2	-	-	-
1978	5.1	-	-	-
1979	5.2	-	-	-
1980	5.4	-	-	-
1981	5.4	-	-	-
BAKERY PRODUCTS — SIC 205				
1977	3.4	-	-	-
1978	3.6	-	-	-
1979	3.6	-	-	-
1980	3.4	-	-	-
1981	3.3	-	-	-
TEXTILE MILL PRODUCTS — SIC 22				
1977	7.4	147.84	38.4	3.85
1978	7.3	166.01	40.1	4.14
1979	7.3	179.33	39.5	4.54
1980	7.2	188.71	38.2	4.94
1981	6.3	193.09	36.5	5.29
WEAVING MILLS, COTTON — SIC 221				
1977	4.3	-	-	-
1978	3.9	-	-	-
1979	4.0	-	-	-
1980	3.9	-	-	-
1981	2.7	-	-	-
YARN AND THREAD MILLS — SIC 228				
1977	1.5	-	-	-
1978	1.6	-	-	-
1979	1.6	-	-	-
1980	1.6	-	-	-
1981	1.8	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Production or nonsupervisory workers: Average weekly hours	Production or nonsupervisory workers: Average hourly earnings (dollars)
ATLANTA (Con.)				
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	9.6	119.02	34.6	3.44
1978	10.1	136.04	35.8	3.80
1979	9.8	148.50	37.5	3.96
1980	9.7	[1] 165.06	[1] 39.3	[1] 4.20
1981	9.0	167.77	37.2	4.51
MEN'S AND BOYS' SUITS, COATS, AND FURNISHINGS — SIC 231,2				
1977	4.3	120.12	33.0	3.64
1978	4.4	142.71	35.5	4.02
1979	4.4	151.56	36.0	4.21
1980	4.2	[1] 172.22	[1] 41.2	[1] 4.18
1981	3.7	160.38	35.8	4.48
WOMEN'S, MISSES', AND CHILDREN'S OUTERWEAR AND UNDERGARMENTS — SIC 233,4,6				
1977	3.2	117.17	36.5	3.21
1978	3.5	127.45	35.7	3.57
1979	3.4	144.54	39.6	3.65
1980	3.5	[1] 152.03	[1] 36.9	[1] 4.12
1981	3.3	[1] 169.30	[1] 39.1	[1] 4.33
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	7.5	245.28	43.8	5.60
1978	7.6	269.55	43.9	6.14
1979	7.8	295.70	44.6	6.63
1980	7.9	[1] 302.66	[1] 43.8	[1] 6.91
1981	8.5	315.59	41.8	7.55
PAPERBOARD CONTAINERS AND BOXES — SIC 265				
1977	4.2	229.51	43.8	5.24
1978	4.3	255.50	43.9	5.82
1979	4.1	276.43	44.3	6.24
1980	4.1	297.89	42.8	6.96
1981	4.6	276.00	40.0	6.90
PRINTING AND PUBLISHING — SIC 27				
1977	12.7	-	-	-
1978	14.0	-	-	-
1979	15.0	-	-	-
1980	15.4	-	-	-
1981	15.8	-	-	-
COMMERCIAL PRINTING — SIC 275				
1977	5.2	-	-	-
1978	5.6	-	-	-
1979	6.2	-	-	-
1980	6.3	-	-	-
1981	6.7	-	-	-
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	7.0	196.26	40.3	4.87
1978	6.9	[1] 225.66	[1] 42.1	[1] 5.36
1979	7.1	237.15	41.9	5.66
1980	7.3	[1] 243.76	[1] 36.6	[1] 6.66
1981	7.6	298.48	41.0	7.28
TRANSPORTATION AND PUBLIC UTILITIES				
1977	71.8	-	-	-
1978	77.5	-	-	-
1979	83.4	-	-	-
1980	85.8	-	-	-
1981	89.1	-	-	-
TRANSPORTATION — SIC 40-42,44-47				
1977	48.1	-	-	-
1978	52.1	-	-	-
1979	55.3	-	-	-
1980	55.9	-	-	-
1981	57.6	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	230.7	-	-	-
1978	247.5	-	-	-
1979	260.4	-	-	-
1980	265.7	-	-	-
1981	269.7	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Production or nonsupervisory workers: Average weekly hours	Production or nonsupervisory workers: Average hourly earnings (dollars)
ATLANTA (Con.)				
WHOLESALE TRADE — SIC 50,51				
1977	86.4	-	-	-
1978	93.2	-	-	-
1979	99.8	-	-	-
1980	101.3	-	-	-
1981	104.2	-	-	-
WHOLESALE TRADE - DURABLE GOODS — SIC 50				
1977	56.8	-	-	-
1978	61.8	-	-	-
1979	67.0	-	-	-
1980	67.8	-	-	-
1981	69.1	-	-	-
WHOLESALE TRADE - NONDURABLE GOODS — SIC 51				
1977	29.6	-	-	-
1978	31.4	-	-	-
1979	32.9	-	-	-
1980	33.5	-	-	-
1981	35.2	-	-	-
RETAIL TRADE — SIC 52-59				
1977	144.3	-	-	-
1978	154.3	-	-	-
1979	160.6	-	-	-
1980	164.4	-	-	-
1981	165.5	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	57.6	-	-	-
1978	60.2	-	-	-
1979	64.5	-	-	-
1980	67.4	-	-	-
1981	67.6	-	-	-
FINANCE — SIC 60-62				
1977	21.3	-	-	-
1978	21.9	-	-	-
1979	23.5	-	-	-
1980	25.0	-	-	-
1981	26.0	-	-	-
INSURANCE CARRIERS, AGENTS AND BROKERS — SIC 63,64				
1977	22.1	-	-	-
1978	23.7	-	-	-
1979	25.3	-	-	-
1980	25.9	-	-	-
1981	25.4	-	-	-
SERVICES AND MINING				
1977	159.0	-	-	-
1978	174.4	-	-	-
1979	188.5	-	-	-
1980	199.3	-	-	-
1981	208.7	-	-	-
GOVERNMENT				
1977	137.2	-	-	-
1978	149.1	-	-	-
1979	156.1	-	-	-
1980	159.7	-	-	-
1981	162.4	-	-	-
FEDERAL GOVERNMENT				
1977	29.4	-	-	-
1978	30.6	-	-	-
1979	32.8	-	-	-
1980	34.0	-	-	-
1981	35.8	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	107.8	-	-	-
1978	118.5	-	-	-
1979	123.3	-	-	-
1980	125.8	-	-	-
1981	126.6	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Production or nonsupervisory workers: Average weekly hours	Production or nonsupervisory workers: Average hourly earnings (dollars)
AUGUSTA				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	111.8	-	-	-
1978	117.4	-	-	-
1979	120.8	-	-	-
1980	121.9	-	-	-
1981	122.4	-	-	-
CONSTRUCTION				
1977	6.9	-	-	-
1978	7.0	-	-	-
1979	6.6	-	-	-
1980	5.7	-	-	-
1981	5.4	-	-	-
MANUFACTURING				
1977	35.3	-	-	-
1978	35.7	-	-	-
1979	36.1	-	-	-
1980	36.1	-	-	-
1981	35.7	-	-	-
DURABLE GOODS				
1977	8.9	-	-	-
1978	9.1	-	-	-
1979	9.5	-	-	-
1980	9.0	-	-	-
1981	8.6	-	-	-
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	.7	-	-	-
1978	.7	-	-	-
1979	.7	-	-	-
1980	.7	-	-	-
1981	.7	-	-	-
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	3.6	-	-	-
1978	3.6	-	-	-
1979	3.8	-	-	-
1980	3.5	-	-	-
1981	3.3	-	-	-
PRIMARY METALS, FABRICATED METALS, AND MACHINERY — SIC 33-36				
1977	2.7	-	-	-
1978	2.4	-	-	-
1979	2.3	-	-	-
1980	2.2	-	-	-
1981	2.2	-	-	-
NONDURABLE GOODS				
1977	26.3	-	-	-
1978	26.6	-	-	-
1979	26.6	-	-	-
1980	27.1	-	-	-
1981	27.1	-	-	-
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	2.7	-	-	-
1978	2.6	-	-	-
1979	2.5	-	-	-
1980	2.8	-	-	-
1981	2.9	-	-	-
TEXTILE MILL PRODUCTS — SIC 22				
1977	10.8	-	-	-
1978	10.5	-	-	-
1979	10.4	-	-	-
1980	10.3	-	-	-
1981	9.9	-	-	-
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	2.7	-	-	-
1978	2.7	-	-	-
1979	2.7	-	-	-
1980	2.6	-	-	-
1981	2.4	-	-	-

See footnotes at end of tables.

GEORGIA

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
AUGUSTA (Con.)				
PRINTING AND PUBLISHING — SIC 27				
1977	0.6	-	-	-
1978	.6	-	-	-
1979	.7	-	-	-
1980	.7	-	-	-
1981	.7	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	3.9	-	-	-
1978	4.2	-	-	-
1979	4.3	-	-	-
1980	4.3	-	-	-
1981	4.4	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	19.6	-	-	-
1978	22.0	-	-	-
1979	23.2	-	-	-
1980	22.7	-	-	-
1981	22.6	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	3.6	-	-	-
1978	3.9	-	-	-
1979	4.3	-	-	-
1980	4.1	-	-	-
1981	4.0	-	-	-
RETAIL TRADE — SIC 52-59				
1977	16.0	-	-	-
1978	18.0	-	-	-
1979	18.9	-	-	-
1980	18.6	-	-	-
1981	18.6	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	4.2	-	-	-
1978	4.4	-	-	-
1979	4.6	-	-	-
1980	4.5	-	-	-
1981	4.5	-	-	-
SERVICES AND MINING				
1977	13.8	-	-	-
1978	14.8	-	-	-
1979	16.3	-	-	-
1980	17.5	-	-	-
1981	18.1	-	-	-
GOVERNMENT				
1977	28.1	-	-	-
1978	29.4	-	-	-
1979	29.6	-	-	-
1980	31.0	-	-	-
1981	31.8	-	-	-
FEDERAL GOVERNMENT				
1977	7.0	-	-	-
1978	6.8	-	-	-
1979	6.8	-	-	-
1980	7.4	-	-	-
1981	7.1	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	21.1	-	-	-
1978	22.6	-	-	-
1979	22.8	-	-	-
1980	23.6	-	-	-
1981	24.7	-	-	-
COLUMBUS				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	78.8	-	-	-
1978	81.6	-	-	-
1979	82.0	-	-	-
1980	80.4	-	-	-
1981	81.3	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
COLUMBUS (Con.)				
CONSTRUCTION				
1977	4.6	-	-	-
1978	5.0	-	-	-
1979	4.3	-	-	-
1980	3.8	-	-	-
1981	4.8	-	-	-
MANUFACTURING				
1977	20.4	-	-	-
1978	21.0	-	-	-
1979	21.2	-	-	-
1980	21.3	-	-	-
1981	21.3	-	-	-
DURABLE GOODS				
1977	4.6	-	-	-
1978	5.6	-	-	-
1979	5.8	-	-	-
1980	5.7	-	-	-
1981	5.6	-	-	-
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	.5	-	-	-
1978	.7	-	-	-
1979	.6	-	-	-
1980	.5	-	-	-
1981	.5	-	-	-
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	.6	-	-	-
1978	.6	-	-	-
1979	.5	-	-	-
1980	.5	-	-	-
1981	.5	-	-	-
PRIMARY METALS, FABRICATED METALS, AND MACHINERY — SIC 33-36				
1977	3.2	-	-	-
1978	4.0	-	-	-
1979	4.3	-	-	-
1980	4.4	-	-	-
1981	4.4	-	-	-
NONDURABLE GOODS				
1977	15.7	-	-	-
1978	15.4	-	-	-
1979	15.4	-	-	-
1980	15.5	-	-	-
1981	15.6	-	-	-
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	3.9	-	-	-
1978	3.8	-	-	-
1979	3.7	-	-	-
1980	3.7	-	-	-
1981	4.0	-	-	-
TEXTILE MILL PRODUCTS — SIC 22				
1977	9.0	-	-	-
1978	8.9	-	-	-
1979	8.9	-	-	-
1980	8.8	-	-	-
1981	8.4	-	-	-
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	.8	-	-	-
1978	.9	-	-	-
1979	.8	-	-	-
1980	.9	-	-	-
1981	.9	-	-	-
PRINTING AND PUBLISHING — SIC 27				
1977	.8	-	-	-
1978	.8	-	-	-
1979	.8	-	-	-
1980	1.1	-	-	-
1981	1.1	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
COLUMBUS (Con.)				
TRANSPORTATION AND PUBLIC UTILITIES				
1977	3.2	-	-	-
1978	3.3	-	-	-
1979	3.4	-	-	-
1980	3.4	-	-	-
1981	3.3	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	16.8	-	-	-
1978	17.3	-	-	-
1979	17.5	-	-	-
1980	16.3	-	-	-
1981	15.9	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	2.7	-	-	-
1978	2.7	-	-	-
1979	2.7	-	-	-
1980	2.4	-	-	-
1981	2.4	-	-	-
RETAIL TRADE — SIC 52-59				
1977	14.0	-	-	-
1978	14.6	-	-	-
1979	14.9	-	-	-
1980	13.8	-	-	-
1981	13.5	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	4.7	-	-	-
1978	5.1	-	-	-
1979	5.3	-	-	-
1980	5.4	-	-	-
1981	5.4	-	-	-
SERVICES AND MINING				
1977	10.8	-	-	-
1978	11.0	-	-	-
1979	11.1	-	-	-
1980	11.1	-	-	-
1981	11.5	-	-	-
GOVERNMENT				
1977	18.3	-	-	-
1978	18.9	-	-	-
1979	19.2	-	-	-
1980	19.1	-	-	-
1981	19.2	-	-	-
FEDERAL GOVERNMENT				
1977	6.2	-	-	-
1978	6.0	-	-	-
1979	5.8	-	-	-
1980	5.8	-	-	-
1981	6.0	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	12.1	-	-	-
1978	12.9	-	-	-
1979	13.4	-	-	-
1980	13.3	-	-	-
1981	13.2	-	-	-
MACON				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	94.9	-	-	-
1978	96.1	-	-	-
1979	96.2	-	-	-
1980	97.3	-	-	-
1981	98.0	-	-	-
CONSTRUCTION				
1977	4.8	-	-	-
1978	4.7	-	-	-
1979	4.6	-	-	-
1980	4.5	-	-	-
1981	3.7	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
MACON (Con.)				
MANUFACTURING				
1977	16.2	-	-	-
1978	15.8	-	-	-
1979	15.6	-	-	-
1980	16.1	-	-	-
1981	17.0	-	-	-
DURABLE GOODS				
1977	4.6	-	-	-
1978	4.8	-	-	-
1979	5.0	-	-	-
1980	5.3	-	-	-
1981	5.9	-	-	-
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	1.1	-	-	-
1978	.8	-	-	-
1979	.8	-	-	-
1980	.7	-	-	-
1981	.7	-	-	-
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	1.2	-	-	-
1978	1.4	-	-	-
1979	1.4	-	-	-
1980	1.3	-	-	-
1981	1.3	-	-	-
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	.2	-	-	-
1978	.2	-	-	-
1979	.2	-	-	-
1980	.2	-	-	-
1981	.2	-	-	-
NONDURABLE GOODS				
1977	11.5	-	-	-
1978	11.0	-	-	-
1979	10.6	-	-	-
1980	10.8	-	-	-
1981	11.2	-	-	-
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	2.9	-	-	-
1978	2.9	-	-	-
1979	2.8	-	-	-
1980	2.8	-	-	-
1981	2.9	-	-	-
TEXTILE MILL PRODUCTS — SIC 22				
1977	2.1	-	-	-
1978	2.0	-	-	-
1979	1.8	-	-	-
1980	1.6	-	-	-
1981	1.4	-	-	-
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	3.0	-	-	-
1978	2.0	-	-	-
1979	1.9	-	-	-
1980	2.0	-	-	-
1981	2.1	-	-	-
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	2.0	-	-	-
1978	2.1	-	-	-
1979	2.1	-	-	-
1980	2.1	-	-	-
1981	2.2	-	-	-
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	.2	-	-	-
1978	.3	-	-	-
1979	.2	-	-	-
1980	.2	-	-	-
1981	.2	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
MACON (Con.)				
TRANSPORTATION AND PUBLIC UTILITIES				
1977	4.5	-	-	-
1978	4.5	-	-	-
1979	4.8	-	-	-
1980	4.7	-	-	-
1981	4.5	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	19.2	-	-	-
1978	20.2	-	-	-
1979	20.4	-	-	-
1980	20.2	-	-	-
1981	20.2	-	-	-
WHOLESALE TRADE — SIC 50,51				
1981	3.9	-	-	-
RETAIL TRADE — SIC 52-59				
1981	16.3	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	5.6	-	-	-
1978	5.8	-	-	-
1979	5.8	-	-	-
1980	5.7	-	-	-
1981	6.2	-	-	-
SERVICES AND MINING				
1977	14.9	-	-	-
1978	15.4	-	-	-
1979	16.2	-	-	-
1980	17.1	-	-	-
1981	17.2	-	-	-
GOVERNMENT				
1977	29.7	-	-	-
1978	29.7	-	-	-
1979	28.7	-	-	-
1980	29.0	-	-	-
1981	29.3	-	-	-
FEDERAL GOVERNMENT				
1977	16.1	-	-	-
1978	16.2	-	-	-
1979	15.8	-	-	-
1980	15.9	-	-	-
1981	16.0	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	13.6	-	-	-
1978	13.5	-	-	-
1979	13.0	-	-	-
1980	13.1	-	-	-
1981	13.2	-	-	-
SAVANNAH				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	80.1	-	-	-
1978	84.1	-	-	-
1979	86.2	-	-	-
1980	86.2	-	-	-
1981	88.1	-	-	-
CONSTRUCTION				
1977	5.1	-	-	-
1978	5.6	-	-	-
1979	5.2	-	-	-
1980	5.1	-	-	-
1981	4.8	-	-	-
MANUFACTURING				
1977	16.3	239.33	43.2	5.54
1978	16.7	267.07	42.8	6.24
1979	16.9	300.47	43.8	6.86
1980	16.6	325.43	43.8	7.43
1981	16.7	358.66	43.9	8.17

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
SAVANNAH (Con.)				
DURABLE GOODS				
1977	6.2	213.85	42.6	5.02
1978	6.5	233.65	41.5	5.63
1979	6.5	267.10	42.6	6.27
1980	6.2	[1] 307.04	[1] 43.8	[1] 7.01
1981	6.7	[1] 338.03	[1] 43.9	[1] 7.70
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	1.3	183.12	43.6	4.20
1978	1.3	187.78	41.0	4.58
1979	1.3	219.37	43.7	5.02
1980	1.2	194.56	38.0	5.12
1981	1.2	236.88	42.3	5.60
MILLWORK, PLYWOOD AND STRUCTURAL MEMBERS — SIC 243				
1977	.7	-	-	-
1978	.8	-	-	-
1979	.7	-	-	-
1980	.6	-	-	-
1981	.5	-	-	-
TRANSPORTATION EQUIPMENT — SIC 37				
1977	2.9	231.55	42.8	5.41
1978	3.2	262.91	43.1	6.10
1979	3.0	300.88	42.8	7.03
1980	2.8	342.28	43.0	7.96
1981	3.2	391.88	45.2	8.67
NONDURABLE GOODS				
1977	10.1	255.35	43.5	5.87
1978	10.2	290.17	43.7	6.64
1979	10.4	322.01	44.6	7.22
1980	10.4	336.05	43.7	7.69
1981	10.0	374.03	43.9	8.52
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	1.8	-	-	-
1978	1.9	-	-	-
1979	1.9	-	-	-
1980	1.9	-	-	-
1981	1.8	-	-	-
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	4.8	286.82	44.4	6.46
1978	4.8	336.74	45.2	7.45
1979	4.9	377.10	46.1	8.18
1980	4.9	386.75	43.7	8.85
1981	4.8	435.28	45.2	9.63
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	1.6	232.29	43.5	5.34
1978	1.7	261.52	44.4	5.89
1979	1.9	273.86	44.1	6.21
1980	2.0	[illegible]	[1] 45.8	[1] 6.79
1981	1.9	[illegible]02	43.0	7.14
PETROLEUM AND COAL PRODUCTS — SIC 29				
1977	.8	-	-	-
1978	.8	-	-	-
1979	.8	-	-	-
1980	.7	-	-	-
1981	.7	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	7.9	-	-	-
1978	8.4	-	-	-
1979	9.0	-	-	-
1980	9.4	-	-	-
1981	8.9	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	18.8	-	-	-
1978	19.3	-	-	-
1979	19.9	-	-	-
1980	20.3	-	-	-
1981	21.7	-	-	-

See footnotes at end of tables.

GEORGIA

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
SAVANNAH (Con.)				
WHOLESALE TRADE — SIC 50,51				
1977	4.1	-	-	-
1978	4.2	-	-	-
1979	4.2	-	-	-
1980	4.2	-	-	-
1981	4.4	-	-	-
RETAIL TRADE — SIC 52-59				
1977	14.7	-	-	-
1978	15.1	-	-	-
1979	15.7	-	-	-
1980	16.1	-	-	-
1981	17.3	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	3.8	-	-	-
1978	4.0	-	-	-
1979	4.0	-	-	-
1980	4.0	-	-	-
1981	4.1	-	-	-
SERVICES AND MINING				
1977	13.3	-	-	-
1978	14.3	-	-	-
1979	15.2	-	-	-
1980	15.1	-	-	-
1981	15.8	-	-	-
GOVERNMENT				
1977	14.9	-	-	-
1978	15.8	-	-	-
1979	16.1	-	-	-
1980	15.7	-	-	-
1981	16.1	-	-	-
FEDERAL GOVERNMENT				
1977	2.4	-	-	-
1978	2.5	-	-	-
1979	2.5	-	-	-
1980	2.5	-	-	-
1981	2.6	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	12.5	-	-	-
1978	13.3	-	-	-
1979	13.6	-	-	-
1980	13.2	-	-	-
1981	13.5	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	359.4	–	–	–
1978	377.3	–	–	–
1979	394.1	–	–	–
1980	404.7	–	–	–
1981	404.6	–	–	–
CONSTRUCTION				
1977	19.7	352.36	35.7	9.87
1978	20.7	385.40	36.6	10.53
1979	23.4	397.80	36.0	11.05
1980	23.9	428.97	36.2	11.85
1981	22.3	475.31	36.2	13.13
MANUFACTURING				
1977	23.2	209.38	38.0	5.51
1978	23.7	227.74	38.6	5.90
1979	24.0	244.35	38.3	6.38
1980	24.0	258.17	37.8	6.83
1981	23.2	289.90	38.5	7.53
DURABLE GOODS				
1977	4.6	–	–	–
1978	4.7	–	–	–
1979	4.8	–	–	–
1980	4.7	–	–	–
1981	4.4	–	–	–
LUMBER, AND FURNITURE — SIC 24,25				
1977	.8	–	–	–
1978	.7	–	–	–
1979	.8	–	–	–
1980	.8	–	–	–
1981	.7	–	–	–
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	1.6	–	–	–
1978	1.6	–	–	–
1979	1.7	–	–	–
1980	1.6	–	–	–
1981	1.4	–	–	–
NONDURABLE GOODS				
1977	18.6	–	–	–
1978	19.0	–	–	–
1979	19.2	–	–	–
1980	19.3	–	–	–
1981	18.8	–	–	–
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	11.3	188.33	38.2	4.93
1978	11.7	204.72	38.7	5.29
1979	11.6	217.74	38.0	5.73
1980	11.8	238.26	37.7	6.32
1981	11.3	274.31	39.3	6.98
RAW CANE SUGAR, AND CANNED FRUITS AND VEGETABLES — SIC 2061,2033				
1977	7.0	–	–	–
1978	7.4	–	–	–
1979	7.2	–	–	–
1980	7.4	–	–	–
1981	6.9	–	–	–
TEXTILES, AND APPAREL — SIC 22,23				
1977	3.2	111.78	35.6	3.14
1978	3.3	124.62	37.2	3.35
1979	3.3	130.64	36.8	3.55

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
TEXTILES, AND APPAREL — SIC 22,23 (Con.)				
1980	3.1	143.98	37.3	3.86
1981	3.0	150.64	36.3	4.15
PRINTING AND PUBLISHING — SIC 27				
1977	2.7	268.76	34.5	7.79
1978	2.8	289.88	34.8	8.33
1979	3.0	306.92	35.4	8.67
1980	3.1	330.01	35.6	9.27
1981	3.1	355.21	35.1	10.12
TRANSPORTATION AND PUBLIC UTILITIES				
1977	28.2	–	–	–
1978	28.8	–	–	–
1979	30.5	–	–	–
1980	31.2	–	–	–
1981	31.3	–	–	–
TRANSPORTATION — SIC 40–42,44–47				
1977	19.2	–	–	–
1978	19.9	–	–	–
1979	21.2	–	–	–
1980	21.5	–	–	–
1981	21.4	–	–	–
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	–	311.28	42.7	7.29
1978	–	352.54	44.4	7.94
1979	–	378.35	44.2	8.56
1980	–	421.16	44.9	9.38
1981	–	433.70	43.5	9.97
COMMUNICATION — SIC 48				
1977	6.5	–	–	–
1978	6.4	–	–	–
1979	6.8	–	–	–
1980	7.1	–	–	–
1981	7.3	–	–	–
ELECTRIC, GAS, AND SANITARY SERVICES — SIC 49				
1977	2.5	–	–	–
1978	2.5	–	–	–
1979	2.5	–	–	–
1980	2.6	–	–	–
1981	2.6	–	–	–
WHOLESALE AND RETAIL TRADE				
1977	92.2	–	–	–
1978	97.9	–	–	–
1979	102.9	–	–	–
1980	105.3	–	–	–
1981	105.5	–	–	–
WHOLESALE AND RETAIL TRADE, EXCEPT EATING AND DRINKING PLACES — SIC 50–57,59				
1977	–	147.74	33.2	4.45
1978	–	158.07	33.0	4.79
1979	–	173.01	33.4	5.18
1980	–	184.82	33.3	5.55
1981	–	198.99	33.0	6.03
WHOLESALE TRADE — SIC 50,51				
1977	16.6	207.59	38.3	5.42
1978	17.2	219.84	38.3	5.74
1979	18.3	238.23	38.3	6.22
1980	18.6	252.50	38.2	6.61
1981	18.5	275.88	38.0	7.26

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
RETAIL TRADE — SIC 52–59				
1977	75.6	–	–	–
1978	80.7	–	–	–
1979	84.6	–	–	–
1980	86.7	–	–	–
1981	87.0	–	–	–
RETAIL TRADE, EXCEPT EATING AND DRINKING PLACES — SIC 52–57,59				
1977	–	128.93	31.6	4.08
1978	–	138.47	31.4	4.41
1979	–	151.69	31.8	4.77
1980	–	162.30	31.7	5.12
1981	–	174.27	31.4	5.55
FINANCE, INSURANCE, AND REAL ESTATE				
1977	25.6	–	–	–
1978	28.8	–	–	–
1979	31.5	–	–	–
1980	32.8	–	–	–
1981	32.2	–	–	–
BANKING, AND CREDIT AGENCIES — SIC 60,61				
1977	–	164.11	–	–
1978	–	166.48	–	–
1979	–	174.83	–	–
1980	–	185.58	–	–
1981	–	212.64	–	–
SERVICES				
1977	84.8	–	–	–
1978	90.3	–	–	–
1979	95.3	–	–	–
1980	98.5	–	–	–
1981	101.1	–	–	–
HOTELS AND OTHER LODGING PLACES — SIC 70				
1977	22.2	137.38	31.8	4.32
1978	22.8	155.20	32.4	4.79
1979	24.1	166.52	31.9	5.22
1980	24.9	173.72	31.3	5.55
1981	24.6	193.64	32.6	5.94
LAUNDRIES, CLEANING, AND GARMENT SERVICES — SIC 721				
1977	–	110.66	34.8	3.18
1978	–	129.60	36.1	3.59
1979	–	144.77	37.8	3.83
1980	–	151.25	36.8	4.11
1981	–	161.55	36.8	4.39
GOVERNMENT				
1977	85.7	–	–	–
1978	87.1	–	–	–
1979	86.5	–	–	–
1980	89.0	–	–	–
1981	89.0	–	–	–
FEDERAL GOVERNMENT				
1977	29.3	–	–	–
1978	29.4	–	–	–
1979	29.7	–	–	–
1980	30.0	–	–	–
1981	30.4	–	–	–
STATE GOVERNMENT				
1977	42.6	–	–	–
1978	43.3	–	–	–

See footnotes at end of tables.

HAWAII

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
STATE GOVERNMENT (Con.)				
1979	43.3	-	-	-
1980	45.1	-	-	-
1981	45.3	-	-	-
LOCAL GOVERNMENT				
1977	13.8	-	-	-
1978	14.4	-	-	-
1979	13.5	-	-	-
1980	13.9	-	-	-
1981	13.3	-	-	-
HONOLULU				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	298.4	-	-	-
1978	312.5	-	-	-
1979	325.8	-	-	-
1980	333.0	-	-	-
1981	332.7	-	-	-
CONSTRUCTION				
1977	16.4	356.13	35.9	9.92
1978	17.1	390.40	36.9	10.58
1979	19.0	406.22	36.4	11.16
1980	19.0	436.07	36.4	11.98
1981	18.2	477.71	36.3	13.16
MANUFACTURING				
1977	17.2	206.42	37.6	5.49
1978	17.5	222.26	37.8	5.88
1979	17.7	240.53	37.7	6.38
1980	17.1	256.74	37.7	6.81
1981	16.9	280.88	37.5	7.49
DURABLE GOODS				
1977	4.0	-	-	-
1978	4.1	-	-	-
1979	4.2	-	-	-
1980	4.0	-	-	-
1981	3.8	-	-	-
LUMBER, AND FURNITURE — SIC 24,25				
1977	.7	-	-	-
1978	.7	-	-	-
1979	.7	-	-	-
1980	.7	-	-	-
1981	.7	-	-	-
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	1.3	-	-	-
1978	1.3	-	-	-
1979	1.4	-	-	-
1980	1.3	-	-	-
1981	1.1	-	-	-
NONDURABLE GOODS				
1977	13.2	-	-	-
1978	13.4	-	-	-
1979	13.5	-	-	-
1980	13.1	-	-	-
1981	13.1	-	-	-
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	6.6	173.22	36.7	4.72
1978	6.8	184.32	36.5	5.05
1979	6.7	199.08	36.0	5.53
1980	6.3	226.69	36.8	6.16
1981	6.2	247.53	37.0	6.69
RAW CANE SUGAR, AND CANNED FRUITS AND VEGETABLES — SIC 2061,2033				
1977	3.3	-	-	-
1978	3.5	-	-	-
1979	3.4	-	-	-
1980	3.1	-	-	-
1981	3.0	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
HONOLULU (Con.)				
TEXTILES, AND APPAREL — SIC 22,23				
1977	3.1	112.14	35.6	3.15
1978	3.1	125.70	37.3	3.37
1979	3.2	131.72	37.0	3.56
1980	3.0	145.10	37.3	3.89
1981	2.9	151.79	36.4	4.17
PRINTING AND PUBLISHING — SIC 27				
1977	2.4	273.82	34.4	7.96
1978	2.5	293.75	34.6	8.49
1979	2.6	311.52	35.4	8.80
1980	2.7	335.45	35.8	9.37
1981	2.8	361.86	35.2	10.28
TRANSPORTATION AND PUBLIC UTILITIES				
1977	23.3	-	-	-
1978	23.7	-	-	-
1979	25.4	-	-	-
1980	26.0	-	-	-
1981	26.2	-	-	-
TRANSPORTATION — SIC 40-42,44-47				
1977	16.2	-	-	-
1978	16.8	-	-	-
1979	18.2	-	-	-
1980	18.5	-	-	-
1981	18.6	-	-	-
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	-	310.17	42.9	7.23
1978	-	351.10	44.5	7.89
1979	-	376.99	44.3	8.51
1980	-	417.05	44.7	9.33
1981	-	431.52	43.5	9.92
COMMUNICATION — SIC 48				
1977	5.3	-	-	-
1978	5.1	-	-	-
1979	5.4	-	-	-
1980	5.6	-	-	-
1981	5.8	-	-	-
ELECTRIC, GAS, AND SANITARY SERVICES — SIC 49				
1977	1.8	-	-	-
1978	1.8	-	-	-
1979	1.8	-	-	-
1980	1.9	-	-	-
1981	1.8	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	77.2	-	-	-
1978	81.9	-	-	-
1979	85.7	-	-	-
1980	87.6	-	-	-
1981	87.5	-	-	-
WHOLESALE AND RETAIL TRADE, EXCEPT EATING AND DRINKING PLACES — SIC 50-57,59				
1977	-	152.76	33.5	4.56
1978	-	163.66	33.4	4.90
1979	-	180.01	33.9	5.31
1980	-	191.54	33.9	5.65
1981	-	207.03	33.5	6.18
WHOLESALE TRADE — SIC 50,51				
1977	14.7	217.49	38.7	5.62
1978	15.2	230.86	38.8	5.95
1979	16.1	250.24	39.1	6.40
1980	16.2	265.20	39.0	6.80
1981	16.1	289.50	38.6	7.50
RETAIL TRADE — SIC 52-59				
1977	62.5	-	-	-
1978	66.7	-	-	-
1979	69.6	-	-	-
1980	71.3	-	-	-
1981	71.4	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
HONOLULU (Con.)				
RETAIL TRADE, EXCEPT EATING AND DRINKING PLACES — SIC 52-57,59				
1977	-	130.29	31.7	4.11
1978	-	140.80	31.5	4.47
1979	-	155.68	32.1	4.85
1980	-	165.32	32.1	5.15
1981	-	179.03	31.8	5.63
FINANCE, INSURANCE, AND REAL ESTATE				
1977	22.4	-	-	-
1978	25.2	-	-	-
1979	27.4	-	-	-
1980	28.5	-	-	-
1981	27.5	-	-	-
BANKING, AND CREDIT AGENCIES — SIC 60,61				
1977	-	165.11	-	-
1978	-	166.68	-	-
1979	-	175.25	-	-
1980	-	185.84	-	-
1981	-	213.29	-	-
SERVICES				
1977	68.9	-	-	-
1978	73.3	-	-	-
1979	77.2	-	-	-
1980	79.3	-	-	-
1981	81.0	-	-	-
HOTELS AND OTHER LODGING PLACES — SIC 70				
1977	14.0	139.54	32.3	4.32
1978	14.3	156.32	32.5	4.81
1979	15.1	170.17	32.6	5.22
1980	15.2	183.37	33.1	5.54
1981	14.5	192.99	32.6	5.92
LAUNDRIES, CLEANING, AND GARMENT SERVICES — SIC 721				
1977	-	114.95	35.7	3.22
1978	-	134.32	36.6	3.67
1979	-	148.93	37.8	3.94
1980	-	155.77	37.0	4.21
1981	-	165.52	36.7	4.51
GOVERNMENT				
1977	73.0	-	-	-
1978	73.8	-	-	-
1979	73.4	-	-	-
1980	75.5	-	-	-
1981	75.4	-	-	-
FEDERAL GOVERNMENT				
1977	28.4	-	-	-
1978	28.3	-	-	-
1979	28.5	-	-	-
1980	28.8	-	-	-
1981	29.3	-	-	-
STATE GOVERNMENT				
1977	34.5	-	-	-
1978	35.1	-	-	-
1979	35.1	-	-	-
1980	36.6	-	-	-
1981	36.6	-	-	-
LOCAL GOVERNMENT				
1977	10.1	-	-	-
1978	10.4	-	-	-
1979	9.8	-	-	-
1980	10.1	-	-	-
1981	9.5	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	307.4	-	-	-
1978	331.3	-	-	-
1979	338.0	-	-	-
1980	330.0	-	-	-
1981	326.3	-	-	-
MINING				
1977	3.4	297.75	40.4	7.37
1978	3.9	353.94	41.3	8.57
1979	4.3	399.75	41.0	9.75
1980	4.7	460.72	40.7	11.32
1981	4.9	517.52	40.4	12.81
METAL MINING — SIC 10				
1977	2.3	-	-	-
1978	2.6	-	-	-
1979	2.9	-	-	-
1980	3.1	-	-	-
1981	3.4	-	-	-
CONSTRUCTION				
1977	19.0	334.60	36.0	9.30
1978	19.8	343.18	35.6	9.64
1979	19.1	394.49	35.7	11.05
1980	17.4	422.10	36.8	11.47
1981	16.3	433.76	35.7	12.15
MANUFACTURING				
1977	54.1	228.73	39.3	5.82
1978	58.1	253.36	38.8	6.53
1979	58.3	265.04	38.3	6.92
1980	53.3	280.11	37.1	7.55
1981	52.3	311.09	37.8	8.23
DURABLE GOODS				
1977	29.5	-	-	-
1978	32.4	-	-	-
1979	32.3	-	-	-
1980	28.0	-	-	-
1981	27.4	-	-	-
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	17.8	274.44	40.9	6.71
1978	18.9	296.40	39.0	7.60
1979	18.8	312.37	38.9	8.03
1980	15.4	316.39	36.2	8.74
1981	14.8	365.94	38.0	9.63
LOGGING CAMPS AND LOGGING CONTRACTORS — SIC 241				
1977	3.5	-	-	-
1978	3.8	-	-	-
1979	3.6	-	-	-
1980	2.7	-	-	-
1981	3.0	-	-	-
SAWMILLS AND PLANING MILLS — SIC 242				
1977	9.5	-	-	-
1978	9.5	-	-	-
1979	9.7	-	-	-
1980	8.1	-	-	-
1981	7.4	-	-	-
WOOD BUILDINGS AND MOBILE HOMES — SIC 245				
1977	2.3	-	-	-
1978	2.6	-	-	-
1979	2.4	-	-	-
1980	1.7	-	-	-
1981	1.6	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	1.5	-	-	-
1978	1.5	-	-	-
1979	1.4	-	-	-
1980	1.3	-	-	-
1981	1.2	-	-	-
PRIMARY METAL INDUSTRIES — SIC 33				
1977	1.0	-	-	-
1978	1.3	-	-	-
1979	1.5	-	-	-
1980	1.5	-	-	-
1981	1.4	-	-	-
FABRICATED METAL PRODUCTS — SIC 34				
1977	1.8	-	-	-
1978	2.2	-	-	-
1979	2.3	-	-	-
1980	2.1	-	-	-
1981	2.0	-	-	-
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	3.6	-	-	-
1978	4.2	-	-	-
1979	4.9	-	-	-
1980	5.0	-	-	-
1981	5.1	-	-	-
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	1.0	-	-	-
1978	1.3	-	-	-
1979	1.6	-	-	-
1980	1.5	-	-	-
1981	1.6	-	-	-
TRANSPORTATION EQUIPMENT — SIC 37				
1977	1.4	-	-	-
1978	1.2	-	-	-
1979	.7	-	-	-
1980	.3	-	-	-
1981	.4	-	-	-
NONDURABLE GOODS				
1977	24.6	-	-	-
1978	25.7	-	-	-
1979	26.0	-	-	-
1980	25.3	-	-	-
1981	24.9	-	-	-
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	17.1	179.03	38.5	4.65
1978	17.7	193.29	38.2	5.06
1979	17.5	204.44	38.0	5.38
1980	17.0	218.21	37.3	5.85
1981	16.9	242.32	38.1	6.36
PRESERVED FRUITS AND VEGETABLES — SIC 203				
1977	11.4	-	-	-
1978	11.5	-	-	-
1979	11.5	-	-	-
1980	10.9	-	-	-
1981	10.5	-	-	-
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	1.2	-	-	-
1978	1.2	-	-	-
1979	1.4	-	-	-
1980	1.5	-	-	-
1981	1.4	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
PRINTING AND PUBLISHING — SIC 27				
1977	2.6	-	-	-
1978	2.8	-	-	-
1979	3.0	-	-	-
1980	3.1	-	-	-
1981	3.1	-	-	-
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	2.2	-	-	-
1978	2.3	-	-	-
1979	2.5	-	-	-
1980	2.3	-	-	-
1981	2.3	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	18.0	-	-	-
1978	19.5	-	-	-
1979	20.5	-	-	-
1980	20.1	-	-	-
1981	19.7	-	-	-
RAILROAD TRANSPORTATION — SIC 40				
1977	3.4	-	-	-
1978	3.5	-	-	-
1979	3.6	-	-	-
1980	3.5	-	-	-
1981	3.5	-	-	-
TRANSPORTATION, EXCEPT RAILROADS — SIC 41,42,44–47				
1977	6.9	288.06	-	-
1978	7.6	318.19	-	-
1979	8.2	352.52	-	-
1980	7.9	367.91	-	-
1981	7.7	386.28	-	-
TRUCKING AND WAREHOUSING — SIC 42				
1977	5.1	-	-	-
1978	5.6	-	-	-
1979	6.0	-	-	-
1980	5.7	-	-	-
1981	5.5	-	-	-
COMMUNICATION — SIC 48				
1977	4.6	243.54	39.6	6.15
1978	5.0	269.06	40.4	6.66
1979	5.3	293.86	40.2	7.31
1980	5.2	329.27	40.6	8.11
1981	4.9	370.98	40.5	9.16
ELECTRIC, GAS, AND SANITARY SERVICES — SIC 49				
1977	3.1	258.03	42.3	6.10
1978	3.3	311.32	41.9	7.43
1979	3.4	333.52	41.9	7.96
1980	3.5	379.85	42.3	8.98
1981	3.6	427.14	42.0	10.17
WHOLESALE AND RETAIL TRADE				
1977	76.8	-	-	-
1978	82.1	-	-	-
1979	83.4	-	-	-
1980	80.6	-	-	-
1981	79.8	-	-	-
WHOLESALE AND RETAIL TRADE, EXCEPT EATING AND DRINKING PLACES — SIC 50–57,59				
1977	-	151.95	34.3	4.43
1978	-	167.18	34.4	4.86

See footnotes at end of tables.

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Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
WHOLESALE AND RETAIL TRADE, EXCEPT EATING AND DRINKING PLACES — SIC 50-57,59 (Con.)				
1979	-	178.52	34.2	5.22
1980	-	194.82	34.3	5.68
1981	-	210.33	34.2	6.15
WHOLESALE TRADE — SIC 50,51				
1977	21.0	167.72	36.7	4.57
1978	21.9	190.51	37.8	5.04
1979	23.1	201.85	36.7	5.50
1980	22.3	229.74	38.1	6.03
1981	22.2	247.21	37.8	6.54
WHOLESALE TRADE - DURABLE GOODS — SIC 50				
1977	9.0	-	-	-
1978	9.2	-	-	-
1979	9.8	-	-	-
1980	9.4	-	-	-
1981	9.2	-	-	-
WHOLESALE TRADE - NONDURABLE GOODS — SIC 51				
1977	12.0	-	-	-
1978	12.7	-	-	-
1979	13.4	-	-	-
1980	12.9	-	-	-
1981	13.0	-	-	-
RETAIL TRADE — SIC 52-59				
1977	55.8	-	-	-
1978	60.2	-	-	-
1979	60.3	-	-	-
1980	58.3	-	-	-
1981	57.6	-	-	-
RETAIL TRADE, EXCEPT EATING AND DRINKING PLACES — SIC 52-57,59				
1977	-	143.22	33.0	4.34
1978	-	155.80	32.8	4.75
1979	-	165.64	32.8	5.05
1980	-	175.49	32.2	5.45
1981	-	189.34	32.2	5.88
FINANCE, INSURANCE, AND REAL ESTATE				
1977	16.4	-	-	-
1978	20.8	-	-	-
1979	23.4	-	-	-
1980	23.4	-	-	-
1981	23.2	-	-	-
SERVICES				
1977	52.4	-	-	-
1978	57.1	-	-	-
1979	59.4	-	-	-
1980	60.0	-	-	-
1981	60.0	-	-	-
HOTELS AND OTHER LODGING PLACES — SIC 70				
1977	4.5	-	-	-
1978	5.2	-	-	-
1979	5.4	-	-	-
1980	5.1	-	-	-
1981	5.3	-	-	-
HOSPITALS — SIC 806				
1977	5.3	-	-	-
1978	5.6	-	-	-
1979	5.9	-	-	-
1980	6.1	-	-	-
1981	6.4	-	-	-
HEALTH SERVICES, EXCEPT HOSPITALS — SIC 801-5,7-9				
1977	8.3	-	-	-
1978	8.9	-	-	-
1979	9.2	-	-	-
1980	9.4	-	-	-
1981	9.4	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
GOVERNMENT				
1977	67.3	-	-	-
1978	69.8	-	-	-
1979	69.6	-	-	-
1980	70.5	-	-	-
1981	70.1	-	-	-
FEDERAL GOVERNMENT				
1977	11.9	-	-	-
1978	12.5	-	-	-
1979	12.9	-	-	-
1980	13.0	-	-	-
1981	12.6	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	55.4	-	-	-
1978	57.2	-	-	-
1979	56.7	-	-	-
1980	57.5	-	-	-
1981	57.5	-	-	-
STATE AND LOCAL EDUCATION — SIC 82,941				
1977	28.7	-	-	-
1978	30.5	-	-	-
1979	30.4	-	-	-
1980	31.1	-	-	-
1981	31.8	-	-	-
BOISE CITY				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	70.5	-	-	-
1978	78.9	-	-	-
1979	81.0	-	-	-
1980	79.1	-	-	-
1981	77.0	-	-	-
CONSTRUCTION				
1977	5.5	338.62	36.3	9.33
1978	6.2	337.01	35.4	9.52
1979	6.0	315.55	35.1	8.99
1980	5.8	387.14	36.8	10.52
1981	5.4	460.79	36.6	12.59
MANUFACTURING				
1977	7.6	207.50	39.6	5.24
1978	9.0	233.09	38.4	6.07
1979	9.4	235.84	38.1	6.19
1980	8.6	248.15	36.6	6.78
1981	8.6	283.44	38.2	7.42
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	2.5	224.39	41.4	5.42
1978	2.7	246.77	38.8	6.36
1979	2.9	276.08	40.6	6.81
1980	1.9	241.92	33.6	7.20
1981	1.9	-	-	-
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	1.5	-	-	-
1978	1.6	-	-	-
1979	1.5	-	-	-
1980	1.4	-	-	-
1981	1.4	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	4.3	-	-	-
1978	4.7	-	-	-
1979	5.2	-	-	-
1980	5.2	-	-	-
1981	5.0	-	-	-
TRANSPORTATION — SIC 40-42,44-47				
1977	1.8	-	-	-
1978	2.1	-	-	-
1979	2.4	-	-	-
1980	2.4	-	-	-
1981	2.3	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
BOISE CITY (Con.)				
TRANSPORTATION, EXCEPT RAILROADS — SIC 41,42,44-47				
1977	-	254.70	-	-
1978	-	252.70	-	-
1979	-	288.87	-	-
1980	-	309.43	-	-
1981	-	347.97	-	-
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	2.5	237.17	43.2	5.49
1978	2.6	257.66	42.8	6.02
1979	2.8	284.62	42.8	6.65
1980	2.8	322.95	44.3	7.29
1981	2.6	353.83	43.9	8.06
WHOLESALE AND RETAIL TRADE				
1977	18.9	-	-	-
1978	20.8	-	-	-
1979	21.3	-	-	-
1980	20.6	-	-	-
1981	19.6	-	-	-
WHOLESALE AND RETAIL TRADE, EXCEPT EATING AND DRINKING PLACES — SIC 50-57,59				
1977	-	163.79	35.3	4.64
1978	-	177.41	35.2	5.04
1979	-	188.92	34.6	5.46
1980	-	207.67	34.1	6.09
1981	-	226.38	34.3	6.60
WHOLESALE TRADE — SIC 50,51				
1977	4.9	202.27	39.2	5.16
1978	5.2	220.47	39.3	5.61
1979	5.7	232.20	38.7	6.00
1980	5.3	265.59	39.0	6.81
1981	5.0	289.34	39.1	7.40
RETAIL TRADE — SIC 52-59				
1977	14.0	-	-	-
1978	15.5	-	-	-
1979	15.6	-	-	-
1980	15.3	-	-	-
1981	14.6	-	-	-
RETAIL TRADE, EXCEPT EATING AND DRINKING PLACES — SIC 52-57,59				
1977	-	144.08	33.2	4.34
1978	-	155.71	33.2	4.69
1979	-	166.54	32.4	5.14
1980	-	178.79	31.7	5.64
1981	-	192.71	31.8	6.06
FINANCE, INSURANCE, AND REAL ESTATE				
1977	5.6	-	-	-
1978	8.0	-	-	-
1979	8.4	-	-	-
1980	8.1	-	-	-
1981	8.1	-	-	-
SERVICES AND MINING				
1977	11.9	-	-	-
1978	13.4	-	-	-
1979	14.7	-	-	-
1980	14.6	-	-	-
1981	14.3	-	-	-
HEALTH SERVICES — SIC 80				
1977	3.9	-	-	-
1978	4.0	-	-	-
1979	4.2	-	-	-
1980	4.5	-	-	-
1981	4.7	-	-	-
GOVERNMENT				
1977	16.7	-	-	-
1978	16.5	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
BOISE CITY (Con.)				
GOVERNMENT (Con.)				
1979	16.2	-	-	-
1980	16.2	-	-	-
1981	16.0	-	-	-
FEDERAL GOVERNMENT				
1977	3.9	-	-	-
1978	3.9	-	-	-
1979	3.8	-	-	-
1980	3.8	-	-	-
1981	3.7	-	-	-
STATE GOVERNMENT				
1977	7.2	-	-	-
1978	6.9	-	-	-
1979	6.9	-	-	-
1980	6.9	-	-	-
1981	6.7	-	-	-
LOCAL GOVERNMENT				
1977	5.6	-	-	-
1978	5.5	-	-	-
1979	5.5	-	-	-
1980	5.5	-	-	-
1981	5.7	-	-	-

See footnotes at end of tables.

ILLINOIS

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	4,655.5	-	-	-
1978	4,788.8	-	-	-
1979	4,883.3	-	-	-
1980	4,867.1	-	-	-
1981	4,752.5	-	-	-
MINING				
1977	29.0	369.29	46.5	7.94
1978	26.6	322.26	40.1	8.04
1979	31.1	389.16	42.4	9.18
1980	31.3	421.21	40.9	10.30
1981	26.7	484.45	41.1	11.79
BITUMINOUS COAL AND LIGNITE MINING — SIC 12				
1977	16.5	406.50	46.5	8.74
1978	14.3	320.69	36.8	8.72
1979	18.6	398.02	40.5	9.82
1980	18.3	455.01	39.8	11.42
1981	14.0	544.64	39.6	13.75
OIL AND GAS EXTRACTION — SIC 13				
1977	5.8	281.46	43.4	6.48
1978	5.6	310.67	42.6	7.30
1979	5.7	340.48	41.1	8.29
1980	6.6	381.79	42.1	9.06
1981	7.3	438.79	42.8	10.26
CONSTRUCTION				
1977	175.2	380.90	37.5	10.17
1978	185.8	377.62	36.1	10.47
1979	188.0	415.23	36.2	11.48
1980	188.4	452.60	36.6	12.38
1981	168.9	506.31	36.5	13.86
GENERAL BUILDING CONTRACTORS — SIC 15				
1977	40.2	347.19	36.2	9.60
1978	43.2	354.00	36.1	9.81
1979	43.3	392.80	36.5	10.77
1980	40.2	409.76	35.8	11.45
1981	37.0	445.98	34.6	12.90
HEAVY CONSTRUCTION CONTRACTORS — SIC 16				
1977	29.1	397.66	39.6	10.04
1978	30.3	416.46	36.9	11.27
1979	31.2	459.63	38.4	11.98
1980	34.1	503.95	39.5	12.77
1981	28.9	521.77	37.7	13.83
HIGHWAY AND STREET CONSTRUCTION — SIC 161				
1977	10.8	399.90	41.9	9.55
1978	11.2	426.38	40.9	10.42
1979	10.5	446.74	40.3	11.08
1980	14.2	451.85	36.8	12.29
1981	9.8	507.54	36.3	13.98
HEAVY CONSTRUCTION, EXCEPT HIGHWAY — SIC 162				
1977	18.3	395.74	37.7	10.49
1978	19.1	408.17	33.6	12.14
1979	20.6	468.66	37.0	12.67
1980	19.9	546.51	41.7	13.11
1981	19.1	529.88	38.5	13.76
SPECIAL TRADE CONTRACTORS — SIC 17				
1977	106.0	389.80	37.4	10.41
1978	112.3	374.45	35.8	10.47
1979	113.5	409.44	35.4	11.58
1980	114.1	451.69	35.9	12.58
1981	103.0	522.80	36.8	14.19
STATEWIDE (Con.)				
PLUMBING, HEATING, AIR CONDITIONING — SIC 171				
1977	28.1	418.91	39.0	10.75
1978	29.5	406.91	39.6	10.28
1979	30.6	423.18	36.4	11.62
1980	30.2	502.98	38.7	13.01
1981	28.2	577.79	38.8	14.90
ELECTRICAL WORK — SIC 173				
1977	17.6	374.13	33.8	11.08
1978	18.8	383.40	33.7	11.37
1979	19.8	438.74	36.0	12.18
1980	19.3	492.39	36.6	13.46
1981	18.9	576.53	36.8	15.69
MASONRY, STONEWORK, AND PLASTERING — SIC 174				
1977	14.5	363.08	36.5	9.94
1978	15.8	404.90	38.6	10.49
1979	15.7	444.53	37.7	11.80
1980	15.2	428.74	34.8	12.31
1981	12.6	487.64	37.4	13.04
SPECIAL TRADE CONTRACTORS, EXCEPT PLUMBING, HEATING, AIR CONDITIONING, ELECTRICAL WORK, AND MASONRY, STONEWORK, AND PLASTERING — SIC 172,5-9				
1977	45.8	-	-	-
1978	48.2	-	-	-
1979	47.3	-	-	-
1980	49.4	411.69	34.3	11.99
1981	43.4	472.55	35.4	13.35
MANUFACTURING				
1977	1,241.3	254.91	40.6	6.28
1978	1,276.0	271.42	40.1	6.76
1979	1,271.6	296.66	40.7	7.30
1980	1,208.2	319.20	39.8	8.02
1981	1,134.9	356.28	40.0	8.91
DURABLE GOODS				
1977	822.2	240.70	37.6	6.41
1978	847.2	278.61	40.3	6.91
1979	846.2	306.21	41.0	7.47
1980	804.2	329.11	40.0	8.24
1981	753.0	370.42	40.4	9.18
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	12.0	224.72	42.9	5.25
1978	12.6	222.39	41.2	5.40
1979	12.2	229.08	40.9	5.60
1980	11.3	234.22	39.9	5.87
1981	10.9	243.18	39.3	6.20
MILLWORK, PLYWOOD AND STRUCTURAL MEMBERS — SIC 243				
1977	4.0	-	-	-
1978	4.7	-	-	-
1979	4.3	-	-	-
1980	4.7	256.39	40.8	6.28
1981	4.7	289.12	41.1	7.04
FURNITURE AND FIXTURES — SIC 25				
1977	24.2	204.51	39.7	5.15
1978	24.3	222.42	40.1	5.55
1979	24.3	230.20	39.5	5.83
1980	22.4	240.93	37.5	6.43
1981	19.0	275.07	39.3	6.99
STATEWIDE (Con.)				
HOUSEHOLD FURNITURE — SIC 251				
1977	10.5	207.53	40.4	5.14
1978	10.5	231.81	45.2	5.13
1979	10.4	208.76	41.4	5.05
1980	8.7	214.18	38.9	5.51
1981	7.1	257.34	41.4	6.21
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	35.3	266.67	40.5	6.58
1978	35.5	270.52	38.6	7.02
1979	34.8	304.46	40.9	7.44
1980	32.2	330.68	40.9	8.09
1981	29.8	363.67	40.3	9.02
GLASS AND GLASS PRODUCTS — SIC 321-3				
1977	12.2	254.20	37.9	6.71
1978	12.1	210.13	30.2	6.96
1979	11.7	290.04	38.6	7.52
1980	9.7	340.14	41.4	8.22
1981	9.4	370.71	40.2	9.22
CEMENT, STRUCTURAL CLAY, AND POTTERY PRODUCTS — SIC 324-6				
1977	4.0	255.97	42.2	6.07
1978	4.1	292.84	42.6	6.88
1979	4.0	295.97	42.6	6.94
1980	3.8	293.66	41.5	7.08
1981	3.2	331.99	40.7	8.17
PRIMARY METAL INDUSTRIES — SIC 33				
1977	94.0	301.81	41.9	7.20
1978	98.2	318.70	41.8	7.62
1979	99.4	367.47	41.9	8.77
1980	89.8	400.54	40.4	9.91
1981	81.0	460.51	40.9	11.27
BLAST FURNACE AND BASIC STEEL PRODUCTS — SIC 331				
1977	47.4	335.93	40.1	8.38
1978	49.5	339.64	38.3	8.87
1979	50.0	411.62	41.2	9.99
1980	43.7	454.32	40.4	11.25
1981	39.7	529.68	41.5	12.75
IRON AND STEEL FOUNDRIES — SIC 332				
1977	19.6	264.30	44.0	6.01
1978	20.5	299.70	46.7	6.42
1979	19.8	331.20	43.1	7.68
1980	18.3	361.99	40.3	8.99
1981	15.0	405.36	38.9	10.43
NONFERROUS ROLLING AND DRAWING — SIC 335				
1977	15.1	306.64	43.5	7.06
1978	15.4	319.26	42.4	7.52
1979	16.3	345.15	42.0	8.22
1980	15.8	382.16	41.8	9.15
1981	14.4	423.85	41.8	10.14
PRIMARY METALS, EXCEPT BLAST FURNACES AND BASIC STEEL PRODUCTS, IRON AND STEEL FOUNDRIES, AND NONFERROUS ROLLING AND DRAWING — SIC 333,4,6,9				
1977	11.9	-	-	-
1978	12.8	-	-	-
1979	13.3	-	-	-
1980	12.0	283.48	39.2	7.24
1981	12.0	330.46	40.1	8.24

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
FABRICATED METAL PRODUCTS — SIC 34				
1977	141.9	264.70	41.8	6.33
1978	147.0	284.09	41.7	6.82
1979	146.2	301.75	41.4	7.29
1980	135.4	319.91	40.3	7.95
1981	131.5	348.92	40.1	8.71
METAL CANS AND SHIPPING CONTAINERS — SIC 341				
1977	9.8	320.19	44.3	7.23
1978	10.1	342.50	42.6	8.05
1979	10.4	365.71	44.2	8.27
1980	10.0	414.73	43.9	9.45
1981	9.2	449.79	42.7	10.55
CUTLERY, HAND TOOLS, AND HARDWARE — SIC 342				
1977	19.2	245.18	42.9	5.72
1978	20.4	295.00	46.7	6.32
1979	20.7	290.17	40.7	7.13
1980	19.0	308.09	40.0	7.71
1981	18.3	333.95	39.5	8.45
PLUMBING AND HEATING, EXCEPT ELECTRIC — SIC 343				
1977	6.8	217.09	41.5	5.23
1978	6.8	226.56	41.4	5.47
1979	6.2	251.95	40.6	6.20
1980	6.3	270.06	40.3	6.70
1981	6.4	279.06	38.3	7.29
FABRICATED STRUCTURAL METAL PRODUCTS — SIC 344				
1977	22.0	245.76	39.7	6.18
1978	22.8	265.89	40.4	6.58
1979	23.6	277.43	38.9	7.13
1980	21.8	304.86	39.1	7.79
1981	20.3	319.83	38.2	8.38
SCREW MACHINE PRODUCTS, BOLTS, ETC. — SIC 345				
1977	19.6	266.51	40.4	6.60
1978	20.5	278.71	39.9	6.99
1979	20.5	300.98	41.7	7.21
1980	17.5	313.82	40.3	7.79
1981	18.5	344.66	40.2	8.58
METAL FORGINGS AND STAMPINGS — SIC 346				
1977	30.6	350.34	44.0	7.97
1978	31.4	335.29	41.5	8.09
1979	30.2	364.24	43.7	8.33
1980	28.5	370.80	41.0	9.06
1981	27.6	401.46	40.0	10.03
METAL SERVICES, NEC — SIC 347				
1977	9.9	–	–	–
1978	10.7	–	–	–
1979	10.5	–	–	–
1980	10.0	263.16	40.0	6.57
1981	10.0	291.09	41.1	7.08
MISC. FABRICATED METAL PRODUCTS — SIC 349				
1977	21.2	–	–	–
1978	21.9	–	–	–
1979	21.7	–	–	–
1980	20.0	271.96	38.7	7.02
1981	18.7	318.60	40.8	7.81
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	220.0	278.48	39.8	6.99
1978	228.1	296.19	38.7	7.65
1979	224.9	339.94	41.3	8.24
1980	225.5	369.24	40.2	9.18
1981	218.8	422.13	40.8	10.35
ENGINES AND TURBINES — SIC 351				
1977	19.0	326.70	40.7	8.04
1978	20.9	369.08	40.1	9.21
1979	18.1	397.72	42.4	9.38
1980	16.9	428.89	40.8	10.53
1981	18.3	503.98	42.0	11.99
STATEWIDE (Con.)				
FARM AND GARDEN MACHINERY — SIC 352				
1977	33.8	328.21	43.1	7.61
1978	32.3	310.70	38.4	8.09
1979	33.6	395.27	42.5	9.30
1980	33.0	453.21	43.4	10.45
1981	31.6	497.88	42.0	11.86
CONSTRUCTION AND RELATED MACHINERY — SIC 353				
1977	63.5	293.52	37.5	7.83
1978	65.6	321.01	37.0	8.67
1979	59.2	361.42	39.5	9.16
1980	64.3	377.11	37.9	9.95
1981	63.6	461.57	39.4	11.71
METALWORKING MACHINERY — SIC 354				
1977	35.3	238.22	38.3	6.22
1978	37.6	246.33	35.7	6.89
1979	40.0	302.94	40.9	7.41
1980	39.8	348.44	41.5	8.39
1981	37.0	383.41	41.2	9.30
SPECIAL INDUSTRY MACHINERY — SIC 355				
1977	13.8	–	–	–
1978	13.9	–	–	–
1979	11.9	–	–	–
1980	11.9	347.08	41.1	8.45
1981	11.8	369.79	40.1	9.22
GENERAL INDUSTRIAL MACHINERY — SIC 356				
1977	24.1	–	–	–
1978	25.5	–	–	–
1979	26.8	–	–	–
1980	25.1	354.75	41.1	8.63
1981	24.4	387.00	41.6	9.31
OFFICE AND COMPUTING MACHINES — SIC 357				
1977	8.3	174.50	35.1	4.97
1978	8.4	194.22	38.0	5.11
1979	8.3	234.94	40.5	5.81
1980	7.2	226.20	35.8	6.32
1981	6.5	265.24	40.6	6.54
REFRIGERATION AND SERVICE MACHINERY — SIC 358				
1977	9.0	–	–	–
1978	9.0	–	–	–
1979	10.5	–	–	–
1980	10.9	267.42	36.9	7.25
1981	10.0	306.85	37.7	8.15
MISC. MACHINERY, EXCEPT ELECTRICAL — SIC 359				
1977	13.4	–	–	–
1978	15.1	–	–	–
1979	16.5	–	–	–
1980	16.3	292.59	40.1	7.30
1981	15.7	315.97	41.9	7.55
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	162.2	218.51	40.6	5.38
1978	166.7	235.20	40.1	5.87
1979	168.3	255.02	40.0	6.37
1980	160.8	274.93	39.5	6.97
1981	150.8	308.33	40.0	7.72
ELECTRIC DISTRIBUTING EQUIPMENT — SIC 361				
1977	11.9	221.62	39.6	5.59
1978	12.3	223.52	37.2	6.02
1979	12.7	267.94	39.8	6.73
1980	11.6	288.77	39.5	7.32
1981	11.2	293.32	36.2	8.10
ELECTRICAL INDUSTRIAL APPARATUS — SIC 362				
1977	14.7	181.55	37.6	4.83
1978	15.2	197.22	38.7	5.10
1979	16.2	222.31	38.3	5.80
1980	15.1	233.22	38.7	6.03
1981	14.8	259.07	38.3	6.77
STATEWIDE (Con.)				
HOUSEHOLD APPLIANCES — SIC 363				
1977	20.6	260.96	44.8	5.83
1978	20.5	263.18	42.3	6.22
1979	18.7	259.71	38.5	6.74
1980	16.5	278.10	37.1	7.49
1981	15.0	320.38	38.4	8.35
ELECTRIC LIGHTING AND WIRING EQUIPMENT — SIC 364				
1977	19.8	187.37	40.1	4.68
1978	21.5	219.46	43.2	5.08
1979	20.9	220.42	41.8	5.28
1980	18.6	231.67	39.2	5.90
1981	18.0	260.91	39.4	6.62
RADIO AND TV RECEIVING EQUIPMENT — SIC 365				
1977	20.2	188.65	40.2	4.69
1978	19.4	189.45	36.2	5.23
1979	17.8	230.44	40.5	5.69
1980	17.3	220.75	39.0	5.67
1981	15.3	250.55	39.0	6.43
COMMUNICATION EQUIPMENT — SIC 366				
1977	45.8	279.36	41.4	6.75
1978	47.0	299.48	40.8	7.35
1979	49.1	337.13	41.9	8.05
1980	49.6	367.87	42.3	8.71
1981	45.4	406.92	42.5	9.58
ELECTRONIC COMPONENTS AND ACCESSORIES — SIC 367				
1977	22.7	–	–	–
1978	24.0	–	–	–
1979	25.8	–	–	–
1980	26.3	227.51	38.4	5.93
1981	25.3	267.79	41.0	6.53
MISC. ELECTRICAL EQUIPMENT AND SUPPLIES — SIC 369				
1977	6.6	–	–	–
1978	6.7	–	–	–
1979	6.9	–	–	–
1980	6.0	225.40	36.3	6.21
1981	5.7	283.74	40.6	6.99
TRANSPORTATION EQUIPMENT — SIC 37				
1977	49.7	319.22	42.3	7.55
1978	54.2	356.00	43.8	8.13
1979	58.2	361.88	42.9	8.44
1980	53.1	373.16	41.1	9.08
1981	42.4	417.03	41.0	10.17
MOTOR VEHICLES AND EQUIPMENT — SIC 371				
1977	26.0	331.12	43.6	7.59
1978	28.9	371.90	44.1	8.44
1979	28.9	350.98	42.4	8.28
1980	24.5	343.99	40.0	8.60
1981	20.5	385.23	42.9	8.99
RAILROAD EQUIPMENT — SIC 374				
1977	14.5	345.23	43.5	7.94
1978	16.0	380.37	47.2	8.06
1979	18.6	415.03	45.8	9.07
1980	18.0	437.49	43.2	10.13
1981	13.0	496.26	37.6	13.20
TRANSPORTATION EQUIPMENT, NEC — SIC 3799				
1977	3.4	–	–	–
1978	3.4	–	–	–
1979	3.9	–	–	–
1980	3.5	228.29	35.7	6.39
1981	2.3	275.27	38.8	7.09
INSTRUMENTS AND RELATED PRODUCTS — SIC 38				
1977	47.1	218.28	41.2	5.30
1978	45.9	238.14	40.6	5.86
1979	42.9	255.04	40.6	6.29
1980	40.4	252.99	37.3	6.79
1981	37.3	293.41	38.8	7.57

See footnotes at end of tables.

ILLINOIS

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
MEASURING AND CONTROLLING DEVICES — SIC 382				
1977	21.1	235.29	43.4	5.43
1978	20.9	266.77	44.3	6.02
1979	19.1	285.38	43.5	6.56
1980	18.1	275.15	38.8	7.09
1981	17.6	305.02	39.1	7.80
MISC. MANUFACTURING INDUSTRIES — SIC 39				
1977	35.8	192.60	36.0	5.36
1978	34.7	210.45	36.4	5.79
1979	35.1	219.04	37.6	5.82
1980	33.5	245.58	39.7	6.19
1981	31.4	273.45	41.1	6.65
TOYS AND SPORTING GOODS — SIC 394				
1977	10.7	–	–	–
1978	9.8	–	–	–
1979	10.3	–	–	–
1980	10.0	–	–	–
1981	8.8	–	–	–
NONDURABLE GOODS				
1977	419.1	240.63	39.8	6.04
1978	428.8	255.94	39.8	6.44
1979	425.4	275.45	39.9	6.90
1980	404.0	298.54	39.5	7.56
1981	382.0	328.03	39.3	8.35
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	117.7	239.19	40.1	5.96
1978	117.9	260.27	38.8	6.71
1979	116.6	287.07	39.8	7.21
1980	111.9	321.51	40.8	7.88
1981	105.6	343.35	40.1	8.56
MEAT PRODUCTS — SIC 201				
1977	18.0	285.53	40.9	6.98
1978	17.8	304.07	40.9	7.44
1979	18.5	328.66	39.4	8.34
1980	18.0	360.03	40.9	8.79
1981	16.2	383.04	40.1	9.55
DAIRY PRODUCTS — SIC 202				
1977	9.9	254.58	41.1	6.20
1978	9.3	290.01	41.7	6.96
1979	9.0	274.45	39.6	6.93
1980	8.9	301.20	40.5	7.44
1981	8.6	313.35	40.2	7.79
PRESERVED FRUITS AND VEGETABLES — SIC 203				
1977	10.1	–	–	–
1978	9.9	–	–	–
1979	9.1	–	–	–
1980	10.0	–	–	–
1981	10.4	–	–	–
GRAIN MILL PRODUCTS — SIC 204				
1977	19.6	298.43	45.0	6.63
1978	19.2	355.92	49.5	7.20
1979	19.5	335.22	42.8	7.83
1980	18.5	373.15	42.7	8.74
1981	17.3	344.83	36.8	9.37
BAKERY PRODUCTS — SIC 205				
1977	19.7	238.59	37.4	6.38
1978	20.1	243.20	35.8	6.78
1979	19.9	261.39	36.0	7.25
1980	19.8	297.65	37.4	7.97
1981	17.4	335.43	37.6	8.93
SUGAR AND CONFECTIONERY PRODUCTS — SIC 206				
1977	18.3	197.55	40.7	4.86
1978	18.2	198.91	35.0	5.69
1979	17.5	242.40	39.1	6.19
1980	15.4	290.15	41.1	7.06
1981	16.3	328.72	41.4	7.94

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
FATS AND OILS — SIC 207				
1977	4.6	–	–	–
1978	4.8	–	–	–
1979	4.8	–	–	–
1980	4.7	305.70	39.6	7.74
1981	4.9	346.26	40.3	8.59
BEVERAGES — SIC 208				
1977	9.9	–	–	–
1978	11.5	–	–	–
1979	10.1	–	–	–
1980	9.3	312.32	39.7	7.87
1981	8.4	383.51	40.6	9.44
MISC. FOODS AND KINDRED PRODUCTS — SIC 209				
1977	7.7	–	–	–
1978	7.2	–	–	–
1979	8.1	–	–	–
1980	7.3	304.29	41.1	7.41
1981	6.1	335.44	42.8	7.84
TEXTILE MILL PRODUCTS — SIC 22				
1977	3.2	139.99	34.4	4.07
1978	3.2	157.49	35.3	4.46
1979	2.8	186.42	37.8	4.93
1980	2.9	210.63	40.2	5.25
1981	2.4	222.87	37.5	5.94
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	24.2	135.32	34.1	3.97
1978	23.9	149.13	34.9	4.27
1979	22.6	154.40	36.4	4.24
1980	22.6	164.29	35.8	4.59
1981	20.1	181.10	34.3	5.28
MEN'S AND BOYS' SUITS, COATS, AND FURNISHINGS — SIC 231,2				
1977	6.7	147.37	36.2	4.07
1978	6.5	174.44	38.7	4.51
1979	5.7	150.18	35.7	4.21
1980	5.7	150.55	33.9	4.44
1981	5.6	178.34	32.0	5.57
WOMEN'S, MISSES', AND CHILDREN'S OUTERWEAR AND UNDERGARMENTS — SIC 233,4,6				
1977	7.1	104.47	27.0	3.87
1978	7.0	112.37	27.2	4.13
1979	6.4	136.57	30.8	4.43
1980	6.4	160.22	33.7	4.75
1981	5.8	161.00	31.9	5.05
HATS, CAPS, AND MILLINERY, FUR GOODS AND MISCELLANEOUS FABRICATED TEXTILE PRODUCTS — SIC 235,237,239				
1977	7.5	–	–	–
1978	7.5	–	–	–
1979	7.4	–	–	–
1980	7.3	–	–	–
1981	6.4	–	–	–
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	37.7	221.17	40.8	5.43
1978	39.0	240.84	40.2	5.99
1979	38.4	260.94	41.1	6.35
1980	36.8	270.58	40.8	6.64
1981	34.9	293.52	40.7	7.21
MISC. CONVERTED PAPER PRODUCTS — SIC 264				
1977	13.9	223.99	40.3	5.55
1978	14.5	247.34	40.8	6.06
1979	14.0	253.09	40.7	6.22
1980	13.0	270.47	41.9	6.45
1981	12.8	296.62	41.7	7.12
PAPERBOARD CONTAINERS AND BOXES — SIC 265				
1977	19.1	200.48	40.2	4.99
1978	19.7	212.95	39.0	5.46
1979	19.8	251.62	40.7	6.18
1980	19.5	256.74	39.7	6.47
1981	18.6	279.36	40.2	6.95

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
PRINTING AND PUBLISHING — SIC 27				
1977	100.4	267.08	38.0	6.90
1978	104.6	276.43	38.6	7.15
1979	106.2	291.79	38.0	7.67
1980	103.0	310.58	37.2	8.34
1981	97.1	355.26	37.4	9.50
NEWSPAPERS — SIC 271				
1977	21.9	255.52	31.6	8.09
1978	22.4	249.19	31.0	8.04
1979	22.6	284.10	32.2	8.82
1980	22.3	308.80	34.5	8.95
1981	19.4	322.28	34.9	9.23
PERIODICALS, AND BOOKS — SIC 272,3				
1977	18.0	217.21	37.0	5.88
1978	18.3	263.42	41.1	6.42
1979	18.6	257.76	39.9	6.45
1980	19.5	269.71	38.6	6.98
1981	19.8	276.67	36.8	7.51
COMMERCIAL PRINTING — SIC 275				
1977	40.3	287.23	39.9	7.21
1978	42.6	307.24	41.0	7.50
1979	43.3	318.15	39.6	8.04
1980	41.3	342.17	37.7	9.08
1981	38.1	403.76	38.5	10.48
PRINTING AND PUBLISHING, EXCEPT NEWSPAPERS, PERIODICALS, BOOKS, AND COMMERCIAL PRINTING— SIC 274,6-9				
1977	20.3	–	–	–
1978	21.3	–	–	–
1979	21.7	–	–	–
1980	19.9	–	–	–
1981	19.9	–	–	–
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	65.1	262.24	41.5	6.32
1978	67.3	276.11	41.5	6.66
1979	66.9	300.36	41.5	7.24
1980	63.2	328.76	41.3	7.97
1981	59.7	365.82	41.9	8.74
INDUSTRIAL INORGANIC CHEMICALS — SIC 281				
1977	5.7	–	–	–
1978	5.4	–	–	–
1979	5.6	–	–	–
1980	5.2	407.98	44.5	9.17
1981	4.4	452.94	43.5	10.41
DRUGS — SIC 283				
1977	17.7	262.25	40.7	6.45
1978	19.6	260.74	38.5	6.77
1979	20.3	277.68	38.4	7.23
1980	17.3	325.21	40.6	8.01
1981	15.7	371.21	42.6	8.72
SOAP, CLEANERS, AND TOILET GOODS — SIC 284				
1977	10.2	286.67	42.6	6.73
1978	10.6	316.09	42.4	7.46
1979	9.9	344.39	44.1	7.82
1980	10.3	349.77	42.0	8.32
1981	10.0	373.80	41.0	9.12
PAINTS AND ALLIED PRODUCTS — SIC 285				
1977	8.3	234.72	42.7	5.49
1978	8.6	250.06	43.6	5.73
1979	8.4	264.96	41.8	6.34
1980	7.9	280.75	40.1	7.01
1981	7.8	316.85	41.6	7.61
INDUSTRIAL ORGANIC CHEMICALS — SIC 286				
1977	6.1	–	–	–
1978	6.2	–	–	–
1979	6.3	–	–	–
1980	6.6	328.65	40.4	8.14
1981	6.3	403.47	40.5	9.97

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
PETROLEUM AND COAL PRODUCTS — SIC 29				
1977	16.7	364.29	44.0	8.27
1978	16.3	362.48	41.0	8.84
1979	16.2	423.83	43.3	9.79
1980	13.1	429.83	39.8	10.80
1981	10.6	467.95	40.3	11.63
PETROLEUM REFINING — SIC 291				
1977	12.4	388.95	44.3	8.78
1978	12.5	372.01	38.0	9.78
1979	12.1	458.95	42.2	10.89
1980	9.7	472.53	40.0	11.82
1981	7.6	506.86	40.3	12.57
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS — SIC 30				
1977	46.2	216.37	42.4	5.10
1978	49.1	242.08	44.4	5.45
1979	48.6	242.53	41.8	5.80
1980	43.3	267.51	40.1	6.68
1981	45.2	297.30	39.7	7.50
RUBBER AND RUBBER PRODUCTS — SIC 301-4,6				
1977	12.9	228.40	44.1	5.18
1978	13.3	260.78	46.4	5.62
1979	13.7	260.44	40.8	6.39
1980	12.3	275.68	37.4	7.37
1981	12.2	321.44	38.5	8.35
FABRICATED RUBBER PRODUCTS, NEC — SIC 306				
1977	6.6	-	-	-
1978	6.9	-	-	-
1979	7.2	-	-	-
1980	6.5	268.85	38.3	7.03
1981	6.1	278.56	39.0	7.15
MISCELLANEOUS PLASTICS PRODUCTS — SIC 307				
1977	33.1	-	-	-
1978	35.8	-	-	-
1979	34.9	-	-	-
1980	30.9	264.30	41.1	6.43
1981	33.0	288.40	40.1	7.20
LEATHER AND LEATHER PRODUCTS — SIC 31				
1977	7.7	169.86	36.8	4.61
1978	7.2	180.42	37.1	4.86
1979	6.7	183.12	37.9	4.83
1980	6.8	200.73	38.6	5.20
1981	6.0	205.89	37.1	5.55
FOOTWEAR, EXCEPT RUBBER — SIC 314				
1977	4.3	130.23	35.1	3.71
1978	3.8	142.37	35.1	4.05
1979	3.2	140.77	34.7	4.06
1980	3.4	151.57	36.0	4.22
1981	3.1	156.98	33.9	4.63
TRANSPORTATION AND PUBLIC UTILITIES				
1977	274.7	-	-	-
1978	282.0	-	-	-
1979	288.9	-	-	-
1980	285.7	-	-	-
1981	284.4	-	-	-
RAILROAD TRANSPORTATION — SIC 40				
1977	46.8	-	-	-
1978	46.1	-	-	-
1979	45.8	-	-	-
1980	43.7	-	-	-
1981	40.8	-	-	-
LOCAL AND INTERURBAN PASSENGER TRANSIT — SIC 41				
1977	14.5	273.27	-	-
1978	14.5	277.61	-	-
1979	15.7	257.53	-	-
1980	15.3	260.32	-	-
1981	14.7	246.05	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
TRUCKING AND WAREHOUSING — SIC 42				
1977	74.7	355.29	-	-
1978	77.4	401.19	-	-
1979	77.8	437.62	-	-
1980	74.8	463.47	-	-
1981	71.5	500.35	-	-
TRANSPORTATION BY AIR — SIC 45				
1977	26.3	-	-	-
1978	27.7	-	-	-
1979	28.9	-	-	-
1980	28.5	-	-	-
1981	28.5	-	-	-
COMMUNICATION AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	97.0	-	-	-
1978	99.7	-	-	-
1979	102.9	-	-	-
1980	106.1	-	-	-
1981	110.4	-	-	-
COMMUNICATION — SIC 48				
1977	58.2	310.29	42.0	7.39
1978	60.5	342.01	42.5	8.05
1979	62.4	347.96	41.1	8.46
1980	64.5	341.21	39.6	8.62
1981	67.6	372.97	39.3	9.49
ELECTRIC, GAS, AND SANITARY SERVICES — SIC 49				
1977	38.8	325.58	41.0	7.94
1978	39.3	340.67	40.3	8.45
1979	40.5	357.94	40.7	8.80
1980	41.6	384.09	40.6	9.45
1981	42.9	428.21	40.6	10.56
ELECTRIC SERVICES — SIC 491				
1977	17.7	357.70	43.0	8.31
1978	18.3	388.21	41.5	9.35
1979	19.4	395.93	40.3	9.82
1980	19.8	397.69	40.2	9.88
1981	19.9	433.16	39.8	10.88
GAS PRODUCTION AND DISTRIBUTION — SIC 492				
1977	8.6	313.95	39.5	7.94
1978	9.0	315.05	38.1	8.28
1979	8.9	369.11	41.9	8.81
1980	9.0	414.35	41.9	9.88
1981	8.9	457.47	41.6	10.99
ELECTRIC, GAS, AND SANITARY SERVICES, EXCEPT ELECTRIC SERVICES, AND GAS PRODUCTION AND DISTRIBUTION — SIC 493-7				
1977	12.5	-	-	-
1978	11.9	-	-	-
1979	12.2	-	-	-
1980	12.8	340.52	40.4	8.44
1981	14.1	401.89	40.9	9.82
WHOLESALE AND RETAIL TRADE				
1977	1,089.1	-	-	-
1978	1,121.9	-	-	-
1979	1,141.7	-	-	-
1980	1,130.7	225.14	-	-
1981	1,096.6	240.31	-	-
WHOLESALE TRADE — SIC 50,51				
1977	320.5	254.11	-	-
1978	331.7	261.83	-	-
1979	348.4	286.02	-	-
1980	343.3	306.41	-	-
1981	336.0	339.52	-	-
RETAIL TRADE — SIC 52-59				
1977	768.6	-	-	-
1978	790.2	-	-	-
1979	793.3	-	-	-
1980	787.4	178.70	-	-
1981	760.6	182.86	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
GENERAL MERCHANDISE STORES — SIC 53				
1977	141.6	130.06	-	-
1978	144.3	139.65	-	-
1979	144.7	158.90	-	-
1980	141.3	164.08	-	-
1981	130.9	167.98	-	-
DEPARTMENT STORES — SIC 531				
1977	114.9	141.35	30.3	4.66
1978	114.5	152.99	31.7	4.83
1979	112.0	172.21	32.2	5.35
1980	107.9	178.50	29.9	5.97
1981	98.9	181.54	29.5	6.16
VARIETY STORES — SIC 533				
1977	20.9	-	-	-
1978	23.6	-	-	-
1979	25.1	-	-	-
1980	25.4	120.19	-	-
1981	24.5	128.08	-	-
FOOD STORES — SIC 54				
1977	104.7	175.58	-	-
1978	108.3	174.64	-	-
1979	109.8	189.37	-	-
1980	114.1	190.22	-	-
1981	111.1	192.37	-	-
GROCERY STORES — SIC 541				
1977	90.6	183.04	28.7	6.37
1978	93.9	181.34	27.6	6.57
1979	95.6	195.97	29.1	6.74
1980	98.2	196.60	29.0	6.78
1981	95.8	193.58	29.9	6.49
AUTOMOTIVE DEALERS AND SERVICE STATIONS — SIC 55				
1977	86.4	205.92	-	-
1978	88.4	221.46	-	-
1979	87.9	239.93	-	-
1980	78.7	227.60	-	-
1981	69.3	243.27	-	-
NEW AND USED CAR DEALERS — SIC 551				
1977	41.4	241.43	-	-
1978	43.4	272.42	-	-
1979	43.8	282.46	-	-
1980	36.3	241.93	-	-
1981	30.2	263.75	-	-
APPAREL AND ACCESSORY STORES — SIC 56				
1977	51.1	123.01	-	-
1978	53.4	139.17	-	-
1979	54.8	118.93	-	-
1980	54.7	111.08	-	-
1981	52.1	115.33	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	266.5	-	-	-
1978	280.9	-	-	-
1979	295.2	-	-	-
1980	314.3	-	-	-
1981	316.7	-	-	-
BANKING — SIC 60				
1977	77.8	171.77	-	-
1978	83.4	182.58	-	-
1979	88.3	192.46	-	-
1980	93.6	176.22	-	-
1981	95.9	192.64	-	-
CREDIT AGENCIES OTHER THAN BANKS — SIC 61				
1977	28.1	148.93	-	-
1978	31.3	161.01	-	-
1979	34.2	174.08	-	-
1980	36.8	186.75	-	-
1981	37.4	199.67	-	-

See footnotes at end of tables.

ILLINOIS

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Production or nonsupervisory workers: Average weekly hours	Production or nonsupervisory workers: Average hourly earnings (dollars)
STATEWIDE (Con.)				
SECURITY, COMMODITY BROKERS AND SERVICES — SIC 62				
1977	14.2	256.44	-	-
1978	14.7	308.68	-	-
1979	15.7	321.58	-	-
1980	18.0	310.87	-	-
1981	21.7	304.67	-	-
INSURANCE CARRIERS — SIC 63				
1977	75.4	176.55	-	-
1978	78.3	184.58	-	-
1979	81.2	201.61	-	-
1980	81.6	216.41	-	-
1981	75.1	237.50	-	-
LIFE INSURANCE — SIC 631				
1977	23.8	177.36	-	-
1978	24.3	177.52	-	-
1979	24.8	195.00	-	-
1980	25.6	212.89	-	-
1981	25.3	242.97	-	-
FIRE, MARINE, AND CASUALTY INSURANCE — SIC 633				
1977	36.5	173.21	-	-
1978	38.0	186.83	-	-
1979	39.9	206.91	-	-
1980	39.2	211.00	-	-
1981	33.6	234.77	-	-
INSURANCE EXC. LIFE AND FIRE, MARINE AND CASUALTY — SIC 632,5-7,9				
1977	15.0	-	-	-
1978	16.0	-	-	-
1979	16.4	-	-	-
1980	16.9	230.43	-	-
1981	16.2	235.09	-	-
SERVICES				
1977	861.8	-	-	-
1978	887.7	-	-	-
1979	923.7	-	-	-
1980	942.3	-	-	-
1981	957.2	-	-	-
HOTELS AND OTHER LODGING PLACES — SIC 70				
1977	39.4	114.02	-	-
1978	71.2	106.17	-	-
1979	40.4	129.92	-	-
1980	40.1	133.55	-	-
1981	38.8	131.20	-	-
HOTELS AND OTHER LODGING PLACES, PERSONAL, BUSINESS, AND REPAIR SERVICES, AND AMUSEMENTS — SIC 70,72,73,75, 76,78,79				
1977	297.6	-	-	-
1978	310.0	-	-	-
1979	319.3	-	-	-
1980	323.0	-	-	-
1981	328.9	-	-	-
PERSONAL SERVICES — SIC 72				
1977	44.2	-	-	-
1978	42.7	-	-	-
1979	43.5	-	-	-
1980	45.9	-	-	-
1981	45.6	-	-	-
LAUNDRIES, CLEANING, AND GARMENT SERVICES — SIC 721				
1977	24.6	138.71	-	-
1978	20.9	148.60	-	-
1979	21.0	167.48	36.4	4.60
1980	20.2	164.58	35.7	4.61
1981	19.3	178.55	35.1	5.08
STATEWIDE (Con.)				
BUSINESS SERVICES — SIC 73				
1977	135.8	-	-	-
1978	146.9	-	-	-
1979	154.4	-	-	-
1980	158.0	-	-	-
1981	163.3	-	-	-
ADVERTISING — SIC 731				
1977	12.7	-	-	-
1978	13.7	-	-	-
1979	13.3	-	-	-
1980	12.9	-	-	-
1981	12.7	-	-	-
AUTO REPAIR, SERVICES, AND GARAGES — SIC 75				
1977	22.5	-	-	-
1978	24.2	-	-	-
1979	25.8	-	-	-
1980	25.0	-	-	-
1981	25.6	-	-	-
MISCELLANEOUS REPAIR SERVICES — SIC 76				
1977	12.0	-	-	-
1978	12.0	-	-	-
1979	12.8	-	-	-
1980	12.3	-	-	-
1981	12.6	-	-	-
MOTION PICTURES — SIC 78				
1977	10.1	-	-	-
1978	9.9	-	-	-
1979	8.9	-	-	-
1980	10.0	-	-	-
1981	9.1	-	-	-
AMUSEMENT AND RECREATION SERVICES — SIC 79				
1977	30.5	-	-	-
1978	33.8	-	-	-
1979	33.4	-	-	-
1980	31.7	-	-	-
1981	34.0	-	-	-
HEALTH SERVICES — SIC 80				
1977	278.4	-	-	-
1978	289.2	-	-	-
1979	295.8	-	-	-
1980	299.9	-	-	-
1981	298.9	-	-	-
HOSPITALS — SIC 806				
1977	174.8	-	-	-
1978	185.7	-	-	-
1979	188.0	-	-	-
1980	186.6	-	-	-
1981	184.1	-	-	-
HEALTH SERVICES, EXCEPT HOSPITALS — SIC 801-5,7-9				
1977	103.4	-	-	-
1978	103.5	-	-	-
1979	107.9	-	-	-
1980	113.3	-	-	-
1981	114.8	-	-	-
LEGAL, EDUCATIONAL, AND SOCIAL SERVICES, MUSEUMS, MEMBERSHIP ORGANIZATIONS, AND MISCELLANEOUS SERVICES — SIC 81-84,86,89				
1977	285.8	-	-	-
1978	288.6	-	-	-
1979	308.6	-	-	-
1980	319.4	-	-	-
1981	329.4	-	-	-
GOVERNMENT				
1977	717.8	-	-	-
1978	728.0	-	-	-
1979	743.2	-	-	-
1980	766.3	-	-	-
1981	767.2	-	-	-
STATEWIDE (Con.)				
FEDERAL GOVERNMENT				
1977	103.0	-	-	-
1978	104.3	-	-	-
1979	104.2	-	-	-
1980	108.3	-	-	-
1981	103.6	-	-	-
U. S. POSTAL SERVICE — SIC 43				
1977	42.1	-	-	-
1978	41.8	-	-	-
1979	42.1	-	-	-
1980	42.0	-	-	-
1981	40.9	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	614.8	-	-	-
1978	623.7	-	-	-
1979	639.0	-	-	-
1980	658.0	-	-	-
1981	663.6	-	-	-
STATE GOVERNMENT				
1977	141.0	-	-	-
1978	142.8	-	-	-
1979	144.1	-	-	-
1980	148.4	-	-	-
1981	149.9	-	-	-
STATE EDUCATION — SIC 82,941				
1977	64.4	-	-	-
1978	65.8	-	-	-
1979	67.0	-	-	-
1980	69.4	-	-	-
1981	69.9	-	-	-
LOCAL GOVERNMENT				
1977	473.8	-	-	-
1978	480.9	-	-	-
1979	494.9	-	-	-
1980	509.6	-	-	-
1981	513.8	-	-	-
LOCAL EDUCATION — SIC 82,941				
1977	252.4	-	-	-
1978	258.6	-	-	-
1979	258.4	-	-	-
1980	259.0	-	-	-
1981	255.8	-	-	-
BLOOMINGTON-NORMAL				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	46.1	-	-	-
1978	48.2	-	-	-
1979	50.5	-	-	-
1980	50.2	-	-	-
1981	50.6	-	-	-
CONSTRUCTION AND MINING				
1977	1.6	-	-	-
1978	1.6	-	-	-
1979	1.6	-	-	-
1980	1.8	-	-	-
1981	1.7	-	-	-
MANUFACTURING				
1977	6.9	192.02	37.7	5.10
1978	7.2	234.46	39.7	5.90
1979	7.8	272.46	41.8	6.52
1980	7.0	287.92	40.3	7.15
1981	6.9	320.33	39.1	8.20
DURABLE GOODS				
1977	4.3	188.91	37.5	5.04
1978	4.5	233.95	39.6	5.90
1979	4.9	276.21	42.4	6.52
1980	4.8	288.91	40.4	7.15
1981	4.9	317.07	39.1	8.10

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
BLOOMINGTON-NORMAL (Con.)				
NONDURABLE GOODS				
1977	2.6	209.29	38.7	5.40
1978	2.6	236.85	40.2	5.88
1979	2.9	250.05	38.6	6.48
1980	2.2	283.61	39.8	7.13
1981	2.1	332.25	38.9	8.55
TRANSPORTATION AND PUBLIC UTILITIES				
1977	2.9	-	-	-
1978	2.9	-	-	-
1979	3.1	-	-	-
1980	3.1	-	-	-
1981	3.1	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	10.3	-	-	-
1978	11.1	-	-	-
1979	11.4	-	-	-
1980	12.3	-	-	-
1981	12.2	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	2.1	-	-	-
1978	2.1	-	-	-
1979	2.4	-	-	-
1980	3.3	-	-	-
1981	3.2	-	-	-
RETAIL TRADE — SIC 52-59				
1977	8.2	-	-	-
1978	9.0	-	-	-
1979	9.0	-	-	-
1980	9.1	-	-	-
1981	9.0	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	7.1	-	-	-
1978	7.5	-	-	-
1979	7.9	-	-	-
1980	7.7	-	-	-
1981	7.7	-	-	-
SERVICES				
1977	7.1	-	-	-
1978	7.5	-	-	-
1979	8.3	-	-	-
1980	8.4	-	-	-
1981	8.3	-	-	-
GOVERNMENT				
1977	10.2	-	-	-
1978	10.3	-	-	-
1979	10.4	-	-	-
1980	10.0	-	-	-
1981	10.6	-	-	-
CHAMPAIGN-URBANA-RANTOUL				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	67.8	-	-	-
1978	69.0	-	-	-
1979	72.1	-	-	-
1980	76.6	-	-	-
1981	75.3	-	-	-
CONSTRUCTION AND MINING				
1977	2.4	-	-	-
1978	2.4	-	-	-
1979	2.3	-	-	-
1980	1.7	-	-	-
1981	1.6	-	-	-
MANUFACTURING				
1977	7.2	240.12	39.7	6.05
1978	7.3	253.67	38.8	6.54
1979	7.8	264.19	39.0	6.77
1980	7.8	243.33	33.9	7.18
1981	7.7	314.40	39.0	8.07

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
CHAMPAIGN-URBANA-RANTOUL (Con.)				
DURABLE GOODS				
1977	2.4	260.12	38.3	6.78
1978	2.4	277.46	40.4	6.87
1979	2.6	293.91	41.9	7.01
1980	2.6	231.23	29.7	7.79
1981	2.7	325.40	38.9	8.37
NONDURABLE GOODS				
1977	4.8	235.20	40.0	5.87
1978	4.9	247.85	38.4	6.46
1979	5.1	256.17	38.2	6.70
1980	5.2	248.00	35.5	6.98
1981	5.0	310.67	39.0	7.97
TRANSPORTATION AND PUBLIC UTILITIES				
1977	2.4	-	-	-
1978	2.5	-	-	-
1979	2.5	-	-	-
1980	2.7	-	-	-
1981	2.6	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	15.7	-	-	-
1978	16.5	-	-	-
1979	17.8	-	-	-
1980	19.6	-	-	-
1981	19.3	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	2.7	-	-	-
1978	2.9	-	-	-
1979	3.1	-	-	-
1980	3.2	-	-	-
1981	3.1	-	-	-
RETAIL TRADE — SIC 52-59				
1977	13.0	-	-	-
1978	13.7	-	-	-
1979	14.7	-	-	-
1980	16.5	-	-	-
1981	16.1	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	2.1	-	-	-
1978	2.2	-	-	-
1979	2.4	-	-	-
1980	2.6	-	-	-
1981	2.5	-	-	-
SERVICES				
1977	9.3	-	-	-
1978	9.7	-	-	-
1979	10.2	-	-	-
1980	11.7	-	-	-
1981	11.5	-	-	-
GOVERNMENT				
1977	28.6	-	-	-
1978	28.5	-	-	-
1979	29.1	-	-	-
1980	30.6	-	-	-
1981	30.1	-	-	-
CHICAGO SMSA[2]				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	3,055.5	-	-	-
1978	3,139.4	-	-	-
1979	3,218.4	-	-	-
1980	3,245.7	-	-	-
1981	3,229.4	-	-	-
MINING				
1977	5.0	-	-	-
1978	5.1	-	-	-
1979	5.0	-	-	-
1980	4.7	-	-	-
1981	4.0	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
CHICAGO SMSA[2] (Con.)				
CONSTRUCTION				
1977	109.2	-	-	-
1978	116.8	-	-	-
1979	120.5	-	-	-
1980	123.3	-	-	-
1981	100.4	-	-	-
GENERAL BUILDING CONTRACTORS — SIC 15				
1977	21.4	-	-	-
1978	24.5	-	-	-
1979	25.9	-	-	-
1980	24.6	-	-	-
1981	19.0	-	-	-
HEAVY CONSTRUCTION CONTRACTORS — SIC 16				
1977	16.0	-	-	-
1978	15.7	-	-	-
1979	18.4	-	-	-
1980	19.1	-	-	-
1981	14.5	-	-	-
HIGHWAY AND STREET CONSTRUCTION — SIC 161				
1977	4.7	-	-	-
1978	4.8	-	-	-
1979	5.5	-	-	-
1980	5.3	-	-	-
1981	3.3	-	-	-
HEAVY CONSTRUCTION, EXCEPT HIGHWAY — SIC 162				
1977	11.3	-	-	-
1978	10.9	-	-	-
1979	12.9	-	-	-
1980	13.8	-	-	-
1981	11.2	-	-	-
SPECIAL TRADE CONTRACTORS — SIC 17				
1977	71.8	-	-	-
1978	76.6	-	-	-
1979	76.2	-	-	-
1980	79.6	-	-	-
1981	66.9	-	-	-
PLUMBING, HEATING, AIR CONDITIONING — SIC 171				
1977	17.3	-	-	-
1978	18.9	-	-	-
1979	19.1	-	-	-
1980	18.9	-	-	-
1981	18.0	-	-	-
ELECTRICAL WORK — SIC 173				
1977	11.8	-	-	-
1978	12.5	-	-	-
1979	13.0	-	-	-
1980	13.7	-	-	-
1981	12.7	-	-	-
MANUFACTURING				
1977	811.8	258.92	41.5	6.24
1978	838.9	268.97	40.9	6.58
1979	852.3	283.08	40.2	7.03
1980	812.2	299.39	39.6	7.57
1981	773.0	325.15	39.5	8.24
DURABLE GOODS				
1977	515.3	264.24	41.8	6.32
1978	537.6	272.72	40.9	6.66
1979	548.5	288.86	40.3	7.17
1980	520.7	305.16	39.6	7.71
1981	495.7	336.08	39.8	8.44
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	7.4	212.42	37.5	5.66
1978	7.7	215.24	35.4	6.08
1979	7.7	200.27	31.5	6.36
1980	7.1	205.31	33.3	6.16
1981	6.3	220.56	36.5	6.05

See footnotes at end of tables.

ILLINOIS

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
CHICAGO SMSA[2] (Con.)				
FURNITURE AND FIXTURES — SIC 25				
1977	17.9	222.10	42.5	5.22
1978	18.2	239.96	42.2	5.69
1979	17.7	255.82	40.8	6.27
1980	16.9	242.14	38.4	6.31
1981	15.2	249.28	38.1	6.55
HOUSEHOLD FURNITURE — SIC 251				
1977	7.7	211.46	42.6	4.96
1978	7.8	216.00	40.7	5.30
1979	7.5	219.66	38.7	5.68
1980	7.2	228.98	40.3	5.68
1981	6.2	262.31	43.6	6.02
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	17.7	245.10	39.4	6.22
1978	17.6	261.13	39.4	6.63
1979	17.8	278.32	39.8	6.99
1980	17.7	303.71	40.9	7.43
1981	16.7	326.93	39.3	8.32
CEMENT, STRUCTURAL CLAY, AND POTTERY PRODUCTS — SIC 324–6				
1977	1.3	188.34	36.9	5.11
1978	1.4	227.75	41.6	5.47
1979	1.2	230.51	40.8	5.65
1980	1.0	266.82	42.9	6.22
1981	.6	263.20	39.8	6.62
PRIMARY METAL INDUSTRIES — SIC 33				
1977	50.8	309.38	41.8	7.39
1978	57.0	311.22	40.2	7.73
1979	58.0	324.10	39.9	8.12
1980	53.8	344.06	39.5	8.72
1981	48.4	384.86	40.3	9.56
BLAST FURNACE AND BASIC STEEL PRODUCTS — SIC 331				
1977	28.9	328.46	40.5	8.10
1978	31.4	308.33	36.1	8.54
1979	33.9	319.75	35.2	9.10
1980	31.2	347.58	36.6	9.50
1981	26.9	400.49	38.7	10.34
IRON AND STEEL FOUNDRIES — SIC 332				
1977	6.4	258.20	40.4	6.39
1978	8.6	300.64	44.2	6.80
1979	6.6	333.58	45.0	7.42
1980	5.9	342.56	42.4	8.09
1981	5.2	340.43	39.8	8.55
NONFERROUS ROLLING AND DRAWING — SIC 335				
1977	6.9	321.09	44.9	7.15
1978	7.6	343.29	46.5	7.38
1979	7.4	360.95	46.4	7.78
1980	7.4	389.02	46.5	8.38
1981	6.6	458.25	46.5	9.86
PRIMARY METALS, EXCEPT BLAST FURNACES AND BASIC STEEL PRODUCTS, IRON AND STEEL FOUNDRIES, AND NONFERROUS ROLLING AND DRAWING — SIC 333,4,6,9				
1977	8.6	–	–	–
1978	9.3	–	–	–
1979	10.1	–	–	–
1980	9.3	300.49	42.2	7.12
1981	9.7	319.14	40.9	7.80
FABRICATED METAL PRODUCTS — SIC 34				
1977	96.0	291.24	43.3	6.73
1978	100.8	287.37	40.7	7.05
1979	105.9	293.84	38.5	7.63
1980	101.5	324.66	39.7	8.18
1981	98.1	352.00	39.7	8.87
METAL CANS AND SHIPPING CONTAINERS — SIC 341				
1977	8.4	354.98	45.0	7.89
1978	8.0	402.97	46.5	8.67
1979	8.1	367.98	41.6	8.84
1980	7.8	372.37	39.0	9.55
1981	7.8	417.04	38.7	10.77
CHICAGO SMSA[2] (Con.)				
CUTLERY, HAND TOOLS, AND HARDWARE — SIC 342				
1977	8.3	262.74	41.7	6.30
1978	9.0	275.08	39.8	6.91
1979	10.6	307.16	40.0	7.69
1980	9.9	331.69	41.0	8.08
1981	9.3	342.83	41.4	8.28
PLUMBING AND HEATING, EXCEPT ELECTRIC — SIC 343				
1977	3.1	247.95	41.3	6.01
1978	3.2	263.41	42.5	6.20
1979	3.3	290.35	41.3	7.03
1980	3.4	308.91	40.2	7.69
1981	3.6	299.69	36.1	8.30
FABRICATED STRUCTURAL METAL PRODUCTS — SIC 344				
1977	13.7	277.78	44.8	6.20
1978	14.4	293.80	42.7	6.89
1979	15.0	299.66	40.2	7.46
1980	15.8	322.77	40.2	8.04
1981	15.0	336.94	38.5	8.75
SCREW MACHINE PRODUCTS, BOLTS, ETC. — SIC 345				
1977	13.5	275.63	43.0	6.42
1978	14.0	276.92	41.0	6.76
1979	14.5	291.20	40.5	7.19
1980	12.3	317.84	39.9	7.96
1981	13.0	361.53	40.2	8.99
METAL FORGINGS AND STAMPINGS — SIC 346				
1977	23.0	335.30	43.9	7.64
1978	25.5	311.78	41.2	7.56
1979	27.3	311.78	37.7	8.28
1980	26.8	344.01	38.3	8.99
1981	24.5	387.27	38.9	9.96
METAL SERVICES, NEC — SIC 347				
1977	8.5	–	–	–
1978	8.9	–	–	–
1979	8.6	241.02	35.3	6.83
1980	8.4	274.94	40.7	6.76
1981	8.6	287.81	40.5	7.11
MISC. FABRICATED METAL PRODUCTS — SIC 349				
1977	17.4	–	–	–
1978	17.9	–	–	–
1979	18.4	–	–	–
1980	17.1	296.07	40.4	7.32
1981	16.4	315.71	41.5	7.61
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	108.9	267.31	40.2	6.64
1978	115.5	281.16	39.9	7.06
1979	116.7	302.51	39.5	7.65
1980	107.4	319.29	37.8	8.44
1981	106.8	360.50	39.4	9.15
ENGINES AND TURBINES — SIC 351				
1977	8.0	340.20	43.0	7.91
1978	10.5	353.50	43.8	8.07
1979	9.0	403.49	43.4	9.29
1980	5.9	399.53	39.1	10.23
1981	7.8	389.75	35.8	10.89
FARM AND GARDEN MACHINERY — SIC 352				
1977	8.4	324.34	39.7	8.16
1978	8.1	345.87	41.7	8.30
1979	7.9	387.16	43.9	8.81
1980	6.5	347.38	34.9	9.97
1981	8.0	390.30	37.8	10.33
CONSTRUCTION AND RELATED MACHINERY — SIC 353				
1977	17.5	299.17	39.3	7.61
1978	18.4	306.73	37.5	8.17
1979	18.6	337.47	38.7	8.71
1980	16.8	353.91	37.1	9.54
1981	16.5	407.13	39.6	10.28
CHICAGO SMSA[2] (Con.)				
METALWORKING MACHINERY — SIC 354				
1977	26.5	240.52	39.6	6.08
1978	27.8	251.57	37.5	6.72
1979	28.5	278.92	38.7	7.21
1980	26.9	315.21	38.7	8.15
1981	26.4	365.94	40.0	9.14
SPECIAL INDUSTRY MACHINERY — SIC 355				
1977	9.8	–	–	–
1978	9.7	–	–	–
1979	9.7	269.28	38.1	7.07
1980	9.6	286.17	36.9	7.75
1981	8.7	327.61	38.1	8.59
OFFICE AND COMPUTING MACHINES — SIC 357				
1977	7.8	227.20	40.9	5.56
1978	7.7	247.55	44.1	5.61
1979	7.3	263.32	45.3	5.82
1980	6.6	246.28	40.5	6.08
1981	6.1	268.15	42.0	6.39
REFRIGERATION AND SERVICE MACHINERY — SIC 358				
1977	7.0	–	–	–
1978	7.5	–	–	–
1979	8.3	281.88	38.2	7.39
1980	8.1	304.11	38.5	7.90
1981	7.7	342.27	39.6	8.65
MISC. MACHINERY, EXCEPT ELECTRICAL — SIC 359				
1977	10.1	–	–	–
1978	10.8	–	–	–
1979	12.1	–	–	–
1980	12.0	308.89	37.0	8.34
1981	11.5	323.56	39.4	8.21
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	121.8	221.40	41.9	5.28
1978	124.8	236.48	42.1	5.62
1979	128.0	256.87	42.6	6.03
1980	126.1	269.79	41.2	6.55
1981	120.1	291.98	40.1	7.27
ELECTRIC DISTRIBUTING EQUIPMENT — SIC 361				
1977	8.6	205.91	38.8	5.31
1978	9.2	223.13	38.8	5.76
1979	9.3	255.75	41.1	6.22
1980	9.3	246.44	36.2	6.80
1981	9.1	286.28	36.1	7.94
ELECTRICAL INDUSTRIAL APPARATUS — SIC 362				
1977	9.9	166.21	37.4	4.44
1978	10.3	182.97	39.0	4.69
1979	11.3	203.63	38.8	5.24
1980	11.1	223.76	39.6	5.65
1981	10.1	231.87	37.9	6.12
HOUSEHOLD APPLIANCES — SIC 363				
1977	9.3	240.57	39.3	6.13
1978	9.2	227.77	34.0	6.71
1979	9.8	250.17	34.1	7.34
1980	9.1	246.72	34.3	7.19
1981	7.7	299.55	36.4	8.23
ELECTRIC LIGHTING AND WIRING EQUIPMENT — SIC 364				
1977	14.4	187.26	41.3	4.54
1978	16.1	185.26	39.9	4.64
1979	17.0	184.31	38.0	4.85
1980	16.1	227.51	39.7	5.74
1981	16.0	236.51	37.2	6.35
RADIO AND TV RECEIVING EQUIPMENT — SIC 365				
1977	18.6	190.40	40.2	4.73
1978	18.2	199.87	38.3	5.22
1979	18.1	234.96	39.9	5.89
1980	16.6	238.54	39.9	5.98
1981	15.9	262.53	39.9	6.58

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
CHICAGO SMSA[2] (Con.)				
COMMUNICATION EQUIPMENT — SIC 366				
1977	41.9	301.79	45.3	6.67
1978	41.9	312.93	45.5	6.87
1979	41.8	352.18	47.4	7.44
1980	42.6	358.27	45.0	7.97
1981	39.5	375.32	43.3	8.67
ELECTRONIC COMPONENTS AND ACCESSORIES — SIC 367				
1977	14.5	-	-	-
1978	15.5	-	-	-
1979	16.1	207.55	47.1	4.40
1980	16.7	233.31	44.0	5.30
1981	17.5	267.14	43.2	6.18
MISC. ELECTRICAL EQUIPMENT AND SUPPLIES — SIC 369				
1977	4.8	-	-	-
1978	4.5	-	-	-
1979	4.7	-	-	-
1980	4.4	212.86	40.1	5.31
1981	4.1	226.45	36.2	6.25
TRANSPORTATION EQUIPMENT — SIC 37				
1977	29.6	377.14	46.6	8.09
1978	32.2	373.75	43.3	8.63
1979	33.3	409.80	43.7	9.38
1980	29.2	399.02	41.2	9.69
1981	28.8	421.99	40.3	10.47
MOTOR VEHICLES AND EQUIPMENT — SIC 371				
1977	12.4	409.41	49.7	8.24
1978	14.0	342.33	39.4	8.69
1979	12.6	355.22	37.2	9.55
1980	7.6	439.65	43.8	10.04
1981	9.8	449.30	45.1	9.96
RAILROAD EQUIPMENT — SIC 374				
1977	14.0	369.31	45.2	8.17
1978	14.7	435.70	49.9	8.73
1979	17.1	467.57	49.4	9.46
1980	18.4	393.94	40.5	9.73
1981	16.6	419.65	37.2	11.29
INSTRUMENTS AND RELATED PRODUCTS — SIC 38				
1977	37.0	215.33	39.8	5.42
1978	36.0	232.36	40.4	5.75
1979	35.2	250.18	40.3	6.21
1980	33.8	253.64	38.0	6.67
1981	29.3	289.17	39.9	7.24
MEASURING AND CONTROLLING DEVICES — SIC 382				
1977	14.3	213.93	40.4	5.29
1978	14.1	246.82	43.4	5.68
1979	14.0	256.29	43.8	5.85
1980	13.1	275.61	41.9	6.58
1981	11.0	314.55	43.1	7.29
MISC. MANUFACTURING INDUSTRIES — SIC 39				
1977	28.2	199.63	40.3	4.96
1978	27.8	214.58	41.9	5.12
1979	28.2	222.75	40.4	5.51
1980	27.3	255.23	41.4	6.16
1981	26.0	278.87	41.4	6.73
TOYS AND SPORTING GOODS — SIC 394				
1977	7.5	-	-	-
1978	6.9	-	-	-
1979	6.9	-	-	-
1980	6.7	202.75	41.2	4.92
1981	5.9	241.07	42.6	5.66
NONDURABLE GOODS				
1977	296.5	248.43	40.8	6.09
1978	301.3	261.92	40.8	6.42
1979	303.8	271.96	40.1	6.78
1980	291.5	288.72	39.5	7.31
1981	277.3	305.94	38.8	7.88
CHICAGO SMSA[2] (Con.)				
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	75.4	261.60	41.3	6.33
1978	74.2	269.61	40.5	6.66
1979	73.6	275.63	40.0	6.89
1980	71.8	311.44	41.2	7.56
1981	66.6	317.24	39.7	7.99
MEAT PRODUCTS — SIC 201				
1977	12.2	315.37	41.2	7.66
1978	12.1	316.06	41.4	7.64
1979	12.1	301.32	38.2	7.89
1980	11.5	359.95	40.2	8.96
1981	9.9	376.57	42.4	8.88
DAIRY PRODUCTS — SIC 202				
1977	5.6	304.43	43.3	7.03
1978	5.1	326.49	41.2	7.93
1979	5.1	355.98	43.5	8.19
1980	5.0	356.45	43.2	8.26
1981	5.0	353.15	43.7	8.08
PRESERVED FRUITS AND VEGETABLES — SIC 203				
1977	4.8	-	-	-
1978	4.3	-	-	-
1979	3.8	-	-	-
1980	5.0	272.43	41.4	6.57
1981	4.0	298.27	42.8	6.96
GRAIN MILL PRODUCTS — SIC 204				
1977	7.8	314.93	46.8	6.73
1978	7.9	371.93	50.4	7.38
1979	8.3	357.75	44.1	8.11
1980	7.4	368.00	41.3	8.90
1981	6.3	334.30	33.3	10.05
BAKERY PRODUCTS — SIC 205				
1977	16.9	239.95	37.8	6.34
1978	17.0	245.87	37.1	6.63
1979	16.5	272.52	39.2	6.95
1980	16.7	321.70	41.5	7.75
1981	16.1	334.01	38.7	8.62
SUGAR AND CONFECTIONERY PRODUCTS — SIC 206				
1977	14.8	233.28	42.0	5.56
1978	14.6	233.77	41.2	5.67
1979	14.8	231.63	39.8	5.82
1980	14.1	262.08	42.0	6.23
1981	13.6	281.52	41.2	6.84
FATS AND OILS — SIC 207				
1977	1.4	-	-	-
1978	1.6	-	-	-
1979	1.6	-	-	-
1980	1.3	243.19	35.6	6.83
1981	1.3	256.50	34.4	7.45
BEVERAGES — SIC 208				
1977	5.7	-	-	-
1978	5.7	-	-	-
1979	5.5	-	-	-
1980	5.5	255.37	41.6	6.15
1981	5.3	235.12	41.5	5.66
MISC. FOODS AND KINDRED PRODUCTS — SIC 209				
1977	6.3	-	-	-
1978	5.9	-	-	-
1979	5.9	-	-	-
1980	5.3	245.40	39.3	6.25
1981	5.1	275.83	40.3	6.85
TEXTILE MILL PRODUCTS — SIC 22				
1977	1.7	153.80	37.3	4.13
1978	1.7	166.91	38.5	4.33
1979	1.7	174.99	37.1	4.71
1980	1.6	203.37	40.9	4.98
1981	1.4	228.65	41.2	5.55
CHICAGO SMSA[2] (Con.)				
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	15.2	154.09	37.8	4.07
1978	15.0	170.68	40.2	4.25
1979	14.3	185.41	42.2	4.39
1980	13.6	185.12	38.2	4.85
1981	13.5	178.93	33.4	5.35
WOMEN'S, MISSES', AND CHILDREN'S OUTERWEAR AND UNDERGARMENTS — SIC 233,4,6				
1977	3.7	137.50	34.8	3.95
1978	3.5	144.42	38.6	3.74
1979	3.1	162.57	39.4	4.12
1980	2.7	170.94	38.3	4.47
1981	2.9	181.41	36.9	4.92
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	29.0	223.73	42.6	5.26
1978	29.9	240.50	42.5	5.66
1979	30.0	262.22	42.9	6.11
1980	28.8	261.47	42.3	6.18
1981	28.4	286.21	42.3	6.76
MISC. CONVERTED PAPER PRODUCTS — SIC 264				
1977	11.6	220.16	41.3	5.33
1978	11.5	238.91	41.9	5.70
1979	11.9	256.04	41.9	6.11
1980	11.3	287.74	43.7	6.59
1981	10.9	318.32	44.1	7.22
PAPERBOARD CONTAINERS AND BOXES — SIC 265				
1977	15.5	224.85	43.5	5.17
1978	16.4	240.84	43.5	5.53
1979	16.2	263.41	44.1	5.98
1980	15.6	233.62	41.6	5.62
1981	15.8	261.96	41.4	6.33
PRINTING AND PUBLISHING — SIC 27				
1977	79.3	272.35	38.0	7.16
1978	81.2	285.58	38.4	7.44
1979	83.8	289.07	36.7	7.88
1980	80.7	298.02	34.9	8.55
1981	73.7	330.67	35.3	9.38
NEWSPAPERS — SIC 271				
1977	13.3	300.92	34.8	8.66
1978	13.5	296.39	33.5	8.84
1979	13.6	329.91	33.9	9.74
1980	12.5	334.42	31.0	10.77
1981	9.9	362.51	31.6	11.48
PERIODICALS, AND BOOKS — SIC 272,3				
1977	16.5	241.39	37.9	6.38
1978	16.7	257.82	38.5	6.70
1979	16.8	265.63	37.6	7.06
1980	15.7	280.79	37.2	7.55
1981	13.4	290.69	35.8	8.13
COMMERCIAL PRINTING — SIC 275				
1977	32.5	289.31	37.8	7.66
1978	33.2	320.65	38.6	8.30
1979	34.5	307.30	34.9	8.81
1980	33.7	321.80	34.3	9.39
1981	32.7	360.77	35.5	10.15
PRINTING AND PUBLISHING, EXCEPT NEWSPAPERS, PERIODICALS, BOOKS, AND COMMERCIAL PRINTING— SIC 274,6-9				
1977	16.9	-	-	-
1978	17.8	-	-	-
1979	19.0	-	-	-
1980	18.8	240.01	37.0	6.49
1981	17.7	267.57	36.1	7.42
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	49.2	273.75	42.9	6.38
1978	49.6	294.48	43.0	6.84
1979	51.3	325.56	43.8	7.43
1980	49.6	328.91	41.7	7.90
1981	49.0	350.30	40.9	8.57

See footnotes at end of tables.

ILLINOIS

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
CHICAGO SMSA[2] (Con.)				
INDUSTRIAL INORGANIC CHEMICALS — SIC 281				
1977	4.2	292.64	43.6	6.71
1978	3.9	332.77	45.4	7.33
1979	3.6	344.02	45.7	7.53
1980	3.6	362.10	42.6	8.51
1981	3.6	402.06	42.2	9.52
DRUGS — SIC 283				
1977	15.1	267.63	41.2	6.50
1978	16.1	254.13	39.6	6.41
1979	18.1	277.00	40.6	6.83
1980	17.0	292.66	39.9	7.33
1981	16.4	342.99	41.3	8.32
SOAP, CLEANERS, AND TOILET GOODS — SIC 284				
1977	8.9	281.78	41.8	6.75
1978	8.9	324.69	41.7	7.78
1979	9.1	418.60	48.2	8.69
1980	9.1	416.60	45.6	9.14
1981	8.9	384.43	40.4	9.52
PAINTS AND ALLIED PRODUCTS — SIC 285				
1977	6.9	248.15	42.8	5.79
1978	7.3	260.72	42.1	6.19
1979	7.1	277.91	41.6	6.67
1980	6.8	276.25	39.6	6.97
1981	6.8	317.23	42.1	7.54
INDUSTRIAL ORGANIC CHEMICALS — SIC 286				
1977	3.1	-	-	-
1978	2.9	-	-	-
1979	2.8	-	-	-
1980	2.5	332.16	44.8	7.41
1981	2.9	294.35	40.0	7.36
PETROLEUM AND COAL PRODUCTS — SIC 29				
1977	10.9	321.97	43.0	7.49
1978	10.9	336.00	44.5	7.56
1979	10.6	339.66	42.4	8.01
1980	9.8	371.42	42.0	8.84
1981	9.2	439.03	42.9	10.23
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS — SIC 30				
1977	31.0	204.92	41.4	4.95
1978	34.1	209.00	41.3	5.06
1979	33.9	211.67	39.7	5.33
1980	31.1	239.39	40.4	5.92
1981	31.7	261.37	40.3	6.49
RUBBER AND RUBBER PRODUCTS — SIC 301-4,6				
1977	6.0	228.54	42.8	5.35
1978	6.3	219.33	41.6	5.27
1979	6.6	227.11	39.2	5.79
1980	6.0	243.60	40.0	6.10
1981	5.7	268.56	39.7	6.76
MISCELLANEOUS PLASTICS PRODUCTS — SIC 307				
1977	25.0	198.46	41.0	4.84
1978	27.8	206.53	41.2	5.01
1979	27.3	208.35	39.8	5.23
1980	25.2	238.11	40.5	5.88
1981	26.0	259.83	40.4	6.43
LEATHER AND LEATHER PRODUCTS — SIC 31				
1977	4.4	232.53	43.4	5.36
1978	4.4	243.65	42.7	5.71
1979	4.2	227.51	38.1	5.97
1980	4.2	237.63	37.2	6.38
1981	3.5	206.00	36.3	5.68
FOOTWEAR, EXCEPT RUBBER — SIC 314				
1977	1.6	-	-	-
1978	1.5	-	-	-
1979	1.4	-	-	-
1980	1.5	134.25	32.1	4.19
1981	1.3	107.38	30.2	3.56

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
CHICAGO SMSA[2] (Con.)				
TRANSPORTATION AND PUBLIC UTILITIES				
1977	189.7	-	-	-
1978	193.0	-	-	-
1979	199.0	-	-	-
1980	194.8	-	-	-
1981	197.2	-	-	-
RAILROAD TRANSPORTATION — SIC 40				
1977	28.6	-	-	-
1978	28.2	-	-	-
1979	27.7	-	-	-
1980	25.7	-	-	-
1981	25.5	-	-	-
LOCAL AND INTERURBAN PASSENGER TRANSIT — SIC 41				
1977	10.7	-	-	-
1978	10.6	-	-	-
1979	11.4	-	-	-
1980	11.1	-	-	-
1981	10.6	-	-	-
TRUCKING AND WAREHOUSING — SIC 42				
1977	53.0	-	-	-
1978	53.7	-	-	-
1979	55.4	-	-	-
1980	54.8	-	-	-
1981	53.9	-	-	-
TRANSPORTATION BY AIR — SIC 45				
1977	24.4	-	-	-
1978	25.4	-	-	-
1979	27.2	-	-	-
1980	27.0	-	-	-
1981	25.8	-	-	-
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	61.2	-	-	-
1978	62.3	-	-	-
1979	63.8	-	-	-
1980	62.5	-	-	-
1981	67.5	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	714.3	-	-	-
1978	740.1	-	-	-
1979	755.9	-	-	-
1980	770.9	-	-	-
1981	763.2	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	231.2	-	-	-
1978	240.5	-	-	-
1979	247.8	-	-	-
1980	253.2	-	-	-
1981	249.7	-	-	-
RETAIL TRADE — SIC 52-59				
1977	483.1	-	-	-
1978	499.6	-	-	-
1979	508.1	-	-	-
1980	517.8	-	-	-
1981	513.5	-	-	-
GENERAL MERCHANDISE STORES — SIC 53				
1977	97.1	-	-	-
1978	100.4	-	-	-
1979	99.7	-	-	-
1980	97.5	-	-	-
1981	96.1	-	-	-
DEPARTMENT STORES — SIC 531				
1977	84.3	-	-	-
1978	85.9	-	-	-
1979	83.4	-	-	-
1980	80.4	-	-	-
1981	81.0	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
CHICAGO SMSA[2] (Con.)				
FOOD STORES — SIC 54				
1977	66.1	-	-	-
1978	67.5	-	-	-
1979	69.0	-	-	-
1980	69.8	-	-	-
1981	72.4	-	-	-
GROCERY STORES — SIC 541				
1977	56.6	-	-	-
1978	57.6	-	-	-
1979	59.2	-	-	-
1980	59.2	-	-	-
1981	61.5	-	-	-
AUTOMOTIVE DEALERS AND SERVICE STATIONS — SIC 55				
1977	47.3	-	-	-
1978	47.7	-	-	-
1979	48.4	-	-	-
1980	46.3	-	-	-
1981	41.2	-	-	-
APPAREL AND ACCESSORY STORES — SIC 56				
1977	33.8	-	-	-
1978	36.5	-	-	-
1979	39.0	-	-	-
1980	40.7	-	-	-
1981	39.1	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	201.8	-	-	-
1978	211.5	-	-	-
1979	219.9	-	-	-
1980	228.4	-	-	-
1981	243.9	-	-	-
BANKING — SIC 60				
1977	56.6	-	-	-
1978	59.6	-	-	-
1979	65.0	-	-	-
1980	66.5	-	-	-
1981	67.1	-	-	-
CREDIT AGENCIES OTHER THAN BANKS — SIC 61				
1977	20.8	-	-	-
1978	22.9	-	-	-
1979	23.5	-	-	-
1980	25.0	-	-	-
1981	27.1	-	-	-
SECURITY, COMMODITY BROKERS AND SERVICES — SIC 62				
1977	13.1	-	-	-
1978	13.5	-	-	-
1979	14.4	-	-	-
1980	16.4	-	-	-
1981	19.3	-	-	-
INSURANCE CARRIERS — SIC 63				
1977	56.1	-	-	-
1978	58.8	-	-	-
1979	59.8	-	-	-
1980	61.2	-	-	-
1981	62.7	-	-	-
LIFE INSURANCE — SIC 631				
1977	16.7	-	-	-
1978	17.1	-	-	-
1979	17.4	-	-	-
1980	17.6	-	-	-
1981	17.3	-	-	-
FIRE, MARINE, AND CASUALTY INSURANCE — SIC 633				
1977	25.8	-	-	-
1978	26.6	-	-	-
1979	26.9	-	-	-
1980	28.2	-	-	-
1981	31.2	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
CHICAGO SMSA[2] (Con.)				
INSURANCE EXC. LIFE AND FIRE, MARINE AND CASUALTY — SIC 632,5-7,9				
1977	13.6	–	–	–
1978	15.1	–	–	–
1979	15.5	–	–	–
1980	15.4	–	–	–
1981	14.3	–	–	–
SERVICES				
1977	598.5	–	–	–
1978	620.7	–	–	–
1979	644.0	–	–	–
1980	667.5	–	–	–
1981	696.2	–	–	–
HOTELS AND OTHER LODGING PLACES — SIC 70				
1977	28.6	–	–	–
1978	29.9	–	–	–
1979	29.9	–	–	–
1980	30.6	–	–	–
1981	32.4	–	–	–
HOTELS AND OTHER LODGING PLACES, PERSONAL, BUSINESS, AND REPAIR SERVICES, AND AMUSEMENTS — SIC 70,72,73,75, 76,78,79				
1977	228.1	–	–	–
1978	232.7	–	–	–
1979	237.9	–	–	–
1980	244.7	–	–	–
1981	262.9	–	–	–
PERSONAL SERVICES — SIC 72				
1977	26.8	–	–	–
1978	27.9	–	–	–
1979	28.9	–	–	–
1980	30.8	–	–	–
1981	33.1	–	–	–
LAUNDRIES, CLEANING, AND GARMENT SERVICES — SIC 721				
1977	14.8	–	–	–
1978	14.7	–	–	–
1979	14.9	–	–	–
1980	15.4	–	–	–
1981	16.0	–	–	–
BUSINESS SERVICES — SIC 73				
1977	117.3	–	–	–
1978	120.4	–	–	–
1979	126.2	–	–	–
1980	130.1	–	–	–
1981	139.9	–	–	–
ADVERTISING — SIC 731				
1977	12.0	–	–	–
1978	12.3	–	–	–
1979	13.2	–	–	–
1980	13.4	–	–	–
1981	13.1	–	–	–
AUTO REPAIR, SERVICES, AND GARAGES — SIC 75				
1977	16.3	–	–	–
1978	17.4	–	–	–
1979	18.3	–	–	–
1980	18.9	–	–	–
1981	19.8	–	–	–
MISCELLANEOUS REPAIR SERVICES — SIC 76				
1977	8.6	–	–	–
1978	8.4	–	–	–
1979	8.4	–	–	–
1980	8.6	–	–	–
1981	9.0	–	–	–
MOTION PICTURES — SIC 78				
1977	5.9	–	–	–
1978	6.4	–	–	–
1979	6.1	–	–	–
1980	5.6	–	–	–
1981	5.7	–	–	–
AMUSEMENT AND RECREATION SERVICES — SIC 79				
1977	24.6	–	–	–
1978	22.3	–	–	–
1979	20.2	–	–	–
1980	20.2	–	–	–
1981	23.0	–	–	–
HEALTH SERVICES — SIC 80				
1977	171.0	–	–	–
1978	182.7	–	–	–
1979	192.4	–	–	–
1980	198.5	–	–	–
1981	204.5	–	–	–
HOSPITALS — SIC 806				
1977	115.0	–	–	–
1978	121.5	–	–	–
1979	128.1	–	–	–
1980	131.8	–	–	–
1981	133.6	–	–	–
HEALTH SERVICES, EXCEPT HOSPITALS — SIC 801-5,7-9				
1977	56.0	–	–	–
1978	61.2	–	–	–
1979	64.3	–	–	–
1980	66.7	–	–	–
1981	70.8	–	–	–
LEGAL, EDUCATIONAL, AND SOCIAL SERVICES, MUSEUMS, MEMBERSHIP ORGANIZATIONS, AND MISCELLANEOUS SERVICES — SIC 81-84,86,89				
1977	199.4	–	–	–
1978	205.4	–	–	–
1979	213.7	–	–	–
1980	224.4	–	–	–
1981	228.8	–	–	–
GOVERNMENT				
1977	425.2	–	–	–
1978	413.4	–	–	–
1979	421.9	–	–	–
1980	443.9	–	–	–
1981	451.6	–	–	–
FEDERAL GOVERNMENT				
1977	68.3	–	–	–
1978	69.3	–	–	–
1979	69.0	–	–	–
1980	70.6	–	–	–
1981	67.3	–	–	–
U. S. POSTAL SERVICE — SIC 43				
1977	22.8	–	–	–
1978	22.4	–	–	–
1979	22.1	–	–	–
1980	23.8	–	–	–
1981	29.0	–	–	–
OTHER FEDERAL				
1977	45.5	–	–	–
1978	46.9	–	–	–
1979	46.8	–	–	–
1980	46.9	–	–	–
1981	38.3	–	–	–
STATE GOVERNMENT				
1977	43.4	–	–	–
1978	45.1	–	–	–
1979	45.3	–	–	–
1980	46.0	–	–	–
1981	46.3	–	–	–
CHICAGO SMSA[2] (Con.)				
STATE EDUCATION — SIC 82,941				
1977	15.7	–	–	–
1978	16.7	–	–	–
1979	16.8	–	–	–
1980	16.8	–	–	–
1981	16.6	–	–	–
LOCAL GOVERNMENT				
1977	313.6	–	–	–
1978	299.0	–	–	–
1979	307.6	–	–	–
1980	327.2	–	–	–
1981	338.0	–	–	–
LOCAL EDUCATION — SIC 82,941				
1977	169.3	–	–	–
1978	152.2	–	–	–
1979	152.6	–	–	–
1980	153.0	–	–	–
1981	154.6	–	–	–
DAVENPORT-ROCK ISLAND-MOLINE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	158.5	–	–	–
1978	162.0	–	–	–
1979	165.7	–	–	–
1980	164.4	–	–	–
1981	162.9	–	–	–
CONSTRUCTION AND MINING				
1977	7.5	–	–	–
1978	7.9	–	–	–
1979	7.8	–	–	–
1980	7.3	–	–	–
1981	7.4	–	–	–
MANUFACTURING				
1977	47.3	271.57	40.6	6.69
1978	47.8	277.27	38.2	7.25
1979	50.1	[1] 335.05	[1] 38.9	[1] 8.61
1980	50.0	376.39	39.3	9.58
1981	49.9	432.06	39.5	10.93
DURABLE GOODS				
1977	38.9	296.95	40.8	7.28
1978	39.2	300.95	37.8	7.96
1979	41.4	[1] 350.66	[1] 38.5	[1] 9.12
1980	41.5	394.67	38.8	10.17
1981	42.3	463.16	39.8	11.65
FABRICATED METAL PRODUCTS — SIC 34				
1977	2.2	266.67	41.1	6.49
1978	2.0	268.26	40.4	6.63
1979	2.1	292.57	40.5	7.22
1980	2.1	325.06	38.0	8.55
1981	1.8	342.49	37.6	9.12
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	26.7	316.16	38.9	8.13
1978	26.6	317.62	36.3	8.75
1979	28.0	368.48	38.7	9.52
1980	28.3	436.32	40.8	10.69
1981	29.3	488.43	39.7	12.31
NONDURABLE GOODS				
1977	8.4	156.70	39.5	3.96
1978	8.6	164.17	40.1	4.09
1979	8.7	[1] 259.90	[1] 41.0	[1] 6.33
1980	8.3	285.20	41.8	6.82
1981	7.6	278.67	38.4	7.26
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	4.2	163.16	42.6	3.83
1978	4.3	162.37	41.3	3.93
1979	4.3	[1] 323.10	[1] 41.0	[1] 7.88
1980	4.2	348.62	43.8	7.95
1981	3.8	300.46	38.9	7.72

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
DAVENPORT-ROCK ISLAND-MOLINE (Con.)				
PRINTING AND PUBLISHING — SIC 27				
1977	1.8	182.46	34.2	5.34
1978	1.8	208.72	36.9	5.65
1979	1.9	240.73	39.7	6.07
1980	1.8	245.45	37.1	6.62
1981	1.7	321.66	37.9	8.50
TRANSPORTATION AND PUBLIC UTILITIES				
1977	7.8	-	-	-
1978	8.0	-	-	-
1979	8.1	-	-	-
1980	6.9	-	-	-
1981	6.9	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	39.3	-	-	-
1978	39.6	-	-	-
1979	40.6	-	-	-
1980	41.0	-	-	-
1981	40.6	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	10.1	-	-	-
1978	9.7	-	-	-
1979	10.5	-	-	-
1980	10.6	-	-	-
1981	10.5	-	-	-
RETAIL TRADE — SIC 52-59				
1977	29.1	-	-	-
1978	29.9	-	-	-
1979	30.1	-	-	-
1980	30.4	-	-	-
1981	30.2	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	6.6	-	-	-
1978	7.0	-	-	-
1979	7.1	-	-	-
1980	7.2	-	-	-
1981	7.2	-	-	-
SERVICES				
1977	24.2	-	-	-
1978	25.1	-	-	-
1979	25.0	-	-	-
1980	25.2	-	-	-
1981	24.6	-	-	-
GOVERNMENT				
1977	25.8	-	-	-
1978	26.6	-	-	-
1979	27.0	-	-	-
1980	26.7	-	-	-
1981	26.2	-	-	-
DECATUR				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	53.8	-	-	
1978	53.9	-	-	-
1979	53.5	-	-	-
1980	54.8	-	-	-
1981	56.0	-	-	-
CONSTRUCTION AND MINING				
1977	2.9	-	-	-
1978	2.7	-	-	-
1979	2.7	-	-	-
1980	2.4	-	-	-
1981	2.3	-	-	-
MANUFACTURING				
1977	19.2	275.01	40.9	6.72
1978	20.0	302.10	41.7	7.24
1979	19.1	327.72	41.3	7.93
1980	19.9	339.34	37.1	9.15
1981	20.3	415.73	39.3	10.57
DECATUR (Con.)				
DURABLE GOODS				
1977	11.8	270.37	39.6	6.82
1978	12.4	311.36	42.2	7.38
1979	11.5	346.41	42.2	8.20
1980	12.5	352.31	36.4	9.67
1981	12.4	433.56	39.8	10.89
FABRICATED METAL PRODUCTS — SIC 34				
1977	1.9	216.78	37.5	5.79
1978	1.9	236.35	40.6	5.83
1979	1.8	279.59	43.4	6.44
1980	1.8	274.94	36.6	7.51
1981	1.6	389.42	39.1	9.95
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	7.2	-	-	-
1978	7.8	-	-	-
1979	7.2	-	-	-
1980	8.5	377.17	36.5	10.34
1981	8.6	458.70	40.2	11.40
MACHINERY — SIC 35,36				
1977	7.3	287.71	40.3	7.14
1978	7.9	358.39	45.5	7.87
1979	7.3	373.82	42.1	8.87
1980	8.6	375.53	36.4	10.33
1981	8.7	459.96	40.3	11.40
NONDURABLE GOODS				
1977	7.4	282.41	42.9	6.58
1978	7.6	289.35	41.1	7.04
1979	7.6	304.52	40.2	7.58
1980	7.4	317.63	38.2	8.32
1981	7.8	385.25	38.5	10.02
TRANSPORTATION AND PUBLIC UTILITIES				
1977	4.5	-	-	-
1978	4.5	-	-	-
1979	5.1	-	-	-
1980	5.2	-	-	-
1981	5.3	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	11.2	-	-	-
1978	10.9	-	-	-
1979	10.7	-	-	-
1980	11.1	-	-	-
1981	11.6	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	2.0	-	-	-
1978	1.9	-	-	-
1979	1.9	-	-	-
1980	1.8	-	-	-
1981	1.8	-	-	-
RETAIL TRADE — SIC 52-59				
1977	9.2	-	-	-
1978	9.0	-	-	-
1979	8.8	-	-	-
1980	9.3	-	-	-
1981	9.9	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	2.5	-	-	-
1978	2.6	-	-	-
1979	2.8	-	-	-
1980	2.8	-	-	-
1981	2.7	-	-	-
SERVICES				
1977	8.6	-	-	-
1978	8.6	-	-	-
1979	8.3	-	-	-
1980	8.6	-	-	-
1981	8.7	-	-	-
DECATUR (Con.)				
GOVERNMENT				
1977	4.9	-	-	-
1978	4.6	-	-	-
1979	4.9	-	-	-
1980	4.9	-	-	-
1981	5.2	-	-	-
KANKAKEE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	35.2	-	-	-
1978	35.9	-	-	-
1979	35.7	-	-	-
1980	35.0	-	-	-
1981	33.4	-	-	-
CONSTRUCTION AND MINING				
1977	1.3	-	-	-
1978	1.7	-	-	-
1979	1.6	-	-	-
1980	1.8	-	-	-
1981	1.7	-	-	-
MANUFACTURING				
1977	10.3	-	-	-
1978	10.5	-	-	-
1979	10.0	-	-	-
1980	9.5	275.51	39.2	7.02
1981	8.9	293.78	37.8	7.77
DURABLE GOODS				
1977	5.6	-	-	-
1978	6.0	-	-	-
1979	5.4	-	-	-
1980	5.1	270.56	38.7	6.98
1981	4.8	298.61	38.8	7.70
NONDURABLE GOODS				
1977	4.7	-	-	-
1978	4.6	-	-	-
1979	4.6	-	-	-
1980	4.5	282.00	39.9	7.07
1981	4.1	287.69	36.6	7.87
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	1.8	-	-	-
1978	1.8	-	-	-
1979	1.8	-	-	-
1980	1.8	338.95	41.2	8.22
1981	1.8	363.22	40.4	8.98
TRANSPORTATION AND PUBLIC UTILITIES				
1977	1.4	-	-	-
1978	1.4	-	-	-
1979	1.5	-	-	-
1980	1.5	-	-	-
1981	1.4	-	-	-
TRANSPORTATION, EXCEPT RAILROADS — SIC 41,42,44-47				
1977	.6	-	-	-
1978	.6	-	-	-
1979	.7	-	-	-
1980	.5	-	-	-
1981	.5	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	7.4	-	-	-
1978	7.8	-	-	-
1979	7.9	-	-	-
1980	7.4	-	-	-
1981	6.9	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	1.6	-	-	-
1978	1.6	-	-	-
1979	1.6	-	-	-
1980	1.6	-	-	-
1981	1.5	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
KANKAKEE (Con.)				
RETAIL TRADE — SIC 52-59				
1977	5.9	-	-	-
1978	6.2	-	-	-
1979	6.3	-	-	-
1980	5.8	-	-	-
1981	5.3	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	1.0	-	-	-
1978	1.1	-	-	-
1979	1.1	-	-	-
1980	1.2	-	-	-
1981	1.1	-	-	-
SERVICES				
1977	6.5	-	-	-
1978	6.4	-	-	-
1979	6.4	-	-	-
1980	6.3	-	-	-
1981	6.4	-	-	-
GOVERNMENT				
1977	7.2	-	-	-
1978	7.0	-	-	-
1979	7.1	-	-	-
1980	7.4	-	-	-
1981	7.1	-	-	-
PEORIA				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	143.8	-	-	-
1978	153.3	-	-	-
1979	147.3	-	-	-
1980	151.8	-	-	-
1981	147.6	-	-	-
CONSTRUCTION AND MINING				
1977	8.1	-	-	-
1978	8.1	-	-	-
1979	7.9	-	-	-
1980	7.4	-	-	-
1981	6.8	-	-	-
MANUFACTURING				
1977	49.1	287.52	38.0	7.56
1978	53.5	317.44	38.2	8.31
1979	44.8	344.26	38.7	8.89
1980	51.1	391.98	39.3	9.97
1981	47.8	461.97	39.3	11.75
DURABLE GOODS				
1977	41.4	286.08	37.2	7.69
1978	44.6	325.05	37.9	8.57
1979	36.5	354.71	38.7	9.15
1980	43.1	402.71	38.9	10.35
1981	40.4	468.85	38.8	12.09
PRIMARY METAL INDUSTRIES — SIC 33				
1977	5.9	294.50	37.2	7.93
1978	6.1	339.00	38.6	8.78
1979	5.8	401.23	41.4	9.68
1980	6.4	425.11	38.7	10.98
1981	5.3	478.34	38.8	12.32
FABRICATED METAL PRODUCTS — SIC 34				
1977	1.9	174.40	36.7	4.75
1978	2.2	208.19	38.2	5.45
1979	2.2	255.38	42.7	5.98
1980	1.4	268.39	41.5	6.47
1981	1.5	229.76	40.2	5.72
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	32.0	294.96	37.1	7.96
1978	34.5	336.50	37.8	8.91
1979	26.6	360.59	37.7	9.55
1980	33.5	412.21	38.9	10.59
1981	32.1	489.64	38.8	12.63

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
PEORIA (Con.)				
CONSTRUCTION AND RELATED MACHINERY — SIC 353				
1977	25.3	301.91	38.3	7.88
1978	26.0	339.07	38.2	8.89
1979	19.6	357.03	36.5	9.77
1980	24.3	418.52	38.3	10.94
1981	22.4	487.69	38.3	12.73
NONDURABLE GOODS				
1977	7.6	293.06	41.3	7.10
1978	9.0	286.53	39.3	7.28
1979	8.3	296.40	38.6	7.69
1980	7.9	335.80	41.4	8.11
1981	7.5	427.62	41.9	10.21
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	4.2	327.43	42.4	7.73
1978	5.0	305.75	39.8	7.68
1979	4.5	321.90	39.5	8.15
1980	4.0	371.35	43.2	8.60
1981	3.6	484.79	43.9	11.03
PRINTING AND PUBLISHING — SIC 27				
1977	1.6	219.23	31.9	6.88
1978	1.9	248.18	32.5	7.64
1979	1.9	251.11	31.6	7.94
1980	2.0	299.14	36.7	7.89
1981	2.0	381.65	38.5	9.93
TRANSPORTATION AND PUBLIC UTILITIES				
1977	7.3	-	-	-
1978	7.8	-	-	-
1979	8.2	-	-	-
1980	7.8	-	-	-
1981	7.9	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	33.3	-	-	-
1978	35.4	-	-	-
1979	36.3	-	-	-
1980	35.6	-	-	-
1981	34.8	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	8.2	-	-	-
1978	8.2	-	-	-
1979	8.6	-	-	-
1980	8.8	-	-	-
1981	8.3	-	-	-
RETAIL TRADE — SIC 52-59				
1977	25.1	-	-	-
1978	27.2	-	-	-
1979	27.7	-	-	-
1980	26.8	-	-	-
1981	26.5	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	6.8	-	-	-
1978	6.9	-	-	-
1979	7.0	-	-	-
1980	7.2	-	-	-
1981	7.1	-	-	-
SERVICES				
1977	23.1	-	-	-
1978	24.7	-	-	-
1979	25.9	-	-	-
1980	25.5	-	-	-
1981	25.8	-	-	-
GOVERNMENT				
1977	16.2	-	-	-
1978	17.0	-	-	-
1979	17.2	-	-	-
1980	17.2	-	-	-
1981	17.4	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
PEORIA (Con.)				
FEDERAL GOVERNMENT				
1977	1.8	-	-	-
1978	1.8	-	-	-
1979	1.8	-	-	-
1980	1.7	-	-	-
1981	1.7	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	14.4	-	-	-
1978	15.2	-	-	-
1979	15.4	-	-	-
1980	15.5	-	-	-
1981	15.6	-	-	-
ROCKFORD				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	114.6	-	-	-
1978	120.0	-	-	-
1979	124.1	-	-	-
1980	118.6	-	-	-
1981	116.5	-	-	-
CONSTRUCTION AND MINING				
1977	3.5	-	-	-
1978	3.9	-	-	-
1979	3.6	-	-	-
1980	3.5	-	-	-
1981	3.6	-	-	-
MANUFACTURING				
1977	51.4	253.95	42.0	6.05
1978	54.5	282.70	42.3	6.68
1979	57.0	300.22	41.8	7.18
1980	50.9	310.25	40.1	7.74
1981	49.0	362.00	40.6	8.91
DURABLE GOODS				
1977	44.8	259.54	41.7	6.23
1978	48.0	287.87	42.2	6.82
1979	50.3	306.42	41.8	7.34
1980	44.4	314.56	40.0	7.86
1981	42.8	368.13	40.7	9.06
LUMBER, AND FURNITURE — SIC 24,25				
1977	.4	171.45	43.9	3.91
1978	.4	191.06	43.7	4.37
1979	.3	186.27	41.4	4.49
1980	.4	199.30	39.3	5.07
1981	.3	153.74	37.2	4.13
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	1.0	251.72	39.5	6.38
1978	1.0	309.51	42.8	7.23
1979	1.0	330.31	43.9	7.53
1980	1.0	344.36	42.6	8.09
1981	1.1	373.20	40.0	9.32
PRIMARY METAL INDUSTRIES — SIC 33				
1977	1.3	237.14	37.1	6.39
1978	1.2	282.22	41.1	6.87
1979	1.4	289.71	41.8	6.93
1980	1.0	301.12	43.4	6.94
1981	.8	282.83	38.0	7.44
FABRICATED METAL PRODUCTS — SIC 34				
1977	13.1	248.47	42.1	5.91
1978	13.8	273.08	42.6	6.41
1979	14.0	296.26	41.4	7.15
1980	10.6	304.41	39.6	7.69
1981	10.1	345.11	40.0	8.63
CUTLERY, HAND TOOLS, AND HARDWARE — SIC 342				
1977	5.9	270.01	43.9	6.15
1978	6.1	307.36	45.0	6.83
1979	6.1	341.62	44.5	7.68
1920	4.8	330.10	40.1	8.23
1981	4.4	363.06	39.7	9.14

See footnotes at end of tables.

ILLINOIS

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
ROCKFORD (Con.)				
SCREW MACHINE PRODUCTS, BOLTS, ETC. — SIC 345				
1977	4.6	235.93	39.3	6.01
1978	4.9	247.98	39.5	6.28
1979	5.0	253.03	37.1	6.82
1980	3.5	270.24	37.1	7.29
1981	3.5	336.08	40.1	8.38
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	13.6	270.20	44.4	6.09
1978	14.6	291.81	43.3	6.74
1979	14.9	324.03	42.9	7.56
1980	14.0	337.18	41.1	8.20
1981	13.1	375.10	41.6	9.02
METALWORKING MACHINERY — SIC 354				
1977	6.4	305.58	46.2	6.61
1978	6.7	327.06	45.8	7.15
1979	7.0	345.37	44.8	7.70
1980	6.8	341.99	40.5	8.44
1981	6.5	395.12	42.1	9.38
GENERAL INDUSTRIAL MACHINERY — SIC 356				
1977	3.5	-	-	-
1978	3.7	-	-	-
1979	3.9	-	-	-
1980	3.7	-	-	-
1981	3.7	-	-	-
TRANSPORTATION EQUIPMENT — SIC 37				
1977	9.1	320.94	40.4	7.94
1978	10.7	342.96	41.5	8.27
1979	12.0	341.29	41.3	8.25
1980	11.5	343.42	40.0	8.59
1981	12.2	429.89	41.8	10.28
NONDURABLE GOODS				
1977	6.6	227.36	44.3	5.14
1978	6.5	245.40	43.1	5.69
1979	6.7	255.94	42.3	6.06
1980	6.5	284.22	40.8	6.97
1981	6.2	326.84	40.4	8.09
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	3.8	243.31	45.4	5.35
1978	3.6	280.17	45.4	6.17
1979	3.5	297.91	45.5	6.55
1980	3.4	335.68	42.6	7.89
1981	3.4	359.95	40.9	8.80
TRANSPORTATION AND PUBLIC UTILITIES				
1977	4.9	-	-	-
1978	5.4	-	-	-
1979	5.1	-	-	-
1980	4.8	-	-	-
1981	4.4	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	23.2	-	-	-
1978	23.9	-	-	-
1979	25.0	-	-	-
1980	25.0	-	-	-
1981	24.6	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	5.2	-	-	-
1978	5.5	-	-	-
1979	5.8	-	-	-
1980	5.8	-	-	-
1981	5.7	-	-	-
RETAIL TRADE — SIC 52-59				
1977	18.0	-	-	-
1978	18.4	-	-	-
1979	19.3	-	-	-
1980	19.2	-	-	-
1981	18.9	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
ROCKFORD (Con.)				
FINANCE, INSURANCE, AND REAL ESTATE				
1977	3.8	-	-	-
1978	4.0	-	-	-
1979	4.2	-	-	-
1980	4.2	-	-	-
1981	4.2	-	-	-
SERVICES				
1977	15.7	-	-	-
1978	16.3	-	-	-
1979	16.9	-	-	-
1980	17.9	-	-	-
1981	18.4	-	-	-
GOVERNMENT				
1977	12.0	-	-	-
1978	12.1	-	-	-
1979	12.3	-	-	-
1980	12.4	-	-	-
1981	12.3	-	-	-
SPRINGFIELD				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	84.4	-	-	-
1978	86.1	-	-	-
1979	85.6	-	-	-
1980	87.0	-	-	-
1981	86.9	-	-	-
CONSTRUCTION AND MINING				
1977	3.7	-	-	-
1978	3.9	-	-	-
1979	3.7	-	-	-
1980	4.1	-	-	-
1981	3.9	-	-	-
MANUFACTURING				
1977	8.2	294.24	42.8	6.88
1978	7.9	306.86	42.3	7.25
1979	6.8	327.99	42.7	7.68
1980	6.3	311.71	38.8	8.04
1981	6.4	385.66	40.1	9.62
DURABLE GOODS				
1977	5.9	282.79	41.7	6.79
1978	5.6	296.18	41.1	7.20
1979	4.7	310.90	40.8	7.63
1980	3.9	300.33	37.7	7.98
1981	4.1	394.65	39.9	9.88
NONDURABLE GOODS				
1977	2.3	327.31	46.0	7.11
1978	2.3	338.16	45.7	7.40
1979	2.2	364.00	46.7	7.79
1980	2.4	329.75	40.5	8.14
1981	2.3	370.76	40.4	9.18
TRANSPORTATION AND PUBLIC UTILITIES				
1977	5.1	-	-	-
1978	5.4	-	-	-
1979	5.3	-	-	-
1980	5.0	-	-	-
1981	4.7	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	17.7	-	-	-
1978	18.5	-	-	-
1979	19.2	-	-	-
1980	19.4	-	-	-
1981	19.0	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	3.8	-	-	-
1978	4.0	-	-	-
1979	4.0	-	-	-
1980	3.9	-	-	-
1981	3.7	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
SPRINGFIELD (Con.)				
RETAIL TRADE — SIC 52-59				
1977	13.9	-	-	-
1978	14.5	-	-	-
1979	15.2	-	-	-
1980	15.5	-	-	-
1981	15.3	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	6.3	-	-	-
1978	6.5	-	-	-
1979	6.7	-	-	-
1980	6.6	-	-	-
1981	6.7	-	-	-
SERVICES				
1977	15.5	-	-	-
1978	16.0	-	-	-
1979	16.3	-	-	-
1980	17.4	-	-	-
1981	18.0	-	-	-
GOVERNMENT				
1977	27.9	-	-	-
1978	27.9	-	-	-
1979	27.7	-	-	-
1980	28.2	-	-	-
1981	28.1	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE[1]				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	2,114.0	-	-	-
1978	2,205.5	-	-	-
1979	2,236.3	-	-	-
1980	2,137.1	-	-	-
1981	2,114.8	-	-	-
MINING				
1977	8.3	-	-	-
1978	9.0	-	-	-
1979	10.2	-	-	-
1980	10.1	-	-	-
1981	9.0	-	-	-
CONSTRUCTION				
1977	91.9	-	-	-
1978	100.6	-	-	-
1979	106.0	-	-	-
1980	91.6	-	-	-
1981	86.7	-	-	-
MANUFACTURING				
1977	713.2	271.92	41.2	6.60
1978	741.5	295.40	41.2	7.17
1979	733.2	315.94	40.5	7.79
1980	658.0	337.90	39.8	8.49
1981	656.9	375.74	40.1	9.37
DURABLE GOODS				
1977	547.6	282.49	41.3	6.84
1978	572.5	307.76	41.2	7.47
1979	564.8	328.97	40.5	8.11
1980	497.7	350.15	39.7	8.82
1981	496.1	391.78	40.1	9.77
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	20.6	193.52	39.9	4.85
1978	22.4	206.44	39.7	5.20
1979	22.0	220.70	38.6	5.72
1980	18.8	225.98	37.6	6.01
1981	18.4	237.60	38.2	6.22
MOBILE HOMES — SIC 2451				
1978	4.8	-	-	-
1979	4.7	294.75	35.6	8.22
1980	3.9	284.33	32.2	8.83
1981	3.6	308.36	33.7	9.15
FURNITURE AND FIXTURES — SIC 25				
1977	21.8	178.35	39.9	4.47
1978	22.0	195.62	40.5	4.83
1979	21.0	209.14	39.9	5.24
1980	19.3	222.87	39.1	5.70
1981	18.9	247.56	39.8	6.22
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	24.8	241.61	41.3	5.85
1978	25.6	272.21	42.4	6.42
1979	25.1	291.98	41.7	7.00
1980	21.6	320.12	41.2	7.77
1981	21.0	349.40	41.3	8.46
PRIMARY METAL INDUSTRIES — SIC 33				
1977	106.2	341.94	41.7	8.20
1978	110.7	384.79	42.1	9.14
1979	112.1	417.06	41.6	10.03
1980	101.6	437.89	39.7	11.03
1981	102.2	496.13	40.6	12.22

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE[1] (Con.)				
BLAST FURNACE AND BASIC STEEL PRODUCTS — SIC 331				
1977	68.1	362.71	40.8	8.89
1978	70.4	415.58	41.6	9.99
1979	71.5	450.06	41.0	10.98
1980	65.2	468.70	38.8	12.08
1981	66.3	536.80	40.3	13.32
FABRICATED METAL PRODUCTS — SIC 34				
1977	62.2	256.88	41.1	6.25
1978	64.8	268.62	40.7	6.60
1979	63.7	286.58	40.3	7.11
1980	54.7	303.73	39.6	7.67
1981	53.6	337.60	40.0	8.44
FABRICATED STRUCTURAL METAL PRODUCTS — SIC 344				
1977	15.8	240.17	40.5	5.93
1978	16.6	262.35	40.3	6.51
1979	15.8	292.77	40.8	7.11
1980	13.3	303.51	40.2	7.55
1981	12.4	313.47	40.5	7.74
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	75.9	280.73	41.9	6.70
1978	78.8	308.17	42.1	7.32
1979	81.7	331.70	41.6	7.97
1980	74.8	349.92	40.5	8.64
1981	72.5	391.13	40.7	9.61
GENERAL INDUSTRIAL MACHINERY — SIC 356				
1977	21.8	273.31	41.6	6.57
1978	22.3	300.17	42.1	7.13
1979	22.5	326.40	41.9	7.79
1980	21.2	344.25	40.5	8.50
1981	20.2	373.98	40.3	9.28
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	113.6	267.73	41.0	6.53
1978	116.7	280.90	39.9	7.04
1979	114.2	301.97	39.6	7.63
1980	102.0	330.46	39.2	8.43
1981	105.7	363.40	39.5	9.20
RADIO, TV, COMMUNICATION EQUIPMENT, AND ELECTRONIC COMPONENTS — SIC 365-7				
1977	53.9	239.60	40.0	5.99
1978	54.0	257.40	39.6	6.50
1979	54.1	284.91	39.6	7.18
1980	51.4	317.98	39.5	8.05
1981	53.6	348.59	39.3	8.87
MISC. ELECTRICAL EQUIPMENT AND SUPPLIES — SIC 369				
1977	22.5	339.83	41.8	8.13
1978	22.5	332.09	39.3	8.45
1979	21.1	347.15	38.5	9.01
1980	16.4	373.74	37.6	9.94
1981	17.2	398.03	37.8	10.53
TRANSPORTATION EQUIPMENT — SIC 37				
1977	101.8	327.05	42.2	7.75
1978	109.1	350.70	41.7	8.41
1979	102.8	366.62	40.1	9.13
1980	83.4	391.84	39.7	9.87
1981	83.0	437.30	39.9	10.96
MOTOR VEHICLES AND EQUIPMENT, EXCEPT MOTOR HOMES— SIC 3711,3-5				
1977	65.3	346.26	43.5	7.96
1978	68.3	370.23	43.0	8.61

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE[1] (Con.)				
MOTOR VEHICLES AND EQUIPMENT, EXCEPT MOTOR HOMES— SIC 3711,3-5 (Con.)				
1979	64.6	374.77	40.7	9.20
1980	48.2	398.20	39.9	9.98
1981	45.9	439.60	40.0	10.99
AIRCRAFT AND PARTS — SIC 372				
1977	16.8	362.41	41.8	8.67
1978	18.8	387.45	41.0	9.45
1979	19.6	435.96	41.6	10.49
1980	20.3	478.88	41.0	11.68
1981	21.1	535.60	41.2	13.00
MISCELLANEOUS TRANSPORTATION EQUIPMENT INCLUDING MOTOR HOMES— SIC 379,3716				
1978	14.0	-	-	-
1979	9.0	247.51	34.6	7.15
1980	6.3	252.04	35.7	7.06
1981	8.1	299.94	36.4	8.24
INSTRUMENTS AND RELATED PRODUCTS — SIC 38				
1977	10.8	203.70	39.4	5.17
1978	12.1	212.18	38.3	5.54
1979	12.5	227.56	38.7	5.88
1980	12.2	261.49	39.8	6.57
1981	12.1	287.89	39.6	7.27
MISC. MANUFACTURING INDUSTRIES — SIC 39				
1977	9.9	188.40	40.0	4.71
1978	10.2	213.09	40.9	5.21
1979	9.8	232.62	41.2	5.65
1980	9.1	250.51	41.0	6.11
1981	8.6	280.26	40.5	6.92
NONDURABLE GOODS				
1977	165.6	231.18	40.7	5.68
1978	169.0	249.69	41.0	6.09
1979	168.4	269.54	40.6	6.64
1980	160.3	294.26	40.2	7.32
1981	160.8	320.80	40.2	7.98
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	38.9	234.19	40.8	5.74
1978	38.9	259.58	41.6	6.24
1979	38.5	276.34	41.0	6.74
1980	37.8	294.74	40.1	7.35
1981	37.7	323.61	40.2	8.05
PRESERVED FRUITS AND VEGETABLES — SIC 203				
1977	5.2	157.80	38.3	4.12
1978	5.4	183.88	39.8	4.62
1979	5.5	201.63	39.7	5.09
1980	5.4	220.34	39.7	5.55
1981	5.8	241.86	39.2	6.17
TEXTILES, AND APPAREL — SIC 22,23				
1977	13.6	133.96	36.6	3.66
1978	13.0	141.66	36.7	3.86
1979	12.1	154.46	36.2	4.26
1980	11.2	171.12	36.8	4.65
1981	11.1	185.61	36.9	5.03
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	14.8	236.18	42.1	5.61
1978	15.0	258.03	42.3	6.10
1979	14.4	279.36	42.2	6.62
1980	13.7	311.28	42.7	7.29
1981	13.6	330.17	41.9	7.88

See footnotes at end of tables.

INDIANA

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE[1] (Con.)				
PRINTING AND PUBLISHING — SIC 27				
1977	29.8	235.16	38.3	6.14
1978	30.9	250.38	39.0	6.42
1979	31.1	267.70	38.7	6.86
1980	30.6	281.22	37.9	7.42
1981	30.9	293.90	36.6	8.03
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	26.7	291.89	43.5	6.71
1978	27.4	313.05	43.6	7.18
1979	28.5	340.48	43.5	7.83
1980	29.0	379.32	43.5	8.72
1981	29.7	408.53	43.6	9.37
DRUGS — SIC 283				
1977	15.6	278.63	43.4	6.42
1978	15.9	294.36	44.0	6.69
1979	16.6	321.32	43.3	7.42
1980	17.0	367.55	43.6	8.43
1981	17.5	389.38	43.8	8.89
PETROLEUM AND COAL PRODUCTS — SIC 29				
1977	4.5	371.07	44.6	8.32
1978	4.4	403.19	44.7	9.02
1979	4.5	439.89	44.3	9.93
1980	4.4	444.37	42.2	10.53
1981	4.7	484.15	42.1	11.50
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS — SIC 30				
1977	34.7	220.48	41.6	5.30
1978	36.7	234.18	41.5	5.65
1979	36.6	250.02	40.5	6.18
1980	31.1	274.51	39.9	6.88
1981	30.8	301.72	40.5	7.45
MISCELLANEOUS PLASTICS PRODUCTS — SIC 307				
1977	20.9	193.23	41.2	4.69
1978	22.8	209.25	41.6	5.03
1979	23.1	226.63	41.0	5.53
1980	20.0	252.13	40.6	6.21
1981	20.0	277.57	41.0	6.77
TRANSPORTATION AND PUBLIC UTILITIES				
1977	105.6	-	-	-
1978	109.0	-	-	-
1979	111.8	-	-	-
1980	105.0	-	-	-
1981	103.5	-	-	-
TRANSPORTATION — SIC 40-42,44-47				
1977	60.0	-	-	-
1978	62.4	-	-	-
1979	63.4	-	-	-
1980	58.0	-	-	-
1981	55.1	-	-	-
TRUCKING AND WAREHOUSING — SIC 42				
1977	35.8	-	-	-
1978	38.2	-	-	-
1979	39.1	-	-	-
1980	34.9	-	-	-
1981	33.1	-	-	-
COMMUNICATION — SIC 48				
1977	23.7	-	-	-
1978	24.2	-	-	-
1979	25.4	-	-	-
1980	25.7	-	-	-
1981	25.0	-	-	-
ELECTRIC, GAS, AND SANITARY SERVICES — SIC 49				
1977	21.9	-	-	-
1978	22.4	-	-	-
1979	23.0	-	-	-
1980	21.3	-	-	-
1981	23.5	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE[1] (Con.)				
WHOLESALE AND RETAIL TRADE				
1977	459.3	-	-	-
1978	482.3	-	-	-
1979	494.4	-	-	-
1980	478.2	-	-	-
1981	469.0	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	102.1	-	-	-
1978	106.1	-	-	-
1979	110.2	-	-	-
1980	107.2	-	-	-
1981	104.4	-	-	-
RETAIL TRADE — SIC 52-59				
1977	357.2	-	-	-
1978	376.3	-	-	-
1979	384.2	-	-	-
1980	371.0	-	-	-
1981	364.6	-	-	-
GENERAL MERCHANDISE STORES — SIC 53				
1977	56.8	-	-	-
1978	59.5	-	-	-
1979	58.4	-	-	-
1980	54.2	-	-	-
1981	52.7	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	94.0	-	-	-
1978	97.5	-	-	-
1979	101.3	-	-	-
1980	101.9	-	-	-
1981	101.3	-	-	-
SERVICES				
1977	299.8	-	-	-
1978	316.7	-	-	-
1979	331.7	-	-	-
1980	337.1	-	-	-
1981	341.0	-	-	-
GOVERNMENT				
1977	342.0	-	-	-
1978	349.1	-	-	-
1979	347.6	-	-	-
1980	355.2	-	-	-
1981	347.4	-	-	-
STATE AND LOCAL EDUCATION — SIC 82,941				
1977	158.0	-	-	-
1978	155.9	-	-	-
1979	162.7	-	-	-
1980	167.2	-	-	-
1981	163.4	-	-	-
ANDERSON[2]				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	52.2	-	-	-
1978	53.3	-	-	-
1979	52.6	-	-	-
1980	46.3	-	-	-
1981	45.8	-	-	-
CONSTRUCTION				
1977	1.1	-	-	-
1978	1.3	-	-	-
1979	1.5	-	-	-
1980	1.1	-	-	-
1981	1.0	-	-	-
MANUFACTURING				
1977	25.9	-	-	-
1978	25.9	-	-	-
1979	24.5	-	-	-
1980	19.7	-	-	-
1981	19.8	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
ANDERSON[2] (Con.)				
DURABLE GOODS				
1977	24.1	-	-	-
1978	24.0	-	-	-
1979	22.6	-	-	-
1980	17.9	-	-	-
1981	18.0	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	1.4	-	-	-
1978	1.5	-	-	-
1979	1.5	-	-	-
1980	1.4	-	-	-
1981	1.3	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	9.9	-	-	-
1978	10.5	-	-	-
1979	10.4	-	-	-
1980	9.5	-	-	-
1981	9.3	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	1.0	-	-	-
1978	1.2	-	-	-
1979	1.3	-	-	-
1980	1.2	-	-	-
1981	1.2	-	-	-
RETAIL TRADE — SIC 52-59				
1977	8.9	-	-	-
1978	9.3	-	-	-
1979	9.1	-	-	-
1980	8.3	-	-	-
1981	8.1	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	1.6	-	-	-
1978	1.7	-	-	-
1979	1.7	-	-	-
1980	1.6	-	-	-
1981	1.6	-	-	-
SERVICES AND MINING				
1977	6.5	-	-	-
1978	6.9	-	-	-
1979	7.3	-	-	-
1980	7.2	-	-	-
1981	7.2	-	-	-
GOVERNMENT				
1977	5.8	-	-	-
1978	5.5	-	-	-
1979	5.7	-	-	-
1980	5.8	-	-	-
1981	5.6	-	-	-
ELKHART[2]				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	73.8	-	-	-
1978	79.8	-	-	-
1979	76.1	-	-	-
1980	68.0	-	-	-
1981	67.8	-	-	-
CONSTRUCTION				
1978	2.7	-	-	-
1979	2.9	-	-	-
1980	2.2	-	-	-
1981	2.1	-	-	-
MANUFACTURING				
1977	41.5	-	-	-
1978	44.7	-	-	-
1979	39.9	-	-	-
1980	34.2	-	-	-
1981	34.4	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
ELKHART[1] (Con.)				
DURABLE GOODS				
1977	32.1	–	–	–
1978	34.5	–	–	–
1979	29.8	–	–	–
1980	24.6	–	–	–
1981	24.5	–	–	–
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	4.7	–	–	–
1978	5.0	–	–	–
1979	5.2	–	–	–
1980	4.6	–	–	–
1981	4.5	–	–	–
WOOD BUILDINGS AND MOBILE HOMES — SIC 245				
1977	3.0	–	–	–
1978	3.2	–	–	–
1979	3.5	–	–	–
1980	3.2	–	–	–
1981	3.0	–	–	–
FURNITURE AND FIXTURES — SIC 25				
1977	1.7	–	–	–
1978	1.9	–	–	–
1979	1.7	–	–	–
1980	1.5	–	–	–
1981	1.3	–	–	–
FABRICATED METAL PRODUCTS — SIC 34				
1977	4.7	–	–	–
1978	5.1	–	–	–
1979	4.7	–	–	–
1980	3.9	–	–	–
1981	3.8	–	–	–
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	2.1	–	–	–
1978	2.0	–	–	–
1979	2.2	–	–	–
1980	2.0	–	–	–
1981	1.9	–	–	–
TRANSPORTATION EQUIPMENT — SIC 37				
1977	11.9	–	–	–
1978	13.0	–	–	–
1979	8.9	–	–	–
1980	6.2	–	–	–
1981	6.7	–	–	–
MISC. MANUFACTURING INDUSTRIES — SIC 39				
1977	1.7	–	–	–
1978	1.8	–	–	–
1979	1.7	–	–	–
1980	1.7	–	–	–
1981	1.7	–	–	–
NONDURABLE GOODS				
1977	9.4	–	–	–
1978	10.2	–	–	–
1979	10.1	–	–	–
1980	9.6	–	–	–
1981	9.9	–	–	–
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	.9	–	–	–
1978	1.1	–	–	–
1979	1.1	–	–	–
1980	1.1	–	–	–
1981	1.2	–	–	–
TEXTILES, AND APPAREL — SIC 22,23				
1977	1.1	–	–	–
1978	1.2	–	–	–
1979	.9	–	–	–
1980	.6	–	–	–
1981	.7	–	–	–
ELKHART[1] (Con.)				
PRINTING AND PUBLISHING — SIC 27				
1977	0.7	–	–	–
1978	.7	–	–	–
1979	.7	–	–	–
1980	.7	–	–	–
1981	.7	–	–	–
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS — SIC 30				
1977	2.8	–	–	–
1978	3.2	–	–	–
1979	3.2	–	–	–
1980	2.9	–	–	–
1981	3.0	–	–	–
TRANSPORTATION AND PUBLIC UTILITIES				
1977	2.2	–	–	–
1978	2.3	–	–	–
1979	2.5	–	–	–
1980	2.1	–	–	–
1981	2.1	–	–	–
WHOLESALE AND RETAIL TRADE				
1977	13.4	–	–	–
1978	14.7	–	–	–
1979	14.8	–	–	–
1980	13.4	–	–	–
1981	13.1	–	–	–
WHOLESALE TRADE — SIC 50,51				
1977	3.7	–	–	–
1978	4.2	–	–	–
1979	4.3	–	–	–
1980	3.8	–	–	–
1981	3.8	–	–	–
RETAIL TRADE — SIC 52–59				
1977	9.7	–	–	–
1978	10.5	–	–	–
1979	10.5	–	–	–
1980	9.6	–	–	–
1981	9.3	–	–	–
FINANCE, INSURANCE, AND REAL ESTATE				
1977	1.8	–	–	–
1978	1.9	–	–	–
1979	2.1	–	–	–
1980	2.1	–	–	–
1981	2.2	–	–	–
SERVICES				
1977	7.9	–	–	–
1978	8.5	–	–	–
1979	8.9	–	–	–
1980	8.9	–	–	–
1981	8.9	–	–	–
GOVERNMENT				
1977	4.6	–	–	–
1978	5.0	–	–	–
1979	5.0	–	–	–
1980	5.1	–	–	–
1981	5.0	–	–	–
EVANSVILLE[1]				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	120.1	–	–	–
1978	128.4	–	–	–
1979	131.4	–	–	–
1980	128.3	–	–	–
1981	126.6	–	–	–
MINING				
1977	2.4	–	–	–
1978	2.4	–	–	–
1979	2.9	–	–	–
1980	2.9	–	–	–
1981	2.6	–	–	–
EVANSVILLE[1] (Con.)				
CONSTRUCTION				
1977	6.8	–	–	–
1978	8.4	–	–	–
1979	8.7	–	–	–
1980	7.2	–	–	–
1981	6.8	–	–	–
MANUFACTURING				
1977	37.8	–	–	–
1978	39.7	–	–	–
1979	39.0	–	–	–
1980	36.9	–	–	–
1981	36.2	–	–	–
DURABLE GOODS				
1977	23.7	–	–	–
1978	25.1	–	–	–
1979	24.2	–	–	–
1980	22.6	–	–	–
1981	22.3	–	–	–
FURNITURE AND FIXTURES — SIC 25				
1977	1.9	–	–	–
1978	2.1	–	–	–
1979	2.0	–	–	–
1980	1.9	–	–	–
1981	1.9	–	–	–
FABRICATED METAL PRODUCTS — SIC 34				
1977	4.0	–	–	–
1978	3.6	–	–	–
1979	3.1	–	–	–
1980	2.8	–	–	–
1981	2.5	–	–	–
MACHINERY — SIC 35,36				
1977	9.5	–	–	–
1978	10.6	–	–	–
1979	10.3	–	–	–
1980	9.4	–	–	–
1981	9.3	–	–	–
REFRIGERATION AND SERVICE MACHINERY, AND HOUSEHOLD APPLIANCES — SIC 358,363				
1977	7.4	–	–	–
1978	8.4	–	–	–
1979	8.1	–	–	–
1980	7.6	–	–	–
1981	7.8	–	–	–
NONDURABLE GOODS				
1977	14.1	–	–	–
1978	14.6	–	–	–
1979	14.8	–	–	–
1980	14.3	–	–	–
1981	13.9	–	–	–
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	2.9	–	–	–
1978	3.0	–	–	–
1979	3.1	–	–	–
1980	3.1	–	–	–
1981	3.0	–	–	–
TEXTILES, AND APPAREL — SIC 22,23				
1977	1.3	–	–	–
1978	1.1	–	–	–
1979	1.1	–	–	–
1980	1.0	–	–	–
1981	.7	–	–	–
PRINTING AND PUBLISHING — SIC 27				
1977	1.8	–	–	–
1978	2.0	–	–	–
1979	2.1	–	–	–
1980	1.9	–	–	–
1981	1.8	–	–	–

See footnotes at end of tables.

INDIANA

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
EVANSVILLE[2] (Con.)				
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS — SIC 30				
1977	3.8	-	-	-
1978	4.0	-	-	-
1979	3.8	-	-	-
1980	3.6	-	-	-
1981	3.5	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	6.4	-	-	-
1978	6.8	-	-	-
1979	7.1	-	-	-
1980	7.2	-	-	-
1981	7.1	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	28.6	-	-	-
1978	30.5	-	-	-
1979	31.7	-	-	-
1980	30.8	-	-	-
1981	31.0	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	7.0	-	-	-
1978	7.4	-	-	-
1979	8.0	-	-	-
1980	7.8	-	-	-
1981	7.9	-	-	-
RETAIL TRADE — SIC 52-59				
1977	21.6	-	-	-
1978	23.1	-	-	-
1979	23.7	-	-	-
1980	23.0	-	-	-
1981	23.1	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	4.0	-	-	-
1978	4.3	-	-	-
1979	4.5	-	-	-
1980	4.6	-	-	-
1981	4.7	-	-	-
SERVICES				
1977	21.9	-	-	-
1978	23.7	-	-	-
1979	24.6	-	-	-
1980	25.5	-	-	-
1981	25.4	-	-	-
GOVERNMENT				
1977	12.2	-	-	-
1978	12.6	-	-	-
1979	12.9	-	-	-
1980	13.2	-	-	-
1981	12.8	-	-	-
FORT WAYNE[3]				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	166.8	-	-	-
1978	177.7	-	-	-
1979	181.9	-	-	-
1980	172.8	-	-	-
1981	171.5	-	-	-
CONSTRUCTION				
1977	6.8	-	-	-
1978	7.9	-	-	-
1979	8.5	-	-	-
1980	8.2	-	-	-
1981	7.7	-	-	-
MANUFACTURING				
1977	59.5	-	-	-
1978	61.7	-	-	-
1979	61.2	-	-	-
1980	53.1	-	-	-
1981	53.5	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
FORT WAYNE[3] (Con.)				
DURABLE GOODS				
1977	47.0	-	-	-
1978	48.8	-	-	-
1979	48.2	-	-	-
1980	41.0	-	-	-
1981	41.5	-	-	-
PRIMARY METAL INDUSTRIES — SIC 33				
1977	4.7	-	-	-
1978	4.7	-	-	-
1979	4.8	-	-	-
1980	4.5	-	-	-
1981	4.4	-	-	-
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	6.8	-	-	-
1978	7.1	-	-	-
1979	7.6	-	-	-
1980	6.7	-	-	-
1981	6.4	-	-	-
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	13.5	-	-	-
1978	13.9	-	-	-
1979	13.4	-	-	-
1980	12.1	-	-	-
1981	12.7	-	-	-
TRANSPORTATION EQUIPMENT — SIC 37				
1977	15.2	-	-	-
1978	15.7	-	-	-
1979	14.8	-	-	-
1980	10.8	-	-	-
1981	11.1	-	-	-
NONDURABLE GOODS				
1977	12.5	-	-	-
1978	12.9	-	-	-
1979	13.0	-	-	-
1980	12.1	-	-	-
1981	12.0	-	-	-
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	4.3	-	-	-
1978	4.6	-	-	-
1979	4.6	-	-	-
1980	4.3	-	-	-
1981	4.2	-	-	-
PRINTING AND PUBLISHING — SIC 27				
1977	1.7	-	-	-
1978	1.7	-	-	-
1979	1.7	-	-	-
1980	1.6	-	-	-
1981	1.6	-	-	-
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS — SIC 30				
1977	4.7	-	-	-
1978	4.8	-	-	-
1979	4.9	-	-	-
1980	4.5	-	-	-
1981	4.5	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	10.5	-	-	-
1978	10.9	-	-	-
1979	11.7	-	-	-
1980	11.0	-	-	-
1981	10.9	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	39.2	-	-	-
1978	42.4	-	-	-
1979	43.4	-	-	-
1980	42.4	-	-	-
1981	41.9	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
FORT WAYNE[3] (Con.)				
WHOLESALE TRADE — SIC 50,51				
1977	10.4	-	-	-
1978	11.2	-	-	-
1979	12.0	-	-	-
1980	11.9	-	-	-
1981	11.6	-	-	-
RETAIL TRADE — SIC 52-59				
1977	28.8	-	-	-
1978	31.2	-	-	-
1979	31.4	-	-	-
1980	30.5	-	-	-
1981	30.3	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	9.2	-	-	-
1978	9.9	-	-	-
1979	10.5	-	-	-
1980	10.6	-	-	-
1981	10.6	-	-	-
SERVICES AND MINING				
1977	25.2	-	-	-
1978	27.1	-	-	-
1979	28.6	-	-	-
1980	29.0	-	-	-
1981	29.0	-	-	-
GOVERNMENT				
1977	16.4	-	-	-
1978	17.8	-	-	-
1979	18.0	-	-	-
1980	18.5	-	-	-
1981	17.9	-	-	-
GARY-HAMMOND-EAST CHICAGO[3,1]				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	249.4	-	-	-
1978	258.0	-	-	-
1979	267.8	-	-	-
1980	253.1	-	-	-
1981	249.3	-	-	-
CONSTRUCTION				
1977	15.2	-	-	-
1978	16.9	-	-	-
1979	18.7	-	-	-
1980	15.3	-	-	-
1981	14.6	-	-	-
MANUFACTURING				
1977	100.1	344.81	41.0	8.41
1978	102.6	395.12	41.9	9.43
1979	103.8	423.95	41.2	10.29
1980	93.6	444.43	39.4	11.28
1981	90.7	505.85	40.5	12.49
DURABLE GOODS				
1977	87.7	350.17	41.1	8.52
1978	90.0	403.37	41.8	9.65
1979	91.2	432.60	41.2	10.50
1980	81.3	455.13	40.6	11.21
1981	78.8	516.38	40.5	12.75
PRIMARY METAL INDUSTRIES — SIC 33				
1977	68.5	359.63	41.1	8.75
1978	70.6	414.50	41.7	9.94
1979	71.2	449.90	41.2	10.92
1980	64.6	468.74	38.9	12.05
1981	65.4	535.99	40.3	13.30
BLAST FURNACE AND BASIC STEEL PRODUCTS — SIC 331				
1977	63.6	-	-	-
1978	65.7	-	-	-
1979	66.6	-	-	-
1980	60.6	-	-	-
1981	61.8	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
GARY-HAMMOND-EAST CHICAGO[2, 3] (Con.)				
FABRICATED METAL PRODUCTS — SIC 34				
1977	7.6	349.84	42.2	8.29
1978	7.3	387.94	43.2	8.98
1979	7.1	388.16	42.1	9.22
1980	5.4	414.96	42.0	9.88
1981	4.3	440.91	41.4	10.65
TRANSPORTATION EQUIPMENT — SIC 37				
1977	3.7	297.05	41.2	7.21
1978	4.5	340.98	42.2	8.08
1979	5.3	360.8[illegible]	40.5	8.91
1980	4.7	415.17	41.6	9.98
1981	2.8	400.90	40.7	9.85
NONDURABLE GOODS				
1977	12.4	312.75	41.7	7.50
1978	12.6	330.64	41.8	7.91
1979	12.6	362.90	42.1	8.62
1980	12.3	374.74	40.6	9.23
1981	11.9	434.51	41.7	10.42
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	2.1	286.75	41.8	6.86
1978	2.2	300.04	42.2	7.11
1979	2.2	312.35	40.2	7.77
1980	2.1	355.88	41.0	8.68
1981	2.1	437.62	43.2	10.13
PRINTING AND PUBLISHING — SIC 27				
1977	1.9	251.66	34.1	7.38
1978	2.0	258.06	34.0	7.59
1979	2.0	292.05	36.1	8.09
1980	1.9	287.42	31.9	9.01
1981	1.7	306.84	31.6	9.71
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	2.7	355.40	43.5	8.17
1978	2.8	384.07	43.3	8.87
1979	2.9	418.53	45.1	9.28
1980	3.0	445.74	43.7	10.20
1981	2.6	512.16	44.0	11.64
PETROLEUM AND COAL PRODUCTS — SIC 29				
1977	3.3	389.40	44.3	8.79
1978	3.2	418.75	44.5	9.41
1979	3.2	462.20	44.4	10.41
1980	3.1	450.58	41.3	10.92
1981	3.2	514.11	41.9	12.27
TRANSPORTATION AND PUBLIC UTILITIES				
1977	14.5	-	-	-
1978	15.0	-	-	-
1979	15.8	-	-	-
1980	13.2	-	-	-
1981	14.3	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	47.3	-	-	-
1978	50.2	-	-	-
1979	52.4	-	-	-
1980	52.0	-	-	-
1981	51.2	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	6.9	-	-	-
1978	7.3	-	-	-
1979	8.2	-	-	-
1980	8.2	-	-	-
1981	8.1	-	-	-
RETAIL TRADE — SIC 52-59				
1977	40.4	-	-	-
1978	42.9	-	-	-
1979	45.2	-	-	-
1980	43.8	-	-	-
1981	43.1	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
GARY-HAMMOND-EAST CHICAGO[2, 3] (Con.)				
FINANCE, INSURANCE, AND REAL ESTATE				
1977	8.5	-	-	-
1978	9.0	-	-	-
1979	9.6	-	-	-
1980	9.4	-	-	-
1981	9.2	-	-	-
SERVICES AND MINING				
1977	32.4	-	-	-
1978	33.7	-	-	-
1979	35.8	-	-	-
1980	36.9	-	-	-
1981	37.5	-	-	-
GOVERNMENT				
1977	31.4	-	-	-
1978	30.6	-	-	-
1979	30.7	-	-	-
1980	32.7	-	-	-
1981	31.8	-	-	-
INDIANAPOLIS[3]				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	485.7	-	-	-
1978	517.0	-	-	-
1979	537.3	-	-	-
1980	525.2	-	-	-
1981	531.8	-	-	-
CONSTRUCTION				
1977	19.0	-	-	-
1978	21.8	-	-	-
1979	25.0	-	-	-
1980	23.4	-	-	-
1981	22.3	-	-	-
MANUFACTURING				
1977	124.4	282.15	41.8	6.75
1978	131.1	297.20	41.8	7.11
1979	132.3	315.70	41.0	7.70
1980	123.3	338.96	40.4	8.39
1981	122.4	375.96	40.6	9.26
DURABLE GOODS				
1977	87.6	295.10	42.4	6.96
1978	93.7	310.57	41.8	7.43
1979	94.4	328.42	40.9	8.03
1980	86.4	348.87	40.1	8.70
1981	85.5	389.61	40.5	9.62
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	2.8	-	-	-
1978	2.9	-	-	-
1979	2.9	-	-	-
1980	2.5	-	-	-
1981	2.5	-	-	-
PRIMARY METAL INDUSTRIES — SIC 33				
1977	3.7	326.66	42.7	7.65
1978	3.8	335.40	43.0	7.80
1979	3.5	323.33	41.4	7.81
1980	3.0	330.48	40.7	8.12
1981	2.9	352.23	41.1	8.57
FABRICATED METAL PRODUCTS — SIC 34				
1977	9.6	228.74	40.2	5.69
1978	10.4	243.01	40.1	6.06
1979	11.0	270.58	39.5	6.85
1980	10.2	263.42	39.2	6.72
1981	10.2	280.89	40.3	6.97
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	15.5	246.10	41.5	5.93
1978	16.4	279.12	42.1	6.63
1979	16.5	308.06	42.2	7.30
1980	15.6	318.35	40.4	7.88
1981	15.6	348.91	41.0	8.51

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
INDIANAPOLIS[2] (Con.)				
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	-	249.08	40.5	6.15
1978	-	250.49	39.2	6.39
1979	-	278.64	39.3	7.09
1980	-	302.62	39.2	7.72
1981	-	334.57	39.5	8.47
TRANSPORTATION EQUIPMENT — SIC 37				
1977	31.8	384.34	44.9	8.56
1978	34.3	404.12	43.5	9.29
1979	33.4	422.42	41.7	10.13
1980	28.6	469.61	40.8	11.51
1981	28.6	528.55	41.1	12.86
MOTOR VEHICLES AND EQUIPMENT — SIC 371				
1977	18.8	-	-	-
1978	19.3	-	-	-
1979	17.8	-	-	-
1980	12.5	-	-	-
1981	11.9	-	-	-
NONDURABLE GOODS				
1977	36.8	243.17	40.8	5.96
1978	37.4	257.07	41.8	6.15
1979	37.9	277.01	41.1	6.74
1980	36.9	309.67	40.8	7.59
1981	36.9	339.48	41.0	8.28
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	8.1	227.26	40.8	5.57
1978	8.1	242.94	41.6	5.84
1979	8.2	264.27	41.1	6.43
1980	7.8	275.92	39.7	6.95
1981	7.8	353.38	40.9	8.64
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	3.7	213.21	41.4	5.15
1978	3.7	235.50	41.1	5.73
1979	3.0	249.28	41.0	6.08
1980	3.0	263.22	41.0	6.42
1981	2.9	287.04	41.3	6.95
PRINTING AND PUBLISHING — SIC 27				
1977	9.1	245.50	38.6	6.36
1978	9.2	247.95	39.8	6.23
1979	9.8	270.14	40.2	6.72
1980	9.5	297.99	38.5	7.74
1981	9.5	316.03	37.4	8.45
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	10.2	274.12	43.1	6.36
1978	10.3	283.40	43.6	6.50
1979	10.5	305.73	43.0	7.11
1980	10.7	370.16	43.6	8.49
1981	10.8	387.20	44.0	8.80
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS — SIC 30				
1977	3.8	-	-	-
1978	4.1	-	-	-
1979	4.5	-	-	-
1980	4.1	-	-	-
1981	4.1	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	29.4	-	-	-
1978	30.9	-	-	-
1979	31.9	-	-	-
1980	31.4	-	-	-
1981	31.1	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	118.9	-	-	-
1978	127.0	-	-	-
1979	133.6	-	-	-
1980	132.4	-	-	-
1981	132.5	-	-	-

See footnotes at end of tables.

INDIANA

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
INDIANAPOLIS[2] (Con.)				
WHOLESALE TRADE — SIC 50,51				
1977	31.1	-	-	-
1978	33.9	-	-	-
1979	37.1	-	-	-
1980	37.1	-	-	-
1981	37.2	-	-	-
RETAIL TRADE — SIC 52-59				
1977	87.8	-	-	-
1978	93.1	-	-	-
1979	96.5	-	-	-
1980	95.3	-	-	-
1981	95.3	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	34.1	-	-	-
1978	35.7	-	-	-
1979	37.8	-	-	-
1980	38.4	-	-	-
1981	38.7	-	-	-
SERVICES AND MINING				
1977	75.9	-	-	-
1978	83.0	-	-	-
1979	90.2	-	-	-
1980	94.9	-	-	-
1981	97.2	-	-	-
GOVERNMENT				
1977	84.0	-	-	-
1978	87.5	-	-	-
1979	86.5	-	-	-
1980	89.4	-	-	-
1981	87.6	-	-	-
LAFAYETTE-WEST LAFAYETTE[3]				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	53.7	-	-	-
1978	56.0	-	-	-
1979	57.6	-	-	-
1980	56.8	-	-	-
1981	57.0	-	-	-
CONSTRUCTION				
1977	2.2	-	-	-
1978	1.9	-	-	-
1979	2.3	-	-	-
1980	2.3	-	-	-
1981	2.6	-	-	-
MANUFACTURING				
1977	11.5	-	-	-
1978	12.5	-	-	-
1979	12.6	-	-	-
1980	11.6	-	-	-
1981	11.2	-	-	-
DURABLE GOODS				
1977	7.8	-	-	-
1978	8.2	-	-	-
1979	8.1	-	-	-
1980	7.3	-	-	-
1981	6.8	-	-	-
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	1.1	-	-	-
1978	1.2	-	-	-
1979	1.1	-	-	-
1980	.8	-	-	-
1981	.7	-	-	-
NONDURABLE GOODS				
1977	3.7	-	-	-
1978	4.3	-	-	-
1979	4.5	-	-	-
1980	4.3	-	-	-
1981	4.4	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
LAFAYETTE-WEST LAFAYETTE[3] (Con.)				
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	1.3	-	-	-
1978	1.7	-	-	-
1979	1.7	-	-	-
1980	1.6	-	-	-
1981	1.7	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	1.5	-	-	-
1978	1.6	-	-	-
1979	1.6	-	-	-
1980	1.5	-	-	-
1981	1.4	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	10.6	-	-	-
1978	11.3	-	-	-
1979	11.4	-	-	-
1980	11.0	-	-	-
1981	11.0	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	1.6	-	-	-
1978	1.7	-	-	-
1979	1.7	-	-	-
1980	1.7	-	-	-
1981	1.7	-	-	-
RETAIL TRADE — SIC 52-59				
1977	9.0	-	-	-
1978	9.6	-	-	-
1979	9.7	-	-	-
1980	9.3	-	-	-
1981	9.3	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	2.6	-	-	-
1978	2.7	-	-	-
1979	2.8	-	-	-
1980	2.6	-	-	-
1981	2.5	-	-	-
SERVICES AND MINING				
1977	7.8	-	-	-
1978	8.4	-	-	-
1979	8.9	-	-	-
1980	9.2	-	-	-
1981	9.4	-	-	-
GOVERNMENT				
1977	17.5	-	-	-
1978	17.6	-	-	-
1979	18.0	-	-	-
1980	18.6	-	-	-
1981	18.9	-	-	-
MUNCIE[3]				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	48.9	-	-	-
1978	49.3	-	-	-
1979	50.8	-	-	-
1980	49.3	-	-	-
1981	48.6	-	-	-
CONSTRUCTION				
1977	2.0	-	-	-
1978	1.9	-	-	-
1979	1.9	-	-	-
1980	1.6	-	-	-
1981	1.3	-	-	-
MANUFACTURING				
1977	14.9	-	-	-
1978	14.4	-	-	-
1979	14.8	-	-	-
1980	13.3	-	-	-
1981	12.5	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
MUNCIE[3] (Con.)				
DURABLE GOODS				
1977	12.0	-	-	-
1978	12.2	-	-	-
1979	12.9	-	-	-
1980	11.5	-	-	-
1981	10.7	-	-	-
PRIMARY METAL INDUSTRIES — SIC 33				
1977	1.2	-	-	-
1978	1.3	-	-	-
1979	1.4	-	-	-
1980	1.1	-	-	-
1981	1.0	-	-	-
FABRICATED METAL PRODUCTS — SIC 34				
1977	2.2	-	-	-
1978	2.1	-	-	-
1979	2.3	-	-	-
1980	2.1	-	-	-
1981	1.8	-	-	-
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	1.2	-	-	-
1978	1.1	-	-	-
1979	1.1	-	-	-
1980	1.1	-	-	-
1981	1.0	-	-	-
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	2.3	-	-	-
1978	2.0	-	-	-
1979	1.9	-	-	-
1980	1.9	-	-	-
1981	1.8	-	-	-
TRANSPORTATION EQUIPMENT — SIC 37				
1977	4.4	-	-	-
1978	4.9	-	-	-
1979	5.4	-	-	-
1980	4.6	-	-	-
1981	4.4	-	-	-
NONDURABLE GOODS				
1977	2.9	-	-	-
1978	2.2	-	-	-
1979	1.9	-	-	-
1980	1.8	-	-	-
1981	1.8	-	-	-
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	1.5	-	-	-
1978	.9	-	-	-
1979	.6	-	-	-
1980	.6	-	-	-
1981	.6	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	2.0	-	-	-
1978	2.0	-	-	-
1979	2.1	-	-	-
1980	2.0	-	-	-
1981	2.0	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	11.1	-	-	-
1978	11.6	-	-	-
1979	12.0	-	-	-
1980	12.1	-	-	-
1981	12.3	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	1.7	-	-	-
1978	1.8	-	-	-
1979	1.9	-	-	-
1980	1.9	-	-	-
1981	2.0	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Production or nonsupervisory workers: Average weekly hours	Production or nonsupervisory workers: Average hourly earnings (dollars)
MUNCIE[1] (Con.)				
RETAIL TRADE — SIC 52-59				
1977	9.4	-	-	-
1978	9.8	-	-	-
1979	10.1	-	-	-
1980	10.2	-	-	-
1981	10.3	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	1.5	-	-	-
1978	1.6	-	-	-
1979	1.6	-	-	-
1980	1.6	-	-	-
1981	1.5	-	-	-
SERVICES AND MINING				
1977	7.0	-	-	-
1978	7.3	-	-	-
1979	7.7	-	-	-
1980	8.0	-	-	-
1981	8.3	-	-	-
GOVERNMENT				
1977	10.4	-	-	-
1978	10.5	-	-	-
1979	10.7	-	-	-
1980	10.7	-	-	-
1981	10.7	-	-	-
SOUTH BEND[2]				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	107.6	-	-	-
1978	113.7	-	-	-
1979	116.6	-	-	-
1980	109.7	-	-	-
1981	106.6	-	-	-
CONSTRUCTION				
1977	4.7	-	-	-
1978	5.0	-	-	-
1979	5.8	-	-	-
1980	4.7	-	-	-
1981	4.4	-	-	-
MANUFACTURING				
1977	33.3	-	-	-
1978	34.6	-	-	-
1979	34.6	-	-	-
1980	31.0	-	-	-
1981	30.5	-	-	-
DURABLE GOODS				
1977	25.0	-	-	-
1978	26.1	-	-	-
1979	26.3	-	-	-
1980	23.4	-	-	-
1981	23.0	-	-	-
PRIMARY METAL INDUSTRIES — SIC 33				
1977	1.3	-	-	-
1978	1.5	-	-	-
1979	1.5	-	-	-
1980	1.2	-	-	-
1981	1.3	-	-	-
FABRICATED METAL PRODUCTS — SIC 34				
1977	1.8	-	-	-
1978	2.4	-	-	-
1979	2.6	-	-	-
1980	2.0	-	-	-
1981	1.9	-	-	-
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	7.7	-	-	-
1978	7.9	-	-	-
1979	8.7	-	-	-
1980	8.2	-	-	-
1981	7.8	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Production or nonsupervisory workers: Average weekly hours	Production or nonsupervisory workers: Average hourly earnings (dollars)
SOUTH BEND[2] (Con.)				
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	2.4	-	-	-
1978	2.5	-	-	-
1979	2.3	-	-	-
1980	2.2	-	-	-
1981	2.2	-	-	-
TRANSPORTATION EQUIPMENT — SIC 37				
1977	9.9	-	-	-
1978	9.9	-	-	-
1979	9.2	-	-	-
1980	8.1	-	-	-
1981	8.2	-	-	-
NONDURABLE GOODS				
1977	8.3	-	-	-
1978	8.5	-	-	-
1979	8.3	-	-	-
1980	7.6	-	-	-
1981	7.5	-	-	-
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	1.1	-	-	-
1978	1.2	-	-	-
1979	1.2	-	-	-
1980	1.2	-	-	-
1981	1.2	-	-	-
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	.5	-	-	-
1978	.4	-	-	-
1979	.4	-	-	-
1980	.4	-	-	-
1981	.3	-	-	-
PRINTING AND PUBLISHING — SIC 27				
1977	1.1	-	-	-
1978	1.1	-	-	-
1979	1.1	-	-	-
1980	1.1	-	-	-
1981	1.1	-	-	-
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS — SIC 30				
1978	4.3	-	-	-
1979	4.1	-	-	-
1980	3.7	-	-	-
1981	3.6	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	5.1	-	-	-
1978	5.3	-	-	-
1979	5.3	-	-	-
1980	4.5	-	-	-
1981	4.5	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	25.4	-	-	-
1978	27.4	-	-	-
1979	28.7	-	-	-
1980	27.4	-	-	-
1981	25.7	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	6.4	-	-	-
1978	7.0	-	-	-
1979	7.5	-	-	-
1980	7.3	-	-	-
1981	7.2	-	-	-
RETAIL TRADE — SIC 52-59				
1977	19.0	-	-	-
1978	20.4	-	-	-
1979	21.2	-	-	-
1980	20.1	-	-	-
1981	18.5	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Production or nonsupervisory workers: Average weekly hours	Production or nonsupervisory workers: Average hourly earnings (dollars)
SOUTH BEND[2] (Con.)				
FINANCE, INSURANCE, AND REAL ESTATE				
1977	4.9	-	-	-
1978	5.2	-	-	-
1979	5.4	-	-	-
1980	5.4	-	-	-
1981	5.3	-	-	-
SERVICES AND MINING				
1977	22.3	-	-	-
1978	23.3	-	-	-
1979	24.1	-	-	-
1980	24.0	-	-	-
1981	23.5	-	-	-
GOVERNMENT				
1977	11.9	-	-	-
1978	12.9	-	-	-
1979	12.7	-	-	-
1980	12.7	-	-	-
1981	12.7	-	-	-
TERRE HAUTE[3]				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	60.6	-	-	-
1978	64.3	-	-	-
1979	67.0	-	-	-
1980	65.3	-	-	-
1981	61.3	-	-	-
MINING				
1977	1.1	-	-	-
1978	1.1	-	-	-
1979	1.4	-	-	-
1980	1.4	-	-	-
1981	1.2	-	-	-
CONSTRUCTION				
1977	2.1	-	-	-
1978	2.8	-	-	-
1979	3.8	-	-	-
1980	3.9	-	-	-
1981	3.3	-	-	-
MANUFACTURING				
1977	16.5	-	-	-
1978	17.4	-	-	-
1979	17.5	-	-	-
1980	16.1	-	-	-
1981	15.1	-	-	-
DURABLE GOODS				
1977	8.7	-	-	-
1978	9.5	-	-	-
1979	9.5	-	-	-
1980	8.4	-	-	-
1981	7.5	-	-	-
PRIMARY METAL INDUSTRIES — SIC 33				
1977	1.5	-	-	-
1978	1.6	-	-	-
1979	1.7	-	-	-
1980	1.5	-	-	-
1981	1.5	-	-	-
FABRICATED METAL PRODUCTS — SIC 34				
1977	1.0	-	-	-
1978	1.1	-	-	-
1979	1.1	-	-	-
1980	1.0	-	-	-
1981	.7	-	-	-
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	1.1	-	-	-
1978	1.2	-	-	-
1979	1.3	-	-	-
1980	1.3	-	-	-
1981	1.3	-	-	-

See footnotes at end of tables.

INDIANA

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
TERRE HAUTE[1] (Con.)				
NONDURABLE GOODS				
1977	7.8	-	-	-
1978	7.9	-	-	-
1979	8.0	-	-	-
1980	7.7	-	-	-
1981	7.6	-	-	-
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	1.6	-	-	-
1978	1.6	-	-	-
1979	1.3	-	-	-
1980	1.0	-	-	-
1981	.9	-	-	-
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	1.1	-	-	-
1978	1.1	-	-	-
1979	1.1	-	-	-
1980	1.1	-	-	-
1981	1.2	-	-	-
PRINTING AND PUBLISHING — SIC 27				
1977	1.5	-	-	-
1978	1.7	-	-	-
1979	1.7	-	-	-
1980	1.7	-	-	-
1981	1.5	-	-	-
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	2.2	-	-	-
1978	2.2	-	-	-
1979	2.6	-	-	-
1980	2.5	-	-	-
1981	2.6	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	4.1	-	-	-
1978	4.0	-	-	-
1979	3.8	-	-	-
1980	3.6	-	-	-
1981	3.4	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	14.8	-	-	-
1978	16.1	-	-	-
1979	17.1	-	-	-
1980	16.4	-	-	-
1981	15.1	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	2.8	-	-	-
1978	3.0	-	-	-
1979	3.2	-	-	-
1980	3.0	-	-	-
1981	2.7	-	-	-
RETAIL TRADE — SIC 52–59				
1977	12.0	-	-	-
1978	13.1	-	-	-
1979	13.9	-	-	-
1980	13.4	-	-	-
1981	12.4	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	2.0	-	-	-
1978	2.0	-	-	-
1979	2.1	-	-	-
1980	2.2	-	-	-
1981	2.1	-	-	-
SERVICES				
1977	8.6	-	-	-
1978	9.0	-	-	-
1979	9.4	-	-	-
1980	9.5	-	-	-
1981	9.4	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
TERRE HAUTE[1] (Con.)				
GOVERNMENT				
1977	11.4	-	-	-
1978	11.9	-	-	-
1979	11.9	-	-	-
1980	12.2	-	-	-
1981	11.7	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	1,079.2	-	-	-
1978	1,119.2	-	-	-
1979	1,131.7	-	-	-
1980	1,109.9	-	-	-
1981	1,090.1	-	-	-
TOTAL PRIVATE				
1977	-	190.25	36.1	5.27
1978	-	204.12	36.0	5.67
1979	-	225.06	36.3	6.20
1980	-	241.56	36.0	6.71
1981	-	256.26	35.2	7.28
MINING				
1977	2.5	256.00	46.8	5.47
1978	2.5	282.07	48.3	5.84
1979	2.6	308.64	48.3	6.39
1980	2.2	314.18	45.6	6.89
1981	1.9	331.36	44.9	7.38
CONSTRUCTION				
1977	57.6	324.86	37.9	8.57
1978	61.1	360.52	38.6	9.34
1979	59.9	383.94	39.5	9.72
1980	50.9	412.72	38.5	10.72
1981	45.3	438.53	38.4	11.42
MANUFACTURING				
1977	245.6	257.84	40.1	6.43
1978	252.5	281.50	40.1	7.02
1979	259.8	313.88	40.5	7.75
1980	244.8	343.33	39.6	8.67
1981	235.9	379.20	39.5	9.60
DURABLE GOODS				
1977	152.0	264.96	40.7	6.51
1978	157.2	288.75	40.9	7.06
1979	163.1	322.18	41.2	7.82
1980	150.0	349.27	40.1	8.71
1981	143.8	386.10	39.6	9.75
LUMBER, AND FURNITURE — SIC 24,25				
1977	9.6	207.05	38.7	5.35
1978	10.0	224.76	39.5	5.69
1979	10.2	231.99	37.0	6.27
1980	8.5	257.47	37.1	6.94
1981	8.3	289.15	38.4	7.53
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	7.6	264.31	42.7	6.19
1978	7.9	297.11	43.5	6.83
1979	7.8	319.59	43.6	7.33
1980	6.4	343.37	43.3	7.93
1981	5.4	363.72	42.0	8.66
PRIMARY METAL INDUSTRIES — SIC 33				
1977	8.1	310.55	42.6	7.29
1978	8.8	345.53	43.3	7.98
1979	9.2	380.18	43.8	8.68
1980	8.5	416.13	42.9	9.70
1981	8.4	457.74	42.7	10.72
FABRICATED METAL PRODUCTS — SIC 34				
1977	19.9	221.90	40.2	5.52
1978	20.2	245.78	39.9	6.16
1979	20.4	261.49	39.5	6.62
1980	19.3	276.90	39.5	7.01
1981	18.9	288.41	37.7	7.65
STATEWIDE (Con.)				
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	62.0	328.92	41.9	7.85
1978	64.3	349.03	41.9	8.33
1979	68.4	393.76	42.8	9.20
1980	64.9	426.42	41.2	10.35
1981	62.4	472.38	40.1	11.78
FARM AND GARDEN MACHINERY — SIC 352				
1977	26.4	344.35	42.2	8.16
1978	26.7	368.43	42.3	8.71
1979	28.8	419.96	43.7	9.61
1980	26.9	454.99	41.4	10.99
1981	26.3	506.80	40.0	12.67
CONSTRUCTION AND RELATED MACHINERY — SIC 353				
1977	20.7	347.77	41.9	8.30
1978	22.1	366.39	41.4	8.85
1979	23.2	418.33	42.6	9.82
1980	22.1	442.26	40.5	10.92
1981	19.8	476.58	39.0	12.22
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	25.5	208.35	38.3	5.44
1978	25.0	229.58	38.2	6.01
1979	26.0	262.58	38.9	6.75
1980	25.3	286.85	38.4	7.47
1981	23.4	323.53	38.7	8.36
TRANSPORTATION EQUIPMENT — SIC 37				
1977	9.8	185.89	39.3	4.73
1978	10.8	210.00	40.0	5.25
1979	10.1	224.78	40.5	5.55
1980	7.4	239.08	36.5	6.55
1981	7.7	302.88	40.6	7.46
NONDURABLE GOODS				
1977	93.6	248.38	39.3	6.32
1978	95.3	271.05	39.0	6.95
1979	96.7	299.86	39.3	7.63
1980	94.8	333.29	38.8	8.59
1981	92.0	367.85	39.3	9.36
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	48.4	278.70	40.1	6.95
1978	48.3	305.69	39.7	7.70
1979	48.9	340.20	40.5	8.40
1980	48.5	379.53	39.7	9.56
1981	46.5	409.64	40.2	10.19
MEAT PRODUCTS — SIC 201				
1977	24.6	300.66	39.2	7.67
1978	24.4	329.64	38.6	8.54
1979	24.4	372.13	40.1	9.28
1980	24.9	421.40	39.2	10.75
1981	23.2	449.80	39.7	11.33
GRAIN MILL PRODUCTS — SIC 204				
1977	10.9	286.21	41.3	6.93
1978	11.0	315.84	42.0	7.52
1979	11.5	343.62	41.3	8.32
1980	11.3	357.59	39.6	9.03
1981	11.2	408.24	40.3	10.13
BAKERY PRODUCTS — SIC 205				
1977	2.6	-	-	-
1978	2.6	-	-	-
1979	2.6	-	-	-
1980	2.4	-	-	-
1981	2.1	-	-	-
STATEWIDE (Con.)				
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	4.3	126.00	37.5	3.36
1978	4.4	133.57	36.1	3.70
1979	4.2	144.72	36.0	4.02
1980	4.1	157.08	34.6	4.54
1981	4.1	175.44	34.4	5.10
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	4.0	215.95	40.9	5.28
1978	4.1	235.99	40.9	5.77
1979	4.1	258.85	40.7	6.36
1980	4.2	276.98	40.2	6.89
1981	4.0	298.36	38.9	7.67
PRINTING AND PUBLISHING — SIC 27				
1977	16.1	217.78	37.1	5.87
1978	17.1	237.81	37.1	6.41
1979	17.7	253.96	36.7	6.92
1980	17.8	281.88	36.0	7.83
1981	17.5	323.47	36.8	8.79
NEWSPAPERS — SIC 271				
1977	7.0	176.80	32.5	5.44
1978	7.3	186.08	31.7	5.87
1979	7.6	193.73	30.8	6.29
1980	7.4	206.86	30.6	6.76
1981	7.0	229.64	31.5	7.29
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	7.8	264.86	41.0	6.46
1978	7.9	286.47	41.1	6.97
1979	8.1	315.24	41.1	7.67
1980	7.8	351.94	41.6	8.46
1981	7.4	392.92	41.8	9.40
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS — SIC 30				
1977	10.8	232.01	37.3	6.22
1978	11.1	258.38	37.5	6.89
1979	11.6	287.27	37.7	7.62
1980	10.3	328.14	38.2	8.59
1981	10.5	377.45	39.9	9.46
TRANSPORTATION AND PUBLIC UTILITIES				
1977	55.0	272.43	40.3	6.76
1978	56.9	298.74	40.7	7.34
1979	58.2	330.88	40.9	8.09
1980	56.3	358.58	40.2	8.92
1981	54.0	381.35	40.1	9.51
RAILROAD TRANSPORTATION — SIC 40				
1977	8.8	-	-	-
1978	8.9	-	-	-
1979	8.8	-	-	-
1980	8.0	-	-	-
1981	7.5	-	-	-
COMMUNICATION — SIC 48				
1977	13.3	-	-	-
1978	13.6	-	-	-
1979	14.5	-	-	-
1980	14.5	-	-	-
1981	14.1	-	-	-
ELECTRIC, GAS, AND SANITARY SERVICES — SIC 49				
1977	9.9	-	-	-
1978	10.3	-	-	-
1979	10.4	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
ELECTRIC, GAS, AND SANITARY SERVICES — SIC 49 (Con.)				
1980	10.5	–	–	–
1981	10.5	–	–	–
WHOLESALE AND RETAIL TRADE				
1977	275.4	145.86	34.0	4.29
1978	286.5	151.85	33.3	4.56
1979	286.4	168.76	34.3	4.92
1980	280.7	180.43	33.6	5.37
1981	274.6	191.73	33.0	5.81
WHOLESALE TRADE — SIC 50,51				
1977	72.6	–	–	–
1978	75.9	–	–	–
1979	76.1	–	–	–
1980	76.7	–	–	–
1981	75.6	–	–	–
RETAIL TRADE — SIC 52–59				
1977	202.8	–	–	–
1978	210.6	–	–	–
1979	210.3	–	–	–
1980	203.9	–	–	–
1981	199.1	–	–	–
GENERAL MERCHANDISE STORES — SIC 53				
1977	28.2	–	–	–
1978	29.0	–	–	–
1979	28.2	–	–	–
1980	27.4	–	–	–
1981	26.7	–	–	–
FINANCE, INSURANCE, AND REAL ESTATE				
1977	52.6	146.80	36.7	4.00
1978	55.4	159.78	36.9	4.33
1979	56.8	178.11	36.8	4.84
1980	58.3	191.14	36.2	5.28
1981	59.2	209.92	35.7	5.88
BANKING — SIC 60				
1977	16.7	–	–	–
1978	17.2	–	–	–
1979	17.8	–	–	–
1980	18.1	–	–	–
1981	18.3	–	–	–
INSURANCE CARRIERS, AGENTS AND BROKERS — SIC 63,64				
1977	20.9	–	–	–
1978	21.9	–	–	–
1979	22.7	–	–	–
1980	23.5	–	–	–
1981	23.9	–	–	–
SERVICES INDUSTRIES				
1977	188.1	126.43	32.5	3.89
1978	196.2	140.70	33.5	4.20
1979	203.4	149.09	32.2	4.63
1980	209.3	167.65	33.8	4.96
1981	209.2	175.49	32.2	5.45
HEALTH SERVICES — SIC 80				
1977	68.2	–	–	–
1978	71.7	–	–	–
1979	74.4	–	–	–
1980	77.1	–	–	–
1981	78.1	–	–	–
GOVERNMENT				
1977	202.5	–	–	–
1978	208.2	–	–	–
1979	204.5	–	–	–
1980	207.4	–	–	–
1981	209.9	–	–	–
FEDERAL GOVERNMENT				
1977	19.4	–	–	–
1978	20.2	–	–	–
1979	19.9	–	–	–
1980	21.4	–	–	–
1981	19.3	–	–	–
STATE GOVERNMENT				
1977	50.0	–	–	–
1978	52.3	–	–	–
1979	53.1	–	–	–
1980	52.8	–	–	–
1981	52.5	–	–	–
LOCAL GOVERNMENT				
1977	133.1	–	–	–
1978	135.7	–	–	–
1979	131.5	–	–	–
1980	133.2	–	–	–
1981	138.1	–	–	–
CEDAR RAPIDS				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	79.7	–	–	–
1978	82.7	–	–	–
1979	87.4	–	–	–
1980	85.2	–	–	–
1981	81.4	–	–	–
CONSTRUCTION				
1977	3.9	–	–	–
1978	4.4	–	–	–
1979	4.8	–	–	–
1980	3.7	–	–	–
1981	3.3	–	–	–
MANUFACTURING				
1977	27.8	254.47	40.2	6.33
1978	28.4	283.41	40.2	7.05
1979	30.4	317.18	41.3	7.68
1980	28.3	346.52	40.2	8.62
1981	26.0	380.65	39.9	9.54
DURABLE GOODS				
1977	20.3	241.40	39.9	6.05
1978	21.1	274.16	40.2	6.82
1979	22.8	306.69	41.5	7.39
1980	21.0	330.83	40.1	8.25
1981	18.9	363.77	39.8	9.14
FABRICATED METAL PRODUCTS — SIC 34				
1977	1.6	243.54	39.6	6.15
1978	1.6	264.40	40.0	6.61
1979	1.8	277.85	39.3	7.07
1980	1.5	304.97	39.3	7.76
1981	1.3	345.65	41.1	8.41
MACHINERY — SIC 35,36				
1977	17.4	239.20	39.8	6.01
1978	18.1	281.95	41.1	6.86
1979	19.6	310.25	41.7	7.44
1980	18.3	333.23	40.1	8.31
1981	16.5	366.17	39.5	9.27
NONDURABLE GOODS				
1977	7.4	282.74	40.8	6.93
1978	7.3	303.16	40.1	7.56
1979	7.6	343.56	40.9	8.40
1980	7.3	381.78	40.4	9.45
1981	7.1	415.84	40.1	10.37
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	5.6	299.71	41.8	7.17
1978	5.5	325.86	41.3	7.89
1979	5.7	367.04	41.9	8.76
1980	5.5	409.03	41.4	9.88
1981	5.3	442.54	40.9	10.82
CEDAR RAPIDS (Con.)				
TRANSPORTATION AND PUBLIC UTILITIES				
1977	3.7	–	–	–
1978	4.0	–	–	–
1979	4.1	–	–	–
1980	3.8	–	–	–
1981	3.8	–	–	–
TRANSPORTATION — SIC 40–42,44–47				
1977	1.9	–	–	–
1978	2.0	–	–	–
1979	2.0	–	–	–
1980	1.8	–	–	–
1981	1.7	–	–	–
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	1.9	–	–	–
1978	2.0	–	–	–
1979	2.1	–	–	–
1980	2.1	–	–	–
1981	2.1	–	–	–
WHOLESALE AND RETAIL TRADE				
1977	17.2	–	–	–
1978	18.2	–	–	–
1979	19.1	–	–	–
1980	19.6	–	–	–
1981	19.0	–	–	–
WHOLESALE TRADE — SIC 50,51				
1977	4.4	–	–	–
1978	4.7	–	–	–
1979	5.0	–	–	–
1980	5.1	–	–	–
1981	4.8	–	–	–
RETAIL TRADE — SIC 52–59				
1977	12.8	–	–	–
1978	13.5	–	–	–
1979	14.1	–	–	–
1980	14.5	–	–	–
1981	14.2	–	–	–
FINANCE, INSURANCE, AND REAL ESTATE				
1977	4.0	–	–	–
1978	4.3	–	–	–
1979	4.4	–	–	–
1980	4.5	–	–	–
1981	4.3	–	–	–
SERVICES AND MINING				
1977	13.9	–	–	–
1978	14.3	–	–	–
1979	15.3	–	–	–
1980	15.7	–	–	–
1981	15.8	–	–	–
GOVERNMENT				
1977	9.2	–	–	–
1978	9.0	–	–	–
1979	9.4	–	–	–
1980	9.5	–	–	–
1981	9.2	–	–	–
FEDERAL GOVERNMENT				
1977	.9	–	–	–
1978	.9	–	–	–
1979	.9	–	–	–
1980	1.0	–	–	–
1981	.9	–	–	–
STATE GOVERNMENT				
1977	.6	–	–	–
1978	.6	–	–	–
1979	.6	–	–	–
1980	.6	–	–	–
1981	.6	–	–	–

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
CEDAR RAPIDS (Con.)				
LOCAL GOVERNMENT				
1977	7.7	–	–	–
1978	7.5	–	–	–
1979	7.9	–	–	–
1980	7.9	–	–	–
1981	7.7	–	–	–
DES MOINES				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	173.5	–	–	–
1978	181.0	–	–	–
1979	183.9	–	–	–
1980	181.2	–	–	–
1981	175.9	–	–	–
CONSTRUCTION				
1977	7.9	–	–	–
1978	9.2	–	–	–
1979	8.8	–	–	–
1980	7.7	–	–	–
1981	6.4	–	–	–
MANUFACTURING				
1977	25.6	267.33	38.8	6.89
1978	26.0	284.52	38.5	7.39
1979	27.1	317.58	39.5	8.04
1980	24.6	347.49	39.0	8.91
1981	23.4	385.61	38.6	9.99
DURABLE GOODS				
1977	10.6	286.71	40.9	7.01
1978	10.5	292.80	40.0	7.32
1979	11.3	323.20	40.4	8.00
1980	10.2	355.41	39.8	8.93
1981	9.0	373.38	38.1	9.80
LUMBER, AND FURNITURE — SIC 24,25				
1977	.4	–	–	–
1978	.5	–	–	–
1979	.5	–	–	–
1980	.4	–	–	–
1981	.4	–	–	–
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	1.0	311.95	41.1	7.59
1978	1.2	343.10	40.7	8.43
1979	1.2	371.95	43.3	8.59
1980	1.0	349.03	41.9	8.33
1981	.7	290.90	37.2	7.82
PRIMARY AND FABRICATED METALS — SIC 33,34				
1977	2.0	214.54	40.1	5.35
1978	2.1	231.01	40.6	5.69
1979	2.2	241.30	39.3	6.14
1980	1.9	263.45	38.8	6.79
1981	1.8	283.63	38.8	7.31
MACHINERY — SIC 35,36				
1977	5.9	332.27	41.9	7.93
1978	5.2	343.54	40.8	8.42
1979	5.8	385.54	41.5	9.29
1980	5.5	429.86	40.9	10.51
1981	4.9	455.04	38.4	11.85
NONDURABLE GOODS				
1977	14.9	252.22	37.2	6.78
1978	15.5	279.38	37.5	7.45
1979	15.8	313.12	38.8	8.07
1980	14.4	341.38	38.4	8.89
1981	14.3	394.29	39.0	10.11
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	3.2	268.13	41.7	6.43
1978	3.3	290.17	41.1	7.06
1979	3.3	331.20	41.4	8.00
1980	2.6	360.83	42.5	8.49
1981	2.8	403.92	44.0	9.18
DES MOINES (Con.)				
PRINTING AND PUBLISHING — SIC 27				
1977	5.6	269.93	37.7	7.16
1978	6.0	290.67	37.7	7.71
1979	6.1	308.30	37.1	8.31
1980	6.2	333.60	36.3	9.19
1981	6.0	373.43	36.9	10.12
TRANSPORTATION AND PUBLIC UTILITIES				
1977	11.2	–	–	–
1978	11.4	–	–	–
1979	11.8	–	–	–
1980	11.4	–	–	–
1981	11.0	–	–	–
RAILROAD TRANSPORTATION — SIC 40				
1977	.8	–	–	–
1978	.8	–	–	–
1979	.7	–	–	–
1980	.4	–	–	–
1981	.3	–	–	–
TRANSPORTATION, EXCEPT RAILROADS — SIC 41,42,44–47				
1977	5.5	–	–	–
1978	5.5	–	–	–
1979	5.7	–	–	–
1980	5.3	–	–	–
1981	4.9	–	–	–
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	5.0	–	–	–
1978	5.1	–	–	–
1979	5.4	–	–	–
1980	5.7	–	–	–
1981	5.8	–	–	–
WHOLESALE AND RETAIL TRADE				
1977	46.4	–	–	–
1978	48.4	–	–	–
1979	48.8	–	–	–
1980	47.4	–	–	–
1981	45.8	–	–	–
WHOLESALE TRADE — SIC 50,51				
1977	14.4	–	–	–
1978	14.8	–	–	–
1979	15.3	–	–	–
1980	15.0	–	–	–
1981	14.0	–	–	–
RETAIL TRADE — SIC 52–59				
1977	32.0	–	–	–
1978	33.6	–	–	–
1979	33.5	–	–	–
1980	32.3	–	–	–
1981	31.8	–	–	–
FINANCE, INSURANCE, AND REAL ESTATE				
1977	18.8	–	–	–
1978	19.8	–	–	–
1979	20.5	–	–	–
1980	21.4	–	–	–
1981	22.0	–	–	–
FINANCE, REAL ESTATE, COMBINATION OFFICES, HOLDING AND OTHER INVESTMENT COMPANIES — SIC 60–62,65–67				
1977	6.7	–	–	–
1978	7.2	–	–	–
1979	7.3	–	–	–
1980	7.6	–	–	–
1981	7.7	–	–	–
INSURANCE CARRIERS, AGENTS AND BROKERS — SIC 63,64				
1977	12.1	–	–	–
1978	12.7	–	–	–
DES MOINES (Con.)				
INSURANCE CARRIERS, AGENTS AND BROKERS — SIC 63,64 (Con.)				
1979	13.2	–	–	–
1980	13.8	–	–	–
1981	14.2	–	–	–
SERVICES AND MINING				
1977	35.4	–	–	–
1978	37.4	–	–	–
1979	38.9	–	–	–
1980	40.2	–	–	–
1981	40.0	–	–	–
GOVERNMENT				
1977	28.2	–	–	–
1978	28.7	–	–	–
1979	28.0	–	–	–
1980	28.4	–	–	–
1981	27.4	–	–	–
FEDERAL GOVERNMENT				
1977	5.1	–	–	–
1978	5.3	–	–	–
1979	5.3	–	–	–
1980	5.5	–	–	–
1981	5.1	–	–	–
STATE GOVERNMENT				
1977	7.3	–	–	–
1978	7.3	–	–	–
1979	7.4	–	–	–
1980	7.3	–	–	–
1981	7.3	–	–	–
LOCAL GOVERNMENT				
1977	15.9	–	–	–
1978	16.1	–	–	–
1979	15.3	–	–	–
1980	15.6	–	–	–
1981	15.1	–	–	–
DUBUQUE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	43.1	–	–	–
1978	44.6	–	–	–
1979	45.0	–	–	–
1980	43.7	–	–	–
1981	41.8	–	–	–
CONSTRUCTION				
1977	1.8	–	–	–
1978	1.9	–	–	–
1979	1.9	–	–	–
1980	1.5	–	–	–
1981	1.2	–	–	–
MANUFACTURING				
1977	16.5	321.98	40.5	7.95
1978	16.7	337.31	40.3	8.37
1979	16.6	365.71	40.1	9.12
1980	15.5	396.70	39.2	10.12
1981	14.4	421.98	39.0	10.82
DURABLE GOODS				
1977	11.1	344.06	42.9	8.02
1978	11.5	353.21	42.2	8.37
1979	11.2	392.46	42.2	9.30
1980	10.3	429.72	41.2	10.43
1981	9.7	456.60	40.3	11.33
PRIMARY AND FABRICATED METALS — SIC 33,34				
1977	.8	–	–	–
1978	1.0	–	–	–
1979	.9	–	–	–
1980	.9	–	–	–
1981	.8	–	–	–

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
DUBUQUE (Con.)				
NONDURABLE GOODS				
1977	5.4	281.22	36.1	7.79
1978	5.2	300.96	36.0	8.36
1979	5.4	309.88	35.7	8.68
1980	5.2	329.59	35.1	9.39
1981	4.7	351.99	36.4	9.67
TRANSPORTATION AND PUBLIC UTILITIES				
1977	1.7	-	-	-
1978	1.7	-	-	-
1979	1.8	-	-	-
1980	1.7	-	-	-
1981	1.6	-	-	-
TRANSPORTATION — SIC 40-42,44-47				
1977	1.0	-	-	-
1978	1.0	-	-	-
1979	1.1	-	-	-
1980	1.0	-	-	-
1981	.9	-	-	-
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	.7	-	-	-
1978	.7	-	-	-
1979	.7	-	-	-
1980	.7	-	-	-
1981	.7	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	8.9	-	-	-
1978	9.3	-	-	-
1979	9.4	-	-	-
1980	9.3	-	-	-
1981	9.2	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	1.8	-	-	-
1978	1.8	-	-	-
1979	2.0	-	-	-
1980	1.9	-	-	-
1981	1.9	-	-	-
RETAIL TRADE — SIC 52-59				
1977	7.1	-	-	-
1978	7.4	-	-	-
1979	7.4	-	-	-
1980	7.4	-	-	-
1981	7.2	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	1.3	-	-	-
1978	1.3	-	-	-
1979	1.3	-	-	-
1980	1.3	-	-	-
1981	1.3	-	-	-
SERVICES AND MINING				
1977	9.0	-	-	-
1978	9.7	-	-	-
1979	10.2	-	-	-
1980	10.2	-	-	-
1981	10.4	-	-	-
GOVERNMENT				
1977	3.9	-	-	-
1978	4.0	-	-	-
1979	4.0	-	-	-
1980	4.0	-	-	-
1981	3.7	-	-	-
FEDERAL GOVERNMENT				
1977	.4	-	-	-
1978	.4	-	-	-
1979	.4	-	-	-
1980	.4	-	-	-
1981	.4	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
DUBUQUE (Con.)				
STATE GOVERNMENT				
1977	0.2	-	-	-
1978	.3	-	-	-
1979	.2	-	-	-
1980	.2	-	-	-
1981	.3	-	-	-
LOCAL GOVERNMENT				
1977	3.3	-	-	-
1978	3.4	-	-	-
1979	3.3	-	-	-
1980	3.4	-	-	-
1981	3.1	-	-	-
SIOUX CITY				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	49.8	-	-	-
1978	51.6	-	-	-
1979	50.2	-	-	-
1980	49.1	-	-	-
1981	49.0	-	-	-
CONSTRUCTION				
1977	4.0	-	-	-
1978	4.0	-	-	-
1979	2.7	-	-	-
1980	2.3	-	-	-
1981	2.0	-	-	-
MANUFACTURING				
1977	8.6	212.80	38.0	5.60
1978	9.8	249.08	39.6	6.29
1979	9.6	288.69	41.3	6.99
1980	8.8	328.75	41.3	7.96
1981	9.1	316.00	39.5	8.00
DURABLE GOODS				
1977	3.9	189.24	38.0	4.98
1978	3.2	212.21	37.1	5.72
1979	3.0	255.06	39.0	6.54
1980	2.6	281.46	39.2	7.18
1981	2.4	296.83	38.6	7.69
PRIMARY AND FABRICATED METALS — SIC 33,34				
1977	.4	-	-	-
1978	.4	-	-	-
1979	.5	-	-	-
1980	.5	-	-	-
1981	.5	-	-	-
MACHINERY — SIC 35,36				
1977	2.7	-	-	-
1978	1.8	-	-	-
1979	1.5	-	-	-
1980	1.3	-	-	-
1981	1.1	-	-	-
NONDURABLE GOODS				
1977	4.7	230.28	38.0	6.06
1978	6.6	263.90	40.6	6.50
1979	6.5	301.02	42.1	7.15
1980	6.3	344.40	42.0	8.20
1981	6.7	321.98	39.8	8.09
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	3.4	-	-	-
1978	5.2	-	-	-
1979	5.1	-	-	-
1980	4.8	-	-	-
1981	5.1	-	-	-
MEAT PRODUCTS — SIC 201				
1977	1.9	-	-	-
1978	3.8	-	-	-
1979	3.6	-	-	-
1980	3.3	-	-	-
1981	3.7	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
SIOUX CITY (Con.)				
TRANSPORTATION AND PUBLIC UTILITIES				
1977	3.7	-	-	-
1978	3.8	-	-	-
1979	4.1	-	-	-
1980	3.9	-	-	-
1981	3.8	-	-	-
TRANSPORTATION — SIC 40-42,44-47				
1977	2.1	-	-	-
1978	2.2	-	-	-
1979	2.2	-	-	-
1980	2.1	-	-	-
1981	2.1	-	-	-
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	1.6	-	-	-
1978	1.7	-	-	-
1979	1.9	-	-	-
1980	1.7	-	-	-
1981	1.7	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	14.0	-	-	-
1978	13.6	-	-	-
1979	13.3	-	-	-
1980	13.0	-	-	-
1981	12.9	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	4.0	-	-	-
1978	3.5	-	-	-
1979	3.6	-	-	-
1980	3.4	-	-	-
1981	3.4	-	-	-
RETAIL TRADE — SIC 52-59				
1977	9.9	-	-	-
1978	10.0	-	-	-
1979	9.6	-	-	-
1980	9.6	-	-	-
1981	9.5	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	2.7	-	-	-
1978	2.7	-	-	-
1979	2.8	-	-	-
1980	2.9	-	-	-
1981	2.8	-	-	-
SERVICES AND MINING				
1977	10.5	-	-	-
1978	11.1	-	-	-
1979	11.6	-	-	-
1980	12.0	-	-	-
1981	12.3	-	-	-
GOVERNMENT				
1977	6.4	-	-	-
1978	6.6	-	-	-
1979	6.2	-	-	-
1980	6.2	-	-	-
1981	6.1	-	-	-
FEDERAL GOVERNMENT				
1977	.9	-	-	-
1978	.9	-	-	-
1979	1.0	-	-	-
1980	1.2	-	-	-
1981	1.1	-	-	-
STATE GOVERNMENT				
1977	.5	-	-	-
1978	.5	-	-	-
1979	.5	-	-	-
1980	.5	-	-	-
1981	.5	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
SIOUX CITY (Con.)				
LOCAL GOVERNMENT				
1977	5.0	-	-	-
1978	5.2	-	-	-
1979	4.7	-	-	-
1980	4.6	-	-	-
1981	4.5	-	-	-
WATERLOO-CEDAR FALLS				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	64.0	-	-	-
1978	66.0	-	-	-
1979	67.2	-	-	-
1980	66.3	-	-	-
1981	64.6	-	-	-
CONSTRUCTION				
1977	3.1	-	-	-
1978	3.2	-	-	-
1979	3.2	-	-	-
1980	2.6	-	-	-
1981	2.0	-	-	-
MANUFACTURING				
1977	22.1	334.02	41.7	8.01
1978	22.6	374.91	42.7	8.78
1979	23.2	420.83	43.7	9.63
1980	23.3	453.46	41.0	11.06
1981	22.8	495.01	39.1	12.66
DURABLE GOODS				
1977	18.3	-	-	-
1978	18.8	-	-	-
1979	19.5	-	-	-
1980	19.3	-	-	-
1981	19.0	-	-	-
FABRICATED METAL PRODUCTS — SIC 34				
1977	1.5	-	-	-
1978	1.5	-	-	-
1979	1.3	-	-	-
1980	1.1	-	-	-
1981	1.1	-	-	-
MACHINERY — SIC 35,36				
1977	15.3	-	-	-
1978	15.9	-	-	-
1979	16.7	-	-	-
1980	17.0	-	-	-
1981	16.8	-	-	-
NONDURABLE GOODS				
1977	3.8	-	-	-
1978	3.7	-	-	-
1979	3.7	-	-	-
1980	4.0	-	-	-
1981	3.8	-	-	-
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	2.7	-	-	-
1978	2.6	-	-	-
1979	2.5	-	-	-
1980	2.8	-	-	-
1981	2.6	-	-	-
PRINTING AND PUBLISHING — SIC 27				
1977	.7	-	-	-
1978	.7	-	-	-
1979	.7	-	-	-
1980	.7	-	-	-
1981	.7	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	2.5	-	-	-
1978	2.6	-	-	-
1979	2.7	-	-	-
1980	2.5	-	-	-
1981	2.4	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
WATERLOO-CEDAR FALLS (Con.)				
TRANSPORTATION — SIC 40-42,44-47				
1977	1.5	-	-	-
1978	1.6	-	-	-
1979	1.6	-	-	-
1980	1.5	-	-	-
1981	1.3	-	-	-
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	1.0	-	-	-
1978	1.0	-	-	-
1979	1.1	-	-	-
1980	1.0	-	-	-
1981	1.0	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	13.7	-	-	-
1978	14.2	-	-	-
1979	14.4	-	-	-
1980	13.9	-	-	-
1981	13.6	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	2.8	-	-	-
1978	2.8	-	-	-
1979	2.8	-	-	-
1980	2.8	-	-	-
1981	2.7	-	-	-
RETAIL TRADE — SIC 52-59				
1977	10.9	-	-	-
1978	11.4	-	-	-
1979	11.6	-	-	-
1980	11.2	-	-	-
1981	10.9	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	1.9	-	-	-
1978	2.0	-	-	-
1979	2.1	-	-	-
1980	2.1	-	-	-
1981	2.1	-	-	-
SERVICES AND MINING				
1977	10.0	-	-	-
1978	10.4	-	-	-
1979	10.9	-	-	-
1980	10.9	-	-	-
1981	11.0	-	-	-
GOVERNMENT				
1977	10.7	-	-	-
1978	11.0	-	-	-
1979	10.8	-	-	-
1980	10.9	-	-	-
1981	10.7	-	-	-
FEDERAL GOVERNMENT				
1977	.6	-	-	-
1978	.6	-	-	-
1979	.6	-	-	-
1980	.6	-	-	-
1981	.6	-	-	-
STATE GOVERNMENT				
1977	3.2	-	-	-
1978	3.3	-	-	-
1979	3.4	-	-	-
1980	3.5	-	-	-
1981	3.6	-	-	-
LOCAL GOVERNMENT				
1977	6.9	-	-	-
1978	7.1	-	-	-
1979	6.8	-	-	-
1980	6.8	-	-	-
1981	6.6	-	-	-

See footnotes at end of tables.

KANSAS

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	871.0	-	-	-
1978	912.5	-	-	-
1979	946.8	-	-	-
1980	944.7	-	-	-
1981	949.1	-	-	-
MINING				
1977	11.8	-	-	-
1978	12.9	-	-	-
1979	13.7	306.01	43.1	7.10
1980	16.1	347.76	43.2	8.05
1981	19.1	386.32	44.1	8.76
OIL AND GAS EXTRACTION — SIC 13				
1977	10.0	-	-	-
1978	10.9	-	-	-
1979	11.7	304.99	43.2	7.06
1980	14.1	346.09	43.1	8.03
1981	17.2	392.03	44.6	8.79
CONSTRUCTION				
1977	45.6	-	-	-
1978	48.1	-	-	-
1979	49.9	-	-	-
1980	46.5	-	-	-
1981	42.5	-	-	-
MANUFACTURING				
1977	172.9	-	-	-
1978	185.9	-	-	-
1979	198.9	273.10	40.7	6.71
1980	190.5	297.75	40.4	7.37
1981	187.9	325.22	40.4	8.05
DURABLE GOODS				
1977	108.1	-	-	-
1978	119.9	-	-	-
1979	130.3	270.25	40.7	6.64
1980	122.3	297.14	40.1	7.41
1981	118.7	326.43	40.5	8.06
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	8.2	-	-	-
1978	9.0	-	-	-
1979	8.6	-	-	-
1980	7.7	-	-	-
1981	7.1	-	-	-
PRIMARY METAL INDUSTRIES — SIC 33				
1977	3.2	-	-	-
1978	3.8	-	-	-
1979	4.2	-	-	-
1980	3.9	-	-	-
1981	3.7	-	-	-
FABRICATED METAL PRODUCTS — SIC 34				
1977	13.2	-	-	-
1978	13.9	-	-	-
1979	14.2	214.51	37.9	5.66
1980	13.0	236.88	37.9	6.25
1981	12.4	261.58	37.8	6.92
MACHINERY — SIC 35,36				
1977	29.3	-	-	-
1978	32.6	-	-	-
1979	37.3	248.66	41.1	6.05
1980	35.1	272.54	40.8	6.68
1981	34.1	294.33	40.1	7.34

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
TRANSPORTATION EQUIPMENT — SIC 37				
1977	42.0	-	-	-
1978	48.0	-	-	-
1979	53.5	305.03	41.9	7.28
1980	51.3	348.91	41.0	8.51
1981	50.5	389.51	42.2	9.23
AIRCRAFT AND PARTS — SIC 372				
1977	31.3	-	-	-
1978	37.1	-	-	-
1979	43.7	321.16	43.4	7.40
1980	43.7	360.34	41.9	8.60
1981	43.5	402.99	43.1	9.35
NONDURABLE GOODS				
1977	64.8	-	-	-
1978	66.0	-	-	-
1979	68.6	278.66	40.8	6.83
1980	68.2	298.25	40.8	7.31
1981	69.2	324.42	40.3	8.05
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	22.9	-	-	-
1978	22.5	-	-	-
1979	22.9	284.81	42.7	6.67
1980	23.3	313.49	43.3	7.24
1981	23.9	334.65	42.2	7.93
MEAT PRODUCTS — SIC 201				
1977	8.7	-	-	-
1978	8.5	-	-	-
1979	9.0	328.81	43.9	7.49
1980	9.3	359.39	44.7	8.04
1981	9.8	365.66	41.6	8.79
DAIRY PRODUCTS — SIC 202				
1977	2.9	-	-	-
1978	2.6	-	-	-
1979	2.1	259.79	41.5	6.26
1980	2.0	291.31	40.8	7.14
1981	1.9	320.85	41.4	7.75
GRAIN MILL PRODUCTS — SIC 204				
1977	3.4	-	-	-
1978	3.6	-	-	-
1979	3.8	295.40	47.8	6.18
1980	4.0	322.71	46.3	6.97
1981	4.2	351.23	47.4	7.41
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	4.0	-	-	-
1978	3.8	-	-	-
1979	3.7	146.49	39.7	3.69
1980	3.6	158.36	39.1	4.05
1981	3.6	166.95	37.1	4.50
PRINTING AND PUBLISHING — SIC 27				
1977	14.9	-	-	-
1978	15.7	-	-	-
1979	16.7	-	-	-
1980	16.8	-	-	-
1981	16.9	-	-	-
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	8.0	-	-	-
1978	8.5	-	-	-
1979	8.9	-	-	-
1980	9.1	-	-	-
1981	8.8	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
PETROLEUM AND COAL PRODUCTS — SIC 29				
1977	4.4	-	-	-
1978	4.5	-	-	-
1979	4.6	366.72	42.2	8.69
1980	4.6	406.01	41.9	9.69
1981	5.2	446.20	41.2	10.83
TRANSPORTATION AND PUBLIC UTILITIES				
1977	59.3	-	-	-
1978	63.2	-	-	-
1979	65.3	-	-	-
1980	63.7	-	-	-
1981	63.0	-	-	-
RAILROAD TRANSPORTATION — SIC 40				
1977	14.2	-	-	-
1978	14.5	-	-	-
1979	14.7	-	-	-
1980	13.4	-	-	-
1981	12.8	-	-	-
TRUCKING AND WAREHOUSING — SIC 42				
1977	18.1	-	-	-
1978	20.2	-	-	-
1979	20.8	-	-	-
1980	19.5	-	-	-
1981	18.8	-	-	-
ELECTRIC, GAS, AND SANITARY SERVICES — SIC 49				
1977	10.4	-	-	-
1978	10.7	-	-	-
1979	11.1	-	-	-
1980	11.4	-	-	-
1981	11.6	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	211.9	-	-	-
1978	221.4	-	-	-
1979	225.7	-	-	-
1980	226.4	-	-	-
1981	228.2	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	59.2	-	-	-
1978	61.3	-	-	-
1979	63.5	-	-	-
1980	64.7	-	-	-
1981	65.4	-	-	-
RETAIL TRADE — SIC 52-59				
1977	152.7	-	-	-
1978	160.1	-	-	-
1979	162.2	-	-	-
1980	161.7	-	-	-
1981	162.8	-	-	-
GENERAL MERCHANDISE STORES — SIC 53				
1977	22.7	-	-	-
1978	24.6	-	-	-
1979	24.1	-	-	-
1980	23.7	-	-	-
1981	25.7	-	-	-
FOOD STORES — SIC 54				
1977	20.1	-	-	-
1978	20.9	-	-	-
1979	22.1	-	-	-
1980	23.0	-	-	-
1981	22.8	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Production or nonsupervisory workers: Average weekly hours	Production or nonsupervisory workers: Average hourly earnings (dollars)
STATEWIDE (Con.)				
AUTOMOTIVE DEALERS AND SERVICE STATIONS — SIC 55				
1977	23.9	-	-	-
1978	24.4	-	-	-
1979	23.5	-	-	-
1980	21.8	-	-	-
1981	20.6	-	-	-
APPAREL AND ACCESSORY STORES — SIC 56				
1977	9.5	-	-	-
1978	9.7	-	-	-
1979	9.8	-	-	-
1980	10.1	-	-	-
1981	10.1	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	43.6	-	-	-
1978	45.0	-	-	-
1979	46.3	-	-	-
1980	47.2	-	-	-
1981	47.9	-	-	-
BANKING — SIC 60				
1977	14.1	-	-	-
1978	14.5	-	-	-
1979	15.0	-	-	-
1980	15.4	-	-	-
1981	15.7	-	-	-
INSURANCE CARRIERS — SIC 63				
1977	10.8	-	-	-
1978	11.1	-	-	-
1979	10.7	-	-	-
1980	11.2	-	-	-
1981	11.6	-	-	-
SERVICES				
1977	149.0	-	-	-
1978	156.2	-	-	-
1979	163.7	-	-	-
1980	166.8	-	-	-
1981	173.7	-	-	-
HOTELS AND OTHER LODGING PLACES — SIC 70				
1977	7.0	-	-	-
1978	7.2	-	-	-
1979	7.4	-	-	-
1980	7.7	-	-	-
1981	8.2	-	-	-
PERSONAL SERVICES — SIC 72				
1977	9.2	-	-	-
1978	9.2	-	-	-
1979	9.2	-	-	-
1980	9.2	-	-	-
1981	9.8	-	-	-
GOVERNMENT				
1977	176.9	-	-	-
1978	180.0	-	-	-
1979	183.3	-	-	-
1980	187.4	-	-	-
1981	186.8	-	-	-
FEDERAL GOVERNMENT				
1977	25.3	-	-	-
1978	26.0	-	-	-
1979	26.0	-	-	-
1980	26.7	-	-	-
1981	25.3	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	151.6	-	-	-
1978	154.0	-	-	-
1979	157.3	-	-	-
1980	160.7	-	-	-
1981	161.5	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Production or nonsupervisory workers: Average weekly hours	Production or nonsupervisory workers: Average hourly earnings (dollars)
LAWRENCE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	25.0	-	-	-
1978	26.6	-	-	-
1979	28.1	-	-	-
1980	28.2	-	-	-
1981	28.1	-	-	-
CONSTRUCTION AND MINING				
1977	1.5	-	-	-
1978	1.3	-	-	-
1979	1.4	-	-	-
1980	1.1	-	-	-
1981	.9	-	-	-
MANUFACTURING				
1977	3.8	-	-	-
1978	4.3	-	-	-
1979	4.8	-	-	-
1980	4.8	-	-	-
1981	4.7	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	1.3	-	-	-
1978	1.4	-	-	-
1979	1.5	-	-	-
1980	1.4	-	-	-
1981	1.4	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	5.1	-	-	-
1978	5.5	-	-	-
1979	5.6	-	-	-
1980	5.6	-	-	-
1981	5.5	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	.6	-	-	-
1978	.6	-	-	-
1979	.6	-	-	-
1980	.6	-	-	-
1981	.7	-	-	-
RETAIL TRADE — SIC 52-59				
1977	4.5	-	-	-
1978	4.9	-	-	-
1979	5.0	-	-	-
1980	5.0	-	-	-
1981	4.8	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	.8	-	-	-
1978	.8	-	-	-
1979	.8	-	-	-
1980	.8	-	-	-
1981	.8	-	-	-
SERVICES				
1977	3.1	-	-	-
1978	3.3	-	-	-
1979	3.6	-	-	-
1980	3.8	-	-	-
1981	4.0	-	-	-
GOVERNMENT				
1977	9.6	-	-	-
1978	10.0	-	-	-
1979	10.4	-	-	-
1980	10.7	-	-	-
1981	10.8	-	-	-
TOPEKA				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	81.3	-	-	-
1978	85.2	-	-	-
1979	86.5	-	-	-
1980	86.3	-	-	-
1981	85.8	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Production or nonsupervisory workers: Average weekly hours	Production or nonsupervisory workers: Average hourly earnings (dollars)
TOPEKA (Con.)				
MINING				
1977	0.2	-	-	-
1978	.2	-	-	-
1979	.2	-	-	-
1980	.2	-	-	-
1981	.2	-	-	-
CONSTRUCTION				
1977	3.4	-	-	-
1978	4.0	-	-	-
1979	4.0	-	-	-
1980	3.8	-	-	-
1981	3.3	-	-	-
MANUFACTURING				
1977	11.2	-	-	-
1978	11.5	-	-	-
1979	11.6	290.21	41.4	7.01
1980	10.5	308.40	40.0	7.71
1981	10.1	341.60	39.4	8.67
DURABLE GOODS				
1977	1.8	-	-	-
1978	1.8	-	-	-
1979	2.0	262.75	40.8	6.44
1980	2.0	279.00	39.8	7.01
1981	1.9	312.66	40.5	7.72
NONDURABLE GOODS				
1977	9.4	-	-	-
1978	9.7	-	-	-
1979	9.6	294.65	41.5	7.10
1980	8.5	313.20	40.0	7.83
1981	8.2	346.92	39.2	8.85
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	1.9	-	-	-
1978	1.7	-	-	-
1979	1.6	-	-	-
1980	1.7	-	-	-
1981	1.7	-	-	-
PRINTING AND PUBLISHING — SIC 27				
1977	3.1	-	-	-
1978	3.2	-	-	-
1979	3.3	-	-	-
1980	3.5	-	-	-
1981	3.5	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	7.3	-	-	-
1978	7.5	-	-	-
1979	7.5	-	-	-
1980	8.0	-	-	-
1981	8.2	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	18.0	-	-	-
1978	18.7	-	-	-
1979	18.8	-	-	-
1980	18.7	-	-	-
1981	18.6	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	5.0	-	-	-
1978	5.1	-	-	-
1979	5.2	-	-	-
1980	5.1	-	-	-
1981	5.0	-	-	-
RETAIL TRADE — SIC 52-59				
1977	13.0	-	-	-
1978	13.6	-	-	-
1979	13.6	-	-	-
1980	13.6	-	-	-
1981	13.6	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
TOPEKA (Con.)				
FINANCE, INSURANCE, AND REAL ESTATE				
1977	5.7	-	-	-
1978	5.8	-	-	-
1979	6.0	-	-	-
1980	6.0	-	-	-
1981	6.0	-	-	-
SERVICES				
1977	14.9	-	-	-
1978	16.1	-	-	-
1979	16.7	-	-	-
1980	17.2	-	-	-
1981	17.6	-	-	-
GOVERNMENT				
1977	20.8	-	-	-
1978	21.4	-	-	-
1979	21.7	-	-	-
1980	21.9	-	-	-
1981	21.8	-	-	-
WICHITA				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	179.8	-	-	-
1978	191.6	-	-	-
1979	202.8	-	-	-
1980	205.3	-	-	-
1981	207.8	-	-	-
MINING				
1977	1.8	-	-	-
1978	2.0	-	-	-
1979	2.2	-	-	-
1980	2.7	-	-	-
1981	3.5	-	-	-
CONSTRUCTION				
1977	9.3	-	-	-
1978	9.3	-	-	-
1979	9.9	-	-	-
1980	10.2	-	-	-
1981	9.8	-	-	-
MANUFACTURING				
1977	51.9	-	-	-
1978	58.4	-	-	-
1979	65.2	297.91	41.9	7.11
1980	64.7	328.86	40.5	8.12
1981	64.2	363.13	41.5	8.75
DURABLE GOODS				
1977	40.4	-	-	-
1978	47.0	-	-	-
1979	54.1	296.49	41.7	7.11
1980	53.9	333.34	40.8	8.17
1981	53.2	370.86	42.0	8.83
FABRICATED METAL PRODUCTS — SIC 34				
1977	4.3	-	-	-
1978	4.7	-	-	-
1979	4.9	-	-	-
1980	3.9	-	-	-
1981	3.8	-	-	-
MACHINERY — SIC 35,36				
1977	4.3	-	-	-
1978	4.6	-	-	-
1979	5.0	-	-	-
1980	5.1	-	-	-
1981	5.0	-	-	-
TRANSPORTATION EQUIPMENT — SIC 37				
1977	27.7	-	-	-
1978	33.3	-	-	-
1979	39.9	322.15	43.3	7.44
1980	41.0	362.02	41.9	8.64
1981	40.8	404.86	43.3	9.35
WICHITA (Con.)				
AIRCRAFT AND PARTS — SIC 372				
1977	27.3	-	-	-
1978	32.8	-	-	-
1979	39.5	323.33	43.4	7.45
1980	40.6	362.85	41.9	8.66
1981	40.4	406.66	43.4	9.37
NONDURABLE GOODS				
1977	11.5	-	-	-
1978	11.4	-	-	-
1979	11.1	302.74	42.7	7.09
1980	10.8	304.20	39.1	7.78
1981	11.0	314.44	38.3	8.21
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	5.2	-	-	-
1978	4.9	-	-	-
1979	4.6	320.38	45.9	6.98
1980	4.6	325.63	42.4	7.68
1981	4.2	337.40	40.7	8.29
MEAT PRODUCTS — SIC 201				
1977	2.4	-	-	-
1978	2.4	-	-	-
1979	2.3	-	-	-
1980	2.5	-	-	-
1981	2.3	-	-	-
PRINTING AND PUBLISHING — SIC 27				
1977	2.0	-	-	-
1978	2.1	-	-	-
1979	2.2	-	-	-
1980	2.3	-	-	-
1981	2.6	-	-	-
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	1.3	-	-	-
1978	1.2	-	-	-
1979	1.2	-	-	-
1980	1.1	-	-	-
1981	1.2	-	-	-
PETROLEUM AND COAL PRODUCTS — SIC 29				
1977	1.7	-	-	-
1978	1.8	-	-	-
1979	1.8	-	-	-
1980	1.6	-	-	-
1981	1.7	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	9.9	-	-	-
1978	10.0	-	-	-
1979	10.3	-	-	-
1980	10.6	-	-	-
1981	10.2	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	40.7	-	-	-
1978	43.3	-	-	-
1979	44.9	-	-	-
1980	45.2	-	-	-
1981	47.2	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	11.0	-	-	-
1978	11.7	-	-	-
1979	12.2	-	-	-
1980	12.6	-	-	-
1981	13.2	-	-	-
RETAIL TRADE — SIC 52-59				
1977	29.7	-	-	-
1978	31.6	-	-	-
1979	32.7	-	-	-
1980	32.6	-	-	-
1981	34.0	-	-	-
WICHITA (Con.)				
FINANCE, INSURANCE, AND REAL ESTATE				
1977	9.0	-	-	-
1978	9.0	-	-	-
1979	9.1	-	-	-
1980	9.3	-	-	-
1981	9.6	-	-	-
SERVICES				
1977	34.9	-	-	-
1978	36.4	-	-	-
1979	37.3	-	-	-
1980	38.7	-	-	-
1981	39.9	-	-	-
GOVERNMENT				
1977	22.4	-	-	-
1978	23.2	-	-	-
1979	23.9	-	-	-
1980	23.9	-	-	-
1981	23.4	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	1,148.3	-	-	-
1978	1,209.9	-	-	-
1979	1,245.4	-	-	-
1980	1,210.0	-	-	-
1981	1,193.2	-	-	-
MINING				
1977	48.6	-	-	-
1978	52.1	-	-	-
1979	54.5	-	-	-
1980	52.8	-	-	-
1981	50.5	-	-	-
BITUMINOUS COAL AND LIGNITE MINING — SIC 12				
1977	43.5	-	-	-
1978	47.0	-	-	-
1979	49.2	-	-	-
1980	47.4	-	-	-
1981	45.0	-	-	-
CONSTRUCTION				
1977	58.4	-	-	-
1978	68.2	-	-	-
1979	69.2	-	-	-
1980	58.0	-	-	-
1981	51.4	-	-	-
MANUFACTURING				
1977	284.9	224.75	39.5	5.69
1978	292.2	247.90	39.6	6.26
1979	297.2	266.74	39.4	6.77
1980	276.2	286.99	39.1	7.34
1981	272.1	308.90	39.3	7.86
DURABLE GOODS				
1977	161.2	239.76	40.5	5.92
1978	167.6	260.18	40.4	6.44
1979	172.0	286.31	40.1	7.14
1980	154.8	308.51	39.3	7.85
1981	151.6	335.69	39.4	8.52
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	9.7	183.94	39.9	4.61
1978	10.3	188.65	39.8	4.74
1979	10.7	221.69	39.8	5.57
1980	9.4	229.96	38.2	6.02
1981	9.2	260.96	39.6	6.59
FURNITURE AND FIXTURES — SIC 25				
1977	6.5	150.36	35.8	4.20
1978	6.4	176.43	37.3	4.73
1979	6.2	194.18	37.2	5.22
1980	5.1	200.52	36.0	5.57
1981	4.7	204.59	34.5	5.93
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	8.9	213.87	42.1	5.08
1978	9.2	227.10	41.9	5.42
1979	10.2	266.05	41.7	6.38
1980	9.2	280.80	40.0	7.02
1981	9.4	311.22	42.4	7.34
PRIMARY METAL INDUSTRIES — SIC 33				
1977	17.2	316.01	39.8	7.94
1978	18.3	357.46	40.3	8.87
1979	19.4	390.31	40.7	9.59
1980	18.6	421.78	40.4	10.44
1981	18.4	441.94	39.6	11.16
STATEWIDE (Con.)				
BLAST FURNACE AND BASIC STEEL PRODUCTS — SIC 331				
1977	8.2	331.68	38.3	8.66
1978	8.6	374.80	38.8	9.66
1979	9.1	435.09	38.3	11.36
1980	8.5	471.61	37.4	12.61
1981	8.1	512.45	38.3	13.38
FABRICATED METAL PRODUCTS — SIC 34				
1977	22.0	227.51	40.7	5.59
1978	21.7	242.13	40.9	5.92
1979	21.0	266.12	40.2	6.62
1960	18.6	291.73	39.8	7.33
1981	18.0	309.26	39.7	7.79
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	36.5	252.28	40.3	6.26
1978	38.4	264.62	38.8	6.82
1979	40.8	292.04	39.2	7.45
1980	39.1	312.74	38.0	8.23
1981	39.1	340.87	38.3	8.90
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	38.6	223.68	39.8	5.62
1978	39.5	242.93	39.5	6.15
1979	39.7	267.33	39.9	6.70
1980	35.4	289.81	38.9	7.45
1981	32.9	314.55	38.5	8.17
TRANSPORTATION EQUIPMENT — SIC 37				
1977	14.3	317.30	45.2	7.02
1978	16.0	359.44	46.2	7.78
1979	16.0	369.80	43.0	8.60
1980	11.7	414.21	44.3	9.35
1981	12.2	480.93	45.2	10.64
INSTRUMENTS, AND MISC. MANUFACTURING — SIC 38,39				
1977	7.5	-	-	-
1978	7.8	-	-	-
1979	8.0	-	-	-
1980	7.7	-	-	-
1981	7.7	-	-	-
NONDURABLE GOODS				
1977	123.7	207.52	38.5	5.39
1978	124.6	230.78	38.4	6.01
1979	125.2	241.40	38.5	6.27
1980	121.4	258.80	38.8	6.67
1981	120.5	274.48	39.1	7.02
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	23.2	234.77	40.2	5.84
1978	22.3	260.41	41.4	6.29
1979	22.1	282.76	41.4	6.83
1980	21.9	303.97	41.3	7.36
1981	21.2	312.45	39.5	7.91
DISTILLED LIQUOR, EXCEPT BRANDY — SIC 2085				
1977	4.9	262.99	40.9	6.43
1978	4.6	292.15	44.4	6.58
1979	5.0	309.12	43.6	7.09
1980	5.0	306.16	43.8	6.99
1981	5.2	321.84	43.2	7.45
TOBACCO MANUFACTURES — SIC 21				
1977	12.2	219.45	35.8	6.13
1978	12.1	255.19	37.2	6.86
1979	11.7	288.42	38.0	7.59
STATEWIDE (Con.)				
TOBACCO MANUFACTURES — SIC 21 (Con.)				
1980	10.5	318.27	38.3	8.31
1981	10.9	374.90	38.1	9.84
CIGARETTES — SIC 211				
1977	9.3	246.56	36.1	6.83
1978	9.3	291.46	38.0	7.67
1979	8.9	322.04	38.8	8.30
1980	8.2	377.50	39.2	9.63
1981	8.5	420.58	38.2	11.01
TEXTILE MILL PRODUCTS — SIC 22				
1977	7.5	146.62	37.5	3.91
1978	7.2	147.80	37.8	3.91
1979	6.9	143.40	33.9	4.23
1980	6.4	158.12	34.6	4.57
1981	6.2	158.26	33.6	4.71
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	28.2	128.48	36.5	3.52
1978	27.4	146.26	33.7	4.34
1979	27.5	151.06	36.4	4.15
1980	27.4	162.06	37.0	4.38
1981	26.4	175.49	38.4	4.57
MEN'S AND BOYS' SUITS, COATS, AND FURNISHINGS — SIC 231,2				
1977	21.6	131.73	36.9	3.57
1978	21.2	151.51	33.3	4.55
1979	21.2	154.15	36.1	4.27
1980	20.7	165.89	36.3	4.57
1981	19.0	178.97	36.9	4.85
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	7.1	226.80	40.0	5.67
1978	7.4	249.48	41.1	6.07
1979	7.5	250.51	39.7	6.31
1980	7.3	252.06	39.2	6.43
1981	7.4	275.80	39.4	7.00
PRINTING AND PUBLISHING — SIC 27				
1977	12.8	259.92	38.0	6.84
1578	13.5	299.47	39.3	7.62
1979	14.3	291.06	37.8	7.70
1980	14.5	298.50	37.5	7.96
1981	14.7	309.64	37.9	8.17
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	16.1	301.46	42.7	7.06
1978	16.3	325.85	42.1	7.74
1979	16.4	345.64	42.1	8.21
1980	15.7	359.96	42.1	8.55
1981	15.3	385.05	42.5	9.06
INDUSTRIAL INORGANIC CHEMICALS — SIC 281				
1977	4.6	270.60	41.0	6.60
1978	4.7	304.36	40.8	7.46
1979	4.4	330.07	40.8	8.09
1980	4.5	340.72	41.4	8.23
1981	4.5	365.45	42.2	8.66
PLASTICS MATERIALS AND SYNTHETICS — SIC 282				
1977	6.5	327.24	43.4	7.54
1978	5.9	350.56	42.7	8.21
1979	5.7	369.37	43.1	8.57
1980	5.6	377.47	42.7	8.84
1981	5.3	391.25	42.9	9.12

See footnotes at end of tables.

KENTUCKY

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
PAINTS AND ALLIED PRODUCTS — SIC 285				
1977	1.9	223.02	41.3	5.40
1978	1.9	224.87	40.3	5.58
1979	2.0	245.70	39.0	6.30
1980	1.8	257.79	39.0	6.61
1981	1.8	276.86	38.4	7.21
PETROLEUM AND COAL PRODUCTS — SIC 29				
1977	3.7	335.79	39.0	8.61
1978	3.7	383.64	41.7	9.20
1979	3.8	402.32	43.4	9.27
1980	3.8	524.48	56.7	9.25
1981	4.1	536.58	58.9	9.11
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS — SIC 30				
1977	8.5	242.00	40.4	5.99
1978	10.3	252.53	40.6	6.22
1979	10.8	242.43	36.9	6.57
1980	9.9	256.28	35.3	7.26
1981	10.6	291.20	36.4	8.00
LEATHER AND LEATHER PRODUCTS — SIC 31				
1977	4.4	127.75	36.5	3.50
1978	4.4	142.87	37.4	3.82
1979	4.2	158.05	36.5	4.33
1980	4.0	165.52	36.7	4.51
1981	3.7	195.57	41.7	4.69
TRANSPORTATION AND PUBLIC UTILITIES				
1977	64.6	–	–	–
1978	67.2	–	–	–
1979	70.2	–	–	–
1980	68.5	–	–	–
1981	67.1	–	–	–
TRANSPORTATION — SIC 40-42,44-47				
1977	37.6	–	–	–
1978	38.9	–	–	–
1979	40.7	–	–	–
1980	38.5	–	–	–
1981	36.8	–	–	–
COMMUNICATION — SIC 48				
1977	14.8	–	–	–
1978	15.6	–	–	–
1979	16.4	–	–	–
1980	16.5	–	–	–
1981	16.3	–	–	–
ELECTRIC, GAS, AND SANITARY SERVICES — SIC 49				
1977	12.2	–	–	–
1978	12.7	–	–	–
1979	13.1	–	–	–
1980	13.5	–	–	–
1981	14.0	–	–	–
WHOLESALE AND RETAIL TRADE				
1977	247.6	–	–	–
1978	264.3	–	–	–
1979	268.1	–	–	–
1980	260.8	–	–	–
1981	258.3	–	–	–
WHOLESALE TRADE — SIC 50,51				
1977	59.0	–	–	–
1978	63.5	–	–	–
1979	63.6	–	–	–
1980	62.0	–	–	–
1981	62.6	–	–	–
RETAIL TRADE — SIC 52-59				
1977	188.6	–	–	–
1978	200.8	–	–	–
1979	204.5	–	–	–
1980	198.8	–	–	–
1981	195.7	–	–	–

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
FINANCE, INSURANCE, AND REAL ESTATE				
1977	46.3	–	–	–
1978	48.8	–	–	–
1979	51.0	–	–	–
1980	52.3	–	–	–
1981	52.0	–	–	–
SERVICES				
1977	185.9	–	–	–
1978	196.8	–	–	–
1979	204.8	–	–	–
1980	210.5	–	–	–
1981	214.7	–	–	–
LAUNDRIES, CLEANING, AND GARMENT SERVICES — SIC 721				
1977	5.7	–	–	–
1978	5.7	–	–	–
1979	5.7	–	–	–
1980	5.4	–	–	–
1981	5.2	–	–	–
GOVERNMENT				
1977	212.0	–	–	–
1978	220.3	–	–	–
1979	230.4	–	–	–
1980	230.9	–	–	–
1981	227.1	–	–	–
FEDERAL GOVERNMENT				
1977	40.1	–	–	–
1978	39.8	–	–	–
1979	38.4	–	–	–
1980	39.6	–	–	–
1981	38.9	–	–	–
STATE AND LOCAL GOVERNMENT				
1977	171.9	–	–	–
1978	180.5	–	–	–
1979	192.0	–	–	–
1980	191.3	–	–	–
1981	188.2	–	–	–
STATE AND LOCAL EDUCATION — SIC 82,941				
1977	95.3	–	–	–
1978	98.2	–	–	–
1979	106.4	–	–	–
1980	107.0	–	–	–
1981	105.2	–	–	–
LEXINGTON-FAYETTE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	133.0	–	–	–
1978	142.0	–	–	–
1979	146.7	–	–	–
1980	143.1	–	–	–
1981	143.6	–	–	–
CONSTRUCTION				
1977	6.9	–	–	–
1978	7.8	–	–	–
1979	8.1	–	–	–
1980	6.7	–	–	–
1981	6.0	–	–	–
MANUFACTURING				
1977	29.4	–	–	–
1978	30.4	–	–	–
1979	31.2	262.01	39.4	6.65
1980	29.7	282.20	38.5	7.33
1981	29.5	318.98	38.9	8.20
DURABLE GOODS				
1977	21.9	–	–	–
1978	22.9	–	–	–
1979	23.9	272.56	40.2	6.78
1980	22.6	294.91	38.5	7.66
1981	22.3	336.96	39.0	8.64

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
LEXINGTON-FAYETTE (Con.)				
PRIMARY METALS, FABRICATED METALS, AND MACHINERY — SIC 33-36				
1977	16.5	–	–	–
1978	17.3	–	–	–
1979	18.0	–	–	–
1980	17.4	–	–	–
1981	17.3	–	–	–
NONDURABLE GOODS				
1977	7.5	–	–	–
1978	7.5	–	–	–
1979	7.3	236.11	37.3	6.33
1980	7.1	250.10	38.3	6.53
1981	7.3	277.15	38.6	7.18
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	1.3	–	–	–
1978	1.2	–	–	–
1979	1.1	–	–	–
1980	1.2	–	–	–
1981	1.0	–	–	–
TOBACCO MANUFACTURES — SIC 21				
1977	1.1	–	–	–
1978	1.1	–	–	–
1979	1.0	–	–	–
1980	.7	–	–	–
1981	.7	–	–	–
TEXTILES, AND APPAREL — SIC 22,23				
1977	1.7	–	–	–
1978	1.6	–	–	–
1979	1.6	–	–	–
1980	1.5	–	–	–
1981	1.2	–	–	–
PRINTING AND PUBLISHING — SIC 27				
1977	1.9	–	–	–
1978	1.9	–	–	–
1979	2.0	–	–	–
1980	2.1	–	–	–
1981	2.1	–	–	–
TRANSPORTATION AND PUBLIC UTILITIES				
1977	6.2	–	–	–
1978	6.9	–	–	–
1979	7.3	–	–	–
1980	7.3	–	–	–
1981	7.5	–	–	–
TRANSPORTATION — SIC 40-42,44-47				
1977	2.7	–	–	–
1978	3.0	–	–	–
1979	3.2	–	–	–
1980	3.1	–	–	–
1981	3.2	–	–	–
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	3.5	–	–	–
1978	3.9	–	–	–
1979	4.1	–	–	–
1980	4.2	–	–	–
1981	4.4	–	–	–
WHOLESALE AND RETAIL TRADE				
1977	30.1	–	–	–
1978	32.4	–	–	–
1979	33.0	–	–	–
1980	32.0	–	–	–
1981	31.8	–	–	–
WHOLESALE TRADE — SIC 50,51				
1977	5.9	–	–	–
1978	6.6	–	–	–
1979	6.8	–	–	–
1980	6.6	–	–	–
1981	6.5	–	–	–

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
LEXINGTON-FAYETTE (Con.)				
RETAIL TRADE — SIC 52-59				
1977	24.2	-	-	-
1978	25.8	-	-	-
1979	26.2	-	-	-
1980	25.4	-	-	-
1981	25.3	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	6.3	-	-	-
1978	6.7	-	-	-
1979	7.1	-	-	-
1980	7.2	-	-	-
1981	7.2	-	-	-
SERVICES AND MINING				
1977	23.3	-	-	-
1978	25.2	-	-	-
1979	26.7	-	-	-
1980	26.9	-	-	-
1981	28.7	-	-	-
GOVERNMENT				
1977	30.7	-	-	-
1978	32.6	-	-	-
1979	33.3	-	-	-
1980	33.3	-	-	-
1981	33.0	-	-	-
LOUISVILLE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	372.4	-	-	-
1978	394.8	-	-	-
1979	402.7	-	-	-
1980	391.7	-	-	-
1981	383.4	-	-	-
CONSTRUCTION				
1977	17.6	-	-	-
1978	19.6	-	-	-
1979	19.9	-	-	-
1980	17.5	-	-	-
1981	17.2	-	-	-
MANUFACTURING				
1977	106.9	260.90	40.2	6.49
1978	110.0	283.61	40.4	7.02
1979	109.4	309.06	40.4	7.65
1980	100.3	330.96	39.4	8.40
1981	96.5	366.96	39.8	9.22
DURABLE GOODS				
1977	63.5	268.71	40.9	6.57
1978	66.4	288.16	40.7	7.08
1979	66.4	319.54	40.2	7.70
1980	58.6	329.48	38.9	8.47
1981	55.8	369.47	39.6	9.33
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	4.6	197.72	40.6	4.87
1978	4.9	215.36	41.1	5.24
1979	4.7	232.83	39.8	5.85
1980	4.0	242.94	38.5	6.31
1981	3.9	281.70	40.3	6.99
FURNITURE AND FIXTURES — SIC 25				
1977	1.6	174.69	41.2	4.24
1978	1.6	183.92	40.6	4.53
1979	1.5	200.27	39.5	5.07
1980	1.4	222.05	39.3	5.65
1981	1.4	203.23	33.1	6.14
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	2.2	258.96	41.7	6.21
1978	2.3	311.53	42.5	7.33
1979	2.7	347.62	42.6	8.16
1980	2.6	342.69	40.7	8.42
1981	2.3	352.41	39.2	8.99
LOUISVILLE (Con.)				
FABRICATED METAL PRODUCTS — SIC 34				
1977	9.8	233.82	39.1	5.98
1978	9.9	245.00	39.2	6.25
1979	10.0	277.93	39.2	7.09
1980	9.4	[1] 308.11	[1] 39.3	[1] 7.84
1981	9.0	326.98	39.3	8.32
MACHINERY — SIC 35,36				
1977	31.7	268.94	40.2	6.69
1978	32.5	282.98	39.8	7.11
1979	32.6	310.40	40.0	7.76
1980	29.8	327.75	37.5	8.74
1981	27.7	369.99	38.5	9.61
TRANSPORTATION EQUIPMENT — SIC 37				
1977	9.3	354.76	44.4	7.99
1978	10.9	376.28	43.5	8.65
1979	10.5	371.21	41.2	9.01
1980	7.4	404.28	42.2	9.58
1981	7.6	462.03	43.1	10.72
NONDURABLE GOODS				
1977	43.4	248.92	[illegible]	6.35
1978	43.6	276.80	40.0	6.92
1979	43.0	307.29	40.7	7.55
1980	41.7	333.23	40.1	8.31
1981	40.7	362.80	40.0	9.07
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	11.8	251.65	40.2	6.26
1978	11.1	278.07	40.3	6.90
1979	10.8	327.13	43.1	7.59
1980	10.5	349.38	42.4	8.24
1981	9.8	365.31	41.0	8.91
TOBACCO MANUFACTURES — SIC 21				
1977	9.5	248.33	36.2	6.86
1978	9.4	291.08	38.0	7.66
1979	8.9	314.87	37.8	8.33
1980	8.4	373.26	38.6	9.67
1981	8.5	413.95	37.7	10.98
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	2.1	134.64	37.4	3.60
1978	2.2	152.45	38.4	3.97
1979	2.2	175.31	40.3	4.35
1980	2.3	[1] 170.48	[1] 37.8	[1] 4.51
1981	2.2	185.50	37.4	4.96
PRINTING AND PUBLISHING — SIC 27				
1977	6.8	234.78	39.0	6.02
1978	7.1	261.74	39.9	6.56
1979	7.3	282.63	39.2	7.21
1980	7.3	296.29	37.6	7.88
1981	7.3	323.17	38.2	8.46
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	9.3	307.75	41.7	7.38
1978	9.3	329.01	41.7	7.89
1979	9.2	363.37	42.4	8.57
1980	8.8	394.83	41.3	9.56
1981	8.4	442.26	42.0	10.53
TRANSPORTATION AND PUBLIC UTILITIES				
1977	23.4	-	-	-
1978	24.4	-	-	-
1979	25.1	-	-	-
1980	24.3	-	-	-
1981	23.4	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	83.0	-	-	-
1978	89.9	-	-	-
1979	90.1	-	-	-
1980	89.0	-	-	-
1981	87.3	-	-	-
LOUISVILLE (Con.)				
FINANCE, INSURANCE, AND REAL ESTATE				
1977	20.6	-	-	-
1978	21.8	-	-	-
1979	22.8	-	-	-
1980	23.5	-	-	-
1981	24.2	-	-	-
SERVICES AND MINING				
1977	68.3	-	-	-
1978	72.4	-	-	-
1979	75.0	-	-	-
1980	76.0	-	-	-
1981	76.7	-	-	-
GOVERNMENT				
1977	52.7	-	-	-
1978	56.7	-	-	-
1979	60.4	-	-	-
1980	61.0	-	-	-
1981	58.1	-	-	-
OWENSBORO				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	28.3	-	-	-
1978	30.4	-	-	-
1979	30.9	-	-	-
1980	31.3	-	-	-
1981	31.3	-	-	-
MINING				
1977	.6	-	-	-
1978	.8	-	-	-
1979	.8	-	-	-
1980	1.0	-	-	-
1981	1.1	-	-	-
CONSTRUCTION				
1977	1.8	-	-	-
1978	2.3	-	-	-
1979	2.2	-	-	-
1980	2.0	-	-	-
1981	1.7	-	-	-
MANUFACTURING				
1977	7.3	-	-	-
1978	7.0	-	-	-
1979	6.9	-	-	-
1980	7.0	-	-	-
1981	6.7	-	-	-
DURABLE GOODS				
1977	4.2	-	-	-
1978	4.1	-	-	-
1979	4.0	-	-	-
1980	3.9	-	-	-
1981	3.7	-	-	-
PRIMARY METALS, FABRICATED METALS, AND MACHINERY — SIC 33-36				
1977	3.5	-	-	-
1978	3.3	-	-	-
1979	3.2	-	-	-
1980	3.3	-	-	-
1981	3.2	-	-	-
NONDURABLE GOODS				
1977	3.1	-	-	-
1978	2.9	-	-	-
1979	2.9	-	-	-
1980	3.1	-	-	-
1981	3.0	-	-	-
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	1.5	-	-	-
1978	1.5	-	-	-
1979	1.6	-	-	-
1980	1.7	-	-	-
1981	1.6	-	-	-

See footnotes at end of tables.

KENTUCKY

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
OWENSBORO (Con.)				
TRANSPORTATION AND PUBLIC UTILITIES				
1977	2.0	-	-	-
1978	2.1	-	-	-
1979	2.3	-	-	-
1980	2.4	-	-	-
1981	2.3	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	6.7	-	-	-
1978	7.5	-	-	-
1979	7.3	-	-	-
1980	7.1	-	-	-
1981	7.2	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	1.4	-	-	-
1978	1.5	-	-	-
1979	1.5	-	-	-
1980	1.5	-	-	-
1981	1.5	-	-	-
RETAIL TRADE — SIC 52-59				
1977	5.3	-	-	-
1978	6.0	-	-	-
1979	5.8	-	-	-
1980	5.6	-	-	-
1981	5.7	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	1.1	-	-	-
1978	1.1	-	-	-
1979	1.2	-	-	-
1980	1.2	-	-	-
1981	1.3	-	-	-
SERVICES				
1977	4.7	-	-	-
1978	5.3	-	-	-
1979	5.6	-	-	-
1980	5.9	-	-	-
1981	6.2	-	-	-
GOVERNMENT				
1977	4.1	-	-	-
1978	4.3	-	-	-
1979	4.6	-	-	-
1980	4.7	-	-	-
1981	4.8	-	-	-
FEDERAL GOVERNMENT				
1977	.4	-	-	-
1978	.4	-	-	-
1979	.3	-	-	-
1980	.3	-	-	-
1981	.3	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	3.7	-	-	-
1978	3.9	-	-	-
1979	4.3	-	-	-
1980	4.4	-	-	-
1981	4.5	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Production or nonsupervisory workers: Average weekly hours	Production or nonsupervisory workers: Average hourly earnings (dollars)
STATEWIDE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	1,364.6	-	-	-
1978	1,463.5	-	-	-
1979	1,517.4	-	-	-
1980	1,578.9	-	-	-
1981	1,627.5	-	-	-
MINING				
1977	68.0	322.08	48.0	6.71
1978	73.7	339.86	47.4	7.17
1979	78.5	374.03	48.2	7.76
1980	89.4	391.76	45.5	8.61
1981	97.4	466.09	48.2	9.67
OIL AND GAS EXTRACTION — SIC 13				
1977	64.0	-	-	-
1978	70.1	-	-	-
1979	74.8	-	-	-
1980	85.3	-	-	-
1981	93.5	-	-	-
NONMETALLIC MINERALS, EXCEPT FUELS — SIC 14				
1977	4.0	-	-	-
1978	3.6	-	-	-
1979	3.7	-	-	-
1980	4.1	-	-	-
1981	3.9	-	-	-
CONSTRUCTION				
1977	111.1	-	-	-
1978	124.4	-	-	-
1979	131.8	-	-	-
1980	138.6	-	-	-
1981	139.3	-	-	-
MANUFACTURING				
1977	203.3	240.35	41.8	5.75
1978	209.5	267.07	41.6	6.42
1979	213.6	287.86	41.3	6.97
1980	212.2	318.89	41.2	7.74
1981	220.1	362.08	42.2	8.58
DURABLE GOODS				
1977	93.5	227.97	41.6	5.48
1978	98.0	251.45	41.7	6.03
1979	102.7	276.86	41.2	6.72
1980	103.7	310.25	41.7	7.44
1981	108.3	337.43	41.0	8.23
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	17.2	171.47	43.3	3.96
1978	17.1	199.71	43.7	4.57
1979	16.9	210.84	42.0	5.02
1980	14.6	225.50	41.0	5.50
1981	13.9	241.13	40.8	5.91
FURNITURE AND FIXTURES — SIC 25				
1977	1.2	-	-	-
1978	1.2	-	-	-
1979	1.1	-	-	-
1980	.9	-	-	-
1981	.8	-	-	-
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	8.9	215.71	40.7	5.30
1978	9.5	238.79	41.1	5.81
1979	9.1	265.65	41.9	6.34
1980	8.6	290.56	40.3	7.21
1981	8.2	318.33	40.5	7.86
STATEWIDE (Con.)				
PRIMARY METAL INDUSTRIES — SIC 33				
1977	6.9	-	-	-
1978	7.5	-	-	-
1979	7.5	-	-	-
1980	7.6	-	-	-
1981	7.9	-	-	-
FABRICATED METAL PRODUCTS — SIC 34				
1977	14.8	252.47	41.8	6.04
1978	15.9	272.12	41.8	6.51
1979	16.9	304.83	41.7	7.31
1980	17.4	337.64	42.1	8.02
1981	19.1	365.82	42.0	8.71
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	8.9	247.64	41.0	6.04
1978	9.8	280.08	42.5	6.59
1979	11.0	293.34	41.2	7.12
1980	13.4	305.37	39.0	7.83
1981	15.6	351.37	41.0	8.57
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	10.8	242.53	41.6	5.83
1978	11.2	270.34	41.4	6.53
1979	11.9	296.84	41.0	7.24
1980	10.8	302.25	38.7	7.81
1981	10.9	346.40	40.1	8.64
TRANSPORTATION EQUIPMENT — SIC 37				
1977	22.1	261.94	42.8	6.12
1978	23.2	279.89	41.9	6.68
1979	25.7	300.96	41.8	7.20
1980	28.1	357.98	45.2	7.92
1981	29.2	381.50	43.6	8.75
NONDURABLE GOODS				
1977	109.8	253.02	42.1	6.01
1978	111.5	281.52	41.4	6.80
1979	110.9	298.19	41.3	7.22
1980	110.5	327.64	40.6	8.07
1981	111.8	388.46	43.5	8.93
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	28.7	165.97	39.8	4.17
1978	28.3	185.44	40.4	4.59
1979	27.3	180.59	38.1	4.74
1980	26.7	217.95	39.2	5.56
1981	26.7	238.61	38.3	6.23
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	11.3	108.78	37.0	2.94
1978	11.3	121.09	35.2	3.44
1979	11.1	134.97	35.8	3.77
1980	11.0	143.39	36.3	3.95
1981	9.7	175.85	40.8	4.31
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	15.0	288.00	45.0	6.40
1978	14.6	338.85	45.0	7.53
1979	13.3	366.54	44.7	8.20
1980	13.3	398.58	45.5	8.76
1981	13.2	435.97	42.7	10.21
PRINTING AND PUBLISHING — SIC 27				
1977	8.7	215.28	36.8	5.85
1978	8.8	233.14	36.6	6.37
1979	9.1	230.51	37.3	6.18
1980	9.2	267.17	36.8	7.26
1981	9.4	274.03	36.2	7.57
STATEWIDE (Con.)				
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	31.0	359.42	44.1	8.15
1978	31.8	402.26	44.4	9.06
1979	32.6	437.85	45.0	9.73
1980	32.5	472.94	42.8	11.05
1981	32.3	514.11	42.7	12.04
PETROLEUM AND COAL PRODUCTS — SIC 29				
1977	10.5	367.64	45.5	8.08
1978	11.7	409.09	46.7	8.76
1979	12.6	444.62	47.3	9.40
1980	13.6	476.78	45.8	10.41
1981	16.2	537.52	46.7	11.51
PETROLEUM REFINING — SIC 291				
1977	9.6	377.22	44.8	8.42
1978	10.8	418.11	46.2	9.05
1979	11.7	456.94	47.4	9.64
1980	12.6	488.53	45.7	10.69
1981	15.1	550.84	46.8	11.77
TRANSPORTATION AND PUBLIC UTILITIES				
1977	103.6	-	-	-
1978	113.3	-	-	-
1979	119.1	-	-	-
1980	126.9	-	-	-
1981	132.1	-	-	-
RAILROAD TRANSPORTATION — SIC 40				
1977	7.4	-	-	-
1978	7.5	-	-	-
1979	8.1	-	-	-
1980	9.2	-	-	-
1981	9.7	-	-	-
TRANSPORTATION, EXCEPT RAILROADS — SIC 41,42,44–47				
1977	61.1	-	-	-
1978	68.7	-	-	-
1979	72.5	-	-	-
1980	77.1	-	-	-
1981	81.0	-	-	-
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	35.1	265.02	40.4	6.56
1978	37.1	295.92	41.1	7.20
1979	38.5	319.50	40.7	7.85
1980	40.6	350.27	40.4	8.67
1981	41.4	394.80	40.0	9.87
WHOLESALE AND RETAIL TRADE				
1977	324.6	-	-	-
1978	345.4	-	-	-
1979	354.2	-	-	-
1980	359.3	-	-	-
1981	369.2	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	88.2	-	-	-
1978	95.4	-	-	-
1979	100.4	-	-	-
1980	102.3	-	-	-
1981	105.0	-	-	-
RETAIL TRADE — SIC 52–59				
1977	236.4	-	-	-
1978	250.0	-	-	-

See footnotes at end of tables.

LOUISIANA

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
RETAIL TRADE — SIC 52-59 (Con.)				
1979	253.8	-	-	-
1980	257.0	-	-	-
1981	264.2	-	-	-
GENERAL MERCHANDISE, APPAREL AND ACCESSORY STORES — SIC 53,56				
1977	56.0	-	-	-
1978	58.2	-	-	-
1979	57.5	-	-	-
1980	58.5	-	-	-
1981	59.1	-	-	-
FOOD STORES — SIC 54				
1977	40.3	-	-	-
1978	42.2	-	-	-
1979	43.7	-	-	-
1980	46.0	-	-	-
1981	47.6	-	-	-
AUTOMOTIVE DEALERS AND SERVICE STATIONS — SIC 55				
1977	33.3	-	-	-
1978	34.4	-	-	-
1979	33.1	-	-	-
1980	31.6	-	-	-
1981	31.8	-	-	-
EATING AND DRINKING PLACES — SIC 58				
1977	61.4	-	-	-
1978	67.3	-	-	-
1979	70.4	-	-	-
1980	71.8	-	-	-
1981	75.2	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	66.1	-	-	-
1978	70.7	-	-	-
1979	73.3	-	-	-
1980	75.0	-	-	-
1981	75.1	-	-	-
BANKING — SIC 60				
1977	19.6	132.97	38.1	3.49
1978	21.2	139.74	35.2	3.97
1979	22.7	156.65	36.6	4.28
1980	24.2	175.97	37.6	4.68
1981	25.3	184.62	37.6	4.91
SERVICES				
1977	230.5	-	-	-
1978	246.2	-	-	-
1979	257.2	-	-	-
1980	274.7	-	-	-
1981	288.1	-	-	-
HOTELS AND OTHER LODGING PLACES — SIC 70				
1977	15.8	-	-	-
1978	17.3	-	-	-
1979	18.4	-	-	-
1980	20.5	-	-	-
1981	21.1	-	-	-
GOVERNMENT				
1977	257.4	-	-	-
1978	280.3	-	-	-
1979	289.7	-	-	-
1980	300.8	-	-	-
1981	306.2	-	-	-
FEDERAL GOVERNMENT				
1977	33.0	-	-	-
1978	34.3	-	-	-
1979	33.6	-	-	-
1980	35.6	-	-	-
1981	33.7	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
STATE AND LOCAL GOVERNMENT				
1977	224.4	-	-	-
1978	246.0	-	-	-
1979	256.1	-	-	-
1980	265.2	-	-	-
1981	272.5	-	-	-
STATE GOVERNMENT				
1977	77.7	-	-	-
1978	84.3	-	-	-
1979	90.7	-	-	-
1980	95.8	-	-	-
1981	96.4	-	-	-
LOCAL GOVERNMENT				
1977	146.7	-	-	-
1978	161.7	-	-	-
1979	165.4	-	-	-
1980	169.4	-	-	-
1981	176.1	-	-	-
ALEXANDRIA				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	48.1	-	-	-
1978	50.8	-	-	-
1979	51.4	-	-	-
1980	52.4	-	-	-
1981	53.3	-	-	-
CONSTRUCTION				
1977	3.2	-	-	-
1978	3.2	-	-	-
1979	3.6	-	-	-
1980	4.1	-	-	-
1981	4.0	-	-	-
MANUFACTURING				
1977	6.2	-	-	-
1978	6.3	-	-	-
1979	6.0	-	-	-
1980	5.7	-	-	-
1981	5.3	-	-	-
DURABLE GOODS				
1977	3.1	-	-	-
1978	3.2	-	-	-
1979	3.1	-	-	-
1980	3.2	-	-	-
1981	3.2	-	-	-
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	1.2	-	-	-
1978	1.2	-	-	-
1979	1.3	-	-	-
1980	1.2	-	-	-
1981	1.2	-	-	-
NONDURABLE GOODS				
1977	3.1	-	-	-
1978	3.1	-	-	-
1979	2.9	-	-	-
1980	2.5	-	-	-
1981	2.1	-	-	-
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	1.2	-	-	-
1978	1.3	-	-	-
1979	1.1	-	-	-
1980	.8	-	-	-
1981	.8	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	2.3	-	-	-
1978	2.5	-	-	-
1979	2.6	-	-	-
1980	2.5	-	-	-
1981	2.4	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
ALEXANDRIA (Con.)				
WHOLESALE AND RETAIL TRADE				
1977	11.0	-	-	-
1978	11.3	-	-	-
1979	11.3	-	-	-
1980	11.2	-	-	-
1981	11.6	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	2.5	-	-	-
1978	2.5	-	-	-
1979	2.5	-	-	-
1980	2.6	-	-	-
1981	2.7	-	-	-
RETAIL TRADE — SIC 52-59				
1977	8.5	-	-	-
1978	8.8	-	-	-
1979	8.8	-	-	-
1980	8.6	-	-	-
1981	8.9	-	-	-
GENERAL MERCHANDISE STORES — SIC 53				
1977	1.8	-	-	-
1978	1.8	-	-	-
1979	1.8	-	-	-
1980	1.7	-	-	-
1981	1.8	-	-	-
AUTOMOTIVE DEALERS AND SERVICE STATIONS — SIC 55				
1977	1.4	-	-	-
1978	1.5	-	-	-
1979	1.4	-	-	-
1980	1.3	-	-	-
1981	1.3	-	-	-
EATING AND DRINKING PLACES — SIC 58				
1977	1.7	-	-	-
1978	1.9	-	-	-
1979	1.9	-	-	-
1980	2.0	-	-	-
1981	2.2	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	2.9	-	-	-
1978	2.9	-	-	-
1979	2.7	-	-	-
1980	2.9	-	-	-
1981	2.9	-	-	-
SERVICES AND MINING				
1977	8.8	-	-	-
1978	9.7	-	-	-
1979	10.0	-	-	-
1980	10.5	-	-	-
1981	11.2	-	-	-
HEALTH SERVICES — SIC 80				
1977	3.7	-	-	-
1978	4.0	-	-	-
1979	4.1	-	-	-
1980	4.5	-	-	-
1981	4.8	-	-	-
GOVERNMENT				
1977	13.7	-	-	-
1978	14.9	-	-	-
1979	15.2	-	-	-
1980	15.5	-	-	-
1981	15.9	-	-	-
FEDERAL GOVERNMENT				
1977	2.6	-	-	-
1978	2.7	-	-	-
1979	2.7	-	-	-
1980	2.7	-	-	-
1981	2.7	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
ALEXANDRIA (Con.)				
STATE GOVERNMENT				
1977	5.0	-	-	-
1978	5.2	-	-	-
1979	5.2	-	-	-
1980	5.5	-	-	-
1981	5.7	-	-	-
LOCAL GOVERNMENT				
1977	6.1	-	-	-
1978	7.0	-	-	-
1979	7.3	-	-	-
1980	7.3	-	-	-
1981	7.5	-	-	-
BATON ROUGE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	176.6	-	-	-
1978	188.5	-	-	-
1979	195.3	-	-	-
1980	201.8	-	-	-
1981	205.4	-	-	-
MINING				
1977	1.0	-	-	-
1978	1.0	-	-	-
1979	1.0	-	-	-
1980	1.2	-	-	-
1981	1.2	-	-	-
CONSTRUCTION				
1977	22.0	-	-	-
1978	24.2	-	-	-
1979	24.0	-	-	-
1980	25.8	-	-	-
1981	25.2	-	-	-
MANUFACTURING				
1977	23.8	303.02	42.8	7.08
1978	25.1	338.09	43.4	7.79
1979	25.6	365.51	42.7	8.56
1980	25.9	416.56	42.9	9.71
1981	26.4	451.76	42.3	10.68
DURABLE GOODS				
1977	4.7	-	-	-
1978	4.8	-	-	-
1979	5.1	-	-	-
1980	5.1	-	-	-
1981	5.5	-	-	-
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	.7	-	-	-
1978	.7	-	-	-
1979	.6	-	-	-
1980	.6	-	-	-
1981	.7	-	-	-
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	.9	-	-	-
1978	.9	-	-	-
1979	1.0	-	-	-
1980	.9	-	-	-
1981	1.0	-	-	-
FABRICATED METAL PRODUCTS — SIC 34				
1977	1.2	-	-	-
1978	1.1	-	-	-
1979	1.2	-	-	-
1980	1.2	-	-	-
1981	1.3	-	-	-
NONDURABLE GOODS				
1977	19.1	-	-	-
1978	20.3	-	-	-
1979	20.5	-	-	-
1980	20.8	-	-	-
1981	20.9	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
BATON ROUGE (Con.)				
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	2.2	-	-	-
1978	2.1	-	-	-
1979	2.2	-	-	-
1980	2.2	-	-	-
1981	2.3	-	-	-
PRINTING AND PUBLISHING — SIC 27				
1977	1.3	-	-	-
1978	1.4	-	-	-
1979	1.4	-	-	-
1980	1.5	-	-	-
1981	1.5	-	-	-
CHEMICALS, AND PETROLEUM — SIC 28,29				
1977	14.6	372.29	44.8	8.31
1978	15.6	418.61	45.9	9.12
1979	15.2	454.95	45.0	10.11
1980	15.4	502.11	44.2	11.36
1981	15.3	550.23	43.6	12.62
TRANSPORTATION AND PUBLIC UTILITIES				
1977	8.6	-	-	-
1978	9.6	-	-	-
1979	10.1	-	-	-
1980	10.6	-	-	-
1981	10.8	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	38.3	-	-	-
1978	41.7	-	-	-
1979	43.0	-	-	-
1980	44.1	-	-	-
1981	46.2	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	9.4	-	-	-
1978	10.3	-	-	-
1979	11.0	-	-	-
1980	11.8	-	-	-
1981	12.3	-	-	-
RETAIL TRADE — SIC 52-59				
1977	28.9	-	-	-
1978	31.4	-	-	-
1979	32.0	-	-	-
1980	32.3	-	-	-
1981	33.9	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	10.1	-	-	-
1978	10.5	-	-	-
1979	11.2	-	-	-
1980	11.2	-	-	-
1981	12.2	-	-	-
SERVICES				
1977	27.1	-	-	-
1978	29.3	-	-	-
1979	31.3	-	-	-
1980	33.7	-	-	-
1981	35.4	-	-	-
GOVERNMENT				
1977	45.7	-	-	-
1978	47.1	-	-	-
1979	49.1	-	-	-
1980	49.3	-	-	-
1981	48.0	-	-	-
LAFAYETTE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	58.1	-	-	-
1978	65.5	-	-	-
1979	72.9	-	-	-
1980	79.5	-	-	-
1981	89.6	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
LAFAYETTE (Con.)				
MINING				
1977	9.4	-	-	-
1978	11.6	-	-	-
1979	12.5	-	-	-
1980	15.1	-	-	-
1981	18.3	-	-	-
CONSTRUCTION				
1977	4.8	-	-	-
1978	4.9	-	-	-
1979	5.6	-	-	-
1980	5.7	-	-	-
1981	5.7	-	-	-
MANUFACTURING				
1977	3.2	-	-	-
1978	3.5	-	-	-
1979	3.7	-	-	-
1980	4.2	-	-	-
1981	4.7	-	-	-
DURABLE GOODS				
1977	1.3	-	-	-
1978	1.5	-	-	-
1979	1.9	-	-	-
1980	2.1	-	-	-
1981	2.5	-	-	-
NONDURABLE GOODS				
1977	2.0	-	-	-
1978	2.0	-	-	-
1979	1.8	-	-	-
1980	2.1	-	-	-
1981	2.2	-	-	-
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	1.4	-	-	-
1978	1.4	-	-	-
1979	1.3	-	-	-
1980	1.4	-	-	-
1981	1.4	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	4.2	-	-	-
1978	4.6	-	-	-
1979	5.1	-	-	-
1980	5.8	-	-	-
1981	6.8	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	15.7	-	-	-
1978	17.4	-	-	-
1979	19.5	-	-	-
1980	20.8	-	-	-
1981	23.3	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	4.5	-	-	-
1978	5.2	-	-	-
1979	6.3	-	-	-
1980	7.0	-	-	-
1981	7.8	-	-	-
RETAIL TRADE — SIC 52-59				
1977	11.2	-	-	-
1978	12.2	-	-	-
1979	13.2	-	-	-
1980	13.8	-	-	-
1981	15.5	-	-	-
GENERAL MERCHANDISE STORES — SIC 53				
1977	2.4	-	-	-
1978	2.3	-	-	-
1979	2.6	-	-	-
1980	2.6	-	-	-
1981	2.9	-	-	-

See footnotes at end of tables.

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Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
LAFAYETTE (Con.)				
FOOD STORES — SIC 54				
1977	1.3	–	–	–
1978	1.5	–	–	–
1979	1.6	–	–	–
1980	1.8	–	–	–
1981	1.9	–	–	–
AUTOMOTIVE DEALERS AND SERVICE STATIONS — SIC 55				
1977	1.4	–	–	–
1978	1.6	–	–	–
1979	1.6	–	–	–
1980	1.7	–	–	–
1981	1.8	–	–	–
FINANCE, INSURANCE, AND REAL ESTATE				
1977	1.8	–	–	–
1978	2.1	–	–	–
1979	2.4	–	–	–
1980	2.7	–	–	–
1981	3.1	–	–	–
SERVICES				
1977	10.1	–	–	–
1978	12.4	–	–	–
1979	14.2	–	–	–
1980	15.3	–	–	–
1981	17.3	–	–	–
GOVERNMENT				
1977	8.9	–	–	–
1978	9.0	–	–	–
1979	9.9	–	–	–
1980	9.9	–	–	–
1981	10.4	–	–	–
LAKE CHARLES				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	54.0	–	–	–
1978	59.0	–	–	–
1979	63.5	–	–	–
1980	67.3	–	–	–
1981	70.9	–	–	–
MINING				
1977	1.6	–	–	–
1978	1.8	–	–	–
1979	1.7	–	–	–
1980	2.1	–	–	–
1981	2.4	–	–	–
CONSTRUCTION				
1977	5.2	–	–	–
1978	6.3	–	–	–
1979	8.4	–	–	–
1980	9.7	–	–	–
1981	10.5	–	–	–
MANUFACTURING				
1977	11.3	–	–	–
1978	12.1	–	–	–
1979	13.0	–	–	–
1980	13.3	–	–	–
1981	13.4	–	–	–
DURABLE GOODS				
1977	2.0	–	–	–
1978	1.9	–	–	–
1979	2.0	–	–	–
1980	1.8	–	–	–
1981	1.8	–	–	–
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	.8	–	–	–
1978	.6	–	–	–
1979	.5	–	–	–
1980	.3	–	–	–
1981	.3	–	–	–

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
LAKE CHARLES (Con.)				
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	0.2	–	–	–
1978	.3	–	–	–
1979	.3	–	–	–
1980	.3	–	–	–
1981	.3	–	–	–
NONDURABLE GOODS				
1977	9.3	–	–	–
1978	10.2	–	–	–
1979	11.0	–	–	–
1980	11.5	–	–	–
1981	11.6	–	–	–
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	.5	–	–	–
1978	.5	–	–	–
1979	.5	–	–	–
1980	.5	–	–	–
1981	.4	–	–	–
CHEMICALS, AND PETROLEUM — SIC 28,29				
1977	8.4	–	–	–
1978	9.2	–	–	–
1979	10.0	–	–	–
1980	10.5	–	–	–
1981	10.7	–	–	–
TRANSPORTATION AND PUBLIC UTILITIES				
1977	2.9	–	–	–
1978	3.3	–	–	–
1979	3.6	–	–	–
1980	4.2	–	–	–
1981	4.4	–	–	–
WHOLESALE AND RETAIL TRADE				
1977	12.5	–	–	–
1978	13.5	–	–	–
1979	14.1	–	–	–
1980	14.4	–	–	–
1981	15.1	–	–	–
WHOLESALE TRADE — SIC 50,51				
1977	2.6	–	–	–
1978	2.8	–	–	–
1979	3.0	–	–	–
1980	3.2	–	–	–
1981	3.5	–	–	–
RETAIL TRADE — SIC 52-59				
1977	9.9	–	–	–
1978	10.7	–	–	–
1979	11.1	–	–	–
1980	11.2	–	–	–
1981	11.6	–	–	–
GENERAL MERCHANDISE, APPAREL AND ACCESSORY STORES — SIC 53,56				
1977	2.2	–	–	–
1978	2.3	–	–	–
1979	2.3	–	–	–
1980	2.3	–	–	–
1981	2.4	–	–	–
AUTOMOTIVE DEALERS AND SERVICE STATIONS — SIC 55				
1977	1.4	–	–	–
1978	1.4	–	–	–
1979	1.4	–	–	–
1980	1.3	–	–	–
1981	1.4	–	–	–
EATING AND DRINKING PLACES — SIC 58				
1977	2.6	–	–	–
1978	3.0	–	–	–
1979	3.3	–	–	–
1980	3.1	–	–	–
1981	3.2	–	–	–

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
LAKE CHARLES (Con.)				
FINANCE, INSURANCE, AND REAL ESTATE				
1977	2.3	–	–	–
1978	2.5	–	–	–
1979	2.6	–	–	–
1980	2.8	–	–	–
1981	2.9	–	–	–
SERVICES				
1977	8.8	–	–	–
1978	9.0	–	–	–
1979	9.1	–	–	–
1980	10.0	–	–	–
1981	10.8	–	–	–
HOTELS AND OTHER LODGING PLACES — SIC 70				
1977	.7	–	–	–
1978	.6	–	–	–
1979	.6	–	–	–
1980	.6	–	–	–
1981	.7	–	–	–
PERSONAL SERVICES — SIC 72				
1977	.4	–	–	–
1978	.5	–	–	–
1979	.5	–	–	–
1980	.5	–	–	–
1981	.5	–	–	–
GOVERNMENT				
1977	9.4	–	–	–
1978	10.5	–	–	–
1979	11.0	–	–	–
1980	10.8	–	–	–
1981	11.4	–	–	–
MONROE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	46.7	–	–	–
1978	49.3	–	–	–
1979	50.3	–	–	–
1980	51.1	–	–	–
1981	50.9	–	–	–
MINING				
1977	.4	–	–	–
1978	.5	–	–	–
1979	.6	–	–	–
1980	.6	–	–	–
1981	.7	–	–	–
CONSTRUCTION				
1977	4.2	–	–	–
1978	4.8	–	–	–
1979	4.2	–	–	–
1980	4.0	–	–	–
1981	3.4	–	–	–
MANUFACTURING				
1977	8.0	–	–	–
1978	8.4	–	–	–
1979	8.6	–	–	–
1980	8.1	–	–	–
1981	7.9	–	–	–
DURABLE GOODS				
1977	2.4	–	–	–
1978	2.5	–	–	–
1979	2.5	–	–	–
1980	2.2	–	–	–
1981	2.3	–	–	–
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	.3	–	–	–
1978	.3	–	–	–
1979	.3	–	–	–
1980	.2	–	–	–
1981	.2	–	–	–

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
MONROE (Con.)				
NONDURABLE GOODS				
1977	5.6	-	-	-
1978	5.9	-	-	-
1979	6.1	-	-	-
1980	5.9	-	-	-
1981	5.6	-	-	-
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	.7	-	-	-
1978	.7	-	-	-
1979	.8	-	-	-
1980	.9	-	-	-
1981	.8	-	-	-
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	.9	-	-	-
1978	.8	-	-	-
1979	.7	-	-	-
1980	.8	-	-	-
1981	.9	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	2.3	-	-	-
1978	2.4	-	-	-
1979	2.5	-	-	-
1980	2.6	-	-	-
1981	2.7	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	12.4	-	-	-
1978	12.8	-	-	-
1979	13.1	-	-	-
1980	13.1	-	-	-
1981	13.2	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	3.6	-	-	-
1978	3.6	-	-	-
1979	3.8	-	-	-
1980	4.0	-	-	-
1981	4.0	-	-	-
RETAIL TRADE — SIC 52-59				
1977	8.8	-	-	-
1978	9.2	-	-	-
1979	9.3	-	-	-
1980	9.1	-	-	-
1981	9.2	-	-	-
GENERAL MERCHANDISE, APPAREL AND ACCESSORY STORES — SIC 53,56				
1977	2.9	-	-	-
1978	3.0	-	-	-
1979	2.8	-	-	-
1980	2.8	-	-	-
1981	2.7	-	-	-
AUTOMOTIVE DEALERS AND SERVICE STATIONS — SIC 55				
1977	1.3	-	-	-
1978	1.4	-	-	-
1979	1.4	-	-	-
1980	1.2	-	-	-
1981	1.2	-	-	-
EATING AND DRINKING PLACES — SIC 58				
1977	1.8	-	-	-
1978	2.1	-	-	-
1979	2.3	-	-	-
1980	2.4	-	-	-
1981	2.5	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	3.0	-	-	-
1978	3.4	-	-	-
1979	3.5	-	-	-
1980	3.7	-	-	-
1981	3.9	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
MONROE (Con.)				
SERVICES				
1977	7.0	-	-	-
1978	7.3	-	-	-
1979	7.7	-	-	-
1980	8.4	-	-	-
1981	8.8	-	-	-
HOTELS AND OTHER LODGING PLACES — SIC 70				
1977	.4	-	-	-
1978	.4	-	-	-
1979	.4	-	-	-
1980	.5	-	-	-
1981	.6	-	-	-
PERSONAL SERVICES — SIC 72				
1977	.5	-	-	-
1978	.4	-	-	-
1979	.4	-	-	-
1980	.4	-	-	-
1981	.4	-	-	-
HEALTH SERVICES — SIC 80				
1977	2.8	-	-	-
1978	2.8	-	-	-
1979	3.0	-	-	-
1980	3.3	-	-	-
1981	3.5	-	-	-
GOVERNMENT				
1977	9.4	-	-	-
1978	9.7	-	-	-
1979	10.1	-	-	-
1980	10.6	-	-	-
1981	10.3	-	-	-
NEW ORLEANS				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	455.5	-	-	-
1978	482.4	-	-	-
1979	492.9	-	-	-
1980	507.1	-	-	-
1981	518.7	-	-	-
MINING				
1977	14.9	-	-	-
1978	15.6	-	-	-
1979	16.4	-	-	-
1980	18.0	-	-	-
1981	20.1	-	-	-
CONSTRUCTION				
1977	27.5	-	-	-
1978	30.6	-	-	-
1979	31.3	-	-	-
1980	31.4	-	-	-
1981	30.6	-	-	-
MANUFACTURING				
1977	51.2	233.74	40.3	5.80
1978	52.1	253.04	39.6	6.39
1979	53.9	278.47	40.3	6.91
1980	52.8	322.28	41.8	7.71
1981	52.7	348.53	41.1	8.48
DURABLE GOODS				
1977	29.7	259.53	41.0	6.33
1978	30.8	279.97	40.4	6.93
1979	32.7	307.91	41.0	7.51
1980	32.9	354.47	42.3	8.38
1981	33.8	381.36	42.0	9.08
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	.5	-	-	-
1978	.5	-	-	-
1979	.5	-	-	-
1980	.5	-	-	-
1981	.5	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
NEW ORLEANS (Con.)				
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	4.0	225.99	40.5	5.58
1978	4.0	256.47	41.5	6.18
1979	3.6	283.41	42.3	6.70
1980	3.3	299.77	40.4	7.42
1981	3.0	299.92	38.8	7.73
FABRICATED METAL PRODUCTS — SIC 34				
1977	3.9	282.50	45.2	6.25
1978	4.1	300.91	43.8	6.87
1979	4.6	342.86	43.4	7.90
1980	4.1	393.38	44.5	8.84
1981	4.1	429.12	44.7	9.60
MACHINERY — SIC 35,36				
1977	3.2	-	-	-
1978	3.6	-	-	-
1979	3.6	-	-	-
1980	3.6	-	-	-
1981	4.1	-	-	-
TRANSPORTATION EQUIPMENT — SIC 37				
1977	14.0	-	-	-
1978	14.3	-	-	-
1979	16.2	-	-	-
1980	17.3	-	-	-
1981	18.2	-	-	-
SHIP AND BOAT BUILDING AND REPAIRING — SIC 373				
1977	12.1	272.75	43.5	6.27
1978	12.2	280.90	41.8	6.72
1979	13.9	302.94	41.9	7.23
1980	14.7	352.00	44.5	7.91
1981	15.2	374.54	43.2	8.67
NONDURABLE GOODS				
1977	21.5	190.81	39.1	4.88
1978	21.3	208.51	38.4	5.43
1979	21.2	227.95	39.1	5.83
1980	19.9	257.22	40.7	6.32
1981	18.9	283.75	39.3	7.22
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	9.2	182.80	40.0	4.57
1978	9.0	202.58	39.8	5.09
1979	9.0	200.85	39.0	5.15
1980	8.5	232.88	41.0	5.68
1981	8.1	257.28	40.2	6.40
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	3.8	107.86	32.1	3.36
1978	3.7	102.37	29.5	3.47
1979	3.2	128.88	32.3	3.99
1980	2.5	120.33	33.8	3.56
1981	2.3	125.05	30.5	4.10
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	1.8	209.12	44.4	4.71
1978	1.6	229.60	43.9	5.23
1979	1.5	259.78	45.1	5.76
1980	1.5	289.07	46.4	6.23
1981	1.3	301.43	43.0	7.01
PRINTING AND PUBLISHING — SIC 27				
1977	3.3	236.12	40.5	5.83
1978	3.4	258.96	40.4	6.41
1979	3.5	247.42	40.1	6.17
1980	3.3	280.30	41.1	6.82
1981	3.2	299.46	43.4	6.90
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	1.5	313.72	44.0	7.13
1978	1.5	355.20	44.4	8.00
1979	2.0	397.70	43.8	9.08
1980	2.2	414.12	42.3	9.79
1981	2.2	477.17	41.1	11.61

See footnotes at end of tables.

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Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
NEW ORLEANS (Con.)				
PETROLEUM AND COAL PRODUCTS — SIC 29				
1977	1.3	–	–	–
1978	1.4	–	–	–
1979	1.4	–	–	–
1980	1.4	–	–	–
1981	1.5	–	–	–
TRANSPORTATION AND PUBLIC UTILITIES				
1977	45.8	–	–	–
1978	49.3	–	–	–
1979	51.2	–	–	–
1980	53.9	–	–	–
1981	55.8	–	–	–
RAILROAD TRANSPORTATION — SIC 40				
1977	2.7	–	–	–
1978	2.7	–	–	–
1979	2.7	–	–	–
1980	2.8	–	–	–
1981	2.6	–	–	–
WATER TRANSPORTATION — SIC 44				
1977	16.2	–	–	–
1978	18.1	–	–	–
1979	18.7	–	–	–
1980	20.9	–	–	–
1981	22.8	–	–	–
WHOLESALE AND RETAIL TRADE				
1977	118.2	–	–	–
1978	121.9	–	–	–
1979	124.4	–	–	–
1980	127.7	–	–	–
1981	130.2	–	–	–
WHOLESALE TRADE — SIC 50,51				
1977	33.7	–	–	–
1978	33.7	–	–	–
1979	35.7	–	–	–
1980	37.0	–	–	–
1981	38.4	–	–	–
RETAIL TRADE — SIC 52-59				
1977	84.5	–	–	–
1978	88.2	–	–	–
1979	88.7	–	–	–
1980	90.7	–	–	–
1981	91.8	–	–	–
FINANCE, INSURANCE, AND REAL ESTATE				
1977	27.4	–	–	–
1978	28.7	–	–	–
1979	29.7	–	–	–
1980	30.3	–	–	–
1981	31.1	–	–	–
SERVICES				
1977	97.4	–	–	–
1978	104.4	–	–	–
1979	106.3	–	–	–
1980	112.5	–	–	–
1981	116.2	–	–	–
GOVERNMENT				
1977	73.1	–	–	–
1978	79.8	–	–	–
1979	79.7	–	–	–
1980	80.5	–	–	–
1981	82.0	–	–	–
FEDERAL GOVERNMENT				
1977	14.9	–	–	–
1978	15.2	–	–	–
1979	15.4	–	–	–
1980	16.0	–	–	–
1981	15.4	–	–	–

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
NEW ORLEANS (Con.)				
STATE GOVERNMENT				
1977	19.1	–	–	–
1978	19.9	–	–	–
1979	20.3	–	–	–
1980	20.9	–	–	–
1981	22.2	–	–	–
LOCAL GOVERNMENT				
1977	39.1	–	–	–
1978	44.7	–	–	–
1979	44.0	–	–	–
1980	43.6	–	–	–
1981	44.4	–	–	–
SHREVEPORT				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	135.9	–	–	–
1978	142.3	–	–	–
1979	147.0	–	–	–
1980	147.8	–	–	–
1981	151.4	–	–	–
MINING				
1977	4.9	–	–	–
1978	5.1	–	–	–
1979	5.2	–	–	–
1980	6.5	–	–	–
1981	7.8	–	–	–
CONSTRUCTION				
1977	8.8	–	–	–
1978	10.0	–	–	–
1979	11.5	–	–	–
1980	9.5	–	–	–
1981	8.5	–	–	–
MANUFACTURING				
1977	27.7	216.42	41.7	5.19
1978	28.5	237.63	40.9	5.81
1979	28.4	250.97	39.9	6.29
1980	26.9	276.51	39.9	6.93
1981	27.9	317.54	41.4	7.67
DURABLE GOODS				
1977	19.9	–	–	–
1978	20.8	–	–	–
1979	21.8	–	–	–
1980	20.7	–	–	–
1981	21.9	–	–	–
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	1.6	153.16	40.2	3.81
1978	1.5	159.74	38.4	4.16
1979	1.5	177.46	39.7	4.47
1980	1.2	222.50	40.9	5.44
1981	1.3	229.80	40.6	5.66
PRIMARY AND FABRICATED METALS — SIC 33,34				
1977	4.8	–	–	–
1978	5.1	–	–	–
1979	5.3	–	–	–
1980	5.0	–	–	–
1981	5.3	–	–	–
PRIMARY METALS, FABRICATED METALS, AND MACHINERY — SIC 33-36				
1977	15.2	232.52	41.3	5.63
1978	16.0	254.59	41.6	6.12
1979	17.0	282.08	41.0	6.88
1980	16.5	299.44	39.4	7.60
1981	16.6	348.52	41.1	8.48
MACHINERY — SIC 35,36				
1977	10.4	–	–	–
1978	10.9	–	–	–
1979	11.7	–	–	–
1980	11.5	–	–	–
1981	11.3	–	–	–

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
SHREVEPORT (Con.)				
NONDURABLE GOODS				
1977	7.8	–	–	–
1978	7.7	–	–	–
1979	6.6	–	–	–
1980	6.2	–	–	–
1981	6.0	–	–	–
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	1.8	160.02	50.8	3.15
1978	1.8	163.07	44.8	3.64
1979	1.9	183.16	43.3	4.23
1980	1.9	221.35	40.1	5.52
1981	1.9	238.68	39.0	6.12
PRINTING AND PUBLISHING — SIC 27				
1977	1.1	176.53	31.3	5.64
1978	1.2	172.82	28.9	5.98
1979	1.2	186.82	32.1	5.82
1980	1.2	192.51	32.3	5.96
1981	1.4	215.12	34.2	6.29
PETROLEUM AND COAL PRODUCTS — SIC 29				
1977	.8	309.50	49.6	6.24
1978	.8	349.89	49.7	7.04
1979	.8	355.70	47.3	7.52
1980	.8	405.45	47.2	8.59
1981	.9	441.75	47.5	9.30
TRANSPORTATION AND PUBLIC UTILITIES				
1977	9.4	–	–	–
1978	9.6	–	–	–
1979	10.0	–	–	–
1980	9.6	–	–	–
1981	9.3	–	–	–
WHOLESALE AND RETAIL TRADE				
1977	34.2	–	–	–
1978	34.7	–	–	–
1979	35.0	–	–	–
1980	35.3	–	–	–
1981	35.6	–	–	–
WHOLESALE TRADE — SIC 50,51				
1977	9.9	–	–	–
1978	10.0	–	–	–
1979	10.4	–	–	–
1980	10.5	–	–	–
1981	10.6	–	–	–
RETAIL TRADE — SIC 52-59				
1977	24.3	–	–	–
1978	24.7	–	–	–
1979	24.6	–	–	–
1980	24.8	–	–	–
1981	25.0	–	–	–
FINANCE, INSURANCE, AND REAL ESTATE				
1977	6.3	–	–	–
1978	6.7	–	–	–
1979	7.0	–	–	–
1980	7.2	–	–	–
1981	7.2	–	–	–
SERVICES				
1977	22.7	–	–	–
1978	24.6	–	–	–
1979	26.1	–	–	–
1980	27.9	–	–	–
1981	29.5	–	–	–
GOVERNMENT				
1977	21.9	–	–	–
1978	23.1	–	–	–
1979	23.8	–	–	–
1980	24.9	–	–	–
1981	25.6	–	–	–

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	387.8	–	–	–
1978	405.6	–	–	–
1979	415.9	–	–	–
1980	418.3	–	–	–
1981	417.1	–	–	–
CONSTRUCTION				
1977	19.8	–	–	–
1978	19.4	–	–	–
1979	19.4	–	–	–
1980	19.5	–	–	–
1981	17.3	–	–	–
MANUFACTURING				
1977	105.9	179.90	39.8	4.52
1978	111.3	197.38	40.2	4.91
1979	114.6	217.34	40.1	5.42
1980	113.2	240.00	40.0	6.00
1981	112.8	269.06	40.4	6.66
DURABLE GOODS				
1977	34.3	194.62	40.8	4.77
1978	38.5	210.84	41.1	5.13
1979	41.7	228.32	40.7	5.61
1980	41.8	252.68	40.3	6.27
1981	41.4	282.98	40.6	6.97
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	13.6	184.46	40.1	4.60
1978	14.7	203.81	40.6	5.02
1979	14.7	221.25	40.3	5.49
1980	13.6	241.98	39.8	6.08
1981	13.3	262.35	40.3	6.51
PRIMARY METALS, FABRICATED METALS, AND MACHINERY — SIC 33-36				
1977	12.7	188.38	40.6	4.64
1978	14.3	202.70	41.2	4.92
1979	16.6	215.02	40.8	5.27
1980	16.8	235.97	40.2	5.87
1981	16.4	266.12	40.2	6.62
NONDURABLE GOODS				
1977	71.6	172.97	39.4	4.39
1978	72.8	190.64	39.8	4.79
1979	72.9	210.81	39.7	5.31
1980	71.4	232.83	39.8	5.85
1981	71.4	260.50	40.2	6.48
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	10.6	140.34	35.8	3.92
1978	10.7	156.83	36.9	4.25
1979	10.8	176.70	38.0	4.65
1980	10.4	184.87	36.9	5.01
1981	9.2	210.48	38.2	5.51
TEXTILE MILL PRODUCTS — SIC 22				
1977	9.2	150.72	40.3	3.74
1978	9.0	162.41	40.3	4.03
1979	8.9	179.08	40.7	4.40
1980	8.1	193.04	40.3	4.79
1981	8.1	211.34	40.8	5.18
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	3.8	127.79	36.2	3.53
1978	4.2	139.41	36.4	3.83
1979	4.4	151.48	36.5	4.15
STATEWIDE (Con.)				
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23 (Con.)				
1980	4.6	165.68	36.9	4.49
1981	4.6	185.01	37.3	4.96
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	18.1	283.21	46.2	6.13
1978	17.9	309.33	46.1	6.71
1979	18.4	342.98	46.1	7.44
1980	18.3	379.77	45.7	8.31
1981	18.4	427.35	46.1	9.27
LEATHER AND LEATHER PRODUCTS — SIC 31				
1977	20.1	128.87	36.2	3.56
1978	21.1	143.17	36.9	3.88
1979	20.2	151.43	35.8	4.23
1980	20.1	174.64	37.0	4.72
1981	21.1	186.66	36.6	5.10
FOOTWEAR, EXCEPT RUBBER — SIC 314				
1977	16.7	–	–	–
1978	17.5	–	–	–
1979	16.8	–	–	–
1980	16.9	–	–	–
1981	17.6	–	–	–
TRANSPORTATION AND PUBLIC UTILITIES				
1977	18.0	–	–	–
1978	18.0	–	–	–
1979	18.7	–	–	–
1980	18.7	–	–	–
1981	18.5	–	–	–
WHOLESALE AND RETAIL TRADE				
1977	83.6	–	–	–
1978	88.3	–	–	–
1979	89.6	–	–	–
1980	88.9	–	–	–
1981	88.7	–	–	–
FINANCE, INSURANCE, AND REAL ESTATE				
1977	15.3	–	–	–
1978	15.7	–	–	–
1979	16.2	–	–	–
1980	16.5	–	–	–
1981	17.0	–	–	–
SERVICES AND MINING				
1977	67.5	–	–	–
1978	71.4	–	–	–
1979	74.8	–	–	–
1980	78.2	–	–	–
1981	80.2	–	–	–
GOVERNMENT				
1977	77.7	–	–	–
1978	81.5	–	–	–
1979	82.6	–	–	–
1980	83.3	–	–	–
1981	82.6	–	–	–
FEDERAL GOVERNMENT				
1977	17.0	–	–	–
1978	17.6	–	–	–
1979	17.8	–	–	–
1980	18.2	–	–	–
1981	17.8	–	–	–
STATEWIDE (Con.)				
STATE AND LOCAL GOVERNMENT				
1977	60.7	–	–	–
1978	63.9	–	–	–
1979	64.8	–	–	–
1980	65.1	–	–	–
1981	64.8	–	–	–
LEWISTON-AUBURN				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	32.8	–	–	–
1978	34.1	–	–	–
1979	34.8	–	–	–
1980	35.0	–	–	–
1981	34.5	–	–	–
CONSTRUCTION				
1977	1.3	–	–	–
1978	1.4	–	–	–
1979	1.5	–	–	–
1980	1.3	–	–	–
1981	1.3	–	–	–
MANUFACTURING				
1977	12.1	143.99	37.4	3.85
1978	12.3	160.09	38.3	4.18
1979	12.0	175.68	37.7	4.66
1980	12.0	193.55	38.1	5.08
1981	11.7	212.04	38.0	5.58
DURABLE GOODS				
1977	1.9	172.66	39.6	4.36
1978	2.2	185.10	39.3	4.71
1979	2.2	202.93	39.1	5.19
1980	2.2	222.14	38.7	5.74
1981	2.1	259.23	39.1	6.63
NONDURABLE GOODS				
1977	10.2	139.13	37.1	3.75
1978	10.1	155.45	38.1	4.08
1979	9.8	169.42	37.4	4.53
1980	9.8	187.34	38.0	4.93
1981	9.6	201.47	37.8	5.33
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	1.3	–	–	–
1978	1.4	–	–	–
1979	1.4	–	–	–
1980	1.3	–	–	–
1981	1.0	–	–	–
TEXTILE MILL PRODUCTS — SIC 22				
1977	2.1	–	–	–
1978	2.1	–	–	–
1979	2.0	–	–	–
1980	1.9	–	–	–
1981	1.9	–	–	–
LEATHER AND LEATHER PRODUCTS — SIC 31				
1977	3.8	–	–	–
1978	3.7	–	–	–
1979	3.4	–	–	–
1980	3.4	–	–	–
1981	3.5	–	–	–
FOOTWEAR, EXCEPT RUBBER — SIC 314				
1977	3.6	–	–	–
1978	3.4	–	–	–
1979	3.0	–	–	–

See footnotes at end of tables.

MAINE

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
LEWISTON-AUBURN (Con.)				
FOOTWEAR, EXCEPT RUBBER — SIC 314 (Con.)				
1980	3.2	-	-	-
1981	3.3	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	1.1	-	-	-
1978	1.1	-	-	-
1979	1.1	-	-	-
1980	1.2	-	-	-
1981	1.2	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	7.5	-	-	-
1978	7.8	-	-	-
1979	8.0	-	-	-
1980	8.1	-	-	-
1981	8.0	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	1.4	-	-	-
1978	1.4	-	-	-
1979	1.5	-	-	-
1980	1.5	-	-	-
1981	1.7	-	-	-
SERVICES AND MINING				
1977	6.2	-	-	-
1978	6.7	-	-	-
1979	7.3	-	-	-
1980	7.6	-	-	-
1981	7.5	-	-	-
GOVERNMENT				
1977	3.2	-	-	-
1978	3.4	-	-	-
1979	3.4	-	-	-
1980	3.3	-	-	-
1981	3.1	-	-	-
PORTLAND				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	81.6	-	-	-
1978	86.6	-	-	-
1979	89.5	-	-	-
1980	91.7	-	-	-
1981	92.7	-	-	-
CONSTRUCTION				
1977	3.9	-	-	-
1978	4.0	-	-	-
1979	4.0	-	-	-
1980	3.8	-	-	-
1981	3.7	-	-	-
MANUFACTURING				
1977	15.3	182.62	39.7	4.60
1978	16.8	198.09	40.1	4.94
1979	17.9	210.14	39.5	5.32
1980	18.4	229.91	39.3	5.85
1981	18.0	251.81	38.8	6.49
DURABLE GOODS				
1977	6.4	192.70	41.0	4.70
1978	7.1	210.08	42.1	4.99
1979	8.2	216.83	41.3	5.25
1980	8.2	236.70	40.6	5.83
1981	7.7	264.54	39.9	6.63
LUMBER, AND FURNITURE — SIC 24,25				
1977	.5	-	-	-
1978	.5	-	-	-
1979	.5	-	-	-
1980	.4	-	-	-
1981	.4	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
PORTLAND (Con.)				
PRIMARY METALS, FABRICATED METALS, AND MACHINERY — SIC 33-36				
1977	4.9	-	-	-
1978	5.5	-	-	-
1979	6.7	-	-	-
1980	6.8	-	-	-
1981	6.7	-	-	-
NONDURABLE GOODS				
1977	8.9	176.15	38.8	4.54
1978	9.7	190.12	38.8	4.90
1979	9.7	203.52	37.9	5.37
1980	10.2	225.02	38.4	5.86
1981	10.3	243.46	38.1	6.39
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	2.1	-	-	-
1978	2.2	-	-	-
1979	2.1	-	-	-
1980	2.4	-	-	-
1981	2.4	-	-	-
LEATHER AND LEATHER PRODUCTS — SIC 31				
1977	2.7	-	-	-
1978	3.1	-	-	-
1979	3.1	-	-	-
1980	3.2	-	-	-
1981	3.1	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	5.0	-	-	-
1978	5.2	-	-	-
1979	5.3	-	-	-
1980	5.5	-	-	-
1981	5.7	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	21.9	-	-	-
1978	23.4	-	-	-
1979	24.1	-	-	-
1980	24.4	-	-	-
1981	25.0	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	6.6	-	-	-
1978	6.7	-	-	-
1979	7.1	-	-	-
1980	7.3	-	-	-
1981	7.5	-	-	-
SERVICES AND MINING				
1977	16.4	-	-	-
1978	17.7	-	-	-
1979	18.5	-	-	-
1980	19.4	-	-	-
1981	20.4	-	-	-
GOVERNMENT				
1977	12.5	-	-	-
1978	12.8	-	-	-
1979	12.6	-	-	-
1980	12.9	-	-	-
1981	12.4	-	-	-
FEDERAL GOVERNMENT				
1977	1.3	-	-	-
1978	1.4	-	-	-
1979	1.4	-	-	-
1980	1.5	-	-	-
1981	1.4	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	11.2	-	-	-
1978	11.4	-	-	-
1979	11.2	-	-	-
1980	11.4	-	-	-
1981	11.0	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	1,545.6	-	-	-
1978	1,625.8	-	-	-
1979	1,691.3	-	-	-
1980	1,711.8	-	-	-
1981	1,710.1	-	-	-
CONSTRUCTION				
1977	91.6	-	-	-
1978	101.7	-	-	-
1979	107.4	-	-	-
1980	102.9	-	-	-
1981	95.9	-	-	-
MANUFACTURING				
1977	235.1	241.40	39.9	6.05
1978	241.5	257.75	39.9	6.46
1979	246.9	283.60	40.0	7.09
1980	236.7	301.36	39.6	7.61
1981	231.0	334.76	39.9	8.39
DURABLE GOODS				
1977	127.6	273.50	40.7	6.72
1978	134.0	293.35	40.8	7.19
1979	138.6	322.29	40.9	7.88
1980	132.1	338.52	40.3	8.40
1981	129.2	376.40	40.3	9.34
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	4.6	-	-	-
1978	4.4	182.28	39.2	4.65
1979	4.6	200.04	39.3	5.09
1980	3.8	211.91	38.6	5.49
1981	3.6	232.56	38.0	6.12
FURNITURE AND FIXTURES — SIC 25				
1977	3.9	-	-	-
1978	4.1	175.64	40.1	4.38
1979	3.7	191.26	38.1	5.02
1980	3.3	218.69	38.3	5.71
1981	3.1	225.41	38.4	5.87
HOUSEHOLD FURNITURE — SIC 251				
1979	1.7	-	-	-
1980	1.4	-	-	-
1981	1.3	-	-	-
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	9.5	254.87	40.2	6.34
1978	9.6	282.46	40.7	6.94
1979	9.9	311.12	42.1	7.39
1980	9.7	341.85	43.0	7.95
1981	9.0	345.39	39.7	8.70
PRIMARY METAL INDUSTRIES — SIC 33				
1977	30.0	-	-	-
1978	30.8	-	-	-
1979	31.9	-	-	-
1980	29.2	-	-	-
1981	28.5	-	-	-
BLAST FURNACE AND BASIC STEEL PRODUCTS — SIC 331				
1977	20.9	-	-	-
1978	21.8	-	-	-
1979	22.6	-	-	-
1980	20.0	-	-	-
1981	19.9	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
FABRICATED METAL PRODUCTS — SIC 34				
1977	12.1	235.79	40.1	5.88
1978	11.9	251.93	40.7	6.19
1979	12.1	268.37	40.6	6.61
1980	11.3	284.12	40.3	7.05
1981	10.2	338.66	41.3	8.20
METAL CANS AND SHIPPING CONTAINERS — SIC 341				
1977	3.1	-	-	-
1978	2.7	-	-	-
1979	2.8	-	-	-
1980	2.6	-	-	-
1981	2.4	-	-	-
FABRICATED STRUCTURAL METAL PRODUCTS — SIC 344				
1979	5.8	-	-	-
1980	5.8	-	-	-
1981	5.2	-	-	-
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	17.9	244.77	39.8	6.15
1978	20.1	273.88	41.0	6.68
1979	21.0	[1] 332.03	[1] 41.4	[1] 8.02
1980	19.6	317.60	39.7	8.00
1981	18.3	354.16	40.2	8.81
SPECIAL INDUSTRY MACHINERY — SIC 355				
1979	1.6	-	-	-
1980	1.6	-	-	-
1981	1.4	-	-	-
GENERAL INDUSTRIAL MACHINERY — SIC 356				
1979	1.9	-	-	-
1980	1.7	-	-	-
1981	1.6	-	-	-
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	25.5	213.91	40.9	5.23
1978	27.8	226.59	40.9	5.54
1979	29.4	234.18	40.1	5.84
1980	31.2	264.37	40.3	6.56
1981	32.8	296.62	40.8	7.27
ELECTRICAL INDUSTRIAL APPARATUS — SIC 362				
1979	3.3	-	-	-
1980	3.2	-	-	-
1981	3.4	-	-	-
COMMUNICATION EQUIPMENT — SIC 366				
1979	19.1	-	-	-
1980	21.0	-	-	-
1981	22.2	-	-	-
ELECTRONIC COMPONENTS AND ACCESSORIES — SIC 367				
1979	1.5	-	-	-
1980	1.5	-	-	-
1981	1.6	-	-	-
TRANSPORTATION EQUIPMENT — SIC 37				
1977	18.0	337.39	42.6	7.92
1978	19.0	342.77	41.1	8.34
1979	19.1	[1] 344.47	[1] 39.1	[1] 8.81
1980	17.4	390.42	40.5	9.64
1981	17.6	410.29	39.3	10.44
SHIP AND BOAT BUILDING AND REPAIRING — SIC 373				
1978	6.7	-	-	-
1979	6.2	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
SHIP AND BOAT BUILDING AND REPAIRING — SIC 373 (Con.)				
1980	6.6	-	-	-
1981	6.7	-	-	-
INSTRUMENTS AND RELATED PRODUCTS — SIC 38				
1978	2.9	-	-	-
1979	3.4	-	-	-
1980	3.5	232.45	39.6	5.87
1981	3.3	249.88	40.5	6.17
MISC. MANUFACTURING INDUSTRIES — SIC 39				
1978	3.3	-	-	-
1979	3.5	-	-	-
1980	3.1	216.22	39.6	5.46
1981	2.8	232.25	39.1	5.94
NONDURABLE GOODS				
1977	107.5	202.01	38.7	5.22
1978	107.5	216.06	39.0	5.54
1979	108.3	234.35	38.8	6.04
1980	104.6	255.69	38.8	6.59
1981	101.8	282.57	39.3	7.19
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	31.1	197.63	38.3	5.16
1978	29.0	208.83	38.6	5.41
1979	29.2	229.71	39.2	5.86
1980	26.4	254.63	39.6	6.43
1981	25.2	270.09	39.2	6.89
MEAT PRODUCTS — SIC 201				
1978	6.8	-	-	-
1979	7.3	-	-	-
1980	6.7	-	-	-
1981	6.1	-	-	-
PRESERVED FRUITS AND VEGETABLES — SIC 203				
1979	3.7	-	-	-
1980	3.1	-	-	-
1981	2.8	-	-	-
BEVERAGES — SIC 208				
1979	5.0	-	-	-
1980	4.9	-	-	-
1981	5.0	-	-	-
TEXTILE MILL PRODUCTS — SIC 22				
1977	1.3	-	-	-
1978	1.3	-	-	-
1979	1.1	-	-	-
1980	1.0	-	-	-
1981	1.1	-	-	-
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	16.6	135.24	34.5	3.92
1978	17.3	146.58	34.9	4.20
1979	16.2	160.19	34.9	4.59
1980	15.3	174.00	34.8	5.00
1981	14.7	192.25	35.8	5.37
MEN'S AND BOYS' SUITS AND COATS — SIC 231				
1979	4.6	-	-	-
1980	4.2	-	-	-
1981	4.0	-	-	-
MEN'S AND BOYS' FURNISHINGS — SIC 232				
1979	2.6	-	-	-
1980	2.5	-	-	-
1981	2.3	-	-	-

See footnotes at end of tables.

MARYLAND

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
WOMEN'S AND MISSES' OUTERWEAR — SIC 233				
1979	3.6	-	-	-
1980	3.3	-	-	-
1981	3.1	-	-	-
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	10.0	196.50	40.6	4.84
1978	10.1	212.27	40.9	5.19
1979	10.0	228.00	40.0	5.70
1980	9.9	245.74	39.7	6.19
1981	9.7	284.66	40.9	6.96
PRINTING AND PUBLISHING — SIC 27				
1977	21.6	253.10	38.7	6.54
1978	22.1	273.31	39.1	6.99
1979	23.2	284.93	38.4	7.42
1980	23.9	297.23	37.2	7.99
1981	23.6	327.73	37.8	8.67
NEWSPAPERS — SIC 271				
1978	5.6	-	-	-
1979	6.0	-	-	-
1980	5.8	-	-	-
1981	6.1	-	-	-
BOOKS — SIC 273				
1979	3.0	-	-	-
1980	2.9	-	-	-
1981	2.8	-	-	-
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	14.3	265.79	42.8	6.21
1978	14.4	283.53	42.7	6.64
1979	14.7	311.28	42.7	7.29
1980	15.3	337.39	42.6	7.92
1981	14.6	362.10	42.6	8.50
INDUSTRIAL INORGANIC CHEMICALS — SIC 281				
1979	3.1	-	-	-
1980	3.0	-	-	-
1981	2.9	-	-	-
SOAP, CLEANERS, AND TOILET GOODS — SIC 284				
1979	3.0	-	-	-
1980	3.2	-	-	-
1981	2.8	-	-	-
PETROLEUM AND COAL PRODUCTS — SIC 29				
1977	.8	-	-	-
1978	1.0	-	-	-
1979	1.0	-	-	-
1980	.9	-	-	-
1981	.9	-	-	-
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS — SIC 30				
1977	9.8	-	-	-
1978	10.3	-	-	-
1979	10.8	-	-	-
1980	10.1	254.20	41.0	6.20
1981	10.2	293.16	42.0	6.98
MISCELLANEOUS PLASTICS PRODUCTS - SIC 307				
1978	4.6	-	-	-
1979	5.1	-	-	-
1980	4.6	-	-	-
1981	4.8	-	-	-
LEATHER AND LEATHER PRODUCTS — SIC 31				
1977	2.0	127.13	37.5	3.39
1978	2.0	138.36	37.7	3.67
1979	2.1	145.60	36.4	4.00
1980	1.8	162.15	38.7	4.19
1981	1.8	179.83	37.7	4.77

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
TRANSPORTATION AND PUBLIC UTILITIES				
1977	80.9	-	-	-
1978	84.0	-	-	-
1979	86.0	-	-	-
1980	85.3	-	-	-
1981	85.9	-	-	-
RAILROAD TRANSPORTATION — SIC 40				
1977	9.2	-	-	-
1978	9.4	-	-	-
1979	9.7	-	-	-
1980	9.3	-	-	-
1981	9.6	-	-	-
TRANSPORTATION, EXCEPT RAILROADS — SIC 41,42,44-47				
1977	39.9	-	-	-
1978	41.6	-	-	-
1979	42.1	-	-	-
1980	40.7	-	-	-
1981	40.0	-	-	-
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	31.8	-	-	-
1978	33.0	-	-	-
1979	34.2	-	-	-
1980	35.3	-	-	-
1981	36.3	-	-	-
COMMUNICATION — SIC 48				
1979	21.0	-	-	-
1980	22.0	-	-	-
1981	22.6	-	-	-
ELECTRIC, GAS, AND SANITARY SERVICES — SIC 49				
1979	13.2	-	-	-
1980	13.3	-	-	-
1981	13.7	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	371.7	-	-	-
1978	391.4	-	-	-
1979	399.4	-	-	-
1980	401.7	-	-	-
1981	405.5	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	76.9	-	-	-
1978	83.6	-	-	-
1979	86.9	-	-	-
1980	88.2	-	-	-
1981	89.9	-	-	-
RETAIL TRADE — SIC 52-59				
1977	294.8	-	-	-
1978	307.8	-	-	-
1979	312.5	-	-	-
1980	313.5	-	-	-
1981	315.6	-	-	-
GENERAL MERCHANDISE STORES — SIC 53				
1977	47.7	-	-	-
1978	48.8	-	-	-
1979	47.3	-	-	-
1980	45.1	-	-	-
1981	43.9	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	82.8	-	-	-
1978	86.4	-	-	-
1979	89.8	-	-	-
1980	91.9	-	-	-
1981	93.3	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
BANKING — SIC 60				
1978	21.8	-	-	-
1979	22.8	-	-	-
1980	23.9	-	-	-
1981	24.2	-	-	-
CREDIT AGENCIES OTHER THAN BANKS — SIC 61				
1978	10.9	-	-	-
1979	11.7	-	-	-
1980	11.9	-	-	-
1981	12.3	-	-	-
INSURANCE CARRIERS — SIC 63				
1978	19.2	-	-	-
1979	19.9	-	-	-
1980	20.8	-	-	-
1981	20.9	-	-	-
SERVICES AND MINING				
1977	305.4	-	-	-
1978	318.9	-	-	-
1979	343.1	-	-	-
1980	358.5	-	-	-
1981	376.6	-	-	-
HOSPITALS — SIC 806				
1979	49.9	-	-	-
1980	52.0	-	-	-
1981	54.8	-	-	-
EDUCATIONAL SERVICES — SIC 82				
1979	22.4	-	-	-
1980	24.9	-	-	-
1981	25.6	-	-	-
ENGINEERING AND ARCHITECTURAL SERVICES — SIC 891				
1979	19.9	-	-	-
1980	20.8	-	-	-
1981	21.8	-	-	-
GOVERNMENT				
1977	378.1	-	-	-
1978	401.9	-	-	-
1979	418.7	-	-	-
1980	434.8	-	-	-
1981	421.9	-	-	-
FEDERAL GOVERNMENT				
1977	132.0	-	-	-
1978	132.3	-	-	-
1979	131.6	-	-	-
1980	135.5	-	-	-
1981	134.9	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	246.1	-	-	-
1978	269.6	-	-	-
1979	287.1	-	-	-
1980	299.3	-	-	-
1981	287.0	-	-	-
STATE GOVERNMENT				
1978	78.7	-	-	-
1979	89.7	-	-	-
1980	94.8	-	-	-
1981	90.3	-	-	-
LOCAL GOVERNMENT				
1978	174.9	-	-	-
1979	197.4	-	-	-
1980	204.5	-	-	-
1981	196.7	-	-	-
BALTIMORE SMSA				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	864.9	-	-	-
1978	907.6	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Production or nonsupervisory workers: Average weekly hours	Production or nonsupervisory workers: Average hourly earnings (dollars)
BALTIMORE SMSA (Con.)				
TOTAL NONAGRICULTURAL EMPLOYMENT (Con.)				
1979	958.5	-	-	-
1980	960.9	-	-	-
1981	957.8	-	-	-
CONSTRUCTION				
1977	43.4	-	-	-
1978	47.3	-	-	-
1979	52.8	-	-	-
1980	50.7	-	-	-
1981	45.4	-	-	-
MANUFACTURING				
1977	161.2	254.06	40.2	6.32
1978	165.4	276.34	40.4	6.84
1979	168.2	300.98	40.4	7.45
1980	159.8	318.77	40.3	7.91
1981	155.4	353.90	40.4	8.76
DURABLE GOODS				
1977	95.9	284.78	40.8	6.98
1978	100.2	310.02	40.9	7.58
1979	102.6	338.66	41.1	8.24
1980	96.5	354.38	40.5	8.75
1981	93.8	394.47	40.5	9.74
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	2.3	-	-	-
1978	2.3	-	-	-
1979	2.2	-	-	-
1980	1.7	-	-	-
1981	1.5	-	-	-
FURNITURE AND FIXTURES — SIC 25				
1977	2.9	-	-	-
1978	3.1	-	-	-
1979	2.8	-	-	-
1980	2.5	-	-	-
1981	2.4	-	-	-
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	6.5	248.69	39.6	6.28
1978	6.7	282.74	40.8	6.93
1979	6.8	309.50	41.6	7.44
1980	6.8	336.07	41.8	8.04
1981	6.6	345.65	41.1	8.41
PRIMARY METAL INDUSTRIES — SIC 33				
1977	28.8	334.95	40.6	8.25
1978	29.0	380.48	41.0	9.28
1979	30.4	436.05	42.5	10.26
1980	27.6	452.08	40.4	11.19
1981	26.7	512.53	41.2	12.44
BLAST FURNACE AND BASIC STEEL PRODUCTS — SIC 331				
1977	20.9	-	-	-
1978	21.5	-	-	-
1979	22.5	-	-	-
1980	19.9	-	-	-
1981	19.8	-	-	-
FABRICATED METAL PRODUCTS — SIC 34				
1977	9.2	242.13	40.9	5.92
1978	8.9	262.08	41.6	6.30
1979	8.7	277.12	41.3	6.71
1980	7.8	293.85	40.7	7.22
1981	7.3	330.84	41.2	8.03
METAL CANS AND SHIPPING CONTAINERS — SIC 341				
1977	2.8	-	-	-
1978	2.5	-	-	-
1979	2.5	-	-	-
1980	2.3	-	-	-
1981	2.2	-	-	-
FABRICATED STRUCTURAL METAL PRODUCTS — SIC 344				
1979	3.9	-	-	-
1980	3.8	-	-	-
1981	3.6	-	-	-
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	11.0	250.04	39.5	6.33
1978	11.9	279.76	40.9	6.84
1979	12.6	299.59	41.9	7.15
1980	11.8	282.90	41.0	6.90
1981	11.0	312.02	39.9	7.82
SPECIAL INDUSTRY MACHINERY — SIC 355				
1979	1.6	-	-	-
1980	1.6	-	-	-
1981	1.4	-	-	-
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	18.5	241.92	42.0	5.76
1978	20.4	257.71	41.7	6.18
1979	21.7	260.07	40.7	6.39
1980	22.9	284.71	40.1	7.10
1981	24.0	320.39	40.3	7.95
COMMUNICATION EQUIPMENT — SIC 366				
1979	14.4	-	-	-
1980	15.8	-	-	-
1981	16.8	-	-	-
TRANSPORTATION EQUIPMENT — SIC 37				
1977	14.0	332.11	42.2	7.87
1978	15.2	335.56	39.9	8.41
1979	14.5	349.30	38.3	9.12
1980	12.6	394.58	40.1	9.84
1981	11.7	408.23	38.3	10.66
SHIP AND BOAT BUILDING AND REPAIRING — SIC 373				
1978	6.2	-	-	-
1979	5.8	-	-	-
1980	6.1	-	-	-
1981	5.6	-	-	-
INSTRUMENTS AND RELATED PRODUCTS — SIC 38				
1979	.8	-	-	-
1980	1.0	-	-	-
1981	.9	-	-	-
MISC. MANUFACTURING INDUSTRIES — SIC 39				
1978	1.9	-	-	-
1979	2.1	-	-	-
1980	1.8	217.76	40.4	5.39
1981	1.7	248.46	39.5	6.29
NONDURABLE GOODS				
1977	65.3	208.82	39.4	5.30
1978	65.2	222.55	39.6	5.62
1979	65.6	241.52	39.4	6.13
1980	63.3	263.34	39.9	6.60
1981	61.6	290.56	40.3	7.21
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	16.2	242.61	40.1	6.05
1978	14.9	257.22	40.7	6.32
1979	14.4	283.18	41.4	6.84
1980	13.1	312.91	42.4	7.38
1981	12.8	331.27	42.2	7.85
BAKERY PRODUCTS — SIC 205				
1979	2.1	-	-	-
1980	1.8	-	-	-
1981	1.5	-	-	-
BEVERAGES — SIC 208				
1979	3.4	-	-	-
1980	3.2	-	-	-
1981	3.2	-	-	-
TEXTILE MILLS, PETROLEUM AND COAL, AND LEATHER — SIC 22,29,31				
1979	2.2	-	-	-
1980	1.9	-	-	-
1981	1.8	-	-	-
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	10.4	144.90	35.0	4.14
1978	10.4	158.33	35.5	4.46
1979	10.1	167.95	34.7	4.84
1980	9.3	186.03	35.1	5.30
1981	8.8	210.52	35.5	5.93
MEN'S AND BOYS' SUITS AND COATS — SIC 231				
1979	4.1	-	-	-
1980	3.7	-	-	-
1981	3.5	-	-	-
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	7.6	176.26	40.8	4.32
1978	7.9	190.65	41.0	4.65
1979	8.0	202.29	39.9	5.07
1980	7.6	217.20	40.0	5.43
1981	7.5	249.42	41.5	6.01
PRINTING AND PUBLISHING — SIC 27				
1977	12.0	244.98	38.1	6.43
1978	12.2	259.20	38.4	6.75
1979	13.1	272.25	37.5	7.26
1980	13.6	278.16	36.6	7.60
1981	13.2	306.53	37.2	8.24
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	11.4	278.64	43.2	6.45
1978	11.4	298.68	43.1	6.93
1979	11.4	334.85	43.6	7.68
1980	11.8	360.80	44.0	8.20
1981	11.3	404.66	43.7	9.26
SOAP, CLEANERS, AND TOILET GOODS — SIC 284				
1979	2.9	-	-	-
1980	3.0	-	-	-
1981	2.7	-	-	-
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS — SIC 30				
1977	5.7	-	-	-
1978	6.1	-	-	-
1979	6.4	-	-	-
1980	6.0	218.50	42.1	5.19
1981	6.2	230.37	42.9	5.37
MISCELLANEOUS PLASTICS PRODUCTS — SIC 307				
1978	3.4	-	-	-
1979	3.8	-	-	-
1980	3.4	-	-	-
1981	3.5	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	55.7	-	-	-
1978	57.3	-	-	-
1979	58.5	-	-	-
1980	57.3	-	-	-
1981	57.7	-	-	-
RAILROAD TRANSPORTATION — SIC 40				
1977	6.1	-	-	-
1978	6.4	-	-	-
1979	6.8	-	-	-
1980	6.6	-	-	-
1981	6.9	-	-	-
TRANSPORTATION, EXCEPT RAILROADS — SIC 41,42,44-47				
1977	27.4	-	-	-
1978	28.3	-	-	-
1979	28.4	-	-	-
1980	26.8	-	-	-
1981	26.2	-	-	-
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	22.2	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
BALTIMORE SMSA (Con.)				
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49 (Con.)				
1978	22.6	–	–	–
1979	23.3	–	–	–
1980	23.9	–	–	–
1981	24.6	–	–	–
COMMUNICATION — SIC 48				
1979	14.7	–	–	–
1980	15.3	–	–	–
1981	15.7	–	–	–
WHOLESALE AND RETAIL TRADE				
1977	197.3	–	–	–
1978	202.4	–	–	–
1979	219.7	–	–	–
1980	217.1	–	–	–
1981	221.8	–	–	–
WHOLESALE TRADE — SIC 50,51				
1977	49.6	–	–	–
1978	51.2	–	–	–
1979	54.7	–	–	–
1980	55.6	–	–	–
1981	55.8	–	–	–
RETAIL TRADE — SIC 52-59				
1977	147.7	–	–	–
1978	151.2	–	–	–
1979	165.0	–	–	–
1980	161.5	–	–	–
1981	166.0	–	–	–
GENERAL MERCHANDISE STORES — SIC 53				
1977	24.4	–	–	–
1978	24.1	–	–	–
1979	22.9	–	–	–
1980	21.2	–	–	–
1981	20.4	–	–	–
FINANCE, INSURANCE, AND REAL ESTATE				
1977	50.4	–	–	–
1978	52.7	–	–	–
1979	55.9	–	–	–
1980	56.9	–	–	–
1981	57.7	–	–	–
BANKING — SIC 60				
1978	12.7	–	–	–
1979	13.8	–	–	–
1980	14.1	–	–	–
1981	14.3	–	–	–
CREDIT AGENCIES OTHER THAN BANKS — SIC 61				
1979	7.6	–	–	–
1980	7.9	–	–	–
1981	8.0	–	–	–
INSURANCE CARRIERS — SIC 63				
1978	14.0	–	–	–
1979	14.9	–	–	–
1980	15.8	–	–	–
1981	15.9	–	–	–
SERVICES AND MINING				
1977	164.1	–	–	–
1978	172.2	–	–	–
1979	185.5	–	–	–
1980	191.4	–	–	–
1981	199.3	–	–	–
HOSPITALS — SIC 806				
1979	32.9	–	–	–
1980	34.2	–	–	–
1981	36.0	–	–	–

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
BALTIMORE SMSA (Con.)				
EDUCATIONAL SERVICES — SIC 82				
1979	16.6	–	–	–
1980	18.2	–	–	–
1981	18.1	–	–	–
ENGINEERING AND ARCHITECTURAL SERVICES — SIC 891				
1979	9.6	–	–	–
1980	9.1	–	–	–
1981	9.2	–	–	–
GOVERNMENT				
1977	192.8	–	–	–
1978	210.3	–	–	–
1979	217.9	–	–	–
1980	227.7	–	–	–
1981	220.5	–	–	–
FEDERAL GOVERNMENT				
1977	52.3	–	–	–
1978	52.2	–	–	–
1979	51.9	–	–	–
1980	53.9	–	–	–
1981	53.7	–	–	–
STATE AND LOCAL GOVERNMENT				
1977	140.5	–	–	–
1978	158.1	–	–	–
1979	166.0	–	–	–
1980	173.8	–	–	–
1981	166.8	–	–	–
STATE GOVERNMENT				
1978	48.3	–	–	–
1979	61.5	–	–	–
1980	65.1	–	–	–
1981	64.2	–	–	–
LOCAL GOVERNMENT				
1978	98.1	–	–	–
1979	104.5	–	–	–
1980	108.7	–	–	–
1981	102.6	–	–	–
BALTIMORE CITY[4]				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1979	461.3	–	–	–
1980	461.3	–	–	–
1981	450.5	–	–	–
CONSTRUCTION				
1979	18.2	–	–	–
1980	17.9	–	–	–
1981	17.1	–	–	–
MANUFACTURING				
1979	74.8	–	–	–
1980	69.0	–	–	–
1981	64.3	–	–	–
DURABLE GOODS				
1979	74.2	–	–	–
1980	66.4	–	–	–
1981	61.2	–	–	–
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1979	4.5	–	–	–
1980	4.1	–	–	–
1981	3.7	–	–	–
PRIMARY METAL INDUSTRIES — SIC 33				
1979	8.9	–	–	–
1980	8.6	–	–	–
1981	8.2	–	–	–

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
BALTIMORE CITY[4] (Con.)				
FABRICATED METAL PRODUCTS — SIC 34				
1979	4.7	–	–	–
1980	3.8	–	–	–
1981	3.3	–	–	–
METAL CANS AND SHIPPING CONTAINERS — SIC 341				
1979	1.9	–	–	–
1980	1.5	–	–	–
1981	1.4	–	–	–
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1979	4.9	–	–	–
1980	4.9	–	–	–
1981	4.5	–	–	–
TRANSPORTATION EQUIPMENT — SIC 37				
1979	9.7	–	–	–
1980	7.5	–	–	–
1981	6.5	–	–	–
MISC. MANUFACTURING INDUSTRIES — SIC 39				
1979	1.4	–	–	–
1980	1.2	–	–	–
1981	1.2	–	–	–
NONDURABLE GOODS				
1979	37.7	–	–	–
1980	35.8	–	–	–
1981	33.7	–	–	–
FOOD AND KINDRED PRODUCTS — SIC 20				
1979	9.6	–	–	–
1980	8.6	–	–	–
1981	8.3	–	–	–
BEVERAGES — SIC 208				
1979	1.8	–	–	–
1980	1.7	–	–	–
1981	1.6	–	–	–
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1979	6.2	–	–	–
1980	5.2	–	–	–
1981	4.7	–	–	–
MEN'S AND BOYS' SUITS AND COATS — SIC 231				
1979	2.7	–	–	–
1980	2.0	–	–	–
1981	1.8	–	–	–
PAPER AND ALLIED PRODUCTS — SIC 26				
1979	2.7	–	–	–
1980	2.6	–	–	–
1981	2.5	–	–	–
PAPERBOARD CONTAINERS AND BOXES — SIC 265				
1979	1.8	–	–	–
1980	1.7	–	–	–
1981	1.7	–	–	–
PRINTING AND PUBLISHING — SIC 27				
1979	8.8	–	–	–
1980	9.1	–	–	–
1981	8.5	–	–	–
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1979	7.1	–	–	–
1980	7.3	–	–	–
1981	6.7	–	–	–
INDUSTRIAL INORGANIC CHEMICALS — SIC 281				
1979	2.2	–	–	–
1980	2.2	–	–	–
1981	2.1	–	–	–

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
BALTIMORE CITY[1] (Con.)				
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS — SIC 30				
1979	2.1	-	-	-
1980	1.9	-	-	-
1981	2.0	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1979	40.4	-	-	-
1980	39.4	-	-	-
1981	39.5	-	-	-
RAILROAD TRANSPORTATION — SIC 40				
1979	4.4	-	-	-
1980	4.2	-	-	-
1981	4.2	-	-	-
TRANSPORTATION, EXCEPT RAILROADS — SIC 41,42,44-47				
1979	16.4	-	-	-
1980	15.3	-	-	-
1981	15.0	-	-	-
TRUCKING AND WAREHOUSING — SIC 42				
1979	7.6	-	-	-
1980	6.3	-	-	-
1981	6.2	-	-	-
WATER TRANSPORTATION — SIC 44				
1979	6.1	-	-	-
1980	6.3	-	-	-
1981	6.0	-	-	-
WHOLESALE AND RETAIL TRADE				
1979	96.9	-	-	-
1980	98.1	-	-	-
1981	97.1	-	-	-
GENERAL MERCHANDISE STORES — SIC 53				
1979	7.9	-	-	-
1980	7.3	-	-	-
1981	6.3	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1979	38.7	-	-	-
1980	38.7	-	-	-
1981	38.6	-	-	-
BANKING — SIC 60				
1979	22.6	-	-	-
1980	22.6	-	-	-
1981	22.4	-	-	-
CREDIT AGENCIES OTHER THAN BANKS — SIC 61				
1979	5.6	-	-	-
1980	5.4	-	-	-
1981	5.2	-	-	-
INSURANCE CARRIERS — SIC 63				
1979	10.6	-	-	-
1980	11.0	-	-	-
1981	11.0	-	-	-
SERVICES AND MINING				
1979	96.1	-	-	-
1980	102.6	-	-	-
1981	106.1	-	-	-
HEALTH SERVICES — SIC 80				
1979	31.9	-	-	-
1980	33.1	-	-	-
1981	34.3	-	-	-
EDUCATIONAL SERVICES — SIC 82				
1979	10.8	-	-	-
1980	13.1	-	-	-
1981	13.1	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
BALTIMORE CITY[1] (Con.)				
MISCELLANEOUS SERVICES — SIC 89				
1979	4.3	-	-	-
1980	4.1	-	-	-
1981	4.2	-	-	-
GOVERNMENT				
1979	96.2	-	-	-
1980	95.6	-	-	-
1981	87.8	-	-	-
FEDERAL GOVERNMENT				
1979	14.4	-	-	-
1980	14.3	-	-	-
1981	13.5	-	-	-
STATE AND LOCAL GOVERNMENT				
1979	81.8	-	-	-
1980	81.3	-	-	-
1981	74.3	-	-	-
STATE GOVERNMENT				
1979	36.1	-	-	-
1980	34.8	-	-	-
1981	33.8	-	-	-
LOCAL GOVERNMENT				
1979	91.4	-	-	-
1980	93.0	-	-	-
1981	81.0	-	-	-

See footnotes at end of tables.

MASSACHUSETTS

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	2,416.0	-	-	-
1978	2,526.3	-	-	-
1979	2,603.5	-	-	-
1980	2,652.2	-	-	-
1981	2,654.1	-	-	-
CONSTRUCTION				
1977	66.7	-	-	-
1978	72.8	-	-	-
1979	75.6	-	-	-
1980	77.4	-	-	-
1981	78.3	-	-	-
MANUFACTURING				
1977	621.0	204.69	39.9	5.13
1978	652.1	222.71	40.2	5.54
1979	672.1	239.80	40.1	5.98
1980	674.9	257.80	39.6	6.51
1981	666.8	280.40	40.0	7.01
DURABLE GOODS				
1977	352.3	222.36	40.8	5.45
1978	378.9	240.72	40.8	5.90
1979	401.1	258.74	41.2	6.28
1980	411.3	277.30	40.6	6.83
1981	409.9	303.40	41.0	7.40
LUMBER, AND FURNITURE — SIC 24,25				
1980	-	204.82	38.0	5.39
1981	-	214.12	38.1	5.62
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	12.3	243.20	40.0	6.08
1978	13.1	272.41	41.4	6.58
1979	13.7	283.15	40.8	6.94
1980	13.1	310.42	39.9	7.78
1981	12.8	346.66	39.8	8.71
PRIMARY METAL INDUSTRIES — SIC 33				
1977	16.9	237.83	43.4	5.48
1978	17.1	248.78	43.8	5.68
1979	17.6	267.54	42.4	6.31
1980	17.5	277.47	41.6	6.67
1981	17.1	307.33	42.1	7.31
FABRICATED METAL PRODUCTS — SIC 34				
1977	51.8	222.89	41.2	5.41
1978	53.2	241.36	41.4	5.83
1979	55.1	312.70	49.4	6.33
1980	53.4	272.84	39.6	6.89
1981	51.0	298.75	40.1	7.45
CUTLERY, HAND TOOLS, AND HARDWARE — SIC 342				
1977	12.8	-	-	-
1978	13.3	-	-	-
1979	13.4	-	-	-
1980	12.5	-	-	-
1981	11.9	-	-	-
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	82.0	227.81	41.8	5.45
1978	90.4	249.23	42.1	5.92
1979	101.6	267.75	42.5	6.30
1980	109.6	289.38	42.0	6.89
1981	109.9	313.83	41.9	7.49

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
METALWORKING MACHINERY — SIC 354				
1977	15.4	-	-	-
1978	16.4	-	-	-
1979	17.5	-	-	-
1980	17.7	-	-	-
1981	17.0	-	-	-
SPECIAL INDUSTRY MACHINERY — SIC 355				
1977	15.8	-	-	-
1978	16.4	-	-	-
1979	17.8	-	-	-
1980	16.9	310.02	40.9	7.58
1981	16.2	327.24	40.4	8.10
OFFICE AND COMPUTING MACHINES — SIC 357				
1980	-	240.29	41.5	5.79
1981	-	279.06	42.8	6.52
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	91.0	200.94	39.4	5.10
1978	98.2	210.26	39.3	5.35
1979	104.6	224.07	39.8	5.63
1980	110.5	253.13	40.5	6.25
1981	111.3	276.75	41.0	6.75
COMMUNICATION EQUIPMENT — SIC 366				
1977	25.0	-	-	-
1978	28.1	-	-	-
1979	29.5	-	-	-
1980	32.8	-	-	-
1981	34.8	-	-	-
ELECTRONIC COMPONENTS AND ACCESSORIES — SIC 367				
1977	35.8	-	-	-
1978	39.4	-	-	-
1979	44.5	-	-	-
1980	48.9	-	-	-
1981	49.9	-	-	-
TRANSPORTATION EQUIPMENT — SIC 37				
1977	33.2	253.44	39.6	6.40
1978	36.4	264.60	37.8	7.00
1979	37.1	301.41	39.4	7.65
1980	35.4	343.96	39.4	8.73
1981	33.4	373.51	39.4	9.48
INSTRUMENTS AND RELATED PRODUCTS — SIC 38				
1977	51.5	244.18	42.1	5.80
1978	56.5	281.05	44.4	6.33
1979	57.5	284.46	43.1	6.60
1980	58.5	282.80	40.4	7.00
1981	61.3	312.98	41.4	7.56
MEASURING AND CONTROLLING DEVICES — SIC 382				
1980	-	242.36	41.5	5.84
1981	-	270.70	42.1	6.43
NONDURABLE GOODS				
1977	268.7	185.55	38.9	4.77
1978	273.2	201.33	39.4	5.11
1979	271.0	215.90	38.9	5.55
1980	263.6	231.72	38.3	6.05
1981	256.9	250.00	38.7	6.46
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	29.1	209.48	39.6	5.29
1978	28.5	225.92	40.2	5.62
1979	28.2	244.59	39.9	6.13

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
FOOD AND KINDRED PRODUCTS — SIC 20 (Con.)				
1980	27.4	257.57	38.5	6.69
1981	25.2	270.89	38.1	7.11
TEXTILE MILL PRODUCTS — SIC 22				
1977	27.9	177.23	41.8	4.24
1978	28.2	189.32	41.7	4.54
1979	27.1	204.18	41.0	4.98
1980	25.6	216.01	40.3	5.36
1981	24.5	228.83	40.5	5.65
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	42.8	134.41	34.2	3.93
1978	42.1	149.37	34.9	4.28
1979	40.7	152.13	33.0	4.61
1980	39.8	166.16	33.5	4.96
1981	39.3	180.01	33.9	5.31
MEN'S AND BOYS' SUITS, COATS, AND FURNISHINGS — SIC 231,2				
1977	10.1	-	-	-
1978	9.5	-	-	-
1979	9.2	-	-	-
1980	9.0	-	-	-
1981	8.9	-	-	-
MISC. FABRICATED TEXTILE PRODUCTS — SIC 239				
1980	-	160.75	36.7	4.38
1981	-	177.86	36.9	4.82
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	29.4	222.31	43.0	5.17
1978	30.4	247.72	44.0	5.63
1979	29.8	265.43	43.8	6.06
1980	28.2	282.74	43.1	6.56
1981	27.1	309.72	43.5	7.12
PAPERBOARD CONTAINERS AND BOXES — SIC 265				
1980	-	248.18	39.9	6.22
1981	-	261.76	39.6	6.61
PRINTING AND PUBLISHING — SIC 27				
1977	42.2	221.41	37.4	5.92
1978	42.9	229.90	38.0	6.05
1979	44.0	244.08	37.9	6.44
1980	44.1	273.39	37.4	7.31
1981	44.9	296.02	38.0	7.79
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	17.3	262.18	42.7	6.14
1978	17.7	277.12	42.7	6.49
1979	18.2	293.14	42.3	6.93
1980	18.4	324.90	41.6	7.81
1981	18.5	351.12	41.9	8.38
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS — SIC 30				
1977	30.3	204.09	40.9	4.99
1978	32.1	217.62	40.6	5.36
1979	32.5	228.34	40.2	5.68
1980	30.6	247.04	40.3	6.13
1981	29.1	250.88	40.4	6.21
MISCELLANEOUS PLASTICS PRODUCTS — SIC 307				
1980	-	216.61	39.6	5.47
1981	-	226.69	39.7	5.71

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
LEATHER AND LEATHER PRODUCTS — SIC 31				
1977	22.8	136.10	36.1	3.77
1978	23.5	145.67	36.6	3.98
1979	22.2	160.92	36.0	4.47
1980	21.4	173.88	36.0	4.83
1981	20.7	186.28	36.1	5.16
FOOTWEAR, EXCEPT RUBBER — SIC 314				
1977	14.0	-	-	-
1978	14.3	-	-	-
1979	13.1	-	-	-
1980	12.5	-	-	-
1981	11.6	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	114.9	-	-	-
1978	117.3	-	-	-
1979	120.5	-	-	-
1980	121.6	-	-	-
1981	119.8	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	533.7	-	-	-
1978	547.3	-	-	-
1979	566.3	-	-	-
1980	574.5	-	-	-
1981	575.1	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	143.2	-	-	-
1978	146.7	-	-	-
1979	150.4	-	-	-
1980	159.0	-	-	-
1981	164.0	-	-	-
SERVICES AND MINING				
1977	528.6	-	-	-
1978	560.8	-	-	-
1979	601.9	-	-	-
1980	634.5	-	-	-
1981	663.6	-	-	-
GOVERNMENT				
1977	407.9	-	-	-
1978	429.2	-	-	-
1979	416.7	-	-	-
1980	410.3	-	-	-
1981	386.5	-	-	-
FEDERAL GOVERNMENT				
1977	56.5	-	-	-
1978	57.4	-	-	-
1979	58.0	-	-	-
1980	58.3	-	-	-
1981	57.4	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	351.4	-	-	-
1978	371.8	-	-	-
1979	358.7	-	-	-
1980	352.0	-	-	-
1981	329.1	-	-	-
BOSTON				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	1,312.8	-	-	-
1978	1,395.1	-	-	-
1979	1,443.5	-	-	-
1980	1,474.1	-	-	-
1981	1,476.1	-	-	-
CONSTRUCTION				
1977	35.7	-	-	-
1978	38.9	-	-	-
1979	41.1	-	-	-
1980	43.0	-	-	-
1981	43.1	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
BOSTON (Con.)				
MANUFACTURING				
1977	268.6	225.60	40.0	5.64
1978	282.7	244.21	40.1	6.09
1979	291.9	264.55	40.7	6.50
1980	294.9	280.99	39.8	7.06
1981	293.4	305.47	40.3	7.58
DURABLE GOODS				
1977	172.4	237.74	40.5	5.87
1978	186.4	256.37	40.5	6.33
1979	196.5	279.72	42.0	6.66
1980	200.2	295.65	40.5	7.30
1981	199.9	321.10	40.8	7.87
PRIMARY METAL INDUSTRIES — SIC 33				
1977	3.3	218.16	40.4	5.40
1978	3.4	235.13	40.4	5.82
1979	3.7	261.18	42.4	6.16
1980	4.0	-	-	-
1981	3.9	-	-	-
FABRICATED METAL PRODUCTS — SIC 34				
1977	20.0	231.80	41.1	5.64
1978	20.0	252.66	41.9	6.03
1979	20.1	268.32	41.6	6.45
1980	20.0	295.08	40.7	7.25
1981	19.7	321.12	40.7	7.89
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	35.1	248.67	40.5	6.14
1978	38.5	259.20	40.0	6.48
1979	44.3	287.73	42.5	6.77
1980	48.5	306.71	41.9	7.32
1981	49.3	334.32	42.0	7.96
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	47.2	202.98	39.8	5.10
1978	50.1	217.17	39.2	5.54
1979	53.1	232.80	40.0	5.82
1980	54.0	248.52	39.7	6.26
1981	54.6	273.32	39.9	6.85
TRANSPORTATION EQUIPMENT — SIC 37				
1977	20.9	270.82	38.8	6.98
1978	23.6	281.55	36.9	7.63
1979	24.5	330.53	38.3	8.63
1980	23.5	369.16	38.9	9.49
1981	21.5	405.99	39.0	10.41
INSTRUMENTS AND RELATED PRODUCTS — SIC 38				
1977	39.1	262.23	42.5	6.17
1978	44.1	287.51	43.3	6.64
1979	44.4	297.99	43.0	6.93
1980	44.0	309.26	40.8	7.58
1981	44.9	338.65	41.4	8.18
NONDURABLE GOODS				
1977	96.2	207.76	39.2	5.30
1978	96.3	220.97	39.6	5.58
1979	95.4	233.84	39.5	5.92
1980	94.7	252.29	38.4	6.57
1981	93.4	270.66	38.5	7.03
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	16.4	-	-	-
1978	15.1	-	-	-
1979	14.3	-	-	-
1980	14.0	-	-	-
1981	12.7	-	-	-
TEXTILE MILL PRODUCTS — SIC 22				
1977	3.8	203.85	45.3	4.50
1978	3.7	217.24	44.7	4.86
1979	3.7	227.76	42.1	5.41
1980	3.7	242.19	41.4	5.85
1981	3.7	265.44	42.2	6.29

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
BOSTON (Con.)				
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	13.4	139.01	36.2	3.84
1978	13.8	149.81	36.9	4.06
1979	13.1	153.87	35.7	4.31
1980	12.7	157.71	35.6	4.43
1981	12.6	174.96	36.0	4.86
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	9.5	217.46	41.5	5.24
1978	9.4	236.29	41.6	5.68
1979	9.6	254.75	41.9	6.08
1980	8.9	283.53	42.7	6.64
1981	8.3	284.42	41.4	6.87
PRINTING AND PUBLISHING — SIC 27				
1977	23.2	248.66	36.3	6.85
1978	23.6	271.74	37.9	7.17
1979	24.0	282.75	37.5	7.54
1980	24.7	290.53	37.2	7.81
1981	25.0	309.70	38.0	8.15
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	8.6	259.79	41.7	6.23
1978	8.9	280.13	41.5	6.75
1979	9.0	303.78	41.5	7.32
1980	9.0	324.41	40.5	8.01
1981	9.2	345.05	39.3	8.78
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS — SIC 30				
1977	8.9	202.00	40.0	5.05
1978	9.5	219.14	39.7	5.52
1979	9.7	244.82	40.4	6.06
1980	9.9	259.10	39.8	6.51
1981	9.7	272.14	39.1	6.96
LEATHER AND LEATHER PRODUCTS — SIC 31				
1977	7.1	153.09	36.8	4.16
1978	7.3	159.87	36.5	4.38
1979	6.9	171.48	36.1	4.75
1980	6.2	179.87	35.2	5.11
1981	6.0	201.11	36.9	5.45
TRANSPORTATION AND PUBLIC UTILITIES				
1977	68.2	-	-	-
1978	69.6	-	-	-
1979	71.7	-	-	-
1980	73.1	-	-	-
1981	71.2	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	294.9	-	-	-
1978	304.2	-	-	-
1979	314.1	-	-	-
1980	320.0	-	-	-
1981	320.0	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	97.4	-	-	-
1978	100.9	-	-	-
1979	103.8	-	-	-
1980	109.4	-	-	-
1981	112.6	-	-	-
SERVICES AND MINING				
1977	342.8	-	-	-
1978	374.1	-	-	-
1979	403.1	-	-	-
1980	420.1	-	-	-
1981	437.9	-	-	-
GOVERNMENT				
1977	205.2	-	-	-
1978	224.7	-	-	-
1979	217.8	-	-	-
1980	213.6	-	-	-
1981	197.9	-	-	-

See footnotes at end of tables.

MASSACHUSETTS

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
BROCKTON				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	52.7	-	-	-
1978	56.2	-	-	-
1979	57.8	-	-	-
1980	57.4	-	-	-
1981	57.4	-	-	-
CONSTRUCTION				
1977	1.7	-	-	-
1978	1.6	-	-	-
1979	1.6	-	-	-
1980	1.5	-	-	-
1981	1.5	-	-	-
MANUFACTURING				
1977	11.8	159.38	37.5	4.25
1978	12.4	173.74	38.1	4.56
1979	12.7	187.83	38.1	4.93
1980	12.7	205.00	38.9	5.27
1981	12.5	225.37	39.4	5.72
DURABLE GOODS				
1977	4.9	175.03	39.6	4.42
1978	5.4	189.53	39.9	4.75
1979	5.8	205.93	40.3	5.11
1980	6.1	220.15	40.1	5.49
1981	6.2	239.50	40.8	5.87
NONDURABLE GOODS				
1977	6.9	147.55	35.9	4.11
1978	7.0	160.31	36.6	4.38
1979	6.9	169.21	35.4	4.78
1980	6.6	190.13	37.8	5.03
1981	6.3	209.97	37.9	5.54
TRANSPORTATION AND PUBLIC UTILITIES				
1977	4.0	-	-	-
1978	4.2	-	-	-
1979	4.2	-	-	-
1980	3.7	-	-	-
1981	3.4	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	14.2	-	-	-
1978	14.8	-	-	-
1979	15.6	-	-	-
1980	15.3	-	-	-
1981	15.2	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	1.8	-	-	-
1978	2.0	-	-	-
1979	2.1	-	-	-
1980	2.1	-	-	-
1981	2.2	-	-	-
SERVICES AND MINING				
1977	8.2	-	-	-
1978	8.7	-	-	-
1979	9.3	-	-	-
1980	10.1	-	-	-
1981	10.5	-	-	-
GOVERNMENT				
1977	11.0	-	-	-
1978	12.5	-	-	-
1979	12.3	-	-	-
1980	12.0	-	-	-
1981	12.1	-	-	-
FALL RIVER				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	53.1	-	-	-
1978	55.0	-	-	-
1979	55.1	-	-	-
1980	54.1	-	-	-
1981	53.5	-	-	-
FALL RIVER (Con.)				
CONSTRUCTION				
1977	1.3	-	-	-
1978	1.4	-	-	-
1979	1.5	-	-	-
1980	1.4	-	-	-
1981	1.3	-	-	-
MANUFACTURING				
1977	20.3	143.97	35.2	4.09
1978	20.6	159.36	36.3	4.39
1979	20.5	179.63	37.5	4.79
1980	20.1	189.59	36.6	5.18
1981	20.0	212.06	37.8	5.61
TEXTILE MILL PRODUCTS — SIC 22				
1977	4.2	174.53	40.4	4.32
1978	4.5	188.33	41.3	4.56
1979	4.5	204.43	42.5	4.81
1980	4.5	218.40	42.0	5.20
1981	4.4	241.36	41.4	5.83
TRANSPORTATION AND PUBLIC UTILITIES				
1977	1.9	-	-	-
1978	1.9	-	-	-
1979	1.9	-	-	-
1980	1.9	-	-	-
1981	1.8	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	11.6	-	-	-
1978	11.6	-	-	-
1979	11.5	-	-	-
1980	11.2	-	-	-
1981	11.5	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	2.4	-	-	-
1978	2.6	-	-	-
1979	2.7	-	-	-
1980	2.7	-	-	-
1981	2.8	-	-	-
SERVICES AND MINING				
1977	8.1	-	-	-
1978	8.9	-	-	-
1979	8.9	-	-	-
1980	9.2	-	-	-
1981	9.1	-	-	-
GOVERNMENT				
1977	7.5	-	-	-
1978	8.0	-	-	-
1979	8.1	-	-	-
1980	7.6	-	-	-
1981	7.0	-	-	-
LAWRENCE-HAVERHILL				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	99.0	-	-	-
1978	106.5	-	-	-
1979	109.1	-	-	-
1980	112.6	-	-	-
1981	115.3	-	-	-
CONSTRUCTION				
1977	2.5	-	-	-
1978	2.7	-	-	-
1979	3.0	-	-	-
1980	2.9	-	-	-
1981	2.8	-	-	-
MANUFACTURING				
1977	37.4	200.59	39.8	5.04
1978	41.1	215.60	39.2	5.50
1979	41.6	240.60	40.1	6.00
1980	44.4	273.06	41.0	6.66
1981	46.4	289.84	40.2	7.21
LAWRENCE-HAVERHILL (Con.)				
DURABLE GOODS				
1977	22.7	225.43	40.4	5.58
1978	25.6	240.73	39.4	6.11
1979	26.1	265.74	41.2	6.45
1980	25.3	296.07	41.7	7.10
1981	31.5	315.06	40.6	7.76
NONDURABLE GOODS				
1977	14.7	173.26	39.2	4.42
1978	15.5	184.69	38.8	4.76
1979	15.5	205.74	38.6	5.33
1980	15.1	235.20	40.0	5.88
1981	14.9	245.94	39.8	6.18
LEATHER AND LEATHER PRODUCTS — SIC 31				
1977	4.2	-	-	-
1978	4.3	-	-	-
1979	3.7	-	-	-
1980	3.7	-	-	-
1981	3.8	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	4.0	-	-	-
1978	4.2	-	-	-
1979	4.5	-	-	-
1980	4.7	-	-	-
1981	4.9	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	20.9	-	-	-
1978	21.6	-	-	-
1979	21.7	-	-	-
1980	21.6	-	-	-
1981	22.0	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	3.6	-	-	-
1978	3.8	-	-	-
1979	4.0	-	-	-
1980	4.1	-	-	-
1981	4.3	-	-	-
SERVICES AND MINING				
1977	14.3	-	-	-
1978	15.6	-	-	-
1979	17.0	-	-	-
1980	18.0	-	-	-
1981	18.5	-	-	-
GOVERNMENT				
1977	16.3	-	-	-
1978	17.5	-	-	-
1979	17.3	-	-	-
1980	16.9	-	-	-
1981	16.4	-	-	-
LOWELL				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	66.0	-	-	-
1978	70.8	-	-	-
1979	74.6	-	-	-
1980	77.6	-	-	-
1981	78.5	-	-	-
CONSTRUCTION				
1977	2.4	-	-	-
1978	2.5	-	-	-
1979	2.8	-	-	-
1980	2.7	-	-	-
1981	2.7	-	-	-
MANUFACTURING				
1977	22.2	175.63	38.6	4.55
1978	23.7	193.85	39.4	4.92
1979	26.1	204.48	38.8	5.27
1980	28.4	230.86	38.8	5.95
1981	29.1	256.07	39.7	6.45

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
LOWELL (Con.)				
TRANSPORTATION AND PUBLIC UTILITIES				
1977	3.0	-	-	-
1978	3.2	-	-	-
1979	3.2	-	-	-
1980	3.2	-	-	-
1981	3.3	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	14.3	-	-	-
1978	15.2	-	-	-
1979	15.5	-	-	-
1980	16.0	-	-	-
1981	16.4	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	2.0	-	-	-
1978	2.1	-	-	-
1979	2.0	-	-	-
1980	2.1	-	-	-
1981	2.2	-	-	-
SERVICES AND MINING				
1977	10.2	-	-	-
1978	10.8	-	-	-
1979	11.9	-	-	-
1980	12.6	-	-	-
1981	12.8	-	-	-
GOVERNMENT				
1977	11.9	-	-	-
1978	13.3	-	-	-
1979	13.1	-	-	-
1980	12.6	-	-	-
1981	12.0	-	-	-
NEW BEDFORD				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	61.9	-	-	-
1978	64.9	-	-	-
1979	65.2	-	-	-
1980	64.8	-	-	-
1981	64.4	-	-	-
CONSTRUCTION				
1977 [2]	1.5	-	-	-
1978	1.6	-	-	-
1979	1.6	-	-	-
1980	1.6	-	-	-
1981	1.5	-	-	-
MANUFACTURING				
1977	25.1	169.65	37.7	4.50
1978	26.3	188.86	38.7	4.88
1979	26.1	207.97	38.8	5.35
1980	25.5	213.90	37.2	5.75
1981	25.9	234.00	37.5	6.24
DURABLE GOODS				
1977	7.8	197.40	40.7	4.85
1978	8.6	211.33	41.6	5.08
1979	8.7	232.83	41.8	5.57
1980	8.3	228.90	38.6	5.93
1981	8.9	259.65	39.4	6.59
PRIMARY AND FABRICATED METALS — SIC 33,34				
1977	3.0	216.66	39.9	5.43
1978	3.2	237.44	42.4	5.60
1979	3.1	250.06	42.6	5.87
1980	2.8	236.25	37.5	6.30
1981	3.2	259.61	37.3	6.96
NONDURABLE GOODS				
1977	17.3	158.41	36.5	4.34
1978	17.7	179.62	37.5	4.79
1979	17.4	194.93	37.2	5.24
1980	17.2	207.52	36.6	5.67
1981	17.0	222.53	36.6	6.08
NEW BEDFORD (Con.)				
TEXTILE MILL PRODUCTS — SIC 22				
1977	-	166.05	40.5	4.10
1978	-	183.85	41.5	4.43
1979	-	201.35	43.3	4.65
1980	-	208.24	41.4	5.03
1981	-	224.93	41.5	5.42
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	8.2	142.76	34.4	4.15
1978	8.4	164.61	35.4	4.65
1979	8.1	177.16	34.2	5.18
1980	8.3	191.65	35.1	5.46
1981	8.3	202.30	34.7	5.83
TRANSPORTATION AND PUBLIC UTILITIES				
1977	2.5	-	-	-
1978	2.4	-	-	-
1979	2.4	-	-	-
1980	2.5	-	-	-
1981	2.3	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	11.9	-	-	-
1978	12.4	-	-	-
1979	12.5	-	-	-
1980	12.6	-	-	-
1981	12.6	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	1.8	-	-	-
1978	1.9	-	-	-
1979	2.0	-	-	-
1980	2.0	-	-	-
1981	2.1	-	-	-
SERVICES AND MINING				
1977	8.4	-	-	-
1978	8.7	-	-	-
1979	9.5	-	-	-
1980	9.8	-	-	-
1981	10.3	-	-	-
GOVERNMENT				
1977	10.7	-	-	-
1978	11.6	-	-	-
1979	11.1	-	-	-
1980	10.8	-	-	-
1981	9.7	-	-	-
SPRINGFIELD-CHICOPEE-HOLYOKE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	220.9	-	-	-
1978	231.0	-	-	-
1979	236.2	-	-	-
1980	238.2	-	-	-
1981	235.1	-	-	-
CONSTRUCTION				
1977	5.2	-	-	-
1978	5.7	-	-	-
1979	6.2	-	-	-
1980	6.1	-	-	-
1981	6.1	-	-	-
MANUFACTURING				
1977	64.0	215.69	41.4	5.21
1978	66.6	227.98	41.3	5.52
1979	67.4	241.90	41.0	5.90
1980	66.8	260.82	40.5	6.44
1981	63.6	284.54	41.0	6.94
DURABLE GOODS				
1977	28.8	233.38	41.9	5.57
1978	29.7	246.20	41.8	5.89
1979	30.5	262.28	41.5	6.32
1980	30.1	283.31	41.0	6.91
1981	28.6	315.40	41.5	7.60
SPRINGFIELD-CHICOPEE-HOLYOKE (Con.)				
PRIMARY METAL INDUSTRIES — SIC 33				
1977	2.1	-	-	-
1978	2.1	-	-	-
1979	2.3	-	-	-
1980	2.3	-	-	-
1981	2.2	-	-	-
FABRICATED METAL PRODUCTS — SIC 34				
1977	9.9	227.97	41.6	5.48
1978	10.2	238.88	41.4	5.77
1979	10.0	258.55	41.5	6.23
1980	9.8	280.30	40.8	6.87
1981	9.4	316.92	41.7	7.60
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	8.6	263.27	42.6	6.18
1978	8.7	280.58	43.5	6.45
1979	8.9	288.58	43.2	6.68
1980	9.2	318.70	42.1	7.57
1981	8.6	355.67	42.8	8.31
SPECIAL INDUSTRY MACHINERY — SIC 355				
1980	-	341.82	39.7	8.61
1981	-	373.98	38.2	9.79
GENERAL INDUSTRIAL MACHINERY — SIC 356				
1980	-	318.65	40.8	7.81
1981	-	365.29	41.7	8.76
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	2.8	-	-	-
1978	3.1	-	-	-
1979	3.6	-	-	-
1980	3.5	-	-	-
1981	3.2	-	-	-
NONDURABLE GOODS				
1977	35.2	202.13	41.0	4.93
1978	36.9	212.57	40.8	5.21
1979	36.9	222.80	40.0	5.57
1980	36.7	242.20	40.1	6.04
1981	35.0	258.62	40.6	6.37
TEXTILE MILL PRODUCTS — SIC 22				
1977	2.0	168.26	47.0	3.58
1978	2.1	171.29	45.8	3.74
1979	2.0	204.25	47.5	4.30
1980	1.9	223.21	46.6	4.79
1981	1.9	239.59	49.4	4.85
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	3.1	132.46	35.8	3.70
1978	3.1	146.00	36.5	4.00
1979	2.9	154.01	35.9	4.29
1980	2.8	162.34	35.6	4.56
1981	2.7	180.70	35.5	5.09
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	7.5	223.78	43.2	5.18
1978	7.6	251.62	44.3	5.68
1979	7.7	265.87	43.8	6.07
1980	7.5	291.68	43.6	6.69
1981	7.4	308.17	43.1	7.15
MISC. CONVERTED PAPER PRODUCTS — SIC 264				
1980	-	287.33	43.8	6.56
1981	-	318.68	44.2	7.21
PRINTING AND PUBLISHING — SIC 27				
1977	5.7	181.97	38.8	4.69
1978	6.2	188.27	38.5	4.89
1979	6.2	202.33	37.4	5.41
1980	6.0	219.48	37.2	5.90
1981	6.2	243.96	38.0	6.42
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1980	-	350.20	42.5	8.24
1981	-	381.02	43.2	8.82

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
SPRINGFIELD-CHICOPEE-HOLYOKE (Con.)				
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS — SIC 30				
1980	-	230.87	39.6	5.83
1981	-	215.71	40.7	5.30
TRANSPORTATION AND PUBLIC UTILITIES				
1977	9.3	-	-	-
1978	9.3	-	-	-
1979	9.4	-	-	-
1980	9.3	-	-	-
1981	9.3	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	44.7	-	-	-
1978	47.0	-	-	-
1979	47.9	-	-	-
1980	48.2	-	-	-
1981	48.3	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	11.6	-	-	-
1978	12.3	-	-	-
1979	12.6	-	-	-
1980	13.2	-	-	-
1981	13.4	-	-	-
SERVICES AND MINING				
1977	40.5	-	-	-
1978	42.3	-	-	-
1979	43.9	-	-	-
1980	46.0	-	-	-
1981	48.0	-	-	-
GOVERNMENT				
1977	45.6	-	-	-
1978	47.8	-	-	-
1979	48.8	-	-	-
1980	48.6	-	-	-
1981	46.5	-	-	-
WORCESTER				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	152.2	-	-	-
1978	161.4	-	-	-
1979	165.4	-	-	-
1980	166.4	-	-	-
1981	165.3	-	-	-
CONSTRUCTION				
1977	4.0	-	-	-
1978	4.5	-	-	-
1979	5.1	-	-	-
1980	5.5	-	-	-
1981	5.0	-	-	-
MANUFACTURING				
1977	45.1	210.40	40.0	5.26
1978	48.3	228.48	40.8	5.60
1979	50.5	241.60	40.2	6.01
1980	49.3	259.12	39.5	6.56
1981	47.9	287.03	39.7	7.23
DURABLE GOODS				
1977	28.1	232.88	40.5	5.75
1978	30.8	252.13	41.4	6.09
1979	33.8	262.04	40.5	6.47
1980	33.7	283.77	39.8	7.13
1981	32.4	306.83	39.9	7.69
PRIMARY METAL INDUSTRIES — SIC 33				
1977	2.5	275.80	42.3	6.52
1978	2.2	294.93	43.5	6.78
1979	2.1	314.07	43.5	7.22
1980	2.2	325.61	44.3	7.35
1981	2.2	353.34	45.3	7.80
WORCESTER (Con.)				
BLAST FURNACE AND BASIC STEEL PRODUCTS — SIC 331				
1980	-	355.02	38.8	9.15
1981	-	410.52	41.3	9.94
FABRICATED METAL PRODUCTS — SIC 34				
1977	8.7	223.56	40.5	5.52
1978	9.2	235.17	40.2	5.85
1979	9.5	247.43	39.4	6.28
1980	9.2	271.99	38.8	7.01
1981	8.9	288.38	38.4	7.51
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	7.9	243.18	42.0	5.79
1978	9.6	270.50	43.7	6.19
1979	11.8	285.71	42.9	6.66
1980	12.4	315.09	41.9	7.52
1981	11.5	347.35	41.4	8.39
SPECIAL INDUSTRY MACHINERY — SIC 355				
1980	-	285.51	40.1	7.12
1981	-	282.38	37.5	7.53
NONDURABLE GOODS				
1977	17.0	176.01	39.2	4.49
1978	17.5	190.16	39.7	4.79
1979	16.7	201.63	39.0	5.17
1980	15.6	219.01	38.9	5.63
1981	15.5	243.04	39.2	6.20
FOOD AND KINDRED PRODUCTS — SIC 20				
1980	-	275.77	40.2	6.86
TEXTILE MILL PRODUCTS — SIC 22				
1977	4.3	173.36	40.6	4.27
1978	4.4	186.62	40.7	4.59
1979	4.2	192.76	39.1	4.93
1980	3.7	202.15	39.1	5.17
1981	3.7	221.03	39.4	5.61
YARN AND THREAD MILLS — SIC 228				
1980	1.0	162.17	35.8	4.53
1981	1.0	183.65	37.1	4.95
LEATHER AND LEATHER PRODUCTS — SIC 31				
1977	2.2	130.66	35.7	3.66
1978	2.1	143.47	35.9	4.00
1979	2.0	156.88	35.9	4.37
1980	2.0	163.25	35.8	4.83
1981	1.9	179.36	35.1	5.11
FOOTWEAR, EXCEPT RUBBER — SIC 314				
1980	-	164.50	35.0	4.70
1981	-	167.17	33.5	4.99
TRANSPORTATION AND PUBLIC UTILITIES				
1977	6.9	-	-	-
1978	6.8	-	-	-
1979	6.9	-	-	-
1980	7.2	-	-	-
1981	7.4	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	33.2	-	-	-
1978	34.3	-	-	-
1979	35.2	-	-	-
1980	35.8	-	-	-
1981	36.1	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	8.2	-	-	-
1978	8.5	-	-	-
1979	8.9	-	-	-
1980	9.5	-	-	-
1981	10.0	-	-	-
WORCESTER (Con.)				
SERVICES AND MINING				
1977	28.6	-	-	-
1978	30.8	-	-	-
1979	32.3	-	-	-
1980	33.4	-	-	-
1981	35.2	-	-	-
GOVERNMENT				
1977	26.2	-	-	-
1978	28.2	-	-	-
1979	26.5	-	-	-
1980	25.7	-	-	-
1981	23.7	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Production or nonsupervisory workers: Average weekly hours	Production or nonsupervisory workers: Average hourly earnings (dollars)
STATEWIDE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	3,442.3	–	–	–
1978	3,609.4	–	–	–
1979	3,637.1	–	–	–
1980	3,442.8	–	–	–
1981	3,377.6	–	–	–
MINING				
1977	12.1	–	–	–
1978	13.3	–	–	–
1979	13.2	–	–	–
1980	12.5	–	–	–
1981	12.1	–	–	–
CONSTRUCTION				
1977	122.8	–	–	–
1978	138.8	–	–	–
1979	139.5	–	–	–
1980	116.8	–	–	–
1981	103.0	–	–	–
MANUFACTURING				
1977	1,128.4	326.27	43.3	7.54
1978	1,179.6	349.50	43.0	8.13
1979	1,160.2	359.72	41.2	8.73
1980	998.9	381.87	40.1	9.52
1981	977.6	426.27	40.5	10.53
DURABLE GOODS				
1977	905.9	340.16	43.7	7.78
1978	952.8	364.13	43.4	8.39
1979	935.1	373.10	41.4	9.01
1980	795.0	396.02	40.1	9.88
1981	780.5	441.17	40.4	10.91
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	14.4	178.62	39.5	4.52
1978	14.4	198.51	39.2	5.06
1979	14.1	212.96	38.6	5.52
1980	11.6	224.36	37.9	5.92
1981	10.7	250.77	40.4	6.21
SAWMILLS AND PLANING MILLS — SIC 242				
1977	2.4	–	–	–
1978	2.4	–	–	–
1979	2.3	–	–	–
1980	2.0	–	–	–
1981	1.8	–	–	–
FURNITURE AND FIXTURES — SIC 25				
1977	20.0	222.20	40.8	5.45
1978	21.5	238.04	40.9	5.82
1979	23.0	251.50	39.5	6.37
1980	23.0	268.15	39.4	6.81
1981	22.7	299.50	39.5	7.58
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	21.7	–	–	–
1978	21.9	–	–	–
1979	21.5	–	–	–
1980	19.2	–	–	–
1981	17.5	–	–	–
PRIMARY METAL INDUSTRIES — SIC 33				
1977	91.6	357.01	43.8	8.15
1978	91.6	387.05	43.7	8.86
1979	88.0	397.07	41.4	9.59
1980	67.3	418.30	39.3	10.64
1981	64.5	467.46	39.7	11.78
STATEWIDE (Con.)				
BLAST FURNACE AND BASIC STEEL PRODUCTS — SIC 331				
1977	28.9	402.06	41.3	9.74
1978	30.1	453.51	42.8	10.60
1979	29.6	481.93	41.7	11.56
1980	24.2	512.94	39.3	13.05
1981	23.6	579.11	40.9	14.15
IRON AND STEEL FOUNDRIES — SIC 332				
1977	39.7	379.86	45.7	8.31
1978	37.7	407.12	45.0	9.05
1979	34.6	398.61	41.5	9.61
1980	22.8	424.39	39.1	10.85
1981	20.7	463.57	38.0	12.18
NONFERROUS ROLLING AND DRAWING — SIC 335				
1977	8.4	–	–	–
1978	8.8	–	–	–
1979	8.8	–	–	–
1980	7.9	–	–	–
1981	7.7	–	–	–
FABRICATED METAL PRODUCTS — SIC 34				
1977	145.7	324.34	42.8	7.58
1978	155.6	339.06	42.0	8.07
1979	150.8	337.88	40.0	8.45
1980	118.0	360.45	39.3	9.17
1981	114.1	399.63	39.1	10.21
CUTLERY, HAND TOOLS, AND HARDWARE — SIC 342				
1977	18.7	342.10	43.2	7.92
1978	18.6	343.56	40.9	8.40
1979	17.5	353.45	38.7	9.13
1980	14.6	36.15	36.9	9.80
1981	14.5	425.61	36.9	11.54
PLUMBING AND HEATING, EXCEPT ELECTRIC — SIC 343				
1977	2.4	–	–	–
1978	2.1	–	–	–
1979	2.4	–	–	–
1980	2.3	–	–	–
1981	2.4	–	–	–
FABRICATED STRUCTURAL METAL PRODUCTS — SIC 344				
1977	17.7	–	–	–
1978	19.5	–	–	–
1979	20.2	–	–	–
1980	16.9	–	–	–
1981	16.0	–	–	–
SCREW MACHINE PRODUCTS, BOLTS, ETC. — SIC 345				
1980	9.3	–	–	–
1981	9.1	–	–	–
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	150.6	319.50	43.1	7.41
1978	159.8	351.05	43.5	8.07
1979	167.2	381.82	43.3	8.82
1980	158.4	403.45	42.0	9.61
1981	157.1	443.58	41.6	10.67
ENGINES AND TURBINES — SIC 351				
1977	11.9	–	–	–
1978	12.9	–	–	–
1979	12.8	–	–	–
1980	11.9	–	–	–
1981	11.8	–	–	–
STATEWIDE (Con.)				
CONSTRUCTION AND RELATED MACHINERY — SIC 353				
1977	15.6	–	–	–
1978	16.4	–	–	–
1979	17.0	–	–	–
1980	15.6	–	–	–
1981	15.4	–	–	–
METALWORKING MACHINERY — SIC 354				
1977	56.5	344.11	45.1	7.63
1978	60.5	373.82	45.6	8.20
1979	64.2	409.38	45.3	9.04
1980	63.3	432.28	43.7	9.89
1981	63.8	472.55	42.9	11.01
GENERAL INDUSTRIAL MACHINERY — SIC 356				
1977	15.9	–	–	–
1978	17.2	–	–	–
1979	17.6	–	–	–
1980	16.7	–	–	–
1981	16.0	–	–	–
REFRIGERATION AND SERVICE MACHINERY — SIC 358				
1977	8.8	–	–	–
1978	9.3	–	–	–
1979	9.1	–	–	–
1980	7.4	–	–	–
1981	7.8	–	–	–
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	40.9	284.96	43.0	6.63
1978	42.7	305.52	42.7	7.16
1979	41.9	300.75	40.5	7.43
1980	34.9	320.83	40.7	7.88
1981	32.8	342.30	39.8	8.60
ELECTRIC DISTRIBUTING EQUIPMENT — SIC 361				
1977	2.7	–	–	–
1978	1.8	–	–	–
1979	2.0	–	–	–
1980	1.9	–	–	–
1981	1.9	–	–	–
HOUSEHOLD APPLIANCES — SIC 363				
1977	8.5	–	–	–
1978	9.2	–	–	–
1979	9.2	–	–	–
1980	8.7	–	–	–
1981	8.7	–	–	–
TRANSPORTATION EQUIPMENT — SIC 37				
1977	400.1	378.11	44.8	8.44
1978	423.7	404.93	44.4	9.12
1979	405.6	409.09	41.6	9.83
1980	340.2	436.14	39.9	10.93
1981	339.6	486.92	40.8	11.94
MOTOR VEHICLES AND EQUIPMENT — SIC 371				
1977	386.5	382.46	45.0	8.50
1978	409.6	408.87	44.5	9.19
1979	392.7	411.80	41.6	9.90
1980	326.3	438.23	39.8	11.01
1981	324.2	490.51	40.7	12.05
INSTRUMENTS AND RELATED PRODUCTS — SIC 38				
1977	11.2	–	–	–
1978	12.1	–	–	–
1979	13.8	–	–	–
1980	13.8	–	–	–
1981	13.2	–	–	–

See footnotes at end of tables.

MICHIGAN

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
NONDURABLE GOODS				
1977	222.5	267.46	41.7	6.41
1978	226.8	287.52	41.4	6.95
1979	225.0	302.90	40.5	7.48
1980	203.9	321.88	40.2	8.01
1981	197.2	360.81	40.7	8.86
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	51.9	262.38	41.9	6.29
1978	52.4	281.09	41.3	6.81
1979	52.1	305.54	41.3	7.40
1980	48.0	331.75	41.6	7.98
1981	45.9	369.84	41.5	8.90
MEAT PRODUCTS — SIC 201				
1977	7.1	-	-	-
1978	7.2	-	-	-
1979	7.1	-	-	-
1980	7.0	-	-	-
1981	7.3	-	-	-
DAIRY PRODUCTS — SIC 202				
1977	5.7	-	-	-
1978	5.0	-	-	-
1979	4.9	-	-	-
1980	4.7	-	-	-
1981	4.5	-	-	-
GRAIN MILL PRODUCTS — SIC 204				
1977	8.7	-	-	-
1978	8.5	-	-	-
1979	8.1	-	-	-
1980	8.2	-	-	-
1981	7.6	-	-	-
BAKERY PRODUCTS — SIC 205				
1977	8.7	-	-	-
1978	9.0	-	-	-
1979	8.7	-	-	-
1980	8.0	-	-	-
1981	7.7	-	-	-
BEVERAGES — SIC 208				
1977	7.1	-	-	-
1978	7.4	-	-	-
1979	8.9	-	-	-
1980	7.5	-	-	-
1981	7.0	-	-	-
TEXTILES, AND APPAREL — SIC 22,23				
1977	27.3	303.92	42.1	7.22
1978	27.7	324.69	41.1	7.90
1979	25.8	331.47	38.8	8.54
1980	20.7	340.20	38.2	8.91
1981	20.8	404.91	38.9	10.41
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	24.3	282.90	45.3	6.25
1978	23.7	310.96	45.1	6.90
1979	23.8	329.36	43.4	7.59
1980	21.6	350.75	42.9	8.18
1981	21.6	399.09	44.2	9.02
PRINTING AND PUBLISHING — SIC 27				
1977	32.3	248.78	37.9	6.56
1978	33.6	267.54	37.9	7.06
1979	34.1	285.82	37.1	7.70
1980	33.2	298.57	36.2	8.25
1981	32.5	327.72	37.1	8.82
NEWSPAPERS — SIC 271				
1977	12.7	-	-	-
1978	13.3	-	-	-
1979	13.6	-	-	-
1980	13.4	-	-	-
1981	13.4	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	47.2	309.61	42.5	7.29
1978	45.9	335.71	43.1	7.79
1979	45.0	351.44	42.2	8.33
1980	44.3	362.11	41.8	8.66
1981	43.0	398.21	42.4	9.40
INDUSTRIAL INORGANIC CHEMICALS — SIC 281				
1977	7.0	-	-	-
1978	6.7	-	-	-
1979	5.9	-	-	-
1980	4.4	-	-	-
1981	3.5	-	-	-
PAINTS AND ALLIED PRODUCTS — SIC 285				
1977	3.9	-	-	-
1978	4.1	-	-	-
1979	3.5	-	-	-
1980	3.2	-	-	-
1981	3.0	-	-	-
PETROLEUM AND COAL PRODUCTS — SIC 29				
1980	3.2	-	-	-
1981	3.1	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	150.8	-	-	-
1978	155.9	-	-	-
1979	160.6	-	-	-
1980	152.2	-	-	-
1981	144.8	-	-	-
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	73.4	-	-	-
1978	75.5	-	-	-
1979	78.0	-	-	-
1980	80.0	-	-	-
1981	79.0	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	708.9	-	-	-
1978	749.1	-	-	-
1979	761.3	-	-	-
1980	733.7	-	-	-
1981	713.3	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	151.8	-	-	-
1978	164.2	-	-	-
1979	170.4	-	-	-
1980	161.5	-	-	-
1981	158.6	-	-	-
RETAIL TRADE — SIC 52-59				
1977	557.1	-	-	-
1978	584.9	-	-	-
1979	590.9	-	-	-
1980	572.1	-	-	-
1981	554.7	-	-	-
DEPARTMENT STORES — SIC 531				
1977	74.9	127.19	31.6	4.03
1978	83.4	136.97	30.8	4.45
1979	81.1	154.91	31.0	5.00
1980	79.2	156.37	29.7	5.27
1981	74.4	173.31	31.9	5.44
FINANCE, INSURANCE, AND REAL ESTATE				
1977	142.2	-	-	-
1978	147.4	-	-	-
1979	154.5	-	-	-
1980	156.5	-	-	-
1981	154.0	-	-	-
BANKING — SIC 60				
1977	47.9	149.97	-	-
1978	50.4	158.25	-	-

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
BANKING — SIC 60 (Con.)				
1979	54.0	167.96	-	-
1980	54.5	183.51	-	-
1981	53.6	200.92	-	-
INSURANCE CARRIERS — SIC 63				
1977	36.8	-	-	-
1978	36.4	-	-	-
1979	37.6	-	-	-
1980	37.6	-	-	-
1981	37.2	-	-	-
SERVICES				
1977	580.4	-	-	-
1978	613.8	-	-	-
1979	626.7	-	-	-
1980	644.4	-	-	-
1981	655.2	-	-	-
GOVERNMENT				
1977	596.7	-	-	-
1978	611.4	-	-	-
1979	621.0	-	-	-
1980	627.8	-	-	-
1981	617.7	-	-	-
FEDERAL GOVERNMENT				
1977	54.7	-	-	-
1978	54.6	-	-	-
1979	56.7	-	-	-
1980	58.2	-	-	-
1981	56.5	-	-	-
STATE GOVERNMENT				
1977	136.8	-	-	-
1978	143.6	-	-	-
1979	147.7	-	-	-
1980	152.3	-	-	-
1981	148.7	-	-	-
LOCAL GOVERNMENT				
1977	405.2	-	-	-
1978	413.2	-	-	-
1979	416.6	-	-	-
1980	417.3	-	-	-
1981	412.5	-	-	-
ANN ARBOR				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	126.8	-	-	-
1978	134.7	-	-	-
1979	141.8	-	-	-
1980	139.5	-	-	-
1981	135.8	-	-	-
CONSTRUCTION				
1977	2.5	-	-	-
1978	3.0	-	-	-
1979	3.2	-	-	-
1980	2.9	-	-	-
1981	2.3	-	-	-
MANUFACTURING				
1977	40.8	363.67	44.6	8.15
1978	44.0	390.05	44.4	8.79
1979	46.8	390.59	42.4	9.21
1980	40.9	401.95	39.9	10.07
1981	37.6	470.58	42.2	11.14
DURABLE GOODS				
1977	36.8	371.25	44.6	8.32
1978	39.5	398.81	44.5	8.96
1979	42.3	401.24	42.5	9.44
1980	36.8	411.24	39.9	10.31
1981	33.7	485.81	42.5	11.43

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
ANN ARBOR (Con.)				
FABRICATED METAL PRODUCTS — SIC 34				
1977	1.9	262.45	41.5	6.32
1978	2.1	277.55	40.5	6.85
1979	2.6	294.39	40.4	7.29
1980	2.1	296.01	36.9	8.02
1981	1.9	340.86	39.3	8.68
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	2.2	309.63	45.3	6.84
1978	2.2	336.46	48.1	7.00
1979	2.2	348.76	46.2	7.55
1980	3.0	349.40	44.1	7.92
1981	2.5	388.22	47.2	8.23
TRANSPORTATION EQUIPMENT — SIC 37				
1977	20.8	365.63	42.5	8.60
1978	21.8	399.11	42.8	9.33
1979	24.9	411.44	41.8	9.84
1980	21.9	422.05	39.0	10.82
1981	20.5	509.01	41.9	12.15
NONDURABLE GOODS				
1977	4.0	258.53	44.3	5.84
1978	4.5	269.93	43.3	6.23
1979	4.5	277.11	41.2	6.73
1980	4.0	294.97	39.1	7.54
1981	3.9	324.35	39.6	8.20
PRINTING AND PUBLISHING — SIC 27				
1977	1.8	-	-	-
1978	2.0	-	-	-
1979	2.1	-	-	-
1980	2.1	-	-	-
1981	2.0	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	2.9	-	-	-
1978	3.4	-	-	-
1979	3.5	-	-	-
1980	3.3	-	-	-
1981	3.3	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	18.2	-	-	-
1978	19.4	-	-	-
1979	19.5	-	-	-
1980	19.8	-	-	-
1981	20.0	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	2.1	-	-	-
1978	2.4	-	-	-
1979	2.6	-	-	-
1980	2.6	-	-	-
1981	2.9	-	-	-
RETAIL TRADE — SIC 52-59				
1977	16.1	-	-	-
1978	17.0	-	-	-
1979	16.9	-	-	-
1980	17.2	-	-	-
1981	17.1	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	3.0	-	-	-
1978	3.3	-	-	-
1979	3.9	-	-	-
1980	4.1	-	-	-
1981	4.0	-	-	-
SERVICES AND MINING				
1977	17.7	-	-	-
1978	19.9	-	-	-
1979	21.6	-	-	-
1980	23.0	-	-	-
1981	24.0	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
ANN ARBOR (Con.)				
GOVERNMENT				
1977	41.7	-	-	-
1978	41.7	-	-	-
1979	43.3	-	-	-
1980	45.5	-	-	-
1981	44.6	-	-	-
FEDERAL GOVERNMENT				
1977	2.1	-	-	-
1978	2.2	-	-	-
1979	2.3	-	-	-
1980	2.4	-	-	-
1981	2.4	-	-	-
STATE GOVERNMENT				
1977	29.7	-	-	-
1978	28.9	-	-	-
1979	30.1	-	-	-
1980	31.7	-	-	-
1981	31.5	-	-	-
LOCAL GOVERNMENT				
1977	9.9	-	-	-
1978	10.6	-	-	-
1979	10.9	-	-	-
1980	11.4	-	-	-
1981	10.7	-	-	-
BATTLE CREEK				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	65.6	-	-	-
1978	67.0	-	-	-
1979	66.3	-	-	-
1980	63.9	-	-	-
1981	62.4	-	-	-
CONSTRUCTION				
1977	1.6	-	-	-
1978	1.7	-	-	-
1979	1.8	-	-	-
1980	1.7	-	-	-
1981	1.5	-	-	-
MANUFACTURING				
1977	23.8	306.19	41.4	7.40
1978	24.3	336.99	41.8	8.06
1979	23.8	352.72	40.9	8.62
1980	20.9	377.42	40.4	9.34
1981	19.8	423.38	40.9	10.36
DURABLE GOODS				
1977	13.8	279.78	41.0	6.82
1978	14.5	313.71	41.9	7.49
1979	14.5	333.44	41.1	8.11
1980	11.6	330.38	39.7	8.32
1981	10.9	360.15	39.8	9.05
PRIMARY METAL INDUSTRIES — SIC 33				
1977	1.6	326.20	43.2	7.55
1978	1.8	351.50	41.9	8.39
1979	1.7	345.90	38.8	8.92
1980	1.1	381.15	39.7	9.60
1981	.9	411.77	39.8	10.36
FABRICATED METAL PRODUCTS — SIC 34				
1977	2.2	252.20	41.5	6.08
1978	2.7	270.34	41.4	6.53
1979	2.5	287.37	40.6	7.08
1980	2.1	286.99	39.1	7.34
1981	2.0	295.66	38.0	7.78
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	8.0	301.47	40.8	7.39
1978	8.2	347.06	42.9	8.09
1979	8.5	366.46	42.4	8.64
1980	6.7	365.63	40.5	9.03
1981	6.2	416.58	40.1	10.39

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
BATTLE CREEK (Con.)				
NONDURABLE GOODS				
1977	10.0	344.13	42.1	8.17
1978	9.8	374.19	41.8	8.95
1979	9.3	386.07	40.6	9.51
1980	9.3	435.20	41.1	10.59
1981	8.9	496.04	42.1	11.79
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	7.5	362.66	41.4	8.76
1978	7.3	398.65	41.6	9.58
1979	6.8	419.06	40.8	10.27
1980	6.9	474.72	41.8	11.36
1981	6.5	548.06	43.2	12.70
TRANSPORTATION AND PUBLIC UTILITIES				
1977	2.3	-	-	-
1978	2.4	-	-	-
1979	2.5	-	-	-
1980	2.3	-	-	-
1981	2.3	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	11.2	-	-	-
1978	3.9	-	-	-
1975	11.2	-	-	-
1980	10.8	-	-	-
1981	10.7	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	1.6	-	-	-
1978	1.5	-	-	-
1979	1.5	-	-	-
1980	1.5	-	-	-
1981	1.5	-	-	-
RETAIL TRADE — SIC 52-59				
1977	9.6	-	-	-
1978	9.9	-	-	-
1979	9.7	-	-	-
1980	9.4	-	-	-
1981	9.2	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	3.8	-	-	-
1978	3.7	-	-	-
1979	3.7	-	-	-
1980	4.2	-	-	-
1981	4.3	-	-	-
SERVICES AND MINING				
1977	10.4	-	-	-
1978	11.4	-	-	-
1979	11.1	-	-	-
1980	11.3	-	-	-
1981	11.7	-	-	-
GOVERNMENT				
1977	12.5	-	-	-
1978	12.1	-	-	-
1979	12.2	-	-	-
1980	12.4	-	-	-
1981	12.2	-	-	-
FEDERAL GOVERNMENT				
1977	3.8	-	-	-
1978	3.8	-	-	-
1979	3.8	-	-	-
1980	4.0	-	-	-
1981	4.0	-	-	-
STATE GOVERNMENT				
1977	.5	-	-	-
1978	.6	-	-	-
1979	.6	-	-	-
1980	.7	-	-	-
1981	.7	-	-	-

See footnotes at end of tables.

MICHIGAN

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
BATTLE CREEK (Con.)				
LOCAL GOVERNMENT				
1977	8.2	-	-	-
1978	7.7	-	-	-
1979	7.8	-	-	-
1980	7.8	-	-	-
1981	7.5	-	-	-
BAY CITY				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	35.1	-	-	-
1978	35.0	-	-	-
1979	35.6	-	-	-
1980	34.6	-	-	-
1981	34.4	-	-	-
CONSTRUCTION				
1977	1.4	-	-	-
1978	1.4	-	-	-
1979	1.3	-	-	-
1980	1.1	-	-	-
1981	1.0	-	-	-
MANUFACTURING				
1977	11.0	347.52	48.1	7.23
1978	11.1	330.21	43.3	7.63
1979	10.8	319.15	41.4	7.71
1980	9.4	347.94	40.7	8.55
1981	9.0	378.54	40.7	9.31
DURABLE GOODS				
1977	8.4	376.00	50.1	7.51
1978	8.3	350.11	44.1	7.94
1979	8.4	345.32	41.4	8.34
1980	7.0	381.84	40.9	9.34
1981	6.6	421.71	40.7	10.35
FABRICATED METAL PRODUCTS — SIC 34				
1977	.3	208.40	42.0	4.96
1978	.4	231.19	42.6	5.43
1979	.5	245.32	41.3	5.94
1980	.2	262.58	40.8	6.44
1981	.3	279.65	41.0	6.82
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	1.1	-	-	-
1978	1.0	-	-	-
1979	1.0	-	-	-
1980	1.2	-	-	-
1981	1.0	-	-	-
TRANSPORTATION EQUIPMENT — SIC 37				
1977	4.2	512.11	59.7	8.58
1978	4.4	417.23	45.9	9.09
1979	4.0	385.35	40.7	9.47
1980	2.9	441.21	41.2	10.71
1981	2.9	507.59	42.0	12.09
NONDURABLE GOODS				
1977	2.6	262.11	42.1	6.23
1978	2.8	266.82	40.6	6.57
1979	2.4	228.95	41.2	5.56
1980	2.4	239.27	39.7	6.03
1981	2.4	254.44	40.5	6.29
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	.7	282.57	43.6	6.48
1978	.7	306.64	44.7	6.86
1979	.6	282.34	41.2	6.85
1980	.5	328.66	43.7	7.52
1981	.5	353.19	47.5	7.43
TRANSPORTATION AND PUBLIC UTILITIES				
1977	1.7	-	-	-
1978	1.8	-	-	-
1979	1.8	-	-	-
1980	1.8	-	-	-
1981	1.7	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
BAY CITY (Con.)				
WHOLESALE AND RETAIL TRADE				
1977	8.7	-	-	-
1978	8.4	-	-	-
1979	8.4	-	-	-
1980	8.3	-	-	-
1981	8.7	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	1.9	-	-	-
1978	1.6	-	-	-
1979	1.5	-	-	-
1980	1.9	-	-	-
1981	2.0	-	-	-
RETAIL TRADE — SIC 52-59				
1977	6.8	-	-	-
1978	6.9	-	-	-
1979	6.9	-	-	-
1980	6.6	-	-	-
1981	6.7	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	1.1	-	-	-
1978	1.2	-	-	-
1979	1.3	-	-	-
1980	1.3	-	-	-
1981	1.4	-	-	-
SERVICES AND MINING				
1977	6.0	-	-	-
1978	6.2	-	-	-
1979	6.5	-	-	-
1980	6.8	-	-	-
1981	7.1	-	-	-
GOVERNMENT				
1977	5.2	-	-	-
1978	4.8	-	-	-
1979	5.5	-	-	-
1980	5.5	-	-	-
1981	5.5	-	-	-
BENTON HARBOR				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1980	61.0	-	-	-
1981	59.5	-	-	-
CONSTRUCTION				
1980	2.2	-	-	-
1981	1.8	-	-	-
MANUFACTURING				
1980	21.4	-	-	-
1981	21.0	339.53	40.7	8.33
DURABLE GOODS				
1980	16.6	-	-	-
1981	16.2	-	-	-
PRIMARY METAL INDUSTRIES — SIC 33				
1980	3.2	-	-	-
1981	3.1	-	-	-
FABRICATED METAL PRODUCTS — SIC 34				
1980	1.6	-	-	-
1981	1.5	-	-	-
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1980	4.1	-	-	-
1981	4.2	-	-	-
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1980	4.5	-	-	-
1981	4.4	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
BENTON HARBOR (Con.)				
TRANSPORTATION EQUIPMENT — SIC 37				
1980	1.9	-	-	-
1981	1.9	-	-	-
NONDURABLE GOODS				
1980	4.8	-	-	-
1981	4.8	-	-	-
FOOD AND KINDRED PRODUCTS — SIC 20				
1980	1.1	-	-	-
1981	1.1	-	-	-
PAPER AND ALLIED PRODUCTS — SIC 26				
1980	.8	-	-	-
1981	.8	-	-	-
PRINTING AND PUBLISHING — SIC 27				
1980	1.3	-	-	-
1981	1.3	-	-	-
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS — SIC 30				
1980	1.4	-	-	-
1981	1.3	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1980	2.1	-	-	-
1981	2.1	-	-	-
WHOLESALE AND RETAIL TRADE				
1980	12.2	-	-	-
1981	11.6	-	-	-
WHOLESALE TRADE — SIC 50,51				
1980	2.4	-	-	-
1981	2.5	-	-	-
RETAIL TRADE — SIC 52-59				
1980	9.8	-	-	-
1981	9.1	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1980	2.1	-	-	-
1981	2.0	-	-	-
SERVICES AND MINING				
1980	12.1	-	-	-
1981	12.3	-	-	-
GOVERNMENT				
1980	8.9	-	-	-
1981	8.7	-	-	-
FEDERAL GOVERNMENT				
1980	.5	-	-	-
1981	.5	-	-	-
STATE GOVERNMENT				
1980	.7	-	-	-
1981	.6	-	-	-
LOCAL GOVERNMENT				
1980	7.8	-	-	-
1981	7.6	-	-	-
DETROIT				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	1,729.0	-	-	-
1978	1,799.8	-	-	-
1979	1,791.8	-	-	-
1980	1,676.5	-	-	-
1981	1,631.1	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
DETROIT (Con.)				
MINING				
1977	1.1	–	–	–
1978	1.2	–	–	–
1979	1.4	–	–	–
1980	1.3	–	–	–
1981	1.1	–	–	–
CONSTRUCTION				
1977	56.0	–	–	–
1978	62.3	–	–	–
1979	62.9	–	–	–
1980	52.2	–	–	–
1981	46.5	–	–	–
MANUFACTURING				
1977	583.0	349.78	43.5	8.04
1978	608.9	381.23	43.5	8.76
1979	580.6	393.47	42.3	9.30
1980	491.4	418.56	41.1	10.18
1981	467.2	457.16	41.0	11.15
DURABLE GOODS				
1977	490.5	359.52	43.7	8.23
1978	514.5	391.18	43.8	8.93
1979	489.4	404.15	42.6	9.49
1980	412.3	429.06	41.2	10.41
1981	391.4	469.07	41.2	11.39
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	2.1	201.78	38.7	5.21
1978	2.4	219.05	39.9	5.49
1979	2.2	229.97	38.1	6.04
1980	1.6	251.54	37.6	6.69
1981	1.6	248.79	38.1	6.52
FURNITURE AND FIXTURES — SIC 25				
1977	1.6	279.87	42.2	6.63
1978	1.7	294.81	42.8	6.89
1979	1.8	300.33	40.8	7.36
1980	1.7	302.50	39.2	7.72
1981	1.6	326.21	39.5	8.25
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	12.7	–	–	–
1978	12.9	–	–	–
1979	12.2	–	–	–
1980	10.0	–	–	–
1981	9.1	–	–	–
PRIMARY METAL INDUSTRIES — SIC 33				
1977	46.9	378.32	42.2	8.97
1978	47.4	419.58	43.1	9.74
1979	45.5	446.17	42.5	10.50
1980	36.8	462.14	40.7	11.36
1981	33.5	520.99	41.5	12.54
BLAST FURNACE AND BASIC STEEL PRODUCTS — SIC 331				
1977	26.7	400.65	40.4	9.92
1978	28.0	456.83	42.1	10.85
1979	27.5	486.63	42.5	11.45
1980	22.3	500.71	40.0	12.52
1981	21.8	568.99	41.3	13.78
IRON AND STEEL FOUNDRIES — SIC 332				
1977	11.3	399.98	44.7	8.95
1978	10.8	430.70	44.6	9.66
1979	9.1	450.96	43.2	10.44
1980	6.7	500.27	44.0	11.37
1981	4.3	529.98	42.9	12.35
NONFERROUS ROLLING AND DRAWING — SIC 335				
1977	3.7	–	–	–
1978	3.4	–	–	–
1979	3.7	–	–	–
1980	3.7	–	–	–
1981	3.5	–	–	–
DETROIT (Con.)				
FABRICATED METAL PRODUCTS — SIC 34				
1977	80.4	335.37	42.7	7.85
1978	85.3	347.77	42.4	8.20
1979	79.7	357.82	40.5	8.84
1980	59.6	374.38	39.9	9.38
1981	55.9	393.77	39.0	10.11
CUTLERY, HAND TOOLS, AND HARDWARE — SIC 342				
1977	5.6	377.47	43.1	8.76
1978	5.5	383.12	41.4	9.25
1979	5.2	388.76	38.4	10.12
1980	4.0	404.75	36.6	11.06
1981	4.1	457.58	37.2	12.30
FABRICATED STRUCTURAL METAL PRODUCTS — SIC 344				
1977	9.6	–	–	–
1978	10.8	–	–	–
1979	10.8	–	–	–
1980	9.2	–	–	–
1981	8.4	–	–	–
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	84.3	358.32	44.7	8.02
1978	89.1	400.95	45.5	8.81
1979	93.5	423.88	44.6	9.50
1980	90.0	449.66	43.2	10.41
1981	88.8	482.84	41.5	11.63
CONSTRUCTION AND RELATED MACHINERY — SIC 353				
1977	4.4	–	–	–
1978	4.7	–	–	–
1979	4.5	–	–	–
1980	4.3	–	–	–
1981	5.1	–	–	–
METALWORKING MACHINERY — SIC 354				
1977	37.7	383.22	45.9	8.35
1978	39.7	425.32	46.6	9.13
1979	42.9	457.52	46.2	9.90
1980	41.9	493.13	44.9	10.98
1981	42.2	511.74	41.4	12.35
GENERAL INDUSTRIAL MACHINERY — SIC 356				
1977	8.0	–	–	–
1978	8.7	–	–	–
1979	8.9	–	–	–
1980	9.0	–	–	–
1981	8.7	–	–	–
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	7.6	209.43	39.3	5.33
1978	7.6	223.84	38.7	5.78
1979	8.1	222.31	36.6	6.07
1980	7.6	262.72	38.5	6.82
1981	7.7	292.72	38.7	7.57
ELECTRIC DISTRIBUTING EQUIPMENT — SIC 361				
1977	.9	–	–	–
1978	1.0	–	–	–
1979	1.1	–	–	–
1980	1.1	–	–	–
1981	1.2	–	–	–
TRANSPORTATION EQUIPMENT — SIC 37				
1977	247.1	377.72	44.5	8.49
1978	260.4	410.51	44.5	9.23
1979	239.5	425.00	42.8	9.93
1980	197.8	451.88	41.4	10.92
1981	186.0	499.25	42.0	11.88
MOTOR VEHICLES AND EQUIPMENT — SIC 371				
1977	239.7	380.26	44.6	8.53
1978	252.8	413.40	44.6	9.27
1979	232.3	428.31	42.9	9.98
1980	191.5	454.45	41.4	10.98
1981	178.4	503.45	41.9	12.00
DETROIT (Con.)				
INSTRUMENTS AND RELATED PRODUCTS — SIC 38				
1977	3.2	–	–	–
1978	3.2	–	–	–
1979	3.3	–	–	–
1980	3.3	–	–	–
1981	3.3	–	–	–
NONDURABLE GOODS				
1977	92.6	300.69	42.5	7.08
1978	94.4	323.88	41.7	7.77
1979	91.1	338.27	40.8	8.29
1980	79.1	361.36	40.2	8.99
1981	75.8	397.16	40.2	9.87
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	19.3	299.57	44.1	6.79
1978	20.3	321.49	43.2	7.44
1979	19.6	346.83	43.1	8.05
1980	18.6	361.16	41.7	8.99
1981	17.6	410.64	42.8	9.60
BAKERY PRODUCTS — SIC 205				
1977	4.7	–	–	–
1978	4.5	–	–	–
1979	4.1	–	–	–
1980	3.8	–	–	–
1981	3.7	–	–	–
BEVERAGES — SIC 208				
1977	5.1	–	–	–
1978	5.0	–	–	–
1979	5.9	–	–	–
1980	5.3	–	–	–
1981	5.1	–	–	–
TEXTILES, AND APPAREL — SIC 22,23				
1977	17.6	318.95	42.2	7.56
1978	17.9	341.47	41.3	8.27
1979	17.5	333.80	38.5	8.67
1980	13.6	371.76	38.6	9.63
1981	13.8	425.16	39.2	10.85
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	4.8	282.38	45.9	6.15
1978	4.4	314.10	46.7	6.73
1979	4.3	308.74	44.1	7.00
1980	3.6	336.76	44.3	7.60
1981	3.6	381.10	43.8	8.70
PRINTING AND PUBLISHING — SIC 27				
1977	15.2	312.19	38.8	8.04
1978	15.8	328.28	37.5	8.75
1979	16.0	363.30	37.8	9.61
1980	15.7	394.27	36.5	10.80
1981	15.1	413.25	35.5	11.63
NEWSPAPERS — SIC 271				
1977	6.5	–	–	–
1978	6.9	–	–	–
1979	7.0	–	–	–
1980	6.9	–	–	–
1981	7.0	–	–	–
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	17.1	323.63	43.2	7.49
1978	17.2	362.05	43.8	8.27
1979	15.8	389.07	42.3	8.73
1980	14.3	368.45	41.2	8.94
1981	13.1	407.46	42.3	9.63
INDUSTRIAL INORGANIC CHEMICALS — SIC 281				
1977	5.1	–	–	–
1978	5.1	–	–	–
1979	4.5	–	–	–
1980	3.3	–	–	–
1981	2.6	–	–	–

See footnotes at end of tables.

MICHIGAN

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
DETROIT (Con.)				
PAINTS AND ALLIED PRODUCTS — SIC 285				
1977	2.9	-	-	-
1978	3.2	-	-	-
1979	2.5	-	-	-
1980	2.3	-	-	-
1981	2.1	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	82.9	-	-	-
1978	86.4	-	-	-
1979	87.0	-	-	-
1980	81.2	-	-	-
1981	77.1	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	346.1	-	-	-
1978	364.2	-	-	-
1979	374.6	-	-	-
1980	364.2	-	-	-
1981	358.1	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	76.7	-	-	-
1978	82.7	-	-	-
1979	86.0	-	-	-
1980	84.8	-	-	-
1981	84.4	-	-	-
DEPARTMENT STORES — SIC 531				
1977	40.6	-	-	-
1978	44.4	-	-	-
1979	42.1	-	-	-
1980	40.9	-	-	-
1981	38.6	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	81.8	-	-	-
1978	85.5	-	-	-
1979	88.5	-	-	-
1980	89.4	-	-	-
1981	88.4	-	-	-
BANKING — SIC 60				
1977	24.8	170.62	-	-
1978	25.8	181.67	-	-
1979	27.6	194.76	-	-
1980	27.8	207.19	-	-
1981	27.3	222.71	-	-
INSURANCE CARRIERS — SIC 63				
1977	23.2	-	-	-
1978	24.0	-	-	-
1979	23.8	-	-	-
1980	23.4	-	-	-
1981	23.8	-	-	-
REAL ESTATE — SIC 65				
1977	12.8	-	-	-
1980	14.6	-	-	-
1981	13.6	-	-	-
SERVICES				
1977	320.9	-	-	-
1978	335.7	-	-	-
1979	341.2	-	-	-
1980	346.0	-	-	-
1981	349.2	-	-	-
GOVERNMENT				
1977	257.2	-	-	-
1978	255.6	-	-	-
1979	255.7	-	-	-
1980	250.9	-	-	-
1981	243.6	-	-	-
FEDERAL GOVERNMENT				
1977	33.3	-	-	-
1978	33.1	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
DETROIT (Con.)				
FEDERAL GOVERNMENT (Con.)				
1979	33.4	-	-	-
1980	32.7	-	-	-
1981	31.5	-	-	-
STATE GOVERNMENT				
1977	31.2	-	-	-
1978	31.6	-	-	-
1979	33.9	-	-	-
1980	35.4	-	-	-
1981	33.1	-	-	-
LOCAL GOVERNMENT				
1977	192.6	-	-	-
1978	191.0	-	-	-
1979	188.4	-	-	-
1980	182.8	-	-	-
1981	179.0	-	-	-
FLINT				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	191.9	-	-	-
1978	197.5	-	-	-
1979	201.7	-	-	-
1980	186.3	-	-	-
1981	188.6	-	-	-
CONSTRUCTION				
1977	5.0	-	-	-
1978	5.9	-	-	-
1979	6.2	-	-	-
1980	5.1	-	-	-
1981	5.4	-	-	-
MANUFACTURING				
1977	83.1	391.53	46.6	8.40
1978	85.6	410.57	45.7	8.98
1979	85.1	405.63	41.8	9.70
1980	70.4	443.30	41.1	10.79
1981	72.4	492.59	40.6	12.14
DURABLE GOODS				
1977	79.2	-	-	-
1978	81.9	-	-	-
1979	81.0	-	-	-
1980	66.8	-	-	-
1981	68.9	-	-	-
FABRICATED METAL PRODUCTS — SIC 34				
1977	14.2	422.96	46.2	9.16
1978	14.6	414.77	43.5	9.54
1979	13.4	415.76	40.0	10.39
1980	11.5	460.92	39.9	11.55
1981	11.7	543.90	40.9	13.29
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	2.1	-	-	-
1978	2.0	-	-	-
1979	1.9	-	-	-
1980	2.0	-	-	-
1981	2.0	-	-	-
TRANSPORTATION EQUIPMENT — SIC 37				
1977	60.1	398.08	47.2	8.43
1978	62.2	423.62	46.7	9.07
1979	62.3	414.29	42.3	9.79
1980	50.5	455.08	41.5	10.97
1981	53.1	495.58	40.7	12.19
NONDURABLE GOODS				
1977	3.9	-	-	-
1978	3.7	-	-	-
1979	4.1	-	-	-
1980	3.6	-	-	-
1981	3.5	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
FLINT (Con.)				
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	1.0	235.22	39.7	5.93
1978	.9	225.71	39.9	5.66
1979	1.1	274.52	40.4	6.80
1980	1.0	262.27	36.8	7.13
1981	.9	265.37	36.3	7.31
PRINTING AND PUBLISHING — SIC 27				
1977	1.0	-	-	-
1978	1.0	-	-	-
1979	1.1	-	-	-
1980	1.0	-	-	-
1981	1.0	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	6.8	-	-	-
1978	6.8	-	-	-
1979	6.8	-	-	-
1980	6.2	-	-	-
1981	5.9	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	37.4	-	-	-
1978	39.4	-	-	-
1979	39.7	-	-	-
1980	40.1	-	-	-
1981	40.1	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	8.4	-	-	-
1978	9.5	-	-	-
1979	9.8	-	-	-
1980	9.2	-	-	-
1981	10.2	-	-	-
RETAIL TRADE — SIC 52-59				
1977	29.0	-	-	-
1978	29.9	-	-	-
1979	29.9	-	-	-
1980	30.7	-	-	-
1981	29.9	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	5.6	-	-	-
1978	5.8	-	-	-
1979	6.6	-	-	-
1980	6.4	-	-	-
1981	6.4	-	-	-
SERVICES AND MINING				
1977	26.0	-	-	-
1978	28.5	-	-	-
1979	29.0	-	-	-
1980	28.6	-	-	-
1981	29.1	-	-	-
GOVERNMENT				
1977	28.0	-	-	-
1978	25.5	-	-	-
1979	28.3	-	-	-
1980	29.7	-	-	-
1981	29.2	-	-	-
FEDERAL GOVERNMENT				
1977	1.4	-	-	-
1978	1.4	-	-	-
1979	1.5	-	-	-
1980	1.7	-	-	-
1981	1.5	-	-	-
STATE GOVERNMENT				
1977	1.8	-	-	-
1978	1.9	-	-	-
1979	2.1	-	-	-
1980	2.2	-	-	-
1981	2.1	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
FLINT (Con.)				
LOCAL GOVERNMENT				
1977	24.8	-	-	-
1978	22.2	-	-	-
1979	24.7	-	-	-
1980	25.8	-	-	-
1981	25.5	-	-	-
GRAND RAPIDS				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	240.7	-	-	-
1978	259.4	-	-	-
1979	271.1	-	-	-
1980	266.2	-	-	-
1981	268.7	-	-	-
CONSTRUCTION				
1977	10.3	-	-	-
1978	12.9	-	-	-
1979	13.5	-	-	-
1980	11.6	-	-	-
1981	10.9	-	-	-
MANUFACTURING				
1977	83.8	256.26	41.6	6.16
1978	90.5	273.90	41.4	6.62
1979	96.0	294.68	40.5	7.28
1980	89.0	315.68	39.9	7.91
1981	89.7	347.83	39.8	8.73
DURABLE GOODS				
1977	62.4	-	-	-
1978	67.4	-	-	-
1979	71.3	-	-	-
1980	64.7	-	-	-
1981	65.5	-	-	-
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	1.8	188.78	41.5	4.55
1978	1.5	195.76	39.7	4.93
1979	1.5	202.68	39.0	5.20
1980	1.2	224.34	38.7	5.80
1981	1.1	256.89	38.0	6.75
FURNITURE AND FIXTURES — SIC 25				
1977	11.0	231.73	43.0	5.39
1978	12.5	239.75	41.9	5.72
1979	13.9	249.17	40.7	6.12
1980	14.9	264.99	40.2	6.59
1981	14.9	297.92	40.7	7.33
PRIMARY METAL INDUSTRIES — SIC 33				
1977	4.7	291.06	44.1	6.60
1978	5.0	317.78	43.4	7.32
1979	5.1	317.17	40.6	7.81
1980	4.3	346.63	40.5	8.57
1981	4.7	341.10	39.0	8.74
FABRICATED METAL PRODUCTS — SIC 34				
1977	16.8	293.82	41.7	7.05
1978	17.2	311.25	41.1	7.57
1979	17.4	343.68	40.5	8.49
1980	14.4	370.92	39.0	9.51
1981	14.7	419.77	39.8	10.56
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	12.3	306.69	42.9	7.15
1978	13.5	329.84	43.1	7.65
1979	14.5	373.33	43.4	8.60
1980	13.7	402.61	41.0	9.82
1981	13.7	432.86	39.9	10.86
TRANSPORTATION EQUIPMENT — SIC 37				
1977	4.6	214.59	37.7	5.69
1978	4.8	241.96	38.9	6.22
1979	4.9	243.46	36.5	6.67
1980	4.1	270.94	37.3	7.26
1981	4.0	282.55	36.9	7.65
GRAND RAPIDS (Con.)				
NONDURABLE GOODS				
1977	21.4	-	-	-
1978	23.1	-	-	-
1979	24.7	-	-	-
1980	24.3	-	-	-
1981	24.2	-	-	-
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	5.5	197.53	38.9	5.08
1978	5.9	219.10	39.3	5.58
1979	6.4	242.94	38.5	6.31
1980	6.6	261.73	39.2	6.68
1981	6.3	279.37	38.5	7.26
TEXTILES, AND APPAREL — SIC 22,23				
1977	3.5	310.54	40.7	7.63
1978	3.4	322.14	39.0	8.26
1979	3.2	331.45	36.6	9.06
1980	2.6	389.93	37.4	10.43
1981	2.6	486.55	37.8	12.88
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	1.7	229.94	42.3	5.44
1978	1.6	256.24	42.7	6.00
1979	1.7	262.60	40.4	6.50
1980	1.6	284.28	40.7	6.99
1981	1.6	322.59	42.0	7.68
PRINTING AND PUBLISHING — SIC 27				
1977	3.4	220.76	39.4	5.60
1978	3.7	234.40	40.0	5.86
1979	3.9	260.25	40.9	6.36
1980	3.9	277.42	40.5	6.85
1981	3.9	304.35	41.8	7.29
CHEMICALS, AND PETROLEUM — SIC 28,29				
1977	3.3	-	-	-
1978	3.7	-	-	-
1979	4.7	-	-	-
1980	5.6	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	9.9	-	-	-
1978	10.6	-	-	-
1979	11.5	-	-	-
1980	11.4	-	-	-
1981	11.1	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	55.1	-	-	-
1978	58.9	-	-	-
1979	59.8	-	-	-
1980	61.0	-	-	-
1981	63.9	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	12.4	-	-	-
1978	13.6	-	-	-
1979	14.6	-	-	-
1980	15.1	-	-	-
1981	16.4	-	-	-
RETAIL TRADE — SIC 52-59				
1977	42.7	-	-	-
1978	45.3	-	-	-
1979	45.2	-	-	-
1980	45.9	-	-	-
1981	47.5	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	8.9	-	-	-
1978	9.7	-	-	-
1979	10.5	-	-	-
1980	10.9	-	-	-
1981	11.0	-	-	-
GRAND RAPIDS (Con.)				
SERVICES AND MINING				
1977	42.2	-	-	-
1978	46.4	-	-	-
1979	48.2	-	-	-
1980	49.7	-	-	-
1981	51.0	-	-	-
GOVERNMENT				
1977	30.3	-	-	-
1978	30.1	-	-	-
1979	31.3	-	-	-
1980	32.6	-	-	-
1981	31.1	-	-	-
FEDERAL GOVERNMENT				
1977	1.9	-	-	-
1978	1.8	-	-	-
1979	2.0	-	-	-
1980	2.1	-	-	-
1981	2.1	-	-	-
STATE GOVERNMENT				
1977	3.3	-	-	-
1978	3.0	-	-	-
1979	3.1	-	-	-
1980	3.1	-	-	-
1981	2.9	-	-	-
LOCAL GOVERNMENT				
1977	25.1	-	-	-
1978	25.3	-	-	-
1979	26.2	-	-	-
1980	27.4	-	-	-
1981	26.2	-	-	-
JACKSON				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	52.0	-	-	-
1978	53.8	-	-	-
1979	54.9	-	-	-
1980	52.3	-	-	-
1981	50.6	-	-	-
CONSTRUCTION				
1977	1.5	-	-	-
1978	1.8	-	-	-
1979	1.9	-	-	-
1980	1.6	-	-	-
1981	1.2	-	-	-
MANUFACTURING				
1977	15.6	272.56	41.9	6.51
1978	16.4	308.04	43.3	7.11
1979	16.7	323.48	42.0	7.70
1980	14.5	354.44	42.1	8.42
1981	14.1	399.24	43.0	9.27
DURABLE GOODS				
1977	12.2	264.44	41.3	6.40
1978	13.0	302.62	43.2	7.01
1979	13.5	320.85	42.3	7.59
1980	11.7	342.66	42.2	8.12
1981	11.4	379.96	42.9	8.87
PRIMARY METAL INDUSTRIES — SIC 33				
1977	.9	278.00	42.0	6.62
1978	.9	309.92	42.6	7.28
1979	.8	338.18	42.9	7.88
1980	.8	327.86	38.7	8.47
1981	.7	360.78	38.9	9.29
FABRICATED METAL PRODUCTS — SIC 34				
1977	3.0	265.39	41.3	6.43
1978	3.2	312.44	42.9	7.28
1979	3.3	339.56	43.3	7.84
1980	2.8	369.36	42.9	8.61
1981	2.6	381.73	41.8	9.13

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
JACKSON (Con.)				
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	2.1	260.79	41.7	6.25
1978	2.5	291.42	43.6	6.68
1979	2.8	302.77	41.9	7.23
1980	2.7	338.51	43.2	7.84
1981	2.7	382.77	44.6	8.58
TRANSPORTATION EQUIPMENT — SIC 37				
1977	4.6	298.07	42.6	7.00
1978	4.9	345.92	45.0	7.69
1979	4.7	365.66	43.5	8.41
1980	3.6	416.25	44.5	9.35
1981	3.6	469.75	46.5	10.11
NONDURABLE GOODS				
1977	3.4	302.31	44.1	6.86
1978	3.4	327.75	43.7	7.50
1979	3.2	336.03	41.1	8.18
1980	2.8	399.16	41.1	9.71
1981	2.8	480.24	43.8	10.95
TRANSPORTATION AND PUBLIC UTILITIES				
1977	4.8	–	–	–
1978	5.1	–	–	–
1979	5.1	–	–	–
1980	5.1	–	–	–
1981	5.0	–	–	–
WHOLESALE AND RETAIL TRADE				
1977	10.6	–	–	–
1978	10.9	–	–	–
1979	11.0	–	–	–
1980	10.7	–	–	–
1981	10.3	–	–	–
WHOLESALE TRADE — SIC 50,51				
1977	1.6	–	–	–
1978	1.6	–	–	–
1979	1.6	–	–	–
1980	1.7	–	–	–
1981	1.7	–	–	–
RETAIL TRADE — SIC 52-59				
1977	9.0	–	–	–
1978	9.3	–	–	–
1979	9.4	–	–	–
1980	9.0	–	–	–
1981	8.6	–	–	–
FINANCE, INSURANCE, AND REAL ESTATE				
1977	1.4	–	–	–
1978	1.4	–	–	–
1979	1.7	–	–	–
1980	1.7	–	–	–
1981	1.6	–	–	–
SERVICES AND MINING				
1977	9.5	–	–	–
1978	9.8	–	–	–
1979	9.8	–	–	–
1980	9.7	–	–	–
1981	9.6	–	–	–
GOVERNMENT				
1977	8.6	–	–	–
1978	8.4	–	–	–
1979	8.7	–	–	–
1980	9.0	–	–	–
1981	8.6	–	–	–
FEDERAL GOVERNMENT				
1977	.4	–	–	–
1978	.4	–	–	–
1979	.4	–	–	–
1980	.5	–	–	–
1981	.4	–	–	–
JACKSON (Con.)				
STATE GOVERNMENT				
1977	1.8	–	–	–
1978	1.8	–	–	–
1979	2.0	–	–	–
1980	2.1	–	–	–
1981	2.1	–	–	–
LOCAL GOVERNMENT				
1977	6.4	–	–	–
1978	6.2	–	–	–
1979	6.3	–	–	–
1980	6.4	–	–	–
1981	6.1	–	–	–
KALAMAZOO-PORTAGE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	103.3	–	–	–
1978	106.9	–	–	–
1979	111.2	–	–	–
1980	109.8	–	–	–
1981	109.8	–	–	–
CONSTRUCTION				
1977	4.0	–	–	–
1978	4.2	–	–	–
1979	4.8	–	–	–
1980	4.8	–	–	–
1981	4.2	–	–	–
MANUFACTURING				
1977	33.8	279.17	41.5	6.73
1978	34.6	297.37	41.0	7.25
1979	36.0	321.76	40.2	8.00
1980	32.9	346.92	40.0	8.67
1981	32.3	401.50	40.3	9.97
DURABLE GOODS				
1977	16.5	297.19	41.1	7.23
1978	16.9	313.87	40.4	7.77
1979	17.7	336.17	39.3	8.55
1980	15.8	359.89	38.5	9.35
1981	15.6	434.33	39.5	11.00
PRIMARY METAL INDUSTRIES — SIC 33				
1977	1.7	–	–	–
1978	1.7	–	–	–
1979	1.7	–	–	–
1980	1.4	–	–	–
1981	1.5	–	–	–
FABRICATED METAL PRODUCTS — SIC 34				
1977	5.0	–	–	–
1978	5.2	–	–	–
1979	5.4	–	–	–
1980	4.6	–	–	–
1981	4.7	–	–	–
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	3.2	245.90	41.3	5.95
1978	3.3	269.16	40.9	6.58
1979	3.4	303.75	42.1	7.22
1980	3.3	308.54	39.4	7.83
1981	3.1	328.90	40.2	8.18
TRANSPORTATION EQUIPMENT — SIC 37				
1977	3.5	288.38	40.4	7.14
1978	3.6	312.30	39.9	7.83
1979	3.8	346.84	39.2	8.85
1980	3.4	–	–	–
1981	3.3	435.45	38.9	11.18
NONDURABLE GOODS				
1977	17.3	257.86	42.1	6.13
1978	17.7	277.51	41.8	6.64
1979	18.3	305.19	41.5	7.35
1980	17.1	330.67	41.8	7.91
1981	16.7	361.23	41.3	8.76
KALAMAZOO-PORTAGE (Con.)				
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	1.8	207.92	39.9	5.21
1978	2.0	222.67	40.2	5.54
1979	2.1	266.61	41.6	6.41
1980	1.9	295.99	42.2	7.01
1981	1.7	311.13	41.6	7.48
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	5.6	288.47	45.4	6.35
1978	5.6	310.42	44.1	7.04
1979	5.7	340.63	43.8	7.78
1980	4.9	358.44	44.1	8.13
1981	4.8	385.70	43.3	8.91
PRINTING AND PUBLISHING — SIC 27				
1977	1.6	216.19	37.5	5.77
1978	1.5	227.92	38.3	5.95
1979	1.5	242.64	37.7	6.44
1980	1.4	260.24	30.8	7.07
1981	1.5	278.52	36.6	7.62
CHEMICALS, AND PETROLEUM — SIC 28,29				
1977	6.4	–	–	–
1978	6.5	–	–	–
1979	6.8	–	–	–
1980	7.1	–	–	–
TRANSPORTATION AND PUBLIC UTILITIES				
1977	3.6	–	–	–
1978	3.9	–	–	–
1979	4.1	–	–	–
1980	4.0	–	–	–
1981	4.2	–	–	–
WHOLESALE AND RETAIL TRADE				
1977	20.3	–	–	–
1978	22.1	–	–	–
1979	21.4	–	–	–
1980	21.7	–	–	–
1981	22.4	–	–	–
WHOLESALE TRADE — SIC 50,51				
1977	3.2	–	–	–
1978	3.1	–	–	–
1979	3.3	–	–	–
1980	3.5	–	–	–
1981	3.7	–	–	–
RETAIL TRADE — SIC 52-59				
1977	17.1	–	–	–
1978	18.0	–	–	–
1979	18.1	–	–	–
1980	18.6	–	–	–
1981	18.7	–	–	–
FINANCE, INSURANCE, AND REAL ESTATE				
1977	3.7	–	–	–
1978	3.7	–	–	–
1979	3.7	–	–	–
1980	3.8	–	–	–
1981	4.0	–	–	–
SERVICES AND MINING				
1977	17.9	–	–	–
1978	19.9	–	–	–
1979	20.9	–	–	–
1980	21.7	–	–	–
1981	22.4	–	–	–
GOVERNMENT				
1977	19.9	–	–	–
1978	19.4	–	–	–
1979	20.2	–	–	–
1980	20.6	–	–	–
1981	20.2	–	–	–

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
KALAMAZOO-PORTAGE (Con.)				
FEDERAL GOVERNMENT				
1977	1.0	-	-	-
1978	1.0	-	-	-
1979	1.1	-	-	-
1980	1.1	-	-	-
1981	1.1	-	-	-
STATE GOVERNMENT				
1977	7.2	-	-	-
1978	7.1	-	-	-
1979	7.3	-	-	-
1980	7.4	-	-	-
1981	7.2	-	-	-
LOCAL GOVERNMENT				
1977	11.7	-	-	-
1978	11.3	-	-	-
1979	11.8	-	-	-
1980	12.0	-	-	-
1981	11.9	-	-	-
LANSING-EAST LANSING				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	180.1	-	-	-
1978	188.8	-	-	-
1979	194.7	-	-	-
1980	191.3	-	-	-
1981	193.3	-	-	-
CONSTRUCTION				
1977	5.2	-	-	-
1978	6.3	-	-	-
1979	6.6	-	-	-
1980	5.9	-	-	-
1981	5.1	-	-	-
MANUFACTURING				
1977	42.0	340.51	43.7	7.79
1978	44.5	357.56	42.1	8.49
1979	44.7	372.41	40.3	9.24
1980	37.9	385.37	37.8	10.20
1981	41.1	470.22	39.0	12.07
DURABLE GOODS				
1977	36.8	360.38	44.3	8.14
1978	39.1	374.86	42.4	8.84
1979	39.7	390.50	40.5	9.64
1980	33.6	401.24	37.5	10.70
1981	36.9	499.34	38.9	12.58
PRIMARY METAL INDUSTRIES — SIC 33				
1977	1.2	252.44	43.6	5.79
1978	1.3	263.35	43.2	6.10
1979	1.1	270.09	42.4	6.37
1980	1.0	282.06	39.8	7.09
1981	1.1	342.51	44.0	7.78
FABRICATED METAL PRODUCTS — SIC 34				
1977	3.4	249.00	40.9	6.09
1978	4.4	265.08	39.5	6.71
1979	4.7	296.39	39.2	7.56
1980	3.4	306.94	37.3	8.23
1981	3.2	331.57	37.5	8.84
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	3.4	324.75	46.3	7.01
1978	3.8	342.81	44.8	7.65
1979	3.9	377.32	44.5	8.48
1980	3.4	420.22	44.7	9.40
1981	3.9	441.56	44.5	9.93
TRANSPORTATION EQUIPMENT — SIC 37				
1977	25.6	395.82	45.0	8.80
1978	27.4	408.26	42.7	9.56
1979	28.0	420.16	40.0	10.50
1980	23.9	421.72	36.1	11.68
1981	26.9	528.84	37.9	13.97
LANSING-EAST LANSING (Con.)				
NONDURABLE GOODS				
1977	5.2	191.60	39.4	4.86
1978	5.4	221.74	39.4	5.63
1979	5.0	224.18	38.9	5.76
1980	4.2	239.75	40.1	5.98
1981	4.2	251.75	39.6	6.35
TRANSPORTATION AND PUBLIC UTILITIES				
1977	5.0	-	-	-
1978	5.1	-	-	-
1979	5.5	-	-	-
1980	5.6	-	-	-
1981	5.5	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	33.3	-	-	-
1978	34.7	-	-	-
1979	35.4	-	-	-
1980	35.2	-	-	-
1981	35.4	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	6.3	-	-	-
1978	6.9	-	-	-
1979	7.1	-	-	-
1980	7.1	-	-	-
1981	7.6	-	-	-
RETAIL TRADE — SIC 52-59				
1977	26.9	-	-	-
1978	27.8	-	-	-
1979	28.3	-	-	-
1980	28.1	-	-	-
1981	27.8	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	8.0	-	-	-
1978	8.6	-	-	-
1979	9.3	-	-	-
1980	9.4	-	-	-
1981	9.4	-	-	-
SERVICES AND MINING				
1977	23.2	-	-	-
1978	24.8	-	-	-
1979	27.0	-	-	-
1980	29.8	-	-	-
1981	30.3	-	-	-
GOVERNMENT				
1977	63.5	-	-	-
1978	64.8	-	-	-
1979	66.2	-	-	-
1980	67.4	-	-	-
1981	66.5	-	-	-
FEDERAL GOVERNMENT				
1977	2.6	-	-	-
1978	2.5	-	-	-
1979	2.7	-	-	-
1980	2.7	-	-	-
1981	2.6	-	-	-
STATE GOVERNMENT				
1977	38.2	-	-	-
1978	40.3	-	-	-
1979	39.8	-	-	-
1980	40.0	-	-	-
1981	39.7	-	-	-
LOCAL GOVERNMENT				
1977	22.7	-	-	-
1978	22.0	-	-	-
1979	23.7	-	-	-
1980	24.7	-	-	-
1981	24.3	-	-	-
MUSKEGON-NORTON SHORES-MUSK HTS				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	59.2	-	-	-
1978	60.1	-	-	-
1979	62.1	-	-	-
1980	60.2	-	-	-
1981	59.3	-	-	-
CONSTRUCTION				
1977	2.2	-	-	-
1978	2.7	-	-	-
1979	3.0	-	-	-
1980	2.2	-	-	-
1981	2.0	-	-	-
MANUFACTURING				
1977	22.1	270.90	42.0	6.45
1978	22.0	292.49	41.5	7.05
1979	22.5	305.68	40.3	7.59
1980	20.3	333.94	40.2	8.31
1981	19.9	360.32	40.3	8.95
DURABLE GOODS				
1977	18.8	272.64	42.1	6.48
1978	18.8	293.49	41.5	7.07
1979	19.3	303.96	40.1	7.58
1980	17.3	334.20	39.9	8.38
1981	16.8	362.31	40.1	9.04
FURNITURE AND FIXTURES — SIC 25				
1977	1.5	-	-	-
1978	1.6	-	-	-
1979	1.6	-	-	-
1980	1.4	-	-	-
1981	1.3	-	-	-
PRIMARY METAL INDUSTRIES — SIC 33				
1977	6.5	269.30	42.8	6.29
1978	5.7	291.57	42.3	6.89
1979	6.2	303.46	40.7	7.46
1980	3.3	341.83	40.4	8.46
1981	2.9	367.31	38.5	9.53
FABRICATED METAL PRODUCTS — SIC 34				
1977	1.3	223.47	41.3	5.41
1978	1.5	237.66	41.6	5.71
1979	1.6	249.63	40.4	6.18
1980	1.2	301.80	41.6	7.26
1981	1.3	384.21	47.4	8.11
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	7.6	300.71	42.3	7.11
1978	7.9	319.32	41.6	7.68
1979	7.9	329.11	39.8	8.27
1980	7.2	-	-	-
1981	7.2	406.83	40.5	10.04
NONDURABLE GOODS				
1977	3.3	258.11	41.1	6.28
1978	3.2	285.81	41.5	6.89
1979	3.2	318.90	41.9	7.61
1980	3.0	327.01	41.6	7.86
1981	3.1	349.56	41.2	8.49
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	.8	-	-	-
1978	.8	-	-	-
1979	.8	-	-	-
1980	.5	-	-	-
1981	.5	-	-	-
CHEMICALS, AND PETROLEUM — SIC 28,29				
1977	.7	-	-	-
1978	.7	-	-	-
1979	.7	-	-	-
1980	.7	-	-	-

See footnotes at end of tables.

MICHIGAN

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
MUSKEGON-NORTON SHORES-MUSK HTS (Con.)				
TRANSPORTATION AND PUBLIC UTILITIES				
1977	3.0	-	-	-
1978	3.0	-	-	-
1979	3.2	-	-	-
1980	3.2	-	-	-
1981	3.1	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	10.8	-	-	-
1978	11.1	-	-	-
1979	11.4	-	-	-
1980	11.9	-	-	-
1981	11.7	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	1.9	-	-	-
1978	1.8	-	-	-
1979	1.9	-	-	-
1980	2.0	-	-	-
1981	2.1	-	-	-
RETAIL TRADE — SIC 52-59				
1977	8.9	-	-	-
1978	9.3	-	-	-
1979	9.5	-	-	-
1980	9.8	-	-	-
1981	9.6	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	1.7	-	-	-
1978	1.8	-	-	-
1979	1.8	-	-	-
1980	1.6	-	-	-
1981	1.4	-	-	-
SERVICES AND MINING				
1977	8.7	-	-	-
1978	9.4	-	-	-
1979	9.5	-	-	-
1980	10.3	-	-	-
1981	10.5	-	-	-
GOVERNMENT				
1977	10.5	-	-	-
1978	9.9	-	-	-
1979	10.5	-	-	-
1980	10.9	-	-	-
1981	10.7	-	-	-
FEDERAL GOVERNMENT				
1977	.4	-	-	-
1978	.4	-	-	-
1979	.5	-	-	-
1980	.5	-	-	-
1981	.5	-	-	-
STATE GOVERNMENT				
1977	1.3	-	-	-
1978	1.3	-	-	-
1979	1.3	-	-	-
1980	1.4	-	-	-
1981	1.3	-	-	-
LOCAL GOVERNMENT				
1977	8.8	-	-	-
1978	8.2	-	-	-
1979	8.7	-	-	-
1980	9.0	-	-	-
1981	8.9	-	-	-
SAGINAW				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	86.0	-	-	-
1978	90.1	-	-	-
1979	90.5	-	-	-
1980	84.5	-	-	-
1981	84.2	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
SAGINAW (Con.)				
CONSTRUCTION				
1977	2.6	-	-	-
1978	2.9	-	-	-
1979	3.1	-	-	-
1980	2.7	-	-	-
1981	2.3	-	-	-
MANUFACTURING				
1977	34.4	388.82	45.7	8.51
1978	36.6	418.84	45.3	9.25
1979	36.2	404.66	41.3	9.80
1980	28.6	424.49	39.4	10.77
1981	29.7	497.31	40.4	12.31
DURABLE GOODS				
1977	31.8	-	-	-
1978	33.9	-	-	-
1979	33.5	-	-	-
1980	26.0	-	-	-
1981	27.0	-	-	-
PRIMARY METAL INDUSTRIES — SIC 33				
1977	11.8	442.27	48.5	9.12
1978	12.4	468.27	47.4	9.88
1979	12.0	435.97	41.6	10.48
1980	8.2	476.70	42.8	12.19
1981	8.9	547.58	40.3	13.57
FABRICATED METAL PRODUCTS — SIC 34				
1977	.4	-	-	-
1978	.7	-	-	-
1979	.8	-	-	-
1980	.5	-	-	-
1981	.5	-	-	-
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	3.4	-	-	-
1978	3.8	-	-	-
1979	4.0	-	-	-
1980	3.7	-	-	-
1981	3.8	-	-	-
TRANSPORTATION EQUIPMENT — SIC 37				
1977	14.8	401.09	45.3	8.85
1978	15.6	434.02	44.8	9.69
1979	15.5	418.97	40.7	10.29
1980	12.4	441.63	38.9	11.35
1981	12.8	523.25	39.9	13.11
MOTOR VEHICLES AND EQUIPMENT — SIC 371				
1977	14.5	-	-	-
1978	15.6	-	-	-
1979	15.5	-	-	-
1980	12.4	-	-	-
1981	12.8	-	-	-
NONDURABLE GOODS				
1977	2.6	-	-	-
1978	2.7	-	-	-
1979	2.7	-	-	-
1980	2.6	-	-	-
1981	2.6	-	-	-
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	1.5	-	-	-
1978	1.5	-	-	-
1979	1.5	-	-	-
1980	1.4	-	-	-
1981	1.4	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	4.5	-	-	-
1978	4.6	-	-	-
1979	4.5	-	-	-
1980	5.0	-	-	-
1981	4.8	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
SAGINAW (Con.)				
WHOLESALE AND RETAIL TRADE				
1977	17.5	-	-	-
1978	18.1	-	-	-
1979	17.7	-	-	-
1980	17.9	-	-	-
1981	17.9	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	2.8	-	-	-
1978	2.8	-	-	-
1979	2.6	-	-	-
1980	2.7	-	-	-
1981	2.6	-	-	-
RETAIL TRADE — SIC 52-59				
1977	14.7	-	-	-
1978	15.3	-	-	-
1979	15.1	-	-	-
1980	15.6	-	-	-
1981	15.3	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	3.6	-	-	-
1978	3.7	-	-	-
1979	4.0	-	-	-
1980	4.2	-	-	-
1981	4.0	-	-	-
SERVICES AND MINING				
1977	12.3	-	-	-
1978	13.1	-	-	-
1979	13.4	-	-	-
1980	13.8	-	-	-
1981	14.1	-	-	-
GOVERNMENT				
1977	11.1	-	-	-
1978	11.1	-	-	-
1979	11.6	-	-	-
1980	11.9	-	-	-
1981	11.3	-	-	-
FEDERAL GOVERNMENT				
1977	1.2	-	-	-
1978	1.2	-	-	-
1979	1.2	-	-	-
1980	1.3	-	-	-
1981	1.3	-	-	-
STATE GOVERNMENT				
1977	1.2	-	-	-
1978	1.2	-	-	-
1979	1.3	-	-	-
1980	1.4	-	-	-
1981	1.4	-	-	-
LOCAL GOVERNMENT				
1977	8.7	-	-	-
1978	8.7	-	-	-
1979	9.1	-	-	-
1980	9.2	-	-	-
1981	8.6	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	1,597.3	-	-	-
1978	1,688.9	-	-	-
1979	1,767.0	-	-	-
1980	1,770.2	-	-	-
1981	1,762.6	-	-	-
MINING				
1977	12.9	-	-	-
1978	16.4	-	-	-
1979	17.3	-	-	-
1980	15.6	-	-	-
1981	15.7	-	-	-
METAL MINING — SIC 10				
1977	11.2	297.60	38.4	7.75
1978	14.8	362.50	41.1	8.82
1979	15.4	399.33	40.5	9.86
1980	13.8	435.09	37.9	11.48
1981	13.9	494.06	37.6	13.14
CONSTRUCTION				
1977	68.7	-	-	-
1978	79.0	-	-	-
1979	83.2	-	-	-
1980	76.4	-	-	-
1981	67.9	-	-	-
MANUFACTURING				
1977	339.3	238.80	40.0	5.97
1978	360.4	258.89	40.2	6.44
1979	381.6	277.20	40.0	6.93
1980	370.9	299.83	39.4	7.61
1981	362.3	330.96	39.4	8.40
DURABLE GOODS				
1977	199.2	244.39	40.8	5.99
1978	216.3	265.51	41.1	6.46
1979	234.0	281.36	40.6	6.93
1980	225.6	304.80	40.0	7.62
1981	218.5	335.60	40.0	8.39
LUMBER, AND FURNITURE — SIC 24,25				
1977	14.9	233.83	39.7	5.89
1978	16.6	260.48	40.7	6.40
1979	16.9	270.28	39.4	6.86
1980	14.7	292.79	39.3	7.45
1981	14.7	338.58	39.6	8.55
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	9.2	220.92	39.1	5.65
1978	9.9	255.73	40.4	6.33
1979	10.0	277.98	40.7	6.83
1980	9.2	300.85	39.9	7.54
1981	8.7	325.88	39.5	8.25
PRIMARY METAL INDUSTRIES — SIC 33				
1977	6.3	281.88	43.3	6.51
1978	7.0	299.55	43.1	6.95
1979	7.6	315.44	42.8	7.37
1980	6.8	318.77	40.3	7.91
1981	6.3	325.01	39.3	8.27
FABRICATED METAL PRODUCTS — SIC 34				
1977	32.9	263.45	41.1	6.41
1978	35.5	283.68	40.7	6.97
1979	39.0	310.54	40.7	7.63
1980	37.6	343.58	41.0	8.38
1981	34.8	391.35	41.9	9.34
STATEWIDE (Con.)				
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	69.6	246.63	40.9	6.03
1978	77.8	264.27	41.1	6.43
1979	87.1	286.94	40.7	7.05
1980	87.6	314.00	40.0	7.85
1981	86.4	344.12	39.6	8.69
OFFICE AND COMPUTING MACHINES — SIC 357				
1977	28.6	270.38	43.4	6.23
1978	31.3	276.27	43.1	6.41
1979	34.8	284.50	41.9	6.79
1980	37.2	311.67	41.5	7.51
1981	38.7	345.65	41.1	8.41
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	25.8	230.68	40.9	5.64
1978	26.9	254.40	41.5	6.13
1979	28.1	236.16	39.1	6.04
1980	26.9	263.25	39.0	6.75
1981	26.7	285.29	39.9	7.15
TRANSPORTATION EQUIPMENT — SIC 37				
1977	11.1	238.73	39.2	6.09
1978	11.0	261.62	39.7	6.59
1979	11.0	278.92	40.6	6.87
1980	7.9	297.96	39.0	7.64
1981	6.4	327.40	38.7	8.46
INSTRUMENTS, AND MISC. MANUFACTURING — SIC 38,39				
1977	29.4	236.46	42.0	5.63
1978	31.6	250.98	41.9	5.99
1979	34.3	270.63	41.7	6.49
1980	34.9	279.97	40.4	6.93
1981	34.6	308.45	39.8	7.75
NONDURABLE GOODS				
1977	140.1	229.88	38.7	5.94
1978	144.1	248.71	38.8	6.41
1979	147.6	270.66	39.0	6.94
1980	145.3	292.60	38.5	7.60
1981	143.7	324.63	38.6	8.41
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	49.9	227.37	38.8	5.86
1978	50.2	245.46	38.9	6.31
1979	49.4	262.19	38.9	6.74
1980	48.8	282.03	38.9	7.25
1981	47.7	307.28	38.7	7.94
MEAT PRODUCTS — SIC 201				
1977	13.8	261.59	38.3	6.83
1978	13.3	277.40	38.0	7.30
1979	12.1	300.30	39.0	7.70
1980	11.0	320.80	38.1	8.42
1981	10.6	340.96	37.8	9.02
PRESERVED FRUITS AND VEGETABLES — SIC 203				
1977	8.0	-	-	-
1978	8.3	-	-	-
1979	8.0	-	-	-
1980	7.7	-	-	-
1981	7.8	-	-	-
GRAIN MILL PRODUCTS — SIC 204				
1977	8.8	248.82	42.9	5.80
1978	8.6	273.70	42.5	6.44
1979	8.5	303.30	42.9	7.07
STATEWIDE (Con.)				
GRAIN MILL PRODUCTS — SIC 204 (Con.)				
1980	8.7	317.34	41.0	7.74
1981	8.9	357.76	41.6	8.60
TEXTILES, AND APPAREL — SIC 22,23				
1977	10.1	133.58	36.2	3.69
1978	10.0	150.70	36.4	4.14
1979	9.0	162.24	35.5	4.57
1980	8.3	173.30	34.8	4.98
1981	7.6	195.58	34.8	5.62
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	31.0	291.54	43.0	6.78
1978	31.7	317.99	43.5	7.31
1979	33.4	349.89	44.8	7.81
1980	32.7	352.80	42.0	8.40
1981	32.1	388.31	42.3	9.18
PRINTING AND PUBLISHING — SIC 27				
1977	28.9	245.70	36.4	6.75
1978	31.1	267.18	36.7	7.28
1979	33.1	289.93	36.7	7.90
1980	33.4	310.60	36.2	8.58
1981	34.3	336.78	35.6	9.46
COMMERCIAL PRINTING — SIC 275				
1977	10.9	243.57	37.3	6.53
1978	11.5	271.72	35.8	7.59
1979	11.9	293.22	36.2	8.10
1980	12.2	322.50	36.4	8.86
1981	12.6	352.59	36.2	9.74
CHEMICALS, AND PETROLEUM — SIC 28,29				
1977	8.1	248.69	39.6	6.28
1978	8.4	265.05	39.5	6.71
1979	8.8	285.32	39.3	7.26
1980	9.1	310.31	38.5	8.06
1981	9.4	361.94	39.6	9.14
TRANSPORTATION AND PUBLIC UTILITIES				
1977	92.4	279.17	38.4	7.27
1978	93.9	299.15	38.6	7.75
1979	100.4	320.88	38.8	8.27
1980	99.8	344.83	38.4	8.98
1981	98.5	370.56	38.6	9.60
TRANSPORTATION — SIC 40-42,44-47				
1977	60.6	278.94	37.9	7.36
1978	61.1	296.80	38.1	7.79
1979	66.3	318.72	38.4	8.30
1980	65.3	334.40	37.7	8.87
1981	64.0	351.82	38.2	9.21
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	31.9	280.06	39.5	7.09
1978	32.8	303.36	39.5	7.68
1979	34.1	325.54	39.7	8.20
1980	34.4	366.68	39.9	9.19
1981	34.5	407.64	39.5	10.32
COMMUNICATION — SIC 48				
1977	18.4	251.29	38.9	6.46
1978	19.1	276.36	39.2	7.05
1979	20.1	296.29	39.4	7.52
1980	20.2	331.41	39.5	8.39
1981	20.0	371.11	38.9	9.54

See footnotes at end of tables.

MINNESOTA

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
ELECTRIC, GAS, AND SANITARY SERVICES — SIC 49				
1977	13.5	314.36	40.2	7.82
1978	13.7	336.36	39.9	8.43
1979	14.0	362.00	40.0	9.05
1980	14.2	408.85	40.4	10.12
1981	14.5	449.84	40.2	11.19
WHOLESALE AND RETAIL TRADE				
1977	403.5	-	-	-
1978	426.9	-	-	-
1979	443.1	-	-	-
1980	442.8	-	-	-
1981	440.1	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	107.9	-	-	-
1978	113.8	-	-	-
1979	118.7	-	-	-
1980	116.8	-	-	-
1981	116.8	-	-	-
RETAIL TRADE — SIC 52-59				
1977	295.6	-	-	-
1978	313.1	-	-	-
1979	324.5	-	-	-
1980	326.0	-	-	-
1981	323.3	-	-	-
GENERAL MERCHANDISE STORES — SIC 53				
1977	46.0	111.90	28.4	3.94
1978	47.3	121.09	27.9	4.34
1979	48.0	130.20	28.0	4.65
1980	48.4	143.87	28.1	5.12
1981	46.8	153.90	28.5	5.40
FINANCE, INSURANCE, AND REAL ESTATE				
1977	82.2	-	-	-
1978	86.3	-	-	-
1979	91.5	-	-	-
1980	94.6	-	-	-
1981	97.5	-	-	-
FINANCE, HOLDING AND OTHER INVESTMENT COMPANIES — SIC 60-62,67				
1977	37.3	-	-	-
1978	39.1	-	-	-
1979	41.6	-	-	-
1980	43.9	-	-	-
1981	45.5	-	-	-
SERVICES				
1977	312.0	-	-	-
1978	333.3	-	-	-
1979	354.4	-	-	-
1980	370.0	-	-	-
1981	381.8	-	-	-
HEALTH SERVICES — SIC 80				
1977	106.8	-	-	-
1978	111.7	-	-	-
1979	117.6	-	-	-
1980	124.8	-	-	-
1981	130.0	-	-	-
HOSPITALS — SIC 806				
1977	46.8	-	-	-
1978	47.8	-	-	-
1979	49.8	-	-	-
1980	52.2	-	-	-
1981	54.4	-	-	-
GOVERNMENT				
1977	286.3	-	-	-
1978	292.8	-	-	-
1979	295.6	-	-	-
1980	300.1	-	-	-
1981	298.9	-	-	-
STATEWIDE (Con.)				
FEDERAL GOVERNMENT				
1977	30.6	-	-	-
1978	31.4	-	-	-
1979	31.3	-	-	-
1980	32.6	-	-	-
1981	31.3	-	-	-
STATE GOVERNMENT				
1977	66.9	-	-	-
1978	68.4	-	-	-
1979	70.0	-	-	-
1980	71.6	-	-	-
1981	71.6	-	-	-
LOCAL GOVERNMENT				
1977	188.9	-	-	-
1978	193.0	-	-	-
1979	194.4	-	-	-
1980	195.9	-	-	-
1981	196.0	-	-	-
DULUTH-SUPERIOR				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	58.4	-	-	-
1978	60.6	-	-	-
1979	61.5	-	-	-
1980	60.5	-	-	-
1981	58.6	-	-	-
CONSTRUCTION				
1977	2.3	-	-	-
1978	2.4	-	-	-
1979	2.3	-	-	-
1980	2.2	-	-	-
1981	1.8	-	-	-
MANUFACTURING				
1977	7.6	216.61	39.1	5.54
1978	7.8	236.56	39.1	6.05
1979	7.9	264.27	39.8	6.64
1980	7.7	257.00	37.5	7.12
1981	7.3	331.85	39.6	8.38
DURABLE GOODS				
1977	3.6	251.72	40.6	6.20
1978	3.9	275.54	40.7	6.77
1979	3.9	306.36	41.4	7.40
1980	3.7	312.15	38.3	8.15
1981	3.6	363.53	39.6	9.18
NONDURABLE GOODS				
1977	4.0	174.56	37.3	4.68
1978	3.9	194.71	37.3	5.22
1979	4.0	213.76	37.9	5.64
1980	4.0	215.80	36.7	5.88
1981	3.7	293.04	39.6	7.40
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	2.3	154.84	39.4	3.93
1978	2.3	170.09	39.1	4.35
1979	2.3	184.14	39.6	4.65
1980	2.4	190.71	39.0	4.89
1981	2.1	274.13	42.5	6.45
TRANSPORTATION AND PUBLIC UTILITIES				
1977	6.3	-	-	-
1978	6.8	-	-	-
1979	6.8	-	-	-
1980	6.6	-	-	-
1981	6.2	-	-	-
TRANSPORTATION — SIC 40-42,44-47				
1977	4.2	-	-	-
1978	4.6	-	-	-
1979	4.7	-	-	-
1980	4.4	-	-	-
1981	4.1	-	-	-
DULUTH-SUPERIOR (Con.)				
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	2.0	-	-	-
1978	2.2	-	-	-
[illegible]	2.2	-	-	-
[illegible]	2.2	-	-	-
1981	2.1	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	16.0	-	-	-
1978	16.1	-	-	-
1979	16.6	-	-	-
1980	16.4	-	-	-
1981	15.1	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	3.0	-	-	-
1978	3.1	-	-	-
1979	3.3	-	-	-
1980	3.4	-	-	-
1981	3.0	-	-	-
RETAIL TRADE — SIC 52-59				
1977	13.0	-	-	-
1978	13.0	-	-	-
1979	13.3	-	-	-
1980	12.9	-	-	-
1981	12.1	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	2.1	-	-	-
1978	2.2	-	-	-
1979	2.2	-	-	-
1980	2.2	-	-	-
1981	2.3	-	-	-
SERVICES AND MINING				
1977	11.8	-	-	-
1978	12.7	-	-	-
1979	13.1	-	-	-
1980	13.1	-	-	-
1981	13.8	-	-	-
GOVERNMENT				
1977	12.3	-	-	-
1978	12.7	-	-	-
1979	12.6	-	-	-
1980	12.3	-	-	-
1981	12.1	-	-	-
FEDERAL GOVERNMENT				
1977	1.8	-	-	-
1978	1.5	-	-	-
1979	1.5	-	-	-
1980	1.5	-	-	-
1981	1.5	-	-	-
STATE GOVERNMENT				
1977	3.3	-	-	-
1978	3.3	-	-	-
1979	3.2	-	-	-
1980	2.9	-	-	-
1981	2.7	-	-	-
LOCAL GOVERNMENT				
1977	7.3	-	-	-
1978	7.9	-	-	-
1979	7.9	-	-	-
1980	7.9	-	-	-
1981	7.9	-	-	-
MINNEAPOLIS-ST. PAUL				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	965.7	-	-	-
1978	1,022.9	-	-	-
1979	1,076.8	-	-	-
1980	1,062.1	-	-	-
1981	1,090.6	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
MINNEAPOLIS-ST. PAUL (Con.)				
CONSTRUCTION				
1977	36.4	-	-	-
1978	42.6	-	-	-
1979	46.8	-	-	-
1980	45.5	-	-	-
1981	39.3	-	-	-
MANUFACTURING				
1977	220.6	257.75	40.4	6.38
1978	233.2	278.80	40.7	6.85
1979	248.8	297.34	40.4	7.36
1980	246.2	317.19	39.5	8.03
1981	242.3	348.69	39.4	8.85
DURABLE GOODS				
1977	139.7	262.06	41.4	6.33
1978	149.2	281.79	41.5	6.79
1979	161.7	299.39	40.9	7.32
1980	160.0	322.80	40.3	8.01
1981	156.2	353.83	40.3	8.78
LUMBER, AND FURNITURE — SIC 24,25				
1977	6.4	246.54	39.7	6.21
1978	7.2	272.65	41.0	6.65
1979	7.2	286.44	39.4	7.27
1980	6.4	311.95	38.8	8.04
1981	6.1	352.42	38.6	9.13
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	3.1	237.74	38.1	6.24
1978	3.3	276.11	39.9	6.92
1979	3.4	280.74	38.3	7.33
1980	3.2	304.04	38.1	7.98
1981	3.0	343.78	39.2	8.77
PRIMARY METAL INDUSTRIES — SIC 33				
1977	4.9	274.48	44.2	6.21
1978	5.4	293.25	43.9	6.68
1979	5.7	324.20	43.4	7.47
1980	5.1	325.99	40.8	7.99
1981	4.5	325.19	39.9	8.15
FABRICATED METAL PRODUCTS — SIC 34				
1977	26.4	282.05	41.6	6.78
1978	28.2	304.47	41.2	7.39
1979	30.5	336.18	41.3	8.14
1980	29.3	367.08	42.0	8.74
1981	27.6	411.94	42.6	9.67
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	51.3	251.72	40.6	6.20
1978	56.0	270.10	40.8	6.62
1979	62.6	293.94	40.6	7.24
1980	64.5	322.40	40.0	8.06
1981	63.9	349.77	39.3	8.90
OFFICE AND COMPUTING MACHINES — SIC 357				
1977	22.0	261.62	43.1	6.07
1978	23.6	274.34	43.0	6.38
1979	26.5	277.54	41.3	6.72
1980	29.0	304.88	41.2	7.40
1981	30.0	337.37	40.5	8.33
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	18.7	262.28	42.1	6.23
1978	18.5	285.90	42.8	6.68
1979	19.2	253.49	39.3	6.45
1980	18.7	285.04	39.1	7.29
1981	18.4	319.76	41.1	7.78
TRANSPORTATION EQUIPMENT — SIC 37				
1977	4.9	293.45	41.1	7.14
1978	4.6	304.36	40.1	7.59
1979	4.9	349.25	40.8	8.56
1980	3.7	397.20	39.8	9.98
1981	3.3	434.34	39.2	11.08
MINNEAPOLIS-ST. PAUL (Con.)				
INSTRUMENTS, AND MISC. MANUFACTURING — SIC 38,39				
1977	24.0	247.03	42.3	5.84
1978	26.0	262.03	42.4	6.18
1979	28.3	281.96	42.4	6.65
1980	29.1	296.79	40.6	7.31
1981	29.5	321.20	39.9	8.05
NONDURABLE GOODS				
1977	81.0	250.51	38.6	6.49
1978	84.0	270.82	38.8	6.98
1979	87.1	292.79	39.3	7.45
1980	86.3	308.27	38.2	8.07
1981	86.1	341.62	38.0	8.99
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	19.8	261.05	40.1	6.51
1978	19.4	284.42	40.4	7.04
1979	18.7	286.80	40.0	7.17
1980	18.5	293.33	37.8	7.76
1981	18.5	320.66	37.2	8.62
MEAT PRODUCTS — SIC 201				
1977	2.8	-	-	-
1978	2.4	-	-	-
1979	1.4	-	-	-
1980	.7	-	-	-
1981	.7	-	-	-
PRESERVED FRUITS AND VEGETABLES — SIC 203				
1977	1.4	-	-	-
1978	1.4	-	-	-
1979	1.4	-	-	-
1980	1.3	-	-	-
1981	1.4	-	-	-
GRAIN MILL PRODUCTS — SIC 204				
1977	6.7	259.91	42.4	6.13
1978	6.6	284.85	42.2	6.75
1979	6.5	302.63	41.4	7.31
1980	6.7	335.78	41.2	8.15
1981	7.1	363.94	40.8	8.92
TEXTILES, AND APPAREL — SIC 22,23				
1977	4.3	143.28	36.0	3.98
1978	4.3	156.91	35.5	4.42
1979	4.1	167.60	34.7	4.83
1980	3.9	185.15	35.0	5.29
1981	3.3	200.31	34.3	5.84
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	23.1	294.83	42.3	6.97
1978	24.0	323.14	42.8	7.55
1979	25.2	365.82	45.9	7.97
1980	24.6	339.90	41.3	8.23
1981	24.2	373.57	41.6	8.98
PRINTING AND PUBLISHING — SIC 27				
1977	19.8	262.28	35.3	7.43
1978	21.3	279.96	35.8	7.82
1979	22.8	308.55	36.3	8.50
1980	23.2	326.25	35.5	9.19
1981	23.7	351.40	35.0	10.04
COMMERCIAL PRINTING — SIC 275				
1977	7.5	-	-	-
1978	8.2	-	-	-
1979	8.4	-	-	-
1980	8.7	-	-	-
1981	8.8	-	-	-
CHEMICALS, AND PETROLEUM — SIC 28,29				
1977	6.8	258.46	39.4	6.56
1978	7.1	276.36	39.2	7.05
1979	7.3	296.01	39.0	7.59
1980	7.5	324.11	37.6	8.62
1981	7.8	382.00	39.3	9.72
MINNEAPOLIS-ST. PAUL (Con.)				
RUBBER, PLASTICS PRODUCTS, AND LEATHER — SIC 30,31				
1977	7.2	209.88	39.6	5.30
1978	8.0	228.31	39.5	5.78
1979	9.0	246.36	39.8	6.19
1980	8.5	263.82	39.2	6.73
1981	8.6	305.25	38.3	7.97
TRANSPORTATION AND PUBLIC UTILITIES				
1977	59.7	-	-	-
1978	59.5	-	-	-
1979	64.5	-	-	-
1980	63.8	-	-	-
1981	62.7	-	-	-
TRANSPORTATION — SIC 40-42,44-47				
1977	40.7	-	-	-
1978	40.1	-	-	-
1979	44.2	-	-	-
1980	43.1	-	-	-
1981	41.8	-	-	-
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	19.[illegible]	-	-	-
1978	19.[illegible]	-	-	-
1979	20.3	-	-	-
1980	20.6	-	-	-
1981	20.9	-	-	-
COMMUNICATION — SIC 48				
1977	11.3	254.53	38.8	6.56
1978	11.7	279.96	39.1	7.16
1979	12.5	298.31	39.2	7.61
1980	12.7	334.96	39.5	8.48
1981	12.7	371.32	38.8	9.57
ELECTRIC, GAS, AND SANITARY SERVICES — SIC 49				
1977	7.8	313.98	40.1	7.83
1978	7.8	337.45	39.7	8.50
1979	7.8	361.89	39.9	9.07
1980	8.1	401.98	39.8	10.10
1981	8.2	435.37	39.4	11.05
WHOLESALE AND RETAIL TRADE				
1977	241.3	-	-	-
1978	257.0	-	-	-
1979	266.2	-	-	-
1980	269.4	-	-	-
1981	270.0	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	69.4	-	-	-
1978	73.3	-	-	-
1979	76.1	-	-	-
1980	75.2	-	-	-
1981	75.1	-	-	-
RETAIL TRADE — SIC 52-59				
1977	172.0	-	-	-
1978	183.6	-	-	-
1979	190.2	-	-	-
1980	194.2	-	-	-
1981	194.9	-	-	-
GENERAL MERCHANDISE STORES — SIC 53				
1977	32.3	112.92	28.3	3.99
1978	33.8	122.76	27.9	4.40
1979	33.7	131.60	28.0	4.70
1980	34.3	145.84	28.1	5.19
1981	33.2	157.87	28.6	5.52
FINANCE, INSURANCE, AND REAL ESTATE				
1977	61.4	-	-	-
1978	64.2	-	-	-
1979	67.4	-	-	-
1980	69.9	-	-	-
1981	72.5	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
MINNEAPOLIS-ST. PAUL (Con.)				
FINANCE, HOLDING AND OTHER INVESTMENT COMPANIES — SIC 60-62,67				
1977	24.7	-	-	-
1978	25.7	-	-	-
1979	27.0	-	-	-
1980	28.9	-	-	-
1981	30.4	-	-	-
INSURANCE CARRIERS, AGENTS AND BROKERS — SIC 63,64				
1977	25.2	-	-	-
1978	26.4	-	-	-
1979	27.8	-	-	-
1980	28.5	-	-	-
1981	29.2	-	-	-
SERVICES AND MINING				
1977	198.2	-	-	-
1978	212.9	-	-	-
1979	227.7	-	-	-
1980	239.8	-	-	-
1981	246.1	-	-	-
HEALTH SERVICES — SIC 80				
1977	58.5	-	-	-
1978	61.4	-	-	-
1979	64.7	-	-	-
1980	69.3	-	-	-
1981	72.0	-	-	-
HOSPITALS — SIC 806				
1977	27.1	-	-	-
1978	27.8	-	-	-
1979	29.1	-	-	-
1980	30.8	-	-	-
1981	31.8	-	-	-
GOVERNMENT				
1977	147.9	-	-	-
1978	153.6	-	-	-
1979	155.4	-	-	-
1980	157.5	-	-	-
1981	157.7	-	-	-
FEDERAL GOVERNMENT				
1977	17.7	-	-	-
1978	18.1	-	-	-
1979	18.1	-	-	-
1980	18.8	-	-	-
1981	18.4	-	-	-
STATE GOVERNMENT				
1977	41.4	-	-	-
1978	43.2	-	-	-
1979	44.7	-	-	-
1980	45.9	-	-	-
1981	46.2	-	-	-
LOCAL GOVERNMENT				
1977	88.8	-	-	-
1978	92.4	-	-	-
1979	92.6	-	-	-
1980	92.7	-	-	-
1981	93.1	-	-	-
ROCHESTER				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	45.1	-	-	-
1978	47.8	-	-	-
1979	49.7	-	-	-
1980	50.4	-	-	-
1981	51.2	-	-	-
CONSTRUCTION AND MINING				
1977	1.8	-	-	-
1978	2.3	-	-	-
1979	2.2	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
ROCHESTER (Con.)				
CONSTRUCTION AND MINING (Con.)				
1980	2.0	-	-	-
1981	1.7	-	-	-
MANUFACTURING				
1977	8.8	-	-	-
1978	9.6	-	-	-
1979	10.3	-	-	-
1980	10.2	-	-	-
1981	10.4	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	1.8	-	-	-
1978	1.9	-	-	-
1979	2.0	-	-	-
1980	2.0	-	-	-
1981	2.0	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	9.1	-	-	-
1978	9.5	-	-	-
1979	9.9	-	-	-
1980	9.9	-	-	-
1981	10.1	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	1.1	-	-	-
1978	1.1	-	-	-
1979	1.2	-	-	-
1980	1.3	-	-	-
1981	1.3	-	-	-
RETAIL TRADE — SIC 52-59				
1977	8.1	-	-	-
1978	8.4	-	-	-
1979	8.6	-	-	-
1980	8.6	-	-	-
1981	8.8	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	1.2	-	-	-
1978	1.4	-	-	-
1979	1.4	-	-	-
1980	1.4	-	-	-
1981	1.5	-	-	-
SERVICES				
1977	16.3	-	-	-
1978	17.4	-	-	-
1979	18.0	-	-	-
1980	18.9	-	-	-
1981	19.8	-	-	-
HEALTH SERVICES — SIC 80				
1977	10.9	-	-	-
1978	11.9	-	-	-
1979	12.3	-	-	-
1980	12.9	-	-	-
1981	13.7	-	-	-
GOVERNMENT				
1977	6.1	-	-	-
1978	5.8	-	-	-
1979	6.0	-	-	-
1980	5.9	-	-	-
1981	5.8	-	-	-
FEDERAL GOVERNMENT				
1977	.4	-	-	-
1978	.3	-	-	-
1979	.3	-	-	-
1980	.3	-	-	-
1981	.3	-	-	-
STATE GOVERNMENT				
1977	1.5	-	-	-
1978	1.5	-	-	-
1979	1.7	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
ROCHESTER (Con.)				
STATE GOVERNMENT (Con.)				
1980	1.6	-	-	-
1981	1.3	-	-	-
LOCAL GOVERNMENT				
1977	4.2	-	-	-
1978	3.9	-	-	-
1979	4.0	-	-	-
1980	4.0	-	-	-
1981	4.2	-	-	-
ST. CLOUD				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	47.9	-	-	-
1978	51.1	-	-	-
1979	54.4	-	-	-
1980	54.9	-	-	-
1981	54.9	-	-	-
CONSTRUCTION				
1977	2.5	-	-	-
1978	2.8	293.23	35.5	8.26
1979	3.0	310.95	33.4	9.31
1980	2.9	430.54	37.9	11.36
1981	3.1	491.88	39.1	12.58
MANUFACTURING				
1977	10.2	-	-	-
1978	11.1	-	-	-
1979	12.6	209.41	37.8	5.54
1980	12.2	215.12	34.2	6.29
1981	11.9	248.12	35.7	6.95
DURABLE GOODS				
1977	4.9	-	-	-
1978	5.7	-	-	-
1979	7.0	233.01	38.9	5.99
1980	6.6	250.64	38.5	6.51
1981	6.3	286.87	38.3	7.49
MACHINERY — SIC 35,36				
1977	1.4	-	-	-
1978	2.0	230.49	39.4	5.85
1979	2.7	245.30	39.5	6.21
1980	2.5	265.87	38.7	6.87
1981	2.3	292.61	38.4	7.62
INSTRUMENTS AND RELATED PRODUCTS — SIC 38				
1977	1.0	-	-	-
1978	1.0	167.11	39.6	4.22
1979	1.3	174.64	37.8	4.62
1980	1.3	187.18	38.2	4.90
1981	1.2	212.75	35.4	6.01
NONDURABLE GOODS				
1977	5.4	-	-	-
1978	5.4	-	-	-
1979	5.6	181.41	36.5	4.97
1980	5.5	175.22	29.4	5.96
1981	5.6	208.20	33.1	6.29
PAPER, AND PRINTING AND PUBLISHING — SIC 26,27				
1977	1.2	-	-	-
1978	1.4	295.71	41.3	7.16
1979	1.4	313.22	39.9	7.85
1980	1.5	349.00	40.3	8.66
1981	1.5	405.45	45.0	9.01
TRANSPORTATION AND PUBLIC UTILITIES				
1977	3.1	-	-	-
1978	3.3	274.81	37.8	7.27
1979	3.5	298.72	38.2	7.82
1980	3.5	364.32	41.4	8.80
1981	3.4	407.09	43.4	9.38

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
ST. CLOUD (Con.)				
WHOLESALE AND RETAIL TRADE				
1977	12.1	–	–	–
1978	12.6	108.19	28.1	3.85
1979	13.3	121.98	28.5	4.28
1980	13.4	136.59	29.0	4.71
1981	13.5	150.28	28.9	5.20
WHOLESALE TRADE — SIC 50,51				
1977	2.1	–	–	–
1978	2.1	167.80	36.4	4.61
1979	2.4	199.39	37.2	5.36
1980	2.4	216.22	37.8	5.72
1981	2.4	240.66	38.2	6.30
RETAIL TRADE — SIC 52-59				
1977	10.0	–	–	–
1978	10.5	96.73	26.5	3.65
1979	11.0	106.66	26.8	3.98
1980	11.0	119.78	27.1	4.42
1981	11.1	131.49	27.0	4.87
GENERAL MERCHANDISE STORES — SIC 53				
1977	1.6	–	–	–
1978	1.7	92.52	25.7	3.60
1979	1.7	101.26	25.7	3.94
1980	1.6	111.07	25.3	4.39
1981	1.6	123.23	26.5	4.65
FINANCE, INSURANCE, AND REAL ESTATE				
1977	1.6	–	–	–
1978	1.7	–	–	–
1979	1.8	–	–	–
1980	1.9	–	–	–
1981	2.0	–	–	–
SERVICES AND MINING				
1977	8.0	–	–	–
1978	8.8	–	–	–
1979	9.5	–	–	–
1980	9.8	–	–	–
1981	10.1	–	–	–
HEALTH SERVICES — SIC 80				
1977	3.3	–	–	–
1978	3.4	–	–	–
1979	3.7	–	–	–
1980	3.9	–	–	–
1981	4.1	–	–	–
GOVERNMENT				
1977	10.4	–	–	–
1978	10.9	–	–	–
1979	10.8	–	–	–
1980	11.2	–	–	–
1981	11.0	–	–	–
FEDERAL GOVERNMENT				
1977	1.9	–	–	–
1978	1.7	–	–	–
1979	1.6	–	–	–
1980	1.7	–	–	–
1981	1.7	–	–	–
STATE GOVERNMENT				
1977	2.7	–	–	–
1978	2.9	–	–	–
1979	2.9	–	–	–
1980	3.1	–	–	–
1981	3.0	–	–	–
LOCAL GOVERNMENT				
1977	5.8	–	–	–
1978	6.3	–	–	–
1979	6.3	–	–	–
1980	6.4	–	–	–
1981	6.3	–	–	–

See footnotes at end of tables.

MISSISSIPPI

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	765.9	-	-	-
1978	813.7	-	-	-
1979	838.1	-	-	-
1980	829.3	-	-	-
1981	820.8	-	-	-
MINING				
1977	7.6	-	-	-
1978	8.6	-	-	-
1979	9.3	-	-	-
1980	10.8	-	-	-
1981	12.6	-	-	-
OIL AND GAS EXTRACTION — SIC 13				
1977	6.4	-	-	-
1978	7.3	-	-	-
1979	8.1	-	-	-
1980	9.7	-	-	-
1981	11.5	-	-	-
CONSTRUCTION				
1977	41.0	-	-	-
1978	44.9	-	-	-
1979	46.7	-	-	-
1980	43.5	-	-	-
1981	41.9	-	-	-
MANUFACTURING				
1977	230.1	166.42	40.1	4.15
1978	235.3	181.94	39.9	4.56
1979	235.2	196.02	39.6	4.95
1980	221.8	213.79	39.3	5.44
1981	221.3	236.19	39.3	6.01
DURABLE GOODS				
1977	133.0	180.37	40.9	4.41
1978	136.5	198.03	41.0	4.83
1979	135.3	210.48	40.4	5.21
1980	121.9	233.16	40.2	5.80
1981	122.4	257.84	40.1	6.43
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	24.2	163.67	43.3	3.78
1978	25.1	177.59	43.0	4.13
1979	25.4	192.15	42.7	4.50
1980	23.1	205.01	41.5	4.94
1981	22.8	222.22	41.0	5.42
LOGGING CAMPS, SAWMILLS AND PLANING MILLS — SIC 241,2				
1977	12.6	-	-	-
1978	13.2	-	-	-
1979	13.4	-	-	-
1980	12.4	-	-	-
1981	12.0	-	-	-
MILLWORK, PLYWOOD AND STRUCTURAL MEMBERS — SIC 243				
1977	3.7	-	-	-
1978	3.9	-	-	-
1979	4.0	-	-	-
1980	3.9	-	-	-
1981	3.6	-	-	-
WOOD CONTAINERS — SIC 244				
1977	1.7	-	-	-
1978	1.8	-	-	-
STATEWIDE (Con.)				
WOOD CONTAINERS — SIC 244 (Con.)				
1979	1.7	-	-	-
1980	1.3	-	-	-
1981	1.4	-	-	-
FURNITURE AND FIXTURES — SIC 25				
1977	17.5	148.22	38.7	3.83
1978	18.0	162.74	39.5	4.12
1979	18.0	172.22	38.7	4.45
1980	17.1	181.67	37.0	4.91
1981	17.0	196.92	36.4	5.41
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	7.8	184.89	43.3	4.27
1978	8.3	200.87	42.2	4.76
1979	7.9	210.53	40.8	5.16
1980	7.1	237.38	41.5	5.72
1981	6.7	254.40	41.5	6.13
PRIMARY AND FABRICATED METALS — SIC 33,34				
1977	12.7	198.85	41.0	4.85
1978	14.1	216.62	41.9	5.17
1979	14.5	231.42	42.0	5.51
1980	13.6	253.98	41.5	6.12
1981	14.1	278.30	41.6	6.69
FABRICATED METAL PRODUCTS — SIC 34				
1977	10.0	-	-	-
1978	11.2	-	-	-
1979	11.2	-	-	-
1980	10.2	-	-	-
1981	10.6	-	-	-
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	11.8	180.84	41.1	4.40
1978	13.4	200.72	41.3	4.86
1979	14.8	214.61	40.8	5.26
1980	13.9	233.96	40.2	5.82
1981	13.7	266.42	40.8	6.53
FARM AND GARDEN MACHINERY — SIC 352				
1977	3.0	-	-	-
1978	3.2	-	-	-
1979	3.6	-	-	-
1980	2.8	-	-	-
1981	2.2	-	-	-
CONSTRUCTION AND RELATED MACHINERY — SIC 353				
1977	2.7	-	-	-
1978	3.2	-	-	-
1979	3.4	-	-	-
1980	3.5	-	-	-
1981	3.6	-	-	-
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	20.4	184.50	41.0	4.50
1978	22.4	206.23	41.0	5.03
1979	22.8	217.56	39.7	5.48
1980	21.2	244.73	39.6	6.18
1981	21.3	266.74	39.4	6.77
TRANSPORTATION EQUIPMENT — SIC 37				
1977	32.1	209.21	39.4	5.31
1978	28.7	238.37	39.4	6.05
1979	25.5	253.60	38.6	6.57
1980	20.3	304.22	41.0	7.42
1981	21.3	343.13	40.8	8.41
STATEWIDE (Con.)				
INSTRUMENTS AND RELATED PRODUCTS — SIC 38				
1977	2.1	-	-	-
1978	2.0	-	-	-
1979	2.0	-	-	-
1980	2.0	-	-	-
1981	1.8	-	-	-
MISC. MANUFACTURING INDUSTRIES — SIC 39				
1977	4.5	-	-	-
1978	4.5	-	-	-
1979	4.4	-	-	-
1980	3.6	-	-	-
1981	3.6	-	-	-
NONDURABLE GOODS				
1977	97.1	147.81	39.0	3.79
1978	98.7	159.33	38.3	4.16
1979	99.9	175.56	38.5	4.56
1980	99.8	188.98	38.1	4.96
1981	98.9	208.74	38.3	5.45
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	20.1	145.67	42.1	3.46
1978	20.6	152.33	40.3	3.78
1979	21.9	163.21	40.2	4.06
1980	22.7	176.01	39.2	4.49
1981	22.5	195.32	39.7	4.92
MEAT PRODUCTS — SIC 201				
1977	10.0	-	-	-
1978	9.9	-	-	-
1979	10.3	-	-	-
1980	10.7	-	-	-
1981	10.4	-	-	-
POULTRY DRESSING, AND POULTRY AND EGG PROCESSING — SIC 2016,7				
1977	6.7	-	-	-
1978	6.9	-	-	-
1979	7.2	-	-	-
1980	7.3	-	-	-
1981	7.0	-	-	-
BAKERY PRODUCTS — SIC 205				
1977	1.3	-	-	-
1978	1.2	-	-	-
1979	1.2	-	-	-
1980	1.2	-	-	-
1981	1.2	-	-	-
BEVERAGES — SIC 208				
1977	2.3	-	-	-
1978	2.4	-	-	-
1979	2.4	-	-	-
1980	2.4	-	-	-
1981	2.4	-	-	-
TEXTILE MILL PRODUCTS — SIC 22				
1977	6.3	146.61	40.5	3.62
1978	6.4	155.14	40.4	3.84
1979	6.4	173.38	40.7	4.26
1980	6.5	186.65	40.4	4.62
1981	6.4	197.00	39.4	5.00
KNITTING MILLS — SIC 225				
1977	3.4	-	-	-
1978	3.6	-	-	-
1979	3.5	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
KNITTING MILLS — SIC 225 (Con.)				
1980	3.6	-	-	-
1981	3.5	-	-	-
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	41.8	109.74	36.1	3.04
1978	41.5	118.57	35.5	3.34
1979	40.6	130.68	36.0	3.63
1980	40.9	141.09	35.9	3.93
1981	40.0	151.86	35.9	4.23
MEN'S AND BOYS' SUITS, COATS, AND FURNISHINGS — SIC 231,2				
1977	28.0	-	-	-
1978	26.5	-	-	-
1979	25.2	-	-	-
1980	26.0	-	-	-
1981	24.9	-	-	-
WOMEN'S, MISSES', AND CHILDREN'S OUTERWEAR AND UNDERGARMENTS — SIC 233,4,6				
1977	9.8	-	-	-
1978	10.2	-	-	-
1979	10.4	-	-	-
1980	10.6	-	-	-
1981	10.7	-	-	-
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	7.0	252.84	42.0	6.02
1978	7.4	273.31	41.6	6.57
1979	7.4	301.17	41.2	7.31
1980	7.2	340.71	41.0	8.31
1981	7.2	404.17	43.6	9.27
PRINTING AND PUBLISHING — SIC 27				
1977	4.3	162.93	38.7	4.21
1978	5.0	173.66	38.0	4.57
1979	5.6	182.78	37.0	4.94
1980	5.8	200.51	37.2	5.39
1981	5.8	221.12	37.1	5.96
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	6.8	219.14	41.9	5.23
1978	7.1	239.71	41.4	5.79
1979	7.2	260.53	40.9	6.37
1980	7.1	283.41	40.2	7.05
1981	7.1	317.09	40.6	7.81
INDUSTRIAL AND AGRICULTURAL CHEMICALS — SIC 281,6,7				
1977	2.4	-	-	-
1978	2.5	-	-	-
1979	2.9	-	-	-
1980	3.0	-	-	-
1981	3.1	-	-	-
PETROLEUM AND COAL PRODUCTS — SIC 29				
1977	1.5	-	-	-
1978	1.6	-	-	-
1979	1.8	-	-	-
1980	1.8	-	-	-
1981	1.8	-	-	-
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS — SIC 30				
1977	7.1	-	-	-
1978	7.1	-	-	-
1979	7.0	-	-	-
1980	6.0	-	-	-
1981	6.3	-	-	-
MISCELLANEOUS PLASTICS PRODUCTS — SIC 307				
1977	3.9	-	-	-
1978	4.0	-	-	-
1979	4.0	-	-	-
1980	3.7	-	-	-
1981	3.9	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
LEATHER AND LEATHER PRODUCTS — SIC 31				
1977	2.2	-	-	-
1978	2.1	-	-	-
1979	2.2	-	-	-
1980	2.0	-	-	-
1981	1.8	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	36.1	-	-	-
1978	38.5	-	-	-
1979	41.1	-	-	-
1980	40.8	-	-	-
1981	40.5	-	-	-
TRANSPORTATION — SIC 40–42,44–47				
1977	18.3	-	-	-
1978	19.9	-	-	-
1979	21.5	-	-	-
1980	20.9	-	-	-
1981	20.3	-	-	-
COMMUNICATION — SIC 48				
1977	10.4	-	-	-
1978	10.9	-	-	-
1979	11.4	-	-	-
1980	11.5	-	-	-
1981	11.2	-	-	-
ELECTRIC, GAS, AND SANITARY SERVICES — SIC 49				
1977	7.4	-	-	-
1978	7.7	-	-	-
1979	8.1	-	-	-
1980	8.5	-	-	-
1981	8.9	-	-	-
ELECTRIC SERVICES — SIC 491				
1977	-	241.28	41.6	5.80
1978	-	258.32	41.2	6.27
1979	-	285.44	42.1	6.78
1980	5.5	296.95	41.3	7.19
1981	5.8	334.36	41.9	7.98
WHOLESALE AND RETAIL TRADE				
1977	149.7	-	-	-
1978	159.4	-	-	-
1979	163.0	-	-	-
1980	164.0	-	-	-
1981	163.4	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	38.1	-	-	-
1978	39.4	-	-	-
1979	39.5	-	-	-
1980	39.9	-	-	-
1981	40.6	-	-	-
RETAIL TRADE — SIC 52-59				
1977	111.6	-	-	-
1978	120.0	-	-	-
1979	123.5	-	-	-
1980	124.1	-	-	-
1981	122.8	-	-	-
GENERAL MERCHANDISE STORES — SIC 53				
1977	17.3	-	-	-
1978	18.6	-	-	-
1979	18.6	-	-	-
1980	18.8	-	-	-
1981	18.8	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	29.7	-	-	-
1978	31.4	-	-	-
1979	32.6	-	-	-
1980	32.8	-	-	-
1981	33.0	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
BANKING — SIC 60				
1977	11.0	122.71	-	-
1978	11.5	132.83	-	-
1979	12.1	145.36	-	-
1980	12.4	159.59	-	-
1981	12.8	177.60	-	-
BANKING, AND CREDIT AGENCIES — SIC 60,61				
1977	15.7	-	-	-
1978	16.5	-	-	-
1979	17.3	-	-	-
1980	17.4	-	-	-
1981	17.6	-	-	-
CREDIT AGENCIES OTHER THAN BANKS — SIC 61				
1977	4.7	-	-	-
1978	5.0	-	-	-
1979	5.2	-	-	-
1980	5.1	-	-	-
1981	4.8	-	-	-
INSURANCE CARRIERS — SIC 63				
1977	6.5	-	-	-
1978	6.7	-	-	-
1979	6.7	-	-	-
1980	6.7	-	-	-
1981	6.7	-	-	-
INSURANCE CARRIERS, AGENTS AND BROKERS — SIC 63,64				
1977	9.5	-	-	-
1978	10.1	-	-	-
1979	10.4	-	-	-
1980	10.5	-	-	-
1981	10.4	-	-	-
INSURANCE AGENTS, BROKERS AND SERVICE — SIC 64				
1977	3.0	-	-	-
1978	3.5	-	-	-
1979	3.7	-	-	-
1980	3.8	-	-	-
1981	3.7	-	-	-
SERVICES				
1977	107.9	-	-	-
1978	113.9	-	-	-
1979	118.1	-	-	-
1980	121.1	-	-	-
1981	120.8	-	-	-
HOTELS AND OTHER LODGING PLACES — SIC 70				
1977	8.0	-	-	-
1978	8.4	-	-	-
1979	8.0	-	-	-
1980	8.1	-	-	-
1981	7.8	-	-	-
PERSONAL SERVICES — SIC 72				
1977	7.7	-	-	-
1978	7.8	-	-	-
1979	7.9	-	-	-
1980	7.8	-	-	-
1981	7.4	-	-	-
HEALTH SERVICES — SIC 80				
1977	26.6	-	-	-
1978	29.4	-	-	-
1979	31.6	-	-	-
1980	33.6	-	-	-
1981	35.6	-	-	-
HOSPITALS — SIC 806				
1977	11.0	-	-	-
1978	11.5	-	-	-
1979	12.0	-	-	-
1980	12.6	-	-	-
1981	13.4	-	-	-

See footnotes at end of tables.

MISSISSIPPI

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
GOVERNMENT				
1977	163.9	-	-	-
1978	181.8	-	-	-
1979	192.2	-	-	-
1980	194.5	-	-	-
1981	187.4	-	-	-
FEDERAL GOVERNMENT				
1977	26.2	-	-	-
1978	27.9	-	-	-
1979	28.9	-	-	-
1980	30.4	-	-	-
1981	29.8	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	137.7	-	-	-
1978	153.9	-	-	-
1979	163.3	-	-	-
1980	164.0	-	-	-
1981	157.6	-	-	-
STATE GOVERNMENT				
1977	42.4	-	-	-
1978	46.0	-	-	-
1979	47.6	-	-	-
1980	48.2	-	-	-
1981	47.7	-	-	-
STATE EDUCATION — SIC 82,941				
1977	17.6	-	-	-
1978	18.6	-	-	-
1979	19.2	-	-	-
1980	19.4	-	-	-
1981	19.4	-	-	-
LOCAL GOVERNMENT				
1977	95.3	-	-	-
1978	107.9	-	-	-
1979	115.7	-	-	-
1980	115.9	-	-	-
1981	109.8	-	-	-
LOCAL EDUCATION — SIC 82,941				
1977	52.7	-	-	-
1978	57.5	-	-	-
1979	61.1	-	-	-
1980	63.4	-	-	-
1981	61.8	-	-	-
JACKSON				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	128.7	-	-	-
1978	139.6	-	-	-
1979	146.4	-	-	-
1980	147.2	-	-	-
1981	147.5	-	-	-
MINING				
1977	1.0	-	-	-
1978	1.1	-	-	-
1979	1.2	-	-	-
1980	1.4	-	-	-
1981	2.0	-	-	-
CONSTRUCTION				
1977	7.0	-	-	-
1978	7.8	-	-	-
1979	8.2	-	-	-
1980	7.6	-	-	-
1981	6.4	-	-	-
MANUFACTURING				
1977	18.4	184.09	41.0	4.49
1978	18.9	203.61	41.3	4.93
1979	19.1	223.02	41.3	5.40
1980	19.0	239.76	40.5	5.92
1981	18.8	260.09	40.2	6.47
JACKSON (Con.)				
DURABLE GOODS				
1977	11.5	202.21	41.1	4.92
1978	11.8	224.52	41.5	5.41
1979	12.0	245.02	41.6	5.89
1980	11.7	266.83	40.8	6.54
1981	11.4	294.44	40.5	7.27
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	-	147.49	41.9	3.52
1978	-	155.21	39.9	3.89
1979	-	164.64	39.2	4.20
1980	-	183.54	39.9	4.60
1981	-	204.06	39.7	5.14
LUMBER, AND FURNITURE — SIC 24,25				
1977	2.1	-	-	-
1978	2.1	-	-	-
1979	2.1	-	-	-
1980	2.1	-	-	-
1981	1.8	-	-	-
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	2.1	-	-	-
1978	2.3	-	-	-
1979	2.3	-	-	-
1980	2.0	-	-	-
1981	1.9	-	-	-
PRIMARY AND FABRICATED METALS — SIC 33,34				
1977	1.0	-	-	-
1978	1.1	-	-	-
1979	1.2	-	-	-
1980	1.3	-	-	-
1981	1.3	-	-	-
PRIMARY METALS, FABRICATED METALS, AND MACHINERY — SIC 33-36				
1977	-	224.13	41.2	5.44
1978	-	251.30	41.4	6.07
1979	-	274.70	41.0	6.70
1980	-	302.50	41.1	7.36
1981	-	333.73	41.1	8.12
MACHINERY — SIC 35,36				
1977	4.7	-	-	-
1978	4.5	-	-	-
1979	4.6	-	-	-
1980	4.7	-	-	-
1981	4.8	-	-	-
TRANSPORTATION EQUIPMENT, INSTRUMENTS, AND MISC. MANUFACTURING — SIC 37-39				
1977	1.6	-	-	-
1978	1.8	-	-	-
1979	1.7	-	-	-
1980	1.7	-	-	-
1981	1.6	-	-	-
NONDURABLE GOODS				
1977	6.9	146.16	40.6	3.60
1978	7.1	162.37	40.9	3.97
1979	7.1	177.83	40.6	4.38
1980	7.3	188.40	40.0	4.71
1981	7.5	203.09	39.9	5.09
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	3.4	-	-	-
1978	3.4	-	-	-
1979	3.4	-	-	-
1980	3.5	-	-	-
1981	3.5	-	-	-
TEXTILES, AND APPAREL — SIC 22,23				
1977	1.2	-	-	-
1978	1.1	-	-	-
1979	1.0	-	-	-
1980	1.1	-	-	-
1981	1.1	-	-	-
JACKSON (Con.)				
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	0.6	-	-	-
1978	.7	-	-	-
1979	.7	-	-	-
1980	.7	-	-	-
1981	.7	-	-	-
PRINTING AND PUBLISHING — SIC 27				
1977	.9	-	-	-
1978	1.0	-	-	-
1979	1.1	-	-	-
1980	1.1	-	-	-
1981	1.1	-	-	-
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	.4	144.08	39.8	3.62
1978	.5	145.53	37.8	3.85
1979	.4	165.07	38.3	4.31
1980	.4	167.69	37.1	4.52
1981	.5	203.92	40.3	5.06
TRANSPORTATION AND PUBLIC UTILITIES				
1977	8.1	-	-	-
1978	8.9	-	-	-
1979	9.7	-	-	-
1980	9.9	-	-	-
1981	10.0	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	30.7	-	-	-
1978	34.6	-	-	-
1979	35.3	-	-	-
1980	35.0	-	-	-
1981	34.9	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	10.2	-	-	-
1978	11.0	-	-	-
1979	11.1	-	-	-
1980	11.2	-	-	-
1981	11.3	-	-	-
RETAIL TRADE — SIC 52-59				
1977	20.5	-	-	-
1978	23.6	-	-	-
1979	24.3	-	-	-
1980	23.8	-	-	-
1981	23.6	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	9.8	-	-	-
1978	10.6	-	-	-
1979	11.2	-	-	-
1980	11.2	-	-	-
1981	11.2	-	-	-
SERVICES				
1977	24.6	-	-	-
1978	26.3	-	-	-
1979	27.8	-	-	-
1980	28.6	-	-	-
1981	29.9	-	-	-
GOVERNMENT				
1977	28.9	-	-	-
1978	31.3	-	-	-
1979	33.8	-	-	-
1980	34.6	-	-	-
1981	34.3	-	-	-
FEDERAL GOVERNMENT				
1977	4.0	-	-	-
1978	4.4	-	-	-
1979	4.6	-	-	-
1980	4.8	-	-	-
1981	4.7	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
JACKSON (Con.)				
STATE AND LOCAL GOVERNMENT				
1977	25.0	-	-	-
1978	26.9	-	-	-
1979	29.2	-	-	-
1980	29.8	-	-	-
1981	29.6	-	-	-
STATE AND LOCAL EDUCATION — SIC 82,941				
1977	10.0	-	-	-
1978	10.3	-	-	-
1979	11.1	-	-	-
1980	11.1	-	-	-
1981	10.9	-	-	-

See footnotes at end of tables.

MISSOURI

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	1,861.8	-	-	-
1978	1,953.1	-	-	-
1979	2,011.1	-	-	-
1980	1,969.8	-	-	-
1981	1,971.2	-	-	-
MINING				
1977	8.4	-	-	-
1978	7.6	-	-	-
1979	8.2	-	-	-
1980	7.6	-	-	-
1981	6.8	-	-	-
CONSTRUCTION				
1977	77.8	-	-	-
1978	87.3	-	-	-
1979	92.4	-	-	-
1980	82.1	-	-	-
1981	86.7	-	-	-
MANUFACTURING				
1977	439.6	231.15	40.2	5.75
1978	456.8	248.40	40.0	6.21
1979	464.4	264.65	39.5	6.70
1980	437.0	284.59	39.2	7.26
1981	427.3	318.37	40.3	7.90
DURABLE GOODS				
1977	249.5	252.97	41.2	6.14
1978	263.6	272.14	40.8	6.67
1979	268.7	286.72	40.1	7.15
1980	245.6	310.84	39.8	7.81
1981	242.1	340.40	40.0	8.51
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	9.7	126.77	38.3	3.31
1978	10.7	140.61	37.1	3.79
1979	11.4	161.54	38.1	4.24
1980	10.2	176.06	37.3	4.72
1981	9.7	187.73	37.1	5.06
FURNITURE AND FIXTURES — SIC 25				
1977	8.0	183.14	39.9	4.59
1978	8.4	194.53	39.7	4.90
1979	8.8	205.37	39.8	5.16
1980	8.3	220.08	39.3	5.60
1981	8.5	246.48	39.0	6.32
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	13.0	245.42	40.7	6.03
1978	14.3	269.84	40.7	6.63
1979	14.4	288.48	39.9	7.23
1980	13.3	314.82	39.8	7.91
1981	12.7	356.83	41.3	8.64
CEMENT, HYDRAULIC — SIC 324				
1977	1.2	331.80	42.0	7.90
1978	1.3	360.29	41.7	8.64
1979	1.5	404.46	42.0	9.63
1980	1.4	414.46	40.2	10.31
1981	1.4	483.80	41.0	11.80
STRUCTURAL CLAY PRODUCTS — SIC 325				
1977	3.7	244.86	38.2	6.41
1978	3.9	279.75	38.8	7.21
1979	4.0	314.20	38.6	8.14
1980	3.7	359.72	39.1	9.20
1981	3.4	399.75	39.0	10.25

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
PRIMARY METAL INDUSTRIES — SIC 33				
1977	14.9	285.89	40.9	6.99
1978	15.6	312.42	41.0	7.62
1979	16.8	339.48	41.0	8.28
1980	16.0	368.14	39.5	9.32
1981	15.6	415.94	39.5	10.53
IRON AND STEEL FOUNDRIES — SIC 332				
1977	3.3	232.13	41.6	5.58
1978	3.5	260.40	42.0	6.20
1979	4.1	282.49	42.1	6.71
1980	4.0	305.78	41.1	7.44
1981	3.4	323.83	39.3	8.24
NONFERROUS FOUNDRIES — SIC 336				
1977	2.2	198.40	40.0	4.96
1978	2.3	214.00	40.0	5.35
1979	2.4	238.17	40.3	5.91
1980	2.3	261.88	39.8	6.58
1981	2.5	279.79	39.8	7.03
FABRICATED METAL PRODUCTS — SIC 34				
1977	31.9	240.78	40.4	5.96
1978	33.4	264.38	40.8	6.48
1979	34.0	281.20	40.0	7.03
1980	29.9	309.50	40.3	7.68
1981	28.3	336.10	40.3	8.34
CUTLERY, HAND TOOLS, AND HARDWARE — SIC 342				
1977	1.9	-	-	-
1978	2.0	-	-	-
1979	1.9	-	-	-
1980	1.6	-	-	-
FABRICATED STRUCTURAL METAL PRODUCTS — SIC 344				
1977	12.0	247.65	40.4	6.13
1978	12.4	265.36	40.7	6.52
1979	12.8	290.79	40.5	7.18
1980	12.0	311.65	39.7	7.85
1981	11.6	343.73	39.6	8.68
METAL FORGINGS AND STAMPINGS — SIC 346				
1977	2.1	-	-	-
1978	2.0	-	-	-
1979	2.2	-	-	-
1980	1.9	-	-	-
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	36.3	249.15	39.8	6.26
1978	37.4	267.19	40.3	6.63
1979	39.0	300.58	40.4	7.44
1980	37.1	333.20	40.0	8.33
1981	36.6	361.89	40.3	8.98
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	46.5	201.61	39.3	5.13
1978	50.9	227.30	39.6	5.74
1979	54.3	258.80	40.5	6.39
1980	53.1	288.55	40.3	7.16
1981	54.9	309.78	40.6	7.63
TRANSPORTATION EQUIPMENT — SIC 37				
1977	73.5	343.21	45.1	7.61
1978	76.8	353.42	43.1	8.20
1979	73.7	349.40	40.3	8.67
1980	61.8	390.67	40.4	9.67
1981	60.5	440.78	40.7	10.83

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
MOTOR VEHICLES AND EQUIPMENT — SIC 371				
1977	39.3	367.22	47.2	7.78
1978	40.3	364.02	43.7	8.33
1979	36.2	350.95	40.2	8.73
1980	23.5	382.71	39.7	9.64
1981	21.0	438.98	40.2	10.92
INSTRUMENTS AND RELATED PRODUCTS — SIC 38				
1977	7.1	167.42	38.4	4.36
1978	7.2	193.85	39.4	4.92
1979	7.4	210.54	39.5	5.33
1980	7.2	231.82	39.9	5.81
1981	7.3	254.87	39.7	6.42
MISC. MANUFACTURING INDUSTRIES — SIC 39				
1977	8.6	141.34	38.2	3.70
1978	8.9	146.26	37.6	3.89
1979	8.9	155.24	36.7	4.23
1980	8.7	171.11	36.1	4.74
1981	8.0	192.77	36.1	5.34
NONDURABLE GOODS				
1977	190.1	201.50	38.9	5.18
1978	193.2	215.73	38.8	5.56
1979	195.7	234.14	38.7	6.05
1980	191.4	252.29	38.4	6.57
1981	185.2	273.08	38.3	7.13
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	47.4	248.95	41.7	5.97
1978	47.0	262.91	41.6	6.32
1979	47.8	286.18	41.9	6.83
1980	46.3	305.21	41.3	7.39
1981	45.2	327.64	40.4	8.11
MEAT PRODUCTS, AND PRESERVED FRUITS AND VEGETABLES — SIC 201,3				
1977	12.4	199.75	40.6	4.92
1978	11.9	218.00	40.9	5.33
1979	11.7	239.95	41.3	5.81
1980	11.1	253.66	40.2	6.31
1981	11.7	271.95	39.7	6.85
DAIRY PRODUCTS — SIC 202				
1977	7.2	227.68	41.7	5.46
1978	7.0	245.32	41.3	5.94
1979	7.1	269.57	41.6	6.48
1980	6.8	283.15	40.8	6.94
1981	6.3	312.83	41.0	7.63
GRAIN MILL PRODUCTS — SIC 204				
1977	8.2	272.50	43.6	6.25
1978	8.1	284.19	42.8	6.64
1979	8.3	302.02	42.9	7.04
1980	8.0	336.93	43.7	7.71
1981	7.6	334.55	41.1	8.14
BAKERY PRODUCTS — SIC 205				
1977	6.9	237.98	39.4	6.04
1978	6.9	251.41	38.5	6.53
1979	6.6	275.16	38.7	7.11
1980	6.3	294.13	38.1	7.72
1981	6.1	314.98	37.1	8.49
BEVERAGES — SIC 208				
1977	8.1	347.92	42.9	8.11
1978	8.5	384.12	44.0	8.73
1979	9.2	402.52	43.8	9.19

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
BEVERAGES — SIC 208 (Con.)				
1980	9.3	418.88	44.0	9.52
1981	9.0	458.28	41.7	10.99
TEXTILES, AND APPAREL — SIC 22,23				
1980	29.9	160.01	35.4	4.52
1981	27.6	172.34	35.1	4.91
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	12.9	215.72	39.8	5.42
1978	13.5	231.64	39.8	5.82
1979	13.7	250.40	40.0	6.26
1980	13.2	271.72	39.9	6.81
1981	12.7	301.73	40.5	7.45
PAPERBOARD CONTAINERS AND BOXES — SIC 265				
1977	6.9	217.31	39.8	5.46
1978	7.1	235.20	40.0	5.88
1979	7.0	253.37	39.9	6.35
1980	6.7	273.64	39.6	6.91
1981	6.4	309.06	40.4	7.65
PRINTING AND PUBLISHING — SIC 27				
1977	34.6	232.32	38.4	6.05
1978	35.8	249.33	38.3	6.51
1979	36.7	270.07	38.2	7.07
1980	37.3	286.48	37.4	7.66
1981	37.0	309.22	37.3	8.29
COMMERCIAL PRINTING — SIC 275				
1977	9.9	278.36	40.4	6.89
1978	10.3	301.15	40.1	7.51
1979	10.5	327.98	39.9	8.22
1980	11.0	344.83	38.4	8.98
1981	11.2	370.71	38.1	9.73
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	28.2	285.28	42.9	6.65
1978	28.5	301.73	42.2	7.15
1979	29.6	330.23	42.5	7.77
1980	29.3	354.05	41.8	8.47
1981	28.3	376.90	41.6	9.06
LEATHER AND LEATHER PRODUCTS — SIC 31				
1977	22.8	124.96	35.3	3.54
1978	23.8	138.70	36.5	3.80
1979	23.1	145.91	35.5	4.11
1980	22.4	151.89	34.6	4.39
1981	20.9	170.15	35.3	4.82
FOOTWEAR, EXCEPT RUBBER — SIC 314				
1977	16.8	120.75	34.9	3.46
1978	17.6	133.95	36.3	3.69
1979	17.5	140.40	35.1	4.00
1980	17.3	146.29	34.1	4.29
1981	15.9	165.43	34.9	4.74
TRANSPORTATION AND PUBLIC UTILITIES				
1977	129.7	-	-	-
1978	136.3	-	-	-
1979	142.3	-	-	-
1980	138.9	-	-	-
1981	138.0	-	-	-
RAILROAD TRANSPORTATION — SIC 40				
1977	17.4	-	-	-
1978	17.2	-	-	-
1979	17.6	-	-	-
1980	16.3	-	-	-
1981	15.2	-	-	-
TRANSPORTATION, EXCEPT RAILROADS — SIC 41,42,44-47				
1980	70.2	-	-	-
1981	69.4	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
TRUCKING AND WAREHOUSING — SIC 42				
1977	37.3	-	-	-
1978	40.3	-	-	-
1979	40.7	-	-	-
1980	37.8	-	-	-
TRUCKING, LOCAL AND LONG DISTANCE — SIC 421				
1977	35.1	-	-	-
1978	37.8	-	-	-
1979	38.1	-	-	-
1980	35.2	-	-	-
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	45.5	-	-	-
1978	47.4	-	-	-
1979	50.4	-	-	-
1980	52.4	-	-	-
1981	53.4	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	446.1	-	-	-
1978	465.8	-	-	-
1979	474.3	-	-	-
1980	462.0	-	-	-
1981	466.3	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	127.1	-	-	-
1978	133.1	-	-	-
1979	137.7	-	-	-
1980	138.0	-	-	-
1981	138.7	-	-	-
RETAIL TRADE — SIC 52-59				
1977	319.0	-	-	-
1978	332.7	-	-	-
1979	336.6	-	-	-
1980	324.0	-	-	-
1981	327.6	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	98.0	-	-	-
1978	103.7	-	-	-
1979	107.8	-	-	-
1980	108.1	-	-	-
1981	108.9	-	-	-
SERVICES				
1977	340.7	-	-	-
1978	360.0	-	-	-
1979	383.2	-	-	-
1980	394.9	-	-	-
1981	404.6	-	-	-
GOVERNMENT				
1977	321.5	-	-	-
1978	335.6	-	-	-
1979	338.5	-	-	-
1980	339.2	-	-	-
1981	332.6	-	-	-
FEDERAL GOVERNMENT				
1977	67.8	-	-	-
1978	67.6	-	-	-
1979	67.6	-	-	-
1980	69.3	-	-	-
1981	68.2	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	253.7	-	-	-
1978	268.0	-	-	-
1979	270.9	-	-	-
1980	269.9	-	-	-
1981	264.4	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
KANSAS CITY				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	595.5	-	-	-
1978	623.5	-	-	-
1979	640.8	-	-	-
1980	627.6	-	-	-
1981	622.4	-	-	-
MINING				
1977	.5	-	-	-
1978	.5	-	-	-
1979	.6	-	-	-
1980	.5	-	-	-
1981	.5	-	-	-
CONSTRUCTION				
1977	24.4	-	-	-
1978	28.5	-	-	-
1979	29.3	-	-	-
1980	25.4	-	-	-
1981	22.8	-	-	-
MANUFACTURING				
1977	119.7	263.04	41.1	6.40
1978	124.5	281.48	40.5	6.95
1979	127.9	304.80	40.0	7.62
1980	119.8	323.14	39.6	8.16
1981	116.4	355.81	39.8	8.94
DURABLE GOODS				
1977	69.6	284.18	42.1	6.75
1978	73.1	300.85	41.1	7.32
1979	75.1	322.79	40.5	7.97
1980	68.4	345.66	40.1	8.62
1981	65.6	380.69	40.2	9.47
LUMBER, AND FURNITURE — SIC 24,25				
1977	2.8	186.03	39.0	4.77
1978	2.9	199.29	39.0	5.11
1979	3.1	213.38	37.7	5.66
1980	2.8	241.38	39.7	6.08
1981	2.7	261.55	40.3	6.49
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	4.9	286.33	41.8	6.85
1978	5.4	326.98	42.3	7.73
1979	5.2	348.98	42.3	8.25
1980	4.7	371.28	44.2	8.40
1981	4.1	393.18	41.3	9.52
PRIMARY METAL INDUSTRIES — SIC 33				
1977	5.7	332.90	38.8	8.58
1978	5.7	371.70	38.8	9.58
1979	5.9	405.01	40.1	10.10
1980	5.3	431.47	37.1	11.63
1981	5.1	491.49	38.7	12.70
FABRICATED METAL PRODUCTS — SIC 34				
1977	10.0	224.80	41.4	5.43
1978	10.3	238.00	39.6	6.01
1979	10.4	262.40	40.0	6.56
1980	9.7	287.10	39.6	7.25
1981	9.6	305.37	39.2	7.79
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	9.6	267.56	41.1	6.51
1978	10.2	290.21	41.4	7.01
1979	10.5	325.44	41.3	7.88
1980	10.6	358.18	41.6	8.61
1981	10.6	387.07	41.8	9.26
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	17.8	249.07	41.1	6.06
1978	19.0	274.73	41.5	6.62
1979	20.8	304.61	41.5	7.34
1980	20.9	331.70	40.8	8.13
1981	20.1	362.56	40.6	8.93

See footnotes at end of tables.

MISSOURI

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
KANSAS CITY (Con.)				
TRANSPORTATION EQUIPMENT — SIC 37				
1977	15.3	378.94	46.1	8.22
1978	15.9	371.78	42.2	8.81
1979	15.0	389.64	39.8	9.79
1980	11.0	413.06	38.0	10.87
1981	10.2	481.96	39.7	12.14
MOTOR VEHICLES AND EQUIPMENT — SIC 371				
1977	14.9	382.44	46.3	8.26
1978	15.5	375.20	42.3	8.87
1979	14.5	395.01	39.9	9.90
1980	10.4	420.28	38.0	11.06
1981	9.6	493.47	39.7	12.43
NONDURABLE GOODS				
1977	50.1	226.16	39.4	5.74
1978	51.4	247.10	39.6	6.24
1979	52.8	269.88	39.0	6.92
1980	51.4	285.22	38.7	7.37
1981	50.8	313.17	39.0	8.03
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	11.0	268.83	43.5	6.18
1978	10.9	290.36	42.7	6.80
1979	10.7	308.16	41.7	7.39
1980	9.9	329.02	42.4	7.76
1981	9.3	348.20	41.7	8.35
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	4.4	133.50	32.8	4.07
1978	4.1	145.52	33.3	4.37
1979	4.2	155.03	32.5	4.77
1980	4.0	156.43	31.1	5.03
1981	3.4	159.60	30.4	5.25
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	4.7	205.34	40.5	5.07
1978	4.7	220.99	40.4	5.47
1979	4.9	239.39	39.7	6.03
1980	4.9	264.40	39.7	6.66
1981	4.8	289.98	39.4	7.36
PRINTING AND PUBLISHING — SIC 27				
1977	15.3	235.36	37.3	6.31
1978	16.1	254.08	37.2	6.83
1979	17.1	284.58	37.2	7.65
1980	17.3	306.91	36.8	8.34
1981	17.3	332.05	37.1	8.95
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	8.0	273.98	41.2	6.65
1978	8.3	299.52	41.6	7.20
1979	8.7	331.23	41.3	8.02
1980	8.9	338.15	40.4	8.37
1981	9.0	373.15	41.6	8.97
PETROLEUM AND COAL PRODUCTS — SIC 29				
1977	2.0	301.89	42.4	7.12
1978	2.1	332.35	42.5	7.82
1979	2.2	365.64	44.0	8.31
1980	1.9	366.30	39.6	9.25
1981	2.2	465.21	42.1	11.05
TRANSPORTATION AND PUBLIC UTILITIES				
1977	51.8	-	-	-
1978	53.8	-	-	-
1979	55.5	-	-	-
1980	52.6	-	-	-
1981	52.3	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	153.5	-	-	-
1978	161.7	-	-	-
1979	164.1	-	-	-
1980	161.7	-	-	-
1981	160.5	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
KANSAS CITY (Con.)				
WHOLESALE TRADE — SIC 50,51				
1977	49.7	-	-	-
1978	52.4	-	-	-
1979	53.6	-	-	-
1980	53.4	-	-	-
1981	52.6	-	-	-
RETAIL TRADE — SIC 52-59				
1977	103.8	-	-	-
1978	109.3	-	-	-
1979	110.5	-	-	-
1980	108.3	-	-	-
1981	107.9	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	39.7	-	-	-
1978	42.0	-	-	-
1979	43.8	-	-	-
1980	44.1	-	-	-
1981	44.5	-	-	-
SERVICES				
1977	116.6	-	-	-
1978	120.9	-	-	-
1979	127.8	-	-	-
1980	129.9	-	-	-
1981	132.3	-	-	-
GOVERNMENT				
1977	89.3	-	-	-
1978	91.6	-	-	-
1979	91.8	-	-	-
1980	93.6	-	-	-
1981	93.1	-	-	-
FEDERAL GOVERNMENT				
1977	24.7	-	-	-
1978	24.0	-	-	-
1979	23.8	-	-	-
1980	24.1	-	-	-
1981	23.4	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	64.6	-	-	-
1978	67.6	-	-	-
1979	68.0	-	-	-
1980	69.5	-	-	-
1981	69.7	-	-	-
ST. JOSEPH				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	36.3	-	-	-
1978	37.2	-	-	-
1979	37.4	-	-	-
1980	37.4	-	-	-
1981	36.2	-	-	-
CONSTRUCTION AND MINING				
1977	1.9	-	-	-
1978	2.0	-	-	-
1979	1.9	-	-	-
1980	2.0	-	-	-
1981	1.8	-	-	-
MANUFACTURING				
1977	9.4	212.13	40.1	5.29
1978	9.6	224.58	39.4	5.70
1979	9.3	249.80	39.4	6.34
1980	9.2	275.02	39.8	6.91
1981	8.7	285.92	38.9	7.35
DURABLE GOODS				
1977	3.0	192.66	39.0	4.94
1978	3.1	203.37	38.3	5.31
1979	3.1	243.04	38.7	6.28
1980	3.2	275.41	39.4	6.99
1981	3.0	280.28	39.2	7.15

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
ST. JOSEPH (Con.)				
NONDURABLE GOODS				
1977	6.4	221.27	40.6	5.45
1978	6.5	234.21	39.9	5.87
1979	6.2	252.89	39.7	6.37
1980	6.0	274.80	40.0	6.87
1981	5.7	288.70	38.7	7.46
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	3.0	263.41	42.9	6.14
1978	2.9	278.52	42.2	6.60
1979	2.7	311.88	42.9	7.27
1980	2.5	343.74	43.9	7.83
1981	2.0	360.50	41.2	8.75
MEAT PRODUCTS — SIC 201				
1977	1.1	285.09	43.0	6.63
1978	1.1	301.89	43.5	6.94
1979	.9	344.65	44.3	7.78
1980	.6	426.41	46.5	9.17
1981	.6	498.04	48.4	10.29
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	.8	-	-	-
1978	1.1	-	-	-
1979	1.0	-	-	-
1980	1.0	-	-	-
1981	1.0	-	-	-
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	.9	-	-	-
1978	.8	-	-	-
1979	.8	-	-	-
1980	.8	-	-	-
1981	.9	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	2.4	-	-	-
1978	2.2	-	-	-
1979	2.2	-	-	-
1980	2.2	-	-	-
1981	2.2	-	-	-
TRANSPORTATION, EXCEPT RAILROADS; AND PUBLIC UTILITIES — SIC 41,42,44-49				
1977	1.9	-	-	-
1978	1.7	-	-	-
1979	1.7	-	-	-
1980	1.6	-	-	-
1981	1.7	-	-	-
RAILROAD TRANSPORTATION — SIC 40				
1977	.5	-	-	-
1978	.5	-	-	-
1979	.5	-	-	-
1980	.6	-	-	-
1981	.5	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	8.8	-	-	-
1978	9.2	-	-	-
1979	9.3	-	-	-
1980	9.2	-	-	-
1981	8.8	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	2.6	-	-	-
1978	2.6	-	-	-
1979	2.7	-	-	-
1980	2.6	-	-	-
1981	2.6	-	-	-
RETAIL TRADE — SIC 52-59				
1977	6.2	-	-	-
1978	6.6	-	-	-
1979	6.6	-	-	-
1980	6.6	-	-	-
1981	6.2	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
ST. JOSEPH (Con.)				
FINANCE, INSURANCE, AND REAL ESTATE				
1977	1.8	-	-	-
1978	1.9	-	-	-
1979	1.9	-	-	-
1980	1.9	-	-	-
1981	1.9	-	-	-
SERVICES				
1977	6.4	-	-	-
1978	6.4	-	-	-
1979	6.8	-	-	-
1980	6.8	-	-	-
1981	6.7	-	-	-
GOVERNMENT				
1977	5.6	-	-	-
1978	5.9	-	-	-
1979	6.0	-	-	-
1980	6.1	-	-	-
1981	6.1	-	-	-
FEDERAL GOVERNMENT				
1977	.6	-	-	-
1978	.6	-	-	-
1979	.6	-	-	-
1980	.6	-	-	-
1981	.6	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	5.0	-	-	-
1978	5.3	-	-	-
1979	5.4	-	-	-
1980	5.5	-	-	-
1981	5.5	-	-	-
ST. LOUIS[2]				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	958.5	-	-	-
1978	1,001.1	-	-	-
1979	1,026.6	-	-	-
1980	1,001.8	-	-	-
1981	992.7	-	-	-
MINING				
1977	2.6	-	-	-
1978	2.7	-	-	-
1979	3.2	-	-	-
1980	3.5	-	-	-
1981	3.2	-	-	-
CONSTRUCTION				
1977	38.1	-	-	-
1978	43.5	-	-	-
1979	48.6	-	-	-
1980	43.8	-	-	-
1981	43.8	-	-	-
MANUFACTURING				
1977	250.9	268.79	41.1	6.54
1978	257.9	289.87	41.0	7.07
1979	258.2	303.11	40.2	7.54
1980	239.4	324.32	39.6	8.19
1981	231.7	353.81	39.4	8.98
DURABLE GOODS				
1977	162.0	278.56	41.7	6.68
1978	168.4	303.58	41.7	7.28
1979	168.0	311.48	40.4	7.71
1980	149.9	332.29	39.7	8.37
1981	143.6	365.51	39.6	9.23
LUMBER, AND FURNITURE — SIC 24,25				
1977	4.8	194.30	38.4	5.06
1978	4.9	200.46	37.4	5.36
1979	5.2	209.43	37.6	5.57
1980	5.1	226.18	37.2	6.08
1981	4.9	251.17	37.6	6.68
ST. LOUIS[2] Con.)				
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	6.3	251.94	38.0	6.63
1978	6.7	278.14	38.9	7.15
1979	5.9	313.63	39.6	7.92
1980	5.0	338.82	38.9	8.71
1981	4.6	352.50	37.7	9.35
PRIMARY METAL INDUSTRIES — SIC 33				
1977	20.6	285.53	40.5	7.05
1978	21.8	336.61	43.1	7.81
1979	22.9	346.90	41.2	8.42
1980	20.3	364.69	39.9	9.14
1981	19.7	418.72	40.3	10.39
IRON AND STEEL FOUNDRIES — SIC 332				
1977	4.6	-	-	-
1978	5.2	-	-	-
1979	5.6	-	-	-
1980	5.0	-	-	-
1981	4.1	-	-	-
FABRICATED METAL PRODUCTS — SIC 34				
1977	23.0	242.60	40.5	5.99
1978	23.8	272.24	41.5	6.56
1979	24.1	293.99	41.7	7.05
1980	21.1	310.59	40.6	7.65
1981	20.5	344.97	40.3	8.56
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	22.5	259.65	39.4	6.59
1978	23.0	288.97	40.7	7.10
1979	23.3	311.25	39.7	7.84
1980	22.1	332.52	38.8	8.57
1981	21.0	359.83	38.9	9.25
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	16.6	193.60	40.0	4.84
1978	18.6	205.90	38.2	5.39
1979	19.9	231.02	39.9	5.79
1980	19.2	251.02	39.1	6.42
1981	19.2	276.28	39.3	7.03
TRANSPORTATION EQUIPMENT — SIC 37				
1977	59.9	341.71	45.2	7.56
1978	61.3	360.09	43.7	8.24
1979	58.2	357.75	40.7	8.79
1980	48.8	402.52	41.2	9.77
1981	45.6	447.41	40.6	11.02
MOTOR VEHICLES AND EQUIPMENT — SIC 371				
1977	27.9	368.64	48.0	7.68
1978	27.2	373.12	44.9	8.31
1979	23.2	354.78	40.5	8.76
1980	13.0	395.85	41.8	9.47
1981	9.5	438.80	40.0	10.97
AIRCRAFT AND PARTS — SIC 372				
1977	28.7	-	-	-
1978	30.8	-	-	-
1979	31.2	-	-	-
1980	32.0	-	-	-
1981	33.1	-	-	-
INSTRUMENTS, AND MISC. MANUFACTURING — SIC 38,39				
1977	8.3	172.73	38.3	4.51
1978	8.3	185.25	37.5	4.94
1979	8.5	200.94	37.7	5.33
1980	8.3	212.94	36.4	5.85
1981	8.1	235.25	36.7	6.41
NONDURABLE GOODS				
1977	88.9	250.57	39.9	6.28
1978	89.5	264.01	39.7	6.65
1979	91.2	288.48	39.9	7.23
1980	89.5	308.90	39.2	7.88
1981	88.1	335.09	39.1	8.57
ST. LOUIS[2] Con.)				
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	21.5	292.32	41.7	7.01
1978	21.4	327.51	42.7	7.67
1979	22.0	364.63	43.1	8.46
1980	21.7	391.43	42.5	9.21
1981	21.0	412.17	41.3	9.98
MEAT PRODUCTS — SIC 201				
1977	2.8	-	-	-
1978	2.6	-	-	-
1979	2.3	-	-	-
1980	2.2	-	-	-
1981	1.5	-	-	-
BEVERAGES — SIC 208				
1977	6.8	-	-	-
1978	7.0	-	-	-
1979	7.9	-	-	-
1980	7.9	-	-	-
1981	7.8	-	-	-
TEXTILES, AND APPAREL — SIC 22,23				
1977	9.1	126.00	33.6	3.75
1978	9.0	138.72	34.0	4.08
1979	8.8	157.75	34.9	4.52
1980	8.7	166.50	33.5	4.97
1981	8.8	187.68	34.5	5.44
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	6.9	247.76	41.5	5.97
1978	6.8	271.74	42.0	6.47
1979	7.0	289.26	41.5	6.97
1980	6.8	316.58	41.6	7.61
1981	6.8	350.24	42.3	8.28
PRINTING AND PUBLISHING — SIC 27				
1977	15.4	272.05	39.2	6.94
1978	15.9	273.13	38.2	7.15
1979	15.8	296.05	38.2	7.75
1980	15.6	313.81	37.9	8.28
1981	15.3	338.15	37.2	9.09
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	22.3	295.38	42.5	6.95
1978	22.2	306.71	41.9	7.32
1979	22.5	327.06	41.4	7.90
1980	22.5	347.09	40.5	8.57
1981	22.6	385.85	41.4	9.32
PETROLEUM AND COAL PRODUCTS — SIC 29				
1977	3.3	343.58	41.9	8.20
1978	3.3	376.69	40.9	9.21
1979	3.3	427.85	42.7	10.02
1980	3.2	468.23	42.8	10.94
1981	3.2	494.10	40.6	12.17
LEATHER AND LEATHER PRODUCTS — SIC 31				
1977	5.9	128.15	36.2	3.54
1978	6.0	138.71	36.6	3.79
1979	6.3	151.44	37.3	4.06
1980	5.9	161.76	37.1	4.36
1981	5.3	179.41	37.3	4.81
FOOTWEAR CUT STOCK, AND FOOTWEAR, EXCEPT RUBBER — SIC 313,4				
1977	4.5	-	-	-
1978	4.6	-	-	-
1979	4.7	-	-	-
1980	4.4	-	-	-
1981	4.0	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	65.5	-	-	-
1978	69.8	-	-	-
1979	73.3	-	-	-
1980	72.8	-	-	-
1981	72.3	-	-	-

See footnotes at end of tables.

MISSOURI

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
ST. LOUIS[3] Con.)				
RAILROAD TRANSPORTATION — SIC 40				
1977	10.1	-	-	-
1978	9.9	-	-	-
1979	9.9	-	-	-
1980	9.5	-	-	-
1981	9.0	-	-	-
TRANSPORTATION, EXCEPT RAILROADS — SIC 41,42,44-47				
1977	32.9	-	-	-
1978	35.8	-	-	-
1979	37.9	-	-	-
1980	36.6	-	-	-
1981	36.0	-	-	-
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	22.5	-	-	-
1978	24.1	-	-	-
1979	25.5	-	-	-
1980	26.7	-	-	-
1981	27.3	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	221.5	-	-	-
1978	230.2	-	-	-
1979	234.4	-	-	-
1980	228.0	-	-	-
1981	227.4	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	62.3	-	-	-
1978	65.3	-	-	-
1979	66.9	-	-	-
1980	66.4	-	-	-
1981	65.1	-	-	-
RETAIL TRADE — SIC 52-59				
1977	159.2	-	-	-
1978	164.9	-	-	-
1979	167.5	-	-	-
1980	161.6	-	-	-
1981	162.3	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	52.9	-	-	-
1978	55.8	-	-	-
1979	57.4	-	-	-
1980	57.6	-	-	-
1981	57.5	-	-	-
SERVICES				
1977	190.8	-	-	-
1978	200.1	-	-	-
1979	211.2	-	-	-
1980	217.9	-	-	-
1981	222.2	-	-	-
GOVERNMENT				
1977	136.2	-	-	
1978	141.1	-	-	-
1979	139.3	-	-	-
1980	138.8	-	-	-
1981	134.6	-	-	-
FEDERAL GOVERNMENT				
1977	33.7	-	-	-
1978	34.4	-	-	-
1979	34.6	-	-	-
1980	35.2	-	-	-
1981	34.4	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	102.5	-	-	-
1978	106.7	-	-	-
1979	104.7	-	-	-
1980	103.6	-	-	-
1981	100.2	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
SPRINGFIELD				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	78.8	-	-	-
1978	82.8	-	-	-
1979	85.7	-	-	-
1980	85.3	-	-	-
1981	87.1	-	-	-
CONSTRUCTION AND MINING				
1977	3.7	-	-	-
1978	4.2	-	-	-
1979	4.1	-	-	-
1980	3.6	-	-	-
1981	3.3	-	-	-
MANUFACTURING				
1977	18.4	189.83	38.9	4.88
1978	18.3	207.48	39.0	5.32
1979	18.7	234.82	39.4	5.96
1980	18.1	263.21	39.7	6.63
1981	18.1	297.54	40.1	7.42
DURABLE GOODS				
1977	9.1	192.76	39.5	4.88
1978	9.0	213.70	39.5	5.41
1979	9.2	241.38	39.7	6.08
1980	8.6	268.00	40.0	6.70
1981	9.0	296.68	40.2	7.38
LUMBER, AND FURNITURE — SIC 24,25				
1977	.7	-	-	-
1978	.7	-	-	-
1979	.7	-	-	-
1980	.8	-	-	-
1981	.8	-	-	-
NONDURABLE GOODS				
1977	9.3	186.52	38.3	4.87
1978	9.3	200.97	38.5	5.22
1979	9.5	227.76	39.0	5.84
1980	9.5	258.07	39.4	6.55
1981	9.0	298.85	39.9	7.49
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	4.1	190.08	38.4	4.95
1978	4.2	212.16	39.0	5.44
1979	4.5	247.01	41.1	6.01
1980	4.5	278.66	41.1	6.78
1981	4.1	324.44	42.3	7.67
PRINTING AND PUBLISHING — SIC 27				
1977	1.3	-	-	-
1978	1.3	-	-	-
1979	1.3	-	-	-
1980	1.3	-	-	-
1981	1.4	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	5.9	-	-	-
1978	6.2	-	-	-
1979	6.4	-	-	-
1980	6.8	-	-	-
1981	7.1	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	21.6	-	-	-
1978	23.1	-	-	-
1979	24.1	-	-	-
1980	23.0	-	-	-
1981	23.9	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	5.7	-	-	-
1978	6.3	-	-	-
1979	7.0	-	-	-
1980	7.3	-	-	-
1981	7.6	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
SPRINGFIELD (Con.)				
RETAIL TRADE — SIC 52-59				
1977	15.9	-	-	-
1978	16.8	-	-	-
1979	17.1	-	-	-
1980	15.7	-	-	-
1981	16.3	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	3.1	-	-	-
1978	3.4	-	-	-
1979	3.4	-	-	-
1980	3.4	-	-	-
1981	3.5	-	-	-
BANKING — SIC 60				
1977	1.0	-	-	-
1978	1.1	-	-	-
1979	1.1	-	-	-
1980	1.1	-	-	-
1981	1.1	-	-	-
SERVICES				
1977	15.4	-	-	-
1978	16.7	-	-	-
1979	17.8	-	-	-
1980	18.6	-	-	-
1981	19.5	-	-	-
HOSPITALS — SIC 806				
1977	3.9	-	-	-
1978	4.1	-	-	-
1979	4.3	-	-	-
1980	4.4	-	-	-
1981	4.7	-	-	-
GOVERNMENT				
1977	10.7	-	-	-
1978	10.9	-	-	-
1979	11.2	-	-	-
1980	11.8	-	-	-
1981	11.7	-	-	-
FEDERAL GOVERNMENT				
1977	1.3	-	-	-
1978	1.3	-	-	-
1979	1.4	-	-	-
1980	1.6	-	-	-
1981	1.6	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	9.4	-	-	-
1978	9.6	-	-	-
1979	9.8	-	-	-
1980	10.2	-	-	-
1981	10.1	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Production or nonsupervisory workers: Average weekly hours	Production or nonsupervisory workers: Average hourly earnings (dollars)
STATEWIDE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	264.8	-	-	-
1978	280.4	-	-	-
1979	283.8	-	-	-
1980	280.4	-	-	-
1981	285.2	-	-	-
MINING				
1977	6.1	345.40	42.8	8.07
1978	7.0	387.56	43.4	8.93
1979	7.7	449.76	48.0	9.37
1980	8.8	434.40	48.0	9.05
1981	11.5	487.60	42.4	11.50
METAL MINING — SIC 10				
1977	2.1	359.72	40.6	8.86
1978	2.1	411.98	39.5	10.43
1979	2.1	442.32	38.8	11.40
1980	1.9	454.58	37.2	12.22
1981	2.3	531.62	40.8	13.03
BITUMINOUS COAL, AND NONMETALLIC MINERALS, EXCEPT FUELS — SIC 12,14				
1977	1.6	-	-	-
1978	2.1	-	-	-
1979	2.2	-	-	-
1980	2.2	-	-	-
1981	2.3	-	-	-
OIL AND GAS EXTRACTION — SIC 13				
1977	2.4	-	-	-
1978	2.9	-	-	-
1979	3.4	-	-	-
1980	4.7	-	-	-
1981	6.9	-	-	-
CONSTRUCTION				
1977	15.7	379.64	37.7	10.07
1978	16.7	388.02	33.8	11.48
1979	15.6	353.06	35.2	10.03
1980	14.5	-	-	-
1981	13.4	-	-	-
MANUFACTURING				
1977	25.1	272.95	41.8	6.53
1978	26.3	333.49	42.7	7.81
1979	27.0	362.08	42.9	8.44
1980	24.2	379.30	43.2	8.78
1981	23.5	370.23	41.0	9.03
DURABLE GOODS				
1977	16.3	277.75	42.6	6.52
1978	17.4	331.70	42.8	7.75
1979	17.9	369.35	43.3	8.53
1980	15.2	402.74	44.6	9.03
1981	14.5	374.44	40.7	9.20
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	9.8	-	-	-
1978	10.8	-	-	-
1979	11.1	-	-	-
1980	9.2	-	-	-
1981	9.1	-	-	-
PRIMARY METAL INDUSTRIES — SIC 33				
1977	3.3	291.65	39.2	7.44
1978	3.2	329.67	38.2	8.63
1979	3.3	392.28	40.4	9.71
STATEWIDE (Con.)				
PRIMARY METAL INDUSTRIES — SIC 33 (Con.)				
1980	2.6	419.54	39.1	10.73
1981	2.1	462.24	36.0	12.84
NONDURABLE GOODS				
1977	8.8	261.74	39.9	6.56
1978	8.9	337.45	42.5	7.94
1979	9.1	345.68	41.9	8.25
1980	9.0	338.24	40.9	8.27
1981	9.0	370.24	41.6	8.90
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	4.1	230.45	41.3	5.58
1978	4.0	273.06	44.4	6.15
1979	4.1	275.63	42.8	6.44
1980	4.0	284.19	42.8	6.64
1981	3.8	320.68	42.7	7.51
PRINTING AND PUBLISHING — SIC 27				
1977	2.1	-	-	-
1978	2.3	-	-	-
1979	2.4	-	-	-
1980	2.2	-	-	-
1981	2.3	-	-	-
PETROLEUM AND COAL PRODUCTS — SIC 29				
1977	1.1	-	-	-
1978	1.1	-	-	-
1979	1.0	-	-	-
1980	1.0	-	-	-
1981	1.1	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	20.3	302.63	41.8	7.24
1978	21.7	306.45	41.3	7.42
1979	23.1	329.80	41.8	7.89
1980	22.4	-	-	-
1981	22.7	-	-	-
RAILROAD TRANSPORTATION — SIC 40				
1977	6.3	-	-	-
1978	6.9	-	-	-
1979	7.4	-	-	-
1980	6.5	-	-	-
1981	6.0	-	-	-
TRANSPORTATION, EXCEPT RAILROADS — SIC 41,42,44-47				
1977	6.3	-	-	-
1978	6.7	-	-	-
1979	6.8	-	-	-
1980	6.6	-	-	-
1981	7.2	-	-	-
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	7.7	268.74	41.6	6.46
1978	8.2	300.84	43.6	6.90
1979	8.9	331.63	44.1	7.52
1980	9.3	-	-	-
1981	9.6	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	67.0	153.72	33.2	4.63
1978	72.2	165.31	33.6	4.92
1979	73.5	183.06	33.9	5.40
1980	72.3	-	-	-
1981	73.7	-	-	-
STATEWIDE (Con.)				
WHOLESALE TRADE — SIC 50,51				
1977	15.8	-	-	-
1978	16.5	-	-	-
1979	17.4	-	-	-
1980	17.8	-	-	-
1981	18.2	-	-	-
RETAIL TRADE — SIC 52-59				
1977	51.2	-	-	-
1978	55.7	-	-	-
1979	56.1	-	-	-
1980	54.5	-	-	-
1981	55.5	-	-	-
GENERAL MERCHANDISE, APPAREL AND ACCESSORY STORES — SIC 53,56				
1977	8.0	-	-	-
1978	8.5	-	-	-
1979	8.5	-	-	-
1980	8.3	-	-	-
1981	8.5	-	-	-
FOOD STORES — SIC 54				
1977	6.9	-	-	-
1978	7.6	-	-	-
1979	7.8	-	-	-
1980	7.9	-	-	-
1981	8.1	-	-	-
AUTOMOTIVE DEALERS AND SERVICE STATIONS — SIC 55				
1977	8.4	-	-	-
1978	8.9	-	-	-
1979	8.6	-	-	-
1980	7.7	-	-	-
1981	7.5	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	11.2	133.21	36.9	3.61
1978	12.2	147.02	36.3	4.05
1979	12.7	152.21	33.9	4.49
1980	12.9	-	-	-
1981	12.9	-	-	-
SERVICES				
1977	49.4	113.84	29.8	3.82
1978	52.6	134.60	33.4	4.03
1979	54.2	142.46	34.0	4.19
1980	55.1	-	-	-
1981	56.7	-	-	-
PERSONAL SERVICES — SIC 72				
1977	2.4	-	-	-
1978	2.6	-	-	-
1979	2.5	-	-	-
1980	2.6	-	-	-
1981	2.6	-	-	-
HEALTH SERVICES — SIC 80				
1977	15.7	-	-	-
1978	17.2	-	-	-
1979	17.5	-	-	-
1980	18.2	-	-	-
1981	19.3	-	-	-
GOVERNMENT				
1977	70.0	-	-	-
1978	71.7	-	-	-
1979	70.1	-	-	-

See footnotes at end of tables.

MONTANA

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
GOVERNMENT (Con.)				
1980	70.2	-	-	-
1981	70.7	-	-	-
FEDERAL GOVERNMENT				
1977	13.6	-	-	-
1978	13.6	-	-	-
1979	13.9	-	-	-
1980	13.8	-	-	-
1981	13.7	-	-	-
STATE GOVERNMENT				
1977	20.0	-	-	-
1978	19.7	-	-	-
1979	18.7	-	-	-
1980	19.0	-	-	-
1981	18.7	-	-	-
STATE EDUCATION — SIC 82,941				
1977	8.9	-	-	-
1978	8.6	-	-	-
1979	7.9	-	-	-
1980	8.2	-	-	-
1981	8.4	-	-	-
LOCAL GOVERNMENT				
1977	36.4	-	-	-
1978	38.4	-	-	-
1979	37.5	-	-	-
1980	37.4	-	-	-
1981	38.2	-	-	-
LOCAL EDUCATION — SIC 82,941				
1977	22.8	-	-	-
1978	23.9	-	-	-
1979	22.8	-	-	-
1980	23.1	-	-	-
1981	23.1	-	-	-
BILLINGS				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	43.4	-	-	-
1978	45.5	-	-	-
1979	47.2	-	-	-
1980	46.9	-	-	-
1981	48.2	-	-	-
CONSTRUCTION				
1977	2.5	-	-	-
1978	2.6	-	-	-
1979	2.7	-	-	-
1980	2.3	-	-	-
1981	2.3	-	-	-
MANUFACTURING				
1977	4.1	-	-	-
1978	4.2	-	-	-
1979	4.4	-	-	-
1980	4.2	-	-	-
1981	4.2	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	3.8	-	-	-
1978	4.1	-	-	-
1979	4.8	-	-	-
1980	4.5	-	-	-
1981	4.5	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	14.2	-	-	-
1978	15.4	-	-	-
1979	15.9	-	-	-
1980	15.9	-	-	-
1981	15.8	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
BILLINGS (Con.)				
WHOLESALE TRADE — SIC 50,51				
1977	5.0	-	-	-
1978	5.1	-	-	-
1979	5.4	-	-	-
1980	5.6	-	-	-
1981	5.6	-	-	-
RETAIL TRADE — SIC 52-59				
1977	9.4	-	-	-
1978	10.3	-	-	-
1979	10.5	-	-	-
1980	10.2	-	-	-
1981	10.3	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	2.0	-	-	-
1978	2.2	-	-	-
1979	2.3	-	-	-
1980	2.3	-	-	-
1981	2.4	-	-	-
SERVICES AND MINING				
1977	8.7	-	-	-
1978	9.3	-	-	-
1979	9.6	-	-	-
1980	10.3	-	-	-
1981	11.4	-	-	-
GOVERNMENT				
1977	8.1	-	-	-
1978	7.7	-	-	-
1979	7.6	-	-	-
1980	7.5	-	-	-
1981	7.6	-	-	-
FEDERAL GOVERNMENT				
1977	1.4	-	-	-
1978	1.5	-	-	-
1979	1.5	-	-	-
1980	1.5	-	-	-
1981	1.7	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	6.7	-	-	-
1978	6.2	-	-	-
1979	6.1	-	-	-
1980	6.0	-	-	-
1981	5.9	-	-	-
GREAT FALLS				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	29.3	-	-	-
1978	30.0	-	-	-
1979	29.8	-	-	-
1980	29.2	-	-	-
1981	29.2	-	-	-
CONSTRUCTION				
1977	1.9	-	-	-
1978	1.9	-	-	-
1979	1.9	-	-	-
1980	1.6	-	-	-
1981	1.4	-	-	-
MANUFACTURING				
1977	1.8	-	-	-
1978	1.8	-	-	-
1979	1.7	-	-	-
1980	1.6	-	-	-
1981	1.4	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	1.8	-	-	-
1978	1.9	-	-	-
1979	1.9	-	-	-
1980	1.8	-	-	-
1981	1.9	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
GREAT FALLS (Con.)				
WHOLESALE AND RETAIL TRADE				
1977	9.5	-	-	-
1978	9.8	-	-	-
1979	9.7	-	-	-
1980	9.4	-	-	-
1981	9.6	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	2.6	-	-	-
1978	2.6	-	-	-
1979	2.8	-	-	-
1980	2.9	-	-	-
1981	3.0	-	-	-
RETAIL TRADE — SIC 52-59				
1977	6.9	-	-	-
1978	7.1	-	-	-
1979	6.9	-	-	-
1980	6.5	-	-	-
1981	6.6	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	1.9	-	-	-
1978	2.1	-	-	-
1979	2.1	-	-	-
1980	2.0	-	-	-
1981	2.1	-	-	-
SERVICES AND MINING				
1977	6.2	-	-	-
1978	6.6	-	-	-
1979	6.8	-	-	-
1980	7.1	-	-	-
1981	7.1	-	-	-
GOVERNMENT				
1977	6.2	-	-	-
1978	5.9	-	-	-
1979	5.8	-	-	-
1980	5.7	-	-	-
1981	5.7	-	-	-
FEDERAL GOVERNMENT				
1977	1.9	-	-	-
1978	1.8	-	-	-
1979	1.9	-	-	-
1980	1.7	-	-	-
1981	1.7	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	4.3	-	-	-
1978	4.1	-	-	-
1979	3.9	-	-	-
1980	3.9	-	-	-
1981	4.0	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	583.7	-	-	-
1978	609.9	-	-	-
1979	631.2	-	-	-
1980	627.6	-	-	-
1981	624.8	-	-	-
MINING				
1977	1.8	-	-	-
1978	1.8	-	-	-
1979	1.8	-	-	-
1980	1.9	-	-	-
1981	1.7	-	-	-
CONSTRUCTION				
1977	32.3	-	-	-
1978	33.0	-	-	-
1979	32.5	-	-	-
1980	29.1	-	-	-
1981	26.3	-	-	-
GENERAL BUILDING CONTRACTORS — SIC 15				
1977	9.5	-	-	-
1978	9.8	-	-	-
1979	9.9	-	-	-
1980	8.2	-	-	-
1981	7.3	-	-	-
MANUFACTURING				
1977	90.6	219.91	40.8	5.39
1978	94.1	239.61	41.1	5.83
1979	99.6	269.69	41.3	6.53
1980	96.4	299.63	40.6	7.38
1981	95.0	324.01	40.4	8.02
DURABLE GOODS				
1977	47.6	214.61	40.8	5.26
1978	48.6	231.90	40.9	5.67
1979	52.6	269.38	41.7	6.46
1980	49.9	291.51	40.6	7.18
1981	48.5	315.93	40.4	7.82
LUMBER, AND STONE, CLAY, AND GLASS PRODUCTS — SIC 24,32				
1977	5.1	203.94	41.2	4.95
1978	5.4	217.98	41.6	5.24
1979	5.5	231.18	40.7	5.68
1980	4.9	256.37	40.5	6.33
1981	4.7	288.16	40.7	7.08
FURNITURE AND FIXTURES — SIC 25				
1977	1.9	-	-	-
1978	1.9	-	-	-
1979	1.8	-	-	-
1980	1.7	-	-	-
1981	1.6	-	-	-
PRIMARY AND FABRICATED METALS — SIC 33,34				
1977	8.8	204.18	41.0	4.98
1978	9.4	232.07	40.5	5.73
1979	9.6	266.33	41.1	6.48
1980	9.1	298.62	39.5	7.56
1981	8.6	328.45	40.4	8.13
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	11.4	-	-	-
1978	11.3	-	-	-
1979	13.5	-	-	-
1980	12.8	-	-	-
1981	13.2	-	-	-
MACHINERY, AND TRANSPORTATION EQUIPMENT — SIC 35-37				
1977	26.9	229.30	40.8	5.62
1978	27.0	247.80	41.3	6.00
1979	30.3	294.10	42.5	6.92
1980	28.5	317.48	41.5	7.65
1981	27.8	337.00	40.7	8.28
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	10.2	-	-	-
1978	10.1	-	-	-
1979	10.9	-	-	-
1980	10.2	-	-	-
1981	9.5	-	-	-
TRANSPORTATION EQUIPMENT — SIC 37				
1977	5.2	-	-	-
1978	5.6	-	-	-
1979	5.8	-	-	-
1980	5.4	-	-	-
1981	5.2	-	-	-
INSTRUMENTS, AND MISC. MANUFACTURING — SIC 38,39				
1977	4.8	-	-	-
1978	4.9	-	-	-
1979	5.3	-	-	-
1980	5.8	-	-	-
1981	5.8	-	-	-
NONDURABLE GOODS				
1977	43.0	226.59	40.9	5.54
1978	45.4	249.45	41.3	6.04
1979	47.0	271.01	41.0	6.61
1980	46.5	308.97	40.6	7.61
1981	46.5	332.07	40.3	8.24
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	25.3	247.13	42.1	5.87
1978	26.9	267.74	41.9	6.39
1979	27.4	295.48	41.5	7.12
1980	27.7	340.25	41.8	8.14
1981	27.1	372.07	41.9	8.88
MEAT PRODUCTS — SIC 201				
1977	10.8	283.53	42.7	6.64
1978	12.9	292.86	41.6	7.04
1979	13.5	318.84	41.3	7.72
1980	14.1	363.49	41.4	8.78
1981	14.8	395.11	41.2	9.59
DAIRY PRODUCTS — SIC 202				
1977	2.3	180.18	40.4	4.46
1978	2.0	181.72	38.5	4.72
1979	1.9	198.26	38.2	5.19
1980	1.7	210.33	36.9	5.70
1981	1.6	239.17	38.7	6.18
GRAIN MILL PRODUCTS — SIC 204				
1977	5.3	275.13	47.6	5.78
1978	5.1	303.67	48.9	6.21
1979	4.9	347.70	47.5	7.32
1980	4.8	428.26	48.5	8.83
1981	4.4	444.15	47.2	9.41
BAKERY PRODUCTS — SIC 205				
1977	1.5	203.55	35.9	5.67
1978	1.5	213.96	35.6	6.01
1979	1.5	231.50	34.5	6.71
1980	1.5	245.62	34.4	7.14
1981	1.4	282.82	35.8	7.90
TEXTILES, AND APPAREL — SIC 22,23				
1977	2.4	-	-	-
1978	2.4	-	-	-
1979	2.5	-	-	-
1980	2.3	-	-	-
1981	2.3	-	-	-
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	1.6	-	-	-
1978	1.7	-	-	-
1979	1.9	-	-	-
1980	1.6	-	-	-
1981	1.5	-	-	-
PRINTING AND PUBLISHING — SIC 27				
1977	6.9	199.82	38.8	5.15
1978	7.2	236.29	41.6	5.68
1979	7.4	249.48	40.5	6.16
1980	7.7	255.68	37.6	6.80
1981	8.1	252.39	35.8	7.05
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	2.1	217.95	39.7	5.49
1978	2.3	228.90	42.0	5.87
1979	2.5	270.94	42.4	6.39
1980	2.6	304.10	44.2	6.88
1981	2.7	325.37	42.7	7.62
PETROLEUM, RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS, AND LEATHER — SIC 29-31				
1977	4.8	-	-	-
1978	4.9	-	-	-
1979	5.5	-	-	-
1980	4.7	-	-	-
1981	4.8	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	42.0	-	-	-
1978	43.8	-	-	-
1979	47.8	-	-	-
1980	47.9	-	-	-
1981	47.1	-	-	-
RAILROAD TRANSPORTATION — SIC 40				
1977	13.8	-	-	-
1978	14.4	-	-	-
1979	16.6	-	-	-
1980	16.4	-	-	-
1981	15.7	-	-	-
TRUCKING AND WAREHOUSING — SIC 42				
1977	10.9	-	-	-
1978	11.4	-	-	-
1979	11.8	-	-	-
1980	11.4	-	-	-
1981	11.5	-	-	-
COMMUNICATION — SIC 48				
1977	11.1	-	-	-
1978	11.5	-	-	-
1979	12.3	-	-	-

See footnotes at end of tables.

NEBRASKA

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
COMMUNICATION — SIC 48 (Con.)				
1980	12.6	-	-	-
1981	12.4	-	-	-
ELECTRIC, GAS, AND SANITARY SERVICES — SIC 49				
1977	3.6	-	-	-
1978	3.7	-	-	-
1979	4.0	-	-	-
1980	4.1	-	-	-
1981	4.3	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	156.0	-	-	-
1978	158.9	-	-	-
1979	164.1	-	-	-
1980	163.6	-	-	-
1981	162.6	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	45.6	-	-	-
1978	45.8	-	-	-
1979	48.3	-	-	-
1980	48.2	-	-	-
1981	48.0	-	-	-
RETAIL TRADE — SIC 52-59				
1977	110.4	-	-	-
1978	113.1	-	-	-
1979	115.8	-	-	-
1980	115.4	-	-	-
1981	114.5	-	-	-
BUILDING MATERIALS AND GARDEN SUPPLIES — SIC 52				
1977	5.8	-	-	-
1978	5.9	-	-	-
1979	6.1	-	-	-
1980	6.0	-	-	-
1981	5.9	-	-	-
GENERAL MERCHANDISE STORES — SIC 53				
1977	16.7	-	-	-
1978	16.5	-	-	-
1979	16.3	-	-	-
1980	16.2	-	-	-
1981	15.2	-	-	-
FOOD STORES — SIC 54				
1977	14.7	-	-	-
1978	15.2	-	-	-
1979	15.6	-	-	-
1980	16.2	-	-	-
1981	16.1	-	-	-
AUTOMOTIVE DEALERS AND SERVICE STATIONS — SIC 55				
1977	16.3	-	-	-
1978	16.7	-	-	-
1979	16.5	-	-	-
1980	15.6	-	-	-
1981	14.7	-	-	-
APPAREL AND ACCESSORY STORES — SIC 56				
1977	6.0	-	-	-
1978	6.3	-	-	-
1979	6.6	-	-	-
1980	6.6	-	-	-
1981	6.6	-	-	-
FURNITURE AND HOME FURNISHINGS STORES — SIC 57				
1977	4.1	-	-	-
1978	4.2	-	-	-
1979	4.2	-	-	-
1980	4.0	-	-	-
1981	4.0	-	-	-
EATING AND DRINKING PLACES — SIC 58				
1977	35.2	-	-	-
1978	36.6	-	-	-
1979	38.5	-	-	-
1980	38.4	-	-	-
1981	39.5	-	-	-
MISCELLANEOUS RETAIL — SIC 59				
1977	11.6	-	-	-
1978	11.8	-	-	-
1979	12.1	-	-	-
1980	12.4	-	-	-
1981	12.7	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	37.7	-	-	-
1978	39.5	-	-	-
1979	41.0	-	-	-
1980	42.0	-	-	-
1981	41.2	-	-	-
BANKING — SIC 60				
1977	9.8	-	-	-
1978	10.2	-	-	-
1979	10.4	-	-	-
1980	10.6	-	-	-
1981	10.9	-	-	-
CREDIT AGENCIES OTHER THAN BANKS — SIC 61				
1977	3.8	-	-	-
1978	4.2	-	-	-
1979	4.5	-	-	-
1980	4.7	-	-	-
1981	4.8	-	-	-
INSURANCE CARRIERS, AGENTS AND BROKERS — SIC 63,64				
1977	18.0	-	-	-
1978	19.1	-	-	-
1979	19.9	-	-	-
1980	20.5	-	-	-
1981	19.5	-	-	-
REAL ESTATE, AND COMBINATION OFFICES — SIC 65,66				
1977	4.8	-	-	-
1978	4.9	-	-	-
1979	5.1	-	-	-
1980	4.9	-	-	-
1981	4.6	-	-	-
SERVICES				
1977	104.1	-	-	-
1978	108.8	-	-	-
1979	114.0	-	-	-
1980	116.0	-	-	-
1981	120.6	-	-	-
HOTELS AND OTHER LODGING PLACES — SIC 70				
1977	7.3	-	-	-
1978	7.2	-	-	-
1979	6.9	-	-	-
1980	6.6	-	-	-
1981	6.6	-	-	-
PERSONAL SERVICES — SIC 72				
1977	6.0	-	-	-
1978	6.0	-	-	-
1979	6.1	-	-	-
1980	6.2	-	-	-
1981	6.2	-	-	-
BUSINESS SERVICES — SIC 73				
1977	13.0	-	-	-
1978	15.2	-	-	-
1979	17.1	-	-	-
1980	16.6	-	-	-
1981	18.0	-	-	-
AUTO REPAIR, SERVICES, AND GARAGES — SIC 75				
1977	3.4	-	-	-
1978	3.7	-	-	-
1979	3.9	-	-	-
1980	3.8	-	-	-
1981	3.6	-	-	-
MISCELLANEOUS REPAIR SERVICES — SIC 76				
1977	1.7	-	-	-
1978	1.8	-	-	-
1979	1.9	-	-	-
1980	1.8	-	-	-
1981	1.8	-	-	-
AMUSEMENTS, INCLUDING MOTION PICTURES — SIC 78,79				
1977	5.7	-	-	-
1978	5.9	-	-	-
1979	5.9	-	-	-
1980	5.8	-	-	-
1981	6.2	-	-	-
HEALTH SERVICES — SIC 80				
1977	36.4	-	-	-
1978	37.9	-	-	-
1979	39.4	-	-	-
1980	41.6	-	-	-
1981	43.6	-	-	-
EDUCATIONAL SERVICES, MUSEUMS, AND MEMBERSHIP ORGANIZATIONS — SIC 82,84,86				
1977	17.4	-	-	-
1978	17.0	-	-	-
1979	17.7	-	-	-
1980	17.7	-	-	-
1981	18.2	-	-	-
SOCIAL SERVICES — SIC 83				
1977	5.0	-	-	-
1978	5.4	-	-	-
1979	6.0	-	-	-
1980	6.4	-	-	-
1981	6.1	-	-	-
GOVERNMENT				
1977	129.2	-	-	-
1978	130.3	-	-	-
1979	130.6	-	-	-
1980	130.8	-	-	-
1981	130.5	-	-	-
FEDERAL GOVERNMENT				
1977	18.5	-	-	-
1978	16.5	-	-	-
1979	16.2	-	-	-
1980	16.6	-	-	-
1981	16.6	-	-	-
STATE GOVERNMENT				
1977	30.7	-	-	-
1978	31.3	-	-	-
1979	32.6	-	-	-
1980	32.8	-	-	-
1981	32.2	-	-	-
LOCAL GOVERNMENT				
1977	80.0	-	-	-
1978	82.5	-	-	-
1979	81.8	-	-	-
1980	81.5	-	-	-
1981	81.7	-	-	-
LINCOLN				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	94.6	-	-	-
1978	97.7	-	-	-
1979	100.6	-	-	-
1980	100.5	-	-	-
1981	99.3	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
LINCOLN (Con.)				
CONSTRUCTION AND MINING				
1977	4.4	-	-	-
1978	4.8	-	-	-
1979	4.7	-	-	-
1980	4.0	-	-	-
1981	3.4	-	-	-
MANUFACTURING				
1977	13.6	210.43	38.4	5.48
1978	13.6	234.35	38.8	6.04
1979	13.8	255.45	39.0	6.55
1980	13.5	278.74	38.5	7.24
1981	13.1	298.74	38.3	7.80
DURABLE GOODS				
1977	6.1	192.33	38.9	4.94
1978	6.0	217.62	39.0	5.58
1979	6.3	227.62	38.0	5.99
1980	6.2	251.75	37.8	6.66
1981	6.2	279.85	38.6	7.25
MACHINERY, AND TRANSPORTATION EQUIPMENT — SIC 35-37				
1977	3.8	202.65	38.6	5.25
1978	3.7	227.74	38.6	5.90
1979	4.0	241.17	38.1	6.33
1980	4.0	265.68	37.9	7.01
1981	4.1	301.39	39.5	7.63
NONDURABLE GOODS				
1977	7.4	227.19	37.9	5.99
1978	7.5	248.20	38.6	6.43
1979	7.5	280.59	39.8	7.05
1980	7.3	303.02	39.2	7.73
1981	6.9	314.19	37.9	8.29
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	2.6	252.10	41.6	6.06
1978	2.6	265.06	40.1	6.61
1979	2.5	290.05	41.2	7.04
1980	2.5	308.61	40.5	7.62
1981	2.1	328.84	40.9	8.04
PRINTING AND PUBLISHING — SIC 27				
1977	1.6	206.85	35.0	5.91
1978	1.7	235.93	38.3	6.16
1979	1.7	286.86	42.0	6.83
1980	1.9	-	-	-
1981	2.1	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	6.6	-	-	-
1978	6.7	-	-	-
1979	7.3	-	-	-
1980	7.5	-	-	-
1981	7.3	-	-	-
TRANSPORTATION — SIC 40-42,44-47				
1977	3.9	-	-	-
1978	3.9	-	-	-
1979	4.3	-	-	-
1980	4.4	-	-	-
1981	4.1	-	-	-
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	2.7	-	-	-
1978	2.8	-	-	-
1979	3.0	-	-	-
1980	3.1	-	-	-
1981	3.2	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	20.6	-	-	-
1978	21.4	-	-	-
1979	22.2	-	-	-
1980	22.0	-	-	-
1981	22.5	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
LINCOLN (Con.)				
WHOLESALE TRADE — SIC 50,51				
1977	4.1	-	-	-
1978	4.5	-	-	-
1979	5.1	-	-	-
1980	4.9	-	-	-
1981	5.1	-	-	-
RETAIL TRADE — SIC 52-59				
1977	16.6	-	-	-
1978	16.9	-	-	-
1979	17.1	-	-	-
1980	17.0	-	-	-
1981	17.4	-	-	-
BUILDING MATERIALS, FURNITURE, AND MISCELLANEOUS RETAIL STORES — SIC 52,57,59				
1977	3.3	-	-	-
1978	3.2	-	-	-
1979	3.2	-	-	-
1980	3.1	-	-	-
1981	3.5	-	-	-
GENERAL MERCHANDISE STORES — SIC 53				
1977	2.7	-	-	-
1978	2.7	-	-	-
1979	2.8	-	-	-
1980	2.5	-	-	-
1981	2.3	-	-	-
FOOD STORES — SIC 54				
1977	1.6	-	-	-
1978	1.7	-	-	-
1979	1.8	-	-	-
1980	2.0	-	-	-
1981	1.9	-	-	-
AUTOMOTIVE DEALERS AND SERVICE STATIONS — SIC 55				
1977	2.0	-	-	-
1978	2.0	-	-	-
1979	2.1	-	-	-
1980	2.2	-	-	-
1981	2.1	-	-	-
APPAREL AND ACCESSORY STORES — SIC 56				
1977	1.2	-	-	-
1978	1.2	-	-	-
1979	1.2	-	-	-
1980	1.3	-	-	-
1981	1.2	-	-	-
EATING AND DRINKING PLACES — SIC 58				
1977	5.8	-	-	-
1978	6.0	-	-	-
1979	6.0	-	-	-
1980	6.0	-	-	-
1981	6.4	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	6.7	-	-	-
1978	7.0	-	-	-
1979	7.1	-	-	-
1980	7.0	-	-	-
1981	7.0	-	-	-
BANKING — SIC 60				
1977	1.4	-	-	-
1978	1.5	-	-	-
1979	1.4	-	-	-
1980	1.4	-	-	-
1981	1.4	-	-	-
INSURANCE CARRIERS, AGENTS AND BROKERS — SIC 63,64				
1977	3.6	-	-	-
1978	3.8	-	-	-
1979	3.9	-	-	-
1980	3.9	-	-	-
1981	3.9	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
LINCOLN (Con.)				
SERVICES				
1977	15.5	-	-	-
1978	15.9	-	-	-
1979	16.7	-	-	-
1980	17.3	-	-	-
1981	17.3	-	-	-
PERSONAL SERVICES — SIC 72				
1977	.9	-	-	-
1978	.9	-	-	-
1979	1.0	-	-	-
1980	1.0	-	-	-
1981	1.0	-	-	-
BUSINESS SERVICES — SIC 73				
1977	2.7	-	-	-
1978	2.9	-	-	-
1979	3.1	-	-	-
1980	3.4	-	-	-
1981	3.2	-	-	-
HEALTH SERVICES — SIC 80				
1977	4.6	-	-	-
1978	4.6	-	-	-
1979	4.8	-	-	-
1980	5.2	-	-	-
1981	5.2	-	-	-
GOVERNMENT				
1977	27.2	-	-	-
1978	28.4	-	-	-
1979	28.6	-	-	-
1980	29.3	-	-	-
1981	28.8	-	-	-
FEDERAL GOVERNMENT				
1977	2.4	-	-	-
1978	2.4	-	-	-
1979	2.4	-	-	-
1980	2.6	-	-	-
1981	2.5	-	-	-
STATE GOVERNMENT				
1977	15.4	-	-	-
1978	16.2	-	-	-
1979	16.2	-	-	-
1980	16.6	-	-	-
1981	16.1	-	-	-
LOCAL GOVERNMENT				
1977	9.4	-	-	-
1978	9.8	-	-	-
1979	10.0	-	-	-
1980	10.1	-	-	-
1981	10.2	-	-	-
OMAHA				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	246.2	-	-	-
1978	255.5	-	-	-
1979	267.1	-	-	-
1980	263.8	-	-	-
1981	264.3	-	-	-
CONSTRUCTION AND MINING				
1977	12.4	-	-	-
1978	12.6	-	-	-
1979	12.0	-	-	-
1980	10.6	-	-	-
1981	10.0	-	-	-
MANUFACTURING				
1977	34.8	238.79	41.1	5.81
1978	35.6	258.49	40.9	6.32
1979	37.2	279.45	40.5	6.90
1980	35.8	300.56	39.6	7.59
1981	35.6	327.46	39.5	8.29

See footnotes at end of tables.

NEBRASKA

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
OMAHA (Con.)				
DURABLE GOODS				
1977	17.5	236.40	40.0	5.91
1978	18.0	255.42	39.6	6.45
1979	19.7	283.91	40.1	7.08
1980	18.6	302.25	38.7	7.81
1981	18.4	331.89	39.0	8.51
PRIMARY AND FABRICATED METALS — SIC 33,34				
1977	2.9	257.65	42.1	6.12
1978	3.1	272.76	38.8	7.03
1979	3.1	316.34	39.2	8.07
1980	2.9	359.79	39.8	9.04
1981	3.1	377.72	38.9	9.71
MACHINERY, AND TRANSPORTATION EQUIPMENT — SIC 35-37				
1977	10.7	256.80	40.0	6.42
1978	10.6	279.79	40.2	6.96
1979	12.2	313.05	41.3	7.58
1980	11.4	328.55	39.3	8.36
1981	11.1	360.40	40.0	9.01
NONDURABLE GOODS				
1977	17.3	241.53	42.3	5.71
1978	17.7	261.64	42.2	6.20
1979	17.5	274.29	41.0	6.69
1980	17.1	299.15	40.7	7.35
1981	17.3	323.21	40.1	8.06
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	10.1	271.44	43.5	6.24
1978	10.2	293.57	43.3	6.78
1979	9.6	307.97	41.9	7.35
1980	9.2	334.12	41.3	8.09
1981	9.1	368.74	41.2	8.95
MEAT PRODUCTS — SIC 201				
1977	4.1	316.71	46.1	6.87
1978	4.5	315.64	43.9	7.19
1979	4.0	318.86	41.9	7.61
1980	3.5	330.46	41.0	8.06
1981	3.7	368.18	41.0	8.98
GRAIN MILL PRODUCTS — SIC 204				
1977	2.1	324.30	47.0	6.90
1978	2.0	350.81	47.6	7.37
1979	1.8	401.62	46.7	8.60
1980	1.8	474.85	46.6	10.19
1981	1.8	500.09	44.1	11.34
BAKERY PRODUCTS — SIC 205				
1977	.9	210.61	36.5	5.77
1978	.9	218.38	35.8	6.10
1979	.9	229.14	34.2	6.70
1980	.9	246.65	34.4	7.17
1981	.8	301.75	38.1	7.92
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	1.4	-	-	-
1978	1.4	-	-	-
1979	1.5	-	-	-
1980	1.5	-	-	-
1981	1.4	-	-	-
PRINTING AND PUBLISHING — SIC 27				
1977	3.1	221.77	43.4	5.11
1978	3.3	231.84	41.4	5.60
1979	3.5	243.18	39.8	6.11
1980	3.6	254.77	37.8	6.74
1981	3.9	267.90	36.8	7.28
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	1.2	217.88	39.4	5.53
1978	1.3	239.13	42.1	5.68
1979	1.3	267.26	41.5	6.44
1980	1.3	323.40	46.2	7.00
1981	1.4	332.12	44.7	7.43

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
OMAHA (Con.)				
TRANSPORTATION AND PUBLIC UTILITIES				
1977	21.8	-	-	-
1978	23.0	-	-	-
1979	24.9	-	-	-
1980	24.5	-	-	-
1981	24.3	-	-	-
RAILROAD TRANSPORTATION — SIC 40				
1977	6.3	-	-	-
1978	6.6	-	-	-
1979	7.2	-	-	-
1980	6.8	-	-	-
1981	6.6	-	-	-
TRUCKING AND WAREHOUSING — SIC 42				
1977	6.2	-	-	-
1978	6.5	-	-	-
1979	6.7	-	-	-
1980	6.2	-	-	-
1981	6.4	-	-	-
COMMUNICATION — SIC 48				
1977	5.6	-	-	-
1978	5.8	-	-	-
1979	6.4	-	-	-
1980	6.7	-	-	-
1981	6.6	-	-	-
ELECTRIC, GAS, AND SANITARY SERVICES — SIC 49				
1977	2.1	-	-	-
1978	2.3	-	-	-
1979	2.5	-	-	-
1980	2.7	-	-	-
1981	2.9	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	64.5	-	-	-
1978	67.1	-	-	-
1979	69.4	-	-	-
1980	68.3	-	-	-
1981	67.2	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	19.6	-	-	-
1978	20.5	-	-	-
1979	21.6	-	-	-
1980	21.0	-	-	-
1981	21.4	-	-	-
RETAIL TRADE — SIC 52-59				
1977	44.9	-	-	-
1978	46.6	-	-	-
1979	47.8	-	-	-
1980	47.3	-	-	-
1981	45.8	-	-	-
GENERAL MERCHANDISE STORES — SIC 53				
1977	8.7	-	-	-
1978	8.5	-	-	-
1979	8.1	-	-	-
1980	8.2	-	-	-
1981	7.4	-	-	-
FOOD STORES — SIC 54				
1977	6.2	-	-	-
1978	6.4	-	-	-
1979	6.7	-	-	-
1980	6.8	-	-	-
1981	6.7	-	-	-
AUTOMOTIVE DEALERS AND SERVICE STATIONS — SIC 55				
1977	5.4	-	-	-
1978	5.4	-	-	-
1979	5.3	-	-	-
1980	4.9	-	-	-
1981	4.5	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
OMAHA (Con.)				
APPAREL AND ACCESSORY STORES — SIC 56				
1977	2.3	-	-	-
1978	2.4	-	-	-
1979	2.5	-	-	-
1980	2.6	-	-	-
1981	2.6	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	22.0	-	-	-
1978	23.2	-	-	-
1979	24.2	-	-	-
1980	24.3	-	-	-
1981	23.9	-	-	-
BANKING — SIC 60				
1977	3.7	-	-	-
1978	3.8	-	-	-
1979	3.9	-	-	-
1980	4.0	-	-	-
1981	4.0	-	-	-
INSURANCE CARRIERS, AGENTS AND BROKERS — SIC 63,64				
1977	12.7	-	-	-
1978	13.5	-	-	-
1979	14.3	-	-	-
1980	14.1	-	-	-
1981	13.8	-	-	-
SERVICES				
1977	49.9	-	-	-
1978	53.9	-	-	-
1979	57.6	-	-	-
1980	58.0	-	-	-
1981	60.9	-	-	-
HOTELS AND OTHER LODGING PLACES — SIC 70				
1977	2.9	-	-	-
1978	2.6	-	-	-
1979	2.4	-	-	-
1980	2.4	-	-	-
1981	2.4	-	-	-
PERSONAL, BUSINESS, AND REPAIR SERVICES, AND AMUSEMENTS — SIC 72,73,75,76,78,79				
1977	17.5	-	-	-
1978	19.7	-	-	-
1979	21.2	-	-	-
1980	20.1	-	-	-
1981	21.7	-	-	-
HEALTH SERVICES — SIC 80				
1977	16.4	-	-	-
1978	17.2	-	-	-
1979	18.1	-	-	-
1980	19.2	-	-	-
1981	20.7	-	-	-
LEGAL, AND MISCELLANEOUS SERVICES — SIC 81,89				
1977	3.7	-	-	-
1978	3.8	-	-	-
1979	4.0	-	-	-
1980	4.3	-	-	-
1981	4.5	-	-	-
GOVERNMENT				
1977	40.8	-	-	-
1978	40.2	-	-	-
1979	41.8	-	-	-
1980	42.4	-	-	-
1981	42.4	-	-	-
FEDERAL GOVERNMENT				
1977	8.5	-	-	-
1978	8.5	-	-	-
1979	8.1	-	-	-
1980	8.6	-	-	-
1981	8.5	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
OMAHA (Con.)				
STATE GOVERNMENT				
1977	7.0	-	-	-
1978	7.1	-	-	-
1979	7.8	-	-	-
1980	7.9	-	-	-
1981	8.2	-	-	-
LOCAL GOVERNMENT				
1977	25.3	-	-	-
1978	24.6	-	-	-
1979	25.9	-	-	-
1980	25.9	-	-	-
1981	25.7	-	-	-

See footnotes at end of tables.

NEVADA

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	308.2	-	-	-
1978	350.3	-	-	-
1979	383.7	-	-	-
1980	400.0	-	-	-
1981	414.0	-	-	-
MINING				
1977	4.4	305.66	40.7	7.51
1978	4.2	318.11	41.1	7.74
1979	4.7	356.27	43.5	8.19
1980	6.2	377.88	40.2	9.40
1981	7.9	441.50	41.3	10.69
METAL MINING — SIC 10				
1977	2.9	-	-	-
1978	2.4	-	-	-
1979	2.4	-	-	-
1980	3.7	-	-	-
1981	5.0	-	-	-
CONSTRUCTION				
1977	19.3	401.54	35.1	11.44
1978	25.5	419.32	35.2	11.91
1979	27.3	465.48	36.0	12.93
1980	26.2	494.56	35.1	14.09
1981	25.7	569.94	35.8	15.92
MANUFACTURING				
1977	15.1	236.68	38.8	6.10
1978	17.8	251.79	38.5	6.54
1979	19.4	267.58	38.5	6.95
1980	19.2	294.90	38.2	7.72
1981	20.4	325.01	38.6	8.42
DURABLE GOODS				
1977	9.6	246.57	39.2	6.29
1978	11.8	265.87	38.7	6.87
1979	13.2	281.91	39.1	7.21
1980	12.7	316.76	39.3	8.06
1981	13.6	348.59	39.3	8.87
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	1.9	287.32	41.4	6.94
1978	1.9	313.80	40.7	7.71
1979	2.1	321.99	40.4	7.97
1980	1.9	344.86	39.1	8.82
1981	1.7	392.82	39.4	9.97
PRIMARY METAL INDUSTRIES — SIC 33				
1977	1.1	326.82	40.1	8.15
1978	1.3	364.69	39.9	9.14
1979	1.5	423.46	40.6	10.43
1980	1.6	452.76	39.2	11.55
1981	1.8	549.53	42.5	12.93
NONDURABLE GOODS				
1977	5.5	221.37	38.3	5.78
1978	6.0	226.70	38.1	5.95
1979	6.2	239.84	37.3	6.43
1980	6.5	261.35	35.9	7.28
1981	6.8	278.24	37.0	7.52
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	1.3	-	-	-
1978	1.6	-	-	-
1979	1.6	-	-	-
1980	1.5	-	-	-
1981	1.4	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
PRINTING AND PUBLISHING — SIC 27				
1977	2.4	212.98	38.1	5.59
1978	2.6	223.09	38.2	5.84
1979	3.0	224.59	36.4	6.17
1980	3.0	234.61	34.1	6.88
1981	3.1	264.51	35.6	7.43
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	.9	-	-	-
1978	.9	-	-	-
1979	.9	-	-	-
1980	.8	-	-	-
1981	.9	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	18.8	-	-	-
1978	20.9	-	-	-
1979	23.1	-	-	-
1980	24.1	-	-	-
1981	25.1	-	-	-
TRANSPORTATION — SIC 40-42,44-47				
1977	10.3	-	-	-
1978	11.8	-	-	-
1979	12.7	-	-	-
1980	12.9	-	-	-
1981	13.2	-	-	-
RAILROAD TRANSPORTATION — SIC 40				
1977	1.5	-	-	-
1978	1.5	-	-	-
1979	1.6	-	-	-
1980	1.6	-	-	-
1981	1.8	-	-	-
TRUCKING AND WAREHOUSING — SIC 42				
1977	2.8	-	-	-
1978	3.1	-	-	-
1979	3.5	-	-	-
1980	3.4	-	-	-
1981	3.5	-	-	-
TRANSPORTATION BY AIR — SIC 45				
1977	2.3	-	-	-
1978	2.9	-	-	-
1979	3.2	-	-	-
1980	3.1	-	-	-
1981	3.1	-	-	-
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	8.5	287.28	39.9	7.20
1978	9.1	308.32	41.0	7.52
1979	10.4	322.09	41.4	7.78
1980	11.2	348.80	40.7	8.57
1981	11.9	393.16	40.2	9.78
WHOLESALE AND RETAIL TRADE				
1977	61.2	-	-	-
1978	69.5	-	-	-
1979	77.4	-	-	-
1980	80.3	-	-	-
1981	84.6	-	-	-
WHOLESALE AND RETAIL TRADE, EXCEPT EATING AND DRINKING PLACES — SIC 50-57,59				
1977	-	187.09	35.5	5.27
1978	-	199.76	34.5	5.79

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
WHOLESALE AND RETAIL TRADE, EXCEPT EATING AND DRINKING PLACES — SIC 50-57,59 (Con.)				
1979	-	208.01	34.1	6.10
1980	-	227.81	33.8	6.74
1981	-	241.40	34.0	7.10
WHOLESALE TRADE — SIC 50,51				
1977	10.1	-	-	-
1978	11.4	-	-	-
1979	12.7	-	-	-
1980	13.2	-	-	-
1981	14.1	-	-	-
RETAIL TRADE — SIC 52-59				
1977	51.1	-	-	-
1978	58.1	-	-	-
1979	64.7	-	-	-
1980	67.1	-	-	-
1981	70.5	-	-	-
GENERAL MERCHANDISE, APPAREL AND ACCESSORY STORES — SIC 53,56				
1977	9.2	-	-	-
1978	10.8	-	-	-
1979	13.4	-	-	-
1980	13.7	-	-	-
1981	14.0	-	-	-
FOOD STORES — SIC 54				
1977	7.2	-	-	-
1978	7.9	-	-	-
1979	8.6	-	-	-
1980	9.4	-	-	-
1981	10.4	-	-	-
AUTOMOTIVE DEALERS AND SERVICE STATIONS — SIC 55				
1977	7.9	-	-	-
1978	8.6	-	-	-
1979	8.7	-	-	-
1980	8.9	-	-	-
1981	8.7	-	-	-
EATING AND DRINKING PLACES — SIC 58				
1977	16.2	-	-	-
1978	18.9	-	-	-
1979	20.8	-	-	-
1980	21.4	-	-	-
1981	23.4	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	12.8	-	-	-
1978	14.4	-	-	-
1979	16.9	-	-	-
1980	17.9	-	-	-
1981	18.4	-	-	-
FINANCE — SIC 60-62				
1977	6.1	-	-	-
1978	6.8	-	-	-
1979	7.6	-	-	-
1980	7.9	-	-	-
1981	8.6	-	-	-
SERVICES				
1977	127.4	-	-	-
1978	145.8	-	-	-
1979	160.2	-	-	-
1980	169.1	-	-	-
1981	175.0	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
HOTELS, AND AMUSEMENTS, EXCEPT MOTION PICTURES — SIC 70,79				
1977	87.1	-	-	-
1978	101.4	-	-	-
1979	110.9	-	-	-
1980	114.8	-	-	-
1981	115.5	-	-	-
PERSONAL SERVICES — SIC 72				
1977	4.1	-	-	-
1978	4.6	-	-	-
1979	4.9	-	-	-
1980	5.1	-	-	-
1981	5.3	-	-	-
BUSINESS SERVICES — SIC 73				
1977	11.0	-	-	-
1978	12.1	-	-	-
1979	13.8	-	-	-
1980	15.5	-	-	-
1981	17.8	-	-	-
HEALTH SERVICES — SIC 80				
1977	9.4	-	-	-
1978	10.3	-	-	-
1979	11.4	-	-	-
1980	13.0	-	-	-
1981	14.3	-	-	-
GOVERNMENT				
1977	49.2	-	-	-
1978	52.2	-	-	-
1979	54.7	-	-	-
1980	57.0	-	-	-
1981	56.9	-	-	-
FEDERAL GOVERNMENT				
1977	9.5	-	-	-
1978	9.6	-	-	-
1979	10.0	-	-	-
1980	10.4	-	-	-
1981	9.3	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	39.7	-	-	-
1978	42.6	-	-	-
1979	44.7	-	-	-
1980	46.6	-	-	-
1981	47.6	-	-	-
STATE AND LOCAL EDUCATION — SIC 82,941				
1977	17.2	-	-	-
1978	18.1	-	-	-
1979	18.9	-	-	-
1980	19.4	-	-	-
1981	19.5	-	-	-
LAS VEGAS				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	168.3	-	-	-
1978	189.4	-	-	-
1979	210.5	-	-	-
1980	221.1	-	-	-
1981	229.8	-	-	-
MINING				
1977	.2	-	-	-
1978	.2	-	-	-
1979	.4	-	-	-
1980	.5	-	-	-
1981	.6	-	-	-
CONSTRUCTION				
1977	10.2	411.34	34.8	11.82
1978	13.6	429.79	35.2	12.21
1979	15.5	464.22	35.6	13.04
1980	14.1	473.92	33.9	13.98
1981	14.8	557.35	35.5	15.70

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
LAS VEGAS (Con.)				
MANUFACTURING				
1977	5.6	301.26	41.1	7.33
1978	6.3	318.00	39.8	7.99
1979	6.9	348.38	39.1	8.91
1980	6.9	359.33	39.4	9.12
1981	7.4	417.50	39.8	10.49
DURABLE GOODS				
1977	3.2	325.68	41.7	7.81
1978	3.8	342.91	40.2	8.53
1979	4.2	374.69	39.4	9.51
1980	4.2	385.92	40.2	9.60
1981	4.4	461.37	40.4	11.42
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	.8	-	-	-
1978	.9	-	-	-
1979	1.1	-	-	-
1980	.9	-	-	-
1981	.8	-	-	-
NONDURABLE GOODS				
1977	2.4	263.46	40.1	6.57
1978	2.5	279.57	39.1	7.15
1979	2.7	298.38	38.5	7.75
1980	2.7	308.07	37.8	8.15
1981	3.0	327.54	38.9	8.42
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	.5	-	-	-
1978	.6	-	-	-
1979	.5	-	-	-
1980	.5	-	-	-
1981	.5	-	-	-
PRINTING AND PUBLISHING — SIC 27				
1977	1.1	-	-	-
1978	1.2	-	-	-
1979	1.3	-	-	-
1980	1.3	-	-	-
1981	1.5	-	-	-
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	.6	-	-	-
1978	.6	-	-	-
1979	.7	-	-	-
1980	.7	-	-	-
1981	.8	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	10.7	-	-	-
1978	11.9	-	-	-
1979	12.6	-	-	-
1980	13.2	-	-	-
1981	13.9	-	-	-
TRANSPORTATION — SIC 40-42,44-47				
1977	6.4	-	-	-
1978	7.4	-	-	-
1979	7.7	-	-	-
1980	7.7	-	-	-
1981	8.0	-	-	-
TRANSPORTATION, EXCEPT RAILROADS, AND PUBLIC UTILITIES — SIC 41,42,44-49				
1977	-	272.80	40.0	6.82
1978	-	284.01	39.5	7.19
1979	-	307.97	40.1	7.68
1980	-	332.40	40.0	8.31
1981	-	372.49	40.4	9.22
RAILROAD TRANSPORTATION — SIC 40				
1977	.5	-	-	-
1978	.5	-	-	-
1979	.6	-	-	-
1980	.6	-	-	-
1981	.7	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
LAS VEGAS (Con.)				
TRANSPORTATION BY AIR — SIC 45				
1977	2.1	-	-	-
1978	2.4	-	-	-
1979	2.7	-	-	-
1980	2.6	-	-	-
1981	2.6	-	-	-
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	4.3	-	-	-
1978	4.5	-	-	-
1979	4.9	-	-	-
1980	5.5	-	-	-
1981	5.9	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	34.1	-	-	-
1978	39.1	-	-	-
1979	43.4	-	-	-
1980	45.8	-	-	-
1981	48.6	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	4.4	264.81	39.0	6.79
1978	5.4	281.26	41.0	6.86
1979	6.0	260.98	35.8	7.29
1980	6.2	300.66	38.3	7.85
1981	6.5	326.61	38.2	8.55
RETAIL TRADE — SIC 52-59				
1977	29.7	140.74	31.0	4.54
1978	33.7	153.92	30.6	5.03
1979	37.4	162.48	30.2	5.38
1980	39.6	174.33	29.8	5.85
1981	42.1	185.36	31.1	5.96
GENERAL MERCHANDISE, APPAREL AND ACCESSORY STORES — SIC 53,56				
1977	5.4	-	-	-
1978	6.3	-	-	-
1979	7.1	-	-	-
1980	7.6	-	-	-
1981	8.1	-	-	-
EATING AND DRINKING PLACES — SIC 58				
1977	9.6	-	-	-
1978	11.3	-	-	-
1979	12.6	-	-	-
1980	13.2	-	-	-
1981	14.2	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	6.7	-	-	-
1978	7.7	-	-	-
1979	9.6	-	-	-
1980	10.3	-	-	-
1981	10.5	-	-	-
FINANCE — SIC 60-62				
1977	3.0	-	-	-
1978	3.4	-	-	-
1979	3.9	-	-	-
1980	4.1	-	-	-
1981	4.6	-	-	-
SERVICES				
1977	78.9	-	-	-
1978	87.2	-	-	-
1979	97.4	-	-	-
1980	104.5	-	-	-
1981	107.6	-	-	-
HOTELS, AND AMUSEMENTS, EXCEPT MOTION PICTURES — SIC 70,79				
1977	53.4	-	-	-
1978	58.9	-	-	-
1979	66.4	-	-	-
1980	69.9	-	-	-
1981	70.6	-	-	-

See footnotes at end of tables.

NEVADA

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
LAS VEGAS (Con.)				
PERSONAL SERVICES — SIC 72				
1977	2.7	-	-	-
1978	2.9	-	-	-
1979	3.0	-	-	-
1980	3.2	-	-	-
1981	3.2	-	-	-
BUSINESS SERVICES — SIC 73				
1977	8.1	-	-	-
1978	9.1	-	-	-
1979	10.1	-	-	-
1980	11.3	-	-	-
1981	12.2	-	-	-
GOVERNMENT				
1977	21.9	-	-	-
1978	23.4	-	-	-
1979	24.7	-	-	-
1980	25.9	-	-	-
1981	26.4	-	-	-
FEDERAL GOVERNMENT				
1977	4.5	-	-	-
1978	4.5	-	-	-
1979	4.5	-	-	-
1980	4.8	-	-	-
1981	4.7	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	17.4	-	-	-
1978	18.9	-	-	-
1979	20.2	-	-	-
1980	21.1	-	-	-
1981	21.7	-	-	-
STATE AND LOCAL EDUCATION — SIC 82,941				
1977	8.5	-	-	-
1978	9.0	-	-	-
1979	9.6	-	-	-
1980	9.7	-	-	-
1981	9.7	-	-	-
RENO				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	89.1	-	-	-
1978	104.0	-	-	-
1979	113.7	-	-	-
1980	114.4	-	-	-
1981	115.4	-	-	-
MINING				
1977	.6	-	-	-
1978	.6	-	-	-
1979	.8	-	-	-
1980	1.0	-	-	-
1981	.8	-	-	-
CONSTRUCTION				
1977	6.6	-	-	-
1978	8.2	-	-	-
1979	7.8	-	-	-
1980	7.2	-	-	-
1981	6.4	-	-	-
MANUFACTURING				
1977	6.8	-	-	-
1978	7.9	-	-	-
1979	8.4	-	-	-
1980	8.1	-	-	-
1981	8.5	-	-	-
DURABLE GOODS				
1977	4.4	-	-	-
1978	5.3	-	-	-
1979	5.6	-	-	-
1980	5.4	-	-	-
1981	5.8	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
RENO (Con.)				
NONDURABLE GOODS				
1977	2.4	-	-	-
1978	2.6	-	-	-
1979	2.8	-	-	-
1980	2.7	-	-	-
1981	2.7	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	5.9	-	-	-
1978	6.7	-	-	-
1979	7.9	-	-	-
1980	8.1	-	-	-
1981	8.1	-	-	-
TRANSPORTATION — SIC 40-42,44-47				
1977	2.8	-	-	-
1978	3.2	-	-	-
1979	3.7	-	-	-
1980	3.8	-	-	-
1981	3.7	-	-	-
RAILROAD TRANSPORTATION — SIC 40				
1977	.5	-	-	-
1978	.5	-	-	-
1979	.5	-	-	-
1980	.5	-	-	-
1981	.5	-	-	-
TRANSPORTATION, EXCEPT RAILROADS — SIC 41,42,44-47				
1977	2.3	-	-	-
1978	2.7	-	-	-
1979	3.2	-	-	-
1980	3.3	-	-	-
1981	3.2	-	-	-
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	3.1	-	-	-
1978	3.5	-	-	-
1979	4.2	-	-	-
1980	4.3	-	-	-
1981	4.4	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	19.0	-	-	-
1978	21.6	-	-	-
1979	24.5	-	-	-
1980	24.6	-	-	-
1981	25.6	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	4.8	-	-	-
1978	5.2	-	-	-
1979	5.7	-	-	-
1980	5.9	-	-	-
1981	6.5	-	-	-
RETAIL TRADE — SIC 52-59				
1977	14.2	-	-	-
1978	16.4	-	-	-
1979	18.8	-	-	-
1980	18.7	-	-	-
1981	19.1	-	-	-
GENERAL MERCHANDISE, APPAREL AND ACCESSORY STORES — SIC 53,56				
1977	3.0	-	-	-
1978	3.6	-	-	-
1979	5.4	-	-	-
1980	5.1	-	-	-
1981	5.0	-	-	-
EATING AND DRINKING PLACES — SIC 58				
1977	4.0	-	-	-
1978	4.8	-	-	-
1979	5.0	-	-	-
1980	5.0	-	-	-
1981	5.6	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
RENO (Con.)				
FINANCE, INSURANCE, AND REAL ESTATE				
1977	4.8	-	-	-
1978	5.4	-	-	-
1979	5.9	-	-	-
1980	6.1	-	-	-
1981	6.1	-	-	-
SERVICES				
1977	31.6	-	-	-
1978	39.1	-	-	-
1979	43.1	-	-	-
1980	43.2	-	-	-
1981	43.9	-	-	-
HOTELS, AND AMUSEMENTS, EXCEPT MOTION PICTURES — SIC 70,79				
1977	20.3	-	-	-
1978	27.0	-	-	-
1979	29.5	-	-	-
1980	28.6	-	-	-
1981	28.5	-	-	-
PERSONAL SERVICES — SIC 72				
1977	1.0	-	-	-
1978	1.3	-	-	-
1979	1.3	-	-	-
1980	1.4	-	-	-
1981	1.5	-	-	-
GOVERNMENT				
1977	13.8	-	-	-
1978	14.5	-	-	-
1979	15.3	-	-	-
1980	16.1	-	-	-
1981	16.0	-	-	-
FEDERAL GOVERNMENT				
1977	2.4	-	-	-
1978	2.4	-	-	-
1979	2.6	-	-	-
1980	2.7	-	-	-
1981	2.5	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	11.4	-	-	-
1978	12.1	-	-	-
1979	12.7	-	-	-
1980	13.4	-	-	-
1981	13.5	-	-	-
STATE AND LOCAL EDUCATION — SIC 82,941				
1977	5.6	-	-	-
1978	5.7	-	-	-
1979	5.9	-	-	-
1980	6.3	-	-	-
1981	6.2	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	337.1	-	-	-
1978	359.6	-	-	-
1979	[1] 378.5	-	-	-
1980	385.4	-	-	-
1981	394.2	-	-	-
CONSTRUCTION AND MINING				
1980	19.8	-	-	-
1981	20.5	-	-	-
MANUFACTURING				
1977	101.4	182.40	40.0	4.56
1978	109.8	199.08	40.3	4.94
1979	116.5	215.34	40.1	5.37
1980	116.6	[1] 233.63	[1] 39.8	[1] 5.87
1981	116.4	255.76	39.9	6.41
DURABLE GOODS				
1977	57.6	190.94	40.8	4.68
1978	64.4	206.86	40.8	5.07
1979	71.0	220.73	40.5	5.45
1980	74.2	[1] 238.80	[1] 40.0	[1] 5.97
1981	74.7	264.37	40.1	6.56
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	4.8	165.85	39.3	4.22
1978	5.2	177.30	39.4	4.50
1979	5.3	182.11	38.5	4.73
1980	4.7	[1] 189.86	[1] 37.3	[1] 5.09
1981	4.9	205.67	39.1	5.26
FURNITURE AND FIXTURES — SIC 25				
1977	1.9	159.92	39.1	4.09
1978	2.0	175.52	39.8	4.41
1979	1.9	195.82	39.8	4.92
1980	1.9	[1] 203.94	[1] 39.6	[1] 5.15
1981	1.7	231.28	39.2	5.90
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	2.5	209.23	42.7	4.90
1978	2.8	220.60	42.1	5.24
1979	3.0	207.48	39.0	5.32
1980	2.9	[1] 233.04	[1] 40.6	[1] 5.74
1981	3.0	245.62	40.8	6.02
PRIMARY METAL INDUSTRIES — SIC 33				
1977	2.5	189.84	42.0	4.52
1978	2.8	214.28	42.6	5.03
1979	3.3	247.95	45.0	5.51
1980	3.9	[1] 262.30	[1] 43.0	[1] 6.10
1981	4.0	291.89	43.5	6.71
FABRICATED METAL PRODUCTS — SIC 34				
1977	5.8	184.92	40.2	4.60
1978	6.6	202.10	40.5	4.99
1979	7.3	224.27	41.0	5.47
1980	7.6	[1] 242.17	[1] 40.7	[1] 5.95
1981	7.5	256.61	39.6	6.48
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	16.0	211.30	43.3	4.88
1978	18.9	226.53	42.5	5.33
1979	21.2	244.95	42.6	5.75
1980	23.3	[1] 258.34	[1] 41.6	[1] 6.21
1981	24.3	286.90	41.7	6.88

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	15.5	189.37	39.7	4.77
1978	16.6	202.47	39.7	5.10
1979	18.6	212.07	39.2	5.41
1980	19.6	[1] 231.84	[1] 38.9	[1] 5.96
1981	19.2	262.55	39.6	6.63
MISC. MANUFACTURING INDUSTRIES — SIC 39				
1977	1.7	142.88	37.8	3.78
1978	1.9	156.26	38.3	4.08
1979	2.0	170.40	37.7	4.52
1980	2.0	[1] 184.03	[1] 38.5	[1] 4.78
1981	2.0	204.66	37.9	5.40
NONDURABLE GOODS				
1977	43.8	172.04	39.1	4.40
1978	45.4	188.50	39.6	4.76
1979	45.5	207.90	39.6	5.25
1980	42.4	[1] 224.01	[1] 39.3	[1] 5.70
1981	41.7	241.70	39.3	6.15
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	3.2	223.00	43.3	5.15
1978	3.2	244.67	42.7	5.73
1979	3.1	272.61	42.2	6.46
1980	3.0	[1] 300.66	[1] 41.3	[1] 7.28
1981	2.9	327.20	40.9	8.00
TEXTILE MILL PRODUCTS — SIC 22				
1977	5.0	150.90	39.4	3.83
1978	5.4	165.59	39.9	4.15
1979	5.3	180.58	39.6	4.56
1980	4.5	[1] 193.72	[1] 38.9	[1] 4.98
1981	4.4	223.16	40.5	5.51
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	3.3	135.37	38.9	3.48
1978	3.1	146.67	38.7	3.79
1979	2.8	153.41	37.6	4.08
1980	2.8	[1] 162.80	[1] 37.0	[1] 4.40
1981	2.8	176.70	38.0	4.65
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	6.2	220.59	40.7	5.42
1978	6.1	271.86	46.0	5.91
1979	6.4	302.21	47.0	6.43
1980	6.2	[1] 319.24	[1] 46.0	[1] 6.94
1981	5.8	339.30	45.3	7.49
PRINTING AND PUBLISHING — SIC 27				
1977	5.1	218.34	39.2	5.57
1978	5.5	216.96	38.4	5.65
1979	6.0	223.29	38.3	5.83
1980	6.2	[1] 251.93	[1] 39.8	[1] 6.33
1981	6.3	254.13	38.1	6.67
LEATHER AND LEATHER PRODUCTS — SIC 31				
1977	11.0	127.75	36.5	3.50
1978	11.2	139.80	36.5	3.83
1979	10.2	152.93	35.9	4.26
1980	9.6	[1] 160.72	[1] 35.4	[1] 4.54
1981	9.4	175.23	35.4	4.95
FOOTWEAR, EXCEPT RUBBER — SIC 314				
1977	9.3	118.17	35.7	3.31
1978	9.4	130.68	35.9	3.64
1979	8.6	145.25	35.6	4.08
1980	8.1	[1] 151.98	[1] 35.1	[1] 4.33
1981	8.0	164.50	35.0	4.70

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
TRANSPORTATION AND PUBLIC UTILITIES				
1977	12.3	-	-	-
1978	13.0	-	-	-
1979	13.6	-	-	-
1980	14.0	-	-	-
1981	14.4	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	73.7	-	-	-
1978	80.2	-	-	-
1979	83.9	-	-	-
1980	85.5	-	-	-
1981	89.2	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	16.2	-	-	-
1978	17.4	-	-	-
1979	18.9	-	-	-
1980	19.8	-	-	-
1981	20.6	-	-	-
SERVICES				
1977	62.3	-	-	-
1978	65.7	-	-	-
1979	[1] 69.2	-	-	-
1980	72.4	-	-	-
1981	76.6	-	-	-
GOVERNMENT				
1977	[1] 53.8	-	-	-
1978	54.3	-	-	-
1979	[1] 55.1	-	-	-
1980	57.3	-	-	-
1981	56.5	-	-	-
FEDERAL GOVERNMENT				
1977	6.9	-	-	-
1978	7.0	-	-	-
1979	7.0	-	-	-
1980	7.4	-	-	-
1981	7.0	-	-	-
STATE GOVERNMENT				
1977	15.1	-	-	-
1978	15.1	-	-	-
1979	[1] 15.3	-	-	-
1980	16.0	-	-	-
1981	16.0	-	-	-
LOCAL GOVERNMENT				
1977	[1] 31.8	-	-	-
1978	32.2	-	-	-
1979	[1] 32.8	-	-	-
1980	33.9	-	-	-
1981	33.5	-	-	-
MANCHESTER				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	66.5	-	-	-
1978	72.4	-	-	-
1979	74.7	-	-	-
1980	74.0	-	-	-
1981	74.7	-	-	-
CONSTRUCTION AND MINING				
1977	3.4	-	-	-
1978	3.3	-	-	-
1979	3.6	-	-	-

See footnotes at end of tables.

NEW HAMPSHIRE

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Production or nonsupervisory workers: Average weekly hours	Production or nonsupervisory workers: Average hourly earnings (dollars)
MANCHESTER (Con.)				
CONSTRUCTION AND MINING (Con.)				
1980	3.3	–	–	–
1981	3.1	–	–	–
MANUFACTURING				
1977	18.1	163.86	39.2	4.18
1978	18.9	175.95	39.1	4.50
1979	18.8	197.06	39.1	5.04
1980	17.5	[1] 218.12	[1] 39.3	[1] 5.55
1981	17.0	236.34	39.0	6.06
DURABLE GOODS				
1977	8.5	172.83	40.1	4.31
1978	9.0	184.86	39.5	4.68
1979	9.5	207.24	39.4	5.26
1980	9.5	[1] 220.52	[1] 39.1	[1] 5.64
1981	9.2	243.51	38.9	6.26
MACHINERY — SIC 35,36				
1977	5.2	174.22	40.8	4.27
1978	5.5	182.28	39.8	4.58
1979	6.0	208.03	39.4	5.28
1980	5.8	[1] 227.08	[1] 39.7	[1] 5.72
1981	5.7	248.06	39.5	6.28
NONDURABLE GOODS				
1977	9.6	156.29	38.4	4.07
1978	9.9	169.22	38.9	4.35
1979	9.3	187.02	38.8	4.82
1980	8.0	[1] 214.49	[1] 39.5	[1] 5.43
1981	7.8	228.34	39.1	5.84
TEXTILES, AND APPAREL — SIC 22,23				
1977	2.8	141.64	38.7	3.66
1978	2.9	160.38	39.6	4.05
1979	2.5	172.22	38.7	4.45
1980	2.1	[1] 186.73	[1] 38.5	[1] 4.85
1981	2.0	202.51	38.5	5.26
TRANSPORTATION AND PUBLIC UTILITIES				
1977	4.1	–	–	–
1978	4.6	–	–	–
1979	4.6	–	–	–
1980	4.7	–	–	–
1981	4.8	–	–	–
WHOLESALE AND RETAIL TRADE				
1977	16.6	–	–	–
1978	18.7	–	–	–
1979	19.0	–	–	–
1980	18.9	–	–	–
1981	19.8	–	–	–
FINANCE, INSURANCE, AND REAL ESTATE				
1977	4.7	–	–	–
1978	5.6	–	–	–
1979	6.1	–	–	–
1980	6.1	–	–	–
1981	6.2	–	–	–
SERVICES				
1977	12.0	–	–	–
1978	13.2	–	–	–
1979	14.3	–	–	–
1980	14.9	–	–	–
1981	15.4	–	–	–
GOVERNMENT				
1977	7.6	–	–	–
1978	8.1	–	–	–
1979	8.3	–	–	–
1980	8.6	–	–	–
1981	8.4	–	–	–
FEDERAL GOVERNMENT				
1977	1.5	–	–	–
1978	1.9	–	–	–
1979	1.8	–	–	–
1980	2.0	–	–	–
1981	1.9	–	–	–
STATE GOVERNMENT				
1977	.8	–	–	–
1978	.8	–	–	–
1979	.9	–	–	–
1980	.9	–	–	–
1981	1.0	–	–	–
LOCAL GOVERNMENT				
1977	5.3	–	–	–
1978	5.4	–	–	–
1979	5.6	–	–	–
1980	5.7	–	–	–
1981	5.5	–	–	–
NASHUA				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	52.0	–	–	–
1978	55.4	–	–	–
1979	[1] 60.4	–	–	–
1980	64.0	–	–	–
1981	67.2	–	–	–
CONSTRUCTION AND MINING				
1977	2.5	–	–	–
1978	2.6	–	–	–
1979	2.7	–	–	–
1980	2.6	–	–	–
1981	2.6	–	–	–
MANUFACTURING				
1977	23.2	206.00	41.2	5.00
1978	24.9	222.19	41.3	5.38
1979	28.0	248.17	41.5	5.98
1980	30.2	[1] 260.18	[1] 40.4	[1] 6.44
1981	31.2	283.69	39.9	7.11
DURABLE GOODS				
1977	16.5	216.94	41.8	5.19
1978	18.0	231.29	41.9	5.52
1979	20.5	253.86	42.1	6.03
1980	22.4	[1] 264.86	[1] 41.0	[1] 6.46
1981	23.8	290.79	40.5	7.18
MACHINERY — SIC 35,36				
1977	11.5	236.74	42.2	5.61
1978	12.6	250.14	41.9	5.97
1979	14.3	277.49	42.3	6.56
1980	16.0	[1] 287.70	[1] 41.1	[1] 7.00
1981	17.4	316.20	40.8	7.75
NONDURABLE GOODS				
1977	6.7	182.46	40.1	4.55
1978	6.9	201.10	39.9	5.04
1979	7.5	234.59	40.1	5.85
1980	7.8	[1] 245.50	[1] 38.6	[1] 6.36
1981	7.4	262.89	38.1	6.90
TRANSPORTATION AND PUBLIC UTILITIES				
1977	1.7	–	–	–
1978	1.8	–	–	–
1979	1.9	–	–	–
1980	1.9	–	–	–
1981	2.1	–	–	–
WHOLESALE AND RETAIL TRADE				
1977	10.2	–	–	–
1978	11.0	–	–	–
1979	11.9	–	–	–
1980	12.3	–	–	–
1981	13.5	–	–	–
NASHUA (Con.)				
FINANCE, INSURANCE, AND REAL ESTATE				
1977	1.6	–	–	–
1978	1.7	–	–	–
1979	1.8	–	–	–
1980	2.0	–	–	–
1981	2.0	–	–	–
SERVICES				
1977	7.4	–	–	–
1978	7.9	–	–	–
1979	[1] 8.5	–	–	–
1980	9.4	–	–	–
1981	10.3	–	–	–
GOVERNMENT				
1977	5.4	–	–	–
1978	5.5	–	–	–
1979	5.6	–	–	–
1980	5.6	–	–	–
1981	5.5	–	–	–
FEDERAL GOVERNMENT				
1977	.9	–	–	–
1978	.9	–	–	–
1979	1.0	–	–	–
1980	.9	–	–	–
1981	.9	–	–	–
STATE GOVERNMENT				
1977	.2	–	–	–
1978	.2	–	–	–
1979	.2	–	–	–
1980	.3	–	–	–
1981	.2	–	–	–
LOCAL GOVERNMENT				
1977	4.3	–	–	–
1978	4.4	–	–	–
1979	4.4	–	–	–
1980	4.4	–	–	–
1981	4.4	–	–	–

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE[1]				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	2,836.9	-	-	-
1978	2,962.4	-	-	-
1979	3,027.2	-	-	-
1980	3,058.0	-	-	-
1981	3,085.9	-	-	-
MINING				
1977	2.9	-	-	-
1978	2.6	-	-	-
1979	2.6	-	-	-
1980	2.4	-	-	-
1981	2.4	-	-	-
CONSTRUCTION				
1977	94.5	-	-	-
1978	105.3	-	-	-
1979	113.7	-	-	-
1980	111.2	-	-	-
1981	109.2	-	-	-
MANUFACTURING				
1977	767.3	239.20	41.1	5.82
1978	786.8	256.22	40.8	6.28
1979	799.1	276.45	41.2	6.71
1980	780.8	295.57	40.6	7.28
1981	771.0	322.08	40.7	7.91
DURABLE GOODS				
1977	370.0	248.53	41.7	5.96
1978	382.8	263.45	41.1	6.41
1979	395.9	285.34	41.9	6.81
1980	384.0	304.22	41.0	7.42
1981	374.6	332.10	41.1	8.09
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	5.8	-	-	-
1978	6.0	175.95	39.1	4.50
1979	6.7	192.56	38.9	4.95
1980	5.9	185.56	34.3	5.41
1981	6.0	195.96	32.9	5.95
FURNITURE AND FIXTURES — SIC 25				
1977	8.9	-	-	-
1978	10.0	-	-	-
1979	10.3	199.14	39.2	5.08
1980	9.7	215.64	37.7	5.72
1981	9.5	226.06	36.9	6.12
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	35.1	248.20	42.5	5.84
1978	35.2	270.05	42.6	6.34
1979	35.3	287.51	43.3	6.64
1980	33.1	314.42	41.7	7.54
1981	31.3	351.29	41.7	8.42
GLASS AND GLASSWARE, PRESSED OR BLOWN — SIC 322				
1977	14.6	248.01	41.7	5.95
1978	13.9	269.96	41.2	6.55
1979	13.5	298.42	43.0	6.94
1980	12.3	328.36	42.7	7.69
1981	12.1	367.99	43.3	8.50
POTTERY AND RELATED PRODUCTS — SIC 326				
1977	3.8	203.19	39.4	5.15
1978	4.2	215.77	40.8	5.28
1979	4.4	241.25	38.6	6.25
1980	4.2	273.02	38.4	7.11
1981	4.0	278.57	36.4	7.64

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE[1] (Con.)				
PRIMARY METAL INDUSTRIES — SIC 33				
1977	23.0	263.06	43.2	6.09
1978	24.5	290.48	44.1	6.59
1979	25.5	307.82	43.6	7.06
1980	25.7	322.15	43.3	7.44
1981	25.5	351.49	44.0	8.00
BLAST FURNACE AND BASIC STEEL PRODUCTS — SIC 331				
1977	3.2	259.60	40.1	6.47
1978	3.3	285.41	40.6	7.03
1979	3.3	342.30	42.0	8.15
1980	3.6	378.90	42.1	9.00
1981	4.4	435.82	45.2	9.63
IRON AND STEEL FOUNDRIES — SIC 332				
1977	3.4	227.09	41.8	5.43
1978	3.6	249.69	43.0	5.80
1979	3.8	274.09	43.3	6.33
1980	3.7	300.67	43.2	6.96
1981	3.3	328.11	43.1	7.61
NONFERROUS METALS — SIC 333,4				
1977	3.5	337.74	44.8	7.53
1978	3.6	410.37	47.6	8.62
1979	3.6	409.49	44.9	9.12
1980	3.3	438.13	44.3	9.89
1981	3.3	464.47	43.9	10.58
NONFERROUS ROLLING AND DRAWING — SIC 335				
1977	9.1	256.50	44.3	5.79
1978	9.6	269.72	44.0	6.13
1979	10.1	291.48	44.5	6.55
1980	10.1	296.96	43.8	6.78
1981	9.7	318.39	44.5	7.16
FABRICATED METAL PRODUCTS — SIC 34				
1977	61.1	249.23	41.4	6.02
1978	64.1	260.90	40.2	6.49
1979	64.5	286.49	41.4	6.92
1980	60.8	301.25	40.6	7.42
1981	58.0	326.73	40.6	8.04
METAL CANS AND SHIPPING CONTAINERS — SIC 341				
1977	7.2	288.77	43.1	6.70
1978	6.9	337.36	43.1	7.40
1979	6.6	366.99	44.7	8.21
1980	6.3	340.35	39.9	8.53
1981	6.1	354.79	39.8	8.90
CUTLERY, HAND TOOLS, AND HARDWARE — SIC 342				
1977	8.4	294.06	41.3	7.12
1978	8.9	303.71	39.7	7.65
1979	8.9	332.99	39.5	8.43
1980	7.2	358.68	39.2	9.15
1981	7.2	404.78	40.0	10.13
FABRICATED STRUCTURAL METAL PRODUCTS — SIC 344				
1977	12.9	255.59	41.9	6.10
1978	14.3	267.32	41.0	6.52
1979	14.7	275.22	41.2	6.68
1980	14.1	289.68	40.8	7.10
1981	13.2	312.57	40.3	7.76
METAL FORGINGS AND STAMPINGS — SIC 346				
1977	7.2	218.95	40.1	5.46
1978	7.5	235.57	40.5	33.28
1979	7.6	255.84	41.0	6.24
1980	7.5	278.69	39.7	7.02
1981	7.3	308.30	39.3	7.85

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE[1] (Con.)				
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	71.0	259.27	42.2	6.14
1978	74.2	278.84	42.0	6.63
1979	76.4	313.02	42.3	7.40
1980	75.1	344.80	42.1	8.19
1981	72.6	385.46	42.0	9.18
CONSTRUCTION AND RELATED MACHINERY — SIC 353				
1977	5.5	257.67	40.2	6.41
1978	5.8	303.80	42.0	7.22
1979	6.1	308.43	41.4	7.45
1980	5.9	352.80	41.9	8.42
1981	5.5	407.92	40.1	10.17
METALWORKING MACHINERY — SIC 354				
1977	9.9	251.71	41.4	6.08
1978	9.9	282.96	43.2	6.55
1979	9.9	307.38	43.6	7.05
1980	9.6	338.17	43.3	7.81
1981	9.4	366.95	42.8	8.58
SPECIAL INDUSTRY MACHINERY — SIC 355				
1977	10.0	264.60	42.0	6.30
1978	10.3	300.91	43.8	6.87
1979	10.9	334.02	44.3	7.54
1980	10.9	359.27	44.3	8.11
1981	9.8	390.21	45.0	8.67
GENERAL INDUSTRIAL MACHINERY — SIC 356				
1977	17.1	308.60	43.1	7.16
1978	18.0	322.60	41.2	7.83
1979	17.9	348.96	41.2	8.47
1980	17.5	384.80	41.6	9.25
1981	16.9	438.67	42.1	10.42
REFRIGERATION AND SERVICE MACHINERY — SIC 358				
1977	7.8	235.01	40.8	5.76
1978	7.7	235.42	39.5	5.96
1979	7.8	246.53	38.4	6.42
1980	7.0	267.57	37.9	7.06
1981	7.4	291.71	37.2	7.84
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	87.9	237.54	41.6	5.71
1978	89.8	242.20	40.3	6.01
1979	92.9	266.09	41.0	6.49
1980	91.9	275.60	40.0	6.89
1981	90.3	294.44	40.4	7.29
ELECTRIC DISTRIBUTING EQUIPMENT — SIC 361				
1977	5.5	-	-	-
1978	5.9	189.41	40.3	4.70
1979	5.5	210.41	41.5	5.07
1980	5.0	238.41	41.9	5.69
1981	5.1	281.06	43.6	6.45
ELECTRICAL INDUSTRIAL APPARATUS — SIC 362				
1977	5.8	-	-	-
1978	5.8	207.90	38.5	5.40
1979	5.8	232.43	39.8	5.84
1980	5.9	246.09	39.0	6.31
1981	5.9	258.42	37.7	6.86
ELECTRIC LIGHTING AND WIRING EQUIPMENT — SIC 364				
1977	14.3	-	-	-
1978	13.9	196.31	39.9	4.92
1979	14.4	212.40	40.0	5.31
1980	13.1	226.76	39.3	5.77
1981	12.7	240.81	39.4	6.11

See footnotes at end of tables.

NEW JERSEY

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE[1] (Con.)				
RADIO AND TV RECEIVING EQUIPMENT — SIC 365				
1977	5.2	201.13	41.3	4.87
1978	5.5	207.03	40.2	5.15
1979	5.2	204.75	39.0	5.25
1980	4.8	215.26	36.3	5.93
1981	4.7	231.75	35.3	6.56
COMMUNICATION EQUIPMENT — SIC 366				
1977	32.9	300.77	41.6	7.23
1978	33.3	310.84	40.9	7.60
1979	34.2	352.77	42.4	8.32
1980	34.8	369.29	41.4	8.92
1981	35.1	388.80	43.2	9.00
ELECTRONIC COMPONENTS AND ACCESSORIES — SIC 367				
1977	15.2	–	–	–
1978	16.5	–	–	–
1979	19.1	217.88	40.2	5.42
1980	20.0	235.35	40.3	5.84
1981	19.4	255.96	39.6	6.46
TRANSPORTATION EQUIPMENT — SIC 37				
1977	20.7	345.16	43.8	7.88
1978	20.9	351.85	42.7	8.24
1979	21.6	396.47	44.9	8.83
1980	18.5	436.00	43.6	10.00
1981	17.5	468.68	42.2	11.11
MOTOR VEHICLES AND EQUIPMENT — SIC 371				
1977	14.9	363.64	44.4	8.19
1978	15.2	377.57	43.7	8.64
1979	15.4	429.18	46.0	9.33
1980	12.6	478.95	43.7	10.96
1981	11.6	495.13	42.0	11.79
AIRCRAFT AND PARTS — SIC 372				
1977	2.2	–	–	–
1978	2.6	301.46	42.7	7.06
1979	2.8	338.55	44.9	7.54
1980	2.9	389.87	47.2	8.26
1981	3.0	465.75	50.0	9.32
SHIP AND BOAT BUILDING AND REPAIRING — SIC 373				
1977	3.0	–	–	–
1978	2.7	–	–	–
1979	2.9	308.33	40.2	7.67
1980	2.5	375.58	41.5	9.05
1981	2.5	347.18	37.6	9.24
INSTRUMENTS AND RELATED PRODUCTS — SIC 38				
1977	32.0	251.51	42.2	5.96
1978	32.3	271.32	40.6	6.46
1979	35.6	288.49	42.3	6.82
1980	37.2	317.01	42.1	7.53
1981	37.9	343.92	42.1	8.16
MISC. MANUFACTURING INDUSTRIES — SIC 39				
1977	24.5	169.56	38.8	4.37
1978	25.7	186.20	39.2	4.75
1979	27.1	200.77	39.6	5.07
1980	26.1	222.44	39.3	5.66
1981	25.1	244.41	39.9	6.13
NONDURABLE GOODS				
1977	397.3	231.83	40.6	5.71
1978	404.0	248.06	40.4	6.14
1979	403.3	267.71	40.5	6.61
1980	396.8	287.03	40.2	7.14
1981	396.4	312.23	40.4	7.72
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	50.2	247.20	41.2	6.00
1978	49.9	264.68	41.1	6.44
1979	49.5	289.05	41.0	7.05
1980	49.3	308.51	40.7	7.58
1981	48.2	338.39	41.2	8.21

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE[1] (Con.)				
PRESERVED FRUITS AND VEGETABLES — SIC 203				
1977	10.0	223.86	41.0	5.46
1978	10.1	249.64	41.4	6.03
1979	10.2	260.12	40.9	6.36
1980	10.3	281.37	41.5	6.78
1981	10.3	293.82	40.7	7.22
GRAIN MILL, AND BAKERY PRODUCTS — SIC 204,5				
1977	13.8	222.91	41.9	5.32
1978	13.9	230.68	40.9	5.64
1979	13.7	248.06	40.8	6.08
1980	13.4	268.71	40.9	6.57
1981	12.6	287.97	40.9	7.03
BEVERAGES — SIC 208				
1977	7.2	–	–	–
1978	6.7	348.33	34.9	3.99
1979	6.7	387.66	39.0	9.94
1980	6.5	375.90	35.8	10.50
1981	6.6	428.92	38.4	11.17
TOBACCO MANUFACTURES — SIC 21				
1977	.3	–	–	–
1978	.5	–	–	–
1979	.4	–	–	–
1980	.4	–	–	–
1981	.3	–	–	–
TEXTILE MILL PRODUCTS — SIC 22				
1977	22.8	–	–	–
1978	22.4	211.97	41.0	5.17
1979	21.5	227.28	41.1	5.53
1980	20.2	247.16	41.4	5.97
1981	19.0	271.67	41.9	6.49
WEAVING MILLS, COTTON, SYNTHETICS, AND WOOL — SIC 221-3				
1977	2.1	–	–	–
1978	2.1	–	–	–
1979	2.0	–	–	–
1980	1.7	–	–	–
1981	1.3	–	–	–
TEXTILE FINISHING, EXCEPT WOOL — SIC 226				
1977	6.5	–	–	–
1978	6.6	269.25	45.1	5.97
1979	6.3	285.09	44.2	6.45
1980	5.8	332.04	46.7	7.11
1981	5.5	356.54	45.9	7.76
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	59.7	–	–	–
1978	59.3	152.68	34.7	4.40
1979	56.5	163.09	34.7	4.70
1980	55.7	171.68	34.2	5.02
1981	56.4	182.40	34.4	5.30
MEN'S AND BOYS' SUITS AND COATS — SIC 231				
1977	4.5	–	–	–
1978	4.0	169.36	36.5	4.64
1979	3.5	170.69	33.8	5.05
1980	3.5	196.72	33.8	5.82
1981	3.3	209.77	36.7	5.72
MEN'S AND BOYS' FURNISHINGS — SIC 232				
1977	5.0	–	–	–
1978	4.9	154.75	37.2	4.16
1979	4.5	164.42	36.7	4.48
1980	4.4	174.58	36.6	4.77
1981	4.5	184.78	36.1	5.12
WOMEN'S, MISSES', AND CHILDREN'S OUTERWEAR — SIC 233.6				
1977	30.7	–	–	–
1978	31.2	144.77	32.1	4.51
1979	30.5	153.76	32.1	4.79
1980	29.1	162.30	31.7	5.12
1981	28.8	172.03	31.8	5.42

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE[1] (Con.)				
WOMEN'S AND CHILDREN'S UNDERGARMENTS — SIC 234				
1977	3.9	–	–	–
1978	3.9	148.75	35.0	4.25
1979	3.9	157.97	33.9	4.66
1980	3.8	170.18	33.9	5.02
1981	4.3	181.23	33.3	5.44
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	33.4	–	–	–
1978	33.7	260.78	45.5	5.90
1979	33.9	286.38	44.4	6.45
1980	32.3	308.91	44.9	6.88
1981	31.2	344.59	46.0	7.49
PAPER, AND PAPERBOARD MILLS, EXCEPT BUILDING PAPER AND BOARD — SIC 262,3				
1977	3.7	–	–	–
1978	3.7	326.87	47.1	6.94
1979	3.6	351.47	46.8	7.5
1980	3.2	395.11	48.9	8.0
1981	2.7	438.09	51.5	8.5
PAPERBOARD CONTAINERS AND BOXES — SIC 265				
1977	13.3	–	–	–
1978	12.8	246.64	44.2	5.5
1979	13.2	270.45	45.0	6.0
1980	13.3	286.84	45.1	6.3
1981	13.0	314.51	45.4	6.9
PRINTING AND PUBLISHING — SIC 27				
1977	49.7	–	–	–
1978	51.7	254.65	38.7	6.5
1979	54.3	272.83	39.2	6.9
1980	55.4	286.87	38.3	7.4
1981	57.5	295.23	37.6	7.8
NEWSPAPERS — SIC 271				
1977	14.2	–	–	–
1978	14.2	–	–	–
1979	15.5	266.35	35.0	7.6
1980	15.1	272.39	33.3	8.1
1981	15.4	285.85	32.7	8.7
COMMERCIAL PRINTING — SIC 275				
1977	12.9	–	–	–
1978	14.5	–	–	–
1979	15.2	314.29	41.3	7.6
1980	15.7	316.81	39.9	7.9
1981	16.7	306.19	37.8	8.1
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	127.2	294.37	43.1	6.8
1978	130.0	312.68	42.6	7.3
1979	129.6	338.55	42.8	7.9
1980	128.2	355.73	42.5	8.3
1981	129.0	397.80	43.0	9.2
INDUSTRIAL INORGANIC CHEMICALS — SIC 281				
1977	10.7	303.79	43.9	6.9
1978	10.9	325.57	43.7	7.4
1979	11.2	368.70	44.8	8.2
1980	11.6	394.20	43.8	9.0
1981	11.2	423.61	44.0	9.6
PLASTICS MATERIALS AND SYNTHETICS — SIC 282				
1977	9.4	297.77	45.6	6.5
1978	8.7	311.75	44.6	6.9
1979	8.4	337.81	44.1	7.6
1980	8.7	362.68	44.5	8.1
1981	8.8	397.72	44.9	8.8
DRUGS — SIC 283				
1977	39.3	297.25	44.3	6.7
1978	40.3	313.34	43.1	7.2
1979	41.2	336.59	43.6	7.7
1980	41.0	363.72	43.3	8.4
1981	42.1	408.56	43.5	9.3

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE[1] (Con.)				
SOAP, CLEANERS, AND TOILET GOODS — SIC 284				
1977	22.9	256.06	41.5	6.17
1978	24.4	281.40	42.0	6.70
1979	24.0	288.23	41.0	7.03
1980	24.1	284.80	40.0	7.12
1981	24.8	287.51	38.1	7.54
PAINTS AND ALLIED PRODUCTS — SIC 285				
1977	5.8	261.62	41.2	6.35
1978	5.9	298.42	43.0	6.94
1979	5.8	322.82	43.1	7.49
1980	5.3	391.35	45.4	8.62
1981	5.2	467.53	48.0	9.73
INDUSTRIAL ORGANIC CHEMICALS — SIC 286				
1977	28.4	322.91	42.6	7.58
1978	27.9	346.53	41.6	8.33
1979	27.4	382.20	42.0	9.10
1980	26.0	390.93	41.9	9.33
1981	25.7	475.18	44.3	10.73
PETROLEUM AND COAL PRODUCTS — SIC 29				
1977	11.9	-	-	-
1978	11.9	-	-	-
1979	11.9	407.48	44.1	9.24
1980	12.0	546.52	47.4	11.56
1981	11.9	548.01	43.5	12.59
PETROLEUM REFINING — SIC 291				
1977	8.3	-	-	-
1978	8.4	-	-	-
1979	8.4	433.83	42.7	10.16
1980	8.8	610.98	48.8	12.52
1981	9.2	594.97	44.0	13.52
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS — SIC 30				
1977	34.2	194.28	40.9	4.75
1978	37.3	201.20	40.0	5.01
1979	38.8	219.37	40.4	5.43
1980	37.4	232.06	39.6	5.86
1981	37.0	257.45	40.5	6.36
RUBBER AND RUBBER PRODUCTS — SIC 301-4,6				
1977	8.7	214.04	42.3	5.06
1978	8.6	213.06	40.2	5.30
1979	8.1	228.00	40.0	5.70
1980	7.5	236.56	39.1	6.05
1981	7.3	263.29	39.2	6.71
MISCELLANEOUS PLASTICS PRODUCTS — SIC 307				
1977	25.5	188.85	40.7	4.64
1978	28.8	196.46	40.0	4.91
1979	30.7	216.80	40.6	5.34
1980	29.9	231.05	39.7	5.82
1981	29.7	256.02	40.8	6.28
LEATHER AND LEATHER PRODUCTS — SIC 31				
1977	7.9	142.62	37.8	3.77
1978	7.3	155.45	38.1	4.08
1979	6.9	167.20	38.0	4.40
1980	5.9	181.36	38.1	4.76
1981	5.9	192.46	38.7	4.98
HANDBAGS AND PERSONAL LEATHER GOODS — SIC 317				
1977	3.7	-	-	-
1978	3.1	-	-	-
1979	3.1	-	-	-
1980	2.6	-	-	-
1981	2.6	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	178.2	-	-	-
1978	188.5	-	-	-
1979	190.4	-	-	-
1980	193.4	-	-	-
1981	192.5	-	-	-
STATEWIDE[1] (Con.)				
RAILROAD TRANSPORTATION — SIC 40				
1977	8.5	-	-	-
1978	8.5	-	-	-
1979	8.1	-	-	-
1980	7.4	-	-	-
1981	6.6	-	-	-
TRANSPORTATION, EXCEPT RAILROADS — SIC 41,42,44-47				
1977	100.1	-	-	-
1978	105.9	-	-	-
1979	106.3	-	-	-
1980	107.0	-	-	-
1981	104.0	-	-	-
COMMUNICATION — SIC 48				
1977	44.6	-	-	-
1978	48.8	-	-	-
1979	50.3	-	-	-
1980	53.2	-	-	-
1981	56.0	-	-	-
ELECTRIC, GAS, AND SANITARY SERVICES — SIC 49				
1977	25.0	-	-	-
1978	25.4	-	-	-
1979	25.7	-	-	-
1980	25.6	-	-	-
1981	25.8	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	637.3	-	-	-
1978	665.9	-	-	-
1979	678.6	-	-	-
1980	680.4	-	-	-
1981	690.1	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	177.4	-	-	-
1978	188.2	-	-	-
1979	196.8	-	-	-
1980	200.4	-	-	-
1981	208.3	-	-	-
RETAIL TRADE — SIC 52-59				
1977	459.9	-	-	-
1978	477.7	-	-	-
1979	481.8	-	-	-
1980	480.0	-	-	-
1981	481.8	-	-	-
GENERAL MERCHANDISE STORES — SIC 53				
1977	76.1	-	-	-
1978	79.1	-	-	-
1979	77.3	-	-	-
1980	77.4	-	-	-
1981	75.8	-	-	-
FOOD STORES — SIC 54				
1977	77.6	-	-	-
1978	79.1	-	-	-
1979	80.9	-	-	-
1980	82.8	-	-	-
1981	84.8	-	-	-
AUTOMOTIVE DEALERS AND SERVICE STATIONS — SIC 55				
1977	50.0	-	-	-
1978	51.3	-	-	-
1979	50.2	-	-	-
1980	47.6	-	-	-
1981	46.7	-	-	-
APPAREL AND ACCESSORY STORES — SIC 56				
1977	37.4	-	-	-
1978	39.6	-	-	-
1979	40.1	-	-	-
1980	39.1	-	-	-
1981	40.0	-	-	-
STATEWIDE[1] (Con.)				
EATING AND DRINKING PLACES — SIC 58				
1977	120.5	-	-	-
1978	126.9	-	-	-
1979	129.5	-	-	-
1980	129.9	-	-	-
1981	132.0	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	142.9	-	-	-
1978	147.7	-	-	-
1979	153.9	-	-	-
1980	158.1	-	-	-
1981	161.4	-	-	-
BANKING — SIC 60				
1977	41.2	-	-	-
1978	42.6	-	-	-
1979	44.4	-	-	-
1980	45.1	-	-	-
1981	45.9	-	-	-
INSURANCE CARRIERS, AGENTS AND BROKERS — SIC 63,64				
1977	59.0	-	-	-
1978	60.9	-	-	-
1979	64.3	-	-	-
1980	65.4	-	-	-
1981	66.3	-	-	-
SERVICES				
1977	509.8	-	-	-
1978	542.7	-	-	-
1979	571.0	-	-	-
1980	602.8	-	-	-
1981	635.2	-	-	-
HEALTH SERVICES — SIC 80				
1977	144.4	-	-	-
1978	151.1	-	-	-
1979	157.7	-	-	-
1980	165.7	-	-	-
1981	173.0	-	-	-
HOSPITALS — SIC 806				
1977	80.3	-	-	-
1978	84.6	-	-	-
1979	88.5	-	-	-
1980	93.0	-	-	-
1981	97.1	-	-	-
EDUCATIONAL SERVICES — SIC 82				
1977	40.2	-	-	-
1978	38.7	-	-	-
1979	39.8	-	-	-
1980	40.7	-	-	-
1981	41.1	-	-	-
GOVERNMENT				
1977	504.0	-	-	-
1978	523.0	-	-	-
1979	517.8	-	-	-
1980	528.8	-	-	-
1981	524.2	-	-	-
FEDERAL GOVERNMENT				
1977	72.0	-	-	-
1978	71.8	-	-	-
1979	72.1	-	-	-
1980	75.5	-	-	-
1981	72.3	-	-	-
STATE GOVERNMENT				
1977	87.5	-	-	-
1979	93.0	-	-	-
1979	92.5	-	-	-
1980	98.1	-	-	-
1981	100.7	-	-	-

See footnotes at end of tables.

NEW JERSEY

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE[2] (Con.)				
LOCAL GOVERNMENT				
1977	344.4	–	–	–
1978	358.2	–	–	–
1979	353.3	–	–	–
1980	357.2	–	–	–
1981	351.1	–	–	–
ATLANTIC CITY[1]				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	68.2	–	–	–
1978	71.8	–	–	–
1979	81.9	–	–	–
1980	90.6	–	–	–
1981	99.5	–	–	–
CONSTRUCTION				
1977	3.1	–	–	–
1978	3.7	–	–	–
1979	7.0	–	–	–
1980	5.7	–	–	–
1981	5.5	–	–	–
MANUFACTURING				
1977	8.9	182.77	37.3	4.90
1978	8.8	196.08	38.0	5.16
1979	9.1	227.35	38.6	5.89
1980	8.7	236.85	37.2	6.36
1981	8.2	242.27	36.9	6.57
DURABLE GOODS				
1977	3.0	–	–	–
1978	3.1	–	–	–
1979	3.4	–	–	–
1980	3.3	–	–	–
1981	3.2	–	–	–
NONDURABLE GOODS				
1977	5.8	–	–	–
1978	5.6	–	–	–
1979	5.7	–	–	–
1980	5.4	–	–	–
1981	5.0	–	–	–
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	2.4	–	–	–
1978	1.9	–	–	–
1979	1.7	–	–	–
1980	1.5	–	–	–
1981	1.3	–	–	–
TRANSPORTATION AND PUBLIC UTILITIES				
1977	3.2	–	–	–
1978	3.5	–	–	–
1979	3.7	–	–	–
1980	3.9	–	–	–
1981	4.0	–	–	–
WHOLESALE AND RETAIL TRADE				
1977	18.5	–	–	–
1978	19.3	–	–	–
1979	18.9	–	–	–
1980	19.9	–	–	–
1981	19.5	–	–	–
FINANCE, INSURANCE, AND REAL ESTATE				
1977	4.5	–	–	–
1978	4.5	–	–	–
1979	4.7	–	–	–
1980	4.7	–	–	–
1981	5.0	–	–	–
SERVICES				
1977	15.7	–	–	–
1978	17.4	–	–	–
1979	23.6	–	–	–
1980	31.2	–	–	–
1981	41.1	–	–	–

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
ATLANTIC CITY[1] (Con.)				
GOVERNMENT				
1977	14.3	–	–	–
1978	14.7	–	–	–
1979	14.8	–	–	–
1980	16.5	–	–	–
1981	16.2	–	–	–
CAMDEN[1]				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	304.6	–	–	–
1978	320.9	–	–	–
1979	334.5	–	–	–
1980	337.4	–	–	–
1981	343.8	–	–	–
MINING				
1977	.1	–	–	–
1978	.1	–	–	–
1979	.1	–	–	–
1980	.1	–	–	–
1981	.1	–	–	–
CONSTRUCTION				
1977	12.0	–	–	–
1978	13.6	–	–	–
1979	14.8	–	–	–
1980	13.7	–	–	–
1981	13.1	–	–	–
MANUFACTURING				
1977	66.4	226.57	40.1	5.65
1978	69.4	251.74	40.8	6.17
1979	71.6	264.62	40.4	6.55
1980	70.5	300.29	40.8	7.36
1981	70.9	330.48	40.6	8.14
DURABLE GOODS				
1977	36.8	228.39	41.3	5.53
1978	39.3	247.80	41.3	6.00
1979	41.5	262.17	40.9	6.41
1980	40.4	288.26	40.6	7.10
1981	40.2	313.19	40.3	7.77
PRIMARY METAL INDUSTRIES — SIC 33				
1977	2.7	–	–	–
1978	2.9	–	–	–
1979	2.9	272.39	43.1	6.32
1980	2.7	283.62	43.5	6.52
1981	2.7	287.40	43.2	6.66
FABRICATED METAL PRODUCTS — SIC 34				
1977	6.4	222.95	39.6	5.63
1978	7.3	235.17	39.0	6.03
1979	7.4	258.84	39.7	6.52
1980	7.2	281.69	38.8	7.26
1981	6.8	308.44	38.1	8.09
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	11.9	–	–	–
1978	12.4	–	–	–
1979	13.1	–	–	–
1980	13.5	–	–	–
1981	14.2	–	–	–
NONDURABLE GOODS				
1977	29.5	225.81	39.0	5.79
1978	30.1	256.07	40.2	6.37
1979	30.2	271.04	39.8	6.81
1980	30.1	315.29	41.0	7.69
1981	30.7	353.22	41.0	8.62
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	6.7	–	–	–
1978	6.6	–	–	–
1979	6.7	–	–	–
1980	6.3	–	–	–
1981	6.0	–	–	–

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
CAMDEN[1] (Con.)				
TEXTILE MILL PRODUCTS — SIC 22				
1977	1.9	–	–	–
1978	2.1	194.18	38.3	5.07
1979	1.8	200.34	37.8	5.30
1980	1.7	203.28	36.3	5.60
1981	1.7	233.84	36.8	6.36
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	1.9	227.76	42.1	5.41
1978	1.8	253.98	42.4	5.99
1979	1.8	301.43	43.0	7.01
1980	1.9	309.59	41.5	7.46
1981	2.1	371.82	42.6	8.73
PRINTING AND PUBLISHING — SIC 27				
1977	5.1	–	–	–
1978	5.6	–	–	–
1979	6.2	274.71	39.3	6.99
1980	6.8	300.45	39.9	7.53
1981	7.2	327.25	40.4	8.09
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	5.3	283.18	43.7	6.48
1978	5.2	312.57	43.9	7.12
1979	5.0	367.77	45.8	8.03
1980	4.9	363.37	42.7	8.57
1981	4.8	408.68	43.2	9.46
PETROLEUM AND COAL PRODUCTS — SIC 29				
1977	3.7	–	–	–
1978	3.6	–	–	–
1979	3.3	–	–	–
1980	3.2	–	–	–
1981	3.4	–	–	–
TRANSPORTATION AND PUBLIC UTILITIES				
1977	14.8	–	–	–
1978	15.8	–	–	–
1979	15.7	–	–	–
1980	15.6	–	–	–
1981	15.4	–	–	–
WHOLESALE AND RETAIL TRADE				
1977	79.6	–	–	–
1978	83.9	–	–	–
1979	86.9	–	–	–
1980	86.8	–	–	–
1981	88.8	–	–	–
FINANCE, INSURANCE, AND REAL ESTATE				
1977	14.8	–	–	–
1978	15.5	–	–	–
1979	16.3	–	–	–
1980	16.9	–	–	–
1981	17.5	–	–	–
SERVICES				
1977	58.1	–	–	–
1978	61.9	–	–	–
1979	64.3	–	–	–
1980	67.1	–	–	–
1981	71.2	–	–	–
GOVERNMENT				
1977	58.8	–	–	–
1978	60.7	–	–	–
1979	64.8	–	–	–
1980	66.6	–	–	–
1981	66.7	–	–	–
HACKENSACK[1]				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	370.7	–	–	–
1978	388.1	–	–	–
1979	392.0	–	–	–
1980	394.9	–	–	–
1981	397.3	–	–	–

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
HACKENSACK[1] (CON.)				
CONSTRUCTION				
1977	12.2	-	-	-
1978	13.3	-	-	-
1979	13.5	-	-	-
1980	14.1	-	-	-
1981	14.7	-	-	-
MANUFACTURING				
1977	107.6	226.72	41.6	5.45
1978	109.8	238.14	42.7	5.78
1979	113.4	249.49	40.7	6.13
1980	111.5	268.62	40.7	6.60
1981	109.2	290.13	41.3	7.03
DURABLE GOODS				
1977	50.2	237.44	42.4	5.60
1978	52.7	243.43	41.4	5.88
1979	55.1	259.16	41.4	6.26
1980	52.2	277.55	41.8	6.64
1981	50.1	295.17	42.2	6.99
TRANSPORTATION EQUIPMENT — SIC 37				
1977	6.8	-	-	-
1978	7.6	389.80	44.6	8.74
1979	6.9	388.67	42.9	9.06
1980	4.4	376.24	43.8	8.59
1981	2.7	360.20	45.6	7.89
INSTRUMENTS AND RELATED PRODUCTS — SIC 38				
1977	8.0	275.36	43.5	6.33
1978	8.4	300.33	42.6	7.05
1979	9.5	343.77	44.3	7.76
1980	10.1	370.14	43.7	8.47
1981	10.3	420.47	44.0	9.55
NONDURABLE GOODS				
1977	57.5	-	-	-
1978	57.1	231.24	41.0	5.64
1979	58.3	241.40	40.1	6.02
1980	59.3	261.49	39.8	6.57
1981	59.1	286.36	40.5	7.06
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	7.3	-	-	-
1978	7.6	290.79	42.7	6.81
1979	8.4	299.63	40.6	7.38
1980	8.9	344.51	44.8	7.69
1981	8.9	378.48	44.3	8.54
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	6.4	-	-	-
1978	6.3	280.80	44.5	6.31
1979	6.6	289.23	42.1	6.87
1980	6.5	282.86	42.6	6.64
1981	6.3	307.60	43.2	7.12
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	14.2	-	-	-
1978	14.0	250.50	41.2	6.08
1979	13.7	254.16	39.9	6.37
1980	13.2	266.11	39.6	6.72
1981	12.9	299.19	39.9	7.50
TRANSPORTATION AND PUBLIC UTILITIES				
1977	19.6	-	-	-
1978	20.9	-	-	-
1979	20.3	-	-	-
1980	20.8	-	-	-
1981	20.5	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	109.3	-	-	-
1978	115.7	-	-	-
1979	116.1	-	-	-
1980	115.6	-	-	-
1981	116.1	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
HACKENSACK[1] (CON.)				
WHOLESALE TRADE — SIC 50,51				
1977	40.5	-	-	-
1978	45.2	-	-	-
1979	46.3	-	-	-
1980	46.3	-	-	-
1981	47.5	-	-	-
RETAIL TRADE — SIC 52-59				
1977	68.8	-	-	-
1978	70.5	-	-	-
1979	69.8	-	-	-
1980	69.3	-	-	-
1981	68.5	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	14.3	-	-	-
1978	15.2	-	-	-
1979	16.1	-	-	-
1980	17.1	-	-	-
1981	17.9	-	-	-
SERVICES AND MINING				
1977	65.0	-	-	-
1978	69.5	-	-	-
1979	71.4	-	-	-
1980	74.0	-	-	-
1981	77.0	-	-	-
GOVERNMENT				
1977	42.6	-	-	-
1978	43.7	-	-	-
1979	41.3	-	-	-
1980	41.7	-	-	-
1981	41.9	-	-	-
FEDERAL GOVERNMENT				
1977	3.3	-	-	-
1978	3.3	-	-	-
1979	3.3	-	-	-
1980	3.6	-	-	-
1981	3.4	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	39.3	-	-	-
1978	40.4	-	-	-
1979	38.0	-	-	-
1980	38.1	-	-	-
1981	38.4	-	-	-
JERSEY CITY[1]				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	232.1	-	-	-
1978	233.8	-	-	-
1979	230.7	-	-	-
1980	227.8	-	-	-
1981	224.2	-	-	-
CONSTRUCTION				
1977	3.9	-	-	-
1978	4.0	-	-	-
1979	4.4	-	-	-
1980	4.6	-	-	-
1981	5.0	-	-	-
MANUFACTURING				
1977	72.1	229.31	40.3	5.69
1978	73.0	248.65	40.3	6.17
1979	70.7	266.09	41.0	6.49
1980	68.5	290.19	40.7	7.13
1981	67.0	310.52	40.4	7.68
DURABLE GOODS				
1977	26.9	259.58	41.4	6.27
1978	27.1	275.95	40.7	6.78
1979	26.3	300.46	41.5	7.24
1980	25.0	314.69	40.5	7.77
1981	22.9	331.01	41.0	8.07

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
JERSEY CITY[1] (CON.)				
PRIMARY METAL INDUSTRIES — SIC 33				
1977	1.7	-	-	-
1978	1.7	252.15	43.7	5.77
1979	1.7	280.53	44.6	6.29
1980	1.7	326.45	50.3	6.49
1981	1.7	436.87	59.5	7.35
FABRICATED METAL PRODUCTS — SIC 34				
1977	2.4	-	-	-
1978	2.7	-	-	-
1979	2.5	-	-	-
1980	2.2	-	-	-
1981	1.8	-	-	-
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	3.3	283.53	42.7	6.64
1978	3.6	317.25	43.4	7.31
1979	3.5	340.86	43.7	7.80
1980	2.6	401.36	45.3	8.86
1981	2.3	459.37	46.5	9.88
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	9.7	-	-	-
1978	9.6	306.28	40.3	7.60
1979	9.1	357.01	42.4	8.42
1980	9.1	363.66	41.8	8.70
1981	8.2	364.05	41.3	8.81
TRANSPORTATION EQUIPMENT — SIC 37				
1977	1.5	-	-	-
1978	1.1	-	-	-
1979	1.2	-	-	-
1980	1.3	-	-	-
1981	1.1	-	-	-
MISC. MANUFACTURING INDUSTRIES — SIC 39				
1977	3.8	-	-	-
1978	4.0	-	-	-
1979	3.8	161.39	37.1	4.35
1980	3.8	158.89	36.6	4.34
1981	3.6	166.30	39.2	4.24
NONDURABLE GOODS				
1977	45.2	213.33	39.8	5.36
1978	45.9	234.18	40.1	5.84
1979	44.4	245.01	40.7	6.02
1980	43.5	274.18	40.8	6.72
1981	44.1	298.11	40.1	7.44
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	6.7	267.07	42.8	6.24
1978	6.6	287.32	44.0	6.53
1979	6.3	280.81	42.1	6.67
1980	6.2	352.30	45.4	7.76
1981	6.2	410.57	44.5	9.23
TEXTILE MILL PRODUCTS — SIC 22				
1977	3.8	203.15	42.5	4.78
1978	3.5	210.34	41.9	5.02
1979	3.4	218.89	41.3	5.30
1980	3.7	253.30	43.9	5.77
1981	3.7	277.67	44.8	6.19
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	17.2	165.88	36.7	4.52
1978	18.2	177.39	36.5	4.86
1979	17.6	197.76	38.7	5.11
1980	17.5	202.17	37.3	5.42
1981	18.2	203.30	35.7	5.69
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	3.0	-	-	-
1978	3.0	233.70	41.0	5.70
1979	2.7	250.71	41.1	6.10
1980	2.6	262.14	42.4	6.89
1981	6.5	331.35	44.0	7.52

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
JERSEY CITY[2] (CON.)				
PRINTING AND PUBLISHING — SIC 27				
1977	2.6	–	–	–
1978	2.7	–	–	–
1979	2.8	–	–	–
1980	3.1	–	–	–
1981	3.3	–	–	–
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	7.1	–	–	–
1978	7.1	–	–	–
1979	6.8	351.22	43.2	8.13
1980	6.3	384.73	42.7	9.01
1981	6.5	406.55	42.1	9.65
TRANSPORTATION AND PUBLIC UTILITIES				
1977	28.0	–	–	–
1978	27.4	–	–	–
1979	27.4	–	–	–
1980	26.7	–	–	–
1981	25.3	–	–	–
WHOLESALE AND RETAIL TRADE				
1977	43.9	–	–	–
1978	44.5	–	–	–
1979	44.6	–	–	–
1980	44.2	–	–	–
1981	44.9	–	–	–
FINANCE, INSURANCE, AND REAL ESTATE				
1977	8.7	–	–	–
1978	8.3	–	–	–
1979	8.2	–	–	–
1980	8.7	–	–	–
1981	8.5	–	–	–
SERVICES				
1977	30.1	–	–	–
1978	30.3	–	–	–
1979	31.2	–	–	–
1980	31.8	–	–	–
1981	32.2	–	–	–
GOVERNMENT				
1977	45.4	–	–	–
1978	46.4	–	–	–
1979	44.2	–	–	–
1980	43.3	–	–	–
1981	41.4	–	–	–
LONG BRANCH-ASBURY PARK[5]				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	145.3	–	–	–
1978	153.6	–	–	–
1979	158.9	–	–	–
1980	163.3	–	–	–
1981	168.0	–	–	–
CONSTRUCTION				
1977	5.5	–	–	–
1978	6.1	–	–	–
1979	6.6	–	–	–
1980	6.5	–	–	–
1981	6.8	–	–	–
MANUFACTURING				
1977	23.0	–	–	–
1978	23.5	–	–	–
1979	24.3	–	–	–
1980	24.7	–	–	–
1981	25.3	–	–	–
DURABLE GOODS				
1977	12.3	–	–	–
1978	12.9	–	–	–
1979	13.2	–	–	–
1980	13.6	–	–	–
1981	14.1	–	–	–

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
LONG BRANCH-ASBURY PARK[5] (Con.)				
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	2.2	–	–	–
1978	2.1	–	–	–
1979	1.9	–	–	–
1980	1.9	–	–	–
1981	1.9	–	–	–
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	3.5	–	–	–
1978	3.7	–	–	–
1979	4.2	–	–	–
1980	4.1	–	–	–
1981	4.6	–	–	–
NONDURABLE GOODS				
1977	10.8	–	–	–
1978	10.6	–	–	–
1979	11.1	–	–	–
1980	11.1	–	–	–
1981	11.2	–	–	–
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	2.5	–	–	–
1978	2.4	–	–	–
1979	2.3	–	–	–
1980	2.1	–	–	–
1981	1.9	–	–	–
TRANSPORTATION AND PUBLIC UTILITIES				
1977	5.9	–	–	–
1978	6.2	–	–	–
1979	5.9	–	–	–
1980	6.1	–	–	–
1981	6.6	–	–	–
WHOLESALE AND RETAIL TRADE				
1977	37.0	–	–	–
1978	39.8	–	–	–
1979	39.6	–	–	–
1980	40.3	–	–	–
1981	41.7	–	–	–
FINANCE, INSURANCE, AND REAL ESTATE				
1977	6.2	–	–	–
1978	6.6	–	–	–
1979	7.9	–	–	–
1980	7.9	–	–	–
1981	7.9	–	–	–
SERVICES AND MINING				
1977	35.2	–	–	–
1978	38.2	–	–	–
1979	39.5	–	–	–
1980	41.4	–	–	–
1981	43.4	–	–	–
GOVERNMENT				
1977	32.5	–	–	–
1978	33.1	–	–	–
1979	35.1	–	–	–
1980	36.3	–	–	–
1981	36.4	–	–	–
FEDERAL GOVERNMENT				
1977	11.1	–	–	–
1978	10.4	–	–	–
1979	10.0	–	–	–
1980	10.4	–	–	–
1981	10.1	–	–	–
STATE AND LOCAL GOVERNMENT				
1977	21.4	–	–	–
1978	22.8	–	–	–
1979	25.1	–	–	–
1980	25.9	–	–	–
1981	26.3	–	–	–

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
NEW BRUNS-PERTH AMBOY-SAYREVILLE[5]				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	258.5	–	–	–
1978	274.4	–	–	–
1979	283.8	–	–	–
1980	288.9	–	–	–
1981	292.6	–	–	–
CONSTRUCTION				
1977	8.7	–	–	–
1978	9.3	–	–	–
1979	10.5	–	–	–
1980	10.0	–	–	–
1981	10.6	–	–	–
MANUFACTURING				
1977	85.5	263.75	42.2	6.25
1978	89.8	281.63	41.6	6.77
1979	90.6	315.23	41.1	6.31
1980	89.9	344.03	41.7	8.25
1981	90.7	381.22	42.4	9.00
DURABLE GOODS				
1977	38.0	271.51	41.9	6.48
1978	39.7	296.81	42.1	7.05
1979	40.6	325.01	41.6	6.44
1980	40.5	350.68	41.5	8.45
1981	41.0	379.21	41.5	9.13
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	2.7	–	–	–
1978	3.0	–	–	–
1979	2.9	–	–	–
1980	2.7	–	–	–
1981	2.7	–	–	–
PRIMARY METAL INDUSTRIES — SIC 33				
1977	4.6	307.82	44.1	6.98
1978	5.4	336.16	44.0	7.64
1979	5.7	378.65	44.6	8.49
1980	6.0	415.14	44.4	9.35
1981	6.5	445.70	44.5	10.03
FABRICATED METAL PRODUCTS — SIC 34				
1977	6.2	–	–	–
1978	6.3	310.06	41.9	7.40
1979	6.2	337.02	41.0	8.22
1980	6.1	358.50	40.6	8.83
1981	5.7	374.34	40.0	9.36
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	7.3	–	–	–
1978	7.4	–	–	–
1979	7.5	–	–	–
1980	7.0	–	–	–
1981	7.1	–	–	–
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	4.3	–	–	–
1978	4.3	336.07	41.8	8.04
1979	4.4	341.94	41.8	6.83
1980	4.3	361.00	40.2	8.98
1981	4.2	408.00	40.3	10.12
INSTRUMENTS AND RELATED PRODUCTS — SIC 38				
1977	6.9	–	–	–
1978	6.9	–	–	–
1979	7.2	–	–	–
1980	7.6	–	–	–
1981	7.6	–	–	–
NONDURABLE GOODS				
1977	47.5	260.29	42.6	6.11
1978	50.1	271.41	41.5	6.54
1979	50.0	305.95	42.2	7.25
1980	49.4	337.74	41.8	8.08
1981	49.8	381.81	42.9	8.89

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
NEW BRUNS-PERTH AMBOY-SAYREVILLE[3] (CON.)				
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	4.3	–	–	–
1978	7.2	145.77	33.9	4.30
1979	4.1	154.93	34.2	4.53
1980	3.9	152.00	31.8	4.78
1981	3.8	165.92	32.6	5.09
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	6.7	–	–	–
1978	7.2	312.99	45.1	6.94
1979	7.3	343.17	44.8	7.66
1980	6.9	382.79	44.1	8.68
1981	7.3	445.39	46.2	9.65
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	21.4	–	–	–
1978	22.5	–	–	–
1979	21.9	–	–	–
1980	21.7	–	–	–
1981	21.9	–	–	–
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS — SIC 30				
1977	3.9	–	–	–
1978	4.2	–	–	–
1979	4.6	–	–	–
1980	4.9	–	–	–
1981	4.9	–	–	–
TRANSPORTATION AND PUBLIC UTILITIES				
1977	17.0	–	–	–
1978	19.8	–	–	–
1979	20.9	–	–	–
1980	22.4	–	–	–
1981	23.7	–	–	–
TRANSPORTATION — SIC 40–42,44–47				
1977	9.7	–	–	–
1978	11.1	–	–	–
1979	11.5	–	–	–
1980	11.3	–	–	–
1981	11.5	–	–	–
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	7.3	–	–	–
1978	8.7	–	–	–
1979	9.4	–	–	–
1980	11.1	–	–	–
1981	12.1	–	–	–
WHOLESALE AND RETAIL TRADE				
1977	58.1	–	–	–
1978	61.9	–	–	–
1979	65.3	–	–	–
1980	66.5	–	–	–
1981	67.5	–	–	–
WHOLESALE TRADE — SIC 50,51				
1977	17.9	–	–	–
1978	20.2	–	–	–
1979	22.3	–	–	–
1980	23.3	–	–	–
1981	23.8	–	–	–
RETAIL TRADE — SIC 52–59				
1977	40.1	–	–	–
1978	41.7	–	–	–
1979	43.0	–	–	–
1980	43.2	–	–	–
1981	43.7	–	–	–
FINANCE, INSURANCE, AND REAL ESTATE				
1977	8.7	–	–	–
1978	9.2	–	–	–
1979	9.6	–	–	–
1980	10.2	–	–	–
1981	11.6	–	–	–

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
NEW BRUNS-PERTH AMBOY-SAYREVILLE[3] (CON.)				
SERVICES AND MINING				
1977	34.1	–	–	–
1978	36.7	–	–	–
1979	39.0	–	–	–
1980	40.8	–	–	–
1981	43.0	–	–	–
GOVERNMENT				
1977	46.5	–	–	–
1978	47.7	–	–	–
1979	48.1	–	–	–
1980	49.1	–	–	–
1981	45.5	–	–	–
FEDERAL GOVERNMENT				
1977	2.2	–	–	–
1978	2.3	–	–	–
1979	2.3	–	–	–
1980	2.7	–	–	–
1981	2.2	–	–	–
STATE AND LOCAL GOVERNMENT				
1977	44.3	–	–	–
1978	45.4	–	–	–
1979	45.7	–	–	–
1980	46.5	–	–	–
1981	43.3	–	–	–
NEWARK[3]				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	889.0	–	–	–
1978	915.7	–	–	–
1979	936.4	–	–	–
1980	939.2	–	–	–
1981	943.0	–	–	–
MINING				
1977	.9	–	–	–
1978	.9	–	–	–
1979	.8	–	–	–
1980	.7	–	–	–
1981	.8	–	–	–
CONSTRUCTION				
1977	28.4	–	–	–
1978	30.5	–	–	–
1979	33.1	–	–	–
1980	32.7	–	–	–
1981	31.5	–	–	–
MANUFACTURING				
1977	245.4	247.87	41.8	5.89
1978	249.5	259.75	41.1	6.32
1979	254.0	286.70	42.1	6.81
1980	249.0	305.04	41.0	7.44
1981	244.7	337.79	41.4	8.16
DURABLE GOODS				
1977	128.2	250.74	42.0	5.97
1978	131.0	258.75	41.4	6.04
1979	135.8	285.18	42.5	6.71
1980	131.7	305.21	41.3	7.39
1981	127.9	339.74	41.9	8.10
PRIMARY METAL INDUSTRIES — SIC 33				
1977	8.1	257.24	43.6	5.90
1978	8.6	274.49	43.5	6.31
1979	8.9	298.32	44.0	6.78
1980	9.0	326.34	44.4	7.35
1981	9.1	367.39	45.8	8.02
FABRICATED METAL PRODUCTS — SIC 34				
1977	23.2	226.32	41.0	5.52
1978	24.4	245.78	41.1	5.98
1979	25.2	267.52	41.8	6.40
1980	24.5	290.21	41.4	7.01
1981	23.9	321.62	41.6	7.72

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
NEWARK[3] (Con.)				
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	25.5	294.77	43.8	6.73
1978	26.9	319.60	42.5	7.52
1979	27.8	340.94	42.3	8.06
1980	27.4	365.47	42.3	8.64
1981	26.5	407.09	43.4	9.37
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	33.6	217.46	41.5	5.24
1978	33.3	227.86	40.4	5.64
1979	34.2	256.67	41.6	6.17
1980	32.1	252.06	39.2	6.43
1981	30.6	261.71	38.1	6.87
TRANSPORTATION EQUIPMENT — SIC 37				
1977	7.1	325.99	40.8	7.99
1978	6.4	360.82	42.6	8.47
1979	7.3	435.12	48.4	8.99
1980	7.3	439.64	43.4	10.13
1981	7.3	484.40	41.5	11.66
INSTRUMENTS AND RELATED PRODUCTS — SIC 38				
1977	11.9	–	–	–
1978	12.1	–	–	–
1979	12.8	–	–	–
1980	13.3	–	–	–
1981	13.3	–	–	–
MISC. MANUFACTURING INDUSTRIES — SIC 39				
1977	7.7	–	–	–
1978	7.7	–	–	–
1979	8.2	–	–	–
1980	7.8	–	–	–
1981	8.3	–	–	–
NONDURABLE GOODS				
1977	117.2	246.27	41.6	5.92
1978	118.4	262.81	41.0	6.41
1979	118.2	286.35	41.5	6.90
1980	117.2	304.50	40.6	7.50
1981	116.8	335.36	40.7	8.25
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	13.5	–	–	–
1978	13.1	–	–	–
1979	12.4	327.22	40.1	8.16
1980	12.3	349.52	39.9	8.76
1981	11.2	394.80	42.6	9.27
TEXTILE MILL PRODUCTS — SIC 22				
1977	2.1	–	–	–
1978	2.1	–	–	–
1979	2.0	–	–	–
1980	1.9	–	–	–
1981	1.8	–	–	–
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	10.2	–	–	–
1978	9.8	–	–	–
1979	9.3	–	–	–
1980	9.0	–	–	–
1981	8.8	–	–	–
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	8.0	242.97	44.5	5.46
1978	8.1	255.47	43.3	5.90
1979	7.7	283.66	44.6	6.36
1980	6.9	329.70	46.7	7.06
1981	6.6	367.77	46.6	7.89
PRINTING AND PUBLISHING — SIC 27				
1977	14.2	230.04	39.8	5.78
1978	14.9	237.29	38.9	6.10
1979	15.5	257.54	39.2	6.57
1980	16.0	265.73	38.4	6.92
1981	16.7	303.48	37.9	8.02

See footnotes at end of tables.

NEW JERSEY

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
NEWARK[1] (Con.)				
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	52.0	294.34	43.8	6.72
1978	52.9	319.45	43.7	7.31
1979	53.2	337.80	43.7	7.73
1980	54.1	361.23	42.8	8.44
1981	55.4	405.61	42.6	9.53
PETROLEUM AND COAL PRODUCTS — SIC 29				
1977	3.0	-	-	-
1978	3.0	-	-	-
1979	3.1	-	-	-
1980	3.3	-	-	-
1981	3.5	-	-	-
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS — SIC 30				
1977	12.0	189.78	40.9	4.64
1978	12.6	196.89	39.3	5.01
1979	13.1	219.35	40.1	5.47
1980	12.1	231.00	38.5	6.00
1981	11.4	252.07	38.7	6.52
LEATHER AND LEATHER PRODUCTS — SIC 31				
1977	2.2	-	-	-
1978	1.9	-	-	-
1979	1.9	-	-	-
1980	1.6	-	-	-
1981	1.3	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	66.8	-	-	-
1978	69.7	-	-	-
1979	72.0	-	-	-
1980	73.4	-	-	-
1981	73.7	-	-	-
TRANSPORTATION — SIC 40-42,44-47				
1977	37.0	-	-	-
1978	38.4	-	-	-
1979	39.3	-	-	-
1980	39.8	-	-	-
1981	39.3	-	-	-
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	29.8	-	-	-
1978	31.3	-	-	-
1979	32.7	-	-	-
1980	33.5	-	-	-
1981	34.3	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	170.9	-	-	-
1978	175.6	-	-	-
1979	180.0	-	-	-
1980	179.6	-	-	-
1981	181.1	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	55.2	-	-	-
1978	56.3	-	-	-
1979	59.8	-	-	-
1980	60.1	-	-	-
1981	61.1	-	-	-
RETAIL TRADE — SIC 52-59				
1977	115.7	-	-	-
1978	119.2	-	-	-
1979	120.2	-	-	-
1980	119.5	-	-	-
1981	120.0	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	60.4	-	-	-
1978	61.2	-	-	-
1979	63.7	-	-	-
1980	64.2	-	-	-
1981	65.1	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
NEWARK[1] (Con.)				
SERVICES				
1977	169.6	-	-	-
1978	178.0	-	-	-
1979	184.5	-	-	-
1980	192.5	-	-	-
1981	200.7	-	-	-
GOVERNMENT				
1977	146.6	-	-	-
1978	150.3	-	-	-
1979	148.3	-	-	-
1980	147.1	-	-	-
1981	145.4	-	-	-
FEDERAL GOVERNMENT				
1977	22.0	-	-	-
1978	22.4	-	-	-
1979	23.1	-	-	-
1980	24.8	-	-	-
1981	22.7	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	124.6	-	-	-
1978	127.9	-	-	-
1979	125.2	-	-	-
1980	122.3	-	-	-
1981	122.8	-	-	-
PATERSON-CLIFTON-PASSAIC[1]				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	181.3	-	-	-
1978	188.1	-	-	-
1979	190.2	-	-	-
1980	189.1	-	-	-
1981	190.8	-	-	-
CONSTRUCTION				
1977	5.3	-	-	-
1978	6.2	-	-	-
1979	7.0	-	-	-
1980	6.7	-	-	-
1981	6.4	-	-	-
MANUFACTURING				
1977	65.5	225.22	40.8	5.52
1978	67.2	241.78	41.4	5.84
1979	68.8	257.29	41.1	6.26
1980	67.6	283.56	41.7	6.80
1981	67.1	314.56	42.6	7.39
DURABLE GOODS				
1977	27.2	235.99	40.9	5.77
1978	28.3	249.07	41.1	6.06
1979	29.5	269.98	41.6	6.49
1980	29.3	281.24	40.7	6.91
1981	28.9	316.98	41.7	7.60
FABRICATED METAL PRODUCTS — SIC 34				
1977	5.1	-	-	-
1978	5.1	-	-	-
1979	5.0	288.77	43.1	6.70
1980	4.6	297.53	39.2	7.59
1981	4.4	276.09	44.5	6.20
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	5.5	236.16	40.3	5.86
1978	5.7	262.08	42.0	6.24
1979	5.9	293.61	42.8	6.86
1980	5.9	310.84	41.5	7.49
1981	5.5	326.12	39.5	8.25
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	9.7	251.47	40.3	6.24
1978	10.6	260.53	40.9	6.37
1979	11.6	283.71	41.6	6.82
1980	11.5	316.23	41.5	7.62
1981	11.4	367.38	42.8	8.59

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
PATERSON-CLIFTON-PASSAIC[1] (CON.)				
NONDURABLE GOODS				
1977	38.3	216.93	40.7	5.33
1978	38.9	236.29	41.6	5.68
1979	39.3	246.44	40.6	6.07
1980	38.3	285.35	42.4	6.73
1981	38.2	312.92	43.4	7.21
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	3.2	-	-	-
1978	3.6	-	-	-
1979	3.4	-	-	-
1980	3.4	-	-	-
1981	3.6	-	-	-
PRINTING AND PUBLISHING — SIC 27				
1977	3.8	-	-	-
1978	3.9	-	-	-
1979	4.1	-	-	-
1980	4.0	-	-	-
1981	4.0	-	-	-
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	9.9	272.99	43.4	6.29
1978	9.9	298.52	43.9	6.80
1979	10.4	332.56	43.7	7.61
1980	11.3	375.24	47.2	7.95
1981	11.2	431.87	51.0	8.47
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS — SIC 30				
1977	3.9	-	-	-
1978	4.3	-	-	-
1979	4.4	-	-	-
1980	4.0	-	-	-
1981	4.1	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	6.7	-	-	-
1978	7.1	-	-	-
1979	6.9	-	-	-
1980	6.6	-	-	-
1981	6.6	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	40.9	-	-	-
1978	41.8	-	-	-
1979	41.1	-	-	-
1980	40.1	-	-	-
1981	40.8	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	11.7	-	-	-
1978	12.3	-	-	-
1979	12.2	-	-	-
1980	11.9	-	-	-
1981	12.9	-	-	-
RETAIL TRADE — SIC 52-59				
1977	29.3	-	-	-
1978	29.5	-	-	-
1979	28.9	-	-	-
1980	28.2	-	-	-
1981	28.0	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	9.2	-	-	-
1978	9.3	-	-	-
1979	8.9	-	-	-
1980	9.2	-	-	-
1981	9.2	-	-	-
SERVICES AND MINING				
1977	27.8	-	-	-
1978	29.6	-	-	-
1979	31.7	-	-	-
1980	33.2	-	-	-
1981	34.5	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
PATERSON-CLIFTON-PASSAIC[1] (CON.)				
GOVERNMENT				
1977	25.8	-	-	-
1978	27.0	-	-	-
1979	25.8	-	-	-
1980	25.6	-	-	-
1981	26.2	-	-	-
FEDERAL GOVERNMENT				
1977	2.0	-	-	-
1978	2.0	-	-	-
1979	2.0	-	-	-
1980	2.0	-	-	-
1981	1.8	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	23.8	-	-	-
1978	25.0	-	-	-
1979	23.8	-	-	-
1980	23.6	-	-	-
1981	24.4	-	-	-
TRENTON[1]				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	155.0	-	-	-
1978	159.9	-	-	-
1979	162.4	-	-	-
1980	162.2	-	-	-
1981	162.7	-	-	-
CONSTRUCTION				
1977	2.9	-	-	-
1978	3.0	-	-	-
1979	3.1	-	-	-
1980	3.3	-	-	-
1981	3.3	-	-	-
MANUFACTURING				
1977	37.4	250.91	41.2	6.09
1978	36.6	260.43	39.7	6.56
1979	36.3	278.99	40.2	6.94
1980	33.9	296.77	39.1	7.59
1981	33.8	322.32	39.1	8.24
DURABLE GOODS				
1977	22.5	260.63	41.7	6.25
1978	21.8	271.48	40.1	6.77
1979	21.8	297.43	40.8	7.29
1980	20.2	323.45	39.6	8.17
1981	20.6	354.94	39.6	8.96
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	2.1	-	-	-
1978	2.2	226.40	40.0	5.66
1979	2.2	250.63	40.1	6.25
1980	2.2	281.00	39.3	7.15
1981	2.0	309.97	39.6	7.82
FABRICATED METAL PRODUCTS — SIC 34				
1977	5.8	336.00	42.0	8.00
1978	5.9	345.72	40.2	8.60
1979	5.9	383.11	40.2	9.53
1980	4.7	393.84	38.2	10.31
1981	4.7	432.58	38.4	11.26
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	4.5	-	-	-
1978	4.2	-	-	-
1979	4.2	343.26	42.8	8.02
1980	4.0	339.15	39.9	8.50
1981	4.1	389.61	41.1	9.48
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	7.0	185.85	41.3	4.50
1978	6.7	190.40	40.0	4.76
1979	6.8	216.00	41.3	5.23
1980	6.8	226.80	40.0	5.67
1981	7.1	246.64	40.1	6.15

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
TRENTON[1] (Con.)				
NONDURABLE GOODS				
1977	15.0	-	-	-
1978	14.9	236.29	38.8	6.09
1979	14.4	253.99	38.6	6.58
1980	13.7	249.83	38.2	6.54
1981	13.3	268.37	38.3	7.01
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	.9	-	-	-
1978	.9	-	-	-
1979	.8	-	-	-
1980	.8	-	-	-
1981	.9	-	-	-
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	1.1	-	-	-
1978	1.1	-	-	-
1979	1.0	-	-	-
1980	.9	-	-	-
1981	.9	-	-	-
PRINTING AND PUBLISHING — SIC 27				
1977	4.1	-	-	-
1978	4.3	-	-	-
1979	4.6	-	-	-
1980	4.4	-	-	-
1981	4.2	-	-	-
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	3.8	-	-	-
1978	3.9	-	-	-
1979	3.8	240.71	38.7	6.22
1980	3.8	238.01	37.6	6.33
1981	3.6	231.78	35.4	6.54
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS — SIC 30				
1977	3.2	-	-	-
1978	2.6	-	-	-
1979	2.4	287.43	42.9	6.70
1980	2.1	276.49	40.6	6.81
1981	2.1	303.65	41.2	7.38
TRANSPORTATION AND PUBLIC UTILITIES				
1977	5.4	-	-	-
1978	5.9	-	-	-
1979	5.8	-	-	-
1980	5.5	-	-	-
1981	5.2	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	23.8	-	-	-
1978	25.0	-	-	-
1979	25.0	-	-	-
1980	25.0	-	-	-
1981	24.6	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	5.3	-	-	-
1978	5.6	-	-	-
1979	5.4	-	-	-
1980	5.3	-	-	-
1981	5.4	-	-	-
RETAIL TRADE — SIC 52-59				
1977	18.5	-	-	-
1978	19.4	-	-	-
1979	19.7	-	-	-
1980	19.7	-	-	-
1981	19.2	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	6.1	-	-	-
1978	6.5	-	-	-
1979	7.1	-	-	-
1980	7.5	-	-	-
1981	8.3	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
TRENTON[1] (Con.)				
SERVICES AND MINING				
1977	36.6	-	-	-
1978	38.2	-	-	-
1979	40.3	-	-	-
1980	41.8	-	-	-
1981	41.8	-	-	-
GOVERNMENT				
1977	42.8	-	-	-
1978	44.6	-	-	-
1979	45.0	-	-	-
1980	45.1	-	-	-
1981	45.8	-	-	-
VINELAND-MILLVILLE-BRIDGETON[1]				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	53.9	-	-	-
1978	55.1	-	-	-
1979	54.3	-	-	-
1980	54.3	-	-	-
1981	53.8	-	-	-
CONSTRUCTION				
1977	1.5	-	-	-
1978	1.7	-	-	-
1979	1.7	-	-	-
1980	1.8	-	-	-
1981	1.9	-	-	-
MANUFACTURING				
1977	19.4	-	-	-
1978	19.1	-	-	-
1979	18.5	-	-	-
1980	18.1	-	-	-
1981	17.7	-	-	-
DURABLE GOODS				
1977	11.3	-	-	-
1978	10.7	-	-	-
1979	10.8	-	-	-
1980	10.5	-	-	-
1981	10.6	-	-	-
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	9.7	-	-	-
1978	9.1	-	-	-
1979	8.9	-	-	-
1980	8.6	-	-	-
1981	8.6	-	-	-
NONDURABLE GOODS				
1977	8.1	-	-	-
1978	8.5	-	-	-
1979	7.7	-	-	-
1980	7.6	-	-	-
1981	7.1	-	-	-
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	2.6	-	-	-
1978	2.7	-	-	-
1979	2.5	-	-	-
1980	2.5	-	-	-
1981	2.3	-	-	-
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	2.6	-	-	-
1978	2.5	-	-	-
1979	2.0	-	-	-
1980	2.3	-	-	-
1981	2.2	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	3.0	-	-	-
1978	3.0	-	-	-
1979	3.0	-	-	-
1980	3.0	-	-	-
1981	3.1	-	-	-

See footnotes at end of tables.

NEW JERSEY

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
VINELAND-MILLVILLE-BRIDGETON[1] (CON.)				
WHOLESALE AND RETAIL TRADE				
1977	8.6	-	-	-
1978	9.1	-	-	-
1979	9.3	-	-	-
1980	9.0	-	-	-
1981	8.9	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	2.4	-	-	-
1978	2.2	-	-	-
1979	2.1	-	-	-
1980	2.4	-	-	-
1981	2.5	-	-	-
SERVICES AND MINING				
1977	7.9	-	-	-
1978	8.2	-	-	-
1979	8.3	-	-	-
1980	8.5	-	-	-
1981	8.7	-	-	-
GOVERNMENT				
1977	11.1	-	-	-
1978	11.9	-	-	-
1979	11.4	-	-	-
1980	11.5	-	-	-
1981	11.0	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Production or nonsupervisory workers: Average weekly hours	Production or nonsupervisory workers: Average hourly earnings (dollars)
STATEWIDE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	415.4	-	-	-
1978	444.3	-	-	-
1979	461.0	-	-	-
1980	465.4	-	-	-
1981	475.3	-	-	-
MINING				
1977	23.4	291.72	42.9	6.80
1978	24.4	326.00	43.7	7.46
1979	27.1	371.77	44.9	8.28
1980	29.4	395.60	43.0	9.20
1981	31.3	437.47	44.1	9.92
METAL MINING — SIC 10				
1977	9.8	-	-	-
1978	10.0	-	-	-
1979	11.2	-	-	-
1980	10.7	-	-	-
1981	9.6	-	-	-
BITUMINOUS COAL AND NONMETALLIC MINERALS, EXCEPT FUELS — SIC 12,14				
1977	4.5	-	-	-
1978	4.6	-	-	-
1979	5.0	-	-	-
1980	5.3	-	-	-
1981	5.5	-	-	-
OIL AND GAS EXTRACTION — SIC 13				
1977	9.2	-	-	-
1978	9.9	-	-	-
1979	11.0	-	-	-
1980	13.4	-	-	-
1981	16.1	-	-	-
CONSTRUCTION				
1977	30.7	284.24	37.4	7.60
1978	35.0	305.11	37.3	8.18
1979	35.6	305.89	34.8	8.79
1980	32.1	342.61	35.8	9.57
1981	33.0	369.94	36.7	10.08
MANUFACTURING				
1977	32.2	171.88	38.8	4.43
1978	33.4	187.77	39.2	4.79
1979	34.8	211.72	39.5	5.36
1980	34.4	230.44	39.8	5.79
1981	34.1	258.59	39.6	6.53
DURABLE GOODS				
1977	18.7	183.22	38.9	4.71
1978	19.4	205.88	39.9	5.16
1979	20.6	234.03	40.7	5.75
1980	20.5	257.09	41.2	6.24
1981	20.8	279.45	40.5	6.90
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	3.2	-	-	-
1978	3.2	-	-	-
1979	3.2	-	-	-
1980	2.6	-	-	-
1981	2.6	-	-	-
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	3.3	-	-	-
1978	3.7	-	-	-
1979	3.6	-	-	-
STATEWIDE (Con.)				
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36 (Con.)				
1980	3.5	-	-	-
1981	3.4	-	-	-
TRANSPORTATION EQUIPMENT — SIC 37				
1977	2.2	-	-	-
1978	2.7	-	-	-
1979	3.5	-	-	-
1980	3.9	-	-	-
1981	3.7	-	-	-
NONDURABLE GOODS				
1977	13.5	153.64	38.7	3.97
1978	14.0	160.02	38.1	4.20
1979	14.2	176.06	37.7	4.67
1980	13.8	185.50	37.4	4.96
1981	13.2	217.73	37.8	5.76
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	4.7	-	-	-
1978	4.6	-	-	-
1979	4.7	-	-	-
1980	4.6	-	-	-
1981	4.1	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	24.6	-	-	-
1978	26.6	-	-	-
1979	28.1	-	-	-
1980	28.3	-	-	-
1981	29.0	-	-	-
RAILROAD TRANSPORTATION — SIC 40				
1977	2.8	-	-	-
1978	3.0	-	-	-
1979	3.0	-	-	-
1980	3.1	-	-	-
1981	3.0	-	-	-
TRUCKING AND WAREHOUSING — SIC 42				
1977	5.1	-	-	-
1978	5.7	-	-	-
1979	5.8	-	-	-
1980	5.4	-	-	-
1981	5.7	-	-	-
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	13.4	256.59	40.6	6.32
1978	14.5	279.61	40.7	6.87
1979	15.7	302.12	41.5	7.28
1980	16.3	323.47	41.9	7.72
1981	16.8	355.56	41.2	8.63
COMMUNICATION — SIC 48				
1977	6.1	-	-	-
1978	6.5	-	-	-
1979	7.2	-	-	-
1980	7.5	-	-	-
1981	7.4	-	-	-
ELECTRIC, GAS, AND SANITARY SERVICES — SIC 49				
1977	7.3	-	-	-
1978	8.0	-	-	-
1979	8.5	-	-	-
1980	8.8	-	-	-
1981	9.4	-	-	-
STATEWIDE (Con.)				
WHOLESALE AND RETAIL TRADE				
1977	95.5	-	-	-
1978	101.2	-	-	-
1979	104.1	-	-	-
1980	103.4	-	-	-
1981	106.6	-	-	-
WHOLESALE AND RETAIL TRADE, EXCEPT EATING AND DRINKING PLACES — SIC 50-57,59				
1977	72.2	166.32	36.0	4.62
1978	75.7	177.93	35.8	4.97
1979	77.9	193.60	35.2	5.50
1980	76.9	219.80	35.0	6.28
1981	78.3	235.80	35.3	6.68
WHOLESALE TRADE — SIC 50,51				
1977	18	-	-	-
1978	20.1	-	-	-
1979	21.2	-	-	-
1980	21.4	-	-	-
1981	22.7	-	-	-
WHOLESALE TRADE - DURABLE GOODS — SIC 50				
1977	11.1	-	-	-
1978	12.2	-	-	-
1979	13.0	-	-	-
1980	12.9	-	-	-
1981	13.7	-	-	-
WHOLESALE TRADE - NONDURABLE GOODS — SIC 51				
1977	7.7	-	-	-
1978	7.9	-	-	-
1979	8.2	-	-	-
1980	8.5	-	-	-
1981	9.0	-	-	-
RETAIL TRADE — SIC 52-59				
1977	76.7	-	-	-
1978	81.1	-	-	-
1979	82.9	-	-	-
1980	82.0	-	-	-
1981	83.9	-	-	-
GENERAL MERCHANDISE STORES — SIC 53				
1977	10.1	-	-	-
1978	10.8	-	-	-
1979	10.8	-	-	-
1980	10.7	-	-	-
1981	10.7	-	-	-
FOOD STORES — SIC 54				
1977	10.6	-	-	-
1978	10.8	-	-	-
1979	11.2	-	-	-
1980	11.6	-	-	-
1981	12.0	-	-	-
AUTOMOTIVE DEALERS AND SERVICE STATIONS — SIC 55				
1977	12.8	-	-	-
1978	13.0	-	-	-
1979	13.2	-	-	-
1980	12.6	-	-	-
1981	11.9	-	-	-
EATING AND DRINKING PLACES — SIC 58				
1977	23.3	-	-	-
1978	25.5	-	-	-
1979	26.2	-	-	-

See footnotes at end of tables.

NEW MEXICO

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
EATING AND DRINKING PLACES — SIC 58 (Con.)				
1980	26.5	-	-	-
1981	28.3	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	18.3	-	-	-
1978	19.8	-	-	-
1979	21.2	-	-	-
1980	21.1	-	-	-
1981	21.5	-	-	-
BANKING — SIC 60				
1977	6.0	126.17	37.0	3.41
1978	6.4	136.42	39.2	3.48
1979	6.9	150.43	41.1	3.66
1980	7.0	157.54	37.6	4.19
1981	7.4	174.93	37.7	4.64
INSURANCE CARRIERS, AGENTS AND BROKERS — SIC 63,64				
1977	4.7	-	-	-
1978	5.1	-	-	-
1979	5.4	-	-	-
1980	5.4	-	-	-
1981	5.4	-	-	-
SERVICES				
1977	79.7	-	-	-
1978	87.3	-	-	-
1979	89.6	-	-	-
1980	91.8	-	-	-
1981	94.3	-	-	-
HOTELS AND OTHER LODGING PLACES — SIC 70				
1977	9.0	-	-	-
1978	9.2	-	-	-
1979	9.6	-	-	-
1980	9.7	-	-	-
1981	10.1	-	-	-
PERSONAL SERVICES — SIC 72				
1977	4.3	-	-	-
1978	4.5	-	-	-
1979	4.5	-	-	-
1980	4.6	-	-	-
1981	4.6	-	-	-
BUSINESS SERVICES — SIC 73				
1977	15.4	-	-	-
1978	16.5	-	-	-
1979	18.3	-	-	-
1980	18.9	-	-	-
1981	20.3	-	-	-
HEALTH SERVICES — SIC 80				
1977	17.0	-	-	-
1978	18.2	-	-	-
1979	19.2	-	-	-
1980	20.8	-	-	-
1981	22.1	-	-	-
SOCIAL SERVICES — SIC 83				
1977	10.1	-	-	-
1978	12.8	-	-	-
1979	10.4	-	-	-
1980	10.3	-	-	-
1981	8.9	-	-	-
MEMBERSHIP ORGANIZATIONS — SIC 86				
1977	4.8	-	-	-
1978	5.8	-	-	-
1979	6.1	-	-	-
1980	5.3	-	-	-
1981	5.0	-	-	-
GOVERNMENT				
1977	111.0	-	-	-
1978	116.6	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
GOVERNMENT (Con.)				
1979	120.5	-	-	-
1980	125.0	-	-	-
1981	125.5	-	-	-
FEDERAL GOVERNMENT				
1977	28.3	-	-	-
1978	29.0	-	-	-
1979	29.4	-	-	-
1980	30.2	-	-	-
1981	29.6	-	-	-
STATE GOVERNMENT				
1977	35.5	-	-	-
1978	38.1	-	-	-
1979	40.6	-	-	-
1980	42.7	-	-	-
1981	44.1	-	-	-
LOCAL GOVERNMENT				
1977	47.2	-	-	-
1978	49.6	-	-	-
1979	50.6	-	-	-
1980	52.0	-	-	-
1981	51.9	-	-	-
ALBUQUERQUE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	164.9	-	-	-
1978	178.0	-	-	-
1979	186.8	-	-	-
1980	186.9	-	-	-
1981	188.9	-	-	-
CONSTRUCTION				
1977	12.4	-	-	-
1978	15.0	-	-	-
1979	15.6	-	-	-
1980	13.1	-	-	-
1981	12.0	-	-	-
MANUFACTURING				
1977	16.4	175.11	39.0	4.49
1978	17.2	190.16	39.7	4.79
1979	17.9	214.92	39.8	5.40
1980	17.9	246.60	41.1	6.00
1981	17.7	265.46	40.1	6.62
DURABLE GOODS				
1977	11.2	-	-	-
1978	11.8	-	-	-
1979	12.3	-	-	-
1980	12.3	-	-	-
1981	12.2	-	-	-
NONDURABLE GOODS				
1977	5.1	-	-	-
1978	5.4	-	-	-
1979	5.5	-	-	-
1980	5.6	-	-	-
1981	5.5	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	9.2	-	-	-
1978	10.3	-	-	-
1979	11.4	-	-	-
1980	11.6	-	-	-
1981	11.8	-	-	-
TRANSPORTATION — SIC 40-42,44-47				
1977	4.7	-	-	-
1978	5.2	-	-	-
1979	5.5	-	-	-
1980	5.4	-	-	-
1981	5.5	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
ALBUQUERQUE (Con.)				
COMMUNICATION — SIC 48				
1977	3.0	-	-	-
1978	3.3	-	-	-
1979	3.9	-	-	-
1980	4.1	-	-	-
1981	4.1	-	-	-
ELECTRIC, GAS, AND SANITARY SERVICES — SIC 49				
1977	1.6	-	-	-
1978	1.7	-	-	-
1979	1.9	-	-	-
1980	2.1	-	-	-
1981	2.3	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	42.6	-	-	-
1978	45.2	-	-	-
1979	47.2	-	-	-
1980	46.9	-	-	-
1981	47.9	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	10.9	-	-	-
1978	11.9	-	-	-
1979	12.8	-	-	-
1980	12.7	-	-	-
1981	13.3	-	-	-
WHOLESALE TRADE - DURABLE GOODS — SIC 50				
1977	7.2	-	-	-
1978	8.0	-	-	-
1979	8.7	-	-	-
1980	8.5	-	-	-
1981	8.8	-	-	-
WHOLESALE TRADE - NONDURABLE GOODS — SIC 51				
1977	3.8	-	-	-
1978	3.9	-	-	-
1979	4.1	-	-	-
1980	4.2	-	-	-
1981	4.4	-	-	-
RETAIL TRADE — SIC 52-59				
1977	31.7	-	-	-
1978	33.3	-	-	-
1979	34.3	-	-	-
1980	34.2	-	-	-
1981	34.6	-	-	-
GENERAL MERCHANDISE STORES — SIC 53				
1977	4.5	-	-	-
1978	4.8	-	-	-
1979	4.7	-	-	-
1980	4.4	-	-	-
1981	4.1	-	-	-
FOOD STORES — SIC 54				
1977	3.7	-	-	-
1978	3.7	-	-	-
1979	3.9	-	-	-
1980	4.0	-	-	-
1981	4.0	-	-	-
AUTOMOTIVE DEALERS AND SERVICE STATIONS — SIC 55				
1977	4.4	-	-	-
1978	4.4	-	-	-
1979	4.6	-	-	-
1980	4.4	-	-	-
1981	4.3	-	-	-
EATING AND DRINKING PLACES — SIC 58				
1977	9.9	-	-	-
1978	10.8	-	-	-
1979	11.3	-	-	-
1980	11.6	-	-	-
1981	12.6	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
ALBUQUERQUE (Con.)				
FINANCE, INSURANCE, AND REAL ESTATE				
1977	9.3	-	-	-
1978	10.1	-	-	-
1979	10.8	-	-	-
1980	10.9	-	-	-
1981	10.9	-	-	-
BANKING — SIC 60				
1977	2.3	-	-	-
1978	2.4	-	-	-
1979	2.7	-	-	-
1980	2.8	-	-	-
1981	2.9	-	-	-
INSURANCE CARRIERS, AGENTS AND BROKERS — SIC 63,64				
1977	2.9	-	-	-
1978	3.2	-	-	-
1979	3.3	-	-	-
1980	3.3	-	-	-
1981	3.4	-	-	-
SERVICES AND MINING				
1977	37.1	-	-	-
1978	40.1	-	-	-
1979	42.7	-	-	-
1980	43.6	-	-	-
1981	45.5	-	-	-
HOTELS AND OTHER LODGING PLACES — SIC 70				
1977	2.5	-	-	-
1978	2.6	-	-	-
1979	2.7	-	-	-
1980	2.6	-	-	-
1981	2.7	-	-	-
HEALTH SERVICES — SIC 80				
1977	8.5	-	-	-
1978	8.8	-	-	-
1979	9.2	-	-	-
1980	9.8	-	-	-
1981	10.5	-	-	-
SOCIAL SERVICES — SIC 83				
1977	2.6	-	-	-
1978	2.8	-	-	-
1979	2.8	-	-	-
1980	2.7	-	-	-
1981	2.6	-	-	-
MEMBERSHIP ORGANIZATIONS — SIC 86				
1977	1.2	-	-	-
1978	1.5	-	-	-
1979	1.6	-	-	-
1980	1.5	-	-	-
1981	1.6	-	-	-
GOVERNMENT				
1977	38.0	-	-	-
1978	40.1	-	-	-
1979	41.2	-	-	-
1980	43.0	-	-	-
1981	42.9	-	-	-
FEDERAL GOVERNMENT				
1977	11.8	-	-	-
1978	12.3	-	-	-
1979	12.4	-	-	-
1980	12.8	-	-	-
1981	12.7	-	-	-
STATE GOVERNMENT				
1977	9.6	-	-	-
1978	10.0	-	-	-
1979	10.5	-	-	-
1980	11.4	-	-	-
1981	12.0	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
ALBUQUERQUE (Con.)				
LOCAL GOVERNMENT				
1977	16.5	-	-	-
1978	17.7	-	-	-
1979	18.3	-	-	-
1980	18.8	-	-	-
1981	18.3	-	-	-
LAS CRUCES				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	26.9	-	-	-
1978	28.8	-	-	-
1979	29.6	-	-	-
1980	29.5	-	-	-
1981	29.9	-	-	-
CONSTRUCTION				
1977	1.9	-	-	-
1978	2.1	-	-	-
1979	2.1	-	-	-
1980	1.8	-	-	-
1981	1.7	-	-	-
MANUFACTURING				
1977	2.1	-	-	-
1978	2.6	-	-	-
1979	2.8	-	-	-
1980	2.6	-	-	-
1981	2.6	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	1.2	-	-	-
1978	1.2	-	-	-
1979	1.2	-	-	-
1980	1.1	-	-	-
1981	1.2	-	-	-
TRANSPORTATION — SIC 40-42,44-47				
1977	.6	-	-	-
1978	.6	-	-	-
1979	.6	-	-	-
1980	.5	-	-	-
1981	.5	-	-	-
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	.6	-	-	-
1978	.6	-	-	-
1979	.6	-	-	-
1980	.6	-	-	-
1981	.6	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	5.4	-	-	-
1978	5.5	-	-	-
1979	5.5	-	-	-
1980	5.4	-	-	-
1981	5.5	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	.9	-	-	-
1978	.8	-	-	-
1979	.8	-	-	-
1980	.8	-	-	-
1981	.9	-	-	-
RETAIL TRADE — SIC 52-59				
1977	4.5	-	-	-
1978	4.7	-	-	-
1979	4.7	-	-	-
1980	4.6	-	-	-
1981	4.5	-	-	-
GENERAL MERCHANDISE STORES — SIC 53				
1978	.6	-	-	-
1979	.6	-	-	-
1980	.6	-	-	-
1981	.7	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
LAS CRUCES (Con.)				
FOOD STORES — SIC 54				
1977	0.5	-	-	-
1978	.5	-	-	-
1979	.6	-	-	-
1980	.6	-	-	-
1981	.6	-	-	-
AUTOMOTIVE DEALERS AND SERVICE STATIONS — SIC 55				
1977	.9	-	-	-
1978	.8	-	-	-
1979	.9	-	-	-
1980	.8	-	-	-
1981	.7	-	-	-
EATING AND DRINKING PLACES — SIC 58				
1977	1.4	-	-	-
1978	1.6	-	-	-
1979	1.5	-	-	-
1980	1.6	-	-	-
1981	1.6	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	.9	-	-	-
1978	1.1	-	-	-
1979	1.2	-	-	-
1980	1.2	-	-	-
1981	1.2	-	-	-
SERVICES				
1977	3.5	-	-	-
1978	3.9	-	-	-
1979	4.1	-	-	-
1980	4.0	-	-	-
1981	4.1	-	-	-
HOTELS AND OTHER LODGING PLACES — SIC 70				
1977	.5	-	-	-
1978	.6	-	-	-
1979	.6	-	-	-
1980	.7	-	-	-
1981	.6	-	-	-
BUSINESS SERVICES — SIC 73				
1977	.7	-	-	-
1978	.7	-	-	-
1979	.8	-	-	-
1980	.7	-	-	-
1981	.7	-	-	-
HEALTH SERVICES — SIC 80				
1977	.5	-	-	-
1978	.6	-	-	-
1979	.6	-	-	-
1980	.6	-	-	-
1981	.7	-	-	-
SOCIAL SERVICES — SIC 83				
1977	.5	-	-	-
1978	.6	-	-	-
1979	.6	-	-	-
1980	.5	-	-	-
1981	.4	-	-	-
GOVERNMENT				
1977	11.9	-	-	-
1978	12.4	-	-	-
1979	12.7	-	-	-
1980	13.4	-	-	-
1981	13.5	-	-	-
FEDERAL GOVERNMENT				
1977	4.1	-	-	-
1978	4.2	-	-	-
1979	4.1	-	-	-
1980	4.3	-	-	-
1981	4.2	-	-	-

See footnotes at end of tables.

NEW MEXICO

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
LAS CRUCES (Con.)				
STATE GOVERNMENT				
1977	4.2	-	-	-
1978	4.6	-	-	-
1979	4.8	-	-	-
1980	5.0	-	-	-
1981	5.1	-	-	-
LOCAL GOVERNMENT				
1977	3.6	-	-	-
1978	3.7	-	-	-
1979	3.8	-	-	-
1980	4.0	-	-	-
1981	4.2	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	6,857.6	-	-	-
1978	7,044.5	-	-	-
1979	7,179.4	-	-	-
1980	7,207.2	-	-	-
1981	7,281.4	-	-	-
MINING				
1977	6.9	-	-	-
1978	6.3	-	-	-
1979	5.9	-	-	-
1980	6.1	-	-	-
1981	6.3	-	-	-
CONSTRUCTION				
1977	190.2	-	-	-
1978	199.2	-	-	-
1979	210.3	-	-	-
1980	209.3	-	-	-
1981	211.4	-	-	-
GENERAL BUILDING CONTRACTORS — SIC 15				
1977	38.9	-	-	-
1978	41.6	-	-	-
1979	42.7	-	-	-
1980	41.7	-	-	-
1981	42.2	-	-	-
HEAVY CONSTRUCTION CONTRACTORS — SIC 16				
1977	30.3	-	-	-
1978	31.9	-	-	-
1979	33.4	-	-	-
1980	30.9	-	-	-
1981	29.4	-	-	-
SPECIAL TRADE CONTRACTORS — SIC 17				
1977	121.0	-	-	-
1978	125.7	-	-	-
1979	134.2	-	-	-
1980	136.6	-	-	-
1981	139.8	-	-	-
MANUFACTURING				
1977	1,459.6	224.53	39.6	5.67
1978	1,481.2	241.98	39.8	6.08
1979	1,492.8	260.17	39.6	6.57
1980	1,445.1	282.89	39.4	7.18
1981	1,432.0	308.90	39.4	7.84
DURABLE GOODS				
1977	722.6	255.02	41.4	6.16
1978	745.3	275.56	41.5	6.64
1979	767.6	297.67	41.4	7.19
1980	744.6	321.44	41.0	7.84
1981	740.7	352.51	40.8	8.64
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	14.5	167.51	39.6	4.23
1978	14.5	177.91	39.8	4.47
1979	15.5	191.92	39.9	4.81
1980	14.4	210.14	39.8	5.28
1981	13.9	231.67	39.2	5.91
FURNITURE AND FIXTURES — SIC 25				
1977	23.0	184.08	39.0	4.72
1978	23.8	196.32	39.5	4.97
1979	23.7	207.36	39.8	5.21
1980	22.9	225.19	39.3	5.73
1981	21.9	243.89	39.4	6.19
STATEWIDE (Con.)				
HOUSEHOLD FURNITURE — SIC 251				
1977	10.3	182.83	38.9	4.70
1978	10.2	197.06	39.1	5.04
1979	9.7	214.13	40.1	5.34
1980	9.4	231.46	38.9	5.95
1981	8.9	251.94	39.0	6.46
PARTITIONS AND FIXTURES — SIC 254				
1977	7.0	196.83	38.9	5.06
1978	7.4	203.06	39.2	5.18
1979	7.6	214.56	38.8	5.53
1980	7.0	239.20	39.8	6.01
1981	6.0	254.32	39.8	6.39
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	38.3	251.93	41.3	6.10
1978	39.5	274.73	41.5	6.62
1979	40.3	297.62	41.8	7.12
1980	38.3	319.97	41.5	7.71
1981	36.2	354.32	41.2	8.60
GLASS AND GLASSWARE, PRESSED OR BLOWN — SIC 322				
1977	10.2	254.82	41.3	6.17
1978	10.8	278.92	41.2	6.77
1979	11.2	307.64	42.2	7.29
1980	10.5	322.46	41.5	7.77
1981	10.0	359.72	41.3	8.71
MISCELLANEOUS NONMETALLIC MINERAL PRODUCTS — SIC 329				
1977	12.3	240.85	41.1	5.86
1978	12.9	257.40	40.6	6.34
1979	13.4	276.08	40.6	6.80
1980	12.7	305.31	40.6	7.52
1981	11.9	335.76	40.6	8.27
PRIMARY METAL INDUSTRIES — SIC 33				
1977	57.8	311.08	41.7	7.46
1978	56.6	339.04	41.6	8.15
1979	58.7	370.60	41.5	8.93
1980	53.1	392.28	40.4	9.71
1981	51.0	431.88	40.4	10.69
BLAST FURNACE AND BASIC STEEL PRODUCTS — SIC 331				
1977	21.8	335.76	40.6	8.27
1978	20.5	381.51	41.2	9.26
1979	21.0	423.54	41.2	10.28
1980	18.3	452.17	40.3	11.22
1981	18.0	497.60	40.0	12.44
IRON AND STEEL FOUNDRIES — SIC 332				
1977	9.3	338.57	43.8	7.73
1978	9.2	356.90	43.0	8.30
1979	9.4	386.55	42.2	9.16
1980	8.0	394.02	39.8	9.90
1981	6.9	422.14	39.9	10.58
NONFERROUS ROLLING AND DRAWING — SIC 335				
1977	13.8	-	-	-
1978	13.6	-	-	-
1979	14.7	-	-	-
1980	14.0	-	-	-
1981	14.0	-	-	-
NONFERROUS FOUNDRIES — SIC 336				
1977	6.2	289.80	42.0	6.90
1978	6.5	295.32	40.4	7.31
1979	6.7	323.58	40.6	7.97
STATEWIDE (Con.)				
NONFERROUS FOUNDRIES — SIC 336 (Con.)				
1980	5.9	341.28	39.5	8.64
1981	5.6	382.24	39.9	9.58
FABRICATED METAL PRODUCTS — SIC 34				
1977	80.9	243.95	41.7	5.85
1978	84.2	259.37	41.7	6.22
1979	85.0	268.96	41.0	6.56
1980	81.8	287.96	40.5	7.11
1981	80.0	311.55	40.2	7.75
CUTLERY, HAND TOOLS, AND HARDWARE — SIC 342				
1977	11.3	196.09	40.1	4.89
1978	11.8	207.72	40.1	5.18
1979	11.6	221.69	39.8	5.57
1980	11.0	234.81	39.2	5.99
1981	10.5	257.28	39.1	6.58
FABRICATED STRUCTURAL METAL PRODUCTS — SIC 344				
1977	22.2	234.77	40.2	5.84
1978	22.5	247.66	40.6	6.10
1979	23.3	267.90	40.9	6.55
1980	23.1	290.70	40.6	7.16
1981	23.3	312.26	40.5	7.71
SCREW MACHINE PRODUCTS, BOLTS, ETC. — SIC 345				
1977	5.1	213.92	41.7	5.13
1978	5.8	233.10	42.0	5.55
1979	6.2	245.86	41.6	5.91
1980	6.2	253.66	40.2	6.31
1981	6.0	270.27	40.1	6.74
METAL FORGINGS AND STAMPINGS — SIC 346				
1977	15.5	343.87	44.6	7.71
1978	16.1	352.03	43.3	8.13
1979	15.9	343.18	41.1	8.35
1980	14.0	358.18	40.2	8.91
1981	13.8	400.58	40.3	9.94
MISC. FABRICATED METAL PRODUCTS — SIC 349				
1977	9.7	210.22	41.3	5.09
1978	10.4	233.07	42.3	5.51
1979	10.6	246.10	41.5	5.93
1980	10.7	261.99	41.0	6.39
1981	10.9	288.97	40.7	7.10
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	158.0	260.63	41.7	6.25
1978	166.8	279.36	42.2	6.62
1979	173.6	306.18	42.0	7.29
1980	172.5	332.38	41.6	7.99
1981	171.9	362.56	41.2	8.80
ENGINES AND TURBINES — SIC 351				
1977	18.4	267.20	40.0	6.68
1978	18.5	282.96	39.3	7.20
1979	17.7	303.81	39.1	7.77
1980	17.2	348.87	40.1	8.70
1981	16.8	379.75	40.1	9.47
CONSTRUCTION AND RELATED MACHINERY — SIC 353				
1977	7.4	236.16	41.0	5.76
1978	8.0	263.75	42.2	6.25
1979	8.2	273.82	41.3	6.63
1980	7.4	296.87	40.5	7.33
1981	6.6	338.08	40.2	8.41

See footnotes at end of tables.

NEW YORK

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
METALWORKING MACHINERY — SIC 354				
1977	18.6	258.34	41.6	6.21
1978	19.9	278.14	41.7	6.67
1979	21.0	304.38	42.1	7.23
1980	21.5	324.99	41.4	7.85
1981	21.0	345.72	40.2	8.60
SPECIAL INDUSTRY MACHINERY — SIC 355				
1977	12.7	257.52	43.5	5.92
1978	13.5	274.34	42.6	6.44
1979	13.9	297.89	42.8	6.96
1980	13.8	323.67	42.7	7.58
1981	13.5	339.36	42.0	8.08
GENERAL INDUSTRIAL MACHINERY — SIC 356				
1977	26.0	236.98	41.0	5.78
1978	26.7	253.15	41.5	6.10
1979	28.0	274.39	41.2	6.66
1980	27.4	300.11	40.5	7.41
1981	26.7	329.66	40.4	8.16
OFFICE AND COMPUTING MACHINES — SIC 357				
1977	47.5	–	–	–
1978	51.9	–	–	–
1979	54.7	282.38	42.4	6.66
1980	55.0	302.15	42.2	7.16
1981	57.0	332.78	42.5	7.83
REFRIGERATION AND SERVICE MACHINERY — SIC 358				
1977	10.6	243.08	43.1	5.64
1978	11.1	268.77	45.4	5.92
1979	11.7	276.51	44.1	6.27
1980	11.2	316.57	44.4	7.13
1981	11.2	342.66	44.1	7.77
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	148.3	218.43	40.6	5.38
1978	155.6	232.70	40.4	5.76
1979	162.9	250.48	40.4	6.20
1980	158.9	277.82	40.5	6.86
1981	160.5	303.35	40.5	7.49
ELECTRICAL INDUSTRIAL APPARATUS — SIC 362				
1977	22.9	276.75	41.0	6.75
1978	22.5	298.00	40.6	7.34
1979	22.4	322.80	40.3	8.01
1980	21.3	349.06	40.4	8.64
1981	20.4	392.20	40.6	9.66
HOUSEHOLD APPLIANCES — SIC 363				
1977	5.5	–	–	–
1978	5.8	–	–	–
1979	5.9	–	–	–
1980	5.3	–	–	–
1981	5.1	266.26	38.7	6.88
ELECTRIC LIGHTING AND WIRING EQUIPMENT — SIC 364				
1977	23.6	192.06	38.8	4.95
1978	24.9	209.97	39.1	5.37
1979	26.4	232.26	39.5	5.88
1980	25.1	260.70	39.5	6.60
1981	24.9	286.24	39.7	7.21
RADIO AND TV RECEIVING EQUIPMENT — SIC 365				
1977	10.2	–	–	–
1978	9.9	–	–	–
1979	9.6	207.76	39.8	5.22
1980	8.5	222.08	39.8	5.58
1981	7.3	–	–	–
COMMUNICATION EQUIPMENT — SIC 366				
1977	40.7	–	–	–
1978	42.4	271.34	41.3	6.57
1979	44.5	290.75	41.3	7.04
1980	45.4	323.29	41.5	7.79
1981	48.2	352.38	42.0	8.39
STATEWIDE (Con.)				
ELECTRONIC COMPONENTS AND ACCESSORIES — SIC 367				
1977	34.7	184.17	40.3	4.57
1978	37.8	199.75	40.6	4.92
1979	40.8	210.20	40.5	5.19
1980	40.7	239.03	41.0	5.83
1981	41.9	250.50	40.6	6.17
TRANSPORTATION EQUIPMENT — SIC 37				
1977	79.1	329.56	42.8	7.70
1978	80.8	351.50	42.4	8.29
1979	80.8	377.78	42.4	8.91
1980	73.5	418.49	42.4	9.87
1981	71.7	455.78	41.7	10.93
MOTOR VEHICLES AND EQUIPMENT — SIC 371				
1977	39.3	347.33	43.2	8.04
1978	41.4	368.05	42.5	8.66
1979	41.8	396.37	41.9	9.46
1980	34.2	442.24	41.8	10.58
1981	33.1	478.74	40.4	11.85
AIRCRAFT AND PARTS — SIC 372				
1977	28.2	298.15	44.5	6.70
1978	28.3	316.20	44.1	7.17
1979	29.7	357.15	44.7	7.99
1980	30.7	393.83	44.4	8.87
1981	30.6	437.78	44.4	9.86
INSTRUMENTS AND RELATED PRODUCTS — SIC 38				
1977	122.6	258.75	41.6	6.22
1978	123.5	280.06	41.8	6.70
1979	127.2	305.76	41.6	7.35
1980	129.3	336.17	41.4	8.12
1981	133.6	379.13	41.8	9.07
ENGINEERING AND SCIENTIFIC INSTRUMENTS — SIC 381				
1977	9.9	–	–	–
1978	10.3	285.79	41.6	6.87
1979	11.0	316.76	41.9	7.56
1980	11.4	340.73	41.3	8.25
1981	11.5	385.64	42.1	9.16
MEASURING AND CONTROLLING DEVICES — SIC 382				
1977	9.5	194.14	40.7	4.77
1978	10.1	204.82	40.8	5.02
1979	10.8	222.49	40.6	5.48
1980	11.9	246.04	40.4	6.09
1981	12.8	275.11	41.0	6.71
MEDICAL INSTRUMENTS AND SUPPLIES — SIC 384				
1977	12.4	190.70	41.1	4.64
1978	12.7	199.84	40.7	4.91
1979	13.1	209.22	39.7	5.27
1980	13.5	223.47	39.0	5.73
1981	13.8	245.57	39.8	6.17
OPHTHALMIC GOODS — SIC 385				
1977	8.6	186.87	40.1	4.66
1978	8.9	202.50	40.5	5.00
1979	9.3	213.31	40.4	5.28
1980	9.3	231.38	40.1	5.77
1981	8.5	250.04	39.5	6.33
PHOTOGRAPHIC EQUIPMENT AND SUPPLIES — SIC 386				
1977	75.2	298.07	42.1	7.08
1978	74.8	328.87	42.6	7.72
1979	76.8	361.25	42.4	8.52
1980	77.5	404.80	42.7	9.48
1981	81.9	448.35	42.7	10.50
NONDURABLE GOODS				
1977	737.0	197.22	38.0	5.19
1978	736.0	210.10	38.2	5.50
1979	725.3	224.96	38.0	5.92
1980	700.5	244.57	37.8	6.47
1981	691.2	264.86	38.0	6.97
STATEWIDE (Con.)				
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	95.0	231.28	41.3	5.6
1978	95.2	247.39	41.3	5.9
1979	93.7	265.82	41.6	6.3
1980	90.1	288.27	41.9	6.8
1981	88.9	317.82	41.6	7.6
MEAT PRODUCTS — SIC 201				
1977	8.1	–	–	–
1978	8.1	–	–	–
1979	8.2	–	–	–
1980	8.0	–	–	–
1981	7.7	347.73	41.2	8.4
PRESERVED FRUITS AND VEGETABLES — SIC 203				
1977	13.3	181.77	41.5	4.3
1978	13.5	195.70	41.2	4.7
1979	13.3	210.12	40.8	5.1
1980	12.4	225.99	40.5	5.5
1981	11.4	238.40	40.0	5.9
GRAIN MILL PRODUCTS — SIC 204				
1977	5.7	308.41	46.8	6.5
1978	5.8	331.87	45.4	7.3
1979	5.9	365.77	46.3	7.7
1980	6.0	384.02	45.5	8.3
1981	5.8	419.43	46.5	9.0
BAKERY PRODUCTS — SIC 205				
1977	18.3	–	–	–
1978	18.3	–	–	–
1979	17.5	–	–	–
1980	16.9	–	–	–
1981	17.0	340.94	40.3	8.4
SUGAR AND CONFECTIONERY PRODUCTS — SIC 206				
1977	10.2	–	–	–
1978	9.8	–	–	–
1979	9.0	270.16	41.5	6.5
1980	8.3	278.92	41.2	6.7
1981	7.6	311.25	41.5	7.5
BEVERAGES — SIC 208				
1977	15.5	–	–	–
1978	16.2	–	–	–
1979	15.9	–	–	–
1980	15.0	306.54	39.1	7.8
1981	15.3	344.06	40.1	8.5
TOBACCO MANUFACTURES — SIC 21				
1977	2.4	–	–	–
1978	2.6	–	–	–
1979	2.7	–	–	–
1980	2.9	–	–	–
1981	2.9	–	–	–
TEXTILE MILL PRODUCTS — SIC 22				
1977	43.9	170.25	39.5	4.3
1978	41.2	176.12	39.4	4.4
1979	37.5	184.61	39.7	4.6
1980	36.2	200.04	39.3	5.0
1981	34.9	221.35	40.1	5.4
WEAVING MILLS, COTTON, SYNTHETICS, AND WOOL — SIC 221-3				
1977	5.1	196.32	39.5	4.9
1978	4.8	207.63	39.7	5.2
1979	4.4	224.64	39.9	5.6
1980	4.2	249.40	39.4	6.3
1981	3.7	–	–	–
KNITTING MILLS — SIC 225				
1977	26.0	–	–	–
1978	23.5	–	–	–
1979	21.1	–	–	–
1980	20.6	–	–	–
1981	19.8	–	–	–

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
TEXTILE FINISHING, EXCEPT WOOL — SIC 226				
1977	4.1	202.04	44.6	4.53
1978	3.8	215.52	44.9	4.80
1979	3.2	217.50	42.9	5.07
1980	3.3	236.18	42.1	5.61
1981	3.4	266.22	42.8	6.22
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	184.5	150.95	34.7	4.35
1978	184.9	160.54	34.9	4.60
1979	177.7	168.71	34.5	4.89
1980	169.3	181.60	34.2	5.31
1981	165.7	193.33	34.4	5.62
MEN'S AND BOYS' SUITS AND COATS — SIC 231				
1977	15.2	187.68	36.8	5.10
1978	13.6	197.64	36.0	5.49
1979	11.7	211.45	35.9	5.89
1980	9.9	231.47	36.8	6.29
1981	9.7	248.34	37.4	6.64
MEN'S AND BOYS' FURNISHINGS — SIC 232				
1977	15.7	-	-	-
1978	15.9	-	-	-
1979	15.7	-	-	-
1980	15.7	181.23	37.6	4.82
1981	15.1	192.03	37.0	5.19
WOMEN'S AND MISSES' OUTERWEAR — SIC 233				
1977	86.2	152.88	33.6	4.55
1978	88.7	161.36	33.9	4.76
1979	86.4	168.00	33.4	5.03
1980	82.0	179.85	32.7	5.50
1981	81.0	191.81	32.9	5.83
WOMEN'S AND CHILDREN'S UNDERGARMENTS — SIC 234				
1977	12.8	133.28	34.0	3.92
1978	12.2	138.69	33.5	4.14
1979	10.7	150.18	33.9	4.43
1980	10.2	165.12	34.4	4.80
1981	9.8	175.04	34.8	5.03
MISCELLANEOUS APPAREL AND ACCESSORIES — SIC 238				
1977	12.5	146.50	35.3	4.15
1978	11.9	156.82	35.4	4.43
1979	11.7	163.79	35.3	4.64
1980	11.1	178.11	35.2	5.06
1981	10.4	195.61	35.5	5.51
MISC. FABRICATED TEXTILE PRODUCTS — SIC 239				
1977	24.7	-	-	-
1978	25.6	-	-	-
1979	25.3	155.30	36.2	4.29
1980	25.2	163.70	35.9	4.56
1981	24.8	174.00	36.1	4.82
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	51.4	229.38	42.4	5.41
1978	52.4	248.36	42.6	5.83
1979	52.2	266.48	42.5	6.27
1980	50.6	288.81	42.1	6.86
1981	49.8	309.21	42.3	7.31
PAPER MILLS, EXCEPT BUILDING PAPER — SIC 262				
1977	11.7	286.64	47.3	6.06
1978	11.8	315.23	46.7	6.75
1979	12.0	345.07	47.4	7.28
1980	11.6	379.89	46.9	8.10
1981	11.6	412.66	47.0	8.78
MISC. CONVERTED PAPER PRODUCTS — SIC 264				
1977	19.6	202.71	40.3	5.03
1978	20.4	215.20	40.3	5.34
1979	20.6	231.26	40.5	5.71
1980	20.5	253.31	40.4	6.27
1981	20.0	264.06	40.5	6.52

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
PAPERBOARD CONTAINERS AND BOXES — SIC 265				
1977	16.4	222.44	41.5	5.36
1978	16.6	243.23	42.3	5.75
1979	16.4	257.09	41.6	6.18
1980	15.4	273.88	41.0	6.68
1981	15.4	302.74	41.7	7.26
PRINTING AND PUBLISHING — SIC 27				
1977	148.2	290.53	37.2	7.81
1978	150.4	299.25	37.5	7.98
1979	154.8	317.69	37.2	8.54
1980	155.8	345.38	37.5	9.21
1981	156.1	363.07	37.2	9.76
NEWSPAPERS — SIC 271				
1977	34.3	-	-	-
1978	33.0	-	-	-
1979	33.8	-	-	-
1980	34.0	-	-	-
1981	34.1	-	-	-
PERIODICALS — SIC 272				
1977	24.8	-	-	-
1978	25.7	-	-	-
1979	26.4	-	-	-
1980	26.8	-	-	-
1981	27.7	-	-	-
BOOKS — SIC 273				
1977	22.5	225.50	39.7	5.68
1978	23.3	234.42	39.8	5.89
1979	24.3	249.71	39.7	6.29
1980	24.9	276.40	40.0	6.91
1981	24.8	303.35	40.5	7.49
COMMERCIAL PRINTING — SIC 275				
1977	37.4	295.96	39.2	7.55
1978	37.9	307.72	39.1	7.87
1979	38.7	328.77	39.0	8.43
1980	38.5	352.94	38.7	9.12
1981	38.3	377.51	38.6	9.78
BLANKBOOKS AND BOOKBINDING — SIC 278				
1977	8.5	204.62	39.2	5.22
1978	8.8	214.24	39.6	5.41
1979	9.0	217.06	38.9	5.58
1980	8.9	242.59	39.9	6.08
1981	8.9	251.46	38.1	6.60
PRINTING TRADE SERVICES — SIC 279				
1977	7.8	378.07	35.6	10.62
1978	8.0	401.80	35.0	11.48
1979	8.4	427.28	35.4	12.07
1980	8.6	436.68	36.0	12.13
1981	8.8	447.49	36.8	12.16
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	74.6	256.01	41.9	6.11
1978	73.5	274.80	41.7	6.59
1979	73.4	296.07	41.7	7.10
1980	71.7	317.89	41.5	7.66
1981	71.4	355.32	42.0	8.46
INDUSTRIAL INORGANIC CHEMICALS — SIC 281				
1977	9.1	285.60	40.8	7.00
1978	8.4	303.81	40.4	7.52
1979	8.1	320.69	39.3	8.16
1980	7.9	370.37	40.7	9.10
1981	7.7	398.12	40.5	9.83
PLASTICS MATERIALS AND SYNTHETICS — SIC 282				
1977	5.8	273.31	45.1	6.06
1978	6.0	314.88	48.0	6.56
1979	6.1	320.01	44.2	7.24
1980	5.8	346.46	43.2	8.02
1981	5.7	390.26	43.8	8.91

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
DRUGS — SIC 283				
1977	21.7	257.73	42.6	6.05
1978	21.3	280.87	42.3	6.64
1979	21.6	303.45	42.8	7.09
1980	21.6	327.17	42.6	7.68
1981	22.0	357.30	43.1	8.29
SOAP, CLEANERS, AND TOILET GOODS — SIC 284				
1977	18.5	-	-	-
1978	19.0	-	-	-
1979	18.8	-	-	-
1980	18.4	-	-	-
1981	19.0	309.91	40.3	7.69
INDUSTRIAL ORGANIC CHEMICALS — SIC 286				
1977	12.0	-	-	-
1978	11.4	-	-	-
1979	11.2	334.46	43.1	7.76
1980	10.9	346.90	41.2	8.42
1981	10.1	404.20	43.0	9.40
PETROLEUM AND COAL PRODUCTS — SIC 29				
1977	8.0	-	-	-
1978	7.7	-	-	-
1979	7.3	-	-	-
1980	6.8	-	-	-
1981	6.4	-	-	-
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS — SIC 30				
1977	31.4	188.54	40.2	4.69
1978	32.4	201.89	39.9	5.06
1979	32.8	217.71	39.8	5.47
1980	31.3	229.12	38.9	5.89
1981	31.8	254.27	39.3	6.47
RUBBER AND RUBBER PRODUCTS — SIC 301-4,6				
1977	3.9	253.86	42.1	6.03
1978	4.2	263.11	41.5	6.34
1979	4.0	292.58	41.5	7.05
1980	3.4	308.86	40.8	7.57
1981	3.5	342.78	41.2	8.32
MISCELLANEOUS PLASTICS PRODUCTS — SIC 307				
1977	27.5	179.15	39.9	4.49
1978	28.3	195.02	39.8	4.90
1979	28.8	208.30	39.6	5.26
1980	27.9	220.20	38.7	5.69
1981	28.3	244.38	39.1	6.25
LEATHER AND LEATHER PRODUCTS — SIC 31				
1977	30.0	139.13	37.4	3.72
1978	29.7	149.67	37.7	3.97
1979	29.3	158.84	37.2	4.27
1980	27.5	171.49	37.2	4.61
1981	27.7	186.00	37.5	4.96
FOOTWEAR, EXCEPT RUBBER — SIC 314				
1977	9.9	132.77	37.4	3.55
1978	9.9	148.98	38.2	3.90
1979	9.2	156.38	37.5	4.17
1980	8.8	171.65	38.4	4.47
1981	8.8	180.98	38.1	4.75
HANDBAGS AND PERSONAL LEATHER GOODS — SIC 317				
1977	11.2	132.33	37.7	3.51
1978	10.6	140.21	38.1	3.68
1979	11.1	149.74	38.2	3.92
1980	10.1	156.40	36.8	4.25
1981	10.1	171.00	38.0	4.50
MISCELLANEOUS MANUFACTURING INDUSTRIES — SIC 39				
1977	67.5	168.08	38.2	4.40
1978	66.0	180.50	38.0	4.75
1979	63.9	195.70	38.0	5.15
1980	58.4	214.50	37.5	5.72
1981	55.7	229.97	37.7	6.10

See footnotes at end of tables.

NEW YORK

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Production or nonsupervisory workers: Average weekly hours	Production or nonsupervisory workers: Average hourly earnings (dollars)
STATEWIDE (Con.)				
JEWELRY, SILVERWARE, AND PLATED WARE — SIC 391				
1977	17.8	196.86	38.3	5.14
1978	18.6	207.59	38.3	5.42
1979	17.9	226.53	38.2	5.93
1980	15.6	247.96	37.4	6.63
1981	15.5	-	-	-
TOYS AND SPORTING GOODS — SIC 394				
1977	16.0	149.76	38.4	3.90
1978	14.2	168.30	38.6	4.36
1979	14.3	176.15	37.4	4.71
1980	13.9	199.72	37.4	5.34
1981	13.4	218.30	37.9	5.76
PENS, PENCILS, OFFICE AND ART SUPPLIES — SIC 395				
1977	4.4	-	-	-
1978	4.4	-	-	-
1979	4.2	-	-	-
1980	3.9	-	-	-
1981	3.7	-	-	-
COSTUME JEWELRY AND NOTIONS — SIC 396				
1977	11.6	-	-	-
1978	10.6	159.41	36.9	4.32
1979	9.2	175.77	37.8	4.65
1980	8.0	188.25	37.5	5.02
1981	7.0	193.81	37.2	5.21
TRANSPORTATION AND PUBLIC UTILITIES				
1977	425.3	-	-	-
1978	430.3	-	-	-
1979	433.8	-	-	-
1980	431.4	-	-	-
1981	429.3	-	-	-
RAILROAD TRANSPORTATION — SIC 40				
1977	22.8	-	-	-
1978	22.2	-	-	-
1979	21.6	-	-	-
1980	20.0	-	-	-
1981	18.3	-	-	-
TRANSPORTATION BY AIR — SIC 45				
1977	55.1	-	-	-
1978	55.8	-	-	-
1979	56.6	-	-	-
1980	54.9	-	-	-
1981	52.9	-	-	-
COMMUNICATION — SIC 48				
1977	125.2	-	-	-
1978	125.0	-	-	-
1979	129.0	-	-	-
1980	133.1	-	-	-
1981	135.6	-	-	-
TELEPHONE, AND TELEGRAPH COMMUNICATION — SIC 481,2				
1977	100.1	308.05	39.8	7.74
1978	98.3	339.20	40.0	8.48
1979	100.0	373.73	40.8	9.16
1980	101.4	402.93	40.7	9.90
1981	102.3	449.21	40.8	11.01
ELECTRIC, GAS, AND SANITARY SERVICES — SIC 49				
1977	56.3	347.73	42.2	8.24
1978	56.9	373.15	42.5	8.78
1979	56.9	401.04	42.8	9.37
1980	57.5	424.95	42.2	10.07
1981	58.0	471.71	43.0	10.97
WHOLESALE AND RETAIL TRADE				
1977	1,427.6	-	-	-
1978	1,454.7	-	-	-
1979	1,476.8	-	-	-
1980	1,465.2	-	-	-
1981	1,463.7	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Production or nonsupervisory workers: Average weekly hours	Production or nonsupervisory workers: Average hourly earnings (dollars)
STATEWIDE (Con.)				
WHOLESALE AND RETAIL TRADE, EXCEPT EATING AND DRINKING PLACES — SIC 50-57,59				
1977	-	174.23	34.5	5.05
1978	-	183.56	34.7	5.29
1979	-	194.94	34.2	5.70
1980	-	210.34	33.6	6.26
1981	-	227.13	33.5	6.78
WHOLESALE TRADE — SIC 50,51				
1977	433.2	237.99	38.2	6.23
1978	441.6	254.31	38.3	6.64
1979	449.4	268.33	37.9	7.08
1980	449.9	289.17	37.8	7.65
1981	454.3	315.55	37.7	8.37
RETAIL TRADE — SIC 52-59				
1977	994.4	-	-	-
1978	1,013.0	-	-	-
1979	1,027.5	-	-	-
1980	1,015.3	-	-	-
1981	1,009.3	-	-	-
RETAIL TRADE, EXCEPT EATING AND DRINKING PLACES — SIC 52-57,59				
1977	-	135.98	32.3	4.21
1978	-	140.73	32.5	4.33
1979	-	149.61	31.9	4.69
1980	-	161.20	31.0	5.20
1981	-	172.11	30.9	5.57
BUILDING MATERIALS AND GARDEN SUPPLIES — SIC 52				
1977	27.8	-	-	-
1978	28.1	-	-	-
1979	28.9	-	-	-
1980	29.0	-	-	-
1981	29.2	-	-	-
GENERAL MERCHANDISE STORES — SIC 53				
1977	175.5	-	-	-
1978	176.5	-	-	-
1979	171.9	-	-	-
1980	165.2	-	-	-
1981	157.1	-	-	-
DEPARTMENT STORES — SIC 531				
1977	152.5	110.28	27.5	4.01
1978	153.7	114.63	27.1	4.23
1979	149.1	124.03	27.5	4.51
1980	143.1	137.45	27.6	4.98
1981	135.3	147.38	27.6	5.34
FOOD STORES — SIC 54				
1977	173.8	-	-	-
1978	175.3	-	-	-
1979	181.0	-	-	-
1980	179.5	-	-	-
1981	179.8	-	-	-
AUTOMOTIVE DEALERS AND SERVICE STATIONS — SIC 55				
1977	91.0	-	-	-
1978	90.9	-	-	-
1979	87.2	-	-	-
1980	80.6	-	-	-
1981	77.4	-	-	-
APPAREL AND ACCESSORY STORES — SIC 56				
1977	84.0	-	-	-
1978	84.1	-	-	-
1979	85.0	-	-	-
1980	85.0	-	-	-
1981	85.3	-	-	-
FURNITURE AND HOME FURNISHINGS STORES — SIC 57				
1977	40.7	-	-	-
1978	40.9	-	-	-
1979	41.5	-	-	-
1980	41.2	-	-	-
1981	40.7	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Production or nonsupervisory workers: Average weekly hours	Production or nonsupervisory workers: Average hourly earnings (dollars)
STATEWIDE (Con.)				
EATING AND DRINKING PLACES — SIC 58				
1977	270.7	-	-	-
1978	283.7	-	-	-
1979	295.0	-	-	-
1980	296.9	-	-	-
1981	300.6	-	-	-
MISCELLANEOUS RETAIL — SIC 59				
1977	130.9	-	-	-
1978	133.5	-	-	-
1979	136.9	-	-	-
1980	137.8	-	-	-
1981	139.2	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	577.8	-	-	-
1978	586.9	-	-	-
1979	605.4	-	-	-
1980	626.2	-	-	-
1981	654.5	-	-	-
BANKING — SIC 60				
1977	192.6	185.04	36.0	5.
1978	198.5	196.20	36.4	5.
1979	206.8	208.99	36.6	5.
1980	217.5	223.14	36.7	6.
1981	228.8	239.65	36.7	6.
CREDIT AGENCIES, EXCEPT BANKS, AND HOLDING AND OTHER INVESTMENT COMPANIES — SIC 61,67				
1977	35.7	-	-	-
1978	36.2	-	-	-
1979	37.6	-	-	-
1980	37.5	-	-	-
1981	38.3	-	-	-
SECURITY, COMMODITY BROKERS AND SERVICES — SIC 62				
1977	73.0	-	-	-
1978	74.2	-	-	-
1979	79.6	-	-	-
1980	88.9	-	-	-
1981	102.4	-	-	-
INSURANCE CARRIERS — SIC 63				
1977	119.2	-	-	-
1978	119.5	-	-	-
1979	119.8	-	-	-
1980	119.4	-	-	-
1981	119.1	-	-	-
INSURANCE AGENTS, BROKERS AND SERVICE — SIC 64				
1977	43.0	-	-	-
1978	45.6	-	-	-
1979	47.5	-	-	-
1980	48.9	-	-	-
1981	50.4	-	-	-
REAL ESTATE, AND COMBINATION OFFICES — SIC 65,66				
1977	114.2	-	-	-
1978	112.8	-	-	-
1979	114.0	-	-	-
1980	114.0	-	-	-
1981	115.4	-	-	-
SERVICES				
1977	1,499.5	-	-	-
1978	1,570.8	-	-	-
1979	1,643.2	-	-	-
1980	1,710.0	-	-	-
1981	1,784.3	-	-	-
YEAR ROUND HOTELS				
1977	48.9	148.72	32.4	
1978	49.0	159.89	32.9	
1979	50.2	174.90	33.0	
1980	52.8	182.97	32.1	
1981	54.7	204.77	32.4	

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Production or nonsupervisory workers: Average weekly hours	Production or nonsupervisory workers: Average hourly earnings (dollars)
STATEWIDE (Con.)				
HOSPITALS — SIC 806				
1977	240.2	-	-	-
1978	241.8	-	-	-
1979	246.1	-	-	-
1980	253.2	-	-	-
1981	261.6	-	-	-
GOVERNMENT				
1977	1,270.8	-	-	-
1978	1,315.1	-	-	-
1979	1,311.3	-	-	-
1980	1,313.9	-	-	-
1981	1,300.1	-	-	-
FEDERAL GOVERNMENT				
1977	161.9	-	-	-
1978	162.1	-	-	-
1979	161.0	-	-	-
1980	167.7	-	-	-
1981	155.7	-	-	-
STATE GOVERNMENT				
1977	232.3	-	-	-
1978	240.1	-	-	-
1979	246.0	-	-	-
1980	246.3	-	-	-
1981	251.0	-	-	-
LOCAL GOVERNMENT				
1977	876.6	-	-	-
1978	912.9	-	-	-
1979	904.2	-	-	-
1980	899.8	-	-	-
1981	893.3	-	-	-
ALBANY-SCHENECTADY-TROY				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	321.7	-	-	-
1978	332.3	-	-	-
1979	338.4	-	-	-
1980	339.0	-	-	-
1981	338.5	-	-	-
CONSTRUCTION				
1977	10.6	-	-	-
1978	11.0	-	-	-
1979	11.3	-	-	-
1980	11.1	-	-	-
1981	9.6	-	-	-
MANUFACTURING				
1977	63.7	245.83	40.7	6.04
1978	62.7	263.81	40.4	6.53
1979	60.4	278.59	40.2	6.93
1980	58.2	302.25	40.3	7.50
1981	55.9	328.84	40.2	8.18
DURABLE GOODS				
1977	34.9	275.67	40.6	6.79
1978	34.3	291.73	39.8	7.33
1979	32.7	306.46	39.8	7.70
1980	30.8	336.00	40.0	8.40
1981	29.8	363.60	40.0	9.09
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	3.4	285.65	41.7	6.85
1978	3.6	310.90	41.9	7.42
1979	3.9	334.46	41.6	8.04
1980	3.6	374.40	41.6	9.00
1981	3.5	415.94	42.4	9.81
PRIMARY AND FABRICATED METALS — SIC 33,34				
1977	4.1	271.00	41.5	6.53
1978	4.2	304.72	41.8	7.29
1979	4.1	337.64	42.1	8.02
1980	3.9	355.42	40.9	8.69
1981	4.0	366.96	39.8	9.22
ALBANY-SCHENECTADY-TROY (Con.)				
MACHINERY, AND TRANSPORTATION EQUIPMENT — SIC 35-37				
1977	26.1	-	-	-
1978	25.0	293.67	39.0	7.53
1979	22.9	304.20	38.9	7.82
1980	21.2	337.85	39.7	8.51
1981	20.2	370.40	39.7	9.33
NONDURABLE GOODS				
1977	28.8	213.50	40.9	5.22
1978	28.3	231.80	41.1	5.64
1979	27.7	248.68	40.7	6.11
1980	27.4	266.74	40.6	6.57
1981	26.1	290.16	40.3	7.20
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	6.0	220.54	41.3	5.34
1978	6.0	230.61	40.6	5.68
1979	5.7	245.57	39.8	6.17
1980	5.5	270.82	40.3	6.72
1981	4.9	279.55	38.4	7.28
TEXTILE MILL PRODUCTS — SIC 22				
1977	4.0	170.96	39.3	4.35
1978	4.2	185.14	40.6	4.56
1979	4.1	203.78	39.8	5.12
1980	4.0	227.13	40.2	5.65
1981	3.6	-	-	-
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	3.5	125.54	36.6	3.43
1978	3.3	135.79	36.6	3.71
1979	3.5	152.43	38.3	3.98
1980	3.2	158.48	36.6	4.33
1981	2.7	165.65	34.8	4.76
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	3.4	269.99	45.3	5.96
1978	3.3	300.09	45.4	6.61
1979	3.3	326.55	45.8	7.13
1980	3.3	354.12	45.4	7.80
1981	3.3	381.49	45.2	8.44
PRINTING AND PUBLISHING — SIC 27				
1977	3.6	266.85	39.3	6.79
1978	3.8	288.48	39.9	7.23
1979	3.7	301.68	39.8	7.58
1980	3.8	312.84	39.4	7.94
1981	3.8	323.17	38.2	8.46
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	5.2	269.37	43.8	6.15
1978	4.9	309.08	46.2	6.69
1979	4.9	326.04	44.0	7.41
1980	4.8	356.56	42.6	8.37
1981	4.9	409.40	43.6	9.39
TRANSPORTATION AND PUBLIC UTILITIES				
1977	15.4	-	-	-
1978	15.5	-	-	-
1979	15.9	-	-	-
1980	15.9	-	-	-
1981	15.5	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	63.8	-	-	-
1978	67.2	-	-	-
1979	69.8	-	-	-
1980	68.5	-	-	-
1981	68.2	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	16.0	-	-	-
1978	16.9	-	-	-
1979	17.6	-	-	-
1980	17.1	-	-	-
1981	16.5	-	-	-
ALBANY-SCHENECTADY-TROY (Con.)				
RETAIL TRADE — SIC 52-59				
1977	47.8	-	-	-
1978	50.3	-	-	-
1979	52.2	-	-	-
1980	51.4	-	-	-
1981	51.6	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	14.4	-	-	-
1978	14.9	-	-	-
1979	15.3	-	-	-
1980	15.7	-	-	-
1981	16.0	-	-	-
SERVICES AND MINING				
1977	62.5	-	-	-
1978	65.3	-	-	-
1979	68.2	-	-	-
1980	71.6	-	-	-
1981	73.7	-	-	-
GOVERNMENT				
1977	91.3	-	-	-
1978	95.7	-	-	-
1979	97.5	-	-	-
1980	98.0	-	-	-
1981	99.7	-	-	-
FEDERAL GOVERNMENT				
1977	9.1	-	-	-
1978	9.1	-	-	-
1979	8.9	-	-	-
1980	9.2	-	-	-
1981	8.7	-	-	-
STATE GOVERNMENT				
1977	46.2	-	-	-
1978	49.2	-	-	-
1979	51.0	-	-	-
1980	50.8	-	-	-
1981	52.6	-	-	-
LOCAL GOVERNMENT				
1977	36.1	-	-	-
1978	37.4	-	-	-
1979	37.6	-	-	-
1980	38.0	-	-	-
1981	38.4	-	-	-
BINGHAMTON				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	111.7	-	-	-
1978	116.4	-	-	-
1979	118.3	-	-	-
1980	116.9	-	-	-
1981	117.4	-	-	-
CONSTRUCTION				
1977	4.0	-	-	-
1978	4.3	-	-	-
1979	4.1	-	-	-
1980	3.9	-	-	-
1981	3.7	-	-	-
MANUFACTURING				
1977	40.5	202.71	40.3	5.03
1978	42.2	226.05	41.1	5.50
1979	43.3	243.31	41.1	5.92
1980	42.0	268.96	41.0	6.56
1981	43.0	293.23	41.3	7.10
DURABLE GOODS				
1977	31.3	220.83	41.2	5.36
1978	32.7	244.53	41.8	5.85
1979	34.0	263.34	42.0	6.27
1980	33.3	291.07	41.7	6.98
1981	34.5	318.28	42.1	7.56

See footnotes at end of tables.

NEW YORK

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
BINGHAMTON (Con.)				
PRIMARY METALS, FABRICATED METALS, AND MACHINERY — SIC 33-36				
1977	25.3	-	-	-
1978	27.3	250.25	42.2	5.93
1979	28.6	266.70	42.0	6.35
1980	28.4	296.36	41.8	7.09
1981	29.6	323.25	42.2	7.66
NONDURABLE GOODS				
1977	9.2	-	-	-
1978	9.5	-	-	-
1979	9.2	-	-	-
1980	8.8	-	-	-
1981	8.6	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	4.6	-	-	-
1978	4.7	-	-	-
1979	4.8	-	-	-
1980	4.6	-	-	-
1981	4.7	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	20.8	-	-	-
1978	21.9	-	-	-
1979	21.7	-	-	-
1980	21.6	-	-	-
1981	21.1	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	4.2	-	-	-
1978	4.5	-	-	-
1979	4.5	-	-	-
1980	4.5	-	-	-
1981	4.5	-	-	-
RETAIL TRADE — SIC 52-59				
1977	16.6	-	-	-
1978	17.4	-	-	-
1979	17.2	-	-	-
1980	17.1	-	-	-
1981	16.6	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	3.6	-	-	-
1978	3.6	-	-	-
1979	3.9	-	-	-
1980	4.0	-	-	-
1981	4.2	-	-	-
SERVICES AND MINING				
1977	16.0	-	-	-
1978	17.1	-	-	-
1979	17.8	-	-	-
1980	17.7	-	-	-
1981	18.6	-	-	-
GOVERNMENT				
1977	22.2	-	-	-
1978	22.6	-	-	-
1979	22.8	-	-	-
1980	23.0	-	-	-
1981	22.1	-	-	-
FEDERAL GOVERNMENT				
1977	1.1	-	-	-
1978	1.1	-	-	-
1979	1.1	-	-	-
1980	1.4	-	-	-
1981	1.1	-	-	-
STATE GOVERNMENT				
1977	5.5	-	-	-
1978	5.5	-	-	-
1979	5.6	-	-	-
1980	6.0	-	-	-
1981	6.2	-	-	-
BINGHAMTON (Con.)				
LOCAL GOVERNMENT				
1977	15.6	-	-	-
1978	16.0	-	-	-
1979	16.0	-	-	-
1980	15.7	-	-	-
1981	14.9	-	-	-
BUFFALO				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	497.8	-	-	-
1978	507.7	-	-	-
1979	513.4	-	-	-
1980	501.4	-	-	-
1981	495.5	-	-	-
CONSTRUCTION				
1977	17.6	-	-	-
1978	18.2	-	-	-
1979	18.2	-	-	-
1980	16.4	-	-	-
1981	15.6	-	-	-
MANUFACTURING				
1977	145.2	304.08	42.0	7.24
1978	144.1	322.92	41.4	7.80
1979	145.2	347.71	41.1	8.46
1980	133.5	369.84	40.2	9.20
1981	129.5	405.62	40.2	10.09
DURABLE GOODS				
1977	98.9	325.89	42.6	7.65
1978	98.2	345.68	41.9	8.25
1979	99.2	369.64	41.3	8.95
1980	88.9	394.30	40.4	9.76
1981	85.2	433.88	40.1	10.82
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	7.3	241.40	40.3	5.99
1978	7.3	271.67	41.1	6.61
1979	7.0	292.73	41.7	7.02
1980	6.6	305.34	39.5	7.73
1981	5.9	339.63	39.4	8.62
PRIMARY METAL INDUSTRIES — SIC 33				
1977	23.1	355.73	41.9	8.49
1978	20.8	391.56	41.7	9.39
1979	21.7	425.59	41.4	10.28
1980	17.9	451.45	40.2	11.23
1981	16.8	495.51	39.8	12.45
FABRICATED METAL PRODUCTS — SIC 34				
1977	14.4	366.57	45.2	8.11
1978	14.7	377.98	43.9	8.61
1979	14.1	374.05	41.7	8.97
1980	12.4	404.26	41.0	9.86
1981	12.2	451.00	41.3	10.92
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	12.8	269.80	41.7	6.47
1978	12.8	290.78	41.6	6.99
1979	13.2	318.52	41.8	7.62
1980	13.0	344.87	41.5	8.31
1981	12.8	371.08	40.6	9.14
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	11.3	258.54	41.7	6.20
1978	11.2	283.50	42.0	6.75
1979	11.6	305.87	41.9	7.30
1980	12.0	341.65	42.6	8.02
1981	11.4	371.65	41.9	8.87
TRANSPORTATION EQUIPMENT — SIC 37				
1977	24.8	360.72	43.2	8.35
1978	26.1	373.35	41.3	9.04
1979	26.1	403.00	40.3	10.00
1980	21.1	444.65	38.8	11.46
1981	20.4	491.49	38.7	12.70
BUFFALO (Con.)				
NONDURABLE GOODS				
1977	46.3	252.53	40.6	6.22
1978	45.9	268.13	40.2	6.67
1979	46.0	293.30	40.4	7.26
1980	44.6	312.05	39.6	7.88
1981	44.3	344.61	40.4	8.53
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	9.5	-	-	-
1978	9.3	-	-	-
1979	8.9	319.12	44.2	7.22
1980	8.8	348.83	44.1	7.91
1981	8.6	384.30	45.0	8.54
TEXTILES, AND APPAREL — SIC 22,23				
1977	3.8	193.86	36.1	5.37
1978	3.8	202.30	34.7	5.83
1979	3.7	217.43	34.9	6.23
1980	3.4	229.50	35.2	6.52
1981	3.3	262.17	37.4	7.01
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	4.2	228.53	41.4	5.52
1978	4.2	249.60	41.6	6.00
1979	4.2	260.01	40.5	6.42
1980	4.1	281.50	40.1	7.02
1981	4.2	302.51	39.7	7.62
PRINTING AND PUBLISHING — SIC 27				
1977	8.3	265.91	37.4	7.11
1978	8.6	280.87	37.4	7.51
1979	9.0	286.63	36.7	7.81
1980	8.9	306.49	36.4	8.42
1981	8.7	332.86	37.4	8.90
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	10.0	294.79	42.6	6.92
1978	9.6	319.72	42.8	7.47
1979	9.4	350.92	42.9	8.18
1980	9.3	368.87	41.4	8.91
1981	9.5	412.98	42.4	9.74
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS — SIC 30				
1977	5.8	255.03	41.2	6.19
1978	5.9	272.54	40.8	6.68
1979	5.9	303.73	41.1	7.39
1980	5.4	322.69	39.4	8.19
1981	5.4	358.30	39.9	8.98
TRANSPORTATION AND PUBLIC UTILITIES				
1977	26.8	-	-	-
1978	28.0	-	-	-
1979	28.4	-	-	-
1980	27.5	-	-	-
1981	26.5	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	111.0	-	-	-
1978	114.7	-	-	-
1979	115.8	-	-	-
1980	112.7	-	-	-
1981	110.0	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	24.9	-	-	-
1978	25.5	-	-	-
1979	25.9	-	-	-
1980	25.4	-	-	-
1981	25.6	-	-	-
RETAIL TRADE — SIC 52-59				
1977	86.1	-	-	-
1978	89.2	-	-	-
1979	89.9	-	-	-
1980	87.3	-	-	-
1981	84.5	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
BUFFALO (Con.)				
FINANCE, INSURANCE, AND REAL ESTATE				
1977	21.2	-	-	-
1978	21.6	-	-	-
1979	21.9	-	-	-
1980	22.2	-	-	-
1981	22.4	-	-	-
SERVICES AND MINING				
1977	89.9	-	-	-
1978	94.1	-	-	-
1979	97.2	-	-	-
1980	101.1	-	-	-
1981	106.0	-	-	-
GOVERNMENT				
1977	86.2	-	-	-
1978	87.1	-	-	-
1979	86.6	-	-	-
1980	88.0	-	-	-
1981	85.5	-	-	-
FEDERAL GOVERNMENT				
1977	9.7	-	-	-
1978	9.9	-	-	-
1979	9.9	-	-	-
1980	10.1	-	-	-
1981	9.7	-	-	-
STATE GOVERNMENT				
1977	19.3	-	-	-
1978	19.3	-	-	-
1979	19.2	-	-	-
1980	19.5	-	-	-
1981	19.7	-	-	-
LOCAL GOVERNMENT				
1977	57.2	-	-	-
1978	57.8	-	-	-
1979	57.6	-	-	-
1980	58.4	-	-	-
1981	56.0	-	-	-
ELMIRA				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	36.5	-	-	-
1978	37.3	-	-	-
1979	37.6	-	-	-
1980	36.9	-	-	-
1981	36.7	-	-	-
CONSTRUCTION				
1977	1.4	-	-	-
1978	1.3	-	-	-
1979	1.3	-	-	-
1980	1.1	-	-	-
1981	1.0	-	-	-
MANUFACTURING				
1977	11.5	222.86	40.3	5.53
1978	11.6	242.61	40.3	6.02
1979	11.8	264.14	40.7	6.49
1980	11.3	285.32	40.3	7.08
1981	11.2	311.48	40.4	7.71
DURABLE GOODS				
1977	8.6	232.07	40.5	5.73
1978	8.6	254.38	40.7	6.25
1979	8.6	276.89	40.9	6.77
1980	8.2	301.84	40.9	7.38
1981	8.0	326.83	40.6	8.05
PRIMARY METALS, FABRICATED METALS, AND MACHINERY — SIC 33-36				
1977	4.5	232.56	40.8	5.70
1978	4.8	257.09	41.4	6.21
1979	5.0	274.85	40.9	6.72
1980	4.8	299.47	40.8	7.34
1981	4.7	322.73	40.8	7.91
ELMIRA (Con.)				
NONDURABLE GOODS				
1977	3.0	-	-	-
1978	3.0	-	-	-
1979	3.2	-	-	-
1980	3.2	-	-	-
1981	3.2	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	1.4	-	-	-
1978	1.4	-	-	-
1979	1.4	-	-	-
1980	1.4	-	-	-
1981	1.3	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	8.1	-	-	-
1978	8.4	-	-	-
1979	8.2	-	-	-
1980	8.4	-	-	-
1981	8.6	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	2.1	-	-	-
1978	2.2	-	-	-
1979	2.2	-	-	-
1980	2.4	-	-	-
1981	2.2	-	-	-
RETAIL TRADE — SIC 52-59				
1977	6.1	-	-	-
1978	6.2	-	-	-
1979	6.0	-	-	-
1980	6.1	-	-	-
1981	6.3	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	1.0	-	-	-
1978	1.0	-	-	-
1979	1.0	-	-	-
1980	1.0	-	-	-
1981	1.1	-	-	-
SERVICES AND MINING				
1977	6.4	-	-	-
1978	6.6	-	-	-
1979	6.8	-	-	-
1980	7.0	-	-	-
1981	7.1	-	-	-
GOVERNMENT				
1977	6.7	-	-	-
1978	7.0	-	-	-
1979	7.1	-	-	-
1980	6.7	-	-	-
1981	6.3	-	-	-
FEDERAL GOVERNMENT				
1977	.5	-	-	-
1978	.5	-	-	-
1979	.5	-	-	-
1980	.5	-	-	-
1981	.5	-	-	-
STATE GOVERNMENT				
1977	1.3	-	-	-
1978	1.3	-	-	-
1979	1.3	-	-	-
1980	1.3	-	-	-
1981	1.3	-	-	-
LOCAL GOVERNMENT				
1977	4.9	-	-	-
1978	5.1	-	-	-
1979	5.2	-	-	-
1980	4.9	-	-	-
1981	4.5	-	-	-
MONROE COUNTY[1]				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	321.6	-	-	-
1978	328.9	-	-	-
1979	335.8	-	-	-
1980	337.1	-	-	-
1981	342.5	-	-	-
CONSTRUCTION				
1977	9.3	-	-	-
1978	10.2	-	-	-
1979	9.9	-	-	-
1980	9.3	-	-	-
1981	9.6	-	-	-
MANUFACTURING				
1977	129.0	292.88	41.9	6.99
1978	131.3	316.68	42.0	7.54
1979	135.0	348.19	41.8	8.33
1980	135.2	382.47	41.8	9.15
1981	138.6	421.45	41.4	10.18
DURABLE GOODS				
1977	108.8	305.70	42.4	7.21
1978	110.5	329.45	42.4	7.77
1979	114.5	362.92	42.2	8.60
1980	115.4	395.64	42.0	9.42
1981	118.9	437.22	41.6	10.51
PRIMARY AND FABRICATED METALS — SIC 33,34				
1977	5.1	260.53	40.9	6.37
1978	5.4	290.17	41.1	7.06
1979	5.8	314.75	41.8	7.53
1980	5.8	341.09	41.8	8.16
1981	5.6	352.29	40.4	8.72
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	14.2	367.28	44.9	8.18
1978	15.4	374.88	44.0	8.52
1979	17.0	424.89	43.4	9.79
1980	17.4	451.34	42.3	10.67
1981	17.3	488.38	40.8	11.97
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	10.6	321.29	43.3	7.42
1978	10.4	335.74	41.5	8.09
1979	10.6	355.37	40.8	8.71
1980	9.6	363.49	39.9	9.11
1981	9.5	409.90	39.3	10.43
INSTRUMENTS AND RELATED PRODUCTS — SIC 38				
1977	76.9	294.56	41.9	7.03
1978	77.3	323.09	42.4	7.62
1979	79.1	354.48	42.2	8.40
1980	80.7	395.17	42.4	9.32
1981	84.6	441.15	42.5	10.38
NONDURABLE GOODS				
1977	20.3	228.49	39.6	5.77
1978	20.8	244.73	39.6	6.18
1979	20.5	264.26	39.5	6.69
1980	19.9	296.80	40.0	7.42
1981	19.6	320.40	40.1	7.99
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	4.8	248.98	42.2	5.90
1978	4.8	271.28	41.8	6.49
1979	4.7	293.28	41.6	7.05
1980	4.4	325.68	41.7	7.81
1981	4.3	368.05	42.5	8.66
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	2.7	191.39	38.9	4.92
1978	2.5	200.11	37.9	5.28
1979	2.0	207.36	36.7	5.65
1980	1.6	238.60	39.7	6.01
1981	1.5	259.53	40.3	6.44

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
MONROE COUNTY[7] (Con.)				
PRINTING AND PUBLISHING — SIC 27				
1977	6.7	277.97	38.5	7.22
1978	6.9	292.11	39.0	7.49
1979	7.1	311.56	38.8	8.03
1980	7.3	345.45	39.3	8.79
1981	7.2	356.43	38.7	9.21
TRANSPORTATION AND PUBLIC UTILITIES				
1977	10.1	-	-	-
1978	10.1	-	-	-
1979	10.2	-	-	-
1980	10.3	-	-	-
1981	10.3	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	60.3	-	-	-
1978	61.2	-	-	-
1979	60.9	-	-	-
1980	59.6	-	-	-
1981	59.9	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	12.0	-	-	-
1978	12.1	-	-	-
1979	12.4	-	-	-
1980	12.4	-	-	-
1981	12.5	-	-	-
RETAIL TRADE — SIC 52-59				
1977	48.3	-	-	-
1978	49.1	-	-	-
1979	48.5	-	-	-
1980	47.1	-	-	-
1981	47.4	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	14.1	-	-	-
1978	14.2	-	-	-
1979	14.3	-	-	-
1980	14.2	-	-	-
1981	14.3	-	-	-
SERVICES AND MINING				
1977	60.7	-	-	-
1978	62.8	-	-	-
1979	65.3	-	-	-
1980	67.6	-	-	-
1981	70.2	-	-	-
GOVERNMENT				
1977	37.9	-	-	-
1978	39.1	-	-	-
1979	40.2	-	-	-
1980	40.8	-	-	-
1981	39.7	-	-	-
FEDERAL GOVERNMENT				
1977	3.0	-	-	-
1978	3.0	-	-	-
1979	3.0	-	-	-
1980	3.1	-	-	-
1981	2.9	-	-	-
STATE GOVERNMENT				
1977	5.9	-	-	-
1978	6.0	-	-	-
1979	6.2	-	-	-
1980	6.6	-	-	-
1981	6.5	-	-	-
LOCAL GOVERNMENT				
1977	29.0	-	-	-
1978	30.2	-	-	-
1979	31.0	-	-	-
1980	31.1	-	-	-
1981	30.2	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
NASSAU-SUFFOLK[4]				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	827.5	-	-	-
1978	869.3	-	-	-
1979	898.3	-	-	-
1980	915.5	-	-	-
1981	922.8	-	-	-
CONSTRUCTION				
1977	31.9	-	-	-
1978	34.5	-	-	-
1979	36.7	-	-	-
1980	36.1	-	-	-
1981	35.2	-	-	-
MANUFACTURING				
1977	151.2	215.17	39.7	5.42
1978	158.2	224.97	39.4	5.71
1979	164.9	244.95	39.7	6.17
1980	167.3	271.83	39.8	6.83
1981	167.8	297.94	40.1	7.43
DURABLE GOODS				
1977	98.0	227.86	40.4	5.64
1978	104.4	241.16	40.6	5.94
1979	110.7	260.89	40.7	6.41
1980	113.4	293.66	40.9	7.18
1981	114.5	321.44	41.0	7.84
FABRICATED METAL PRODUCTS — SIC 34				
1977	11.3	190.61	38.9	4.90
1978	12.2	199.64	39.3	5.08
1979	13.3	212.46	38.7	5.49
1980	13.1	237.37	39.3	6.04
1981	12.8	250.63	39.1	6.41
ELECTRIC EQUIPMENT, AND INSTRUMENTS — SIC 36,38				
1977	43.0	-	-	-
1978	47.3	233.23	39.8	5.86
1979	50.3	245.60	40.0	6.14
1980	51.3	286.03	40.4	7.08
1981	52.9	315.79	40.8	7.74
TRANSPORTATION EQUIPMENT — SIC 37				
1977	26.2	311.11	44.7	6.96
1978	26.0	323.84	44.0	7.36
1979	26.8	376.65	45.0	8.37
1980	27.4	423.00	45.0	9.40
1981	27.4	471.30	45.1	10.45
NONDURABLE GOODS				
1977	53.2	189.00	37.8	5.00
1978	53.8	201.32	37.7	5.34
1979	54.2	216.22	37.8	5.72
1980	53.9	229.36	37.6	6.10
1981	53.3	250.97	38.2	6.57
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	4.4	-	-	-
1978	4.6	-	-	-
1979	4.5	-	-	-
1980	4.8	-	-	-
1981	4.7	-	-	-
TEXTILE MILL PRODUCTS — SIC 22				
1977	3.9	-	-	-
1978	3.7	-	-	-
1979	3.3	-	-	-
1980	3.1	-	-	-
1981	2.5	-	-	-
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	8.3	-	-	-
1978	8.4	-	-	-
1979	8.4	-	-	-
1980	8.2	162.81	33.5	4.86
1981	7.9	180.08	34.3	5.25

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
NASSAU-SUFFOLK[4] (CON.)				
PRINTING AND PUBLISHING — SIC 27				
1977	14.0	-	-	-
1978	14.4	-	-	-
1979	14.9	-	-	-
1980	15.2	364.88	37.5	9.73
1981	15.2	376.73	37.3	10.10
TRANSPORTATION AND PUBLIC UTILITIES				
1977	35.5	-	-	-
1978	36.9	-	-	-
1979	38.0	-	-	-
1980	38.8	-	-	-
1981	40.6	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	220.5	-	-	-
1978	226.7	-	-	-
1979	236.2	-	-	-
1980	238.6	-	-	-
1981	238.6	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	51.3	-	-	-
1978	54.8	-	-	-
1979	58.8	-	-	-
1980	61.3	-	-	-
1981	63.5	-	-	-
RETAIL TRADE — SIC 52-59				
1977	169.2	-	-	-
1978	171.9	-	-	-
1979	177.4	-	-	-
1980	177.2	-	-	-
1981	175.1	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	45.3	-	-	-
1978	47.9	-	-	-
1979	51.0	-	-	-
1980	51.8	-	-	-
1981	52.8	-	-	-
SERVICES AND MINING				
1977	175.0	-	-	-
1978	185.2	-	-	-
1979	196.1	-	-	-
1980	204.6	-	-	-
1981	214.8	-	-	-
GOVERNMENT				
1977	168.0	-	-	-
1978	179.9	-	-	-
1979	175.4	-	-	-
1980	178.3	-	-	-
1981	173.2	-	-	-
FEDERAL GOVERNMENT				
1977	18.2	-	-	-
1978	18.2	-	-	-
1979	18.4	-	-	-
1980	19.1	-	-	-
1981	17.4	-	-	-
STATE GOVERNMENT				
1977	27.1	-	-	-
1978	27.4	-	-	-
1979	28.3	-	-	-
1980	28.9	-	-	-
1981	29.7	-	-	-
LOCAL GOVERNMENT				
1977	122.7	-	-	-
1978	134.2	-	-	-
1979	128.8	-	-	-
1980	130.4	-	-	-
1981	126.0	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
NEW YORK AND NASSAU-SUFFOLK				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	4,418.4	-	-	-
1978	4,529.3	-	-	-
1979	4,614.8	-	-	-
1980	4,663.4	-	-	-
1981	4,729.1	-	-	-
MINING				
1977	1.8	-	-	-
1978	1.7	-	-	-
1979	1.7	-	-	-
1980	1.9	-	-	-
1981	1.9	-	-	-
CONSTRUCTION				
1977	110.9	-	-	-
1978	116.3	-	-	-
1979	125.5	-	-	-
1980	131.6	-	-	-
1981	136.3	-	-	-
MANUFACTURING				
1977	772.5	197.84	37.9	5.22
1978	778.6	209.38	38.0	5.51
1979	775.6	225.93	38.1	5.93
1980	753.9	246.35	37.9	6.50
1981	742.5	268.28	38.0	7.06
DURABLE GOODS				
1977	253.4	-	-	-
1978	262.3	-	-	-
1979	269.4	-	-	-
1980	265.1	-	-	-
1981	261.9	-	-	-
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	5.4	-	-	-
1978	5.3	-	-	-
1979	5.5	-	-	-
1980	5.5	-	-	-
1981	5.5	-	-	-
FURNITURE AND FIXTURES — SIC 25				
1977	13.8	-	-	-
1978	14.3	-	-	-
1979	13.9	-	-	-
1980	13.7	-	-	-
1981	12.9	-	-	-
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	7.6	-	-	-
1978	7.7	-	-	-
1979	7.6	-	-	-
1980	7.5	-	-	-
1981	7.0	-	-	-
PRIMARY METAL INDUSTRIES — SIC 33				
1977	12.4	-	-	-
1978	12.3	-	-	-
1979	12.4	-	-	-
1980	11.8	-	-	-
1981	11.1	-	-	-
FABRICATED METAL PRODUCTS — SIC 34				
1977	38.5	-	-	-
1978	39.6	-	-	-
1979	40.2	-	-	-
1980	39.3	-	-	-
1981	39.0	-	-	-
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	40.1	-	-	-
1978	42.3	-	-	-
1979	44.6	-	-	-
1980	44.6	-	-	-
1981	44.1	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
NEW YORK AND NASSAU-SUFFOLK (CON.)				
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	66.5	-	-	-
1978	71.4	-	-	-
1979	74.5	-	-	-
1980	71.8	-	-	-
1981	72.0	-	-	-
TRANSPORTATION EQUIPMENT — SIC 37				
1977	37.2	-	-	-
1978	37.3	-	-	-
1979	37.9	-	-	-
1980	38.5	-	-	-
1981	38.0	-	-	-
INSTRUMENTS AND RELATED PRODUCTS — SIC 38				
1977	31.8	-	-	-
1978	32.1	-	-	-
1979	32.7	-	-	-
1980	32.6	-	-	-
1981	32.3	-	-	-
NONDURABLE GOODS				
1977	519.1	-	-	-
1978	516.3	-	-	-
1979	506.2	-	-	-
1980	488.8	-	-	-
1981	480.5	-	-	-
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	46.2	-	-	-
1978	46.6	-	-	-
1979	45.2	-	-	-
1980	43.5	-	-	-
1981	43.3	-	-	-
TOBACCO MANUFACTURES — SIC 21				
1977	2.4	-	-	-
1978	2.5	-	-	-
1979	2.6	-	-	-
1980	2.8	-	-	-
1981	2.8	-	-	-
TEXTILE MILL PRODUCTS — SIC 22				
1977	30.7	-	-	-
1978	27.8	-	-	-
1979	24.7	-	-	-
1980	24.2	-	-	-
1981	23.3	-	-	-
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	165.4	-	-	-
1978	165.7	-	-	-
1979	159.4	-	-	-
1980	151.9	-	-	-
1981	148.7	-	-	-
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	25.1	-	-	-
1978	25.6	-	-	-
1979	25.0	-	-	-
1980	24.3	-	-	-
1981	23.8	-	-	-
PRINTING AND PUBLISHING — SIC 27				
1977	113.2	-	-	-
1978	114.2	-	-	-
1979	117.9	-	-	-
1980	118.9	-	-	-
1981	118.8	-	-	-
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	45.3	-	-	-
1978	45.1	-	-	-
1979	44.6	-	-	-
1980	43.3	-	-	-
1981	42.4	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
NEW YORK AND NASSAU-SUFFOLK (CON.)				
PETROLEUM AND COAL PRODUCTS — SIC 29				
1977	5.5	-	-	-
1978	5.2	-	-	-
1979	4.5	-	-	-
1980	3.9	-	-	-
1981	3.4	-	-	-
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS — SIC 30				
1977	14.7	-	-	-
1978	15.1	-	-	-
1979	15.0	-	-	-
1980	14.9	-	-	-
1981	14.9	-	-	-
LEATHER AND LEATHER PRODUCTS — SIC 31				
1977	16.9	-	-	-
1978	16.6	-	-	-
1979	17.0	-	-	-
1980	15.8	-	-	-
1981	16.1	-	-	-
MISCELLANEOUS MANUFACTURING INDUSTRIES — SIC 39				
1977	53.7	-	-	-
1978	51.8	-	-	-
1979	50.4	-	-	-
1980	45.3	-	-	-
1981	43.2	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	315.5	-	-	-
1978	318.2	-	-	-
1979	319.5	-	-	-
1980	319.1	-	-	-
1981	318.9	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	934.2	-	-	-
1978	944.5	-	-	-
1979	958.0	-	-	-
1980	954.6	-	-	-
1981	953.7	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	323.8	-	-	-
1978	328.9	-	-	-
1979	333.4	-	-	-
1980	335.7	-	-	-
1981	339.9	-	-	-
RETAIL TRADE — SIC 52-59				
1977	610.4	-	-	-
1978	615.6	-	-	-
1979	624.6	-	-	-
1980	618.9	-	-	-
1981	613.8	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	478.8	-	-	-
1978	485.5	-	-	-
1979	501.2	-	-	-
1980	521.4	-	-	-
1981	548.1	-	-	-
SERVICES				
1977	1,053.9	-	-	-
1978	1,105.4	-	-	-
1979	1,159.0	-	-	-
1980	1,207.0	-	-	-
1981	1,262.0	-	-	-
GOVERNMENT				
1977	750.8	-	-	-
1978	779.2	-	-	-
1979	774.4	-	-	-
1980	773.9	-	-	-
1981	765.7	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
NEW YORK AND NASSAU-SUFFOLK (CON.)				
FEDERAL GOVERNMENT				
1977	110.0	-	-	-
1978	110.2	-	-	-
1979	109.4	-	-	-
1980	113.7	-	-	-
1981	104.8	-	-	-
STATE GOVERNMENT				
1977	89.4	-	-	-
1978	91.4	-	-	-
1979	93.8	-	-	-
1980	94.0	-	-	-
1981	95.2	-	-	-
LOCAL GOVERNMENT				
1977	551.4	-	-	-
1978	577.6	-	-	-
1979	571.2	-	-	-
1980	566.2	-	-	-
1981	565.6	-	-	-
NEW YORK SMSA[1]				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	3,590.9	-	-	-
1978	3,660.0	-	-	-
1979	3,716.5	-	-	-
1980	3,747.9	-	-	-
1981	3,806.2	-	-	-
MINING				
1977	1.6	-	-	-
1978	1.5	-	-	-
1979	1.4	-	-	-
1980	1.6	-	-	-
1981	1.7	-	-	-
CONSTRUCTION				
1977	79.0	-	-	-
1978	81.9	-	-	-
1979	88.8	-	-	-
1980	95.4	-	-	-
1981	101.1	-	-	-
MANUFACTURING				
1977	621.3	196.65	37.6	5.23
1978	620.4	205.84	37.7	5.46
1979	610.6	221.30	37.7	5.87
1980	586.6	239.73	37.4	6.41
1981	574.7	259.93	37.4	6.95
DURABLE GOODS				
1977	155.4	-	-	-
1978	157.9	-	-	-
1979	158.7	-	-	-
1980	151.7	-	-	-
1981	147.4	-	-	-
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	4.0	-	-	-
1978	3.8	-	-	-
1979	3.9	-	-	-
1980	3.9	-	-	-
1981	3.9	-	-	-
FURNITURE AND FIXTURES — SIC 25				
1977	11.3	-	-	-
1978	11.6	-	-	-
1979	10.9	-	-	-
1980	10.7	-	-	-
1981	10.1	-	-	-
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	6.1	-	-	-
1978	6.0	-	-	-
1979	5.9	-	-	-
1980	5.8	-	-	-
1981	5.4	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
NEW YORK SMSA[1] (Con.)				
PRIMARY METAL INDUSTRIES — SIC 33				
1977	10.5	-	-	-
1978	10.4	-	-	-
1979	10.4	-	-	-
1980	9.7	-	-	-
1981	8.9	-	-	-
FABRICATED METAL PRODUCTS — SIC 34				
1977	27.3	-	-	-
1978	27.4	-	-	-
1979	26.9	-	-	-
1980	26.2	-	-	-
1981	26.2	-	-	-
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	29.9	-	-	-
1978	31.3	-	-	-
1979	32.6	-	-	-
1980	31.3	-	-	-
1981	31.0	-	-	-
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	38.2	-	-	-
1978	39.6	-	-	-
1979	40.6	-	-	-
1980	37.7	-	-	-
1981	37.1	-	-	-
TRANSPORTATION EQUIPMENT — SIC 37				
1977	11.0	-	-	-
1978	11.3	-	-	-
1979	11.2	-	-	-
1980	11.1	-	-	-
1981	10.7	-	-	-
INSTRUMENTS AND RELATED PRODUCTS — SIC 38				
1977	17.2	-	-	-
1978	16.6	-	-	-
1979	16.3	-	-	-
1980	15.4	-	-	-
1981	14.4	-	-	-
NONDURABLE GOODS				
1977	465.9	-	-	-
1978	462.5	-	-	-
1979	452.0	-	-	-
1980	434.9	-	-	-
1981	427.3	-	-	-
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	41.8	-	-	-
1978	41.9	-	-	-
1979	40.7	-	-	-
1980	38.7	-	-	-
1981	38.6	-	-	-
TOBACCO MANUFACTURES — SIC 21				
1977	2.4	-	-	-
1978	2.5	-	-	-
1979	2.6	-	-	-
1980	2.8	-	-	-
1981	2.8	-	-	-
TEXTILE MILL PRODUCTS — SIC 22				
1977	26.8	-	-	-
1978	24.1	-	-	-
1979	21.3	-	-	-
1980	21.1	-	-	-
1981	20.7	-	-	-
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	157.2	-	-	-
1978	157.3	-	-	-
1979	150.9	-	-	-
1980	143.7	-	-	-
1981	140.7	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
NEW YORK SMSA[1] (Con.)				
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	20.0	-	-	-
1978	20.4	-	-	-
1979	19.7	-	-	-
1980	18.9	-	-	-
1981	18.3	-	-	-
PRINTING AND PUBLISHING — SIC 27				
1977	99.2	-	-	-
1978	99.9	-	-	-
1979	103.0	-	-	-
1980	103.7	-	-	-
1981	103.7	-	-	-
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	38.6	-	-	-
1978	38.4	-	-	-
1979	37.9	-	-	-
1980	36.7	-	-	-
1981	35.5	-	-	-
PETROLEUM AND COAL PRODUCTS — SIC 29				
1977	5.3	-	-	-
1978	5.0	-	-	-
1979	4.3	-	-	-
1980	3.6	-	-	-
1981	3.1	-	-	-
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS — SIC 30				
1977	10.2	-	-	-
1978	10.2	-	-	-
1979	9.9	-	-	-
1980	9.8	-	-	-
1981	9.6	-	-	-
LEATHER AND LEATHER PRODUCTS — SIC 31				
1977	16.0	-	-	-
1978	15.6	-	-	-
1979	15.9	-	-	-
1980	14.9	-	-	-
1981	15.0	-	-	-
MISCELLANEOUS MANUFACTURING INDUSTRIES — SIC 39				
1977	48.4	-	-	-
1978	47.2	-	-	-
1979	45.9	-	-	-
1980	40.9	-	-	-
1981	39.1	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	280.0	-	-	-
1978	281.2	-	-	-
1979	281.4	-	-	-
1980	280.3	-	-	-
1981	278.4	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	713.7	-	-	-
1978	717.8	-	-	-
1979	721.8	-	-	-
1980	716.0	-	-	-
1981	715.1	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	272.5	-	-	-
1978	274.1	-	-	-
1979	274.5	-	-	-
1980	274.4	-	-	-
1981	276.4	-	-	-
RETAIL TRADE — SIC 52-59				
1977	441.2	-	-	-
1978	443.7	-	-	-
1979	447.3	-	-	-
1980	441.6	-	-	-
1981	438.7	-	-	-

See footnotes at end of tables

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Production or nonsupervisory workers: Average weekly hours	Production or nonsupervisory workers: Average hourly earnings (dollars)
NEW YORK SMSA[1] (Con.)				
FINANCE, INSURANCE, AND REAL ESTATE				
1977	433.4	-	-	-
1978	437.5	-	-	-
1979	450.3	-	-	-
1980	469.7	-	-	-
1981	495.3	-	-	-
SERVICES				
1977	879.1	-	-	-
1978	920.3	-	-	-
1979	963.1	-	-	-
1980	1,002.7	-	-	-
1981	1,047.4	-	-	-
GOVERNMENT				
1977	582.7	-	-	-
1978	599.4	-	-	-
1979	599.0	-	-	-
1980	595.5	-	-	-
1981	592.5	-	-	-
FEDERAL GOVERNMENT				
1977	91.8	-	-	-
1978	92.1	-	-	-
1979	91.0	-	-	-
1980	94.6	-	-	-
1981	87.4	-	-	-
STATE GOVERNMENT				
1977	62.3	-	-	-
1978	63.9	-	-	-
1979	65.6	-	-	-
1980	65.1	-	-	-
1981	65.5	-	-	-
LOCAL GOVERNMENT				
1977	428.7	-	-	-
1978	443.4	-	-	-
1979	442.4	-	-	-
1980	435.8	-	-	-
1981	439.6	-	-	-
NEW YORK CITY[1]				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	3,187.9	-	-	-
1978	3,236.6	-	-	-
1979	3,278.8	-	-	-
1980	3,301.9	-	-	-
1981	3,354.9	-	-	-
MINING				
1977	1.4	-	-	-
1978	1.2	-	-	-
1979	1.1	-	-	-
1980	1.3	-	-	-
1981	1.5	-	-	-
CONSTRUCTION				
1977	64.2	-	-	-
1978	65.6	-	-	-
1979	70.9	-	-	-
1980	76.8	-	-	-
1981	82.3	-	-	-
GENERAL BUILDING CONTRACTORS — SIC 15				
1977	10.6	-	-	-
1978	11.7	-	-	-
1979	12.8	-	-	-
1980	13.5	-	-	-
1981	14.6	-	-	-
HEAVY CONSTRUCTION CONTRACTORS — SIC 16				
1977	8.6	-	-	-
1978	8.2	-	-	-
1979	8.0	-	-	-
1980	9.8	-	-	-
1981	10.8	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Production or nonsupervisory workers: Average weekly hours	Production or nonsupervisory workers: Average hourly earnings (dollars)
NEW YORK CITY[1] (Con.)				
SPECIAL TRADE CONTRACTORS — SIC 17				
1977	45.0	-	-	-
1978	45.8	-	-	-
1979	50.2	-	-	-
1980	53.5	-	-	-
1981	56.9	-	-	-
MANUFACTURING				
1977	538.6	193.07	37.2	5.19
1978	532.1	202.00	37.2	5.43
1979	518.5	217.46	37.3	5.83
1980	495.7	235.69	37.0	6.37
1981	483.4	255.99	37.1	6.90
DURABLE GOODS				
1977	115.8	194.54	39.3	4.95
1978	114.8	205.27	39.4	5.21
1979	111.5	223.28	39.8	5.61
1980	105.3	241.16	39.6	6.09
1981	101.1	261.36	39.6	6.60
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	3.7	198.12	39.0	5.08
1978	3.5	209.13	38.8	5.39
1979	3.5	232.03	39.8	5.83
1980	3.5	262.40	40.0	6.56
1981	3.6	278.24	39.3	7.08
FURNITURE AND FIXTURES — SIC 25				
1977	10.6	183.07	38.3	4.78
1978	10.9	187.23	37.9	4.94
1979	10.3	205.36	38.1	5.39
1980	10.2	234.00	39.0	6.00
1981	9.5	255.18	38.9	6.56
PARTITIONS AND FIXTURES — SIC 254				
1977	4.0	-	-	-
1978	4.1	-	-	-
1979	4.0	-	-	-
1980	3.6	-	-	-
1981	3.0	294.36	39.3	7.49
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	4.7	-	-	-
1978	4.6	-	-	-
1979	4.4	230.11	40.8	5.64
1980	4.3	261.87	40.6	6.45
1981	4.1	292.17	42.1	6.94
PRIMARY METAL INDUSTRIES — SIC 33				
1977	7.5	245.18	41.0	5.98
1978	7.2	264.71	40.6	6.52
1979	6.8	293.23	41.3	7.10
1980	6.4	313.47	40.5	7.74
1981	5.8	340.28	38.8	8.77
FABRICATED METAL PRODUCTS — SIC 34				
1977	23.1	187.31	39.6	4.73
1978	23.2	201.70	40.1	5.03
1979	22.8	215.20	40.3	5.34
1980	22.0	236.51	39.6	5.72
1981	21.7	248.35	39.8	6.24
FABRICATED STRUCTURAL METAL PRODUCTS — SIC 344				
1977	6.2	210.01	39.7	5.29
1978	6.1	214.38	39.7	5.40
1979	6.1	234.93	41.0	5.73
1980	6.2	251.29	40.4	6.22
1981	6.3	271.06	40.7	6.66
METAL FORGINGS AND STAMPINGS — SIC 346				
1977	3.1	193.85	39.4	4.92
1978	3.1	206.98	39.2	5.28
1979	3.1	218.40	39.0	5.60
1980	3.2	226.42	37.8	5.99
1981	3.3	254.76	38.6	6.60

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Production or nonsupervisory workers: Average weekly hours	Production or nonsupervisory workers: Average hourly earnings (dollars)
NEW YORK CITY[1] (Con.)				
MISC. FABRICATED METAL PRODUCTS — SIC 349				
1977	3.7	202.86	40.9	4.96
1978	3.8	227.01	41.5	5.47
1979	3.8	237.89	41.3	5.76
1980	3.8	252.14	41.2	6.12
1981	3.7	280.43	41.3	6.79
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	16.5	205.13	39.6	5.18
1978	16.2	216.80	40.0	5.42
1979	15.9	245.55	41.2	5.96
1980	14.8	253.94	40.5	6.27
1981	14.6	272.30	40.4	6.74
SPECIAL INDUSTRY MACHINERY — SIC 355				
1977	3.6	-	-	-
1978	3.6	-	-	-
1979	3.5	278.04	42.0	6.62
1980	3.1	301.07	41.7	7.22
1981	3.0	316.74	40.4	7.84
OFFICE AND COMPUTING MACHINES — SIC 357				
1977	3.8	184.84	42.2	4.38
1978	3.9	191.27	42.6	4.49
1979	3.6	203.30	42.8	4.75
1980	3.1	213.83	41.2	5.19
1981	3.3	226.46	41.4	5.47
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	31.0	178.69	38.1	4.69
1978	31.3	190.38	38.0	5.01
1979	31.1	202.75	38.4	5.28
1980	28.5	221.16	38.8	5.70
1981	27.6	237.07	38.8	6.11
HOUSEHOLD APPLIANCES — SIC 363				
1977	2.7	-	-	-
1978	2.7	-	-	-
1979	2.8	233.73	44.1	5.30
1980	2.4	217.31	39.8	5.46
1981	2.6	212.16	39.0	5.44
ELECTRIC LIGHTING AND WIRING EQUIPMENT — SIC 364				
1977	9.8	162.43	36.5	4.45
1978	10.1	173.88	36.0	4.83
1979	10.2	186.79	36.2	5.16
1980	9.4	212.24	37.3	5.69
1981	9.4	232.59	38.7	6.01
RADIO AND TV RECEIVING EQUIPMENT — SIC 365				
1977	4.8	-	-	-
1978	4.9	-	-	-
1979	4.9	-	-	-
1980	4.3	-	-	-
1981	3.8	-	-	-
COMMUNICATION EQUIPMENT — SIC 366				
1977	7.5	209.41	40.9	5.12
1978	7.2	218.80	40.0	5.47
1979	6.2	238.39	40.2	5.93
1980	6.2	275.46	41.8	6.59
1981	5.9	293.45	40.7	7.21
ELECTRONIC COMPONENTS AND ACCESSORIES — SIC 367				
1977	2.8	-	-	-
1978	2.8	-	-	-
1979	3.1	-	-	-
1980	2.8	-	-	-
1981	2.7	243.83	37.0	6.59
TRANSPORTATION EQUIPMENT — SIC 37				
1977	6.3	-	-	-
1978	6.5	-	-	-
1979	6.1	-	-	-
1980	5.6	-	-	-
1981	5.4	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
NEW YORK CITY[1] (Con.)				
INSTRUMENTS AND RELATED PRODUCTS — SIC 38				
1977	12.2	181.94	39.9	4.56
1978	11.5	178.33	38.6	4.62
1979	10.6	190.73	38.3	4.98
1980	10.1	202.22	38.3	5.28
1981	8.8	222.52	38.3	5.81
NONDURABLE GOODS				
1977	422.8	192.88	36.6	5.27
1978	417.3	201.85	36.7	5.50
1979	407.0	215.94	36.6	5.90
1980	390.4	233.85	36.2	6.46
1981	382.3	254.44	36.4	6.99
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	31.8	265.43	41.8	6.35
1978	31.7	278.10	42.2	6.59
1979	30.3	290.00	42.9	6.76
1980	28.1	314.70	42.7	7.37
1981	27.5	357.86	42.4	8.44
BAKERY PRODUCTS — SIC 205				
1977	8.1	-	-	-
1978	8.1	-	-	-
1979	7.4	-	-	-
1980	6.9	-	-	-
1981	7.0	383.76	41.0	9.36
SUGAR AND CONFECTIONERY PRODUCTS — SIC 206				
1977	5.0	-	-	-
1978	4.7	-	-	-
1979	4.2	259.37	40.4	6.42
1980	3.9	270.41	40.3	6.71
1981	3.6	319.70	41.9	7.63
BEVERAGES — SIC 208				
1977	6.3	-	-	-
1978	6.0	-	-	-
1979	5.7	-	-	-
1980	5.0	-	-	-
1981	4.7	-	-	-
TOBACCO MANUFACTURES — SIC 21				
1977	2.4	-	-	-
1978	2.5	-	-	-
1979	2.6	-	-	-
1980	2.8	-	-	-
1981	2.8	-	-	-
TEXTILE MILL PRODUCTS — SIC 22				
1977	25.5	172.33	37.3	4.62
1978	22.8	174.17	36.9	4.72
1979	20.1	181.44	37.8	4.80
1980	19.8	195.56	37.9	5.16
1981	19.4	201.17	38.1	5.28
WEAVING MILLS, COTTON, SYNTHETICS, AND WOOL — SIC 221-3				
1977	2.7	-	-	-
1978	2.5	-	-	-
1979	2.1	-	-	-
1980	2.1	-	-	-
1981	1.9	-	-	-
KNITTING MILLS — SIC 225				
1977	18.5	-	-	-
1978	16.1	-	-	-
1979	14.1	-	-	-
1980	14.1	-	-	-
1981	13.8	-	-	-
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	152.7	158.47	34.6	4.58
1978	152.8	166.91	34.7	4.81
1979	146.7	177.33	34.5	5.14
1980	139.6	188.36	34.0	5.54
1981	136.7	200.75	34.2	5.87
NEW YORK CITY[1] (Con.)				
MEN'S AND BOYS' SUITS AND COATS — SIC 231				
1977	10.1	191.07	38.6	4.95
1978	8.8	201.49	38.6	5.22
1979	7.7	217.72	39.3	5.54
1980	6.3	229.70	38.8	5.92
1981	6.0	241.55	38.1	6.34
MEN'S AND BOYS' FURNISHINGS — SIC 232				
1977	11.3	159.40	35.9	4.44
1978	11.2	163.62	36.2	4.52
1979	10.9	179.95	36.8	4.89
1980	10.9	193.36	37.4	5.17
1981	10.7	211.31	37.4	5.65
WOMEN'S AND MISSES' OUTERWEAR — SIC 233				
1977	73.5	162.50	33.3	4.88
1978	76.2	169.00	33.4	5.06
1979	74.3	179.23	33.5	5.35
1980	70.4	190.64	32.7	5.83
1981	69.8	203.32	32.9	6.18
WOMEN'S AND CHILDREN'S UNDERGARMENTS — SIC 234				
1977	10.7	-	-	-
1978	10.1	-	-	-
1979	8.8	-	-	-
1980	8.2	177.26	33.7	5.26
1981	7.6	186.59	34.3	5.44
MISCELLANEOUS APPAREL AND ACCESSORIES — SIC 238				
1977	10.8	-	-	-
1978	10.2	-	-	-
1979	10.3	-	-	-
1980	9.7	180.34	35.5	5.08
1981	9.1	198.49	35.7	5.56
MISC. FABRICATED TEXTILE PRODUCTS — SIC 239				
1977	20.4	-	-	-
1978	20.7	-	-	-
1979	19.9	153.64	35.4	4.34
1980	20.1	163.09	35.3	4.62
1981	20.0	169.66	35.2	4.82
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	17.8	196.31	39.9	4.92
1978	18.1	209.96	40.3	5.21
1979	17.4	224.32	40.2	5.58
1980	16.8	241.20	40.0	6.03
1981	16.3	262.51	40.2	6.53
MISC. CONVERTED PAPER PRODUCTS — SIC 264				
1977	8.0	194.04	39.6	4.90
1978	8.3	205.49	39.9	5.15
1979	8.0	220.00	40.0	5.50
1980	7.7	240.80	40.0	6.02
1981	7.4	261.85	40.1	6.53
PAPERBOARD CONTAINERS AND BOXES — SIC 265				
1977	6.0	199.08	40.3	4.94
1978	6.1	215.42	40.8	5.28
1979	6.0	229.64	40.5	5.67
1980	5.8	241.60	40.0	6.04
1981	5.9	265.28	40.5	6.55
PRINTING AND PUBLISHING — SIC 27				
1977	90.1	318.98	35.8	8.91
1978	90.3	327.25	36.2	9.04
1979	93.5	343.43	35.7	9.62
1980	94.2	375.87	35.9	10.47
1981	94.0	411.98	35.7	11.54
NEWSPAPERS — SIC 271				
1977	16.8	-	-	-
1978	15.3	-	-	-
1979	16.1	-	-	-
1980	16.2	-	-	-
1981	16.2	-	-	-
NEW YORK CITY[1] (Con.)				
PERIODICALS — SIC 272				
1977	20.1	-	-	-
1978	20.7	-	-	-
1979	21.6	-	-	-
1980	22.0	-	-	-
1981	22.8	-	-	-
BOOKS — SIC 273				
1977	14.8	-	-	-
1978	15.5	-	-	-
1979	16.3	-	-	-
1980	17.1	-	-	-
1981	17.1	-	-	-
COMMERCIAL PRINTING — SIC 275				
1977	21.1	-	-	-
1978	21.0	-	-	-
1979	21.5	-	-	-
1980	21.2	-	-	-
1981	20.7	429.01	38.1	11.26
BLANKBOOKS AND BOOKBINDING — SIC 278				
1977	5.5	207.48	38.0	5.46
1978	5.6	212.24	38.8	5.47
1979	5.7	206.21	38.4	5.37
1980	5.6	222.32	38.2	5.82
1981	5.5	-	-	-
PRINTING TRADE SERVICES — SIC 279				
1977	6.3	383.41	35.6	10.77
1978	6.4	405.77	34.8	11.66
1979	6.7	431.03	35.1	12.28
1980	6.7	440.49	35.9	12.27
1981	6.7	463.32	36.0	12.87
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	27.2	280.58	43.1	6.51
1978	26.7	305.02	42.9	7.11
1979	26.4	332.96	44.1	7.55
1980	25.7	350.76	43.9	7.99
1981	24.5	-	-	-
DRUGS — SIC 283				
1977	5.2	-	-	-
1978	5.1	-	-	-
1979	5.1	-	-	-
1980	5.0	-	-	-
1981	4.8	-	-	-
SOAP, CLEANERS, AND TOILET GOODS — SIC 284				
1977	11.4	-	-	-
1978	11.3	-	-	-
1979	11.1	-	-	-
1980	11.4	-	-	-
1981	11.7	473.28	40.8	11.60
PETROLEUM AND COAL PRODUCTS — SIC 29				
1977	4.7	-	-	-
1978	3.5	-	-	-
1979	2.7	-	-	-
1980	1.9	-	-	-
1981	1.4	-	-	-
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS — SIC 30				
1977	8.9	163.17	41.1	3.97
1978	8.8	180.74	40.8	4.43
1979	8.4	188.40	40.0	4.71
1980	8.0	194.69	38.1	5.11
1981	7.8	-	-	-
LEATHER AND LEATHER PRODUCTS — SIC 31				
1977	15.3	140.63	37.5	3.75
1978	14.8	146.59	37.3	3.93
1979	14.9	155.82	37.1	4.20
1980	14.0	163.99	36.2	4.53
1981	14.2	173.63	37.1	4.68

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Production or nonsupervisory workers: Average weekly hours	Production or nonsupervisory workers: Average hourly earnings (dollars)
NEW YORK CITY[1] (Con.)				
FOOTWEAR, EXCEPT RUBBER — SIC 314				
1977	3.3	149.41	36.8	4.06
1978	3.2	160.24	36.5	4.39
1979	2.9	175.85	37.1	4.74
1980	2.7	189.25	37.7	5.02
1981	2.6	189.07	37.0	5.11
HANDBAGS AND PERSONAL LEATHER GOODS — SIC 317				
1977	7.8	-	-	-
1978	7.5	-	-	-
1979	7.9	-	-	-
1980	7.4	-	-	-
1981	7.7	-	-	-
MISCELLANEOUS MANUFACTURING INDUSTRIES — SIC 39				
1977	46.4	165.68	38.0	4.36
1978	45.2	176.15	37.8	4.66
1979	44.0	185.74	37.6	4.94
1980	39.4	199.28	36.7	5.43
1981	37.6	213.28	36.9	5.78
TOYS AND SPORTING GOODS — SIC 394				
1977	8.6	129.03	39.7	3.25
1978	7.6	147.42	40.5	3.64
1979	7.7	140.99	37.8	3.73
1980	6.9	-	-	-
1981	6.3	163.24	37.1	4.40
TRANSPORTATION AND PUBLIC UTILITIES				
1977	258.2	-	-	-
1978	259.5	-	-	-
1979	258.7	-	-	-
1980	257.0	-	-	-
1981	254.9	-	-	-
RAILROAD TRANSPORTATION — SIC 40				
1977	6.6	-	-	-
1978	6.7	-	-	-
1979	6.5	-	-	-
1980	6.2	-	-	-
1981	5.9	-	-	-
TRANSPORTATION BY AIR — SIC 45				
1977	50.2	-	-	-
1978	50.5	-	-	-
1979	51.0	-	-	-
1980	49.6	-	-	-
1981	47.6	-	-	-
COMMUNICATION — SIC 48				
1977	75.9	-	-	-
1978	75.9	-	-	-
1979	79.0	-	-	-
1980	81.7	-	-	-
1981	84.0	-	-	-
TELEPHONE, AND TELEGRAPH COMMUNICATION — SIC 481,2				
1977	58.0	318.39	39.7	8.02
1978	56.8	349.05	39.8	8.77
1979	58.3	384.48	40.6	9.47
1980	59.1	412.90	40.6	10.17
1981	60.2	456.25	40.7	11.21
ELECTRIC, GAS, AND SANITARY SERVICES — SIC 49				
1977	25.6	346.38	42.5	8.15
1978	25.4	378.45	43.6	8.68
1979	25.0	404.05	43.4	9.31
1980	24.9	433.87	43.0	10.09
1981	24.9	479.60	43.6	11.00
WHOLESALE AND RETAIL TRADE				
1977	620.1	-	-	-
1978	619.6	-	-	-
1979	621.1	-	-	-
1980	612.8	-	-	-
1981	610.8	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Production or nonsupervisory workers: Average weekly hours	Production or nonsupervisory workers: Average hourly earnings (dollars)
NEW YORK CITY[1] (Con.)				
WHOLESALE AND RETAIL TRADE, EXCEPT EATING AND DRINKING PLACES — SIC 50-57,59				
1977	-	201.56	35.3	5.71
1978	-	213.60	35.6	6.00
1979	-	225.57	35.3	6.39
1980	-	245.34	35.2	6.97
1981	-	265.46	35.3	7.52
WHOLESALE TRADE — SIC 50,51				
1977	248.0	254.79	38.2	6.67
1978	248.3	273.79	38.4	7.13
1979	248.1	284.26	37.6	7.56
1980	246.0	304.81	37.4	8.15
1981	247.4	333.89	37.6	8.88
RETAIL TRADE — SIC 52-59				
1977	372.1	-	-	-
1978	371.3	-	-	-
1979	373.0	-	-	-
1980	366.8	-	-	-
1981	363.3	-	-	-
RETAIL TRADE, EXCEPT EATING AND DRINKING PLACES — SIC 52-57,59				
1977	-	151.26	32.6	4.64
1978	-	156.78	32.8	4.78
1979	-	169.80	33.1	5.13
1980	-	187.11	33.0	5.67
1981	-	198.66	33.0	6.02
BUILDING MATERIALS AND GARDEN SUPPLIES — SIC 52				
1977	5.9	-	-	-
1978	5.8	-	-	-
1979	6.2	-	-	-
1980	6.2	-	-	-
1981	6.2	-	-	-
GENERAL MERCHANDISE STORES — SIC 53				
1977	72.0	-	-	-
1978	71.1	-	-	-
1979	68.6	-	-	-
1980	65.5	-	-	-
1981	62.5	-	-	-
DEPARTMENT STORES — SIC 531				
1977	61.2	-	-	-
1978	60.7	-	-	-
1979	58.1	-	-	-
1980	55.0	162.44	28.3	5.74
1981	52.0	174.10	27.9	6.24
FOOD STORES — SIC 54				
1977	60.4	-	-	-
1978	59.7	-	-	-
1979	60.9	-	-	-
1980	59.4	-	-	-
1981	58.0	-	-	-
AUTOMOTIVE DEALERS AND SERVICE STATIONS — SIC 55				
1977	17.2	-	-	-
1978	16.6	-	-	-
1979	15.8	-	-	-
1980	15.1	-	-	-
1981	14.6	-	-	-
APPAREL AND ACCESSORY STORES — SIC 56				
1977	44.6	-	-	-
1978	43.3	-	-	-
1979	42.8	-	-	-
1980	41.8	-	-	-
1981	41.4	-	-	-
FURNITURE AND HOME FURNISHINGS STORES — SIC 57				
1977	16.2	-	-	-
1978	16.1	-	-	-
1979	16.5	-	-	-
1980	16.3	-	-	-
1981	16.2	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Production or nonsupervisory workers: Average weekly hours	Production or nonsupervisory workers: Average hourly earnings (dollars)
NEW YORK CITY[1] (Con.)				
EATING AND DRINKING PLACES — SIC 58				
1977	106.1	-	-	-
1978	109.2	-	-	-
1979	111.8	-	-	-
1980	111.7	-	-	-
1981	112.6	-	-	-
MISCELLANEOUS RETAIL — SIC 59				
1977	49.7	-	-	-
1978	49.4	-	-	-
1979	50.4	-	-	-
1980	50.9	-	-	-
1981	51.7	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	414.4	-	-	-
1978	418.0	-	-	-
1979	429.6	-	-	-
1980	448.1	-	-	-
1981	472.7	-	-	-
BANKING — SIC 60				
1977	133.8	203.60	36.1	5.64
1978	137.7	215.72	36.5	5.91
1979	144.0	230.26	36.9	6.24
1980	152.7	247.38	37.2	6.65
1981	162.7	264.49	37.2	7.11
CREDIT AGENCIES, EXCEPT BANKS, AND HOLDING AND OTHER INVESTMENT COMPANIES — SIC 61,67				
1977	22.4	-	-	-
1978	22.6	-	-	-
1979	23.4	-	-	-
1980	23.4	-	-	-
1981	24.0	-	-	-
SECURITY, COMMODITY BROKERS AND SERVICES — SIC 62				
1977	70.1	-	-	-
1978	71.0	-	-	-
1979	76.1	-	-	-
1980	84.8	-	-	-
1981	97.4	-	-	-
INSURANCE CARRIERS — SIC 63				
1977	78.5	-	-	-
1978	77.3	-	-	-
1979	75.7	-	-	-
1980	75.3	-	-	-
1981	74.9	-	-	-
INSURANCE AGENTS, BROKERS AND SERVICE — SIC 64				
1977	24.0	-	-	-
1978	25.3	-	-	-
1979	26.2	-	-	-
1980	27.3	-	-	-
1981	28.2	-	-	-
REAL ESTATE, AND COMBINATION OFFICES — SIC 65,66				
1977	85.7	-	-	-
1978	84.0	-	-	-
1979	84.3	-	-	-
1980	84.7	-	-	-
1981	85.5	-	-	-
SERVICES				
1977	783.2	-	-	-
1978	819.7	-	-	-
1979	858.7	-	-	-
1980	893.7	-	-	-
1981	935.3	-	-	-
YEAR ROUND HOTELS				
1977	22.6	178.01	34.7	5.13
1978	22.7	187.41	34.9	5.37
1979	24.8	210.52	35.5	5.93
1980	25.6	223.52	34.6	6.46
1981	26.9	250.26	35.1	7.13

See footnotes at end of tables.

NEW YORK

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
NEW YORK CITY[1] (Con.)				
HOSPITALS — SIC 806				
1977	118.4	-	-	-
1978	117.2	-	-	-
1979	117.4	-	-	-
1980	120.1	-	-	-
1981	122.8	-	-	-
GOVERNMENT				
1977	507.8	-	-	-
1978	520.8	-	-	-
1979	520.1	-	-	-
1980	516.3	-	-	-
1981	514.1	-	-	-
FEDERAL GOVERNMENT				
1977	84.4	-	-	-
1978	84.6	-	-	-
1979	83.7	-	-	-
1980	87.1	-	-	-
1981	80.3	-	-	-
STATE GOVERNMENT				
1977	50.8	-	-	-
1978	52.2	-	-	-
1979	53.5	-	-	-
1980	52.9	-	-	-
1981	53.1	-	-	-
LOCAL GOVERNMENT				
1977	372.6	-	-	-
1978	383.9	-	-	-
1979	383.0	-	-	-
1980	376.3	-	-	-
1981	380.7	-	-	-
POUGHKEEPSIE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	87.3	-	-	-
1978	92.8	-	-	-
1979	97.1	-	-	-
1980	97.6	-	-	-
1981	99.9	-	-	-
CONSTRUCTION				
1977	2.7	-	-	-
1978	3.0	-	-	-
1979	2.8	-	-	-
1980	2.7	-	-	-
1981	2.6	-	-	-
MANUFACTURING				
1977	28.4	235.19	42.3	5.56
1978	30.8	249.57	42.3	5.90
1979	32.3	264.39	42.1	6.28
1980	31.6	289.67	41.8	6.93
1981	32.6	324.65	43.0	7.55
TRANSPORTATION AND PUBLIC UTILITIES				
1977	2.9	-		-
1978	2.9	-		-
1979	2.8	-	-	-
1980	2.9	-	-	-
1981	2.8	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	14.8	-	-	-
1978	15.6	-	-	-
1979	16.1	-	-	-
1980	16.3	-	-	-
1981	16.4	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	2.5	-	-	-
1978	2.6	-	-	-
1979	2.6	-	-	-
1980	2.7	-	-	-
1981	2.9	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
POUGHKEEPSIE (Con.)				
SERVICES AND MINING				
1977	15.4	-	-	-
1978	16.2	-	-	-
1979	17.5	-	-	-
1980	18.1	-	-	-
1981	19.0	-	-	-
GOVERNMENT				
1977	20.7	-	-	-
1978	21.8	-	-	-
1979	23.1	-	-	-
1980	23.3	-	-	-
1981	23.4	-	-	-
ROCHESTER				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	395.0	-	-	-
1978	405.6	-	-	-
1979	414.0	-	-	-
1980	414.4	-	-	-
1981	419.1	-	-	-
CONSTRUCTION				
1977	11.3	-	-	-
1978	12.4	-	-	-
1979	12.3	-	-	-
1980	11.4	-	-	-
1981	11.4	-	-	-
MANUFACTURING				
1977	149.3	276.47	41.7	6.63
1978	152.5	297.74	41.7	7.14
1979	157.2	327.02	41.5	7.88
1980	156.4	357.70	41.4	8.64
1981	158.7	394.70	41.2	9.58
DURABLE GOODS				
1977	116.6	296.67	42.2	7.03
1978	118.8	320.30	42.2	7.59
1979	123.5	351.96	42.0	8.38
1980	124.1	384.64	41.9	9.18
1981	127.6	424.13	41.5	10.22
PRIMARY AND FABRICATED METALS — SIC 33,34				
1977	7.4	248.27	40.7	6.10
1978	7.8	275.26	40.9	6.73
1979	8.0	304.41	41.7	7.30
1980	8.0	333.56	41.8	7.98
1981	7.8	352.97	40.9	8.63
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	15.9	354.02	44.7	7.92
1978	17.3	361.88	43.6	8.30
1979	19.1	409.45	43.1	9.50
1980	19.6	435.31	42.1	10.34
1981	19.2	471.31	40.7	11.58
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	11.5	308.17	43.1	7.15
1978	11.5	322.09	41.4	7.78
1979	12.2	335.78	40.8	8.23
1980	11.2	340.29	39.8	8.55
1981	11.2	380.95	39.6	9.62
INSTRUMENTS AND RELATED PRODUCTS — SIC 38				
1977	77.1	294.14	41.9	7.02
1978	77.6	322.24	42.4	7.60
1979	79.5	352.80	42.1	8.38
1980	81.1	394.32	42.4	9.30
1981	85.1	438.84	42.4	10.35
NONDURABLE GOODS				
1977	32.7	212.67	39.9	5.33
1978	33.7	226.80	40.0	5.67
1979	33.6	245.17	39.8	6.16
1980	32.2	269.72	39.9	6.76
1981	31.1	288.40	40.0	7.21

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
ROCHESTER (Con.)				
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	8.8	214.54	42.4	5.06
1978	8.7	235.15	42.6	5.52
1979	8.8	252.42	42.0	6.01
1980	8.3	267.71	41.7	6.42
1981	7.9	290.51	41.8	6.95
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	3.3	181.63	38.4	4.73
1978	3.1	190.88	38.1	5.01
1979	2.6	196.57	37.3	5.27
1980	2.4	222.56	40.1	5.55
1981	2.1	238.39	40.2	5.93
PRINTING AND PUBLISHING — SIC 27				
1977	7.9	265.59	39.0	6.81
1978	8.1	275.66	39.1	7.05
1979	8.3	296.42	38.9	7.62
1980	8.4	325.70	39.1	8.33
1981	8.2	339.01	38.7	8.76
TRANSPORTATION AND PUBLIC UTILITIES				
1977	13.0	-	-	-
1978	13.0	-	-	-
1979	12.9	-	-	-
1980	12.8	-	-	-
1981	12.8	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	76.7	-	-	-
1978	78.1	-	-	-
1979	78.1	-	-	-
1980	76.7	-	-	-
1981	77.3	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	14.6	-	-	-
1978	14.8	-	-	-
1979	15.1	-	-	-
1980	15.3	-	-	-
1981	15.4	-	-	-
RETAIL TRADE — SIC 52-59				
1977	62.0	-	-	-
1978	63.4	-	-	-
1979	63.0	-	-	-
1980	61.4	-	-	-
1981	62.0	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	15.6	-	-	-
1978	15.8	-	-	-
1979	15.9	-	-	-
1980	15.9	-	-	-
1981	15.8	-	-	-
SERVICES AND MINING				
1977	71.4	-	-	-
1978	74.0	-	-	-
1979	77.1	-	-	-
1980	79.7	-	-	-
1981	82.3	-	-	-
GOVERNMENT				
1977	57.6	-	-	-
1978	59.9	-	-	-
1979	60.5	-	-	-
1980	61.7	-	-	-
1981	60.8	-	-	-
FEDERAL GOVERNMENT				
1977	5.0	-	-	-
1978	5.1	-	-	-
1979	5.0	-	-	-
1980	5.3	-	-	-
1981	5.0	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
ROCHESTER (Con.)				
STATE GOVERNMENT				
1977	11.2	-	-	-
1978	11.5	-	-	-
1979	11.7	-	-	-
1980	11.6	-	-	-
1981	11.5	-	-	-
LOCAL GOVERNMENT				
1977	41.5	-	-	-
1978	43.3	-	-	-
1979	43.7	-	-	-
1980	44.8	-	-	-
1981	44.3	-	-	-
ROCKLAND COUNTY[1]				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	74.7	-	-	-
1978	77.9	-	-	-
1979	80.6	-	-	-
1980	81.5	-	-	-
1981	81.8	-	-	-
CONSTRUCTION				
1977	2.1	-	-	-
1978	2.2	-	-	-
1979	2.5	-	-	-
1980	2.6	-	-	-
1981	2.6	-	-	-
MANUFACTURING				
1977	14.9	222.60	42.0	5.30
1978	15.6	242.28	41.7	5.81
1979	15.7	250.70	40.5	6.19
1980	15.6	274.04	40.3	6.90
1981	15.5	301.50	40.2	7.50
TRANSPORTATION AND PUBLIC UTILITIES				
1977	3.5	-	-	-
1978	3.5	-	-	-
1979	3.5	-	-	-
1980	3.5	-	-	-
1981	3.4	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	16.2	-	-	-
1978	16.9	-	-	-
1979	17.4	-	-	-
1980	17.8	-	-	-
1981	17.8	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	3.0	-	-	-
1978	3.1	-	-	-
1979	3.0	-	-	-
1980	3.2	-	-	-
1981	3.3	-	-	-
RETAIL TRADE — SIC 52-59				
1977	13.2	-	-	-
1978	13.7	-	-	-
1979	14.4	-	-	-
1980	14.7	-	-	-
1981	14.5	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	2.2	-	-	-
1978	2.4	-	-	-
1979	2.5	-	-	-
1980	2.6	-	-	-
1981	2.7	-	-	-
SERVICES AND MINING				
1977	16.1	-	-	-
1978	16.8	-	-	-
1979	17.5	-	-	-
1980	18.3	-	-	-
1981	18.7	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
ROCKLAND COUNTY[1] (Con.)				
GOVERNMENT				
1977	19.7	-	-	-
1978	20.7	-	-	-
1979	21.6	-	-	-
1980	21.0	-	-	-
1981	21.1	-	-	-
SYRACUSE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	246.5	-	-	-
1978	256.1	-	-	-
1979	263.5	-	-	-
1980	259.2	-	-	-
1981	258.3	-	-	-
CONSTRUCTION				
1977	10.9	-	-	-
1978	10.2	-	-	-
1979	11.3	-	-	-
1980	9.3	-	-	-
1981	9.3	-	-	-
MANUFACTURING				
1977	58.1	251.93	41.3	6.10
1978	60.1	271.41	41.5	6.54
1979	61.3	291.58	41.3	7.06
1980	59.1	315.82	41.5	7.61
1981	59.4	340.68	40.8	8.35
DURABLE GOODS				
1977	37.4	267.96	42.0	6.38
1978	39.6	290.60	42.3	6.87
1979	41.1	308.80	41.9	7.37
1980	40.1	328.60	41.7	7.88
1981	40.4	355.88	41.0	8.68
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	2.1	236.93	43.0	5.51
1978	2.2	262.80	43.8	6.00
1979	2.3	276.22	42.3	6.53
1980	2.1	292.90	43.2	6.78
1981	1.9	317.58	42.4	7.49
PRIMARY METAL INDUSTRIES — SIC 33				
1977	4.6	293.56	41.0	7.16
1978	5.0	327.89	41.4	7.92
1979	5.1	369.51	41.8	8.84
1980	5.0	397.70	41.0	9.70
1981	4.7	425.82	40.4	10.54
FABRICATED METAL PRODUCTS — SIC 34				
1977	2.2	203.45	41.1	4.95
1978	2.4	213.19	40.3	5.29
1979	2.4	244.91	41.3	5.93
1980	2.5	267.81	40.7	6.58
1981	2.5	286.16	39.8	7.19
MACHINERY — SIC 35,36				
1977	20.9	247.63	41.9	5.91
1978	21.7	275.06	43.8	6.28
1979	22.7	292.90	43.2	6.78
1980	23.3	326.92	43.3	7.55
1981	24.3	348.98	42.3	8.25
TRANSPORTATION EQUIPMENT — SIC 37				
1977	5.3	375.35	43.9	8.55
1978	5.8	387.39	41.3	9.38
1979	5.9	380.49	39.8	9.56
1980	4.6	380.00	38.0	10.00
1981	4.5	436.23	37.9	1.51
NONDURABLE GOODS				
1977	20.7	222.00	40.0	5.55
1978	20.5	236.00	40.0	5.90
1979	20.2	257.28	40.2	6.40
1980	19.1	290.58	41.1	7.07
1981	19.0	311.44	40.5	7.69

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
SYRACUSE (Con.)				
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	7.2	215.32	39.8	5.41
1978	7.1	230.68	40.4	5.71
1979	7.0	257.50	41.2	6.25
1980	6.3	283.18	41.4	6.84
1981	6.6	306.81	41.8	7.34
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	2.4	233.75	42.5	5.50
1978	2.3	260.76	43.1	6.05
1979	2.2	279.48	42.8	6.53
1980	2.0	304.16	42.9	7.09
1981	2.0	333.49	42.7	7.81
PRINTING AND PUBLISHING — SIC 27				
1977	2.9	219.49	40.2	5.46
1978	3.0	228.17	40.1	5.69
1979	2.9	244.22	39.2	6.23
1980	3.0	299.78	43.7	6.86
1981	3.0	288.00	37.5	7.68
TRANSPORTATION AND PUBLIC UTILITIES				
1977	14.0	-	-	-
1978	14.5	-	-	-
1979	15.1	-	-	-
1980	14.8	-	-	-
1981	14.4	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	55.1	-	-	-
1978	57.4	-	-	-
1979	58.9	-	-	-
1980	56.9	-	-	-
1981	56.5	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	17.2	-	-	-
1978	18.2	-	-	-
1979	18.6	-	-	-
1980	17.8	-	-	-
1981	17.5	-	-	-
RETAIL TRADE — SIC 52-59				
1977	37.8	-	-	-
1978	39.2	-	-	-
1979	40.3	-	-	-
1980	39.1	-	-	-
1981	39.0	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	14.8	-	-	-
1978	15.0	-	-	-
1979	15.5	-	-	-
1980	16.1	-	-	-
1981	16.4	-	-	-
SERVICES AND MINING				
1977	47.3	-	-	-
1978	50.3	-	-	-
1979	52.2	-	-	-
1980	52.8	-	-	-
1981	53.7	-	-	-
GOVERNMENT				
1977	46.5	-	-	-
1978	48.6	-	-	-
1979	49.3	-	-	-
1980	50.1	-	-	-
1981	48.6	-	-	-
FEDERAL GOVERNMENT				
1977	4.6	-	-	-
1978	4.6	-	-	-
1979	4.5	-	-	-
1980	4.8	-	-	-
1981	4.6	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
SYRACUSE (Con.)				
STATE GOVERNMENT				
1977	9.9	-	-	-
1978	10.5	-	-	-
1979	10.7	-	-	-
1980	10.8	-	-	-
1981	10.8	-	-	-
LOCAL GOVERNMENT				
1977	32.0	-	-	-
1978	33.5	-	-	-
1979	34.0	-	-	-
1980	34.5	-	-	-
1981	33.2	-	-	-
UTICA-ROME				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	111.3	-	-	-
1978	114.7	-	-	-
1979	116.1	-	-	-
1980	114.6	-	-	-
1981	113.5	-	-	-
CONSTRUCTION				
1977	2.8	-	-	-
1978	3.0	-	-	-
1979	3.0	-	-	-
1980	2.8	-	-	-
1981	2.5	-	-	-
MANUFACTURING				
1977	30.1	213.59	40.3	5.30
1978	31.8	232.23	40.6	5.72
1979	32.3	250.26	40.3	6.21
1980	30.6	266.39	39.7	6.71
1981	29.4	294.74	40.1	7.35
DURABLE GOODS				
1977	20.5	239.95	41.3	5.81
1978	21.5	258.96	41.5	6.24
1979	22.1	276.34	41.0	6.74
1980	21.1	296.54	40.4	7.34
1981	20.2	328.86	40.6	8.10
PRIMARY METAL INDUSTRIES — SIC 33				
1977	4.4	264.86	41.0	6.46
1978	4.7	285.52	41.5	6.88
1979	5.2	300.62	40.9	7.35
1980	4.8	312.76	40.2	7.78
1981	4.6	353.42	41.0	8.62
FABRICATED METAL PRODUCTS — SIC 34				
1977	4.4	256.34	42.3	6.06
1978	4.4	272.64	42.3	6.45
1979	4.3	283.97	40.8	6.96
1980	4.0	305.07	40.3	7.57
1981	3.8	323.53	39.6	8.17
MACHINERY, AND TRANSPORTATION EQUIPMENT — SIC 35-37				
1977	9.6	236.65	41.3	5.73
1978	10.2	252.77	41.1	6.15
1979	10.2	277.54	41.3	6.72
1980	10.1	303.69	40.6	7.48
1981	10.0	337.84	41.0	8.24
NONDURABLE GOODS				
1977	9.7	-	-	-
1978	10.3	-	-	-
1979	10.2	-	-	-
1980	9.5	-	-	-
1981	9.1	-	-	-
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	1.9	195.05	37.8	5.16
1978	1.9	209.24	37.7	5.55
1979	1.9	238.70	38.5	6.20
1980	1.7	246.53	38.4	6.42
1981	1.8	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
UTICA-ROME (Con.)				
TEXTILE MILL PRODUCTS — SIC 22				
1977	1.2	142.68	41.0	3.48
1978	1.2	156.70	40.7	3.85
1979	1.3	168.49	40.6	4.15
1980	1.2	170.52	39.2	4.35
1981	1.3	193.18	40.5	4.77
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	.8	146.26	35.5	4.12
1978	1.0	165.71	36.5	4.54
1979	1.1	180.32	36.8	4.90
1980	.9	199.26	36.9	5.40
1981	.7	212.49	36.7	5.79
LEATHER AND LEATHER PRODUCTS — SIC 31				
1977	1.5	113.93	37.6	3.03
1978	1.5	129.45	38.3	3.38
1979	1.4	137.88	38.3	3.60
1980	1.4	146.26	37.6	3.89
1981	1.4	159.36	38.4	4.15
TRANSPORTATION AND PUBLIC UTILITIES				
1977	3.9	-	-	-
1978	4.0	-	-	-
1979	4.1	-	-	-
1980	3.9	-	-	-
1981	3.9	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	20.9	-	-	-
1978	21.6	-	-	-
1979	21.9	-	-	-
1980	22.1	-	-	-
1981	22.4	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	5.0	-	-	-
1978	5.2	-	-	-
1979	5.1	-	-	-
1980	4.9	-	-	-
1981	5.0	-	-	-
RETAIL TRADE — SIC 52-59				
1977	15.9	-	-	-
1978	16.5	-	-	-
1979	16.8	-	-	-
1980	17.2	-	-	-
1981	17.4	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	5.3	-	-	-
1978	5.5	-	-	-
1979	5.6	-	-	-
1980	5.5	-	-	-
1981	5.5	-	-	-
SERVICES AND MINING				
1977	19.1	-	-	-
1978	19.7	-	-	-
1979	20.4	-	-	-
1980	20.7	-	-	-
1981	21.1	-	-	-
GOVERNMENT				
1977	29.2	-	-	-
1978	29.1	-	-	-
1979	28.9	-	-	-
1980	29.0	-	-	-
1981	28.6	-	-	-
WESTCHESTER COUNTY[6]				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	316.7	-	-	-
1978	333.4	-	-	-
1979	344.8	-	-	-
1980	352.2	-	-	-
1981	357.1	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
WESTCHESTER COUNTY[6] (Con.)				
CONSTRUCTION				
1977	12.0	-	-	-
1978	13.2	-	-	-
1979	14.6	-	-	-
1980	15.3	-	-	-
1981	15.5	-	-	-
MANUFACTURING				
1977	66.6	220.70	40.2	5.49
1978	71.5	240.02	41.1	5.84
1979	75.1	248.88	40.6	6.13
1980	74.0	270.66	40.7	6.65
1981	74.4	291.67	39.9	7.31
DURABLE GOODS				
1977	34.5	242.84	41.3	5.88
1978	37.6	268.27	43.2	6.21
1979	41.1	270.67	41.9	6.46
1980	40.5	293.30	41.9	7.00
1981	40.6	310.90	40.8	7.62
FABRICATED METAL PRODUCTS — SIC 34				
1977	2.6	-	-	-
1978	2.6	-	-	-
1979	2.7	-	-	-
1980	2.6	204.28	34.8	5.87
1981	2.8	215.90	34.0	6.35
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	13.0	284.18	42.1	6.75
1978	14.7	326.31	44.7	7.30
1979	16.3	320.63	42.3	7.58
1980	16.0	345.69	41.8	8.27
1981	16.0	376.05	42.3	8.89
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	6.0	161.17	39.6	4.07
1978	7.1	177.24	40.1	4.42
1979	8.5	196.89	40.1	4.91
1980	8.4	205.74	40.5	5.08
1981	8.6	221.35	40.1	5.52
TRANSPORTATION EQUIPMENT — SIC 37				
1977	4.6	354.90	43.6	8.14
1978	4.8	424.18	50.8	8.35
1979	5.0	478.46	50.1	9.55
1980	5.5	554.88	53.2	10.43
1981	5.2	568.15	46.8	12.14
INSTRUMENTS AND RELATED PRODUCTS — SIC 38				
1977	4.7	-	-	-
1978	4.7	-	-	-
1979	5.0	-	-	-
1980	4.7	-	-	-
1981	4.9	-	-	-
NONDURABLE GOODS				
1977	32.1	184.99	38.3	4.83
1978	33.8	194.29	37.8	5.14
1979	33.9	206.12	38.1	5.41
1980	33.5	224.62	38.2	5.88
1981	33.8	252.32	38.0	6.64
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	9.4	-	-	-
1978	9.8	-	-	-
1979	10.1	-	-	-
1980	10.4	318.30	46.4	6.86
1981	10.8	360.24	45.6	7.90
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	3.9	148.75	35.5	4.19
1978	4.0	149.84	33.9	4.42
1979	3.7	154.02	34.0	4.53
1980	3.6	162.97	32.4	5.03
1981	3.5	178.62	33.2	5.38

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
WESTCHESTER COUNTY[9] (Con.)				
PRINTING AND PUBLISHING — SIC 27				
1977	7.3	245.34	36.4	6.74
1978	7.7	264.18	35.7	7.40
1979	7.7	290.30	36.7	7.91
1980	7.7	341.10	37.9	9.00
1981	8.1	-	-	-
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	6.1	203.78	39.8	5.12
1978	6.1	206.32	39.6	5.21
1979	6.0	230.75	40.2	5.74
1980	5.5	247.27	39.5	6.26
1981	5.5	280.42	40.7	6.89
TRANSPORTATION AND PUBLIC UTILITIES				
1977	17.7	-	-	-
1978	17.6	-	-	-
1979	18.6	-	-	-
1980	19.2	-	-	-
1981	19.5	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	74.4	-	-	-
1978	78.2	-	-	-
1979	80.3	-	-	-
1980	82.4	-	-	-
1981	83.6	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	21.0	-	-	-
1978	22.0	-	-	-
1979	23.0	-	-	-
1980	24.9	-	-	-
1981	25.3	-	-	-
RETAIL TRADE — SIC 52-59				
1977	53.4	-	-	-
1978	56.2	-	-	-
1979	57.3	-	-	-
1980	57.5	-	-	-
1981	58.3	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	16.4	-	-	-
1978	16.7	-	-	-
1979	17.6	-	-	-
1980	18.4	-	-	-
1981	19.5	-	-	-
SERVICES AND MINING				
1977	77.5	-	-	-
1978	81.5	-	-	-
1979	84.4	-	-	-
1980	88.0	-	-	-
1981	90.6	-	-	-
GOVERNMENT				
1977	52.3	-	-	-
1978	54.7	-	-	-
1979	54.2	-	-	-
1980	54.9	-	-	-
1981	54.2	-	-	-
FEDERAL GOVERNMENT				
1977	6.5	-	-	-
1978	6.6	-	-	-
1979	6.4	-	-	-
1980	6.6	-	-	-
1981	6.2	-	-	-
STATE GOVERNMENT				
1977	4.1	-	-	-
1978	4.2	-	-	-
1979	4.4	-	-	-
1980	4.3	-	-	-
1981	4.5	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
WESTCHESTER COUNTY[9] (Con.)				
LOCAL GOVERNMENT				
1977	41.7	-	-	-
1978	44.0	-	-	-
1979	43.4	-	-	-
1980	43.9	-	-	-
1981	43.5	-	-	-

See footnotes at end of tables.

NORTH CAROLINA

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	2,170.4	-	-	-
1978	2,277.4	-	-	-
1979	2,373.0	-	-	-
1980	2,380.0	-	-	-
1981	2,386.2	-	-	-
MINING				
1977	4.7	193.16	43.9	4.40
1978	4.8	218.86	45.5	4.81
1979	5.2	244.99	46.4	5.28
1980	5.2	250.85	43.4	5.78
1981	4.9	264.59	42.2	6.27
CONSTRUCTION				
1977	106.8	-	-	-
1978	118.1	-	-	-
1979	126.1	-	-	-
1980	118.7	-	-	-
1981	114.9	-	-	-
MANUFACTURING				
1977	780.9	162.36	39.6	4.10
1978	807.2	177.91	39.8	4.47
1979	826.8	192.85	39.6	4.87
1980	820.0	211.04	39.3	5.37
1981	817.3	232.25	39.1	5.94
DURABLE GOODS				
1977	265.2	167.18	39.9	4.19
1978	285.5	183.77	40.3	4.56
1979	304.5	198.40	40.0	4.96
1980	304.1	217.33	39.3	5.53
1981	308.5	242.53	39.5	6.14
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	33.7	142.84	39.9	3.58
1978	35.6	158.40	40.1	3.95
1979	36.3	174.90	40.3	4.34
1980	35.5	184.47	39.5	4.67
1981	35.0	200.15	39.4	5.08
SAWMILLS AND PLANING MILLS — SIC 242				
1977	12.9	-	-	-
1978	13.7	-	-	-
1979	14.4	-	-	-
1980	14.2	-	-	-
1981	13.6	-	-	-
MILLWORK, PLYWOOD AND STRUCTURAL MEMBERS — SIC 243				
1977	8.5	150.06	41.0	3.66
1978	8.9	160.34	40.8	3.93
1979	8.7	173.38	40.7	4.26
1980	9.4	184.67	39.8	4.64
1981	8.3	201.20	40.0	5.03
WOOD BUILDINGS AND MOBILE HOMES — SIC 245				
1977	3.3	153.85	37.8	4.07
1978	3.4	r 190.12	r 38.8	r 4.90
1979	3.5	207.18	37.6	5.51
1980	3.2	200.36	35.4	5.66
1981	3.2	208.66	36.1	5.78
FURNITURE AND FIXTURES — SIC 25				
1977	77.0	147.84	38.5	3.84
1978	82.2	163.90	39.4	4.16
1979	84.8	175.24	38.6	4.54

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
FURNITURE AND FIXTURES — SIC 25 (Con.)				
1980	81.5	181.91	37.2	4.89
1981	84.3	198.59	37.4	5.31
HOUSEHOLD FURNITURE — SIC 251				
1977	70.4	147.84	38.4	3.85
1978	75.0	163.90	39.4	4.16
1979	76.7	175.24	38.6	4.54
1980	73.1	181.05	37.1	4.88
1981	75.9	196.04	37.2	5.27
WOOD HOUSEHOLD FURNITURE — SIC 2511				
1977	39.7	145.70	39.7	3.67
1978	42.6	163.20	40.8	4.00
1979	43.5	175.31	40.3	4.35
1980	40.8	180.73	38.7	4.67
1981	41.5	194.18	38.3	5.07
UPHOLSTERED HOUSEHOLD FURNITURE — SIC 2512				
1977	27.0	-	-	-
1978	28.5	-	-	-
1979	29.3	-	-	-
1980	28.0	-	-	-
1981	29.2	-	-	-
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	17.1	186.59	41.1	4.54
1978	18.3	206.67	41.5	4.98
1979	19.4	222.48	41.2	5.40
1980	18.2	241.59	40.4	5.98
1981	18.0	265.83	40.4	6.58
STRUCTURAL CLAY PRODUCTS — SIC 325				
1977	2.4	159.10	40.9	3.89
1978	2.7	178.07	41.8	4.26
1979	2.6	187.54	41.4	4.53
1980	2.3	194.14	39.3	4.94
1981	2.2	205.35	38.6	5.32
CONCRETE, GYPSUM, AND PLASTER PRODUCTS — SIC 327				
1977	4.8	-	-	-
1978	5.1	-	-	-
1979	5.2	-	-	-
1980	5.0	-	-	-
1981	4.7	-	-	-
PRIMARY METAL INDUSTRIES — SIC 33				
1977	6.9	201.66	42.1	4.79
1978	7.5	214.43	41.8	5.13
1979	8.0	234.62	41.6	5.64
1980	8.1	259.08	40.8	6.35
1981	8.8	284.56	41.3	6.89
FABRICATED METAL PRODUCTS — SIC 34				
1977	23.7	194.80	40.0	4.87
1978	25.4	211.93	40.6	5.22
1979	26.4	224.62	40.4	5.56
1980	26.0	248.13	39.7	6.25
1981	26.1	279.90	40.1	6.98
FABRICATED STRUCTURAL METAL PRODUCTS — SIC 344				
1977	11.4	-	-	-
1978	12.3	-	-	-
1979	12.4	-	-	-
1980	11.5	-	-	-
1981	10.9	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	36.7	191.27	41.4	4.62
1978	39.6	212.93	42.5	5.01
1979	45.4	225.30	41.8	5.39
1980	49.5	249.18	41.6	5.99
1981	50.5	288.43	41.5	6.95
SPECIAL INDUSTRY MACHINERY — SIC 355				
1977	7.7	183.82	40.4	4.55
1978	7.7	200.65	40.7	4.93
1979	8.1	216.41	40.3	5.37
1980	8.2	236.59	40.1	5.90
1981	8.1	257.36	39.9	6.45
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	44.6	184.50	41.0	4.50
1978	48.3	197.87	40.3	4.91
1979	53.7	216.80	40.6	5.34
1980	55.3	254.52	40.4	6.30
1981	55.7	290.19	40.7	7.13
HOUSEHOLD APPLIANCES — SIC 363				
1977	5.9	155.96	40.3	3.87
1978	6.5	172.14	40.6	4.24
1979	7.1	191.82	40.9	4.69
1980	6.7	202.64	39.5	5.13
1981	5.8	217.88	38.7	5.63
TRANSPORTATION EQUIPMENT — SIC 37				
1977	10.7	180.54	40.3	4.48
1978	13.0	197.55	40.9	4.83
1979	15.3	215.66	41.0	5.26
1980	14.9	242.61	40.3	6.02
1981	15.3	273.73	41.6	6.58
NONDURABLE GOODS				
1977	515.7	160.37	39.5	4.06
1978	521.7	174.59	39.5	4.42
1979	522.3	190.30	39.4	4.83
1980	515.9	207.90	39.3	5.29
1981	508.8	226.79	38.9	5.83
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	42.2	154.03	39.8	3.87
1978	42.2	165.13	39.6	4.17
1979	43.4	r 191.84	r 39.8	r 4.82
1980	44.0	208.30	39.6	5.26
1981	43.1	219.69	39.3	5.59
MEAT PRODUCTS — SIC 201				
1977	13.3	136.10	37.7	3.61
1978	13.3	146.64	37.6	3.90
1979	14.6	r 159.38	r 37.5	r 4.25
1980	16.0	171.38	37.5	4.57
1981	16.3	183.14	37.3	4.91
MEAT PACKING PLANTS — SIC 2011				
1977	2.8	199.44	41.9	4.76
1978	2.3	215.27	41.8	5.15
1979	2.3	253.46	43.4	5.84
1980	2.4	271.14	42.3	6.41
1981	2.4	298.32	42.8	6.97
DAIRY PRODUCTS — SIC 202				
1977	4.0	164.09	42.4	3.87
1978	3.6	176.79	42.6	4.15
1979	3.6	189.13	42.5	4.45
1980	3.4	208.31	42.6	4.89
1981	3.1	229.19	42.6	5.38

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
GRAIN MILL PRODUCTS — SIC 204				
1977	2.8	171.17	42.9	3.99
1978	2.8	190.49	43.0	4.43
1979	2.7	220.46	44.9	4.91
1980	2.8	230.83	43.8	5.27
1981	2.5	253.74	43.9	5.78
BAKERY PRODUCTS — SIC 205				
1977	9.1	168.92	41.0	4.12
1978	8.7	180.43	41.1	4.39
1979	8.5	195.43	40.8	4.79
1980	8.1	216.14	40.4	5.35
1981	7.9	229.70	40.8	5.63
BEVERAGES — SIC 208				
1977	6.5	189.39	41.9	4.52
1978	7.4	201.12	41.9	4.80
1979	7.7	323.57	43.2	7.49
1980	7.2	360.22	43.4	8.30
1981	6.9	359.68	41.2	8.73
TOBACCO MANUFACTURES — SIC 21				
1977	26.9	221.54	38.0	5.83
1978	26.1	239.51	37.6	6.37
1979	25.6	274.05	37.8	7.25
1980	24.2	313.78	38.5	8.15
1981	24.8	360.64	39.2	9.20
CIGARETTES — SIC 211				
1977	20.0	250.24	37.8	6.62
1978	19.8	275.23	37.6	7.32
1979	20.2	306.99	37.9	8.10
1980	19.3	354.59	38.5	9.21
1981	19.6	422.00	40.0	10.55
TOBACCO STEMMING AND REDRYING — SIC 214				
1977	6.4	128.21	38.5	3.33
1978	5.7	133.84	37.7	3.55
1979	4.9	144.39	37.7	3.83
1980	4.3	157.90	38.7	4.08
1981	4.6	161.11	36.7	4.39
TEXTILE MILL PRODUCTS — SIC 22				
1977	257.8	156.77	40.3	3.89
1978	255.3	169.24	40.2	4.21
1979	253.5	182.40	40.0	4.56
1980	245.8	196.02	39.6	4.95
1981	238.9	209.67	38.9	5.39
WEAVING MILLS, COTTON — SIC 221				
1977	41.4	172.58	40.8	4.23
1978	39.1	184.12	40.2	4.58
1979	38.3	199.67	40.5	4.93
1980	39.1	214.13	40.1	5.34
1981	37.7	223.67	38.3	5.84
WEAVING MILLS, COTTON, SYNTHETICS, AND WOOL — SIC 221-3				
1977	83.1	170.94	40.7	4.20
1978	79.6	184.78	40.7	4.54
1979	76.4	198.53	40.6	4.89
1980	74.2	212.80	40.0	5.32
1981	71.0	228.93	39.2	5.84
WEAVING MILLS, SYNTHETICS — SIC 222				
1977	41.5	168.06	40.4	4.16
1978	40.4	185.36	41.1	4.51
1979	37.9	197.80	40.7	4.86
1980	34.8	211.87	39.9	5.31
1981	33.0	235.35	40.3	5.84
KNITTING MILLS — SIC 225				
1977	79.8	142.74	39.0	3.66
1978	80.6	155.23	39.1	3.97
1979	81.9	166.80	38.7	4.31
1980	81.0	180.57	38.5	4.69
1981	78.1	191.65	37.8	5.07
STATEWIDE (Con.)				
WOMEN'S HOSIERY, EXCEPT SOCKS — SIC 2251				
1977	17.7	130.92	37.3	3.51
1978	18.1	145.54	38.3	3.80
1979	19.8	155.74	37.8	4.12
1980	20.6	162.58	36.7	4.43
1981	20.4	175.81	36.4	4.83
HOSIERY, NEC — SIC 2252				
1977	23.7	132.75	37.5	3.54
1978	23.6	142.11	37.3	3.81
1979	22.5	150.02	36.5	4.11
1980	22.3	168.06	37.1	4.53
1981	22.4	180.56	37.0	4.88
CIRCULAR KNIT FABRIC MILLS — SIC 2257				
1977	19.0	163.61	40.8	4.01
1978	18.3	178.35	41.0	4.35
1979	18.3	191.47	41.0	4.67
1980	17.0	210.31	41.4	5.08
1981	15.3	217.85	39.9	5.46
WARP KNIT FABRIC MILLS — SIC 2258				
1977	7.8	176.80	44.2	4.00
1978	7.6	193.10	44.7	4.32
1979	7.7	210.51	44.6	4.72
1980	7.7	222.22	42.9	5.18
1981	7.3	234.21	41.6	5.63
TEXTILE FINISHING, EXCEPT WOOL — SIC 226				
1977	17.8	165.23	41.0	4.03
1978	17.6	182.16	41.4	4.40
1979	17.4	193.39	40.8	4.74
1980	16.1	207.43	40.2	5.16
1981	15.6	226.80	40.5	5.60
YARN AND THREAD MILLS — SIC 228				
1977	63.0	151.40	40.7	3.72
1978	62.5	163.21	40.6	4.02
1979	62.4	176.11	40.3	4.37
1980	60.3	192.16	40.2	4.78
1981	59.9	203.57	39.3	5.18
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	85.3	113.62	36.3	3.13
1978	90.0	125.56	36.5	3.44
1979	88.4	136.86	36.4	3.76
1980	88.0	150.88	36.8	4.10
1981	87.7	162.43	36.5	4.45
MEN'S AND BOYS' SUITS, COATS, AND FURNISHINGS — SIC 231,2				
1977	25.5	109.08	35.3	3.09
1978	27.1	124.23	35.8	3.47
1979	26.6	136.04	35.8	3.80
1980	27.0	152.21	36.5	4.17
1981	26.9	159.10	35.2	4.52
WOMEN'S, MISSES', AND CHILDREN'S OUTERWEAR AND UNDERGARMENTS — SIC 233,4,6				
1977	42.9	111.33	36.5	3.05
1978	44.4	119.55	35.9	3.33
1979	42.5	132.13	36.3	3.64
1980	42.6	145.73	36.8	3.96
1981	42.7	157.44	36.7	4.29
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	20.9	253.70	43.0	5.90
1978	21.4	280.58	43.3	6.48
1979	21.3	314.64	43.7	7.20
1980	21.3	344.09	43.5	7.91
1981	21.4	385.00	43.9	8.77
PULP, PAPER, AND PAPERBOARD MILLS, EXCEPT BUILDING PAPER MILLS — SIC 261-3				
1977	11.5	298.82	44.8	6.67
1978	11.8	330.78	44.7	7.40
1979	11.3	378.64	45.4	8.34
1980	11.3	419.53	45.9	9.14
1981	11.1	453.91	45.3	10.02
STATEWIDE (Con.)				
PAPERBOARD CONTAINERS AND BOXES — SIC 265				
1977	5.7	191.56	42.1	4.55
1978	6.0	217.73	43.2	5.04
1979	6.2	234.42	42.7	5.49
1980	6.2	253.04	42.6	5.94
1981	6.5	273.28	42.5	6.43
PRINTING AND PUBLISHING — SIC 27				
1977	18.2	179.72	38.9	4.62
1978	19.2	193.85	39.4	4.92
1979	19.6	208.54	39.2	5.32
1980	20.5	228.93	39.0	5.87
1981	21.0	251.55	39.0	6.45
NEWSPAPERS — SIC 271				
1977	7.7	186.43	36.2	5.15
1978	7.9	200.02	36.5	5.48
1979	8.2	206.97	35.5	5.83
1980	8.4	223.24	35.1	6.36
1981	8.4	240.79	35.1	6.86
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	37.2	205.49	39.9	5.15
1978	37.3	225.99	40.5	5.58
1979	38.1	248.88	40.8	6.10
1980	39.4	267.58	39.7	6.74
1981	39.3	301.79	40.4	7.47
PLASTICS MATERIALS AND SYNTHETICS — SIC 282				
1977	20.0	232.78	41.2	5.65
1978	19.2	252.15	41.0	6.15
1979	18.8	275.72	41.4	6.66
1980	17.9	297.82	40.3	7.39
1981	16.7	350.26	42.2	8.30
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS — SIC 30				
1977	22.7	190.39	41.3	4.61
1978	25.5	214.34	41.7	5.14
1979	27.4	230.46	41.6	5.54
1980	27.1	252.10	41.6	6.06
1981	26.9	289.57	40.9	7.08
TRANSPORTATION AND PUBLIC UTILITIES				
1977	103.4	-	-	-
1978	109.5	-	-	-
1979	115.5	-	-	-
1980	116.5	-	-	-
1981	116.7	-	-	-
TRANSPORTATION, EXCEPT RAILROADS — SIC 41,42,44-47				
1977	51.2	-	-	-
1978	54.7	-	-	-
1979	58.1	-	-	-
1980	57.2	-	-	-
1981	56.9	-	-	-
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	45.3	245.21	40.8	6.01
1978	48.0	264.86	41.0	6.46
1979	50.6	287.29	41.1	6.99
1980	52.8	309.67	40.8	7.59
1981	53.6	350.51	40.9	8.57
WHOLESALE AND RETAIL TRADE				
1977	421.9	150.18	36.9	4.07
1978	446.6	160.52	36.4	4.41
1979	477.1	170.17	35.9	4.74
1980	472.9	181.41	35.5	5.11
1981	473.3	194.66	35.2	5.53
WHOLESALE TRADE — SIC 50,51				
1977	106.6	183.37	40.3	4.55
1978	114.3	198.90	40.1	4.96
1979	122.4	213.19	39.7	5.37
1980	123.8	227.15	39.3	5.78
1981	122.0	242.87	39.3	6.18

See footnotes at end of tables

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Production or nonsupervisory workers: Average weekly hours	Production or nonsupervisory workers: Average hourly earnings (dollars)
STATEWIDE (Con.)				
WHOLESALE TRADE - DURABLE GOODS — SIC 50				
1977	59.8	-	-	-
1978	65.9	-	-	-
1979	71.1	-	-	-
1980	72.1	-	-	-
1981	71.9	-	-	-
WHOLESALE TRADE - NONDURABLE GOODS — SIC 51				
1977	46.8	-	-	-
1978	48.4	-	-	-
1979	51.3	-	-	-
1980	51.7	-	-	-
1981	50.1	-	-	-
RETAIL TRADE — SIC 52-59				
1977	315.3	135.97	35.5	3.83
1978	332.3	143.72	34.8	4.13
1979	354.7	150.82	34.2	4.41
1980	349.1	159.74	33.7	4.74
1981	351.3	170.13	33.1	5.14
GENERAL MERCHANDISE STORES — SIC 53				
1977	52.3	97.26	30.3	3.21
1978	55.0	105.67	29.6	3.57
1979	57.0	112.03	28.8	3.89
1980	53.6	122.72	29.5	4.16
1981	52.5	132.07	28.9	4.57
VARIETY STORES — SIC 533				
1977	13.5	76.37	29.6	2.58
1978	13.4	82.08	28.9	2.84
1979	14.5	87.61	27.9	3.14
1980	13.8	103.80	30.0	3.46
1981	13.2	104.23	27.5	3.79
FOOD STORES — SIC 54				
1977	48.6	147.31	34.1	4.32
1978	51.6	156.62	33.9	4.62
1979	54.6	165.16	33.5	4.93
1980	54.8	176.40	33.6	5.25
1981	56.1	184.57	32.9	5.61
FINANCE, INSURANCE, AND REAL ESTATE				
1977	84.5	-	-	-
1978	88.7	-	-	-
1979	93.0	-	-	-
1980	95.5	-	-	-
1981	98.0	-	-	-
SERVICES				
1977	300.6	-	-	-
1978	316.1	-	-	-
1979	332.1	-	-	-
1980	341.3	-	-	-
1981	352.4	-	-	-
HOTELS AND OTHER LODGING PLACES — SIC 70				
1977	18.5	88.62	32.7	2.71
1978	18.8	95.17	31.0	3.07
1979	19.3	107.30	31.1	3.45
1980	18.5	121.83	31.0	3.93
1981	19.2	117.78	30.2	3.90
PERSONAL SERVICES — SIC 72				
1977	23.0	-	-	-
1978	22.7	-	-	-
1979	23.1	-	-	-
1980	22.5	-	-	-
1981	22.8	-	-	-
LAUNDRIES, CLEANING, AND GARMENT SERVICES — SIC 721				
1977	10.7	107.88	34.8	3.10
1978	10.6	117.97	34.8	3.39
1979	10.7	127.04	34.9	3.64
1980	10.2	136.96	35.3	3.88
1981	9.9	152.44	35.7	4.27
STATEWIDE (Con.)				
GOVERNMENT				
1977	367.6	-	-	-
1978	386.4	-	-	-
1979	397.2	-	-	-
1980	409.9	-	-	-
1981	408.7	-	-	-
FEDERAL GOVERNMENT				
1977	46.6	-	-	-
1978	47.4	-	-	-
1979	47.2	-	-	-
1980	49.1	-	-	-
1981	47.8	-	-	-
STATE GOVERNMENT				
1977	109.9	-	-	-
1978	113.5	-	-	-
1979	117.1	-	-	-
1980	119.9	-	-	-
1981	120.9	-	-	-
STATE EDUCATION — SIC 82,941				
1977	53.0	-	-	-
1978	52.5	-	-	-
1979	54.8	-	-	-
1980	57.5	-	-	-
1981	58.8	-	-	-
LOCAL GOVERNMENT				
1977	211.1	-	-	-
1978	225.5	-	-	-
1979	232.9	-	-	-
1980	240.9	-	-	-
1981	240.0	-	-	-
LOCAL EDUCATION — SIC 82,941				
1977	116.9	-	-	-
1978	123.0	-	-	-
1979	129.1	-	-	-
1980	136.3	-	-	-
1981	135.2	-	-	-
ASHEVILLE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	66.2	-	-	-
1978	69.5	-	-	-
1979	71.6	-	-	-
1980	71.6	-	-	-
1981	71.9	-	-	-
CONSTRUCTION				
1977	3.4	-	-	-
1978	3.5	-	-	-
1979	3.5	-	-	-
1980	3.2	-	-	-
1981	3.1	-	-	-
MANUFACTURING				
1977	21.6	160.39	39.8	4.03
1978	22.4	175.60	40.0	4.39
1979	22.7	191.75	40.2	4.77
1980	22.2	209.22	39.7	5.27
1981	21.8	228.31	39.5	5.78
DURABLE GOODS				
1977	9.1	167.16	39.8	4.20
1978	9.9	183.94	39.9	4.61
1979	10.8	200.60	40.2	4.99
1980	10.7	220.41	39.5	5.58
1981	10.7	247.04	39.4	6.27
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	3.7	166.86	40.5	4.12
1978	3.9	[1] 193.05	[1] 40.9	[1] 4.72
1979	4.5	210.83	40.7	5.18
1980	4.6	[1] 215.76	[1] 39.3	[1] 5.49
1981	4.5	252.68	40.3	6.27
ASHEVILLE (Con.)				
NONDURABLE GOODS				
1977	12.5	154.82	39.8	3.89
1978	12.5	169.62	40.1	4.23
1979	11.9	184.52	40.2	4.59
1980	11.5	199.79	40.2	4.97
1981	11.1	213.05	39.6	5.38
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	1.1	170.95	41.9	4.08
1978	1.1	186.46	41.9	4.45
1979	1.0	188.14	40.2	4.68
1980	1.0	211.25	41.1	5.14
1981	1.0	232.68	42.0	5.54
TEXTILE MILL PRODUCTS — SIC 22				
1977	4.5	163.31	42.2	3.87
1978	4.2	177.64	42.6	4.17
1979	4.1	192.53	42.5	4.53
1980	3.9	205.18	41.2	4.98
1981	3.6	215.20	40.3	5.34
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	2.4	116.97	36.9	3.17
1978	2.5	130.94	37.2	3.52
1979	2.4	150.15	38.5	3.90
1980	2.6	167.31	39.0	4.29
1981	2.6	178.31	38.1	4.68
TRANSPORTATION AND PUBLIC UTILITIES				
1977	3.4	-	-	-
1978	3.6	-	-	-
1979	3.6	-	-	-
1980	3.6	-	-	-
1981	3.6	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	13.7	-	-	-
1978	14.5	-	-	-
1979	14.8	-	-	-
1980	15.0	-	-	-
1981	15.7	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	2.7	-	-	-
1978	2.9	-	-	-
1979	2.9	-	-	-
1980	2.9	-	-	-
1981	2.9	-	-	-
RETAIL TRADE — SIC 52-59				
1977	11.0	-	-	-
1978	11.6	-	-	-
1979	11.9	-	-	-
1980	12.1	-	-	-
1981	12.8	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	2.3	-	-	-
1978	2.2	-	-	-
1979	2.2	-	-	-
1980	2.2	-	-	-
1981	2.3	-	-	-
SERVICES AND MINING				
1977	11.6	-	-	-
1978	12.2	-	-	-
1979	13.1	-	-	-
1980	13.3	-	-	-
1981	13.5	-	-	-
GOVERNMENT				
1977	10.2	-	-	-
1978	11.1	-	-	-
1979	11.7	-	-	-
1980	12.1	-	-	-
1981	11.9	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Production or nonsupervisory workers: Average weekly hours	Production or nonsupervisory workers: Average hourly earnings (dollars)
CHARLOTTE-GASTONIA				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	293.4	-	-	-
1978	312.6	-	-	-
1979	329.7	-	-	-
1980	337.8	-	-	-
1981	340.0	-	-	-
CONSTRUCTION				
1977	14.5	-	-	-
1978	16.2	-	-	-
1979	17.9	-	-	-
1980	18.6	-	-	-
1981	18.3	-	-	-
MANUFACTURING				
1977	84.6	167.28	40.8	4.10
1978	88.0	183.64	40.9	4.49
1979	91.7	197.80	40.7	4.86
1980	94.2	215.74	40.4	5.34
1981	94.8	239.59	40.2	5.96
DURABLE GOODS				
1977	25.1	180.71	40.7	4.44
1978	27.4	196.65	41.4	4.75
1979	30.9	209.41	40.9	5.12
1980	33.2	[1] 231.18	[1] 40.7	[1] 5.68
1981	34.0	263.40	40.9	6.44
FURNITURE AND FIXTURES — SIC 25				
1977	.9	186.35	40.6	4.59
1978	1.0	191.29	40.7	4.70
1979	1.0	199.00	39.8	5.00
1980	1.0	204.75	39.0	5.25
1981	1.0	220.73	39.7	5.56
PRIMARY AND FABRICATED METALS — SIC 33,34				
1977	5.4	190.48	39.6	4.81
1978	5.9	211.34	40.8	5.18
1979	6.5	226.32	41.0	5.52
1980	7.0	254.82	41.3	6.17
1981	6.6	270.68	41.2	6.57
MACHINERY — SIC 35,36				
1977	10.3	187.23	41.7	4.49
1978	11.2	206.78	42.9	4.82
1979	13.9	216.94	41.8	5.19
1980	15.8	[1] 231.24	[1] 41.0	[1] 5.64
1981	16.9	283.30	41.6	6.81
NONDURABLE GOODS				
1977	59.4	162.78	40.9	3.98
1978	60.6	178.27	40.7	4.38
1979	60.8	192.85	40.6	4.75
1980	61.0	208.75	40.3	5.18
1981	60.8	229.03	39.9	5.74
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	7.0	163.56	41.2	3.97
1978	7.2	181.85	41.9	4.34
1979	7.5	187.78	39.7	4.73
1980	7.6	213.44	40.5	5.27
1981	7.6	223.99	40.8	5.49
BAKERY PRODUCTS — SIC 205				
1977	3.5	167.28	40.8	4.10
1978	3.6	[1] 189.60	[1] 42.8	[1] 4.43
1979	3.8	197.54	41.5	4.76
1980	3.5	224.20	42.3	5.30
1981	3.4	229.15	42.2	5.43
TEXTILE MILL PRODUCTS — SIC 22				
1977	31.0	156.56	41.2	3.80
1978	30.5	166.46	40.6	4.10
1979	30.0	181.56	40.8	4.45
1980	29.5	197.56	40.4	4.89
1981	28.4	208.03	39.4	5.28
CHARLOTTE-GASTONIA (Con.)				
WEAVING MILLS, COTTON, SYNTHETICS, AND WOOL — SIC 221-3				
1977	3.6	171.81	41.3	4.16
1978	2.7	178.27	40.7	4.38
1979	2.5	184.21	39.7	4.64
1980	2.1	201.17	39.6	5.08
1981	2.0	222.72	39.7	5.61
KNITTING MILLS — SIC 225				
1977	5.5	152.80	40.0	3.82
1978	5.7	161.17	39.6	4.07
1979	5.5	175.43	39.6	4.43
1980	5.6	191.28	40.1	4.77
1981	5.3	197.89	38.5	5.14
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	2.0	208.40	42.1	4.95
1978	2.0	231.45	43.1	5.37
1979	2.0	246.38	42.7	5.77
1980	1.8	269.66	42.6	6.33
1981	1.8	288.91	42.3	6.83
PRINTING AND PUBLISHING — SIC 27				
1977	4.8	181.25	40.1	4.52
1978	5.0	201.40	40.2	5.01
1979	5.3	218.69	40.8	5.36
1980	5.4	236.70	40.6	5.83
1981	5.5	262.58	40.9	6.42
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	5.6	-	-	-
1978	5.5	-	-	-
1979	5.5	-	-	-
1980	5.7	-	-	-
1981	5.8	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	27.2	-	-	-
1978	29.1	-	-	-
1979	30.8	-	-	-
1980	31.2	-	-	-
1981	31.6	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	70.8	-	-	-
1978	78.1	-	-	-
1979	83.7	-	-	-
1980	83.4	-	-	-
1981	82.5	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	27.1	-	-	-
1978	29.4	-	-	-
1979	31.7	-	-	-
1980	31.8	-	-	-
1981	31.1	-	-	-
RETAIL TRADE — SIC 52-59				
1977	43.7	-	-	-
1978	48.7	-	-	-
1979	52.0	-	-	-
1980	51.6	-	-	-
1981	51.4	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	18.8	-	-	-
1978	20.0	-	-	-
1979	20.6	-	-	-
1980	21.2	-	-	-
1981	21.5	-	-	-
SERVICES AND MINING				
1977	43.5	-	-	-
1978	45.7	-	-	-
1979	49.6	-	-	-
1980	52.4	-	-	-
1981	54.3	-	-	-
CHARLOTTE-GASTONIA (Con.)				
GOVERNMENT				
1977	34.0	-	-	-
1978	35.5	-	-	-
1979	35.4	-	-	-
1980	36.8	-	-	-
1981	37.0	-	-	-
GREENSBORO-WINSTON-SALEM-HIGH PT				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	358.8	-	-	-
1978	375.1	-	-	-
1979	385.6	-	-	-
1980	386.1	-	-	-
1981	391.0	-	-	-
CONSTRUCTION				
1977	15.8	-	-	-
1978	17.3	-	-	-
1979	17.4	-	-	-
1980	16.9	-	-	-
1981	17.0	-	-	-
MANUFACTURING				
1977	142.4	176.22	39.6	4.45
1978	146.8	192.55	39.7	4.85
1979	150.3	210.14	39.5	5.32
1980	148.7	232.66	39.3	5.92
1981	149.7	255.57	38.9	6.57
DURABLE GOODS				
1977	59.5	172.30	39.7	4.34
1978	63.5	189.60	40.0	4.74
1979	66.6	205.13	39.6	5.18
1980	66.2	228.93	39.2	5.84
1981	66.8	251.16	38.7	6.49
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	4.6	144.71	38.9	3.72
1978	5.1	157.98	39.2	4.03
1979	5.4	174.24	39.6	4.40
1980	5.5	178.60	38.0	4.70
1981	5.7	191.90	38.0	5.05
FURNITURE AND FIXTURES — SIC 25				
1977	22.8	149.37	38.3	3.90
1978	24.0	168.48	39.0	4.32
1979	24.8	182.78	38.4	4.76
1980	24.1	185.86	36.3	5.12
1981	24.6	201.85	36.5	5.53
HOUSEHOLD FURNITURE — SIC 251				
1977	19.3	150.90	38.3	3.94
1978	20.4	170.48	39.1	4.36
1979	20.9	184.89	38.6	4.79
1980	20.0	185.19	36.1	5.13
1981	20.5	199.44	36.0	5.54
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	3.8	186.82	41.7	4.48
1978	4.0	209.16	42.0	4.98
1979	4.2	226.18	41.5	5.45
1980	3.9	247.20	41.2	6.00
1981	3.5	268.32	41.6	6.45
PRIMARY AND FABRICATED METALS — SIC 33,34				
1977	6.4	174.68	39.7	4.40
1978	7.1	175.56	39.1	4.49
1979	7.3	193.74	39.7	4.88
1980	6.3	[1] 222.72	[1] 38.4	[1] 5.80
1981	6.3	239.84	37.3	6.43
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	6.3	199.19	39.6	5.03
1978	6.5	229.93	42.5	5.41
1979	7.0	229.77	40.1	5.73
1980	6.9	[1] 265.82	[1] 41.6	[1] 6.39
1981	7.2	298.50	39.8	7.50

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
GREENSBORO-WINSTON-SALEM-HIGH PT (CON.)				
NONDURABLE GOODS				
1977	82.9	178.94	39.5	4.53
1978	83.3	194.34	39.5	4.92
1979	83.7	213.55	39.4	5.42
1980	82.5	235.22	39.4	5.97
1981	82.9	258.57	39.0	6.63
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	6.4	187.60	40.0	4.69
1978	6.3	199.49	40.3	4.95
1979	6.3	214.77	40.6	5.29
1980	6.3	240.95	41.4	5.82
1981	6.1	255.41	40.8	6.26
BAKERY PRODUCTS — SIC 205				
1977	1.4	189.74	41.7	4.55
1978	1.4	207.55	42.1	4.93
1979	1.5	219.23	41.6	5.27
1980	1.6	236.57	41.0	5.77
1981	1.6	258.30	41.0	6.30
TEXTILE MILL PRODUCTS — SIC 22				
1977	36.6	162.41	40.5	4.01
1978	35.6	175.39	40.6	4.32
1979	35.8	190.59	40.9	4.66
1980	34.4	204.51	40.1	5.10
1981	33.6	212.14	38.5	5.51
KNITTING MILLS — SIC 225				
1977	15.7	149.34	39.3	3.80
1978	16.6	161.96	39.6	4.09
1979	17.4	170.23	38.6	4.41
1980	16.7	185.06	38.0	4.87
1981	16.4	199.50	38.0	5.25
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	9.9	119.14	37.0	3.22
1978	10.6	128.87	36.3	3.55
1979	10.1	136.72	34.7	3.94
1980	10.1	153.58	35.8	4.29
1981	10.1	165.70	36.1	4.59
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	3.5	207.72	40.1	5.18
1978	3.4	239.78	41.2	5.82
1979	3.3	267.86	41.4	6.47
1980	3.3	293.15	41.7	7.03
1981	3.3	329.52	42.3	7.79
PRINTING AND PUBLISHING — SIC 27				
1977	4.1	177.95	38.6	4.61
1978	4.6	189.83	38.9	4.88
1979	4.7	202.01	38.7	5.22
1980	5.0	222.91	38.3	5.82
1981	5.2	245.60	38.8	6.33
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	3.2	210.23	42.3	4.97
1978	3.3	227.06	42.6	5.33
1979	3.6	239.62	41.6	5.76
1980	3.6	265.63	41.7	6.37
1981	3.6	296.10	42.0	7.05
TRANSPORTATION AND PUBLIC UTILITIES				
1977	19.7	–	–	–
1978	20.5	–	–	–
1979	21.5	–	–	–
1980	21.3	–	–	–
1981	21.2	–	–	–
WHOLESALE AND RETAIL TRADE				
1977	72.0	–	–	–
1978	75.5	–	–	–
1979	78.3	–	–	–
1980	77.7	–	–	–
1981	77.8	–	–	–

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
GREENSBORO-WINSTON-SALEM-HIGH PT (CON.)				
WHOLESALE TRADE — SIC 50,51				
1977	19.1	–	–	–
1978	20.3	–	–	–
1979	22.2	–	–	–
1980	22.4	–	–	–
1981	22.3	–	–	–
RETAIL TRADE — SIC 52-59				
1977	52.9	–	–	–
1978	55.2	–	–	–
1979	56.1	–	–	–
1980	55.3	–	–	–
1981	55.5	–	–	–
FINANCE, INSURANCE, AND REAL ESTATE				
1977	16.6	–	–	–
1978	17.4	–	–	–
1979	17.8	–	–	–
1980	18.2	–	–	–
1981	18.8	–	–	–
SERVICES AND MINING				
1977	49.9	–	–	–
1978	53.6	–	–	–
1979	55.1	–	–	–
1980	56.9	–	–	–
1981	59.9	–	–	–
GOVERNMENT				
1977	42.4	–	–	–
1978	44.0	–	–	–
1979	45.2	–	–	–
1980	46.4	–	–	–
1981	46.6	–	–	–
FEDERAL GOVERNMENT				
1977	3.4	–	–	–
1978	3.5	–	–	–
1979	3.6	–	–	–
1980	4.3	–	–	–
1981	4.0	–	–	–
STATE AND LOCAL EDUCATION — SIC 82,941				
1977	22.8	–	–	–
1978	23.6	–	–	–
1979	25.0	–	–	–
1980	25.8	–	–	–
1981	25.5	–	–	–
RALEIGH-DURHAM				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	232.0	–	–	–
1978	248.4	–	–	–
1979	264.9	–	–	–
1980	274.0	–	–	–
1981	277.0	–	–	–
CONSTRUCTION				
1977	11.3	–	–	–
1978	13.5	–	–	–
1979	14.9	–	–	–
1980	14.3	–	–	–
1981	13.7	–	–	–
MANUFACTURING				
1977	37.5	182.75	39.3	4.65
1978	40.0	200.40	40.0	5.01
1979	44.2	219.85	39.9	5.51
1980	45.0	244.55	39.7	6.16
1981	45.6	267.13	39.4	6.78
DURABLE GOODS				
1977	19.2	188.79	40.6	4.65
1978	22.0	213.19	42.3	5.04
1979	25.6	232.83	41.8	5.57
1980	26.9	258.32	41.2	6.27
1981	27.5	275.71	39.9	6.91

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
RALEIGH-DURHAM (Con.)				
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	6.0	172.83	40.1	4.31
1978	7.1	205.87	42.8	4.81
1979	8.9	226.68	41.9	5.41
1980	9.5	245.52	39.6	6.20
1981	9.9	270.96	39.1	6.93
NONDURABLE GOODS				
1977	18.3	178.10	38.3	4.65
1978	18.0	190.24	38.2	4.98
1979	18.6	210.31	38.1	5.52
1980	18.1	230.73	38.2	6.04
1981	18.1	257.24	38.8	6.63
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	3.1	140.97	37.0	3.81
1978	3.1	152.81	37.0	4.13
1979	3.3	159.49	35.6	4.48
1980	3.3	173.15	35.7	4.85
1981	3.1	184.80	35.0	5.28
TEXTILE MILL PRODUCTS — SIC 22				
1977	4.0	162.35	39.5	4.11
1978	3.6	174.68	39.7	4.40
1979	3.5	198.10	41.1	4.82
1980	3.6	210.12	40.1	5.24
1981	3.7	225.89	39.7	5.69
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	2.0	113.72	36.1	3.15
1978	2.1	122.36	36.2	3.38
1979	2.1	139.10	36.8	3.78
1980	2.0	150.84	36.7	4.11
1981	2.1	161.63	37.5	4.31
TRANSPORTATION AND PUBLIC UTILITIES				
1977	10.8	–	–	–
1978	12.0	–	–	–
1979	13.0	–	–	–
1980	13.4	–	–	–
1981	13.4	–	–	–
WHOLESALE AND RETAIL TRADE				
1977	46.1	–	–	–
1978	48.4	–	–	–
1979	51.6	–	–	–
1980	53.2	–	–	–
1981	53.3	–	–	–
WHOLESALE TRADE — SIC 50,51				
1977	10.4	–	–	–
1978	11.0	–	–	–
1979	12.0	–	–	–
1980	12.8	–	–	–
1981	12.8	–	–	–
RETAIL TRADE — SIC 52-59				
1977	35.7	–	–	–
1978	37.4	–	–	–
1979	39.6	–	–	–
1980	40.4	–	–	–
1981	40.5	–	–	–
FINANCE, INSURANCE, AND REAL ESTATE				
1977	13.8	–	–	–
1978	14.6	–	–	–
1979	15.0	–	–	–
1980	15.6	–	–	–
1981	15.9	–	–	–
SERVICES AND MINING				
1977	48.0	–	–	–
1978	50.9	–	–	–
1979	55.0	–	–	–
1980	58.6	–	–	–
1981	60.3	–	–	–

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
RALEIGH-DURHAM (Con.)				
GOVERNMENT				
1977	64.6	-	-	-
1978	69.0	-	-	-
1979	71.2	-	-	-
1980	73.9	-	-	-
1981	74.8	-	-	-
FEDERAL GOVERNMENT				
1977	7.1	-	-	-
1978	7.1	-	-	-
1979	7.2	-	-	-
1980	7.5	-	-	-
1981	7.2	-	-	-
STATE AND LOCAL EDUCATION — SIC 82,941				
1977	28.2	-	-	-
1978	30.6	-	-	-
1979	32.1	-	-	-
1980	33.0	-	-	-
1981	34.5	-	-	-

See footnotes at end of tables.

NORTH DAKOTA

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	221.1	-	-	-
1978	234.0	-	-	-
1979	244.2	-	-	-
1980	245.2	-	-	-
1981	248.6	-	-	-
MINING				
1977	3.1	-	-	-
1978	4.3	-	-	-
1979	5.7	-	-	-
1980	7.8	-	-	-
1981	10.9	-	-	-
OIL AND GAS EXTRACTION — SIC 13				
1977	2.0	-	-	-
1978	3.1	-	-	-
1979	4.4	-	-	-
1980	6.4	-	-	-
1981	9.3	-	-	-
CONSTRUCTION				
1977	16.4	-	-	-
1978	18.5	-	-	-
1979	18.7	-	-	-
1980	16.5	-	-	-
1981	14.8	-	-	-
GENERAL BUILDING CONTRACTORS — SIC 15				
1977	5.8	-	-	-
1978	6.0	-	-	-
1979	5.7	-	-	-
1980	4.5	-	-	-
1981	3.8	-	-	-
HEAVY CONSTRUCTION CONTRACTORS — SIC 16				
1977	3.6	-	-	-
1978	4.5	-	-	-
1979	4.7	-	-	-
1980	4.3	-	-	-
1981	4.3	-	-	-
SPECIAL TRADE CONTRACTORS — SIC 17				
1977	7.0	-	-	-
1978	8.1	-	-	-
1979	8.3	-	-	-
1980	7.7	-	-	-
1981	6.7	-	-	-
MANUFACTURING				
1977	15.3	200.33	38.6	5.19
1978	15.7	220.34	39.7	5.55
1979	16.7	233.82	39.1	5.98
1980	15.6	246.00	37.5	6.56
1981	15.3	271.27	38.1	7.12
DURABLE GOODS				
1977	7.9	200.82	39.3	5.11
1978	7.9	229.08	41.5	5.52
1979	8.8	242.00	40.4	5.99
1980	7.8	252.50	37.8	6.68
1981	7.2	282.90	38.7	7.31
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	1.1	-	-	-
1978	1.1	-	-	-
1979	1.2	-	-	-
1980	1.0	-	-	-
1981	.9	-	-	-
STATEWIDE (Con.)				
FABRICATED METAL PRODUCTS — SIC 34				
1977	0.6	-	-	-
1978	.7	-	-	-
1979	.8	-	-	-
1980	.7	-	-	-
1981	.7	-	-	-
MACHINERY, AND TRANSPORTATION EQUIPMENT — SIC 35-37				
1977	5.2	-	-	-
1978	5.1	-	-	-
1979	5.8	-	-	-
1980	5.2	-	-	-
1981	4.7	-	-	-
NONDURABLE GOODS				
1977	7.4	200.11	37.9	5.28
1978	7.8	211.10	37.9	5.57
1979	7.9	224.10	37.6	5.96
1980	7.8	239.20	37.2	6.43
1981	8.1	260.94	37.6	6.94
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	4.3	211.30	38.7	5.46
1978	4.4	219.08	38.2	5.72
1979	4.2	242.26	38.7	6.26
1980	4.1	253.60	38.6	6.57
1981	4.1	268.52	39.2	6.85
DAIRY PRODUCTS — SIC 202				
1977	1.0	-	-	-
1978	1.0	-	-	-
1979	.9	-	-	-
1980	.9	-	-	-
1981	.8	-	-	-
BAKERY PRODUCTS — SIC 205				
1977	.5	-	-	-
1978	.5	-	-	-
1979	.5	-	-	-
1980	.5	-	-	-
1981	.5	-	-	-
PRINTING AND PUBLISHING — SIC 27				
1977	2.0	174.65	35.0	4.99
1978	2.1	189.57	35.5	5.34
1979	2.1	197.05	35.0	5.63
1980	2.1	208.71	33.5	6.23
1981	2.2	222.40	32.9	6.76
TRANSPORTATION AND PUBLIC UTILITIES				
1977	13.8	-	-	-
1978	14.8	-	-	-
1979	16.1	-	-	-
1980	16.8	-	-	-
1981	17.1	-	-	-
TRANSPORTATION — SIC 40-42,44-47				
1977	7.3	-	-	-
1978	7.9	-	-	-
1979	8.7	-	-	-
1980	9.0	-	-	-
1981	9.2	-	-	-
RAILROAD TRANSPORTATION — SIC 40				
1977	3.2	-	-	-
1978	3.3	-	-	-
1979	3.4	-	-	-
1980	3.4	-	-	-
1981	3.4	-	-	-
STATEWIDE (Con.)				
RAILROAD TRANSPORTATION — SIC 40 (Con.)				
TRUCKING AND WAREHOUSING — SIC 42				
1977	3.0	-	-	-
1978	3.4	-	-	-
1979	4.0	-	-	-
1980	4.2	-	-	-
1981	4.4	-	-	-
COMMUNICATION — SIC 48				
1977	3.4	-	-	-
1978	3.6	-	-	-
1979	3.8	-	-	-
1980	3.9	-	-	-
1981	3.9	-	-	-
ELECTRIC, GAS, AND SANITARY SERVICES — SIC 49				
1977	3.1	-	-	-
1978	3.3	-	-	-
1979	3.6	-	-	-
1980	3.9	-	-	-
1981	4.0	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	62.3	-	-	-
1978	64.7	-	-	-
1979	67.6	-	-	-
1980	66.8	-	-	-
1981	66.3	-	-	-
WHOLESALE TRADE - DURABLE GOODS — SIC 50				
1977	9.8	-	-	-
1978	10.3	-	-	-
1979	11.1	-	-	-
1980	10.7	-	-	-
1981	10.8	-	-	-
WHOLESALE TRADE - NONDURABLE GOODS — SIC 51				
1977	8.9	-	-	-
1978	9.8	-	-	-
1979	10.2	-	-	-
1980	10.0	-	-	-
1981	10.3	-	-	-
RETAIL TRADE — SIC 52-59				
1977	43.6	-	-	-
1978	44.7	-	-	-
1979	46.3	-	-	-
1980	46.1	-	-	-
1981	45.2	-	-	-
GENERAL MERCHANDISE STORES — SIC 53				
1977	5.2	-	-	-
1978	5.7	-	-	-
1979	5.9	-	-	-
1980	6.0	-	-	-
1981	5.8	-	-	-
FOOD STORES — SIC 54				
1977	5.6	-	-	-
1978	5.9	-	-	-
1979	6.2	-	-	-
1980	6.2	-	-	-
1981	6.0	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
AUTOMOTIVE DEALERS AND SERVICE STATIONS — SIC 55				
1977	7.8	-	-	-
1978	7.1	-	-	-
1979	7.2	-	-	-
1980	6.6	-	-	-
1981	6.2	-	-	-
APPAREL AND ACCESSORY STORES — SIC 56				
1977	2.6	-	-	-
1978	2.8	-	-	-
1979	2.9	-	-	-
1980	2.9	-	-	-
1981	2.9	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	9.9	-	-	-
1978	10.5	-	-	-
1979	11.0	-	-	-
1980	11.4	-	-	-
1981	11.8	-	-	-
BANKING — SIC 60				
1977	3.7	-	-	-
1978	3.8	-	-	-
1979	4.0	-	-	-
1980	4.2	-	-	-
1981	4.3	-	-	-
FINANCE — SIC 60-62				
1977	5.2	-	-	-
1978	5.6	-	-	-
1979	5.9	-	-	-
1980	6.2	-	-	-
1981	6.5	-	-	-
FINANCE, EXCEPT BANKS — SIC 61,62				
1977	1.5	-	-	-
1978	1.7	-	-	-
1979	1.9	-	-	-
1980	2.0	-	-	-
1981	2.2	-	-	-
INSURANCE CARRIERS, AGENTS AND BROKERS — SIC 63,64				
1977	3.1	-	-	-
1978	3.2	-	-	-
1979	3.3	-	-	-
1980	3.4	-	-	-
1981	3.5	-	-	-
REAL ESTATE, COMBINATION OFFICES, HOLDING AND OTHER INVESTMENT COMPANIES — SIC 65-67				
1977	1.6	-	-	-
1978	1.8	-	-	-
1979	1.8	-	-	-
1980	1.8	-	-	-
1981	1.8	-	-	-
SERVICES				
1977	42.8	-	-	-
1978	45.5	-	-	-
1979	47.8	-	-	-
1980	49.4	-	-	-
1981	51.9	-	-	-
HOTELS AND OTHER LODGING PLACES — SIC 70				
1977	3.8	-	-	-
1978	4.2	-	-	-
1979	4.3	-	-	-
1980	4.4	-	-	-
1981	4.6	-	-	-
NURSING AND PERSONAL CARE FACILITIES — SIC 805				
1977	4.9	-	-	-
1978	5.0	-	-	-
1979	5.2	-	-	-
1980	5.2	-	-	-
1981	5.5	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
HOSPITALS — SIC 806				
1977	10.2	-	-	-
1978	10.7	-	-	-
1979	10.9	-	-	-
1980	11.6	-	-	-
1981	12.4	-	-	-
GOVERNMENT				
1977	57.5	-	-	-
1978	60.0	-	-	-
1979	60.6	-	-	-
1980	60.9	-	-	-
1981	60.5	-	-	-
FEDERAL GOVERNMENT				
1977	9.8	-	-	-
1978	9.8	-	-	-
1979	9.6	-	-	-
1980	9.9	-	-	-
1981	9.5	-	-	-
STATE GOVERNMENT				
1977	15.7	-	-	-
1978	16.2	-	-	-
1979	16.5	-	-	-
1980	16.6	-	-	-
1981	16.9	-	-	-
STATE EDUCATION — SIC 82,941				
1977	9.7	-	-	-
1978	9.9	-	-	-
1979	10.1	-	-	-
1980	10.4	-	-	-
1981	10.6	-	-	-
LOCAL GOVERNMENT				
1977	32.0	-	-	-
1978	34.0	-	-	-
1979	34.5	-	-	-
1980	34.4	-	-	-
1981	34.1	-	-	-
LOCAL EDUCATION — SIC 82,941				
1977	15.7	-	-	-
1978	16.5	-	-	-
1979	16.5	-	-	-
1980	16.4	-	-	-
1981	16.4	-	-	-
FARGO-MOORHEAD				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	58.0	-	-	-
1978	61.0	-	-	-
1979	62.5	-	-	-
1980	62.1	-	-	-
1981	61.5	-	-	-
CONSTRUCTION AND MINING				
1977	4.0	-	-	-
1978	4.5	-	-	-
1979	4.3	-	-	-
1980	3.6	-	-	-
1981	3.0	-	-	-
MANUFACTURING				
1977	5.1	215.34	38.8	5.55
1978	5.2	237.77	39.3	6.05
1979	5.2	251.29	38.9	6.46
1980	4.9	266.35	37.2	7.16
1981	4.6	288.04	38.1	7.56
DURABLE GOODS				
1977	2.8	216.41	40.3	5.37
1978	2.8	246.56	41.3	5.97
1979	2.8	256.37	40.5	6.33
1980	2.4	270.47	37.0	7.31
1981	2.0	306.08	38.5	7.95

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
FARGO-MOORHEAD (Con.)				
NONDURABLE GOODS				
1977	2.3	214.18	36.8	5.82
1978	2.4	226.19	36.6	6.18
1979	2.4	244.49	36.6	6.68
1980	2.5	261.47	37.3	7.01
1981	2.6	273.29	37.8	7.23
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	1.6	-	-	-
1978	1.7	-	-	-
1979	1.6	-	-	-
1980	1.8	-	-	-
1981	1.9	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	3.7	-	-	-
1978	3.9	-	-	-
1979	4.1	-	-	-
1980	4.0	-	-	-
1981	4.0	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	18.2	-	-	-
1978	18.8	-	-	-
1979	19.3	-	-	-
1980	18.9	-	-	-
1981	18.7	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	5.7	-	-	-
1978	6.1	-	-	-
1979	6.5	-	-	-
1980	6.4	-	-	-
1981	6.7	-	-	-
RETAIL TRADE — SIC 52-59				
1977	12.5	-	-	-
1978	12.7	-	-	-
1979	12.8	-	-	-
1980	12.5	-	-	-
1981	12.0	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	3.4	-	-	-
[illegible]	3.6	-	-	-
[illegible]	3.7	-	-	-
1980	3.8	-	-	-
1981	3.9	-	-	-
SERVICES				
1977	12.1	-	-	-
1978	12.9	-	-	-
1979	13.4	-	-	-
1980	13.9	-	-	-
1981	14.3	-	-	-
GOVERNMENT				
1977	11.5	-	-	-
1978	12.1	-	-	-
1979	12.5	-	-	-
1980	13.0	-	-	-
1981	13.0	-	-	-
FEDERAL GOVERNMENT				
1977	2.0	-	-	-
1978	2.1	-	-	-
1979	2.0	-	-	-
1980	2.2	-	-	-
1981	2.1	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	9.5	-	-	-
1978	10.0	-	-	-
1979	10.5	-	-	-
1980	10.8	-	-	-
1981	10.9	-	-	-

See footnotes at end of tables.

OHIO

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	4,230.1	-	-	-
1978	4,394.8	-	-	-
1979	4,484.7	-	-	-
1980	4,367.4	-	-	-
1981	4,323.1	-	-	-
MINING				
1977	29.1	294.92	39.8	7.41
1978	29.0	336.49	41.8	8.05
1979	31.6	360.39	41.0	8.79
1980	30.7	400.44	42.6	9.40
1981	30.3	426.74	43.5	9.81
BITUMINOUS COAL AND LIGNITE MINING — SIC 12				
1977	16.7	315.66	37.4	8.44
1978	15.3	371.22	39.2	9.47
1979	17.1	389.76	38.4	10.15
1980	15.3	448.67	41.2	10.89
1981	12.9	504.84	42.0	12.02
CONSTRUCTION				
1977	162.8	375.82	37.1	10.13
1978	176.6	398.83	37.1	10.75
1979	182.9	426.38	37.6	11.34
1980	167.4	465.11	37.6	12.37
1981	154.2	507.14	37.4	13.56
GENERAL BUILDING CONTRACTORS — SIC 15				
1979	48.2	394.89	36.7	10.76
1980	41.8	429.46	36.8	11.67
1981	37.1	458.83	36.3	12.64
HEAVY CONSTRUCTION CONTRACTORS — SIC 16				
1979	29.1	442.91	38.1	11.10
1980	26.2	470.37	39.1	12.03
1981	24.3	512.46	39.0	13.14
MANUFACTURING				
1977	1,344.1	283.08	42.0	6.74
1978	1,377.2	306.91	42.1	7.29
1979	1,382.3	325.36	41.5	7.84
1980	1,264.5	347.94	40.6	8.57
1981	1,232.5	389.78	40.9	9.53
DURABLE GOODS				
1977	945.2	292.02	42.2	6.92
1978	974.5	316.83	42.3	7.49
1979	980.5	335.30	41.6	8.06
1980	882.6	358.57	40.7	8.81
1981	858.9	401.64	40.9	9.82
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	14.7	178.70	39.8	4.49
1978	15.8	192.80	40.0	4.82
1979	15.7	207.76	39.2	5.30
1980	13.9	228.65	38.3	5.97
1981	13.7	259.65	39.4	6.59
FURNITURE AND FIXTURES — SIC 25				
1977	17.1	211.47	39.9	5.30
1978	17.8	222.05	39.3	5.65
1979	17.7	232.97	38.7	6.02
1980	15.6	255.69	38.8	6.59
1981	14.8	276.83	39.1	7.08

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
HOUSEHOLD FURNITURE — SIC 251				
1977	7.9	187.88	38.5	4.88
1978	8.6	199.64	38.1	5.24
1979	8.3	204.58	37.4	5.47
1980	7.1	224.47	37.6	5.97
1981	7.0	241.54	38.4	6.29
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	67.1	253.95	41.7	6.09
1978	69.3	275.81	41.6	6.63
1979	69.7	293.34	41.2	7.12
1980	64.5	315.43	40.7	7.75
1981	61.2	348.02	40.8	8.53
GLASS AND GLASSWARE, PRESSED OR BLOWN — SIC 322				
1977	17.5	242.17	39.7	6.10
1978	17.4	268.53	39.9	6.73
1979	15.9	287.43	39.7	7.24
1980	15.3	322.39	39.9	8.08
1981	14.9	364.11	40.1	9.08
STRUCTURAL CLAY PRODUCTS — SIC 325				
1977	6.9	197.14	40.9	4.82
1978	7.2	215.89	41.2	5.24
1979	7.6	241.78	41.4	5.84
1980	6.8	250.11	39.7	6.30
1981	5.9	271.49	40.4	6.72
POTTERY AND RELATED PRODUCTS — SIC 326				
1977	7.6	186.62	38.4	4.86
1978	7.7	201.40	38.0	5.30
1979	7.3	221.54	38.0	5.83
1980	7.0	248.41	38.1	6.52
1981	6.8	271.32	38.0	7.14
PRIMARY METAL INDUSTRIES — SIC 33				
1977	157.7	329.54	41.4	7.96
1978	157.5	366.24	42.0	8.72
1979	158.9	395.43	41.8	9.46
1980	139.8	422.01	40.5	10.42
1981	137.9	484.04	41.3	11.72
BLAST FURNACE AND BASIC STEEL PRODUCTS — SIC 331				
1977	86.6	344.32	40.7	8.46
1978	83.7	391.15	41.7	9.38
1979	84.0	428.64	41.9	10.23
1980	73.1	450.40	40.0	11.26
1981	72.4	529.92	41.4	12.80
IRON AND STEEL FOUNDRIES — SIC 332				
1977	32.8	321.30	42.5	7.56
1978	34.3	350.45	43.0	8.15
1979	33.9	365.01	42.1	8.67
1980	28.7	378.42	40.3	9.39
1981	28.3	429.62	40.8	10.53
NONFERROUS ROLLING AND DRAWING — SIC 335				
1977	20.6	315.57	40.2	7.85
1978	20.5	344.57	40.3	8.55
1979	20.7	379.89	40.2	9.45
1980	19.4	437.93	40.7	10.76
1981	19.8	471.91	40.3	11.71
NONFERROUS FOUNDRIES — SIC 336				
1977	11.1	255.73	42.2	6.06
1978	11.9	273.23	42.1	6.49
1979	12.5	290.78	41.6	6.99
1980	10.7	307.34	40.6	7.57
1981	9.9	337.02	41.1	8.20

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
FABRICATED METAL PRODUCTS — SIC 34				
1977	166.5	290.44	42.4	6.85
1978	173.3	307.23	41.8	7.35
1979	175.5	323.38	41.3	7.83
1980	157.6	349.34	40.2	8.69
1981	154.6	389.61	40.5	9.62
CUTLERY, HAND TOOLS, AND HARDWARE — SIC 342				
1977	15.9	281.25	41.3	6.81
1978	16.4	306.75	40.9	7.50
1979	16.1	315.62	39.7	7.95
1980	13.5	343.80	38.2	9.00
1981	13.0	394.57	39.3	10.04
PLUMBING AND HEATING, EXCEPT ELECTRIC — SIC 343				
1977	6.2	214.79	38.7	5.55
1978	6.9	237.37	39.3	6.04
1979	6.9	250.11	39.7	6.30
1980	5.5	[1] 272.50	[1] 37.9	[1] 7.19
1981	5.1	321.34	38.3	8.39
FABRICATED STRUCTURAL METAL PRODUCTS — SIC 344				
1977	37.5	244.77	41.0	5.97
1978	39.3	262.60	40.4	6.50
1979	39.1	287.12	40.9	7.02
1980	37.7	316.80	40.0	7.92
1981	36.0	344.12	39.6	8.69
SCREW MACHINE PRODUCTS, BOLTS, ETC. — SIC 345				
1977	12.2	256.94	42.4	6.06
1978	12.4	280.06	41.8	6.70
1979	12.8	300.46	41.5	7.24
1980	11.0	307.33	39.2	7.84
1981	10.6	350.32	39.9	8.78
METAL FORGINGS AND STAMPINGS — SIC 346				
1977	50.6	356.53	43.8	8.14
1978	52.3	374.93	42.8	8.76
1979	52.3	386.05	41.6	9.28
1980	44.1	421.87	40.8	10.34
1981	44.5	474.43	41.8	11.35
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	210.7	279.18	42.3	6.60
1978	216.7	306.16	42.7	7.17
1979	223.6	329.09	42.3	7.78
1980	211.4	352.77	41.6	8.48
1981	203.5	389.16	41.4	9.40
CONSTRUCTION AND RELATED MACHINERY — SIC 353				
1977	29.6	285.49	41.8	6.83
1978	29.9	319.70	42.4	7.54
1979	29.4	336.80	42.1	8.00
1980	26.8	354.19	40.9	8.66
1981	25.6	389.37	40.9	9.52
METALWORKING MACHINERY — SIC 354				
1977	54.5	286.14	42.9	6.67
1978	55.4	317.84	43.9	7.24
1979	58.0	346.98	43.7	7.94
1980	57.7	368.05	42.5	8.66
1981	55.1	387.50	41.4	9.36
SPECIAL INDUSTRY MACHINERY — SIC 355				
1977	23.6	262.88	42.4	6.20
1978	23.6	283.05	42.5	6.66
1979	24.2	304.68	42.2	7.22
1980	23.2	328.74	42.2	7.79
1981	21.4	367.64	42.6	8.63

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
GENERAL INDUSTRIAL MACHINERY — SIC 356				
1977	39.4	265.12	40.6	6.53
1978	41.2	295.30	41.3	7.15
1979	42.7	325.82	41.4	7.87
1980	40.3	342.45	40.1	8.54
1981	39.1	379.20	40.0	9.48
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	120.9	248.44	41.2	6.03
1978	122.2	268.45	41.3	6.50
1979	117.6	289.27	40.8	7.09
1980	106.4	316.31	40.5	7.81
1981	102.0	350.27	40.4	8.67
ELECTRICAL INDUSTRIAL APPARATUS — SIC 362				
1977	26.0	243.54	41.0	5.94
1978	27.0	267.71	41.7	6.42
1979	27.1	287.70	41.1	7.00
1980	24.9	312.94	40.8	7.67
1981	23.8	358.62	41.7	8.60
HOUSEHOLD APPLIANCES — SIC 363				
1977	27.5	242.98	40.7	5.97
1978	27.1	254.96	39.9	6.39
1979	22.3	279.66	39.5	7.08
1980	18.2	319.60	40.1	7.97
1981	17.7	345.64	39.1	8.84
ELECTRIC LIGHTING AND WIRING EQUIPMENT — SIC 364				
1977	22.1	248.12	41.7	5.95
1978	22.7	268.51	41.5	6.47
1979	22.9	271.20	40.0	6.78
1980	20.7	296.96	39.7	7.48
1981	19.8	324.82	40.2	8.08
COMMUNICATION EQUIPMENT — SIC 366				
1977	14.5	301.74	42.8	7.05
1978	13.6	313.83	41.9	7.49
1979	13.2	348.60	42.0	8.30
1980	12.7	[1] 342.61	[1] 39.7	[1] 8.63
1981	11.8	386.63	39.9	9.69
TRANSPORTATION EQUIPMENT — SIC 37				
1977	151.8	359.20	44.9	8.00
1978	164.1	389.66	45.1	8.64
1979	165.8	391.56	42.7	9.17
1980	139.1	414.83	41.4	10.02
1981	136.5	471.50	41.8	11.28
MOTOR VEHICLES AND EQUIPMENT — SIC 371				
1977	114.4	378.31	45.8	8.26
1978	123.2	407.62	45.8	8.90
1979	120.1	407.21	43.0	9.47
1980	90.5	430.15	41.4	10.39
1981	90.4	497.12	42.2	11.78
AIRCRAFT AND PARTS — SIC 372				
1977	27.7	283.10	40.5	6.99
1978	30.4	324.36	42.4	7.65
1979	34.8	349.43	42.1	8.30
1980	38.0	391.35	41.9	9.34
1981	36.8	411.07	40.7	10.10
INSTRUMENTS AND RELATED PRODUCTS — SIC 38				
1977	22.1	189.12	39.4	4.80
1978	21.5	201.11	38.9	5.17
1979	20.7	221.31	39.1	5.66
1980	20.4	245.17	39.8	6.16
1981	21.5	264.37	39.4	6.71
MEASURING AND CONTROLLING DEVICES — SIC 382				
1977	14.6	–	–	–
1978	13.8	203.04	38.6	5.26
1979	13.2	225.03	39.0	5.77
1980	12.8	249.60	40.0	6.24
1981	13.2	268.37	39.7	6.76

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
NONDURABLE GOODS				
1977	398.9	258.34	41.4	6.24
1978	402.7	279.30	41.5	6.73
1979	401.8	297.98	41.1	7.25
1980	382.0	319.93	40.2	7.96
1981	373.6	358.16	40.7	8.80
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	74.4	258.54	41.7	6.20
1978	74.6	281.15	41.9	6.71
1979	74.4	304.50	42.0	7.25
1980	72.9	[1] 329.85	[1] 41.7	[1] 7.91
1981	70.5	362.75	41.6	8.72
MEAT PRODUCTS — SIC 201				
1977	11.9	291.81	42.6	6.85
1978	12.1	315.55	42.7	7.39
1979	12.4	343.14	43.0	7.98
1980	12.4	379.64	42.8	8.87
1981	11.7	408.94	41.9	9.76
DAIRY PRODUCTS — SIC 202				
1977	12.6	257.24	43.6	5.90
1978	12.4	274.12	43.1	6.36
1979	12.2	294.37	43.1	6.93
1980	11.9	324.32	43.3	7.49
1981	11.7	345.82	42.8	8.08
BAKERY PRODUCTS — SIC 205				
1977	13.6	245.81	40.1	6.13
1978	13.4	266.67	40.1	6.65
1979	13.1	289.60	40.0	7.24
1980	12.7	321.20	40.2	7.99
1981	11.7	355.88	41.0	8.68
BEVERAGES — SIC 208				
1977	10.6	250.80	41.8	6.00
1978	10.8	272.41	42.3	6.44
1979	11.2	280.80	41.6	6.75
1980	10.9	297.98	41.1	7.25
1981	10.8	323.59	39.9	8.11
TEXTILE MILL PRODUCTS — SIC 22				
1977	5.6	199.33	41.7	4.78
1978	5.7	222.08	40.6	5.47
1979	5.9	230.28	40.4	5.70
1980	5.2	237.41	39.7	5.98
1981	4.8	260.55	39.9	6.53
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	18.8	143.20	35.8	4.00
1978	19.2	156.88	37.0	4.24
1979	18.6	173.45	37.3	4.65
1980	17.1	186.00	36.4	5.11
1981	17.1	205.72	37.0	5.56
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	39.3	267.31	44.7	5.98
1978	39.3	291.65	44.8	6.51
1979	39.5	308.09	43.7	7.05
1980	38.6	331.19	42.9	7.72
1981	38.0	368.05	43.3	8.50
PAPER MILLS, EXCEPT BUILDING PAPER — SIC 262				
1977	9.4	329.69	48.2	6.84
1978	9.6	351.50	47.5	7.40
1979	9.9	389.43	47.9	8.13
1980	9.7	422.86	47.3	8.94
1981	9.8	467.03	47.9	9.75
MISC. CONVERTED PAPER PRODUCTS — SIC 264				
1977	11.9	235.99	43.3	5.45
1978	11.6	256.01	43.1	5.94
1979	11.8	272.41	42.3	6.44
1980	12.0	292.16	41.5	7.04
1981	11.8	320.49	41.3	7.76

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
PAPERBOARD CONTAINERS AND BOXES — SIC 265				
1977	14.2	242.54	42.7	5.68
1978	14.3	274.38	43.9	6.25
1979	14.2	278.14	41.7	6.67
1980	13.3	296.93	40.9	7.26
1981	12.9	327.92	41.3	7.94
PRINTING AND PUBLISHING — SIC 27				
1977	65.4	271.96	39.3	6.92
1978	66.6	285.18	38.8	7.35
1979	67.6	302.62	38.6	7.84
1980	67.4	320.92	37.8	8.49
1981	66.3	347.70	38.0	9.15
NEWSPAPERS — SIC 271				
1977	20.5	267.46	35.1	7.62
1978	20.5	287.23	34.9	8.23
1979	20.3	306.77	35.1	8.74
1980	20.0	311.54	33.9	9.19
1981	19.5	319.64	33.4	9.57
COMMERCIAL PRINTING — SIC 275				
1977	24.3	290.63	41.4	7.02
1978	25.0	297.27	40.5	7.34
1979	26.0	310.07	39.6	7.83
1980	25.9	334.77	39.2	8.54
1981	25.4	366.13	39.2	9.34
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	66.9	267.32	41.9	6.38
1978	68.7	294.13	42.2	6.97
1979	68.4	314.84	41.7	7.55
1980	68.3	336.94	40.4	8.34
1981	68.0	386.46	41.2	9.38
INDUSTRIAL INORGANIC CHEMICALS — SIC 281				
1977	12.9	284.39	41.7	6.82
1978	12.8	313.32	42.0	7.46
1979	12.0	351.78	42.9	8.20
1980	12.9	374.92	41.2	9.10
1981	12.9	424.74	41.6	10.21
PLASTICS MATERIALS AND SYNTHETICS — SIC 282				
1979	10.6	339.58	42.5	7.99
1980	10.1	365.44	41.2	8.87
1981	9.7	413.27	42.3	9.77
PETROLEUM AND COAL PRODUCTS — SIC 29				
1977	14.9	361.09	43.4	8.32
1978	15.1	396.39	43.8	9.05
1979	14.4	410.13	42.5	9.65
1980	13.7	467.58	42.2	11.08
1981	14.2	525.03	43.0	12.21
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS — SIC 30				
1977	107.4	263.97	41.9	6.30
1978	107.4	282.73	41.7	6.78
1979	106.7	300.66	41.3	7.28
1980	92.7	323.61	40.2	8.05
1981	89.0	368.67	41.1	8.97
TIRES AND INNER TUBES — SIC 301				
1977	33.9	327.56	43.1	7.60
1978	31.4	356.01	43.1	8.26
1979	30.9	388.25	42.9	9.05
1980	27.8	417.13	41.3	10.10
1981	24.6	504.14	43.2	11.67
MISCELLANEOUS PLASTICS PRODUCTS — SIC 307				
1977	50.5	253.37	41.4	6.12
1978	52.2	272.99	41.3	6.61
1979	51.7	288.05	40.8	7.06
1980	44.6	311.20	40.0	7.78
1981	43.9	351.88	40.4	8.71

See footnotes at end of tables.

OHIO

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
LEATHER AND LEATHER PRODUCTS — SIC 31				
1977	5.8	140.99	37.9	3.72
1978	5.9	154.45	39.3	3.93
1979	5.8	162.35	39.5	4.11
1980	5.8	[1] 160.97	[1] 35.3	[1] 4.56
1981	5.4	182.27	36.6	4.98
TRANSPORTATION AND PUBLIC UTILITIES				
1977	219.1	-	-	-
1978	225.0	-	-	-
1979	232.1	-	-	-
1980	223.1	-	-	-
1981	218.4	-	-	-
RAILROAD TRANSPORTATION — SIC 40				
1977	33.3	-	-	-
1978	30.9	-	-	-
1979	31.8	-	-	-
1980	29.1	-	-	-
1981	26.3	-	-	-
TRANSPORTATION, EXCEPT RAILROADS — SIC 41,42,44-47				
1977	98.4	-	-	-
1978	103.8	-	-	-
1979	107.2	-	-	-
1980	98.9	-	-	-
1981	96.2	-	-	-
TRUCKING AND WAREHOUSING — SIC 42				
1979	84.0	-	-	-
1980	75.4	-	-	-
1981	72.5	-	-	-
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	87.4	285.36	41.0	6.96
1978	90.3	314.16	41.5	7.57
1979	93.0	336.19	41.2	8.16
1980	95.0	362.03	41.0	8.83
1981	96.0	397.80	40.8	9.75
COMMUNICATION — SIC 48				
1977	51.2	271.75	40.2	6.76
1978	52.4	305.11	40.9	7.46
1979	53.9	328.44	40.8	8.05
1980	54.6	352.76	40.5	8.71
1981	55.1	389.94	40.2	9.70
ELECTRIC, GAS, AND SANITARY SERVICES — SIC 49				
1977	36.3	303.24	42.0	7.22
1978	37.9	326.13	42.3	7.71
1979	39.1	347.77	41.9	8.30
1980	40.4	374.47	41.7	8.98
1981	40.9	407.12	41.5	9.81
WHOLESALE AND RETAIL TRADE				
1977	917.8	144.48	34.4	4.20
1978	956.3	153.77	33.5	4.59
1979	975.2	162.03	32.8	4.94
1980	957.0	173.34	32.1	5.40
1981	946.0	182.39	31.5	5.79
WHOLESALE TRADE — SIC 50,51				
1977	214.6	217.25	39.5	5.50
1978	226.0	237.20	39.6	5.99
1979	232.8	256.21	39.6	6.47
1980	230.4	275.97	39.2	7.04
1981	230.7	296.40	39.0	7.60
WHOLESALE TRADE - DURABLE GOODS — SIC 50				
1977	139.2	216.37	39.7	5.45
1978	146.6	238.00	40.0	5.95
1979	151.7	255.36	39.9	6.40
1980	149.2	272.25	39.4	6.91
1981	149.1	292.39	39.3	7.44

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
MOTOR VEHICLES AND AUTOMOTIVE EQUIPMENT — SIC 501				
1977	21.2	206.46	39.4	5.24
1978	22.4	230.92	40.3	5.73
1979	23.3	252.55	40.8	6.19
1980	21.7	268.71	39.4	6.82
1981	21.1	276.12	39.0	7.08
ELECTRICAL GOODS — SIC 506				
1977	17.5	178.94	38.9	4.60
1978	17.7	193.05	39.0	4.95
1979	18.1	211.80	38.3	5.53
1980	19.1	229.58	38.2	6.01
1981	19.4	244.88	37.5	6.53
MACHINERY, EQUIPMENT, AND SUPPLIES — SIC 508				
1977	55.5	221.92	39.7	5.59
1978	59.3	248.00	40.0	6.20
1979	61.8	267.07	40.1	6.66
1980	62.2	285.44	39.7	7.19
1981	62.2	304.97	39.3	7.76
WHOLESALE TRADE - NONDURABLE GOODS — SIC 51				
1977	75.5	218.74	39.2	5.58
1978	79.4	236.34	39.0	6.06
1979	81.1	257.67	39.1	6.59
1980	81.2	281.35	38.7	7.27
1981	81.6	301.42	38.3	7.87
GROCERIES AND RELATED PRODUCTS — SIC 514				
1977	21.6	235.15	41.4	5.68
1978	22.6	256.67	41.6	6.17
1979	23.5	289.23	42.1	6.87
1980	23.7	314.23	41.4	7.59
1981	23.9	338.25	41.0	8.25
RETAIL TRADE — SIC 52-59				
1977	703.1	124.08	33.0	3.76
1978	730.4	131.11	31.9	4.11
1979	742.4	135.65	30.9	4.39
1980	726.6	142.50	30.0	4.75
1981	715.3	150.53	29.4	5.12
GENERAL MERCHANDISE STORES — SIC 53				
1977	125.5	110.16	32.4	3.40
1978	131.1	118.29	30.1	3.93
1979	129.1	126.52	29.7	4.26
1980	124.0	138.14	29.9	4.62
1981	119.6	151.20	30.0	5.04
DEPARTMENT STORES — SIC 531				
1977	113.5	111.15	32.5	3.42
1978	119.1	119.20	30.1	3.96
1979	117.5	127.58	29.6	4.31
1980	113.1	139.46	29.8	4.68
1981	109.2	152.70	30.0	5.09
FOOD STORES — SIC 54				
1977	111.5	191.95	34.9	5.50
1978	113.5	205.71	34.4	5.98
1979	117.0	211.54	33.9	6.24
1980	117.5	216.46	33.2	6.52
1981	117.2	231.19	32.7	7.07
AUTOMOTIVE DEALERS AND SERVICE STATIONS — SIC 55				
1977	94.1	167.74	39.1	4.29
1978	93.5	172.52	38.0	4.54
1979	88.8	185.71	37.9	4.90
1980	78.1	191.01	37.6	5.08
1981	73.4	198.53	37.6	5.28
APPAREL AND ACCESSORY STORES — SIC 56				
1977	35.6	93.31	31.0	3.01
1978	36.7	97.61	29.4	3.32
1979	37.0	101.02	28.7	3.52
1980	35.6	102.03	27.5	3.71
1981	35.3	110.43	27.0	4.09

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
FINANCE, INSURANCE, AND REAL ESTATE				
1977	183.4	-	-	-
1978	191.1	-	-	-
1979	200.6	-	-	-
1980	203.8	-	-	-
1981	205.2	-	-	-
BANKING — SIC 60				
1977	52.2	137.82	-	-
1978	54.3	148.30	-	-
1979	57.2	159.03	-	-
1980	58.7	171.86	-	-
1981	59.2	184.89	-	-
CREDIT AGENCIES OTHER THAN BANKS — SIC 61				
1977	26.4	143.41	-	-
1978	28.2	152.06	-	-
1979	30.0	160.96	-	-
1980	30.5	175.85	-	-
1981	30.6	190.39	-	-
INSURANCE CARRIERS — SIC 63				
1977	52.8	-	-	-
1978	55.5	-	-	-
1979	57.9	-	-	-
1980	58.3	-	-	-
1981	58.7	-	-	-
SERVICES				
1977	731.4	-	-	-
1978	772.1	-	-	-
1979	806.2	-	-	-
1980	830.9	-	-	-
1981	856.2	-	-	-
HOTELS AND OTHER LODGING PLACES — SIC 70				
1979	31.3	-	-	-
1980	30.6	-	-	-
1981	31.4	-	-	-
LAUNDRIES, CLEANING, AND GARMENT SERVICES — SIC 721				
1977	18.2	-	-	-
1978	18.3	-	-	-
1979	18.2	-	-	-
1980	17.7	-	-	-
1981	17.5	-	-	-
BUSINESS SERVICES — SIC 73				
1979	119.1	-	-	-
1980	121.8	-	-	-
1981	126.5	-	-	-
HEALTH SERVICES — SIC 80				
1977	241.6	-	-	-
1978	251.3	-	-	-
1979	264.9	-	-	-
1980	281.1	-	-	-
1981	296.6	-	-	-
HOSPITALS — SIC 806				
1979	-	191.95	34.4	5.58
1980	157.9	210.57	33.8	6.23
1981	165.0	237.28	33.8	7.02
GOVERNMENT				
1977	642.3	-	-	-
1978	667.5	-	-	-
1979	674.0	-	-	-
1980	689.9	-	-	-
1981	680.2	-	-	-
FEDERAL GOVERNMENT				
1977	91.1	-	-	-
1978	91.2	-	-	-
1979	90.6	-	-	-
1980	93.3	-	-	-
1981	89.8	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
STATE GOVERNMENT				
1977	124.2	-	-	-
1978	135.5	-	-	-
1979	138.1	-	-	-
1980	141.8	-	-	-
1981	140.8	-	-	-
STATE EDUCATION — SIC 82,941				
1977	58.9	-	-	-
1978	65.0	-	-	-
1979	67.0	-	-	-
1980	69.3	-	-	-
1981	68.8	-	-	-
LOCAL GOVERNMENT				
1977	427.1	-	-	-
1978	440.8	-	-	-
1979	445.3	-	-	-
1980	454.8	-	-	-
1981	449.6	-	-	-
LOCAL EDUCATION — SIC 82,941				
1977	242.3	-	-	-
1978	245.7	-	-	-
1979	252.8	-	-	-
1980	258.5	-	-	-
1981	258.4	-	-	-
AKRON				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	259.3	-	-	-
1978	266.6	-	-	-
1979	270.9	-	-	-
1980	262.4	-	-	-
1981	259.0	-	-	-
CONSTRUCTION				
1977	7.6	378.14	37.0	10.22
1978	8.6	418.62	38.3	10.93
1979	9.2	438.52	38.0	11.54
1980	8.0	489.06	39.0	12.54
1981	7.6	516.43	38.8	13.31
MANUFACTURING				
1977	85.6	285.53	42.3	6.75
1978	85.9	304.14	42.3	7.19
1979	85.6	321.57	41.6	7.73
1980	79.2	361.88	41.5	8.72
1981	75.9	397.10	41.8	9.50
DURABLE GOODS				
1977	39.5	279.42	42.4	6.59
1978	41.9	294.98	41.9	7.04
1979	41.8	306.82	40.8	7.52
1980	38.4	353.12	41.3	8.55
1981	37.7	383.14	41.6	9.21
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	2.1	267.74	41.9	6.39
1978	2.2	267.85	40.4	6.63
1979	2.3	287.60	41.5	6.93
1980	2.1	331.27	42.2	7.85
1981	1.9	356.01	41.3	8.62
FABRICATED METAL PRODUCTS — SIC 34				
1977	16.4	292.03	41.6	7.02
1978	17.1	306.59	40.5	7.57
1979	16.3	311.22	39.0	7.98
1980	14.7	363.37	39.8	9.13
1981	14.3	382.24	39.9	9.58
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	11.6	295.89	44.9	6.59
1978	12.9	313.15	44.8	6.99
1979	13.0	321.21	43.0	7.47
1980	11.3	345.53	42.5	8.13
1981	10.8	392.84	43.6	9.01
AKRON (Con.)				
SPECIAL INDUSTRY MACHINERY — SIC 355				
1977	2.6	251.34	42.1	5.97
1978	2.6	271.78	42.8	6.35
1979	2.6	280.59	39.8	7.05
1980	2.4	299.88	39.2	7.65
1981	2.1	354.89	42.4	8.37
NONDURABLE GOODS				
1977	46.1	293.14	42.3	6.93
1978	44.0	315.13	42.7	7.38
1979	43.9	337.93	42.4	7.97
1980	40.8	372.38	41.7	8.93
1981	38.2	413.42	42.1	9.82
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	2.9	279.37	46.1	6.06
1978	3.1	305.64	46.1	6.63
1979	3.2	323.90	45.3	7.15
1980	3.2	365.82	45.5	8.04
1981	3.0	389.25	45.0	8.65
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	3.6	314.59	45.2	6.96
1978	3.8	339.90	45.2	7.52
1979	4.0	337.46	43.6	7.74
1980	3.7	371.50	42.8	8.68
1981	3.7	413.86	43.2	9.58
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS — SIC 30				
1977	34.8	295.82	42.2	7.01
1978	32.3	318.75	42.9	7.43
1979	31.6	346.34	42.6	8.13
1980	28.7	381.71	41.4	9.22
1981	26.4	434.60	42.4	10.25
TIRES AND INNER TUBES — SIC 301				
1977	28.1	326.48	42.4	7.70
1978	25.5	361.67	42.7	8.47
1979	24.7	406.79	43.6	9.33
1980	22.5	441.63	41.9	10.54
1981	20.4	524.94	43.6	12.04
TRANSPORTATION AND PUBLIC UTILITIES				
1977	14.3	-	-	-
1978	14.6	-	-	-
1979	15.2	-	-	-
1980	14.2	-	-	-
1981	13.9	-	-	-
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	5.0	283.27	40.7	6.96
1978	5.1	316.84	41.8	7.58
1979	5.3	337.82	41.4	8.16
1980	5.4	363.38	41.2	8.82
1981	5.5	397.64	40.7	9.77
WHOLESALE AND RETAIL TRADE				
1977	56.4	148.43	34.2	4.34
1978	58.1	156.78	33.5	4.68
1979	58.1	162.36	32.8	4.95
1980	57.3	175.07	32.3	5.42
1981	57.4	190.08	32.0	5.94
WHOLESALE TRADE — SIC 50,51				
1977	10.8	205.98	38.5	5.35
1978	11.5	221.76	38.3	5.79
1979	11.9	232.32	38.4	6.05
1980	12.0	253.37	38.1	6.65
1981	12.1	277.29	38.3	7.24
RETAIL TRADE — SIC 52-59				
1977	45.6	135.46	33.2	4.08
1978	46.6	143.33	32.5	4.41
1979	46.2	147.26	31.6	4.66
1980	45.3	155.74	30.9	5.04
1981	45.3	168.97	30.5	5.54
AKRON (Con.)				
FINANCE, INSURANCE, AND REAL ESTATE				
1977	8.9	-	-	-
1978	9.2	-	-	-
1979	9.4	-	-	-
1980	9.3	-	-	-
1981	9.2	-	-	-
SERVICES				
1977	45.1	-	-	-
1978	47.4	-	-	-
1979	49.7	-	-	-
1980	50.4	-	-	-
1981	51.9	-	-	-
GOVERNMENT				
1977	41.2	-	-	-
1978	42.4	-	-	-
1979	43.2	-	-	-
1980	43.6	-	-	-
1981	42.5	-	-	-
STATE GOVERNMENT				
1977	12.0	-	-	-
1978	12.2	-	-	-
1979	12.4	-	-	-
1980	12.8	-	-	-
1981	12.9	-	-	-
LOCAL GOVERNMENT				
1977	27.0	-	-	-
1978	28.0	-	-	-
1979	28.7	-	-	-
1980	28.4	-	-	-
1981	27.6	-	-	-
CANTON				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	149.8	-	-	-
1978	156.1	-	-	-
1979	160.7	-	-	-
1980	157.1	-	-	-
1981	157.3	-	-	-
CONSTRUCTION				
1977	5.7	377.51	38.6	9.78
1978	6.5	391.23	37.8	10.35
1979	6.4	410.03	38.5	10.65
1980	5.4	443.19	37.4	11.85
1981	5.1	488.24	37.1	13.16
MANUFACTURING				
1977	56.0	273.14	39.7	6.88
1978	57.1	304.67	40.3	7.56
1979	59.1	330.88	40.9	8.09
1980	55.7	342.81	39.0	8.79
1981	55.3	390.40	40.0	9.76
DURABLE GOODS				
1977	43.8	279.40	39.8	7.02
1978	44.6	314.31	40.4	7.78
1979	46.4	339.06	40.9	8.29
1980	43.6	348.04	38.8	8.97
1981	43.3	396.81	39.8	9.97
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	2.1	190.79	39.5	4.83
1978	2.0	207.60	40.0	5.19
1979	2.3	213.91	40.9	5.23
1980	2.2	222.44	39.1	5.66
1981	2.1	261.45	41.5	6.30
PRIMARY METAL INDUSTRIES — SIC 33				
1977	14.2	318.40	40.0	7.96
1978	14.9	[1] 364.62	[1] 41.2	[1] 8.85
1979	15.6	398.11	41.6	9.57
1980	14.3	393.88	37.8	10.42
1981	14.3	466.89	39.4	11.85

See footnotes at end of tables.

OHIO

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
CANTON (Con.)				
FABRICATED METAL PRODUCTS — SIC 34				
1977	10.0	315.75	42.1	7.50
1978	10.4	336.84	42.0	8.02
1979	10.2	346.86	41.0	8.46
1980	10.0	366.56	39.5	9.28
1981	10.0	401.79	39.9	10.07
FABRICATED STRUCTURAL METAL PRODUCTS — SIC 344				
1977	2.9	246.25	39.4	6.25
1978	3.0	268.03	39.3	6.82
1979	3.0	303.60	40.0	7.59
1980	3.5	314.16	37.4	8.40
1981	3.4	373.82	40.5	9.23
METAL FORGINGS AND STAMPINGS — SIC 346				
1979	3.7	412.06	42.7	9.65
1980	3.0	434.19	41.0	10.59
1981	3.0	476.19	40.7	11.70
NONDURABLE GOODS				
1977	12.2	249.80	39.4	6.34
1978	12.5	268.00	40.0	6.70
1979	12.7	298.89	41.0	7.29
1980	12.1	322.38	39.8	8.10
1981	12.1	357.94	40.4	8.86
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	4.2	275.40	40.8	6.75
1978	4.4	308.84	41.4	7.46
1979	4.4	339.36	42.0	8.08
1980	4.4	[1] 373.68	[1] 41.2	[1] 9.07
1981	4.3	407.84	40.3	10.12
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS — SIC 30				
1977	3.3	255.44	41.2	6.20
1978	3.5	261.66	41.6	6.29
1979	3.5	288.72	42.9	6.73
1980	3.0	313.47	41.3	7.59
1981	3.1	371.25	45.0	8.25
TRANSPORTATION AND PUBLIC UTILITIES				
1977	7.2	-	-	-
1978	7.3	-	-	-
1979	7.6	-	-	-
1980	7.2	-	-	-
1981	7.0	-	-	-
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	2.9	283.56	40.8	6.95
1978	3.1	319.90	41.6	7.69
1979	3.0	341.12	41.0	8.32
1980	3.0	374.88	41.7	8.99
1981	3.0	407.22	41.3	9.86
WHOLESALE AND RETAIL TRADE				
1977	31.8	133.77	34.2	3.90
1978	33.6	146.02	33.8	4.32
1979	34.3	154.05	32.5	4.74
1980	33.3	161.16	31.6	5.10
1981	33.2	170.43	31.1	5.48
WHOLESALE TRADE — SIC 50,51				
1977	6.4	215.46	40.5	5.32
1978	6.9	244.77	41.0	5.97
1979	7.2	260.34	40.3	6.46
1980	7.2	267.24	38.9	6.87
1981	7.3	278.97	38.8	7.19
RETAIL TRADE — SIC 52-59				
1977	25.4	115.15	32.9	3.50
1978	26.7	124.29	32.2	3.86
1979	27.1	128.52	30.6	4.20
1980	26.1	133.95	29.7	4.51
1981	25.9	143.08	29.2	4.90

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
CANTON (Con.)				
FINANCE, INSURANCE, AND REAL ESTATE				
1977	5.4	-	-	-
1978	5.6	-	-	-
1979	5.9	-	-	-
1980	6.2	-	-	-
1981	6.3	-	-	-
SERVICES				
1977	25.5	-	-	-
1978	27.1	-	-	-
1979	28.1	-	-	-
1980	29.0	-	-	-
1981	30.0	-	-	-
GOVERNMENT				
1977	17.2	-	-	-
1978	17.7	-	-	-
1979	18.3	-	-	-
1980	19.2	-	-	-
1981	18.9	-	-	-
LOCAL GOVERNMENT				
1977	14.1	-	-	-
1978	14.5	-	-	-
1979	15.1	-	-	-
1980	15.8	-	-	-
1981	15.7	-	-	-
CINCINNATI				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	562.1	-	-	-
1978	591.2	-	-	-
1979	607.4	-	-	-
1980	600.6	-	-	-
1981	593.9	-	-	-
CONSTRUCTION				
1977	24.1	358.56	36.7	9.77
1978	25.9	397.04	36.9	10.76
1979	27.4	418.51	37.4	11.19
1980	25.3	472.15	38.2	12.36
1981	22.4	516.28	38.3	13.48
MANUFACTURING				
1977	161.1	260.83	41.6	6.27
1978	169.2	286.70	42.1	6.81
1979	173.1	303.37	41.5	7.31
1980	162.5	332.07	41.2	8.06
1981	158.4	360.86	41.1	8.78
DURABLE GOODS				
1977	89.2	264.80	42.3	6.26
1978	95.1	292.83	43.0	6.81
1979	98.7	302.10	41.9	7.21
1980	90.5	326.14	41.6	7.84
1981	88.2	351.78	41.0	8.58
FURNITURE AND FIXTURES — SIC 25				
1977	3.3	197.88	38.2	5.18
1978	3.5	223.29	38.9	5.74
1979	3.4	220.60	37.2	5.93
1980	3.0	234.38	37.5	6.25
1981	2.5	248.71	37.4	6.65
PRIMARY METAL INDUSTRIES — SIC 33				
1977	2.9	311.32	43.0	7.24
1978	3.3	347.39	43.1	8.06
1979	3.7	362.09	42.3	8.56
1980	3.0	352.23	41.1	8.57
1981	2.4	364.33	38.8	9.39
FABRICATED METAL PRODUCTS — SIC 34				
1977	15.6	238.79	41.1	5.81
1978	16.5	256.47	41.3	6.21
1979	16.7	276.97	41.4	6.69
1980	15.1	316.06	41.1	7.69
1981	14.5	343.17	41.0	8.37

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
CINCINNATI (Con.)				
FABRICATED STRUCTURAL METAL PRODUCTS — SIC 344				
1977	5.2	213.44	39.6	5.39
1978	5.3	248.47	41.9	5.93
1979	5.4	250.28	41.3	6.06
1980	5.2	[1] 283.73	[1] 41.3	[1] 6.87
1981	4.7	311.32	41.9	7.43
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	23.5	246.08	42.5	5.79
1978	25.3	275.44	44.0	6.26
1979	26.7	283.41	42.3	6.70
1980	26.2	313.22	42.1	7.44
1981	25.5	334.15	40.9	8.17
METALWORKING MACHINERY — SIC 354				
1977	11.1	270.12	44.5	6.07
1978	11.9	306.82	46.7	6.57
1979	12.9	316.21	44.6	7.09
1980	13.5	[1] 354.71	[1] 43.9	[1] 8.08
1981	13.4	368.16	41.6	8.85
GENERAL INDUSTRIAL MACHINERY — SIC 356				
1977	4.4	238.04	40.9	5.82
1978	4.7	265.17	43.4	6.11
1979	4.8	279.23	42.5	6.57
1980	4.1	291.87	41.4	7.05
1981	3.8	315.21	39.9	7.90
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	9.2	222.09	40.9	5.43
1978	9.4	227.21	40.5	5.61
1979	9.4	236.41	39.6	5.97
1980	8.6	[1] 235.62	[1] 38.5	[1] 6.12
1981	8.7	267.70	39.6	6.76
TRANSPORTATION EQUIPMENT — SIC 37				
1977	23.6	362.88	44.8	8.10
1978	25.8	404.80	46.0	8.80
1979	27.4	400.20	43.5	9.20
1980	24.4	430.70	43.2	9.97
1981	24.2	471.06	42.4	11.11
MOTOR VEHICLES AND EQUIPMENT — SIC 371				
1977	12.2	404.50	47.2	8.57
1978	13.3	444.99	47.9	9.29
1979	12.7	428.30	44.2	9.69
1980	8.3	477.36	44.2	10.80
1981	8.2	550.47	44.5	12.37
NONDURABLE GOODS				
1977	71.9	256.22	40.8	6.28
1978	74.1	279.89	41.1	6.81
1979	74.5	305.04	41.0	7.44
1980	72.0	339.05	40.8	8.31
1981	70.2	370.31	41.1	9.01
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	18.0	309.28	42.6	7.26
1978	18.0	327.12	42.1	7.77
1979	17.9	357.85	42.1	8.50
1980	17.1	389.16	41.8	9.31
1981	16.9	416.25	41.5	10.03
MEAT PRODUCTS — SIC 201				
1977	2.2	335.85	44.9	7.48
1978	2.3	365.04	44.9	8.13
1979	2.3	398.27	44.4	8.97
1980	2.5	444.77	44.7	9.95
1981	2.5	463.31	43.3	10.70
BAKERY PRODUCTS — SIC 205				
1977	3.4	264.38	41.7	6.34
1978	3.2	278.25	41.1	6.77
1979	3.1	300.29	40.8	7.36
1980	2.9	339.88	40.9	8.31
1981	2.6	380.52	42.9	8.87

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
CINCINNATI (Con.)				
BEVERAGES — SIC 208				
1977	5.1	291.13	42.5	6.85
1978	5.2	299.88	40.8	7.35
1979	5.2	321.03	41.0	7.83
1980	5.0	348.47	40.9	8.52
1981	5.0	355.15	39.2	9.06
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	3.9	143.50	36.7	3.91
1978	4.2	159.16	37.1	4.29
1979	4.1	174.50	38.1	4.58
1980	3.8	184.37	36.8	5.01
1981	3.8	213.12	38.4	5.55
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	6.2	227.70	41.4	5.50
1978	6.5	271.92	43.3	6.28
1979	6.7	286.94	42.7	6.72
1980	6.6	300.15	41.4	7.25
1981	6.4	318.84	41.3	7.72
PRINTING AND PUBLISHING — SIC 27				
1977	12.7	239.55	38.7	6.19
1978	13.0	260.55	38.6	6.75
1979	13.0	284.61	38.1	7.47
1980	12.6	318.82	38.0	8.39
1981	12.0	356.66	38.6	9.24
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	20.9	268.69	41.4	6.49
1978	21.9	292.99	41.5	7.06
1979	22.5	328.97	41.8	7.87
1980	22.3	[1] 377.39	[1] 41.7	[1] 9.05
1981	22.2	417.64	42.4	9.85
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS — SIC 30				
1977	5.0	248.24	42.8	5.80
1978	5.3	275.31	43.7	6.30
1979	5.1	273.92	42.6	6.43
1980	4.7	298.07	42.1	7.08
1981	4.4	326.16	43.2	7.55
TRANSPORTATION AND PUBLIC UTILITIES				
1977	31.5	-	-	-
1978	32.8	-	-	-
1979	34.2	-	-	-
1980	33.7	-	-	-
1981	33.2	-	-	-
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	12.0	272.03	40.3	6.75
1978	12.6	297.75	40.9	7.28
1979	13.2	318.16	41.0	7.76
1980	14.1	334.84	40.1	8.35
1981	14.3	370.75	39.4	9.41
WHOLESALE AND RETAIL TRADE				
1977	130.1	147.91	35.9	4.12
1978	137.1	159.46	35.2	4.53
1979	140.0	166.94	34.0	4.91
1980	140.6	176.79	32.8	5.39
1981	139.6	187.60	32.4	5.79
WHOLESALE TRADE — SIC 50,51				
1977	34.5	220.55	40.1	5.50
1978	36.8	239.39	39.7	6.03
1979	37.8	259.35	39.9	6.50
1980	38.5	279.97	39.6	7.07
1981	38.0	295.21	39.1	7.55
RETAIL TRADE — SIC 52-59				
1977	95.7	123.86	34.5	3.59
1978	100.3	133.79	33.7	3.97
1979	102.2	136.75	32.1	4.26
1980	102.1	140.14	30.4	4.61
1981	101.6	151.00	30.2	5.00
CINCINNATI (Con.)				
FINANCE, INSURANCE, AND REAL ESTATE				
1977	29.9	-	-	-
1978	30.7	-	-	-
1979	32.1	-	-	-
1980	32.6	-	-	-
1981	32.5	-	-	-
BANKING — SIC 60				
1977	6.6	140.03	-	-
1978	6.9	149.07	-	-
1979	7.1	159.64	-	-
1980	7.4	172.32	-	-
1981	7.4	188.75	-	-
INSURANCE CARRIERS — SIC 63				
1977	10.6	-	-	-
1978	10.7	-	-	-
1979	11.0	-	-	-
1980	11.1	-	-	-
1981	11.3	-	-	-
SERVICES				
1977	105.7	-	-	-
1978	112.6	-	-	-
1979	117.4	-	-	-
1980	121.7	-	-	-
1981	124.3	-	-	-
OTHER LOCAL GOVERNMENT				
1979	22.7	-	-	-
1980	22.6	-	-	-
1981	22.4	-	-	-
GOVERNMENT				
1977	79.3	-	-	-
1978	82.5	-	-	-
1979	82.8	-	-	-
1980	83.9	-	-	-
1981	83.1	-	-	-
FEDERAL GOVERNMENT				
1977	13.6	-	-	-
1978	13.7	-	-	-
1979	13.3	-	-	-
1980	13.8	-	-	-
1981	13.2	-	-	-
STATE GOVERNMENT				
1977	11.5	-	-	-
1978	17.7	-	-	-
1979	17.6	-	-	-
1980	18.3	-	-	-
1981	18.1	-	-	-
LOCAL GOVERNMENT				
1977	54.1	-	-	-
1978	51.1	-	-	-
1979	51.8	-	-	-
1980	51.8	-	-	-
1981	51.8	-	-	-
LOCAL EDUCATION — SIC 82,941				
1979	29.1	-	-	-
1980	29.1	-	-	-
1981	29.4	-	-	-
CLEVELAND				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	880.9	-	-	-
1978	905.8	-	-	-
1979	919.8	-	-	-
1980	895.6	-	-	-
1981	880.8	-	-	-
CONSTRUCTION				
1977	29.5	413.28	36.9	11.20
1978	32.4	459.11	38.1	12.05
CLEVELAND (Con.)				
CONSTRUCTION (Con.)				
1979	33.5	488.82	38.1	12.83
1980	29.8	520.83	38.1	13.67
1981	27.5	566.25	37.5	15.10
MANUFACTURING				
1977	270.8	292.75	42.8	6.84
1978	275.6	321.75	42.9	7.50
1979	276.3	337.60	42.2	8.00
1980	254.9	350.38	40.6	8.63
1981	247.4	395.38	41.1	9.62
DURABLE GOODS				
1977	199.3	311.14	43.7	7.12
1978	203.7	340.95	43.6	7.82
1979	205.1	356.95	42.8	8.34
1980	186.9	366.95	41.0	8.95
1981	180.2	415.00	41.5	10.00
FURNITURE AND FIXTURES — SIC 25				
1977	2.7	210.38	42.5	4.95
1978	2.8	223.15	41.4	5.39
1979	2.7	200.19	39.1	5.12
1980	2.4	218.00	40.0	5.45
1981	2.3	305.02	42.9	7.11
PRIMARY METAL INDUSTRIES — SIC 33				
1977	32.1	333.63	42.5	7.85
1978	32.2	377.13	43.1	8.75
1979	31.6	402.99	43.1	9.35
1980	28.7	407.03	40.3	10.10
1981	29.3	484.68	42.0	11.54
BLAST FURNACE AND BASIC STEEL PRODUCTS — SIC 331				
1977	16.4	343.54	40.8	8.42
1978	16.5	403.62	42.0	9.61
1979	16.5	445.73	42.9	10.39
1980	15.5	433.94	38.3	11.33
1981	15.5	532.40	41.4	12.86
IRON AND STEEL FOUNDRIES — SIC 332				
1977	7.7	387.90	45.0	8.62
1978	7.7	422.65	45.3	9.33
1979	7.0	435.13	43.6	9.98
1980	6.1	452.19	42.7	10.59
1981	6.7	532.72	43.1	12.36
NONFERROUS FOUNDRIES — SIC 336				
1977	3.6	232.18	40.1	5.79
1978	3.5	243.14	39.6	6.14
1979	3.5	265.93	40.6	6.55
1980	2.9	294.88	41.3	7.14
1981	2.9	310.37	38.7	8.02
FABRICATED METAL PRODUCTS — SIC 34				
1977	45.2	310.81	43.9	7.08
1978	45.6	330.38	43.3	7.63
1979	45.5	345.02	42.7	8.08
1980	40.0	357.11	41.0	8.71
1981	39.1	395.20	40.7	9.71
FABRICATED STRUCTURAL METAL PRODUCTS — SIC 344				
1977	5.0	255.36	42.0	6.08
1978	5.0	278.10	41.2	6.75
1979	4.6	297.05	41.2	7.21
1980	4.5	307.49	40.3	7.63
1981	4.5	323.99	39.9	8.11
SCREW MACHINE PRODUCTS, BOLTS, ETC. — SIC 345				
1977	7.1	258.70	43.7	5.92
1978	7.2	290.79	42.7	6.81
1979	7.3	310.30	42.8	7.25
1980	6.3	313.62	39.8	7.88
1981	5.9	357.69	40.6	8.81
METAL FORGINGS AND STAMPINGS — SIC 346				
1977	17.3	395.25	46.5	8.50
1978	17.7	405.00	44.9	9.02

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
CLEVELAND (Con.)				
METAL FORGINGS AND STAMPINGS — SIC 346 (Con.)				
1979	17.8	411.78	43.3	9.51
1980	14.1	431.39	41.6	10.37
1981	13.6	487.81	41.8	11.67
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	47.7	300.28	43.9	6.84
1978	49.0	338.36	44.0	7.69
1979	50.7	360.62	43.5	8.29
1980	49.2	380.52	42.0	9.06
1981	45.7	413.34	41.5	9.96
CONSTRUCTION AND RELATED MACHINERY — SIC 353				
1977	8.8	315.86	42.8	7.38
1978	9.5	361.79	44.5	8.13
1979	9.2	370.23	43.0	8.61
1980	8.6	379.53	39.7	9.56
1981	7.9	435.89	40.1	10.87
METALWORKING MACHINERY — SIC 354				
1977	16.8	293.44	42.9	6.84
1978	16.7	328.24	44.0	7.46
1979	17.5	366.91	44.1	8.32
1980	17.5	386.14	43.0	8.98
1981	16.5	409.21	42.1	9.72
SPECIAL INDUSTRY MACHINERY — SIC 355				
1977	4.8	289.38	42.0	6.89
1978	5.1	321.73	42.5	7.57
1979	5.2	344.84	41.9	8.23
1980	4.9	358.58	40.2	8.92
1981	4.6	389.46	39.7	9.81
GENERAL INDUSTRIAL MACHINERY — SIC 356				
1977	3.9	260.71	42.6	6.12
1978	4.0	304.99	43.2	7.06
1979	4.1	334.35	45.0	7.43
1980	4.0	[1] 377.58	[1] 43.6	[1] 8.66
1981	3.8	401.95	42.4	9.48
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	25.6	240.95	41.4	5.82
1978	26.3	262.26	41.3	6.35
1979	26.5	288.97	41.4	6.98
1980	25.0	313.03	40.6	7.71
1981	24.6	361.68	42.5	8.51
ELECTRICAL INDUSTRIAL APPARATUS — SIC 362				
1977	8.3	263.34	42.0	6.27
1978	8.8	294.55	43.0	6.85
1979	9.1	326.06	42.4	7.69
1980	9.2	339.86	40.8	8.33
1981	9.1	394.80	43.1	9.16
TRANSPORTATION EQUIPMENT — SIC 37				
1977	29.0	416.39	48.7	8.55
1978	31.2	451.57	48.4	9.33
1979	31.8	438.77	44.5	9.86
1980	25.3	437.18	41.4	10.56
1981	23.5	478.82	41.6	11.51
MOTOR VEHICLES AND EQUIPMENT — SIC 371				
1977	22.4	432.51	49.6	8.72
1978	24.0	470.35	49.2	9.56
1979	24.0	457.20	45.0	10.16
1980	17.2	450.18	41.0	10.98
1981	15.9	495.93	41.5	11.95
INSTRUMENTS AND RELATED PRODUCTS — SIC 38				
1979	5.7	260.62	41.9	6.22
1980	6.3	274.73	40.7	6.75
1981	6.6	296.54	40.4	7.34
NONDURABLE GOODS				
1977	71.5	229.82	39.9	5.76
1978	71.8	250.63	40.1	6.25
1979	71.2	270.40	40.0	6.76
1980	68.0	299.07	39.3	7.61
1981	67.2	331.53	39.8	8.33
CLEVELAND (Con.)				
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	9.6	226.33	40.2	5.63
1978	9.5	255.31	42.2	6.05
1979	9.2	273.68	42.3	6.47
1980	8.8	[1] 310.54	[1] 40.7	[1] 7.63
1981	8.4	339.85	40.7	8.35
BAKERY PRODUCTS — SIC 205				
1977	2.4	259.60	40.0	6.49
1978	2.3	267.92	39.4	6.80
1979	2.1	286.85	38.4	7.47
1980	2.0	325.60	40.7	8.00
1981	1.9	352.32	39.9	8.83
BEVERAGES — SIC 208				
1977	1.9	214.00	40.0	5.35
1978	1.7	243.78	41.6	5.86
1979	1.7	254.00	41.1	6.18
1980	1.7	266.45	39.3	6.78
1981	1.6	302.33	40.8	7.41
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	6.9	165.97	36.8	4.51
1978	6.5	182.65	37.2	4.91
1979	6.1	194.81	37.9	5.14
1980	5.7	216.41	37.9	5.71
1981	5.5	233.98	37.8	6.19
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	5.3	246.34	42.4	5.81
1978	5.3	270.92	42.8	6.33
1979	5.3	288.69	41.9	6.89
1980	5.2	305.52	40.2	7.60
1981	5.1	338.25	41.1	8.23
PRINTING AND PUBLISHING — SIC 27				
1977	15.4	263.89	38.3	6.89
1978	15.5	285.67	38.5	7.42
1979	15.3	312.91	38.3	8.17
1980	15.3	321.04	37.2	8.63
1981	15.3	356.26	37.9	9.40
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	16.6	274.26	42.0	6.53
1978	16.7	299.59	41.9	7.15
1979	16.9	324.79	41.8	7.77
1980	16.6	354.78	40.5	8.76
1981	16.1	394.83	41.3	9.56
INDUSTRIAL INORGANIC CHEMICALS — SIC 281				
1977	4.6	297.51	42.2	7.05
1978	4.5	311.40	40.6	7.67
1979	4.6	349.00	41.4	8.43
1980	4.6	375.41	39.6	9.48
1981	4.2	406.00	40.0	10.15
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS — SIC 30				
1977	11.7	207.46	41.0	5.06
1978	12.5	211.33	40.1	5.27
1979	12.7	225.89	39.7	5.69
1980	10.7	262.85	40.5	6.49
1981	10.8	289.87	41.0	7.07
TRANSPORTATION AND PUBLIC UTILITIES				
1977	46.0	-	-	-
1978	47.3	-	-	-
1979	47.8	-	-	-
1980	45.9	-	-	-
1981	45.1	-	-	-
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	18.2	296.79	40.6	7.31
1978	18.6	332.00	41.5	8.00
1979	18.9	358.85	41.2	8.71
1980	19.3	391.68	41.1	9.53
1981	19.8	429.27	41.0	10.47
CLEVELAND (Con.)				
WHOLESALE AND RETAIL TRADE				
1977	201.7	164.78	34.4	4.79
1978	209.2	174.72	33.6	5.20
1979	212.1	178.54	32.7	5.46
1980	205.3	192.83	32.3	5.97
1981	199.7	201.61	31.6	6.38
WHOLESALE TRADE — SIC 50,51				
1977	61.0	235.61	39.4	5.98
1978	63.6	250.34	39.3	6.37
1979	65.3	270.09	39.2	6.89
1980	63.9	294.84	39.0	7.56
1981	62.3	313.53	38.9	8.06
RETAIL TRADE — SIC 52-59				
1977	140.7	135.34	32.3	4.19
1978	145.6	144.92	31.3	4.63
1979	146.8	143.45	30.2	4.75
1980	141.4	150.75	29.5	5.11
1981	137.4	157.28	28.7	5.48
FINANCE, INSURANCE, AND REAL ESTATE				
1977	44.8	-	-	-
1978	45.8	-	-	-
1979	47.9	-	-	-
1980	48.2	-	-	-
1981	47.9	-	-	-
BANKING — SIC 60				
1977	12.5	158.78	-	-
1978	12.8	170.32	-	-
1979	13.5	184.19	-	-
1980	13.7	198.94	-	-
1981	13.7	212.52	-	-
INSURANCE CARRIERS — SIC 63				
1977	11.5	-	-	-
1978	12.0	-	-	-
1979	12.6	-	-	-
1980	12.2	-	-	-
1981	11.9	-	-	-
SERVICES				
1977	168.0	-	-	-
1978	175.4	-	-	-
1979	182.4	-	-	-
1980	187.5	-	-	-
1981	192.0	-	-	-
OTHER LOCAL GOVERNMENT				
1979	45.1	-	-	-
1980	45.9	-	-	-
1981	46.2	-	-	-
GOVERNMENT				
1977	118.6	-	-	-
1978	118.6	-	-	-
1979	118.2	-	-	-
1980	122.6	-	-	-
1981	119.9	-	-	-
FEDERAL GOVERNMENT				
1977	20.5	-	-	-
1978	20.3	-	-	-
1979	20.3	-	-	-
1980	20.7	-	-	-
1981	19.9	-	-	-
STATE GOVERNMENT				
1977	7.6	-	-	-
1978	7.7	-	-	-
1979	7.8	-	-	-
1980	8.1	-	-	-
1981	7.9	-	-	-
LOCAL GOVERNMENT				
1977	90.5	-	-	-
1978	90.6	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
CLEVELAND (Con.)				
LOCAL GOVERNMENT (Con.)				
1979	90.1	-	-	-
1980	93.8	-	-	-
1981	92.2	-	-	-
LOCAL EDUCATION — SIC 82,941				
1979	45.0	-	-	-
1980	47.9	-	-	-
1981	46.0	-	-	-
COLUMBUS				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	471.6	-	-	-
1978	493.8	-	-	-
1979	507.3	-	-	-
1980	509.8	-	-	-
1981	508.3	-	-	-
CONSTRUCTION				
1977	18.4	324.12	36.5	8.88
1978	19.9	352.11	37.3	9.44
1979	21.2	381.47	38.3	9.96
1980	19.6	409.09	37.6	10.88
1981	18.0	450.14	37.7	11.94
MANUFACTURING				
1977	98.9	245.02	40.3	6.08
1978	101.2	264.62	40.4	6.55
1979	101.1	282.71	40.1	7.05
1980	96.8	305.34	39.5	7.73
1981	93.6	346.80	40.0	8.67
DURABLE GOODS				
1977	66.8	250.17	39.9	6.27
1978	68.4	270.12	39.9	6.77
1979	67.4	291.34	39.8	7.32
1980	62.7	316.76	39.3	8.06
1981	59.9	359.90	39.9	9.02
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	11.3	232.83	39.8	5.85
1978	11.7	257.28	40.2	6.40
1979	10.6	271.26	39.6	6.85
1980	10.3	301.68	39.8	7.58
1981	9.8	340.13	40.3	8.44
FABRICATED METAL PRODUCTS — SIC 34				
1977	11.3	283.44	40.9	6.93
1978	11.7	313.58	40.1	7.82
1979	12.0	338.61	39.1	8.66
1980	11.1	373.41	39.1	9.55
1981	11.4	415.24	39.1	10.62
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	12.6	240.57	40.5	5.94
1978	12.9	255.10	40.3	6.33
1979	12.7	267.33	39.9	6.70
1980	12.0	309.20	40.9	7.56
1981	11.8	352.77	41.6	8.48
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1979	14.2	296.12	40.9	7.24
1980	13.2	312.05	39.6	7.88
1981	11.9	350.64	39.8	8.81
TRANSPORTATION EQUIPMENT — SIC 37				
1979	5.9	340.27	40.8	8.34
1980	6.0	364.41	40.4	9.02
1981	5.9	396.47	41.0	9.67
NONDURABLE GOODS				
1977	32.0	232.93	41.3	5.64
1978	32.7	250.66	41.5	6.04
1979	33.7	261.94	40.8	6.42
1980	34.1	280.50	39.9	7.03
1981	33.7	319.19	40.2	7.94
COLUMBUS (Con.)				
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	10.7	228.72	42.2	5.42
1978	10.4	250.42	42.3	5.92
1979	10.5	262.29	41.7	6.29
1980	10.7	295.40	42.2	7.00
1981	10.6	322.09	41.4	7.78
PRINTING AND PUBLISHING — SIC 27				
1977	7.8	255.36	38.0	6.72
1978	8.1	274.86	37.6	7.31
1979	8.4	286.03	38.6	7.41
1980	8.7	290.53	37.2	7.81
1981	8.6	352.98	37.0	9.54
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1979	5.9	283.32	41.3	6.86
1980	6.1	314.88	41.0	7.68
1981	6.0	359.06	41.8	8.59
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS — SIC 30				
1977	2.8	215.95	40.9	5.28
1978	3.1	229.04	40.9	5.60
1979	3.4	239.38	40.3	5.94
1980	3.1	251.93	40.7	6.19
1981	3.1	293.23	41.3	7.10
TRANSPORTATION AND PUBLIC UTILITIES				
1977	23.4	-	-	-
1978	24.5	-	-	-
1979	25.1	-	-	-
1980	24.7	-	-	-
1981	24.3	-	-	-
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	10.1	294.59	40.3	7.31
1978	10.6	330.44	41.1	8.04
1979	10.8	355.14	41.2	8.62
1980	11.0	381.30	41.0	9.30
1981	11.5	416.57	40.8	10.21
WHOLESALE AND RETAIL TRADE				
1977	112.1	131.60	32.9	4.00
1978	118.1	142.56	33.0	4.32
1979	120.9	151.66	32.2	4.71
1980	120.2	167.24	32.1	5.21
1981	120.0	172.46	31.3	5.51
WHOLESALE TRADE — SIC 50,51				
1977	24.6	200.72	38.9	5.16
1978	26.3	227.53	40.2	5.66
1979	27.5	253.43	40.1	6.32
1980	27.2	277.41	39.8	6.97
1981	27.2	287.28	39.3	7.31
RETAIL TRADE — SIC 52-59				
1977	87.5	114.30	31.4	3.64
1978	91.8	121.68	31.2	3.90
1979	93.4	124.92	30.1	4.15
1980	93.0	135.75	29.9	4.54
1981	92.8	142.79	29.2	4.89
FINANCE, INSURANCE, AND REAL ESTATE				
1977	31.5	-	-	-
1978	33.7	-	-	-
1979	36.1	-	-	-
1980	37.8	-	-	-
1981	39.3	-	-	-
BANKING — SIC 60				
1977	5.9	176.62	-	-
1978	6.4	149.72	-	-
1979	7.2	151.96	-	-
1980	7.7	166.86	-	-
1981	7.9	178.67	-	-
COLUMBUS (Con.)				
INSURANCE CARRIERS — SIC 63				
1977	14.0	-	-	-
1978	15.1	-	-	-
1979	16.1	-	-	-
1980	16.8	-	-	-
1981	17.1	-	-	-
SERVICES				
1977	90.2	-	-	-
1978	95.9	-	-	-
1979	100.7	-	-	-
1980	105.1	-	-	-
1981	108.7	-	-	-
OTHER LOCAL GOVERNMENT				
1979	18.9	-	-	-
1980	19.8	-	-	-
1981	18.6	-	-	-
GOVERNMENT				
1977	96.4	-	-	-
1978	99.8	-	-	-
1979	101.5	-	-	-
1980	105.0	-	-	-
1981	103.6	-	-	-
FEDERAL GOVERNMENT				
1977	11.9	-	-	-
1978	11.8	-	-	-
1979	11.6	-	-	-
1980	11.8	-	-	-
1981	11.5	-	-	-
STATE GOVERNMENT				
1977	44.1	-	-	-
1978	46.0	-	-	-
1979	47.8	-	-	-
1980	48.9	-	-	-
1981	48.7	-	-	-
STATE EDUCATION — SIC 82,941				
1977	18.1	-	-	-
1978	18.6	-	-	-
1979	19.3	-	-	-
1980	19.9	-	-	-
1981	19.6	-	-	-
LOCAL GOVERNMENT				
1977	40.4	-	-	-
1978	42.0	-	-	-
1979	42.1	-	-	-
1980	44.4	-	-	-
1981	43.4	-	-	-
LOCAL EDUCATION — SIC 82,941				
1979	23.2	-	-	-
1980	24.5	-	-	-
1981	24.8	-	-	-
DAYTON				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	343.1	-	-	-
1978	358.5	-	-	-
1979	364.9	-	-	-
1980	355.7	-	-	-
1981	353.4	-	-	-
CONSTRUCTION				
1977	12.8	361.07	38.7	9.33
1978	13.5	369.08	37.7	9.79
1979	14.1	390.85	37.8	10.34
1980	13.1	450.06	39.0	11.54
1981	11.8	481.05	38.3	12.56
MANUFACTURING				
1977	109.2	301.02	43.5	6.92
1978	112.0	315.86	42.8	7.38

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
DAYTON (Con.)				
MANUFACTURING (Con.)				
1979	109.5	336.80	42.1	8.00
1980	99.3	358.98	41.5	8.65
1981	97.8	397.85	41.4	9.61
DURABLE GOODS				
1977	75.4	299.64	44.0	6.81
1978	77.0	310.32	43.1	7.20
1979	74.2	334.05	42.5	7.86
1980	66.8	356.58	42.0	8.49
1981	66.9	397.32	42.0	9.46
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	2.2	283.91	44.5	6.38
1978	2.3	304.67	43.4	7.02
1979	2.5	345.64	44.2	7.82
1980	2.4	[1] 342.54	[1] 39.6	[1] 8.65
1981	2.3	353.63	39.6	8.93
FABRICATED METAL PRODUCTS — SIC 34				
1979	7.5	426.33	42.0	6.27
1980	7.2	282.62	41.5	6.81
1981	7.1	301.99	40.7	7.42
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	31.1	318.60	45.0	7.08
1978	31.9	327.49	43.9	7.46
1979	32.7	348.19	43.2	8.06
1980	31.2	371.09	43.0	8.63
1981	31.6	413.76	42.7	9.69
METALWORKING MACHINERY — SIC 354				
1977	6.6	323.18	46.5	6.95
1978	7.0	338.55	45.2	7.49
1979	7.4	371.28	45.5	8.16
1980	7.6	397.39	44.6	8.91
1981	7.3	408.07	43.0	9.49
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	13.8	236.46	42.3	5.59
1978	13.8	241.57	40.6	5.95
1979	9.8	258.04	40.7	6.34
1980	6.7	299.62	41.1	7.29
1981	5.5	293.94	41.4	7.10
ELECTRICAL INDUSTRIAL APPARATUS — SIC 362				
1977	3.7	226.04	41.4	5.46
1978	3.9	244.36	41.7	5.86
1979	4.2	260.82	42.0	6.21
1980	3.8	280.30	40.8	6.87
1981	3.4	318.61	42.2	7.55
TRANSPORTATION EQUIPMENT — SIC 37				
1977	14.3	384.42	44.7	8.60
1978	14.5	401.75	44.1	9.11
1979	14.6	424.41	43.0	9.87
1980	13.0	450.05	42.1	10.69
1981	14.0	520.20	42.5	12.24
NONDURABLE GOODS				
1977	33.8	304.59	42.6	7.15
1978	35.0	327.47	42.2	7.76
1979	35.3	342.79	41.3	8.30
1980	32.5	365.40	40.6	9.00
1981	30.9	399.59	40.2	9.94
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	3.3	262.28	41.5	6.32
1978	3.3	295.53	42.4	6.97
1979	3.4	334.80	43.2	7.75
1980	3.5	350.69	42.1	8.33
1981	3.1	380.16	39.6	9.60
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	6.0	263.57	45.6	5.78
1978	6.0	292.57	45.5	6.43
1979	5.9	308.46	44.9	6.87
1980	5.9	329.73	43.5	7.58
1981	5.9	341.09	41.8	8.16
DAYTON (Con.)				
PRINTING AND PUBLISHING — SIC 27				
1977	8.8	332.64	42.0	7.92
1978	9.2	337.83	40.9	8.26
1979	9.6	337.45	39.7	8.50
1980	9.4	[1] 388.17	[1] 40.1	[1] 9.68
1981	9.3	408.00	40.0	10.20
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS — SIC 30				
1977	11.9	344.35	42.2	8.16
1978	12.5	373.98	41.6	8.99
1979	12.4	399.74	40.5	9.87
1980	9.9	420.79	39.4	10.68
1981	9.0	486.38	39.9	12.19
TRANSPORTATION AND PUBLIC UTILITIES				
1977	12.0	–	–	–
1978	12.8	–	–	–
1979	13.3	–	–	–
1980	13.3	–	–	–
1981	13.3	–	–	–
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	5.9	297.54	40.1	7.42
1978	6.2	336.84	42.0	8.02
1979	6.4	359.90	41.8	8.61
1980	6.6	386.56	41.7	9.27
1981	6.7	402.17	40.5	9.93
WHOLESALE AND RETAIL TRADE				
1977	71.6	136.72	34.7	3.94
1978	74.4	147.31	34.1	4.32
1979	75.8	157.89	33.1	4.77
1980	74.4	166.35	32.3	5.15
1981	73.1	172.31	31.5	5.47
WHOLESALE TRADE — SIC 50,51				
1977	15.2	180.95	40.3	4.49
1978	15.7	201.23	40.9	4.92
1979	15.9	248.14	42.2	5.88
1980	15.9	263.11	41.5	6.34
1981	16.5	279.62	41.0	6.82
RETAIL TRADE — SIC 52-59				
1977	56.5	125.87	33.3	3.78
1978	58.7	134.14	32.4	4.14
1979	60.0	135.96	30.9	4.40
1980	58.5	141.13	29.9	4.72
1981	56.6	146.58	29.2	5.02
FINANCE, INSURANCE, AND REAL ESTATE				
1977	11.8	–	–	–
1978	12.8	–	–	–
1979	13.4	–	–	–
1980	13.4	–	–	–
1981	13.5	–	–	–
SERVICES				
1977	62.2	–	–	–
1978	66.2	–	–	–
1979	70.1	–	–	–
1980	72.6	–	–	–
1981	74.4	–	–	–
OTHER LOCAL GOVERNMENT				
1979	13.8	–	–	–
1980	14.1	–	–	–
1981	13.8	–	–	–
GOVERNMENT				
1977	62.9	–	–	–
1978	66.3	–	–	–
1979	68.2	–	–	–
1980	69.3	–	–	–
1981	69.2	–	–	–
DAYTON (Con.)				
FEDERAL GOVERNMENT				
1977	25.0	–	–	–
1978	25.3	–	–	–
1979	25.4	–	–	–
1980	25.8	–	–	–
1981	25.8	–	–	–
STATE GOVERNMENT				
1977	5.1	–	–	–
1978	5.4	–	–	–
1979	5.6	–	–	–
1980	5.8	–	–	–
1981	5.8	–	–	–
LOCAL GOVERNMENT				
1977	32.8	–	–	–
1978	35.6	–	–	–
1979	37.3	–	–	–
1980	37.7	–	–	–
1981	37.6	–	–	–
LOCAL EDUCATION — SIC 82,941				
1979	23.5	–	–	–
1980	23.5	–	–	–
1981	23.7	–	–	–
TOLEDO				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	292.1	–	–	–
1978	302.1	–	–	–
1979	306.0	–	–	–
1980	293.1	–	–	–
1981	290.9	–	–	–
CONSTRUCTION				
1977	11.3	424.93	36.6	11.61
1978	11.6	444.37	37.0	12.01
1979	11.8	470.12	37.4	12.57
1980	12.4	524.64	38.1	13.77
1981	11.5	557.59	37.0	15.07
MANUFACTURING				
1977	88.2	298.90	42.7	7.00
1978	90.5	319.27	42.4	7.53
1979	88.6	332.93	40.9	8.14
1980	75.4	361.34	40.6	8.90
1981	74.0	406.14	40.9	9.93
DURABLE GOODS				
1977	68.8	308.59	42.8	7.21
1978	71.1	327.47	42.2	7.76
1979	69.9	341.92	40.9	8.36
1980	58.2	370.58	40.5	9.15
1981	57.3	417.38	40.8	10.23
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	14.8	343.30	44.7	7.68
1978	15.2	343.56	42.0	8.18
1979	15.1	363.54	41.5	8.76
1980	13.5	380.22	41.6	9.14
1981	13.0	425.38	42.2	10.08
PRIMARY METAL INDUSTRIES — SIC 33				
1977	6.2	277.55	41.8	6.64
1978	6.2	305.87	41.9	7.30
1979	6.0	335.20	42.7	7.85
1980	4.8	366.32	42.3	8.66
1981	4.4	401.63	42.5	9.45
FABRICATED METAL PRODUCTS — SIC 34				
1977	9.4	266.49	42.3	6.30
1978	10.3	285.91	41.8	6.84
1979	10.2	294.52	39.8	7.40
1980	7.9	317.42	38.9	8.16
1981	7.8	377.45	39.9	9.46

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
TOLEDO (Con.)				
METAL FORGINGS AND STAMPINGS — SIC 346				
1977	4.6	299.63	41.5	7.22
1978	4.9	327.16	41.1	7.96
1979	4.8	340.35	39.9	8.53
1980	3.5	367.99	38.9	9.46
1981	3.7	420.69	39.8	10.57
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	7.6	332.26	44.9	7.40
1978	7.7	349.60	43.7	8.00
1979	8.1	356.58	42.0	8.49
1980	7.4	386.55	42.2	9.16
1981	6.9	406.55	40.9	9.94
GENERAL INDUSTRIAL MACHINERY — SIC 356				
1977	2.3	300.42	41.9	7.17
1978	2.4	332.07	41.2	8.06
1979	2.6	353.91	39.9	8.87
1980	2.4	386.89	39.6	9.77
1981	2.1	446.82	40.4	11.06
TRANSPORTATION EQUIPMENT — SIC 37				
1977	21.3	343.87	43.2	7.96
1978	22.1	368.47	43.4	8.49
1979	21.2	377.92	40.9	9.24
1980	16.1	414.16	39.9	10.38
1981	16.7	487.18	40.7	11.97
MOTOR VEHICLES AND EQUIPMENT — SIC 371				
1977	19.8	351.35	43.7	8.04
1978	20.7	373.65	43.6	8.57
1979	19.8	382.94	41.0	9.34
1980	14.7	418.30	39.8	10.51
1981	15.5	489.23	40.6	12.05
NONDURABLE GOODS				
1977	19.4	259.76	42.1	6.17
1978	19.4	290.06	43.1	6.73
1979	18.7	298.80	41.1	7.27
1980	17.2	328.84	40.9	8.04
1981	16.7	365.51	41.3	8.85
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	4.6	270.29	42.7	6.33
1978	4.7	292.58	42.9	6.82
1979	4.5	313.11	42.6	7.35
1980	4.4	341.32	42.4	8.05
1981	4.2	384.91	43.2	8.91
PETROLEUM AND COAL PRODUCTS — SIC 29				
1977	2.0	404.36	44.0	9.19
1978	1.9	439.00	43.9	10.00
1979	1.8	406.18	39.9	10.18
1980	1.7	517.52	42.7	12.12
1981	1.8	575.93	44.2	13.03
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS — SIC 30				
1977	3.6	218.06	41.3	5.28
1978	4.0	255.11	44.6	5.72
1979	3.9	253.44	39.6	6.40
1980	3.3	281.64	39.5	7.13
1981	3.3	309.14	40.2	7.69
TRANSPORTATION AND PUBLIC UTILITIES				
1977	19.5	–	–	–
1978	20.3	–	–	–
1979	21.0	–	–	–
1980	19.8	–	–	–
1981	19.2	–	–	–
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	6.6	325.13	42.5	7.65
1978	7.0	341.04	42.0	8.12
1979	7.3	365.20	41.5	8.80
1980	7.5	389.57	41.4	9.41
1981	7.6	422.92	41.1	10.29

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
TOLEDO (Con.)				
WHOLESALE AND RETAIL TRADE				
1977	65.6	150.52	33.9	4.44
1978	67.9	160.17	33.3	4.81
1979	68.5	164.22	32.2	5.10
1980	66.9	175.62	31.7	5.54
1981	66.1	186.29	31.1	5.99
WHOLESALE TRADE — SIC 50,51				
1977	14.5	217.40	39.1	5.56
1978	14.8	230.29	38.9	5.92
1979	15.0	250.64	38.5	6.51
1980	14.7	281.01	38.6	7.28
1981	14.7	307.17	38.3	8.02
RETAIL TRADE — SIC 52-59				
1977	51.0	132.68	32.6	4.07
1978	53.1	142.27	31.9	4.46
1979	53.4	143.37	30.7	4.67
1980	52.1	148.30	29.9	4.96
1981	51.4	155.88	29.3	5.32
FINANCE, INSURANCE, AND REAL ESTATE				
1977	9.7	–	–	–
1978	10.1	–	–	–
1979	10.5	–	–	–
1980	10.7	–	–	–
1981	10.6	–	–	–
SERVICES				
1977	53.4	–	–	–
1978	56.3	–	–	–
1979	59.1	–	–	–
1980	60.3	–	–	–
1981	63.5	–	–	–
OTHER LOCAL GOVERNMENT				
1979	12.4	–	–	–
1980	12.4	–	–	–
1981	11.6	–	–	–
GOVERNMENT				
1977	43.9	–	–	–
1978	44.9	–	–	–
1979	45.9	–	–	–
1980	47.2	–	–	–
1981	45.6	–	–	–
STATE GOVERNMENT				
1977	12.6	–	–	–
1978	12.9	–	–	–
1979	13.2	–	–	–
1980	14.0	–	–	–
1981	13.9	–	–	–
LOCAL GOVERNMENT				
1977	28.6	–	–	–
1978	29.4	–	–	–
1979	29.9	–	–	–
1980	30.2	–	–	–
1981	28.9	–	–	–
LOCAL EDUCATION — SIC 82,941				
1979	17.5	–	–	–
1980	17.8	–	–	–
1981	17.2	–	–	–
YOUNGSTOWN-WARREN				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	208.0	–	–	–
1978	210.3	–	–	–
1979	213.9	–	–	–
1980	203.1	–	–	–
1981	199.1	–	–	–
CONSTRUCTION				
1977	7.4	396.98	37.7	10.53
1978	7.4	427.48	38.1	11.22

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
YOUNGSTOWN-WARREN (Con.)				
CONSTRUCTION (Con.)				
1979	7.0	454.66	37.7	12.06
1980	6.6	502.92	38.1	13.20
1981	6.3	534.11	37.8	14.13
MANUFACTURING				
1977	81.1	313.50	40.4	7.76
1978	79.4	353.56	41.4	8.54
1979	79.9	377.29	40.7	9.27
1980	70.8	409.77	39.9	10.27
1981	67.7	474.10	40.8	11.62
DURABLE GOODS				
1977	74.9	319.97	40.4	7.92
1978	73.5	360.59	41.4	8.71
1979	73.9	385.43	40.7	9.47
1980	65.0	419.75	39.9	10.52
1981	61.9	486.34	40.8	11.92
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	2.4	226.08	42.9	5.27
1978	2.4	241.94	40.8	5.93
1979	2.2	250.28	37.3	6.71
1980	2.1	268.64	36.8	7.30
1981	1.9	292.93	36.8	7.96
PRIMARY METAL INDUSTRIES — SIC 33				
1977	40.6	330.62	39.5	8.37
1978	36.3	379.96	40.9	9.29
1979	35.7	413.10	40.5	10.20
1980	30.5	450.54	39.8	11.32
1981	29.5	507.20	40.0	12.68
BLAST FURNACE AND BASIC STEEL PRODUCTS — SIC 331				
1977	25.4	341.15	39.9	8.55
1978	21.5	401.40	41.9	9.58
1979	20.9	429.27	41.0	10.47
1980	16.6	446.91	39.1	11.43
1981	15.3	537.95	40.6	13.25
FABRICATED METAL PRODUCTS — SIC 34				
1977	8.7	340.30	41.5	8.20
1978	9.3	360.96	41.3	8.74
1979	9.7	391.76	41.5	9.44
1980	9.4	434.52	40.8	10.65
1981	9.3	516.60	42.8	12.07
FABRICATED STRUCTURAL METAL PRODUCTS — SIC 344				
1977	2.8	261.23	39.7	6.58
1978	3.0	294.98	40.8	7.23
1979	3.1	299.34	39.7	7.54
1980	2.9	320.66	39.2	8.18
1981	2.7	362.94	38.9	9.33
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	6.7	281.86	38.4	7.34
1978	6.3	327.92	39.7	8.26
1979	6.6	364.29	39.9	9.13
1980	6.5	395.15	38.8	10.21
1981	5.6	431.01	38.9	11.08
METALWORKING MACHINERY — SIC 354				
1977	3.0	284.62	38.0	7.49
1978	2.6	333.52	39.8	8.38
1979	2.7	396.07	41.3	9.59
1980	3.0	437.22	40.9	10.69
1981	2.6	463.90	40.8	11.37
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	3.3	230.98	40.1	5.76
1978	3.2	252.90	40.4	6.26
1979	3.4	277.55	40.4	6.87
1980	3.2	309.50	40.3	7.68
1981	3.1	332.20	39.5	8.41
TRANSPORTATION EQUIPMENT — SIC 37				
1977	10.4	356.27	43.5	8.19
1978	13.2	392.48	44.0	8.92

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
YOUNGSTOWN-WARREN (Con.)				
TRANSPORTATION EQUIPMENT — SIC 37 (Con.)				
1979	13.7	392.92	41.8	9.40
1980	11.2	428.98	40.7	10.54
1981	10.6	537.15	43.6	12.32
NONDURABLE GOODS				
1977	6.1	230.04	40.5	5.68
1978	5.9	250.91	40.6	6.18
1979	6.0	265.34	39.9	6.65
1980	5.8	283.68	39.4	7.20
1981	5.7	316.37	40.2	7.87
TRANSPORTATION AND PUBLIC UTILITIES				
1977	9.9	–	–	–
1978	10.1	–	–	–
1979	10.1	–	–	–
1980	9.5	–	–	–
1981	9.2	–	–	–
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	3.1	299.71	43.0	6.97
1978	3.1	327.89	43.2	7.59
1979	3.2	348.39	42.8	8.14
1980	3.3	385.85	43.5	8.87
1981	3.3	421.52	43.1	9.78
WHOLESALE AND RETAIL TRADE				
1977	44.1	141.78	34.0	4.17
1978	45.6	150.30	33.4	4.50
1979	46.6	157.30	32.3	4.87
1980	44.8	168.96	31.7	5.33
1981	43.9	181.76	31.5	5.77
WHOLESALE TRADE — SIC 50,51				
1977	7.6	206.06	39.4	5.23
1978	8.1	228.52	39.4	5.80
1979	8.1	251.77	39.4	6.39
1980	7.9	[1] 294.67	[1] 39.5	[1] 7.46
1981	7.9	323.61	40.1	8.07
RETAIL TRADE — SIC 52-59				
1977	36.5	129.69	33.0	3.93
1978	37.5	136.40	32.4	4.21
1979	38.5	139.19	31.0	4.49
1980	37.0	144.05	30.2	4.77
1981	36.1	153.77	29.8	5.16
FINANCE, INSURANCE, AND REAL ESTATE				
1977	6.6	–	–	–
1978	6.8	–	–	–
1979	7.0	–	–	–
1980	7.1	–	–	–
1981	7.1	–	–	–
SERVICES				
1977	33.8	–	–	–
1978	35.3	–	–	–
1979	37.2	–	–	–
1980	37.9	–	–	–
1981	39.0	–	–	–
GOVERNMENT				
1977	24.8	–	–	–
1978	25.1	–	–	–
1979	25.6	–	–	–
1980	25.8	–	–	–
1981	25.1	–	–	–
LOCAL GOVERNMENT				
1977	19.5	–	–	–
1978	20.0	–	–	–
1979	20.4	–	–	–
1980	20.2	–	–	–
1981	19.7	–	–	–

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	971.5	-	-	-
1978	1,035.5	-	-	-
1979	1,087.3	-	-	-
1980	1,137.7	-	-	-
1981	1,193.1	-	-	-
MINING				
1977	48.9	-	-	-
1978	54.9	-	-	-
1979	60.9	-	-	-
1980	74.9	-	-	-
1981	95.7	-	-	-
OIL AND GAS EXTRACTION — SIC 13				
1977	46.3	285.21	45.2	6.31
1978	51.9	313.61	43.8	7.16
1979	57.8	351.74	46.1	7.63
1980	71.4	393.47	46.4	8.48
1981	92.1	446.98	47.1	9.49
CONSTRUCTION				
1977	49.5	282.62	36.8	7.68
1978	57.3	304.24	36.7	8.29
1979	59.1	349.65	37.8	9.25
1980	57.3	370.36	37.6	9.85
1981	53.8	396.97	37.1	10.70
MANUFACTURING				
1977	163.0	214.52	40.4	5.31
1978	172.4	233.56	40.2	5.81
1979	184.1	264.46	40.5	6.53
1980	191.3	295.14	40.1	7.36
1981	198.8	328.82	40.1	8.20
DURABLE GOODS				
1977	98.1	220.45	40.9	5.39
1978	107.1	237.92	40.6	5.86
1979	117.0	270.50	40.8	6.63
1980	124.3	305.31	40.6	7.52
1981	131.8	337.74	40.4	8.36
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	4.1	-	-	-
1978	4.2	-	-	-
1979	3.6	-	-	-
1980	3.5	-	-	-
1981	3.6	-	-	-
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	10.0	232.93	41.3	5.64
1978	10.4	262.48	41.4	6.34
1979	10.6	298.78	42.2	7.08
1980	10.5	319.09	40.7	7.84
1981	10.8	349.74	40.2	8.70
PRIMARY METAL INDUSTRIES — SIC 33				
1977	5.0	240.30	39.2	6.13
1978	5.3	273.10	40.4	6.76
1979	5.5	294.80	40.0	7.37
1980	5.7	320.19	39.0	8.21
1981	6.4	356.71	38.9	9.17
FABRICATED METAL PRODUCTS — SIC 34				
1977	20.2	214.37	40.6	5.28
1978	21.5	231.55	40.2	5.76
1979	22.4	253.83	40.1	6.33
1980	23.7	288.35	40.9	7.05
1981	24.3	325.56	40.9	7.96
STATEWIDE (Con.)				
FABRICATED STRUCTURAL METAL PRODUCTS — SIC 344				
1977	13.5	224.26	40.7	5.51
1978	14.2	237.96	40.4	5.89
1979	14.4	261.79	40.4	6.48
1980	15.1	296.12	40.9	7.24
1981	15.4	333.34	40.9	8.15
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	28.2	224.08	42.2	5.31
1978	32.5	241.28	41.6	5.80
1979	36.4	256.22	40.8	6.28
1980	39.2	279.68	40.3	6.94
1981	44.5	316.98	40.9	7.75
OIL FIELD MACHINERY — SIC 3533				
1977	8.1	236.56	44.3	5.34
1978	9.5	254.46	44.1	5.77
1979	10.3	272.64	42.6	6.40
1980	11.8	305.76	42.0	7.28
1981	14.6	340.98	42.2	8.08
GENERAL INDUSTRIAL MACHINERY — SIC 356				
1977	5.0	-	-	-
1978	5.6	-	-	-
1979	6.3	-	-	-
1980	7.0	-	-	-
1981	7.4	-	-	-
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	12.6	222.91	41.9	5.32
1978	13.7	235.42	40.8	5.77
1979	13.5	264.55	40.7	6.50
1980	13.4	292.44	40.9	7.15
1981	12.8	322.22	41.1	7.84
TRANSPORTATION EQUIPMENT — SIC 37				
1977	11.9	-	-	-
1978	12.9	-	-	-
1979	17.8	-	-	-
1980	20.4	-	-	-
1981	21.0	-	-	-
AIRCRAFT AND PARTS — SIC 372				
1980	8.9	-	-	-
1981	9.7	-	-	-
INSTRUMENTS AND RELATED PRODUCTS — SIC 38				
1980	3.2	266.57	38.3	6.96
1981	3.9	297.83	39.5	7.54
NONDURABLE GOODS				
1977	64.9	205.25	39.7	5.17
1978	65.3	226.34	39.5	5.73
1979	67.1	252.17	39.9	6.32
1980	67.0	275.66	39.1	7.05
1981	67.0	312.05	39.6	7.88
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	16.2	199.48	40.3	4.95
1978	16.5	220.04	40.3	5.46
1979	16.7	245.01	40.7	6.02
1980	16.4	269.61	40.3	6.69
1981	15.5	290.73	40.1	7.25
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	13.0	113.71	36.8	3.09
1978	12.4	125.20	36.5	3.43
1979	11.6	138.75	37.0	3.75
STATEWIDE (Con.)				
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23 (Con.)				
1980	11.1	151.11	36.5	4.14
1981	11.0	164.53	36.4	4.52
PRINTING AND PUBLISHING — SIC 27				
1977	9.6	214.54	40.1	5.35
1978	9.9	224.19	39.4	5.69
1979	10.5	240.86	39.1	6.16
1980	11.0	271.29	38.7	7.01
1981	11.4	307.68	39.7	7.75
NEWSPAPERS, AND PERIODICALS — SIC 271,2				
1977	5.7	224.87	39.8	5.65
1978	5.7	231.28	39.2	5.90
1979	6.0	246.77	38.2	6.46
1980	6.3	270.03	37.4	7.22
1981	6.4	302.16	38.2	7.91
PETROLEUM AND COAL PRODUCTS — SIC 29				
1977	8.8	-	-	-
1978	8.5	-	-	-
1979	8.6	-	-	-
1980	8.7	-	-	-
1981	9.1	-	-	-
PETROLEUM REFINING — SIC 291				
1977	7.8	323.14	40.8	7.92
1978	7.5	359.57	41.0	8.77
1979	7.6	395.08	42.3	9.34
1980	7.8	425.49	40.6	10.48
1981	8.2	497.25	42.5	11.70
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS — SIC 30				
1977	9.7	-	-	-
1978	10.1	-	-	-
1979	11.7	-	-	-
1980	11.7	-	-	-
1981	11.9	-	-	-
TIRES AND INNER TUBES — SIC 301				
1977	5.8	-	-	-
1978	5.9	-	-	-
1979	7.1	-	-	-
1980	7.2	-	-	-
1981	7.4	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	59.3	-	-	-
1978	62.7	-	-	-
1979	66.0	-	-	-
1980	68.6	-	-	-
1981	69.0	-	-	-
TRANSPORTATION — SIC 40-42,44-47				
1977	33.4	-	-	-
1978	35.6	-	-	-
1979	37.4	-	-	-
1980	38.5	-	-	-
1981	37.9	-	-	-
RAILROAD TRANSPORTATION — SIC 40				
1977	4.0	-	-	-
1978	4.1	-	-	-
1979	4.1	-	-	-
1980	3.4	-	-	-
1981	3.1	-	-	-

See footnotes at end of tables.

OKLAHOMA

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	25.9	250.88	40.4	6.21
1978	27.1	279.48	40.8	6.85
1979	28.6	305.11	40.9	7.46
1980	30.1	328.84	40.2	8.18
1981	31.1	372.81	40.7	9.16
WHOLESALE AND RETAIL TRADE				
1977	232.0	-	-	-
1978	248.9	-	-	-
1979	256.4	-	-	-
1980	266.3	-	-	-
1981	278.3	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	57.5	208.15	41.3	5.04
1978	61.7	234.36	40.9	5.73
1979	64.5	258.22	40.6	6.36
1980	69.5	277.43	40.5	6.85
1981	74.4	304.62	40.4	7.54
RETAIL TRADE — SIC 52-59				
1977	174.5	-	-	-
1978	187.2	-	-	-
1979	191.9	-	-	-
1980	196.8	-	-	-
1981	203.9	-	-	-
GENERAL MERCHANDISE STORES — SIC 53				
1977	26.6	-	-	-
1978	27.6	-	-	-
1979	27.9	-	-	-
1980	27.9	-	-	-
1981	30.1	-	-	-
FOOD STORES — SIC 54				
1977	27.3	-	-	-
1978	29.0	-	-	-
1979	30.8	-	-	-
1980	33.5	-	-	-
1981	34.4	-	-	-
AUTOMOTIVE DEALERS AND SERVICE STATIONS — SIC 55				
1977	24.9	-	-	-
1978	26.0	-	-	-
1979	25.6	-	-	-
1980	24.5	-	-	-
1981	24.0	-	-	-
APPAREL AND ACCESSORY STORES — SIC 56				
1977	11.9	-	-	-
1978	13.4	-	-	-
1979	13.8	-	-	-
1980	14.2	-	-	-
1981	14.3	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	48.5	-	-	-
1978	50.8	-	-	-
1979	53.6	-	-	-
1980	56.5	-	-	-
1981	58.5	-	-	-
BANKING — SIC 60				
1977	16.4	-	-	-
1978	17.3	-	-	-
1979	18.4	-	-	-
1980	19.7	-	-	-
1981	20.7	-	-	-
SERVICES				
1977	157.9	-	-	-
1978	170.1	-	-	-
1979	183.2	-	-	-
1980	194.3	-	-	-
1981	202.1	-	-	-
STATEWIDE (Con.)				
HOTELS AND OTHER LODGING PLACES — SIC 70				
1977	8.8	-	-	-
1978	9.5	-	-	-
1979	9.7	-	-	-
1980	9.7	-	-	-
1981	9.6	-	-	-
PERSONAL SERVICES — SIC 72				
1977	9.7	-	-	-
1978	10.0	-	-	-
1979	10.0	-	-	-
1980	10.4	-	-	-
1981	10.9	-	-	-
HEALTH SERVICES — SIC 80				
1977	54.2	-	-	-
1978	56.5	-	-	-
1979	59.0	-	-	-
1980	61.6	-	-	-
1981	65.5	-	-	-
GOVERNMENT				
1977	212.4	-	-	-
1978	218.4	-	-	-
1979	224.0	-	-	-
1980	228.5	-	-	-
1981	236.9	-	-	-
FEDERAL GOVERNMENT				
1977	48.5	-	-	-
1978	48.9	-	-	-
1979	48.1	-	-	-
1980	48.6	-	-	-
1981	47.9	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	163.9	-	-	-
1978	169.5	-	-	-
1979	175.9	-	-	-
1980	179.9	-	-	-
1981	189.0	-	-	-
ENID				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1980	25.7	-	-	-
1981	26.8	-	-	-
MINING				
1980	2.1	-	-	-
1981	3.0	-	-	-
CONSTRUCTION				
1980	1.7	-	-	-
1981	1.5	-	-	-
MANUFACTURING				
1980	3.0	-	-	-
1981	3.1	-	-	-
FOOD AND KINDRED PRODUCTS — SIC 20				
1980	.5	-	-	-
1981	.5	-	-	-
ALL OTHER MANUFACTURING				
1980	2.5	-	-	-
1981	2.6	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1980	2.6	-	-	-
1981	2.7	-	-	-
WHOLESALE AND RETAIL TRADE				
1980	7.0	-	-	-
1981	7.1	-	-	-
ENID (Con.)				
FINANCE, INSURANCE, AND REAL ESTATE				
1980	1.1	-	-	-
1981	1.1	-	-	-
SERVICES				
1980	4.5	-	-	-
1981	4.6	-	-	-
GOVERNMENT				
1980	3.7	-	-	-
1981	3.7	-	-	-
LAWTON				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1980	29.1	-	-	-
1981	29.4	-	-	-
CONSTRUCTION				
1980	1.5	-	-	-
1981	1.4	-	-	-
MANUFACTURING				
1980	3.0	-	-	-
1981	3.1	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1980	1.2	-	-	-
1981	1.3	-	-	-
WHOLESALE AND RETAIL TRADE				
1980	7.3	-	-	-
1981	7.4	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1980	1.2	-	-	-
1981	1.2	-	-	-
SERVICES AND MINING				
1980	4.3	-	-	-
1981	4.6	-	-	-
GOVERNMENT				
1980	10.6	-	-	-
1981	10.4	-	-	-
OKLAHOMA CITY				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	333.1	-	-	-
1978	360.9	-	-	-
1979	379.6	-	-	-
1980	400.9	-	-	-
1981	422.0	-	-	-
MINING				
1977	10.9	-	-	-
1978	12.6	-	-	-
1979	14.1	-	-	-
1980	18.9	-	-	-
1981	26.5	-	-	-
CONSTRUCTION				
1977	16.5	-	-	-
1978	19.2	-	-	-
1979	20.2	-	-	-
1980	19.8	-	-	-
1981	21.2	-	-	-
MANUFACTURING				
1977	43.6	212.22	40.5	5.24
1978	47.3	230.00	40.0	5.75
1979	52.6	269.10	41.4	6.50
1980	55.5	316.68	40.6	7.80
1981	56.4	343.87	39.8	8.64

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
OKLAHOMA CITY (Con.)				
DURABLE GOODS				
1977	26.7	216.19	41.1	5.26
1978	30.0	234.90	40.5	5.80
1979	34.7	275.39	41.6	6.62
1980	37.9	329.26	40.8	8.07
1981	39.3	355.20	40.0	8.88
PRIMARY AND FABRICATED METALS — SIC 33,34				
1977	5.5	194.88	40.6	4.80
1978	5.8	215.59	40.6	5.31
1979	6.3	236.34	40.4	5.85
1980	6.6	267.55	40.6	6.59
1981	6.3	293.14	39.4	7.44
MACHINERY — SIC 35,36				
1977	13.3	-	-	-
1978	15.4	-	-	-
1979	16.5	-	-	-
1980	16.7	-	-	-
1981	17.8	-	-	-
TRANSPORTATION EQUIPMENT — SIC 37				
1977	4.1	-	-	-
1978	4.5	-	-	-
1979	7.4	-	-	-
1980	9.7	-	-	-
1981	9.7	-	-	-
NONDURABLE GOODS				
1977	16.9	205.27	39.4	5.21
1978	17.3	221.48	39.2	5.65
1979	17.9	255.22	40.9	6.24
1980	17.6	284.00	40.0	7.10
1981	17.1	310.86	39.2	7.93
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	6.6	222.75	40.5	5.50
1978	6.9	242.54	40.9	5.93
1979	6.9	276.89	41.7	6.64
1980	6.6	315.33	41.6	7.58
1981	6.1	345.24	42.0	8.22
PRINTING AND PUBLISHING — SIC 27				
1977	3.8	244.91	41.3	5.93
1978	4.0	241.15	38.4	6.28
1979	4.2	262.96	38.5	6.83
1980	4.2	289.45	37.3	7.76
1981	4.2	339.50	38.8	8.75
TRANSPORTATION AND PUBLIC UTILITIES				
1977	20.5	-	-	-
1978	21.9	-	-	-
1979	23.3	-	-	-
1980	23.7	-	-	-
1981	24.0	-	-	-
TRANSPORTATION — SIC 40-42,44-47				
1977	11.2	-	-	-
1978	11.7	-	-	-
1979	12.1	-	-	-
1980	11.9	-	-	-
1981	12.0	-	-	-
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	9.3	-	-	-
1978	10.2	-	-	-
1979	11.2	-	-	-
1980	11.8	-	-	-
1981	12.0	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	83.0	-	-	-
1978	91.2	-	-	-
1979	94.7	-	-	-
1980	97.9	-	-	-
1981	104.6	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	20.4	-	-	-
1978	22.7	-	-	-
1979	24.0	-	-	-
1980	25.5	-	-	-
1981	27.5	-	-	-
RETAIL TRADE — SIC 52-59				
1977	62.6	-	-	-
1978	68.5	-	-	-
1979	70.7	-	-	-
1980	72.4	-	-	-
1981	77.1	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	21.3	-	-	-
1978	22.5	-	-	-
1979	23.4	-	-	-
1980	24.9	-	-	-
1981	26.1	-	-	-
BANKING — SIC 60				
1977	5.2	-	-	-
1978	5.5	-	-	-
1979	5.9	-	-	-
1980	6.6	-	-	-
1981	7.2	-	-	-
SERVICES				
1977	56.6	-	-	-
1978	63.0	-	-	-
1979	68.2	-	-	-
1980	71.1	-	-	-
1981	72.9	-	-	-
HEALTH SERVICES — SIC 80				
1977	16.6	-	-	-
1978	17.8	-	-	-
1979	18.6	-	-	-
1980	19.7	-	-	-
1981	20.9	-	-	-
GOVERNMENT				
1977	80.7	-	-	-
1978	83.1	-	-	-
1979	83.1	-	-	-
1980	89.1	-	-	-
1981	90.3	-	-	-
FEDERAL GOVERNMENT				
1977	26.5	-	-	-
1978	26.6	-	-	-
1979	26.5	-	-	-
1980	27.2	-	-	-
1981	27.0	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	54.2	-	-	-
1978	56.5	-	-	-
1979	56.6	-	-	-
1980	61.9	-	-	-
1981	63.3	-	-	-
TULSA				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	254.7	-	-	-
1978	273.0	-	-	-
1979	287.8	-	-	-
1980	308.1	-	-	-
1981	321.6	-	-	-
MINING				
1977	15.5	-	-	-
1978	17.1	-	-	-
1979	18.4	-	-	-
1980	22.6	-	-	-
1981	26.4	-	-	-
TULSA (Con.)				
CONSTRUCTION				
1977	13.8	-	-	-
1978	15.8	-	-	-
1979	16.5	-	-	-
1980	16.5	-	-	-
1981	15.9	-	-	-
MANUFACTURING				
1977	53.8	229.77	40.1	5.73
1978	56.0	248.40	40.0	6.21
1979	59.9	283.20	40.4	7.01
1980	63.9	310.82	39.9	7.79
1981	67.9	353.74	40.8	8.67
DURABLE GOODS				
1977	40.8	234.95	40.3	5.83
1978	43.4	255.27	40.2	6.35
1979	46.8	292.32	40.6	7.20
1980	50.6	322.00	40.2	8.01
1981	54.1	365.79	41.1	8.90
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	3.9	-	-	-
1978	4.0	-	-	-
1979	4.1	-	-	-
1980	3.9	-	-	-
1981	4.1	-	-	-
PRIMARY AND FABRICATED METALS — SIC 33,34				
1977	15.7	241.40	40.3	5.99
1978	16.5	260.65	40.1	6.50
1979	16.6	289.78	40.7	7.12
1980	17.4	319.14	40.5	7.88
1981	18.4	353.91	41.2	8.59
MACHINERY — SIC 35,36				
1977	13.4	212.18	41.2	5.15
1978	15.0	229.88	40.4	5.69
1979	16.2	258.80	40.0	6.47
1980	18.1	302.33	40.8	7.41
1981	20.5	344.40	41.0	8.40
TRANSPORTATION EQUIPMENT — SIC 37				
1977	4.7	-	-	-
1978	4.7	-	-	-
1979	6.5	-	-	-
1980	7.6	-	-	-
1981	7.8	-	-	-
NONDURABLE GOODS				
1977	13.0	213.44	39.6	5.39
1978	12.6	226.73	39.5	5.74
1979	13.1	274.10	39.6	6.24
1980	13.3	267.24	38.9	6.87
1981	13.8	302.54	39.6	7.64
PRINTING AND PUBLISHING — SIC 27				
1977	2.9	240.08	40.9	5.87
1978	3.0	251.73	41.2	6.11
1979	3.2	276.75	41.0	6.75
1980	3.6	279.19	41.3	6.76
1981	4.0	312.14	42.7	7.31
PETROLEUM AND COAL PRODUCTS — SIC 29				
1977	1.5	-	-	-
1978	1.4	-	-	-
1979	1.5	-	-	-
1980	1.5	-	-	-
1981	1.6	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	19.6	-	-	-
1978	21.2	-	-	-
1979	22.2	-	-	-
1980	24.3	-	-	-
1981	23.9	-	-	-

See footnotes at end of tables.

OKLAHOMA

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
TULSA (Con.)				
WHOLESALE AND RETAIL TRADE				
1977	63.6	-	-	-
1978	67.9	-	-	-
1979	69.7	-	-	-
1980	71.9	-	-	-
1981	73.3	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	18.7	-	-	-
1978	20.2	-	-	-
1979	21.1	-	-	-
1980	22.4	-	-	-
1981	23.5	-	-	-
RETAIL TRADE — SIC 52-59				
1977	44.9	-	-	-
1978	47.7	-	-	-
1979	48.6	-	-	-
1980	49.5	-	-	-
1981	49.8	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	13.2	-	-	-
1978	13.7	-	-	-
1979	14.5	-	-	-
1980	15.4	-	-	-
1981	15.7	-	-	-
SERVICES				
1977	48.4	-	-	-
1978	52.5	-	-	-
1979	55.8	-	-	-
1980	60.3	-	-	-
1981	63.6	-	-	-
HEALTH SERVICES — SIC 80				
1977	15.8	-	-	-
1978	16.6	-	-	-
1979	17.1	-	-	-
1980	18.7	-	-	-
1981	19.8	-	-	-
GOVERNMENT				
1977	26.8	-	-	-
1978	28.8	-	-	-
1979	30.8	-	-	-
1980	33.2	-	-	-
1981	34.9	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	936.9	-	-	-
1978	1,009.4	-	-	-
1979	1,056.2	-	-	-
1980	1,044.6	-	-	-
1981	1,019.3	-	-	-
MINING				
1977	1.8	-	-	-
1978	2.2	-	-	-
1979	2.4	-	-	-
1980	2.3	-	-	-
1981	2.2	-	-	-
CONSTRUCTION				
1977	42.6	345.40	34.3	10.07
1978	48.8	377.33	35.1	10.75
1979	53.0	418.88	35.2	11.90
1980	46.5	457.13	34.5	13.25
1981	37.6	513.74	34.0	15.11
MANUFACTURING				
1977	206.1	257.46	38.6	6.67
1978	219.1	281.97	39.0	7.23
1979	228.5	304.92	38.5	7.92
1980	215.1	329.57	38.1	8.65
1981	203.3	355.51	37.7	9.43
DURABLE GOODS				
1977	152.1	265.98	39.0	6.82
1978	165.1	293.88	39.5	7.44
1979	171.8	315.44	38.8	8.13
1980	159.6	338.19	38.3	8.83
1981	148.5	363.59	37.6	9.67
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	79.4	282.00	40.0	7.05
1978	81.4	316.39	40.1	7.89
1979	81.2	340.49	39.5	8.62
1980	69.5	357.50	38.4	9.31
1981	63.8	369.37	36.9	10.01
LOGGING CAMPS, SAWMILLS AND PLANING MILLS — SIC 241,2				
1977	40.8	298.05	39.9	7.47
1978	41.4	337.64	40.1	8.42
1979	41.9	361.82	39.5	9.16
1980	36.9	375.67	38.1	9.86
1981	33.0	393.68	37.0	10.64
HARDWOOD AND SOFTWOOD VENEER AND PLYWOOD — SIC 2435,6				
1977	24.3	292.63	41.1	7.12
1978	24.5	324.75	40.9	7.94
1979	24.3	344.46	40.1	8.59
1980	20.5	367.48	39.9	9.21
1981	19.0	369.89	37.1	9.97
MILLWORK AND STRUCTURAL WOOD MEMBERS — SIC 2431,4,9				
1977	7.3	211.07	38.1	5.54
1978	8.0	232.70	38.4	6.06
1979	7.7	258.30	38.9	6.64
1980	6.2	277.43	37.9	7.32
1981	6.2	284.69	35.9	7.93
STATEWIDE (Con.)				
MOBILE HOMES — SIC 2451				
1977	2.6	203.15	39.6	5.13
1978	3.0	224.06	38.3	5.85
1979	3.0	230.91	35.8	6.45
1980	2.1	247.75	33.8	7.33
1981	1.9	258.72	33.6	7.70
FURNITURE AND FIXTURES — SIC 25				
1977	3.1	176.05	35.0	5.03
1978	3.2	179.89	34.2	5.26
1979	2.9	194.24	32.7	5.94
1980	2.6	197.50	31.2	6.33
1981	2.5	222.50	32.2	6.91
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	3.8	-	-	-
1978	4.0	-	-	-
1979	4.4	-	-	-
1980	4.5	-	-	-
1981	3.9	-	-	-
PRIMARY METAL INDUSTRIES — SIC 33				
1977	9.7	309.66	39.7	7.80
1978	10.4	336.40	40.0	8.41
1979	11.1	365.76	39.8	9.19
1980	11.0	407.55	39.8	10.24
1981	10.2	460.69	40.2	11.46
BLAST FURNACES, IRON AND STEEL FOUNDRIES, AND MISC. PRIMARY METALS — SIC 331,2,9				
1977	5.2	-	-	-
1978	5.6	-	-	-
1979	6.3	-	-	-
1980	6.4	-	-	-
1981	5.8	-	-	-
NONFERROUS METALS, SMELTING, REFINING, ROLLING, DRAWING, AND CASTING — SIC 333-6				
1977	4.5	-	-	-
1978	4.8	-	-	-
1979	4.8	-	-	-
1980	4.6	-	-	-
1981	4.4	-	-	-
FABRICATED METAL PRODUCTS — SIC 34				
1977	11.7	244.72	38.0	6.44
1978	13.2	263.20	38.2	6.89
1979	13.7	279.34	37.8	7.39
1980	12.7	309.75	37.5	8.26
1981	11.2	343.33	37.4	9.18
FABRICATED STRUCTURAL METAL PRODUCTS — SIC 344				
1977	5.0	-	-	-
1978	5.8	-	-	-
1979	5.7	-	-	-
1980	5.0	-	-	-
1981	4.4	-	-	-
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	13.5	267.14	38.0	7.03
1978	15.4	289.92	38.4	7.55
1979	17.3	310.46	38.0	8.17
1980	17.7	333.98	37.4	8.93
1981	18.0	366.82	37.7	9.73
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	4.6	-	-	-
1978	6.1	-	-	-
STATEWIDE (Con.)				
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36 (Con.)				
1979	8.6	-	-	-
1980	9.8	-	-	-
1981	10.0	-	-	-
TRANSPORTATION EQUIPMENT — SIC 37				
1977	9.9	-	-	-
1978	12.0	-	-	-
1979	12.2	-	-	-
1980	10.3	-	-	-
1981	9.0	-	-	-
INSTRUMENTS AND RELATED PRODUCTS — SIC 38				
1977	14.2	-	-	-
1978	17.1	-	-	-
1979	18.2	-	-	-
1980	19.3	-	-	-
1981	17.4	-	-	-
MISC. MANUFACTURING INDUSTRIES — SIC 39				
1977	2.2	-	-	-
1978	2.3	-	-	-
1979	2.2	-	-	-
1980	2.2	-	-	-
1981	2.5	-	-	-
NONDURABLE GOODS				
1977	54.0	229.15	37.2	6.16
1978	54.0	241.60	37.4	6.46
1979	56.7	268.53	37.4	7.18
1980	55.5	301.01	37.3	8.07
1981	54.8	328.74	37.7	8.72
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	24.1	204.57	36.4	5.62
1978	24.4	220.93	36.7	6.02
1979	25.2	236.96	36.4	6.51
1980	24.3	263.18	36.3	7.25
1981	24.1	286.31	35.7	8.02
CANNED, CURED, AND FROZEN FOODS — SIC 203,2091,2				
1977	13.4	165.52	34.7	4.77
1978	14.0	181.98	35.2	5.17
1979	14.9	195.58	34.8	5.62
1980	14.1	218.75	35.0	6.25
1981	13.6	235.96	34.0	6.94
TEXTILE MILL PRODUCTS — SIC 22				
1977	2.1	141.30	36.7	3.85
1978	2.2	151.25	36.8	4.11
1979	2.2	164.05	36.7	4.47
1980	2.0	170.88	35.6	4.80
1981	1.8	189.07	36.5	5.18
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	3.4	128.49	35.3	3.64
1978	3.4	142.00	35.5	4.00
1979	3.5	149.80	34.2	4.38
1980	3.2	160.27	33.6	4.77
1981	2.8	172.53	34.3	5.03
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	10.4	320.80	40.1	8.00
1978	8.8	337.01	40.8	8.26
1979	9.8	389.87	41.3	9.44
1980	10.4	432.82	41.3	10.48
1981	10.3	475.07	41.6	11.42

See footnotes at end of tables.

OREGON

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Production or nonsupervisory workers: Average weekly hours	Production or nonsupervisory workers: Average hourly earnings (dollars)
STATEWIDE (Con.)				
PRINTING AND PUBLISHING — SIC 27				
1977	8.8	249.90	35.7	7.00
1978	9.5	260.61	35.7	7.30
1979	10.0	292.50	36.2	8.08
1980	10.0	316.13	35.6	8.88
1981	10.3	351.24	35.3	9.95
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	2.3	-	-	-
1978	2.4	-	-	-
1979	2.4	-	-	-
1980	2.3	-	-	-
1981	2.2	-	-	-
PETROLEUM AND COAL PRODUCTS — SIC 29				
1977	.5	-	-	-
1978	.6	-	-	-
1979	.7	-	-	-
1980	.6	-	-	-
1981	.5	-	-	-
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS — SIC 30				
1977	2.1	-	-	-
1978	2.4	-	-	-
1979	2.6	-	-	-
1980	2.4	-	-	-
1981	2.5	-	-	-
LEATHER AND LEATHER PRODUCTS — SIC 31				
1977	.3	-	-	-
1978	.3	-	-	-
1979	.3	-	-	-
1980	.3	-	-	-
1981	.3	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	53.7	-	-	-
1978	56.9	-	-	-
1979	60.0	-	-	-
1980	60.5	-	-	-
1981	59.7	-	-	-
TRANSPORTATION — SIC 40-42,44-47				
1977	32.9	-	-	-
1978	34.6	-	-	-
1979	36.0	-	-	-
1980	35.4	-	-	-
1981	34.4	-	-	-
RAILROAD TRANSPORTATION — SIC 40				
1977	7.3	-	-	-
1978	7.5	-	-	-
1979	7.6	-	-	-
1980	7.3	-	-	-
1981	6.9	-	-	-
TRUCKING AND WAREHOUSING — SIC 42				
1977	16.6	-	-	-
1978	17.5	-	-	-
1979	18.1	-	-	-
1980	17.6	-	-	-
1981	17.0	-	-	-
COMMUNICATION — SIC 48				
1977	13.3	-	-	-
1978	14.5	-	-	-
1979	15.8	-	-	-
1980	16.3	-	-	-
1981	16.2	-	-	-
ELECTRIC, GAS, AND SANITARY SERVICES — SIC 49				
1977	7.5	-	-	-
1978	7.8	-	-	-
1979	8.2	-	-	-
1980	8.8	-	-	-
1981	9.1	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Production or nonsupervisory workers: Average weekly hours	Production or nonsupervisory workers: Average hourly earnings (dollars)
STATEWIDE (Con.)				
WHOLESALE AND RETAIL TRADE				
1977	225.7	191.25	34.9	5.48
1978	245.6	205.67	34.8	5.91
1979	256.8	225.25	34.6	6.51
1980	255.6	244.26	34.5	7.08
1981	253.7	266.42	34.6	7.70
WHOLESALE TRADE — SIC 50,51				
1977	58.5	239.65	37.8	6.34
1978	63.2	263.42	38.4	6.86
1979	67.0	288.78	38.3	7.54
1980	67.4	315.02	38.0	8.29
1981	67.1	349.44	37.9	9.22
WHOLESALE TRADE - DURABLE GOODS — SIC 50				
1977	36.2	-	-	-
1978	39.9	-	-	-
1979	42.7	-	-	-
1980	42.2	-	-	-
1981	40.8	-	-	-
WHOLESALE TRADE - NONDURABLE GOODS — SIC 51				
1977	22.3	-	-	-
1978	23.3	-	-	-
1979	24.3	-	-	-
1980	25.2	-	-	-
1981	26.3	-	-	-
RETAIL TRADE — SIC 52-59				
1977	167.2	167.00	33.4	5.00
1978	182.4	176.88	33.0	5.36
1979	189.8	191.69	32.6	5.88
1980	188.2	205.71	32.6	6.31
1981	186.6	221.07	32.8	6.74
GENERAL MERCHANDISE STORES — SIC 53				
1977	26.2	-	-	-
1978	27.6	-	-	-
1979	28.1	-	-	-
1980	27.9	-	-	-
1981	24.8	-	-	-
FOOD STORES — SIC 54				
1977	21.3	-	-	-
1978	22.0	-	-	-
1979	23.5	-	-	-
1980	24.6	-	-	-
1981	26.8	-	-	-
AUTOMOTIVE DEALERS AND SERVICE STATIONS — SIC 55				
1977	24.7	-	-	-
1978	26.5	-	-	-
1979	25.6	-	-	-
1980	23.8	-	-	-
1981	22.9	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	57.6	-	-	-
1978	64.2	-	-	-
1979	69.1	-	-	-
1980	70.0	-	-	-
1981	68.4	-	-	-
BANKING, AND CREDIT AGENCIES — SIC 60,61				
1977	20.5	-	-	-
1978	22.4	-	-	-
1979	24.3	-	-	-
1980	24.8	-	-	-
1981	25.3	-	-	-
SERVICES				
1977	162.6	-	-	-
1978	175.5	-	-	-
1979	185.7	-	-	-
1980	191.4	-	-	-
1981	192.2	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Production or nonsupervisory workers: Average weekly hours	Production or nonsupervisory workers: Average hourly earnings (dollars)
STATEWIDE (Con.)				
HOTELS AND OTHER LODGING PLACES, AND PERSONAL SERVICES — SIC 70,72				
1977	22.1	-	-	-
1978	23.9	-	-	-
1979	24.7	-	-	-
1980	24.6	-	-	-
1981	24.5	-	-	-
HEALTH SERVICES — SIC 80				
1977	53.6	-	-	-
1978	56.5	-	-	-
1979	59.6	-	-	-
1980	62.1	-	-	-
1981	64.3	-	-	-
GOVERNMENT				
1977	186.8	-	-	-
1978	197.1	-	-	-
1979	200.7	-	-	-
1980	203.2	-	-	-
1981	202.2	-	-	-
FEDERAL GOVERNMENT				
1977	27.7	-	-	-
1978	29.1	-	-	-
1979	29.9	-	-	-
1980	30.8	-	-	-
1981	29.9	-	-	-
STATE GOVERNMENT				
1977	52.1	-	-	-
1978	53.6	-	-	-
1979	54.4	-	-	-
1980	55.3	-	-	-
1981	53.2	-	-	-
STATE EDUCATION — SIC 82,941				
1977	22.6	-	-	-
1978	23.0	-	-	-
1979	23.0	-	-	-
1980	23.1	-	-	-
1981	22.5	-	-	-
LOCAL GOVERNMENT				
1977	107.0	-	-	-
1978	114.4	-	-	-
1979	116.4	-	-	-
1980	117.1	-	-	-
1981	119.1	-	-	-
LOCAL EDUCATION — SIC 82,941				
1977	66.1	-	-	-
1978	68.2	-	-	-
1979	70.2	-	-	-
1980	71.1	-	-	-
1981	72.7	-	-	-
EUGENE-SPRINGFIELD				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	96.0	-	-	-
1978	103.2	-	-	-
1979	105.5	-	-	-
1980	102.9	-	-	-
1981	100.6	-	-	-
CONSTRUCTION				
1977	4.9	-	-	-
1978	5.6	-	-	-
1979	5.7	-	-	-
1980	4.6	-	-	-
1981	3.7	-	-	-
MANUFACTURING				
1977	20.7	280.89	40.3	6.97
1978	21.2	315.09	40.5	7.78
1979	21.2	331.35	39.4	8.41
1980	19.8	360.24	39.5	9.12
1981	18.9	373.21	38.2	9.77

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
EUGENE-SPRINGFIELD (Con.)				
DURABLE GOODS				
1977	17.2	286.53	40.7	7.04
1978	17.6	323.90	41.0	7.90
1979	17.8	339.49	39.8	8.53
1980	16.3	367.08	39.9	9.20
1981	15.0	380.38	38.5	9.88
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	14.2	293.04	41.1	7.13
1978	14.3	331.55	41.6	7.97
1979	14.3	347.84	40.4	8.61
1980	12.9	375.44	40.5	9.27
1981	11.8	388.78	38.8	10.02
LOGGING CAMPS AND LOGGING CONTRACTORS — SIC 241				
1977	2.4	-	-	-
1978	2.4	-	-	-
1979	2.3	-	-	-
1980	2.2	-	-	-
1981	2.0	-	-	-
LOGGING CAMPS, SAWMILLS AND PLANING MILLS — SIC 241,2				
1977	-	301.35	41.0	7.35
1978	-	344.84	41.9	8.23
1979	-	364.34	40.8	8.93
1980	-	390.31	40.7	9.59
1981	-	400.24	38.3	10.45
SAWMILLS AND PLANING MILLS — SIC 242				
1977	5.0	-	-	-
1978	5.0	-	-	-
1979	5.2	-	-	-
1980	4.8	-	-	-
1981	4.3	-	-	-
MILLWORK, PLYWOOD AND STRUCTURAL MEMBERS — SIC 243				
1977	-	287.18	41.5	6.92
1978	-	323.29	41.5	7.79
1979	-	333.56	39.9	8.36
1980	-	362.96	40.6	8.94
1981	-	379.20	39.5	9.60
NONDURABLE GOODS				
1977	3.5	244.50	37.5	6.52
1978	3.6	261.32	37.6	6.95
1979	3.4	280.78	36.8	7.63
1980	3.5	319.80	37.1	8.62
1981	3.7	337.45	36.6	9.22
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	1.6	210.86	35.8	5.89
1978	1.6	233.24	37.2	6.27
1979	1.5	253.60	36.7	6.91
1980	1.5	275.48	36.2	7.61
1981	1.6	295.12	36.3	8.13
TRANSPORTATION AND PUBLIC UTILITIES				
1977	4.8	-	-	-
1978	5.1	-	-	-
1979	5.3	-	-	-
1980	5.1	-	-	-
1981	5.0	-	-	-
TRANSPORTATION — SIC 40-42,44-47				
1977	3.2	-	-	-
1978	3.4	-	-	-
1979	3.5	-	-	-
1980	3.3	-	-	-
1981	3.2	-	-	-
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	1.6	-	-	-
1978	1.7	-	-	-
1979	1.8	-	-	-
1980	1.8	-	-	-
1981	1.8	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
EUGENE-SPRINGFIELD (Con.)				
WHOLESALE AND RETAIL TRADE				
1977	23.3	-	-	-
1978	25.8	-	-	-
1979	26.2	-	-	-
1980	25.7	-	-	-
1981	25.3	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	5.0	-	-	-
1978	5.4	-	-	-
1979	5.6	-	-	-
1980	5.4	-	-	-
1981	5.2	-	-	-
RETAIL TRADE — SIC 52-59				
1977	18.3	-	-	-
1978	20.4	-	-	-
1979	20.6	-	-	-
1980	20.3	-	-	-
1981	20.1	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	4.6	-	-	-
1978	5.1	-	-	-
1979	5.4	-	-	-
1980	5.5	-	-	-
1981	5.5	-	-	-
SERVICES AND MINING				
1977	16.9	-	-	-
1978	18.4	-	-	-
1979	19.4	-	-	-
1980	19.7	-	-	-
1981	19.5	-	-	-
GOVERNMENT				
1977	20.8	-	-	-
1978	22.0	-	-	-
1979	22.2	-	-	-
1980	22.5	-	-	-
1981	22.7	-	-	-
FEDERAL GOVERNMENT				
1977	1.9	-	-	-
1978	2.0	-	-	-
1979	2.2	-	-	-
1980	2.4	-	-	-
1981	2.4	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	18.9	-	-	-
1978	20.0	-	-	-
1979	20.0	-	-	-
1980	20.1	-	-	-
1981	20.2	-	-	-
STATE AND LOCAL EDUCATION — SIC 82,941				
1977	13.0	-	-	-
1978	13.3	-	-	-
1979	13.5	-	-	-
1980	13.7	-	-	-
1981	13.8	-	-	-
JACKSON COUNTY				
MANUFACTURING				
1977	7.8	261.58	39.1	6.69
1978	8.1	285.64	38.6	7.40
1979	8.3	313.56	39.0	8.04
1980	7.7	333.21	38.3	8.70
1981	7.3	339.97	37.4	9.09
DURABLE GOODS				
1977	6.7	266.27	39.1	6.81
1978	6.9	291.06	38.5	7.56
1979	6.9	323.36	39.1	8.27
1980	6.3	340.86	38.0	8.97
1981	5.9	342.78	36.7	9.34

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
JACKSON COUNTY (Con.)				
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	5.7	270.18	39.1	6.91
1978	5.8	297.59	38.3	7.77
1979	5.6	331.57	39.1	8.48
1980	5.0	350.36	38.0	9.22
1981	4.7	351.50	36.5	9.63
LOGGING CAMPS, SAWMILLS AND PLANING MILLS — SIC 241,2				
1977	1.7	281.78	38.6	7.30
1978	1.8	313.12	38.0	8.24
1979	1.9	356.61	39.8	8.96
1980	1.8	365.91	37.3	9.81
1981	1.6	379.54	36.6	10.37
HARDWOOD AND SOFTWOOD VENEER AND PLYWOOD — SIC 2435,6				
1977	2.7	295.20	40.0	7.38
1978	2.7	313.73	38.4	8.17
1979	2.5	340.66	38.8	8.78
1980	2.1	371.91	38.5	9.66
1981	1.9	364.00	36.4	10.00
NONDURABLE GOODS				
1977	1.1	221.48	39.2	5.65
1978	1.2	243.97	39.8	6.13
1979	1.4	255.19	39.2	6.51
1980	1.4	284.80	40.0	7.12
1981	1.4	320.85	41.4	7.75
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	.4	204.58	37.4	5.47
1978	.4	224.48	36.5	6.15
1979	.5	229.55	35.7	6.43
1980	.5	262.97	37.3	7.05
1981	.5	281.98	37.2	7.58
PRINTING AND PUBLISHING — SIC 27				
1977	-	215.97	37.3	5.79
1978	-	228.10	38.4	5.94
1979	-	236.23	38.6	6.12
1980	-	253.17	37.9	6.68
1981	-	282.62	38.4	7.36
PORTLAND				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	487.8	-	-	-
1978	526.6	-	-	-
1979	554.0	-	-	-
1980	556.7	-	-	-
1981	545.5	-	-	-
CONSTRUCTION				
1977	22.7	-	-	-
1978	26.1	-	-	-
1979	28.0	-	-	-
1980	24.9	-	-	-
1981	21.5	-	-	-
MANUFACTURING				
1977	98.9	247.04	38.3	6.45
1978	107.7	266.19	38.3	6.95
1979	115.2	292.59	37.9	7.72
1980	114.1	325.66	38.0	8.57
1981	107.7	362.71	38.1	9.52
DURABLE GOODS				
1977	67.7	248.18	38.3	6.48
1978	77.4	268.42	38.4	6.99
1979	83.5	292.98	38.0	7.71
1980	82.6	327.08	38.3	8.54
1981	76.8	366.14	38.5	9.51
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	10.6	260.09	40.2	6.47
1978	10.9	291.20	40.0	7.28
1979	10.4	331.63	40.1	8.27

See footnotes at end of tables.

OREGON

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
PORTLAND (Con.)				
LUMBER AND WOOD PRODUCTS — SIC 24 (Con.)				
1980	9.1	354.51	39.0	9.09
1981	8.4	369.02	38.4	9.61
HARDWOOD AND SOFTWOOD VENEER AND PLYWOOD — SIC 2435,6				
1977	2.8	336.36	44.2	7.61
1978	2.6	369.78	43.3	8.54
1979	2.5	439.93	43.3	10.16
1980	2.4	431.04	42.3	10.19
1981	2.3	400.90	42.2	9.50
FURNITURE AND FIXTURES — SIC 25				
1977	2.2	188.50	35.3	5.34
1978	2.3	193.23	34.2	5.65
1979	2.0	217.47	33.0	6.59
1980	1.8	221.83	31.6	7.02
1981	1.6	239.93	31.2	7.69
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	2.3	-	-	-
1978	2.5	-	-	-
1979	2.7	-	-	-
1980	2.9	-	-	-
1981	2.4	-	-	-
PRIMARY METAL INDUSTRIES — SIC 33				
1977	7.2	298.31	39.2	7.61
1978	7.7	324.39	39.9	8.13
1979	8.3	352.63	39.4	8.95
1980	8.1	389.16	38.8	10.03
1981	7.5	433.35	38.9	11.14
BLAST FURNACES, IRON AND STEEL FOUNDRIES, AND MISC. PRIMARY METALS — SIC 331,2,9				
1977	4.4	-	-	-
1978	4.8	-	-	-
1979	5.3	-	-	-
1980	5.4	-	-	-
1981	4.8	-	-	-
NONFERROUS METALS, SMELTING, REFINING, ROLLING, DRAWING, AND CASTING — SIC 333-6				
1977	2.8	-	-	-
1978	2.9	-	-	-
1979	3.0	-	-	-
1980	2.7	-	-	-
1981	2.7	-	-	-
FABRICATED METAL PRODUCTS — SIC 34				
1977	9.2	243.70	37.9	6.43
1978	10.5	263.89	38.3	6.89
1979	10.9	274.88	37.5	7.33
1980	10.3	309.14	37.7	8.20
1981	9.2	345.54	37.6	9.19
FABRICATED STRUCTURAL METAL PRODUCTS — SIC 344				
1977	3.6	-	-	-
1978	4.1	-	-	-
1979	3.9	-	-	-
1980	3.6	-	-	-
1981	3.3	-	-	-
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	9.8	275.65	37.2	7.41
1978	11.0	292.72	37.1	7.89
1979	12.3	306.60	36.5	8.40
1980	12.7	337.46	36.8	9.17
1981	12.8	384.31	37.9	10.14
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	3.1	-	-	-
1978	4.3	-	-	-
1979	6.6	-	-	-
1980	7.3	-	-	-
1981	7.6	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
PORTLAND (Con.)				
TRANSPORTATION EQUIPMENT — SIC 37				
1977	8.2	-	-	-
1978	10.0	-	-	-
1979	10.5	-	-	-
1980	9.2	-	-	-
1981	7.7	-	-	-
INSTRUMENTS AND RELATED PRODUCTS — SIC 38				
1977	13.7	-	-	-
1978	16.7	-	-	-
1979	18.3	-	-	-
1980	19.5	-	-	-
1981	17.8	-	-	-
MISC. MANUFACTURING INDUSTRIES — SIC 39				
1977	1.4	-	-	-
1978	1.5	-	-	-
1979	1.5	-	-	-
1980	1.5	-	-	-
1981	1.8	-	-	-
NONDURABLE GOODS				
1977	31.2	245.12	38.3	6.40
1978	30.3	260.30	38.0	6.85
1979	31.7	290.25	37.5	7.74
1980	31.5	320.42	37.0	8.66
1981	30.9	352.98	37.0	9.54
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	8.6	261.12	38.4	6.80
1978	8.3	285.96	38.8	7.37
1979	8.5	300.47	37.7	7.97
1980	8.3	342.40	38.3	8.94
1981	8.5	369.84	37.7	9.81
TEXTILE MILL PRODUCTS — SIC 22				
1977	2.4	144.20	36.6	3.94
1978	2.4	156.51	37.0	4.23
1979	2.3	166.98	36.3	4.60
1980	2.2	175.44	35.3	4.97
1981	2.0	185.67	34.9	5.32
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	3.1	125.31	35.1	3.57
1978	3.1	140.98	35.6	3.96
1979	3.2	149.64	34.8	4.30
1980	2.9	157.85	33.8	4.67
1981	2.7	176.93	35.6	4.97
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	7.7	289.57	40.9	7.08
1978	6.3	310.44	39.8	7.80
1979	6.9	360.52	38.6	9.34
1980	7.5	388.88	37.5	10.37
1981	7.4	426.36	37.4	11.40
PRINTING AND PUBLISHING — SIC 27				
1977	5.2	288.35	36.5	7.90
1978	5.6	289.24	36.2	7.99
1979	6.0	327.57	36.6	8.95
1980	6.1	356.64	35.7	9.99
1981	6.0	407.21	36.1	11.28
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	1.9	-	-	-
1978	2.0	-	-	-
1979	1.9	-	-	-
1980	1.9	-	-	-
1981	1.8	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	32.1	-	-	-
1978	34.0	-	-	-
1979	35.8	-	-	-
1980	36.6	-	-	-
1981	36.5	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
PORTLAND (Con.)				
TRANSPORTATION — SIC 40-42,44-47				
1977	20.4	-	-	-
1978	21.4	-	-	-
1979	22.1	-	-	-
1980	22.0	-	-	-
1981	21.8	-	-	-
TRUCKING AND WAREHOUSING — SIC 42				
1977	10.4	-	-	-
1978	10.8	-	-	-
1979	11.0	-	-	-
1980	10.9	-	-	-
1981	10.5	-	-	-
COMMUNICATION — SIC 48				
1977	7.6	-	-	-
1978	8.3	-	-	-
1979	9.2	-	-	-
1980	9.7	-	-	-
1981	9.5	-	-	-
ELECTRIC, GAS, AND SANITARY SERVICES — SIC 49				
1977	4.1	-	-	-
1978	4.3	-	-	-
1979	4.5	-	-	-
1980	4.9	-	-	-
1981	5.2	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	124.1	-	-	-
1978	135.1	-	-	-
1979	142.0	-	-	-
1980	142.3	-	-	-
1981	141.8	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	39.1	-	-	-
1978	42.7	-	-	-
1979	45.4	-	-	-
1980	45.5	-	-	-
1981	45.4	-	-	-
WHOLESALE TRADE - DURABLE GOODS — SIC 50				
1977	26.7	-	-	-
1978	29.2	-	-	-
1979	31.5	-	-	-
1980	31.2	-	-	-
1981	30.2	-	-	-
WHOLESALE TRADE - NONDURABLE GOODS — SIC 51				
1977	12.4	-	-	-
1978	13.5	-	-	-
1979	13.9	-	-	-
1980	14.3	-	-	-
1981	15.2	-	-	-
RETAIL TRADE — SIC 52-59				
1977	85.0	-	-	-
1978	92.4	-	-	-
1979	96.6	-	-	-
1980	96.8	-	-	-
1981	96.4	-	-	-
GENERAL MERCHANDISE STORES — SIC 53				
1977	16.7	-	-	-
1978	17.2	-	-	-
1979	17.6	-	-	-
1980	17.2	-	-	-
1981	14.7	-	-	-
FOOD STORES — SIC 54				
1977	9.9	-	-	-
1978	10.5	-	-	-
1979	11.0	-	-	-
1980	11.6	-	-	-
1981	13.1	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
PORTLAND (Con.)				
AUTOMOTIVE DEALERS AND SERVICE STATIONS — SIC 55				
1977	10.9	-	-	-
1978	11.7	-	-	-
1979	11.2	-	-	-
1980	10.8	-	-	-
1981	10.4	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	37.2	-	-	-
1978	40.9	-	-	-
1979	44.5	-	-	-
1980	45.7	-	-	-
1981	45.4	-	-	-
BANKING, AND CREDIT AGENCIES — SIC 60,61				
1977	13.0	-	-	-
1978	14.2	-	-	-
1979	15.3	-	-	-
1980	15.5	-	-	-
1981	15.9	-	-	-
SERVICES AND MINING				
1977	96.2	-	-	-
1978	102.4	-	-	-
1979	107.3	-	-	-
1980	111.2	-	-	-
1981	111.6	-	-	-
HOTELS AND OTHER LODGING PLACES, AND PERSONAL SERVICES — SIC 70,72				
1977	10.4	-	-	-
1978	11.2	-	-	-
1979	12.0	-	-	-
1980	12.2	-	-	-
1981	12.0	-	-	-
HEALTH SERVICES — SIC 80				
1977	30.7	-	-	-
1978	32.1	-	-	-
1979	33.6	-	-	-
1980	35.2	-	-	-
1981	36.6	-	-	-
GOVERNMENT				
1977	76.6	-	-	-
1978	80.4	-	-	-
1979	81.2	-	-	-
1980	81.9	-	-	-
1981	81.0	-	-	-
FEDERAL GOVERNMENT				
1977	14.8	-	-	-
1978	15.5	-	-	-
1979	15.7	-	-	-
1980	16.3	-	-	-
1981	16.0	-	-	-
STATE GOVERNMENT				
1977	15.1	-	-	-
1978	15.3	-	-	-
1979	15.7	-	-	-
1980	16.0	-	-	-
1981	15.4	-	-	-
STATE EDUCATION — SIC 82,941				
1977	6.3	-	-	-
1978	6.1	-	-	-
1979	6.0	-	-	-
1980	5.8	-	-	-
1981	5.3	-	-	-
LOCAL GOVERNMENT				
1977	46.7	-	-	-
1978	49.6	-	-	-
1979	49.8	-	-	-
1980	49.6	-	-	-
1981	49.6	-	-	-
PORTLAND (Con.)				
LOCAL EDUCATION — SIC 82,941				
1977	29.2	-	-	-
1978	30.2	-	-	-
1979	30.4	-	-	-
1980	30.4	-	-	-
1981	30.5	-	-	-
SALEM				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	80.8	-	-	-
1978	86.5	-	-	-
1979	89.9	-	-	-
1980	88.3	-	-	-
1981	86.6	-	-	-
CONSTRUCTION				
1977	4.2	-	-	-
1978	4.8	-	-	-
1979	5.2	-	-	-
1980	4.2	-	-	-
1981	3.4	-	-	-
MANUFACTURING				
1977	13.9	-	-	-
1978	14.6	-	-	-
1979	15.4	-	-	-
1980	14.3	-	-	-
1981	13.8	-	-	-
DURABLE GOODS				
1977	6.7	-	-	-
1978	7.5	-	-	-
1979	7.8	-	-	-
1980	6.8	-	-	-
1981	6.5	-	-	-
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	3.8	-	-	-
1978	4.0	-	-	-
1979	4.2	-	-	-
1980	3.5	-	-	-
1981	3.4	-	-	-
NONDURABLE GOODS				
1977	7.2	-	-	-
1978	7.1	-	-	-
1979	7.6	-	-	-
1980	7.5	-	-	-
1981	7.3	-	-	-
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	4.9	-	-	-
1978	5.0	-	-	-
1979	5.1	-	-	-
1980	5.0	-	-	-
1981	4.8	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	3.0	-	-	-
1978	3.1	-	-	-
1979	2.8	-	-	-
1980	2.8	-	-	-
1981	2.8	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	16.6	-	-	-
1978	18.3	-	-	-
1979	19.1	-	-	-
1980	19.2	-	-	-
1981	18.9	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	4.7	-	-	-
1978	5.3	-	-	-
1979	5.6	-	-	-
1980	5.6	-	-	-
1981	5.6	-	-	-
SALEM (Con.)				
SERVICES AND MINING				
1977	12.6	-	-	-
1978	13.8	-	-	-
1979	14.5	-	-	-
1980	14.8	-	-	-
1981	15.4	-	-	-
GOVERNMENT				
1977	25.8	-	-	-
1978	26.6	-	-	-
1979	27.3	-	-	-
1980	27.4	-	-	-
1981	26.7	-	-	-
FEDERAL GOVERNMENT				
1977	1.5	-	-	-
1978	1.6	-	-	-
1979	1.6	-	-	-
1980	1.8	-	-	-
1981	1.5	-	-	-
STATE GOVERNMENT				
1977	14.7	-	-	-
1978	14.8	-	-	-
1979	15.3	-	-	-
1980	15.3	-	-	-
1981	14.5	-	-	-
LOCAL GOVERNMENT				
1977	9.6	-	-	-
1978	10.2	-	-	-
1979	10.4	-	-	-
1980	10.3	-	-	-
1981	10.7	-	-	-

See footnotes at end of tables.

PENNSYLVANIA

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Production or nonsupervisory workers: Average weekly hours	Production or nonsupervisory workers: Average hourly earnings (dollars)
STATEWIDE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	4,565.2	-	-	-
1978	4,716.2	-	-	-
1979	4,806.1	-	-	-
1980	4,753.1	-	-	-
1981	4,724.2	-	-	-
TOTAL PRIVATE				
1977	3,854.3	-	-	-
1978	3,995.5	-	-	-
1979	4,085.4	-	-	-
1980	4,029.8	-	-	-
1981	4,018.8	-	-	-
MINING				
1977	48.0	-	-	-
1978	46.8	-	-	-
1979	51.7	-	-	-
1980	49.0	-	-	-
1981	45.2	-	-	-
ANTHRACITE MINING — SIC 11				
1977	3.4	297.73	42.9	6.94
1978	3.2	299.84	41.3	7.26
1979	3.2	344.83	44.9	7.68
1980	3.5	370.64	45.2	8.20
1981	3.4	398.98	43.7	9.13
BITUMINOUS COAL AND LIGNITE MINING — SIC 12				
1977	36.3	350.28	41.8	8.38
1978	35.0	357.46	36.7	9.74
1979	39.9	355.04	33.4	10.63
1980	36.6	351.37	31.4	11.19
1981	32.1	483.20	40.3	11.99
NONMETALLIC MINERALS, EXCEPT FUELS — SIC 14				
1977	4.4	265.96	44.4	5.99
1978	4.5	302.88	46.1	6.57
1979	4.7	327.21	45.7	7.16
1980	4.6	343.10	44.1	7.78
1981	4.3	369.73	43.6	8.48
CONSTRUCTION				
1977	183.9	-	-	-
1978	200.1	-	-	-
1979	204.2	-	-	-
1980	190.1	-	-	-
1981	182.5	-	-	-
GENERAL BUILDING CONTRACTORS — SIC 15				
1977	49.8	-	-	-
1978	56.7	-	-	-
1979	56.9	-	-	-
1980	51.4	-	-	-
1981	48.6	-	-	-
HEAVY CONSTRUCTION CONTRACTORS — SIC 16				
1977	38.7	-	-	-
1978	36.7	-	-	-
1979	38.9	-	-	-
1980	39.1	-	-	-
1981	38.0	-	-	-
SPECIAL TRADE CONTRACTORS — SIC 17				
1977	95.4	-	-	-
1978	106.7	-	-	-
1979	108.4	-	-	-
1980	99.5	-	-	-
1981	95.9	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Production or nonsupervisory workers: Average weekly hours	Production or nonsupervisory workers: Average hourly earnings (dollars)
STATEWIDE (Con.)				
MANUFACTURING				
1977	1,341.9	[1] 231.08	[1] 39.5	[1] 5.85
1978	1,367.8	254.80	40.0	6.37
1979	1,386.8	278.10	39.9	6.97
1980	1,328.2	294.49	38.8	7.59
1981	1,299.8	325.36	39.2	8.30
DURABLE GOODS				
1977	809.7	[1] 260.48	[1] 40.7	[1] 6.40
1978	827.6	289.10	41.3	7.00
1979	853.9	316.83	41.2	7.69
1980	814.7	332.64	39.6	8.40
1981	790.6	370.64	40.2	9.22
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	21.2	178.70	39.8	4.49
1978	21.9	189.77	39.7	4.78
1979	23.0	198.63	39.1	5.08
1980	20.6	219.96	39.0	5.64
1981	19.7	251.07	40.3	6.23
MILLWORK, PLYWOOD AND STRUCTURAL MEMBERS — SIC 243				
1977	6.7	194.27	41.6	4.67
1978	7.0	204.82	40.8	5.02
1979	7.4	207.37	39.2	5.29
1980	6.9	219.27	38.2	5.74
1981	6.5	259.54	40.3	6.45
FURNITURE AND FIXTURES — SIC 25				
1977	18.9	187.40	38.8	4.83
1978	20.1	208.03	39.4	5.28
1979	20.2	220.52	39.1	5.64
1980	18.8	244.22	39.2	6.23
1981	18.7	263.55	38.7	6.81
HOUSEHOLD FURNITURE — SIC 251				
1977	9.3	168.90	38.3	4.41
1978	9.7	188.46	39.1	4.82
1979	9.6	190.27	38.8	5.11
1980	8.8	216.55	38.6	5.61
1981	8.9	241.25	38.6	6.25
OFFICE FURNITURE — SIC 252				
1977	4.2	216.68	40.2	5.39
1978	4.9	231.95	40.2	5.77
1979	5.1	236.68	38.8	6.10
1980	4.8	260.35	38.8	6.71
1981	4.6	278.78	38.4	7.26
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	62.3	237.92	40.6	5.86
1978	63.7	258.55	41.7	6.44
1979	64.7	302.60	42.5	7.12
1980	59.0	316.11	41.0	7.71
1981	56.8	352.80	41.9	8.42
GLASS AND GLASSWARE, PRESSED OR BLOWN — SIC 322				
1977	16.8	226.69	39.7	5.71
1978	16.9	260.18	40.4	6.44
1979	16.5	282.91	40.3	7.02
1980	15.1	277.49	36.9	7.52
1981	15.1	341.07	40.7	8.38
GLASS CONTAINERS — SIC 3221				
1977	9.2	240.37	39.6	6.07
1978	9.3	276.04	41.2	6.70
1979	8.9	300.25	41.3	7.27

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Production or nonsupervisory workers: Average weekly hours	Production or nonsupervisory workers: Average hourly earnings (dollars)
STATEWIDE (Con.)				
GLASS CONTAINERS — SIC 3221 (Con.)				
1980	7.5	269.39	34.1	7.90
1981	7.6	367.09	41.2	8.91
PRESSED AND BLOWN GLASS, NEC — SIC 3229				
1977	7.6	211.07	39.9	5.29
1978	7.7	240.73	39.4	6.11
1979	7.7	263.42	39.2	6.72
1980	7.6	285.84	39.7	7.20
1981	7.6	314.77	40.2	7.83
CEMENT, HYDRAULIC — SIC 324				
1977	3.3	308.07	39.7	7.76
1978	3.3	348.55	41.2	8.46
1979	3.5	385.70	40.6	9.50
1980	2.6	436.18	41.7	10.46
1981	2.2	503.01	43.4	11.59
STRUCTURAL CLAY PRODUCTS — SIC 325				
1977	6.4	214.03	39.2	5.46
1978	6.5	237.80	39.9	5.96
1979	6.7	262.81	41.0	6.41
1980	5.9	262.47	39.0	6.73
1981	5.5	297.14	40.1	7.41
POTTERY AND RELATED PRODUCTS — SIC 326				
1977	4.4	233.55	43.9	5.32
1978	4.6	250.27	43.3	5.78
1979	5.2	268.60	42.5	6.32
1980	4.8	283.15	40.8	6.94
1981	4.8	322.07	42.1	7.65
CONCRETE, GYPSUM, AND PLASTER PRODUCTS — SIC 327				
1977	8.5	227.81	40.9	5.57
1978	8.6	253.62	42.2	6.01
1979	8.9	286.14	42.9	6.67
1980	8.0	292.90	40.4	7.25
1981	7.4	334.02	41.7	8.01
PRIMARY METAL INDUSTRIES — SIC 33				
1977	199.6	308.07	39.7	7.76
1978	199.2	356.10	41.6	8.56
1979	204.1	397.16	41.5	9.57
1980	190.2	399.81	37.4	10.69
1981	184.0	450.85	38.6	11.68
BLAST FURNACE AND BASIC STEEL PRODUCTS — SIC 331				
1977	150.3	327.41	39.4	8.31
1978	149.3	382.72	41.6	9.20
1979	151.2	428.49	41.4	10.35
1980	140.3	430.61	36.4	11.83
1981	137.1	487.43	38.2	12.76
BLAST FURNACES AND STEEL MILLS — SIC 3312				
1977	138.2	330.46	39.2	8.43
1978	136.6	386.68	41.4	9.34
1979	138.5	435.30	41.3	10.54
1980	128.6	435.11	35.9	12.12
1981	125.6	494.60	37.9	13.05
IRON AND STEEL FOUNDRIES — SIC 332				
1977	19.9	252.57	39.9	6.33
1978	19.8	272.00	40.0	6.80
1979	21.1	297.14	40.1	7.41
1980	20.2	311.22	39.0	7.98
1981	18.2	342.42	39.0	8.78

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
GRAY IRON FOUNDRIES — SIC 3321				
1977	7.8	237.58	39.4	6.03
1978	8.0	267.04	40.4	6.61
1979	8.4	291.28	40.4	7.21
1980	8.2	301.46	39.1	7.71
1981	7.8	332.54	38.4	8.66
STEEL FOUNDRIES, NEC — SIC 3325				
1977	7.9	263.47	39.5	6.67
1978	7.0	274.77	38.7	7.10
1979	7.6	300.23	39.4	7.62
1980	7.4	313.05	38.6	8.11
1981	6.3	358.90	40.1	8.95
MALLEABLE IRON, AND STEEL INVESTMENT FOUNDRIES — SIC 3322,4				
1977	4.2	256.47	41.5	6.18
1978	4.9	275.64	41.7	6.61
1979	5.1	302.47	40.6	7.45
1980	4.6	327.53	39.7	8.25
1981	4.2	336.98	38.6	8.73
NONFERROUS ROLLING AND DRAWING — SIC 335				
1977	13.1	265.79	42.8	6.21
1978	13.1	294.74	43.6	6.76
1979	13.7	310.48	41.9	7.41
1980	14.0	333.66	41.5	8.04
1981	13.7	350.73	40.5	8.66
NONFERROUS FOUNDRIES — SIC 336				
1977	7.0	241.60	41.8	5.78
1978	7.3	259.14	42.0	6.17
1979	7.8	287.00	42.9	6.69
1980	7.0	297.62	41.8	7.12
1981	7.0	311.64	39.2	7.95
FABRICATED METAL PRODUCTS — SIC 34				
1977	111.3	[1] 246.64	[1] 40.7	[1] 6.06
1978	112.6	264.71	40.6	6.52
1979	118.0	285.93	40.5	7.06
1980	112.8	309.57	40.1	7.72
1981	109.0	341.30	40.2	8.49
METAL CANS AND SHIPPING CONTAINERS — SIC 341				
1977	5.0	306.40	44.6	6.87
1978	5.0	342.29	45.7	7.49
1979	5.0	347.33	43.8	7.93
1980	4.5	354.78	40.5	8.76
1981	4.0	452.88	44.4	10.20
CUTLERY, HAND TOOLS, AND HARDWARE — SIC 342				
1977	7.8	198.18	39.4	5.03
1978	7.7	207.97	38.3	5.43
1979	7.2	225.97	38.3	5.90
1980	6.5	251.65	40.2	6.26
1981	6.2	259.91	39.5	6.58
PLUMBING AND HEATING, EXCEPT ELECTRIC — SIC 343				
1977	3.1	216.80	40.6	5.34
1978	3.0	237.63	40.9	5.81
1979	3.6	276.27	42.7	6.47
1980	3.8	294.79	41.0	7.19
1981	3.6	310.00	40.0	7.75
FABRICATED STRUCTURAL METAL PRODUCTS — SIC 344				
1977	36.0	[1] 233.02	[1] 39.9	[1] 5.84
1978	36.2	246.62	40.1	6.15
1979	37.3	275.53	40.4	6.82
1980	35.8	298.75	40.1	7.45
1981	34.5	324.35	39.7	8.17
FABRICATED STRUCTURAL METAL — SIC 3441				
1977	9.3	267.07	40.1	6.66
1978	9.0	285.44	39.7	7.19
1979	9.3	273.41	35.6	7.68
1980	8.7	293.92	35.2	8.35
1981	8.4	327.10	35.4	9.24
STATEWIDE (Con.)				
FABRICATED PLATE WORK (BOILER SHOPS) — SIC 3443				
1977	11.5	[1] 247.65	[1] 40.4	[1] 6.13
1978	10.9	256.81	42.1	6.10
1979	11.3	297.04	43.3	6.86
1980	11.0	301.18	40.7	7.40
1981	10.6	334.54	40.6	8.24
SCREW MACHINE PRODUCTS, BOLTS, ETC. — SIC 345				
1977	7.7	251.93	42.2	5.97
1978	8.2	260.00	41.6	6.25
1979	9.3	265.43	40.4	6.57
1980	9.3	290.65	40.2	7.23
1981	9.1	311.40	40.6	7.67
METAL FORGINGS AND STAMPINGS — SIC 346				
1977	20.7	307.52	42.3	7.27
1978	21.1	331.89	41.8	7.94
1979	21.8	345.10	40.6	8.50
1980	20.2	371.67	39.0	9.53
1981	19.3	426.80	40.0	10.67
IRON AND STEEL FORGINGS — SIC 3462				
1977	6.6	248.47	40.8	6.09
1978	6.3	292.87	42.2	6.94
1979	6.4	304.79	41.3	7.38
1980	6.0	307.69	37.8	8.14
1981	5.9	357.74	38.8	9.22
METAL FORGINGS AND STAMPINGS, EXCEPT IRON AND STEEL FORGINGS — SIC 3463,5,6,9				
1977	14.1	331.19	42.9	7.72
1978	14.8	346.94	41.7	8.32
1979	15.4	360.37	40.4	8.92
1980	14.2	393.21	39.4	9.98
1981	13.4	452.88	40.4	11.21
METAL SERVICES AND ORDNANCE AND ACCESSORIES, NEC — SIC 347,8				
1977	7.4	222.39	39.5	5.63
1978	8.0	240.58	39.7	6.06
1979	8.3	262.81	39.7	6.62
1980	8.0	287.53	40.9	7.03
1981	8.2	302.84	39.9	7.59
MISC. FABRICATED METAL PRODUCTS — SIC 349				
1977	23.7	224.14	39.6	5.66
1978	23.4	243.32	39.5	6.16
1979	25.5	271.89	40.4	6.73
1980	24.8	290.39	40.5	7.17
1981	24.2	324.41	40.5	8.01
VALVES AND PIPE FITTINGS — SIC 3494				
1977	10.4	228.91	39.4	5.81
1978	10.4	247.98	39.3	6.31
1979	10.6	274.46	40.6	6.76
1980	10.0	301.51	40.8	7.39
1981	9.7	341.14	41.3	9.26
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	134.6	262.92	42.0	6.26
1978	137.8	291.13	42.5	6.85
1979	142.0	311.33	42.3	7.36
1980	144.2	338.60	41.7	8.12
1981	142.9	369.35	41.5	8.90
ENGINES AND TURBINES — SIC 351				
1977	9.8	277.69	41.2	6.74
1978	8.1	297.46	41.2	7.22
1979	8.0	271.32	38.0	7.14
1980	8.9	374.43	42.5	8.81
1981	10.2	420.31	42.2	9.96
FARM AND GARDEN MACHINERY — SIC 352				
1977	3.9	324.55	46.9	6.92
1978	4.2	339.38	45.8	7.41
1979	4.5	380.77	47.3	8.05
1980	4.7	394.24	44.8	8.80
1981	4.5	369.60	40.0	9.24
STATEWIDE (Con.)				
CONSTRUCTION AND RELATED MACHINERY — SIC 353				
1977	24.7	272.06	41.6	6.54
1978	25.4	309.44	42.8	7.23
1979	26.1	318.06	41.2	7.72
1980	26.3	335.36	39.5	8.49
1981	25.9	393.12	42.0	9.36
CONSTRUCTION MACHINERY — SIC 3531				
1977	8.5	276.49	40.6	6.81
1978	9.5	322.71	42.8	7.54
1979	9.0	325.92	41.1	7.93
1980	8.6	336.07	37.3	9.01
1981	8.4	414.83	41.4	10.02
CONVEYORS AND CONVEYING EQUIPMENT — SIC 3535				
1977	3.4	245.10	43.0	5.70
1978	3.7	252.05	41.8	6.03
1979	3.8	250.38	39.0	6.42
1980	3.8	297.89	39.3	7.58
1981	3.8	289.44	36.0	8.04
MINING, AND OIL FIELD MACHINERY, ELEVATORS, HOISTS, CRANES, INDUSTRIAL TRUCKS AND RELATED MACHINERY — SIC 3532-4,6,7				
1977	12.8	271.32	42.0	6.46
1978	12.3	307.59	42.9	7.17
1979	13.3	322.34	41.7	7.73
1980	13.9	341.96	41.2	8.30
1981	13.8	397.63	43.6	9.12
METALWORKING MACHINERY — SIC 354				
1977	19.4	267.07	41.6	6.42
1978	20.6	300.42	41.9	7.17
1979	22.4	309.42	40.5	7.64
1980	23.1	333.20	40.0	8.33
1981	22.3	368.04	40.4	9.11
SPECIAL INDUSTRY MACHINERY — SIC 355				
1977	13.6	242.86	41.8	5.81
1978	14.0	256.82	40.7	6.31
1979	13.4	295.10	41.1	7.18
1980	14.2	326.93	41.7	7.84
1981	13.9	341.34	40.3	8.47
GENERAL INDUSTRIAL MACHINERY — SIC 356				
1977	28.0	259.68	42.5	6.11
1978	28.9	290.78	43.1	6.70
1979	29.1	327.97	44.5	7.37
1980	28.1	358.14	44.6	8.03
1981	27.7	369.28	42.3	8.73
PUMPS AND PUMPING EQUIPMENT — SIC 3561				
1977	3.9	276.49	42.8	6.46
1978	3.9	282.24	42.0	6.72
1979	3.9	305.87	41.9	7.30
1980	4.1	347.87	43.0	8.09
1981	4.1	383.40	42.6	9.00
BALL AND ROLLER BEARINGS — SIC 3562				
1977	4.0	260.42	41.6	6.26
1978	4.3	290.21	41.4	7.01
1979	4.3	323.84	44.0	7.36
1980	4.0	336.07	41.8	8.04
1981	4.0	364.61	40.2	9.07
AIR AND GAS COMPRESSORS — SIC 3563				
1977	4.4	266.25	42.6	6.25
1978	5.2	308.49	45.3	6.81
1979	5.3	361.50	48.2	7.50
1980	5.0	403.24	48.7	8.28
1981	5.1	397.37	44.3	8.97
INDUSTRIAL FURNACES AND OVENS — SIC 3567				
1977	4.0	247.04	39.4	6.27
1978	3.8	274.82	39.6	6.94
1979	4.0	295.14	40.1	7.36
1980	3.9	314.02	39.4	7.97
1981	3.6	344.08	39.1	8.80

See footnotes at end of tables.

PENNSYLVANIA

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
OFFICE AND COMPUTING MACHINES — SIC 357				
1977	12.0	299.75	42.1	7.12
1978	11.9	327.75	43.7	7.50
1979	12.8	349.20	45.0	7.76
1980	13.2	367.50	41.2	8.92
1981	13.3	417.21	42.1	9.91
REFRIGERATION AND SERVICE MACHINERY — SIC 358				
1977	10.9	231.15	41.8	5.53
1978	11.2	243.61	41.5	5.87
1979	11.5	251.31	40.6	6.19
1980	11.4	276.46	40.3	6.86
1981	11.0	323.42	41.2	7.85
MISC. MACHINERY, EXCEPT ELECTRICAL — SIC 359				
1977	12.5	242.86	41.8	5.81
1978	13.4	272.85	42.7	6.39
1979	14.3	300.14	43.0	6.98
1980	14.4	324.52	42.2	7.69
1981	14.2	338.44	42.2	8.02
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	123.0	[1] 225.74	[1] 40.6	[1] 5.56
1978	123.9	247.25	40.6	6.09
1979	126.4	266.64	40.4	6.60
1980	122.5	287.68	39.9	7.21
1981	117.9	319.93	40.6	7.88
ELECTRIC DISTRIBUTING EQUIPMENT — SIC 361				
1977	20.6	269.33	40.5	6.65
1978	20.5	294.79	41.0	7.19
1979	20.2	311.60	41.0	7.60
1980	19.2	354.02	41.6	8.51
1981	18.0	413.66	44.1	9.38
TRANSFORMERS — SIC 3612				
1977	6.6	261.02	41.3	6.32
1978	6.6	283.14	41.7	6.79
1979	6.5	292.13	40.8	7.16
1980	6.4	330.17	39.4	8.38
1981	5.9	402.60	44.0	9.15
SWITCHGEAR AND SWITCHBOARD APPARATUS — SIC 3613				
1977	14.0	274.00	40.0	6.85
1978	13.9	300.44	40.6	7.40
1979	13.7	321.77	41.2	7.81
1980	12.8	365.94	42.7	8.57
1981	12.1	418.51	44.1	9.49
ELECTRICAL INDUSTRIAL APPARATUS — SIC 362				
1977	23.1	242.35	40.8	5.94
1978	23.5	260.30	40.8	6.38
1979	23.0	267.58	39.7	6.74
1980	22.2	278.58	38.8	7.18
1981	21.0	306.99	40.5	7.58
HOUSEHOLD APPLIANCES — SIC 363				
1977	5.1	206.40	40.0	5.16
1978	4.7	220.57	36.7	6.01
1979	4.6	243.88	36.4	6.70
1980	4.3	266.06	37.9	7.02
1981	3.9	281.12	38.3	7.34
ELECTRIC LIGHTING AND WIRING EQUIPMENT — SIC 364				
1977	21.3	206.23	40.2	5.13
1978	21.6	232.97	40.8	5.71
1979	22.4	253.59	41.1	6.17
1980	21.3	273.64	40.3	6.79
1981	20.6	292.66	40.2	7.28
CURRENT-CARRYING WIRING DEVICES — SIC 3643				
1977	10.4	217.98	41.6	5.24
1978	10.3	236.57	41.0	5.77
1979	11.4	267.30	42.7	6.26
1980	11.2	286.21	41.3	6.93
1981	11.4	296.13	40.4	7.33
STATEWIDE (Con.)				
ELECTRIC LIGHTING AND WIRING, EXCEPT CURRENT-CARRYING WIRING DEVICES — SIC 3641,4–8				
1977	10.9	197.96	39.2	5.05
1978	11.3	230.36	40.7	5.66
1979	11.0	244.40	40.0	6.11
1980	10.0	264.26	39.5	6.69
1981	9.2	289.20	40.0	7.23
COMMUNICATION EQUIPMENT — SIC 366				
1977	8.9	[1] 248.40	[1] 41.4	[1] 6.00
1978	8.3	262.75	40.8	6.44
1979	8.9	307.43	41.1	7.48
1980	9.5	315.47	41.4	7.62
1981	9.9	336.38	42.1	7.99
ELECTRONIC COMPONENTS AND ACCESSORIES — SIC 367				
1977	31.7	210.37	40.3	5.22
1978	33.9	226.89	40.3	5.63
1979	35.9	259.99	41.4	6.28
1980	35.8	279.86	40.5	6.91
1981	33.7	314.72	40.4	7.79
SEMICONDUCTORS AND RELATED DEVICES — SIC 3674				
1977	11.0	266.88	41.7	6.40
1978	10.7	284.20	40.6	7.00
1979	11.6	338.52	43.4	7.80
1980	12.1	361.64	42.1	8.59
1981	11.7	405.18	41.6	9.74
ELECTRONIC COMPONENTS AND ACCESSORIES, EXCEPT SEMICONDUCTORS — SIC 3671-3,5-9				
1977	20.7	179.39	39.6	4.53
1978	23.2	196.89	40.1	4.91
1979	24.3	223.97	40.5	5.53
1980	23.7	240.79	39.8	6.05
1981	21.9	269.05	39.8	6.76
TRANSPORTATION EQUIPMENT — SIC 37				
1977	73.3	[1] 289.26	[1] 41.8	[1] 6.92
1978	81.8	315.59	41.8	7.55
1979	87.3	348.60	42.0	8.30
1980	81.5	356.40	39.6	9.00
1981	77.9	396.61	39.9	9.94
MOTOR VEHICLES AND EQUIPMENT — SIC 371				
1977	24.4	[1] 313.17	[1] 42.9	[1] 7.30
1978	28.8	341.94	41.7	8.20
1979	32.5	360.55	41.3	8.73
1980	26.5	370.11	39.0	9.49
1981	27.6	429.74	40.2	10.69
MOTOR VEHICLE PARTS AND ACCESSORIES — SIC 3714				
1977	11.9	[1] 306.68	[1] 42.3	[1] 7.25
1978	11.9	329.28	42.0	7.84
1979	12.4	366.27	42.1	8.70
1980	10.0	380.33	39.7	9.58
1981	10.8	454.95	42.4	10.73
MOTOR VEHICLES AND EQUIPMENT, EXCEPT VEHICLE PARTS — SIC 3711,3,5,6				
1977	12.5	326.69	43.5	7.51
1978	16.9	353.22	42.1	8.39
1979	20.1	356.13	40.7	8.75
1980	16.5	362.07	38.6	9.38
1981	16.8	408.28	38.3	10.66
AIRCRAFT AND PARTS — SIC 372				
1977	10.4	265.12	40.6	6.53
1978	10.9	288.35	40.9	7.05
1979	11.7	327.47	41.4	7.91
1980	12.2	363.91	41.4	8.79
1981	13.0	398.21	40.8	9.76
SHIP AND BOAT BUILDING AND REPAIRING — SIC 373				
1977	8.5	267.19	38.5	6.94
1978	7.5	295.25	40.5	7.29
1979	7.4	324.37	41.8	7.76
1980	7.8	366.73	40.3	9.10
1981	6.8	409.12	41.2	9.93
STATEWIDE (Con.)				
RAILROAD EQUIPMENT — SIC 374				
1977	18.9	281.00	40.2	6.99
1978	21.9	309.42	40.5	7.64
1979	23.5	366.34	39.9	8.64
1980	21.7	365.54	38.6	9.47
1981	17.1	384.29	38.2	10.06
INSTRUMENTS AND RELATED PRODUCTS — SIC 38				
1977	37.7	226.43	41.7	5.43
1978	40.3	239.85	41.0	5.85
1979	42.9	261.99	41.0	6.39
1980	41.8	279.40	39.8	7.02
1981	41.1	316.88	41.1	7.71
MEASURING AND CONTROLLING DEVICES — SIC 382				
1977	19.7	242.09	43.0	5.63
1978	22.0	257.42	42.2	6.10
1979	23.7	282.99	42.3	6.69
1980	22.6	300.35	41.2	7.29
1981	21.8	341.36	42.3	8.07
MEDICAL INSTRUMENTS AND SUPPLIES — SIC 384				
1977	10.8	205.77	39.8	5.17
1978	11.2	220.80	40.0	5.52
1979	11.6	229.12	39.3	5.83
1980	11.3	255.27	38.1	6.70
1981	11.0	305.59	40.8	7.49
MISC. MANUFACTURING INDUSTRIES — SIC 39				
1977	27.8	218.09	41.7	5.23
1978	26.3	238.26	41.8	5.70
1979	25.3	257.68	40.2	6.41
1980	23.4	279.76	40.9	6.84
1981	22.8	301.02	40.9	7.36
NONDURABLE GOODS				
1977	532.2	[1] 188.62	[1] 37.8	[1] 4.99
1978	540.3	204.60	38.1	5.37
1979	532.9	219.06	37.9	5.78
1980	513.5	236.50	37.6	6.29
1981	509.2	259.31	37.8	6.86
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	98.8	[1] 219.89	[1] 40.2	[1] 5.47
1978	99.7	239.95	40.6	5.91
1979	99.3	251.20	40.0	6.28
1980	96.6	274.33	39.7	6.91
1981	95.2	305.07	40.3	7.57
MEAT PRODUCTS — SIC 201				
1977	15.7	224.26	40.7	5.51
1978	15.8	237.86	40.8	5.83
1979	15.6	267.34	42.1	6.35
1980	15.2	279.90	40.1	6.98
1981	15.0	302.76	40.1	7.55
MEAT PACKING PLANTS — SIC 2011				
1977	5.2	260.62	41.5	6.28
1978	5.2	276.47	41.7	6.63
1979	4.9	304.16	42.6	7.14
1980	4.7	321.17	39.7	8.09
1981	4.6	341.12	41.0	8.32
SAUSAGES AND OTHER PREPARED MEATS — SIC 2013				
1977	6.0	247.20	40.0	6.18
1978	5.8	257.36	38.7	6.65
1979	5.6	294.86	39.9	7.39
1980	5.6	305.25	37.5	8.14
1981	5.3	361.55	39.6	9.13
POULTRY DRESSING, AND POULTRY AND EGG PROCESSING — SIC 2016,7				
1977	4.5	159.96	40.6	3.94
1978	4.8	182.28	42.0	4.34
1979	5.1	208.89	43.7	4.78
1980	5.0	217.77	42.7	5.10
1981	5.0	215.03	39.6	5.43

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
DAIRY PRODUCTS — SIC 202				
1977	12.2	234.22	41.9	5.59
1978	12.1	250.47	41.4	6.05
1979	11.6	268.36	41.8	6.42
1980	11.5	287.85	41.9	6.87
1981	11.2	306.24	43.5	7.04
FLUID MILK — SIC 2026				
1977	7.5	235.09	42.9	5.48
1978	7.1	245.95	41.9	5.87
1979	6.7	268.45	41.3	6.50
1980	6.4	301.86	42.1	7.17
1981	6.0	339.20	43.1	7.87
PRESERVED FRUITS AND VEGETABLES — SIC 203				
1977	12.7	183.85	39.2	4.69
1978	13.2	197.63	38.6	5.12
1979	13.2	206.64	37.3	5.54
1980	12.4	232.63	37.4	6.22
1981	12.3	272.46	38.0	7.17
CANNED FRUITS AND VEGETABLES — SIC 2033				
1977	5.2	149.14	37.1	4.02
1978	5.7	157.14	36.8	4.27
1979	5.6	173.22	36.7	4.72
1980	5.0	191.05	36.6	5.22
1981	4.8	217.73	37.8	5.76
GRAIN MILL PRODUCTS — SIC 204				
1977	4.6	250.06	42.6	5.87
1978	4.7	266.80	41.3	6.46
1979	4.8	269.58	40.6	6.64
1980	4.9	309.15	42.7	7.24
1981	5.1	317.12	41.4	7.66
BAKERY PRODUCTS — SIC 205				
1977	20.4	[1] 208.35	[1] 38.3	[1] 5.44
1978	20.5	236.99	40.1	5.91
1979	19.8	239.34	39.3	6.09
1980	18.8	268.00	40.0	6.70
1981	17.9	299.15	40.1	7.46
BREAD, CAKE, AND RELATED PRODUCTS — SIC 2051				
1977	15.7	201.17	38.1	5.28
1978	15.6	229.89	39.5	5.82
1979	15.1	238.23	38.8	6.14
1980	14.2	264.42	39.0	6.78
1981	13.3	294.97	39.7	7.43
COOKIES AND CRACKERS — SIC 2052				
1977	4.7	[1] 226.01	[1] 38.7	[1] 5.84
1978	4.9	255.40	41.8	6.11
1979	4.7	242.38	40.6	5.97
1980	4.6	276.87	42.4	6.53
1981	4.6	309.48	41.1	7.53
SUGAR AND CONFECTIONERY PRODUCTS — SIC 206				
1977	15.0	222.32	39.7	5.60
1978	15.0	240.39	39.8	6.04
1979	15.9	249.45	38.2	6.53
1980	15.3	271.10	37.6	7.21
1981	15.5	331.29	40.5	8.18
CONFECTIONERY PRODUCTS — SIC 2065				
1977	5.8	177.85	37.6	4.73
1978	6.2	200.98	38.8	5.18
1979	7.3	210.76	36.4	5.79
1980	7.2	221.06	35.2	6.28
1981	6.9	268.11	38.8	6.91
CHOCOLATE AND COCOA PRODUCTS — SIC 2066				
1977	5.6	231.64	39.8	5.82
1978	5.5	244.16	39.7	6.15
1979	5.5	270.95	40.2	6.74
1980	5.4	302.44	39.9	7.58
1981	6.1	353.83	41.0	8.63
STATEWIDE (Con.)				
SUGAR PRODUCTS, EXCEPT CONFECTIONERY, AND CHOCOLATE AND COCOA PRODUCTS — SIC 2061-3,7				
1977	3.5	287.51	43.3	6.64
1978	3.3	294.82	41.7	7.07
1979	3.2	296.45	38.6	7.68
1980	2.7	358.35	40.4	8.87
1981	2.5	486.00	45.0	10.80
BEVERAGES — SIC 208				
1977	10.3	285.02	42.1	6.77
1978	9.9	311.64	42.4	7.35
1979	9.9	324.59	42.1	7.71
1980	9.6	350.38	40.6	8.63
1981	9.3	374.22	40.5	9.24
TOBACCO MANUFACTURES — SIC 21				
1977	3.6	131.71	39.2	3.36
1978	4.0	138.96	38.6	3.60
1979	3.6	152.40	38.1	4.00
1980	3.3	169.02	38.5	4.39
1981	3.1	187.21	38.6	4.85
TEXTILE MILL PRODUCTS — SIC 22				
1977	49.4	154.37	38.4	4.02
1978	50.1	166.12	38.1	4.36
1979	47.1	178.26	38.5	4.63
1980	43.9	192.89	38.5	5.01
1981	43.2	207.10	38.0	5.45
WEAVING MILLS, SYNTHETICS — SIC 222				
1977	4.5	165.65	40.7	4.07
1978	4.5	179.52	40.8	4.40
1979	4.7	211.20	44.0	4.80
1980	4.9	217.24	42.1	5.16
1981	4.9	236.59	41.8	5.66
KNITTING MILLS — SIC 225				
1977	25.9	144.30	37.0	3.90
1978	26.1	155.66	36.8	4.23
1979	22.9	166.05	36.9	4.50
1980	22.0	180.10	37.6	4.79
1981	21.9	191.36	36.8	5.20
KNIT OUTERWEAR MILLS — SIC 2253				
1977	13.8	139.20	35.6	3.91
1978	14.3	151.79	35.8	4.24
1979	11.5	163.16	36.5	4.47
1980	11.2	180.86	37.6	4.81
1981	11.7	194.29	37.8	5.14
KNIT UNDERWEAR MILLS — SIC 2254				
1977	5.2	130.82	37.7	3.47
1978	5.1	140.98	37.1	3.80
1979	5.3	147.08	35.7	4.12
1980	4.8	155.21	34.8	4.46
1981	4.8	166.07	34.1	4.87
FLOOR COVERING MILLS — SIC 227				
1977	3.7	210.87	43.3	4.87
1978	3.9	229.19	42.6	5.38
1979	4.1	228.66	40.4	5.66
1980	3.6	241.96	38.9	6.22
1981	3.6	263.89	38.3	6.89
YARN AND THREAD MILLS — SIC 228				
1977	5.1	138.76	37.3	3.72
1978	5.2	150.38	37.5	4.01
1979	5.1	165.07	38.3	4.31
1980	4.3	181.61	37.6	4.83
1981	3.9	193.80	38.0	5.10
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	134.0	125.95	32.8	3.84
1978	134.6	138.28	33.4	4.14
1979	128.6	143.44	32.6	4.40
1980	124.1	153.12	32.1	4.77
1981	123.7	169.25	32.8	5.16
STATEWIDE (Con.)				
MEN'S AND BOYS' SUITS AND COATS — SIC 231				
1977	17.9	165.08	35.5	4.65
1978	17.1	182.67	36.1	5.06
1979	15.8	187.41	34.9	5.37
1980	16.3	204.69	36.1	5.67
1981	16.2	219.10	35.8	6.12
MEN'S AND BOYS' FURNISHINGS — SIC 232				
1977	25.6	121.88	33.3	3.66
1978	25.3	139.20	34.8	4.00
1979	22.5	148.90	35.2	4.23
1980	21.0	158.90	35.0	4.54
1981	19.8	170.94	35.1	4.87
MEN'S AND BOYS' SHIRTS AND NIGHTWEAR — SIC 2321				
1977	9.9	120.01	32.7	3.67
1978	9.6	139.39	35.2	3.96
1979	8.9	147.49	35.2	4.19
1980	7.8	156.10	35.0	4.46
1981	7.5	175.48	37.1	4.73
MEN'S AND BOYS' SEPARATE TROUSERS — SIC 2327				
1977	6.3	130.35	33.0	3.95
1978	6.0	147.61	33.7	4.38
1979	5.6	152.32	31.8	4.79
1980	4.8	174.90	33.7	5.19
1981	4.3	190.75	35.0	5.45
WOMEN'S AND MISSES' OUTERWEAR — SIC 233				
1977	60.0	119.73	30.7	3.90
1978	61.0	130.62	31.4	4.16
1979	59.9	134.84	30.3	4.45
1980	56.6	141.78	29.6	4.79
1981	57.0	157.56	30.3	5.20
WOMEN'S AND CHILDREN'S UNDERGARMENTS — SIC 234				
1977	10.4	120.55	36.2	3.33
1978	10.6	127.09	35.7	3.56
1979	10.3	130.10	34.6	3.76
1980	10.2	129.92	32.4	4.01
1981	10.2	153.11	34.1	4.49
CHILDREN'S OUTERWEAR — SIC 236				
1977	7.7	114.14	32.8	3.48
1978	7.8	125.15	34.1	3.67
1979	7.7	128.40	32.1	4.00
1980	7.5	142.67	30.1	4.74
1981	7.9	161.46	32.1	5.03
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	43.0	239.36	43.6	5.49
1978	44.4	268.02	44.3	6.05
1979	44.6	294.75	45.0	6.55
1980	42.4	307.44	44.3	6.94
1981	41.8	319.49	43.0	7.43
PAPER MILLS, EXCEPT BUILDING PAPER — SIC 262				
1977	11.7	306.51	46.3	6.62
1978	11.7	338.52	46.5	7.28
1979	12.0	375.73	47.5	7.91
1980	11.4	399.84	47.6	8.40
1981	11.3	407.34	46.5	8.76
PAPERBOARD CONTAINERS AND BOXES — SIC 265				
1977	15.3	220.90	41.6	5.31
1978	15.7	246.12	42.0	5.86
1979	15.2	271.05	41.7	6.50
1980	14.3	290.69	41.0	7.09
1981	14.0	306.75	40.9	7.50
CORRUGATED AND SOLID FIBER BOXES — SIC 2653				
1977	7.7	234.92	42.1	5.58
1978	8.0	263.76	42.0	6.28
1979	7.9	279.00	39.8	7.01
1980	7.3	294.12	39.8	7.39
1981	7.1	324.66	42.0	7.73

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Production or nonsupervisory workers: Average weekly hours	Production or nonsupervisory workers: Average hourly earnings (dollars)
STATEWIDE (Con.)				
PAPERBOARD CONTAINERS AND BOXES, EXCEPT CORRUGATED AND SOLID FIBER — SIC 2651,2,4,5				
1977	7.6	207.65	41.2	5.04
1978	7.7	228.48	42.0	5.44
1979	7.3	262.04	43.6	6.01
1980	7.0	287.22	42.3	6.79
1981	6.8	289.67	39.9	7.26
PRINTING AND PUBLISHING — SIC 27				
1977	69.8	[1] 238.52	[1] 37.8	[1] 6.31
1978	71.3	245.95	36.6	6.72
1979	72.2	263.87	36.7	7.19
1980	72.6	284.56	37.1	7.67
1981	73.5	318.40	38.5	8.27
NEWSPAPERS — SIC 271				
1977	25.3	237.01	34.3	6.91
1978	25.4	253.09	33.7	7.51
1979	24.8	277.69	33.7	8.24
1980	23.8	291.82	32.9	8.87
1981	23.9	304.18	33.5	9.08
BOOKS — SIC 273				
1977	8.4	[1] 216.15	[1] 39.3	[1] 5.50
1978	8.0	195.83	35.8	5.47
1979	6.9	210.16	35.5	5.92
1980	6.5	230.05	36.4	6.32
1981	5.9	282.50	39.4	7.17
COMMERCIAL PRINTING — SIC 275				
1977	20.6	252.31	39.3	6.42
1978	20.5	260.06	37.8	6.88
1979	20.9	282.59	38.5	7.34
1980	21.3	301.47	38.6	7.81
1981	21.9	317.19	39.3	8.58
COMMERCIAL PRINTING, LITHOGRAPHIC — SIC 2752				
1977	9.7	248.07	38.7	6.41
1978	10.2	250.98	36.8	6.82
1979	11.4	268.88	37.5	7.17
1980	11.9	292.23	38.1	7.67
1981	12.4	343.88	38.9	8.84
COMMERCIAL PRINTING, EXCEPT LITHOGRAPHIC — SIC 2751,3,4				
1977	10.9	255.91	39.8	6.43
1978	10.4	269.27	38.8	6.94
1979	9.6	295.11	39.4	7.49
1980	9.5	313.22	39.3	7.97
1981	9.5	329.57	39.9	8.26
MANIFOLD BUSINESS FORMS — SIC 276				
1977	3.2	236.41	39.6	5.97
1978	3.7	263.90	40.6	6.50
1979	4.3	277.22	39.1	7.09
1980	4.4	300.98	40.4	7.45
1981	4.4	354.12	44.1	8.03
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	59.0	[1] 256.88	[1] 41.1	[1] 6.25
1978	59.9	270.63	41.7	6.49
1979	61.0	296.81	42.1	7.05
1980	60.8	323.83	41.2	7.86
1981	60.0	363.03	41.3	8.79
INDUSTRIAL INORGANIC CHEMICALS — SIC 281				
1977	10.1	[1] 253.50	[1] 41.9	[1] 6.05
1978	10.4	283.18	43.3	6.54
1979	10.8	322.83	44.9	7.19
1980	10.4	341.78	43.1	7.93
1981	9.9	370.35	41.8	8.86
PLASTICS MATERIALS AND SYNTHETICS — SIC 282				
1977	9.0	[1] 253.34	[1] 40.6	[1] 6.24
1978	8.5	263.96	41.7	6.33
1979	8.8	298.80	41.5	7.20
1980	8.8	321.20	40.0	8.03
1981	8.3	361.03	39.5	9.14
STATEWIDE (Con.)				
DRUGS — SIC 283				
1977	16.5	[1] 264.92	[1] 39.6	[1] 6.69
1978	16.9	262.81	39.7	6.62
1979	17.1	284.47	39.4	7.22
1980	17.6	327.02	38.7	8.45
1981	18.1	382.36	39.5	9.68
SOAP, CLEANERS, AND TOILET GOODS — SIC 284				
1977	3.3	232.76	44.0	5.29
1978	3.2	257.52	44.4	5.80
1979	3.2	270.14	43.5	6.21
1980	3.2	292.32	43.5	6.72
1981	3.2	331.97	44.8	7.41
PAINTS AND ALLIED PRODUCTS — SIC 285				
1977	4.3	[1] 252.90	[1] 40.4	[1] 6.26
1978	4.4	258.85	40.7	6.36
1979	4.5	270.01	40.3	6.70
1980	4.5	278.96	36.9	7.56
1981	4.2	331.10	39.7	8.34
PETROLEUM AND COAL PRODUCTS — SIC 29				
1977	16.8	314.36	41.2	7.63
1978	17.3	357.01	42.3	8.44
1979	17.3	392.26	43.2	9.08
1980	16.7	432.98	42.7	10.14
1981	16.8	476.96	42.7	11.17
PETROLEUM REFINING — SIC 291				
1977	13.2	327.64	40.7	8.05
1978	13.3	369.29	41.4	8.92
1979	13.3	410.45	42.8	9.59
1980	13.0	449.35	41.8	10.75
1981	13.3	501.50	42.5	11.80
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS — SIC 30				
1977	38.0	[1] 209.10	[1] 41.0	[1] 5.10
1978	39.9	220.86	40.6	5.44
1979	41.8	232.83	39.8	5.85
1980	37.1	238.98	39.5	6.05
1981	35.7	270.92	39.9	6.79
TIRES AND INNER TUBES — SIC 301				
1977	8.0	[1] 295.04	[1] 44.5	[1] 6.63
1978	7.9	324.08	44.7	7.25
1979	8.0	362.79	44.9	8.08
1980	5.2	348.93	42.5	8.21
1981	3.4	372.20	42.2	8.82
FABRICATED RUBBER PRODUCTS, NEC — SIC 306				
1977	5.4	217.24	42.1	5.16
1978	5.2	236.81	41.4	5.72
1979	5.2	267.07	42.8	6.24
1980	4.5	289.91	42.2	6.87
1981	4.4	335.38	42.4	7.91
LEATHER AND LEATHER PRODUCTS — SIC 31				
1977	19.9	134.98	37.6	3.59
1978	19.3	144.77	38.3	3.78
1979	17.3	157.41	38.3	4.11
1980	16.0	173.76	38.7	4.49
1981	16.1	182.14	37.4	4.87
FOOTWEAR, EXCEPT RUBBER — SIC 314				
1977	15.5	122.69	36.3	3.38
1978	15.1	131.03	36.6	3.58
1979	13.4	144.65	36.9	3.92
1980	12.4	160.98	37.7	4.27
1981	12.2	169.19	36.7	4.61
MEN'S FOOTWEAR, EXCEPT ATHLETIC — SIC 3143				
1977	5.8	135.59	39.3	3.45
1978	5.9	146.57	40.6	3.61
1979	5.3	158.00	39.9	3.96
1980	4.8	182.16	40.3	4.52
1981	4.5	184.12	38.2	4.82
STATEWIDE (Con.)				
WOMEN'S FOOTWEAR, EXCEPT ATHLETIC — SIC 3144				
1977	6.1	118.31	34.9	3.39
1978	5.2	120.62	33.6	3.59
1979	3.9	137.35	35.4	3.88
1980	3.6	149.41	36.8	4.06
1981	3.5	161.88	35.5	4.56
TRANSPORTATION AND PUBLIC UTILITIES				
1977	261.6	-	-	-
1978	266.6	-	-	-
1979	272.3	-	-	-
1980	263.3	-	-	-
1981	258.3	-	-	-
TRANSPORTATION — SIC 40-42,44-47				
1977	160.9	-	-	-
1978	165.7	-	-	-
1979	170.7	-	-	-
1980	161.9	-	-	-
1981	154.4	-	-	-
RAILROAD TRANSPORTATION — SIC 40				
1977	45.8	-	-	-
1978	44.5	-	-	-
1979	44.5	-	-	-
1980	41.8	-	-	-
1981	37.6	-	-	-
TRANSPORTATION, EXCEPT RAILROADS — SIC 41,42,44-47				
1977	115.1	-	-	-
1978	121.2	-	-	-
1979	126.2	-	-	-
1980	120.1	-	-	-
1981	116.9	-	-	-
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	100.7	-	-	-
1978	100.9	-	-	-
1979	101.7	-	-	-
1980	101.4	-	-	-
1981	103.9	-	-	-
COMMUNICATION — SIC 48				
1977	53.1	279.79	40.2	6.96
1978	53.1	314.57	40.8	7.71
1979	54.3	341.52	40.9	8.35
1980	54.8	356.21	39.8	8.95
1981	55.2	398.38	39.6	10.06
ELECTRIC, GAS, AND SANITARY SERVICES — SIC 49				
1977	47.6	334.74	43.7	7.66
1978	47.8	362.56	44.0	8.24
1979	47.4	389.78	44.7	8.72
1980	46.6	423.04	45.1	9.38
1981	48.7	451.19	43.3	10.42
ELECTRIC SERVICES — SIC 491				
1977	21.9	334.19	45.1	7.41
1978	22.7	366.06	45.7	8.01
1979	23.3	402.01	46.8	8.59
1980	23.1	427.81	46.3	9.24
1981	24.4	434.18	42.4	10.24
GAS PRODUCTION AND DISTRIBUTION — SIC 492				
1977	11.4	298.07	42.1	7.08
1978	10.7	315.93	41.9	7.54
1979	9.6	334.59	42.3	7.91
1980	8.8	383.94	44.8	8.57
1981	9.1	417.12	44.9	9.29
COMBINATION UTILITY SERVICES — SIC 493				
1977	10.6	-	-	-
1978	10.6	-	-	-
1979	10.5	-	-	-
1980	10.7	-	-	-
1981	11.0	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
WHOLESALE AND RETAIL TRADE				
1977	938.9	-	-	-
1978	983.7	-	-	-
1979	992.5	-	-	-
1980	988.3	-	-	-
1981	986.1	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	221.7	-	-	-
1978	230.8	-	-	-
1979	239.4	-	-	-
1980	244.3	-	-	-
1981	244.6	-	-	-
RETAIL TRADE — SIC 52-59				
1977	717.2	-	-	-
1978	752.9	-	-	-
1979	753.1	-	-	-
1980	744.0	-	-	-
1981	741.5	-	-	-
GENERAL MERCHANDISE STORES — SIC 53				
1977	127.5	112.42	29.9	3.76
1978	129.8	116.60	27.5	4.24
1979	125.5	125.39	27.2	4.61
1980	120.6	134.86	27.3	4.94
1981	117.8	147.09	27.7	5.31
DEPARTMENT STORES - SIC 531				
1977	111.8	-	-	-
1978	113.9	-	-	-
1979	110.7	-	-	-
1980	106.7	-	-	-
1981	104.6	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	217.5	-	-	-
1978	226.6	-	-	-
1979	233.7	-	-	-
1980	236.8	-	-	-
1981	240.6	-	-	-
BANKING — SIC 60				
1977	72.1	142.43	-	-
1978	74.5	151.79	-	-
1979	77.1	168.12	-	-
1980	79.1	183.07	-	-
1981	80.4	194.86	-	-
COMMERCIAL AND STOCK SAVINGS BANKS — SIC 602				
1977	66.6	-	-	-
1978	68.8	-	-	-
1979	71.1	-	-	-
1980	72.8	-	-	-
1981	73.8	-	-	-
BANKS, EXCEPT COMMERCIAL AND STOCK SAVINGS BANKS — SIC 601,3-5				
1977	5.5	-	-	-
1978	5.7	-	-	-
1979	6.0	-	-	-
1980	6.3	-	-	-
1981	6.6	-	-	-
FINANCE, EXCEPT BANKS — SIC 61,62				
1977	27.7	-	-	-
1978	28.7	-	-	-
1979	29.5	-	-	-
1980	30.2	-	-	-
1981	31.4	-	-	-
INSURANCE CARRIERS — SIC 63				
1977	63.7	181.49	-	-
1978	66.3	192.81	-	-
1979	69.2	205.36	-	-
1980	69.5	222.76	-	-
1981	70.1	245.02	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
LIFE INSURANCE — SIC 631				
1977	26.7	181.27	-	-
1978	25.2	183.93	-	-
1979	26.3	192.10	-	-
1980	26.5	208.25	-	-
1981	27.0	226.41	-	-
FIRE, MARINE, AND CASUALTY INSURANCE — SIC 633				
1977	24.9	180.72	-	-
1978	27.4	193.11	-	-
1979	28.7	207.56	-	-
1980	28.9	220.65	-	-
1981	29.0	245.94	-	-
SERVICES				
1977	862.5	-	-	-
1978	903.9	-	-	-
1979	944.1	-	-	-
1980	974.1	-	-	-
1981	1,006.2	-	-	-
BUSINESS SERVICES — SIC 73				
1977	108.0	-	-	-
1978	116.8	-	-	-
1979	125.8	-	-	-
1980	130.5	-	-	-
1981	136.5	-	-	-
HEALTH SERVICES — SIC 80				
1977	274.6	-	-	-
1978	291.7	-	-	-
1979	305.1	-	-	-
1980	319.5	-	-	-
1981	335.4	-	-	-
NURSING AND PERSONAL CARE FACILITIES — SIC 805				
1977	41.9	-	-	-
1978	46.6	-	-	-
1979	49.7	-	-	-
1980	51.3	-	-	-
1981	53.2	-	-	-
HOSPITALS — SIC 806				
1977	171.1	-	-	-
1978	177.9	-	-	-
1979	185.3	-	-	-
1980	194.4	-	-	-
1981	204.7	-	-	-
EDUCATIONAL SERVICES — SIC 82				
1977	112.3	-	-	-
1978	111.1	-	-	-
1979	113.7	-	-	-
1980	118.5	-	-	-
1981	124.4	-	-	-
MISCELLANEOUS SERVICES — SIC 89				
1977	42.4	-	-	-
1978	43.1	-	-	-
1979	45.0	-	-	-
1980	47.3	-	-	-
1981	47.7	-	-	-
ENGINEERING AND ARCHITECTURAL SERVICES — SIC 891				
1977	27.1	-	-	-
1978	27.6	-	-	-
1979	28.6	-	-	-
1980	30.1	-	-	-
1981	30.2	-	-	-
GOVERNMENT				
1977	710.9	-	-	-
1978	720.7	-	-	-
1979	720.7	-	-	-
1980	723.3	-	-	-
1981	705.4	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
FEDERAL GOVERNMENT				
1977	128.1	-	-	-
1978	129.5	-	-	-
1979	130.8	-	-	-
1980	134.9	-	-	-
1981	133.9	-	-	-
U. S. DEPARTMENT OF DEFENSE				
1977	52.1	-	-	-
1978	52.4	-	-	-
1979	52.9	-	-	-
1980	53.3	-	-	-
1981	55.9	-	-	-
U. S. POSTAL SERVICE — SIC 43				
1977	37.8	-	-	-
1978	37.4	-	-	-
1979	37.7	-	-	-
1980	37.4	-	-	-
1981	37.2	-	-	-
FEDERAL HOSPITALS — SIC 806				
1977	11.2	-	-	-
1978	10.2	-	-	-
1979	10.0	-	-	-
1980	10.2	-	-	-
1981	10.2	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	582.8	-	-	-
1978	591.2	-	-	-
1979	589.9	-	-	-
1980	588.4	-	-	-
1981	571.5	-	-	-
STATE GOVERNMENT				
1977	155.2	-	-	-
1978	149.8	-	-	-
1979	148.2	-	-	-
1980	150.8	-	-	-
1981	154.0	-	-	-
STATE EDUCATION — SIC 82,941				
1977	35.1	-	-	-
1978	34.0	-	-	-
1979	33.6	-	-	-
1980	35.8	-	-	-
1981	37.5	-	-	-
LOCAL GOVERNMENT				
1977	427.6	-	-	-
1978	441.4	-	-	-
1979	441.7	-	-	-
1980	437.6	-	-	-
1981	417.4	-	-	-
LOCAL EDUCATION — SIC 82,941				
1977	239.8	-	-	-
1978	244.3	-	-	-
1979	244.9	-	-	-
1980	243.3	-	-	-
1981	237.6	-	-	-
ALLENTOWN-BETHLEHEM-EASTON				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	256.4	-	-	-
1978	260.2	-	-	-
1979	263.8	-	-	-
1980	265.1	-	-	-
1981	264.2	-	-	-
TOTAL PRIVATE				
1977	223.7	-	-	-
1978	230.7	-	-	-
1979	234.9	-	-	-
1980	235.8	-	-	-
1981	234.7	-	-	-

See footnotes at end of tables.

PENNSYLVANIA

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
ALLENTOWN-BETHLEHEM-EASTON (Con.)				
CONSTRUCTION				
1977	9.3	-	-	-
1978	10.1	-	-	-
1979	9.3	-	-	-
1980	9.0	-	-	-
1981	8.2	-	-	-
MANUFACTURING				
1977	107.9	225.76	38.2	5.91
1978	109.7	248.30	38.2	6.50
1979	110.0	277.29	38.3	7.24
1980	107.1	300.25	38.2	7.86
1981	104.2	333.12	38.6	8.63
DURABLE GOODS				
1977	57.4	286.47	41.1	6.97
1978	58.1	317.46	40.7	7.80
1979	59.1	354.32	41.2	8.60
1980	57.0	382.18	40.4	9.46
1981	54.1	435.66	41.1	10.60
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	3.4	268.46	43.3	6.20
1978	3.4	292.66	42.6	6.87
1979	3.3	314.42	41.7	7.54
1980	2.8	339.04	41.6	8.15
1981	2.5	377.80	41.7	9.06
CEMENT, HYDRAULIC — SIC 324				
1977	2.1	322.82	41.6	7.76
1978	2.1	357.01	42.3	8.44
1979	1.9	395.90	42.8	9.25
1980	1.5	443.30	42.3	10.48
1981	1.4	502.55	43.7	11.50
PRIMARY AND FABRICATED METALS — SIC 33,34				
1977	26.2	296.06	39.9	7.42
1978	25.5	336.61	40.9	8.23
1979	25.9	379.04	41.2	9.20
1980	25.5	417.33	40.4	10.33
1981	23.5	482.72	41.4	11.66
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	7.4	273.26	42.3	6.46
1978	7.7	293.76	41.2	7.13
1979	7.8	332.28	42.6	7.80
1980	8.1	374.07	42.8	8.74
1981	7.9	427.59	43.9	9.74
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	9.6	263.74	41.6	6.34
1978	10.1	282.10	40.3	7.00
1979	10.8	328.22	41.6	7.89
1980	10.4	345.66	40.1	8.62
1981	9.9	383.44	39.9	9.61
TRANSPORTATION EQUIPMENT, AND MISC. MANUFACTURING — SIC 37,39				
1977	8.7	332.73	43.1	7.72
1978	9.3	362.07	40.5	8.94
1979	9.4	387.87	40.7	9.53
1980	8.3	399.00	39.9	10.00
1981	8.4	449.74	40.7	11.05
NONDURABLE GOODS				
1977	50.5	164.85	35.3	4.67
1978	51.6	177.64	35.6	4.99
1979	50.9	191.45	35.0	5.47
1980	50.1	216.72	36.0	6.02
1981	50.1	234.21	36.2	6.47
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	6.7	266.07	42.1	6.32
1978	6.9	285.23	41.7	6.84
1979	7.2	314.16	41.5	7.57
1980	7.5	351.10	41.6	8.44
1981	7.6	386.55	42.2	9.16
ALLENTOWN-BETHLEHEM-EASTON (Con.)				
TEXTILE MILL PRODUCTS — SIC 22				
1977	5.5	154.19	36.8	4.19
1978	5.8	169.73	36.5	4.65
1979	5.4	187.03	36.6	5.11
1980	4.9	208.12	38.9	5.35
1981	4.5	207.84	36.4	5.71
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	24.0	130.17	32.3	4.03
1978	24.3	140.48	32.9	4.27
1979	23.1	148.82	31.8	4.68
1980	22.0	167.79	32.9	5.10
1981	21.9	175.43	33.1	5.30
MEN'S AND BOYS' FURNISHINGS — SIC 232				
1977	2.5	135.38	32.7	4.14
1978	2.6	147.94	33.7	4.39
1979	2.3	141.66	30.4	4.66
1980	1.9	167.92	34.2	4.91
1981	2.1	176.13	34.4	5.12
WOMEN'S AND MISSES' OUTERWEAR — SIC 233				
1977	16.1	126.36	31.2	4.05
1978	16.1	134.19	31.5	4.26
1979	15.4	144.70	30.4	4.76
1980	15.1	162.34	31.4	5.17
1981	15.3	170.77	32.1	5.32
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	1.8	207.23	39.1	5.30
1978	1.8	245.61	41.7	5.89
1979	1.7	258.13	41.3	6.25
1980	1.7	269.87	40.1	6.73
1981	1.6	296.54	40.4	7.34
PRINTING AND PUBLISHING — SIC 27				
1977	4.2	215.99	36.3	5.95
1978	4.5	230.96	36.2	6.38
1979	4.6	248.94	37.1	6.71
1980	4.9	277.25	38.4	7.22
1981	5.1	300.29	39.1	7.68
NEWSPAPERS — SIC 271				
1977	1.5	204.26	35.4	5.77
1978	1.5	219.65	35.6	6.17
1979	1.4	250.48	38.3	6.54
1980	1.6	240.82	34.7	6.94
1981	1.9	225.40	30.5	7.39
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	6.4	257.30	42.6	6.04
1978	6.4	275.42	42.7	6.45
1979	6.8	301.56	42.0	7.18
1980	7.0	333.52	41.9	7.96
1981	7.0	371.88	42.5	8.75
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS — SIC 30				
1980	1.6	227.08	38.1	5.96
1981	1.9	267.46	39.8	6.72
TRANSPORTATION AND PUBLIC UTILITIES				
1977	12.8	-	-	-
1978	13.6	-	-	-
1979	14.0	-	-	-
1980	14.1	-	-	-
1981	13.9	-	-	-
TRANSPORTATION — SIC 40-42,44-47				
1977	6.3	-	-	-
1978	7.0	-	-	-
1979	7.3	-	-	-
1980	7.2	-	-	-
1981	7.0	-	-	-
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	6.5	-	-	-
ALLENTOWN-BETHLEHEM-EASTON (Con.)				
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49 (Con.)				
1978	6.5	-	-	-
1979	6.7	-	-	-
1980	6.8	-	-	-
1981	6.9	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	46.9	-	-	-
1978	49.7	-	-	-
1979	51.1	-	-	-
1980	51.8	-	-	-
1981	52.6	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	9.4	-	-	-
1978	9.7	-	-	-
1979	10.5	-	-	-
1980	10.7	-	-	-
1981	10.6	-	-	-
RETAIL TRADE — SIC 52-59				
1977	37.5	-	-	-
1978	40.0	-	-	-
1979	40.6	-	-	-
1980	41.0	-	-	-
1981	42.0	-	-	-
GENERAL MERCHANDISE STORES — SIC 53				
1980	7.4	-	-	-
1981	7.2	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	8.0	-	-	-
1978	8.4	-	-	-
1979	8.8	-	-	-
1980	9.5	-	-	-
1981	9.7	-	-	-
BANKING — SIC 60				
1977	3.3	-	-	-
1978	3.5	-	-	-
1979	3.6	-	-	-
1980	3.8	-	-	-
1981	3.9	-	-	-
SERVICES AND MINING				
1977	38.9	-	-	-
1978	39.2	-	-	-
1979	41.7	-	-	-
1980	44.4	-	-	-
1981	46.2	-	-	-
HEALTH SERVICES — SIC 80				
1977	12.4	-	-	-
1978	13.5	-	-	-
1979	14.3	-	-	-
1980	15.1	-	-	-
1981	15.8	-	-	-
HOSPITALS — SIC 806				
1977	7.3	-	-	-
1978	7.9	-	-	-
1979	8.3	-	-	-
1980	8.6	-	-	-
1981	9.0	-	-	-
HEALTH SERVICES, EXCEPT HOSPITALS — SIC 801-5,7-9				
1977	5.1	-	-	-
1978	5.6	-	-	-
1979	6.1	-	-	-
1980	6.5	-	-	-
1981	6.8	-	-	-
GOVERNMENT				
1977	32.7	-	-	-
1978	29.5	-	-	-
1979	28.9	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
ALLENTOWN-BETHLEHEM-EASTON (Con.)				
GOVERNMENT (Con.)				
1980	29.3	-	-	-
1981	29.4	-	-	-
FEDERAL GOVERNMENT				
1977	2.0	-	-	-
1978	1.9	-	-	-
1979	2.0	-	-	-
1980	2.1	-	-	-
1981	2.0	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	30.7	-	-	-
1978	27.6	-	-	-
1979	26.9	-	-	-
1980	27.1	-	-	-
1981	27.4	-	-	-
ALTOONA				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	51.2	-	-	-
1978	52.2	-	-	-
1979	52.2	-	-	-
1980	50.7	-	-	-
1981	49.9	-	-	-
TOTAL PRIVATE				
1977	44.0	-	-	-
1978	45.1	-	-	-
1979	44.9	-	-	-
1980	43.0	-	-	-
1981	42.2	-	-	-
CONSTRUCTION				
1977	2.3	-	-	-
1978	2.6	-	-	-
1979	2.4	-	-	-
1980	2.2	-	-	-
1981	1.9	-	-	-
MANUFACTURING				
1977	13.1	190.12	38.1	4.99
1978	12.9	208.79	38.1	5.48
1979	13.1	238.55	39.3	6.07
1980	12.7	253.72	38.5	6.59
1981	12.6	275.28	38.5	7.15
DURABLE GOODS				
1977	5.9	213.94	38.0	5.63
1978	6.1	236.07	38.7	6.10
1979	6.6	260.57	39.6	6.58
1980	6.3	276.76	38.6	7.17
1981	5.9	310.07	39.2	7.91
FABRICATED METAL PRODUCTS, AND MACHINERY, EXCEPT ELECTRICAL — SIC 34,35				
1977	1.9	235.61	39.4	5.98
1978	2.0	251.13	39.3	6.39
1979	2.2	264.77	40.3	6.57
1980	2.1	286.38	39.5	7.25
1981	2.1	312.00	39.0	8.00
NONDURABLE GOODS				
1977	7.2	167.70	38.2	4.39
1978	6.8	180.86	37.6	4.81
1979	6.5	210.06	38.9	5.40
1980	6.4	226.35	38.3	5.91
1981	6.7	239.53	37.9	6.32
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	1.3	144.49	35.5	4.07
1978	1.1	161.01	35.7	4.51
1979	1.1	194.06	38.2	5.08
1980	1.0	219.06	37.9	5.78
1981	1.0	227.65	36.6	6.22
ALTOONA (Con.)				
TEXTILES, AND APPAREL — SIC 22,23				
1977	2.6	130.88	37.5	3.49
1978	2.7	134.66	36.2	3.72
1979	2.5	155.17	38.6	4.02
1980	2.3	157.50	36.8	4.28
1981	2.4	164.42	35.9	4.58
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	1.3	245.33	45.6	5.38
1978	1.3	263.87	43.4	6.08
1979	1.3	289.76	42.8	6.77
1980	1.3	319.88	42.2	7.58
1981	1.3	352.73	42.6	8.28
TRANSPORTATION AND PUBLIC UTILITIES				
1977	8.2	-	-	-
1978	8.3	-	-	-
1979	7.8	-	-	-
1980	6.8	-	-	-
1981	6.4	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	11.1	-	-	-
1978	11.5	-	-	-
1979	11.3	-	-	-
1980	11.0	-	-	-
1981	10.7	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	2.3	-	-	-
1978	2.4	-	-	-
1979	2.5	-	-	-
1980	2.4	-	-	-
1981	2.3	-	-	-
RETAIL TRADE — SIC 52-59				
1977	8.8	-	-	-
1978	9.0	-	-	-
1979	8.9	-	-	-
1980	8.7	-	-	-
1981	8.4	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	1.3	-	-	-
1978	1.4	-	-	-
1979	1.4	-	-	-
1980	1.5	-	-	-
1981	1.5	-	-	-
SERVICES AND MINING				
1977	8.0	-	-	-
1978	8.4	-	-	-
1979	8.8	-	-	-
1980	8.7	-	-	-
1981	9.0	-	-	-
HEALTH SERVICES — SIC 80				
1980	4.1	-	-	-
1981	4.2	-	-	-
HOSPITALS — SIC 806				
1977	2.3	-	-	-
1978	2.3	-	-	-
1979	2.5	-	-	-
1980	2.5	-	-	-
1981	2.6	-	-	-
GOVERNMENT				
1977	7.2	-	-	-
1978	7.1	-	-	-
1979	7.3	-	-	-
1980	7.7	-	-	-
1981	7.7	-	-	-
FEDERAL GOVERNMENT				
1977	.8	-	-	-
1978	.8	-	-	-
1979	.8	-	-	-
ALTOONA (Con.)				
FEDERAL GOVERNMENT (Con.)				
1980	0.8	-	-	-
1981	.8	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	6.4	-	-	-
1978	6.3	-	-	-
1979	6.5	-	-	-
1980	6.8	-	-	-
1981	6.9	-	-	-
DELAWARE VALLEY[4]				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	1,523.1	-	-	-
1978	1,563.7	-	-	-
1979	1,588.2	-	-	-
1980	1,584.8	-	-	-
1981	1,582.1	-	-	-
TOTAL PRIVATE				
1977	1,285.0	-	-	-
1978	1,322.0	-	-	-
1979	1,349.9	-	-	-
1980	1,347.4	-	-	-
1981	1,352.3	-	-	-
CONSTRUCTION				
1977	52.4	-	-	-
1978	56.9	-	-	-
1979	61.4	-	-	-
1980	62.9	-	-	-
1981	61.1	-	-	-
MANUFACTURING				
1977	380.5	240.58	39.7	6.07
1978	381.6	262.94	39.9	6.59
1979	382.2	284.80	40.0	7.12
1980	369.4	304.10	39.7	7.66
1981	359.6	333.13	39.8	8.37
DURABLE GOODS				
1977	194.9	259.08	40.8	6.35
1978	196.3	282.22	41.2	6.85
1979	201.8	303.64	41.2	7.37
1980	195.9	325.19	40.7	7.99
1981	190.6	357.00	40.8	8.75
FURNITURE AND FIXTURES — SIC 25				
1977	6.7	214.12	39.8	5.38
1978	6.7	254.98	41.8	6.10
1979	6.7	263.86	39.5	6.68
1980	6.3	278.48	38.2	7.29
1981	6.5	304.84	39.9	7.64
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	10.0	242.02	41.8	5.79
1978	10.4	258.94	41.9	6.18
1979	10.5	285.23	41.7	6.84
1980	9.6	283.29	39.4	7.19
1981	9.0	307.57	40.1	7.67
PRIMARY METAL INDUSTRIES — SIC 33				
1977	23.2	303.40	39.3	7.72
1978	22.5	338.40	40.0	8.46
1979	23.3	375.06	39.9	9.40
1980	21.6	413.51	40.7	10.16
1981	20.5	444.40	40.4	11.00
BLAST FURNACE AND BASIC STEEL PRODUCTS — SIC 331				
1977	17.2	323.47	38.1	8.49
1978	16.4	363.78	38.7	9.40
1979	16.9	407.55	39.0	10.45
1980	15.6	447.08	39.6	11.29
1981	14.7	487.95	39.8	12.26

See footnotes at end of tables.

PENNSYLVANIA

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
DELAWARE VALLEY[4] (Con.)				
FABRICATED METAL PRODUCTS — SIC 34				
1977	29.2	259.97	41.2	6.31
1978	30.3	285.91	41.8	6.84
1979	32.2	309.33	42.2	7.33
1980	31.7	338.48	42.1	8.04
1981	30.2	360.22	41.5	8.68
FABRICATED STRUCTURAL METAL PRODUCTS — SIC 344				
1977	7.0	-	-	-
1978	6.9	-	-	-
1979	7.3	-	-	-
1980	7.7	-	-	-
1981	7.3	-	-	-
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	44.0	275.15	41.5	6.63
1978	43.6	298.20	42.0	7.10
1979	44.1	310.48	42.3	7.34
1980	44.9	336.76	42.2	7.98
1981	45.3	379.13	41.8	9.07
SPECIAL INDUSTRY MACHINERY — SIC 355				
1977	4.0	254.59	41.6	6.12
1978	4.2	284.99	42.6	6.69
1979	4.3	312.77	43.2	7.24
1980	4.5	327.66	41.9	7.82
1981	4.3	321.17	39.7	8.09
GENERAL INDUSTRIAL MACHINERY — SIC 356				
1977	9.3	267.26	41.5	6.44
1978	9.6	290.75	41.3	7.04
1979	9.5	328.75	43.2	7.61
1980	9.2	349.68	42.8	8.17
1981	9.4	376.74	41.4	9.10
OFFICE AND COMPUTING MACHINES — SIC 357				
1977	10.0	297.67	41.4	7.19
1978	9.5	320.12	42.4	7.55
1979	10.1	324.97	43.1	7.54
1980	11.0	357.83	42.7	8.38
1981	11.7	433.16	43.1	10.05
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	29.3	226.08	40.3	5.61
1978	29.7	239.00	40.1	5.96
1979	30.2	249.25	39.5	6.31
1980	28.8	252.32	38.7	6.52
1981	27.8	267.70	39.6	6.76
ELECTRICAL INDUSTRIAL APPARATUS — SIC 362				
1977	3.0	202.21	41.1	4.92
1978	3.4	222.29	42.1	5.28
1979	3.8	238.01	42.2	5.64
1980	4.1	240.94	40.7	5.92
1981	3.9	260.01	40.5	6.42
ELECTRIC LIGHTING AND WIRING EQUIPMENT — SIC 364				
1977	6.0	184.00	40.0	4.60
1978	6.5	199.60	40.0	4.99
1979	6.3	214.51	37.7	5.69
1980	5.6	188.93	36.9	5.12
1981	5.5	208.45	37.9	5.50
TRANSPORTATION EQUIPMENT — SIC 37				
1977	24.9	299.59	41.9	7.15
1978	25.0	313.33	41.5	7.55
1979	25.6	341.51	41.8	8.17
1980	25.5	373.60	41.1	9.09
1981	24.8	418.00	40.9	10.22
INSTRUMENTS AND RELATED PRODUCTS — SIC 38				
1977	17.6	229.86	40.9	5.62
1978	18.7	246.40	40.0	6.16
1979	20.4	264.47	40.5	6.53
1980	19.8	276.75	39.2	7.06
1981	19.7	316.20	40.8	7.75
DELAWARE VALLEY[4] (Con.)				
MEASURING AND CONTROLLING DEVICES — SIC 382				
1977	12.1	242.49	41.1	5.90
1978	12.9	272.39	42.1	6.47
1979	13.9	301.10	43.2	6.97
1980	13.0	316.77	41.3	7.67
1981	12.7	363.80	42.5	8.56
NONDURABLE GOODS				
1977	185.6	223.49	38.6	5.79
1978	185.4	243.18	38.6	6.30
1979	180.4	263.93	38.7	6.82
1980	173.5	279.55	38.4	7.28
1981	169.0	306.50	38.7	7.92
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	33.7	244.01	40.6	6.01
1978	33.1	256.96	39.9	6.44
1979	32.0	270.64	39.8	6.80
1980	30.8	292.79	39.3	7.45
1981	29.4	331.29	40.5	8.18
MEAT PRODUCTS — SIC 201				
1977	6.6	249.86	40.3	6.20
1978	6.8	253.11	39.0	6.49
1979	6.8	253.13	37.5	6.75
1980	6.5	276.28	36.4	7.59
1981	6.1	325.47	38.7	8.41
DAIRY PRODUCTS — SIC 202				
1977	2.9	291.29	42.4	6.87
1978	2.8	308.13	42.5	7.25
1979	2.7	339.30	45.0	7.54
1980	2.8	357.53	45.2	7.91
1981	2.6	361.56	43.3	8.35
BAKERY PRODUCTS — SIC 205				
1977	9.1	248.02	41.2	6.02
1978	8.8	260.74	40.3	6.47
1979	8.4	285.77	41.0	6.97
1980	7.8	321.63	41.5	7.75
1981	7.6	355.52	41.1	8.65
SUGAR AND CONFECTIONERY PRODUCTS — SIC 206				
1977	5.0	258.32	41.2	6.27
1978	4.7	277.03	40.8	6.79
1979	4.9	283.31	40.3	7.03
1980	4.6	297.22	38.5	7.72
1981	4.2	345.26	41.9	8.24
BEVERAGES — SIC 208				
1977	3.4	323.63	44.7	7.24
1978	3.4	344.21	44.3	7.77
1979	3.3	342.14	43.2	7.92
1980	3.1	369.95	44.2	8.37
1981	2.9	385.81	41.8	9.23
TEXTILE MILL PRODUCTS — SIC 22				
1977	14.5	157.62	37.0	4.26
1978	14.2	159.84	35.6	4.49
1979	12.4	169.81	35.9	4.73
1980	11.1	190.32	36.6	5.20
1981	10.5	202.27	35.3	5.73
KNITTING MILLS — SIC 225				
1977	7.3	146.36	34.6	4.23
1978	7.2	147.84	33.0	4.48
1979	5.6	160.69	33.9	4.74
1980	4.9	180.61	34.6	5.22
1981	4.7	195.64	33.5	5.84
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	30.0	152.42	35.2	4.33
1978	29.5	166.50	35.2	4.73
1979	27.6	171.47	34.5	4.97
1980	27.1	186.03	35.3	5.27
1981	26.6	207.21	36.1	5.74
DELAWARE VALLEY[4] (Con.)				
MEN'S AND BOYS' SUITS, COATS, AND FURNISHINGS — SIC 231,2				
1977	15.5	164.52	36.0	4.57
1978	14.7	184.18	36.4	5.06
1979	12.9	190.10	35.6	5.34
1980	12.5	207.64	36.3	5.72
1981	11.6	229.52	36.9	6.22
WOMEN'S AND MISSES' OUTERWEAR, AND WOMEN'S AND CHILDREN'S UNDERGARMENTS — SIC 233,4				
1977	8.8	139.53	33.3	4.19
1978	8.9	146.29	32.8	4.46
1979	9.2	150.55	32.1	4.69
1980	9.3	158.70	33.2	4.78
1981	9.4	185.26	33.5	5.53
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	18.1	255.31	43.2	5.91
1978	18.8	286.62	44.3	6.47
1979	18.9	315.86	44.3	7.13
1980	18.1	304.86	42.4	7.19
1981	17.5	307.04	40.4	7.60
PAPERBOARD CONTAINERS AND BOXES — SIC 265				
1977	6.8	233.70	41.0	5.70
1978	6.8	276.92	43.0	6.44
1979	6.7	316.39	43.4	7.29
1980	6.3	327.54	41.2	7.95
1981	6.1	329.28	39.2	8.40
PRINTING AND PUBLISHING — SIC 27				
1977	32.5	236.22	35.1	6.73
1978	32.5	254.87	35.3	7.22
1979	31.6	267.98	35.4	7.57
1980	31.6	292.86	36.2	8.09
1981	32.0	328.41	36.9	8.90
COMMERCIAL PRINTING — SIC 275				
1977	10.7	-	-	-
1978	10.4	-	-	-
1979	9.9	-	-	-
1980	9.8	-	-	-
1981	10.1	-	-	-
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	31.8	271.04	39.8	6.81
1978	31.7	294.80	40.0	7.37
1979	31.8	311.65	39.4	7.91
1980	31.9	346.82	39.1	8.87
1981	31.2	388.90	40.3	9.65
DRUGS — SIC 283				
1977	13.9	273.04	37.3	7.32
1978	14.2	311.63	39.1	7.97
1979	14.3	342.21	39.7	8.62
1980	14.7	361.50	36.7	9.85
1981	15.2	409.81	38.3	10.70
PETROLEUM AND COAL PRODUCTS — SIC 29				
1977	8.8	-	-	-
1978	8.9	-	-	-
1979	9.1	-	-	-
1980	8.7	-	-	-
1981	9.0	-	-	-
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS — SIC 30				
1977	15.2	267.30	42.7	6.26
1978	15.6	296.77	42.7	6.95
1979	16.0	331.58	43.4	7.64
1980	13.4	331.80	42.0	7.90
1981	12.0	350.26	42.2	8.30
TRANSPORTATION AND PUBLIC UTILITIES				
1977	82.6	-	-	-
1978	84.3	-	-	-
1979	85.6	-	-	-
1980	83.1	-	-	-
1981	81.7	-	-	-

See footnotes at end of tables

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Production or nonsupervisory workers: Average weekly hours	Production or nonsupervisory workers: Average hourly earnings (dollars)
DELAWARE VALLEY[4] (Con.)				
WHOLESALE AND RETAIL TRADE				
1977	322.4	-	-	-
1978	334.4	-	-	-
1979	333.7	-	-	-
1980	329.7	-	-	-
1981	331.2	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	89.1	-	-	-
1978	92.2	-	-	-
1979	95.4	-	-	-
1980	96.8	-	-	-
1981	98.1	-	-	-
RETAIL TRADE — SIC 52-59				
1977	233.3	-	-	-
1978	242.2	-	-	-
1979	238.3	-	-	-
1980	232.9	-	-	-
1981	233.1	-	-	-
GENERAL MERCHANDISE STORES — SIC 53				
1977	41.3	-	-	-
1978	40.8	-	-	-
1979	38.5	-	-	-
1980	36.2	-	-	-
1981	35.6	-	-	-
DEPARTMENT STORES — SIC 531				
1977	36.3	-	-	-
1978	36.1	-	-	-
1979	34.2	-	-	-
1980	32.3	-	-	-
1981	31.8	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	100.1	-	-	-
1978	104.6	-	-	-
1979	107.7	-	-	-
1980	109.0	-	-	-
1981	111.5	-	-	-
BANKING — SIC 60				
1977	27.7	-	-	-
1978	28.1	-	-	-
1979	28.8	-	-	-
1980	29.3	-	-	-
1981	29.4	-	-	-
COMMERCIAL AND STOCK SAVINGS BANKS — SIC 602				
1977	23.4	-	-	-
1978	23.5	-	-	-
1979	24.0	-	-	-
1980	24.3	-	-	-
1981	24.1	-	-	-
SERVICES AND MINING				
1977	347.0	-	-	-
1978	360.3	-	-	-
1979	379.4	-	-	-
1980	393.2	-	-	-
1981	407.3	-	-	-
HEALTH SERVICES — SIC 80				
1977	101.6	-	-	-
1978	108.5	-	-	-
1979	113.7	-	-	-
1980	117.7	-	-	-
1981	123.2	-	-	-
NURSING AND PERSONAL CARE FACILITIES — SIC 805				
1977	14.3	-	-	-
1978	16.0	-	-	-
1979	17.8	-	-	-
1980	17.7	-	-	-
1981	18.7	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Production or nonsupervisory workers: Average weekly hours	Production or nonsupervisory workers: Average hourly earnings (dollars)
DELAWARE VALLEY[4] (Con.)				
HOSPITALS — SIC 806				
1977	62.9	-	-	-
1978	65.8	-	-	-
1979	68.2	-	-	-
1980	71.2	-	-	-
1981	74.4	-	-	-
GOVERNMENT				
1977	238.1	-	-	-
1978	241.6	-	-	-
1979	238.4	-	-	-
1980	237.5	-	-	-
1981	229.9	-	-	-
FEDERAL GOVERNMENT				
1977	63.6	-	-	-
1978	63.7	-	-	-
1979	63.5	-	-	-
1980	65.1	-	-	-
1981	65.3	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	174.5	-	-	-
1978	177.9	-	-	-
1979	174.8	-	-	-
1980	172.3	-	-	-
1981	164.6	-	-	-
ERIE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	110.2	-	-	-
1978	115.3	-	-	-
1979	117.0	-	-	-
1980	112.9	-	-	-
1981	110.5	-	-	-
TOTAL PRIVATE				
1977	96.6	-	-	-
1978	101.0	-	-	-
1979	102.8	-	-	-
1980	99.2	-	-	-
1981	98.0	-	-	-
CONSTRUCTION				
1977	3.3	-	-	-
1978	4.0	-	-	-
1979	3.5	-	-	-
1980	3.2	-	-	-
1981	3.0	-	-	-
MANUFACTURING				
1977	42.8	242.67	41.2	5.89
1978	43.8	263.33	41.6	6.33
1979	44.7	288.29	41.6	6.93
1980	42.3	313.75	40.8	7.69
1981	41.0	350.17	41.1	8.52
DURABLE GOODS				
1977	33.3	246.02	40.8	6.03
1978	34.2	269.34	41.5	6.49
1979	34.4	295.18	41.4	7.13
1980	32.5	321.53	40.7	7.90
1981	31.5	357.06	40.9	8.73
FURNITURE AND FIXTURES — SIC 25				
1977	1.5	201.20	41.4	4.86
1978	1.6	223.02	42.4	5.26
1979	1.5	235.28	42.7	5.51
1980	1.4	222.22	39.4	5.64
1981	1.4	235.77	39.1	6.03
PRIMARY METAL INDUSTRIES — SIC 33				
1977	2.8	259.79	41.7	6.23
1978	2.9	281.48	41.7	6.75
1979	2.7	304.61	41.9	7.27
1980	2.6	332.44	41.4	8.03
1981	2.6	367.46	41.9	8.77

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Production or nonsupervisory workers: Average weekly hours	Production or nonsupervisory workers: Average hourly earnings (dollars)
ERIE (Con.)				
IRON AND STEEL FOUNDRIES — SIC 332				
1977	1.4	246.24	40.5	6.08
1978	1.5	280.31	41.9	6.69
1979	1.3	295.51	41.1	7.19
1980	1.2	316.41	39.9	7.93
1981	1.1	353.83	41.0	8.63
FABRICATED METAL PRODUCTS — SIC 34				
1977	7.5	240.79	38.9	6.19
1978	7.7	267.59	40.3	6.64
1979	8.2	286.40	40.0	7.16
1980	8.0	322.00	40.0	8.05
1981	7.7	365.76	39.8	9.19
FABRICATED STRUCTURAL METAL PRODUCTS — SIC 344				
1977	1.9	236.95	39.1	6.06
1978	1.9	256.75	39.5	6.50
1979	2.0	281.10	40.1	7.01
1980	2.0	308.39	40.9	7.54
1981	2.0	364.66	42.8	8.52
METAL FORGINGS AND STAMPINGS — SIC 346				
1977	2.4	263.86	39.5	6.68
1978	2.3	293.86	40.2	7.31
1979	2.3	296.16	37.3	7.94
1980	2.2	361.49	39.9	9.06
1981	2.2	413.71	38.2	10.83
MACHINERY, EXCEPT ELECTRICAL, AND TRANSPORTATION EQUIPMENT — SIC 35,37				
1977	13.2	272.64	42.8	6.37
1978	13.3	294.46	42.8	6.88
1979	13.3	318.44	41.9	7.60
1980	12.3	338.66	41.3	8.20
1981	11.6	378.98	41.6	9.11
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	4.2	214.73	39.4	5.45
1978	4.0	234.55	40.3	5.82
1979	4.1	264.92	41.2	6.43
1980	4.0	278.71	39.2	7.11
1981	3.9	314.02	39.8	7.89
INSTRUMENTS AND RELATED PRODUCTS — SIC 38				
1977	3.1	247.85	40.3	6.15
1978	3.1	299.04	42.0	7.12
1979	3.2	329.56	42.8	7.70
1980	3.3	356.58	42.5	8.39
1981	3.4	405.86	43.5	9.33
NONDURABLE GOODS				
1977	9.6	229.30	42.7	5.37
1978	9.7	241.81	42.2	5.73
1979	10.3	263.11	42.3	6.22
1980	9.8	291.87	41.4	7.05
1981	9.5	326.70	42.1	7.76
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	1.9	193.50	38.7	5.00
1978	1.9	223.26	40.3	5.54
1979	2.2	258.72	44.0	5.88
1980	2.2	241.47	39.2	6.16
1981	2.1	268.22	38.1	7.04
PAPER, AND PRINTING AND PUBLISHING — SIC 26,27				
1977	3.0	288.93	47.6	6.07
1978	2.9	301.30	47.3	6.37
1979	3.1	331.54	48.4	6.85
1980	3.2	379.05	47.8	7.93
1981	3.1	407.36	47.7	8.54
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS — SIC 30				
1977	4.1	197.96	41.5	4.77
1978	4.3	208.80	40.0	5.22
1979	4.4	220.66	37.4	5.90
1980	3.9	253.84	38.0	6.68
1981	3.8	297.88	40.2	7.41

See footnotes at end of tables.

PENNSYLVANIA

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
ERIE (Con.)				
TRANSPORTATION AND PUBLIC UTILITIES				
1977	5.2	-	-	-
1978	5.3	-	-	-
1979	5.2	-	-	-
1980	5.2	-	-	-
1981	5.0	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	21.6	-	-	-
1978	23.2	-	-	-
1979	23.3	-	-	-
1980	22.0	-	-	-
1981	21.7	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	4.4	-	-	-
1978	4.3	-	-	-
1979	4.3	-	-	-
1980	4.2	-	-	-
1981	4.0	-	-	-
RETAIL TRADE — SIC 52-59				
1977	17.2	-	-	-
1978	18.9	-	-	-
1979	19.1	-	-	-
1980	17.8	-	-	-
1981	17.6	-	-	-
GENERAL MERCHANDISE STORES — SIC 53				
1980	2.8	-	-	-
1981	2.7	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	4.3	-	-	-
1978	4.6	-	-	-
1979	4.7	-	-	-
1980	4.9	-	-	-
1981	4.8	-	-	-
BANKING — SIC 60				
1977	1.6	-	-	-
1978	1.7	-	-	-
1979	1.7	-	-	-
1980	1.7	-	-	-
1981	1.7	-	-	-
SERVICES AND MINING				
1977	19.4	-	-	-
1978	20.0	-	-	-
1979	21.3	-	-	-
1980	21.7	-	-	-
1981	22.4	-	-	-
HOSPITALS — SIC 806				
1977	4.2	-	-	-
1978	4.4	-	-	-
1979	4.6	-	-	-
1980	4.9	-	-	-
1981	5.2	-	-	-
SERVICES, EXCEPT HOSPITALS, AND MINING				
1977	15.2	-	-	-
1978	15.6	-	-	-
1979	16.7	-	-	-
1980	16.8	-	-	-
1981	17.2	-	-	-
GOVERNMENT				
1977	13.6	-	-	-
1978	14.4	-	-	-
1979	14.1	-	-	-
1980	13.7	-	-	-
1981	12.5	-	-	-
FEDERAL GOVERNMENT				
1977	1.2	-	-	-
1978	1.2	-	-	-
1979	1.2	-	-	-
ERIE (Con.)				
FEDERAL GOVERNMENT (Con.)				
1980	1.3	-	-	-
1981	1.3	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	12.4	-	-	-
1978	13.2	-	-	-
1979	12.9	-	-	-
1980	12.3	-	-	-
1981	11.2	-	-	-
HARRISBURG				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	207.9	-	-	-
1978	214.4	-	-	-
1979	221.0	-	-	-
1980	222.7	-	-	-
1981	225.6	-	-	-
TOTAL PRIVATE				
1977	152.8	-	-	-
1978	159.6	-	-	-
1979	165.1	-	-	-
1980	165.3	-	-	-
1981	165.9	-	-	-
CONSTRUCTION				
1977	9.0	-	-	-
1978	9.4	-	-	-
1979	9.2	-	-	-
1980	8.5	-	-	-
1981	7.9	-	-	-
MANUFACTURING				
1977	40.0	206.19	39.5	5.22
1978	41.9	229.25	39.8	5.76
1979	43.6	264.55	40.7	6.50
1980	42.3	290.79	40.5	7.18
1981	41.9	308.83	39.9	7.74
DURABLE GOODS				
1977	19.8	241.74	39.5	6.12
1978	21.1	269.87	40.4	6.68
1979	22.1	324.63	43.4	7.48
1980	21.3	357.00	42.5	8.40
1981	20.5	369.49	41.1	8.99
PRIMARY AND FABRICATED METALS — SIC 33,34				
1977	6.5	-	-	-
1978	6.3	325.17	39.8	8.17
1979	6.4	435.67	45.1	9.66
1980	6.3	491.95	44.4	11.08
1981	6.3	479.33	41.5	11.55
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	2.8	185.18	39.4	4.70
1978	3.0	208.08	40.8	5.10
1979	2.8	253.80	42.8	5.93
1980	2.5	304.17	44.6	6.82
1981	2.0	323.51	45.5	7.11
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	6.2	191.63	40.6	4.72
1978	6.9	210.33	41.0	5.13
1979	7.5	223.97	42.1	5.32
1980	7.8	229.60	40.0	5.74
1981	7.9	258.08	40.2	6.42
TRANSPORTATION EQUIPMENT — SIC 37				
1977	2.3	-	-	-
1978	2.7	-	-	-
1979	3.1	-	-	-
1980	2.6	-	-	-
1981	2.3	-	-	-
HARRISBURG (Con.)				
NONDURABLE GOODS				
1977	20.1	177.75	39.5	4.50
1978	20.7	196.11	39.3	4.99
1979	21.5	212.08	38.7	5.48
1980	21.0	235.13	38.8	6.06
1981	21.4	262.47	39.0	6.73
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	7.6	211.75	38.5	5.50
1978	7.7	242.81	39.1	6.21
1979	8.3	268.62	39.1	6.87
1980	8.4	300.68	39.1	7.69
1981	9.0	328.16	39.3	8.35
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	3.2	125.95	38.4	3.28
1978	3.4	134.17	37.9	3.54
1979	3.4	140.07	36.1	3.88
1980	3.4	152.22	35.9	4.24
1981	3.3	169.00	36.5	4.63
PRINTING AND PUBLISHING — SIC 27				
1977	2.1	217.16	38.3	5.67
1978	2.1	229.15	37.2	6.16
1979	2.2	240.96	37.3	6.46
1980	2.2	257.31	37.4	6.88
1981	2.2	309.57	40.1	7.72
LEATHER AND LEATHER PRODUCTS — SIC 31				
1977	3.0	131.43	39.0	3.37
1978	3.0	135.75	37.5	3.62
1979	2.9	157.59	40.1	3.93
1980	2.7	177.61	41.4	4.29
1981	2.7	183.14	39.9	4.59
TRANSPORTATION AND PUBLIC UTILITIES				
1977	15.3	-	-	-
1978	15.9	-	-	-
1979	17.0	-	-	-
1980	17.0	-	-	-
1981	16.9	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	42.2	-	-	-
1978	44.7	-	-	-
1979	45.5	-	-	-
1980	45.7	-	-	-
1981	45.5	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	11.1	-	-	-
1978	11.8	-	-	-
1979	12.2	-	-	-
1980	12.3	-	-	-
1981	12.6	-	-	-
RETAIL TRADE — SIC 52-59				
1977	31.1	-	-	-
1978	33.0	-	-	-
1979	33.3	-	-	-
1980	33.3	-	-	-
1981	32.9	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	11.4	-	-	-
1978	12.1	-	-	-
1979	12.8	-	-	-
1980	12.8	-	-	-
1981	12.8	-	-	-
BANKING — SIC 60				
1977	2.6	-	-	-
1978	2.8	-	-	-
1979	2.9	-	-	-
1980	2.9	-	-	-
1981	2.9	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
HARRISBURG (Con.)				
INSURANCE CARRIERS — SIC 63				
1977	6.1	-	-	-
1978	6.4	-	-	-
1979	6.9	-	-	-
1980	7.1	-	-	-
1981	7.1	-	-	-
SERVICES AND MINING				
1977	34.9	-	-	-
1978	35.6	-	-	-
1979	37.1	-	-	-
1980	39.0	-	-	-
1981	40.9	-	-	-
HEALTH SERVICES — SIC 80				
1980	11.0	-	-	-
1981	12.1	-	-	-
HOSPITALS — SIC 806				
1977	5.2	-	-	-
1978	5.4	-	-	-
1979	5.6	-	-	-
1980	5.9	-	-	-
1981	6.5	-	-	-
GOVERNMENT				
1977	55.1	-	-	-
1978	54.8	-	-	-
1979	56.0	-	-	-
1980	57.5	-	-	-
1981	59.7	-	-	-
FEDERAL GOVERNMENT				
1977	9.5	-	-	-
1978	9.8	-	-	-
1979	9.9	-	-	-
1980	10.2	-	-	-
1981	10.4	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	45.6	-	-	-
1978	45.0	-	-	-
1979	46.1	-	-	-
1980	47.2	-	-	-
1981	49.3	-	-	-
JOHNSTOWN				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	87.7	-	-	-
1978	87.3	-	-	-
1979	90.6	-	-	-
1980	84.9	-	-	-
1981	81.9	-	-	-
TOTAL PRIVATE				
1977	73.6	-	-	-
1978	73.0	-	-	-
1979	75.4	-	-	-
1980	70.7	-	-	-
1981	67.3	-	-	-
MINING				
1977	9.0	-	-	-
1978	8.2	-	-	-
1979	9.6	-	-	-
1980	8.4	-	-	-
1981	7.3	-	-	-
CONSTRUCTION				
1977	3.0	-	-	-
1978	3.3	-	-	-
1979	3.4	-	-	-
1980	2.8	-	-	-
1981	2.7	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
JOHNSTOWN (Con.)				
MANUFACTURING				
1977	21.2	249.60	39.0	6.40
1978	20.2	274.69	40.1	6.85
1979	20.3	299.44	39.4	7.60
1980	18.7	311.17	37.0	8.41
1981	17.0	328.24	37.3	8.80
DURABLE GOODS				
1977	15.7	291.46	39.6	7.36
1978	14.3	327.18	41.0	7.98
1979	14.4	360.45	40.5	8.90
1980	13.0	379.55	38.3	9.91
1981	11.2	409.43	38.3	10.69
PRIMARY METALS, FABRICATED METALS, AND MACHINERY — SIC 33-36				
1980	9.1	415.34	38.6	10.76
1981	8.4	450.07	38.5	11.69
TRANSPORTATION EQUIPMENT — SIC 37				
1980	2.4	-	-	-
1981	1.3	-	-	-
NONDURABLE GOODS				
1977	5.5	133.93	37.1	3.61
1978	5.9	142.88	38.0	3.76
1979	5.9	150.88	36.8	4.10
1980	5.7	165.33	34.3	4.82
1981	5.8	187.80	35.5	5.29
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	1.2	159.84	35.6	4.49
1978	1.3	163.44	32.3	5.06
1979	1.3	195.46	33.7	5.80
1980	1.3	233.58	36.9	6.33
1981	1.3	273.78	40.5	6.76
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	3.5	118.50	37.5	3.16
1978	3.7	128.48	39.9	3.22
1979	3.7	130.88	37.5	3.49
1980	3.5	136.70	33.1	4.13
1981	3.6	155.60	33.9	4.59
TRANSPORTATION AND PUBLIC UTILITIES				
1977	5.5	-	-	-
1978	5.5	-	-	-
1979	5.7	-	-	-
1980	4.9	-	-	-
1981	4.9	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	16.6	-	-	-
1978	16.7	-	-	-
1979	16.8	-	-	-
1980	16.2	-	-	-
1981	15.6	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	2.9	-	-	-
1978	3.0	-	-	-
1979	3.3	-	-	-
1980	3.3	-	-	-
1981	3.3	-	-	-
RETAIL TRADE — SIC 52-59				
1977	13.7	-	-	-
1978	13.7	-	-	-
1979	13.4	-	-	-
1980	12.9	-	-	-
1981	12.4	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	3.4	-	-	-
1978	3.6	-	-	-
1979	3.8	-	-	-
1980	3.9	-	-	-
1981	4.0	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
JOHNSTOWN (Con.)				
BANKING — SIC 60				
1977	1.3	-	-	-
1978	1.4	-	-	-
1979	1.5	-	-	-
1980	1.6	-	-	-
1981	1.6	-	-	-
SERVICES				
1977	14.8	-	-	-
1978	15.5	-	-	-
1979	15.8	-	-	-
1980	15.7	-	-	-
1981	15.7	-	-	-
HEALTH SERVICES — SIC 80				
1977	5.7	-	-	-
1978	6.0	-	-	-
1979	6.2	-	-	-
1980	6.3	-	-	-
1981	6.5	-	-	-
HOSPITALS — SIC 806				
1977	4.3	-	-	-
1978	4.4	-	-	-
1979	4.5	-	-	-
1980	4.6	-	-	-
1981	4.7	-	-	-
HEALTH SERVICES, EXCEPT HOSPITALS — SIC 801-5,7-9				
1977	1.5	-	-	-
1978	1.6	-	-	-
1979	1.7	-	-	-
1980	1.7	-	-	-
1981	1.8	-	-	-
GOVERNMENT				
1977	14.1	-	-	-
1978	14.3	-	-	-
1979	15.2	-	-	-
1980	14.3	-	-	-
1981	14.6	-	-	-
FEDERAL GOVERNMENT				
1977	.9	-	-	-
1978	1.0	-	-	-
1979	1.2	-	-	-
1980	1.2	-	-	-
1981	1.2	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	13.2	-	-	-
1978	13.4	-	-	-
1979	14.0	-	-	-
1980	13.0	-	-	-
1981	13.4	-	-	-
LANCASTER				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	141.3	-	-	-
1978	149.3	-	-	-
1979	155.0	-	-	-
1980	153.7	-	-	-
1981	154.1	-	-	-
TOTAL PRIVATE				
1977	127.3	-	-	-
1978	134.1	-	-	-
1979	140.0	-	-	-
1980	138.6	-	-	-
1981	139.0	-	-	-
CONSTRUCTION				
1977	7.3	-	-	-
1978	7.9	-	-	-
1979	8.1	-	-	-
1980	7.1	-	-	-
1981	6.4	-	-	-

See footnotes at end of tables.

PENNSYLVANIA

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
LANCASTER (Con.)				
MANUFACTURING				
1977	56.7	205.65	39.7	5.18
1978	59.2	224.80	40.0	5.62
1979	60.9	246.04	40.6	6.06
1980	59.3	260.55	39.9	6.53
1981	59.4	283.02	39.2	7.22
DURABLE GOODS				
1977	34.4	229.63	41.3	5.56
1978	36.2	248.40	41.4	6.00
1979	37.6	271.12	42.1	6.44
1980	36.3	285.52	41.2	6.93
1981	35.8	303.76	39.5	7.69
LUMBER, AND FURNITURE — SIC 24,25				
1977	2.5	204.85	39.7	5.16
1978	2.5	224.26	40.7	5.51
1979	2.5	240.35	40.6	5.92
1980	2.2	261.06	40.6	6.43
1981	2.1	273.14	39.3	6.95
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	2.2	236.06	40.7	5.80
1978	2.2	266.27	42.4	6.28
1979	2.3	298.51	43.2	6.91
1980	2.3	325.93	43.4	7.51
1981	2.3	346.11	41.6	8.32
PRIMARY METAL INDUSTRIES — SIC 33				
1977	3.3	196.71	39.5	4.98
1978	3.8	217.88	40.2	5.42
1979	3.9	230.22	39.9	5.77
1980	3.8	245.48	38.0	6.46
1981	3.7	266.76	39.0	6.84
IRON AND STEEL FOUNDRIES — SIC 332				
1977	1.3	203.42	38.6	5.27
1978	1.6	227.92	40.7	5.60
1979	1.6	236.61	39.7	5.96
1980	1.4	271.21	38.8	6.99
1981	1.3	274.99	38.3	7.18
FABRICATED METAL PRODUCTS — SIC 34				
1977	7.7	226.59	40.9	5.54
1978	8.4	240.17	40.5	5.93
1979	8.9	266.70	42.4	6.29
1980	8.6	292.40	43.0	6.80
1981	8.7	305.66	39.8	7.68
FABRICATED STRUCTURAL METAL PRODUCTS — SIC 344				
1977	1.7	258.17	43.1	5.99
1978	1.8	282.00	44.2	6.38
1979	1.9	304.78	44.3	6.88
1980	1.9	340.17	44.7	7.61
1981	2.0	349.32	42.6	8.20
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	5.5	285.05	44.4	6.42
1978	6.0	301.15	43.9	6.86
1979	6.4	329.00	47.0	7.00
1980	6.6	340.34	44.9	7.58
1981	6.4	351.74	40.9	8.60
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	5.6	201.14	40.8	4.93
1978	5.7	233.94	42.0	5.57
1979	6.0	260.42	40.5	6.43
1980	6.0	256.03	38.1	6.72
1981	5.9	268.09	37.6	7.13
NONDURABLE GOODS				
1977	22.3	174.46	37.6	4.64
1978	23.0	194.95	38.3	5.09
1979	23.3	213.62	38.7	5.52
1980	22.9	225.93	38.1	5.93
1981	23.6	255.81	38.7	6.61

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
LANCASTER (Con.)				
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	5.3	193.65	39.2	4.94
1978	6.0	219.23	40.3	5.44
1979	6.3	237.12	39.0	6.08
1980	6.2	254.80	38.9	6.55
1981	6.1	316.35	41.9	7.55
TEXTILE MILL PRODUCTS — SIC 22				
1977	2.6	180.16	37.3	4.83
1978	2.5	214.09	39.5	5.42
1979	2.5	239.36	40.5	5.91
1980	2.4	232.99	37.1	6.28
1981	2.5	251.03	37.3	6.73
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	5.2	119.62	33.6	3.56
1978	5.2	128.73	33.7	3.82
1979	5.5	143.24	34.6	4.14
1980	5.5	163.79	35.3	4.64
1981	5.5	180.07	36.6	4.92
WOMEN'S AND MISSES' OUTERWEAR — SIC 233				
1977	1.3	123.13	33.1	3.72
1978	1.3	128.97	32.9	3.92
1979	1.4	141.17	34.6	4.08
1990	1.3	152.15	34.5	4.41
1901	1.6	160.99	33.4	4.82
WOMEN'S AND CHILDREN'S UNDERGARMENTS — SIC 234				
1977	1.5	127.13	33.9	3.75
1978	1.5	135.66	34.0	3.99
1979	1.5	142.23	33.0	4.31
1980	1.7	157.85	33.8	4.67
1981	1.7	177.99	34.9	5.10
PRINTING AND PUBLISHING — SIC 27				
1977	3.6	229.70	39.4	5.83
1978	3.9	248.44	40.2	6.18
1979	4.0	265.68	40.5	6.56
1980	4.3	261.71	38.6	6.78
1981	4.6	308.49	39.0	7.91
COMMERCIAL PRINTING — SIC 275				
1977	1.1	216.14	40.1	5.39
1978	1.2	240.51	41.9	5.74
1979	1.4	259.34	42.1	6.16
1980	1.5	274.39	41.2	6.66
1981	1.5	293.28	39.0	7.52
LEATHER AND LEATHER PRODUCTS — SIC 31				
1977	1.9	130.57	37.2	3.51
1978	1.8	140.24	37.1	3.78
1979	1.7	148.27	36.7	4.04
1980	1.4	168.06	37.1	4.53
1981	1.5	158.78	34.0	4.67
TRANSPORTATION AND PUBLIC UTILITIES				
1977	6.1	-	-	-
1978	6.2	-	-	-
1979	6.4	-	-	-
1980	6.2	-	-	-
1981	6.3	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	31.0	-	-	-
1978	32.7	-	-	-
1979	34.2	-	-	-
1980	34.1	-	-	-
1981	33.9	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	7.2	-	-	-
1978	7.4	-	-	-
1979	7.9	-	-	-
1980	8.1	-	-	-
1981	7.6	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
LANCASTER (Con.)				
RETAIL TRADE — SIC 52-59				
1977	23.8	-	-	-
1978	25.4	-	-	-
1979	26.2	-	-	-
1980	26.1	-	-	-
1981	26.3	-	-	-
GENERAL MERCHANDISE STORES — SIC 53				
1977	3.4	-	-	-
1978	3.6	-	-	-
1979	3.5	-	-	-
1980	3.5	-	-	-
1981	3.5	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	4.4	-	-	-
1978	5.0	-	-	-
1979	5.2	-	-	-
1980	5.5	-	-	-
1981	5.8	-	-	-
BANKING — SIC 60				
1977	2.1	-	-	-
1978	2.3	-	-	-
1979	2.5	-	-	-
1980	2.7	-	-	-
1981	2.8	-	-	-
SERVICES AND MINING				
1977	21.9	-	-	-
1978	23.2	-	-	-
1979	25.2	-	-	-
1980	26.4	-	-	-
1981	27.2	-	-	-
HOSPITALS — SIC 806				
1977	3.5	-	-	-
1978	3.6	-	-	-
1979	3.8	-	-	-
1980	4.1	-	-	-
1981	4.3	-	-	-
GOVERNMENT				
1977	14.0	-	-	-
1978	15.2	-	-	-
1979	15.0	-	-	-
1980	15.1	-	-	-
1981	15.1	-	-	-
FEDERAL GOVERNMENT				
1977	1.0	-	-	-
1978	1.0	-	-	-
1979	1.1	-	-	-
1980	1.3	-	-	-
1981	1.2	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	13.0	-	-	-
1978	14.2	-	-	-
1979	14.0	-	-	-
1980	13.9	-	-	-
1981	13.9	-	-	-
NORTHEAST PENNSYLVANIA				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	232.7	-	-	-
1978	241.3	-	-	-
1979	243.9	-	-	-
1980	238.9	-	-	-
1981	238.9	-	-	-
TOTAL PRIVATE				
1977	194.8	-	-	-
1978	201.8	-	-	-
1979	204.0	-	-	-
1980	199.6	-	-	-
1981	200.5	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Production or nonsupervisory workers: Average weekly hours	Production or nonsupervisory workers: Average hourly earnings (dollars)
NORTHEAST PENNSYLVANIA (Con.)				
MINING				
1977	1.3	-	-	-
1978	1.2	-	-	-
1979	1.1	-	-	-
1980	1.2	-	-	-
1981	1.1	-	-	-
CONSTRUCTION				
1977	12.2	-	-	-
1978	13.3	-	-	-
1979	12.8	-	-	-
1980	10.9	-	-	-
1981	10.8	-	-	-
MANUFACTURING				
1977	70.9	167.50	36.1	4.64
1978	73.3	184.76	37.1	4.98
1979	73.6	195.98	36.7	5.34
1980	70.0	215.72	36.5	5.91
1981	68.6	234.15	36.7	6.38
DURABLE GOODS				
1977	27.6	209.79	40.5	5.18
1978	29.1	231.54	41.2	5.62
1979	30.0	240.57	40.5	5.94
1980	28.9	266.67	40.1	6.65
1981	28.1	286.31	40.1	7.14
FURNITURE AND FIXTURES — SIC 25				
1977	1.2	201.37	38.8	5.19
1978	1.3	214.91	36.8	5.84
1979	1.4	231.76	37.2	6.23
1980	1.3	254.88	37.1	6.87
1981	1.4	276.31	36.5	7.57
FABRICATED METAL PRODUCTS — SIC 34				
1977	5.8	226.87	41.1	5.52
1978	6.3	254.99	43.0	5.93
1979	6.5	267.62	41.3	6.48
1980	6.7	294.82	41.7	7.07
1981	6.5	313.13	40.3	7.77
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	4.4	210.36	39.1	5.38
1978	4.9	239.98	40.4	5.94
1979	5.3	273.26	42.3	6.46
1980	5.8	312.34	43.2	7.23
1981	5.7	316.01	41.8	7.56
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	6.7	205.67	41.3	4.98
1978	6.7	220.66	41.4	5.33
1979	6.5	194.29	37.8	5.14
1980	5.7	197.48	33.7	5.86
1981	5.3	252.88	37.8	6.69
TRANSPORTATION EQUIPMENT — SIC 37				
1977	1.2	253.64	42.7	5.94
1978	1.5	281.11	41.4	6.79
1979	1.5	299.84	41.3	7.26
1980	1.2	322.29	40.9	7.88
1981	1.0	362.25	41.4	8.75
NONDURABLE GOODS				
1977	43.3	145.77	33.9	4.30
1978	44.2	157.89	34.7	4.55
1979	43.6	168.07	34.3	4.90
1980	41.1	182.44	34.1	5.35
1981	40.6	201.72	34.6	5.83
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	4.9	-	-	-
1978	4.7	-	-	-
1979	4.5	-	-	-
1980	4.1	-	-	-
1981	3.9	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Production or nonsupervisory workers: Average weekly hours	Production or nonsupervisory workers: Average hourly earnings (dollars)
NORTHEAST PENNSYLVANIA (Con.)				
TEXTILE MILL PRODUCTS — SIC 22				
1977	3.8	145.84	37.3	3.91
1978	3.8	154.88	37.5	4.13
1979	3.9	180.12	39.5	4.56
1980	3.4	189.09	38.2	4.95
1981	3.4	209.91	38.8	5.41
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	20.8	119.26	30.5	3.91
1978	21.5	131.84	32.0	4.12
1979	20.7	138.53	31.2	4.44
1980	19.5	150.48	30.9	4.87
1981	19.2	163.49	31.2	5.24
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	1.7	244.47	43.5	5.62
1978	1.7	223.56	41.4	5.40
1979	1.7	234.52	41.0	5.72
1980	1.6	266.59	40.7	6.55
1981	1.7	320.19	41.8	7.66
PRINTING AND PUBLISHING — SIC 27				
1977	4.0	204.09	34.3	5.95
1978	4.3	223.46	36.1	6.19
1979	5.0	238.71	36.5	6.54
1980	5.2	263.17	36.4	7.23
1981	5.3	282.78	36.3	7.79
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	1.1	196.89	40.1	4.91
1978	1.2	230.37	42.9	5.37
1979	1.2	232.96	41.6	5.60
1980	1.3	241.96	39.6	6.11
1981	1.2	266.76	38.0	7.02
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS — SIC 30				
1977	3.1	161.99	36.9	4.39
1978	3.4	199.53	39.2	5.09
1979	3.5	209.24	37.7	5.55
1980	3.3	215.76	37.2	5.80
1981	3.2	250.58	39.4	6.36
LEATHER AND LEATHER PRODUCTS — SIC 31				
1977	2.3	132.46	37.0	3.58
1978	1.8	123.65	33.6	3.68
1979	1.6	135.19	34.4	3.93
1980	1.6	146.11	35.9	4.07
1981	1.5	156.82	36.3	4.32
TRANSPORTATION AND PUBLIC UTILITIES				
1977	12.3	-	-	-
1978	12.9	-	-	-
1979	13.5	-	-	-
1980	13.1	-	-	-
1981	12.9	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	49.4	-	-	-
1978	50.7	-	-	-
1979	50.6	-	-	-
1980	50.1	-	-	-
1981	50.2	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	10.6	-	-	-
1978	11.1	-	-	-
1979	11.3	-	-	-
1980	11.7	-	-	-
1981	11.9	-	-	-
RETAIL TRADE — SIC 52-59				
1977	38.7	-	-	-
1978	39.6	-	-	-
1979	39.3	-	-	-
1980	38.5	-	-	-
1981	38.2	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Production or nonsupervisory workers: Average weekly hours	Production or nonsupervisory workers: Average hourly earnings (dollars)
NORTHEAST PENNSYLVANIA (Con.)				
FINANCE, INSURANCE, AND REAL ESTATE				
1977	8.7	-	-	-
1978	9.1	-	-	-
1979	9.3	-	-	-
1980	9.6	-	-	-
1981	9.9	-	-	-
BANKING — SIC 60				
1977	3.7	-	-	-
1978	4.0	-	-	-
1979	4.1	-	-	-
1980	4.3	-	-	-
1981	4.5	-	-	-
OTHER FINANCE, INSURANCE, AND REAL ESTATE				
1980	5.3	-	-	-
1981	5.5	-	-	-
SERVICES				
1977	40.0	-	-	-
1978	41.4	-	-	-
1979	43.1	-	-	-
1980	44.6	-	-	-
1981	47.1	-	-	-
HOSPITALS — SIC 806				
1977	7.2	-	-	-
1978	7.5	-	-	-
1979	8.1	-	-	-
1980	8.8	-	-	-
1981	10.0	-	-	-
SERVICES, EXCEPT HOSPITALS				
1980	35.8	-	-	-
1981	37.1	-	-	-
GOVERNMENT				
1977	37.9	-	-	-
1978	39.5	-	-	-
1979	39.9	-	-	-
1980	39.3	-	-	-
1981	38.4	-	-	-
FEDERAL GOVERNMENT				
1977	8.0	-	-	-
1978	8.4	-	-	-
1979	8.7	-	-	-
1980	8.5	-	-	-
1981	8.6	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	29.9	-	-	-
1978	31.0	-	-	-
1979	31.1	-	-	-
1980	30.8	-	-	-
1981	29.8	-	-	-
PHILADELPHIA SMSA				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	1,827.8	-	-	-
1978	1,884.2	-	-	-
1979	1,918.7	-	-	-
1980	1,922.8	-	-	-
1981	1,924.8	-	-	-
TOTAL PRIVATE				
1977	1,531.1	-	-	-
1978	1,581.9	-	-	-
1979	1,619.8	-	-	-
1980	1,618.1	-	-	-
1981	1,627.8	-	-	-
CONSTRUCTION				
1977	64.4	-	-	-
1978	70.5	-	-	-
1979	76.3	-	-	-
1980	76.9	-	-	-
1981	74.4	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
PHILADELPHIA SMSA (Con.)				
MANUFACTURING				
1977	446.4	239.60	39.8	6.02
1978	451.0	261.20	40.0	6.53
1979	454.0	281.50	40.1	7.02
1980	440.1	302.84	39.9	7.59
1981	430.7	332.80	40.0	8.32
DURABLE GOODS				
1977	231.3	255.02	41.0	6.22
1978	235.6	278.21	41.4	6.72
1979	243.4	299.74	41.4	7.24
1980	236.7	320.28	40.8	7.85
1981	231.0	350.47	40.8	8.59
FURNITURE AND FIXTURES — SIC 25				
1977	7.6	213.73	39.8	5.37
1978	7.7	254.47	42.2	6.03
1979	7.8	267.04	40.4	6.61
1980	7.2	277.97	38.5	7.22
1981	7.3	302.35	40.1	7.54
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	14.2	249.70	43.2	5.78
1978	14.8	268.38	42.6	6.30
1979	15.2	297.22	43.2	6.88
1980	14.1	309.67	41.4	7.48
1981	13.1	331.64	41.3	8.03
PRIMARY METAL INDUSTRIES — SIC 33				
1977	25.9	299.30	39.8	7.52
1978	25.4	333.33	40.6	8.21
1979	26.3	363.89	39.9	9.12
1980	24.3	397.29	41.0	9.69
1981	23.4	427.35	40.7	10.50
FABRICATED METAL PRODUCTS — SIC 34				
1977	35.2	253.38	41.0	6.18
1978	37.6	280.06	41.8	6.70
1979	39.6	306.00	42.5	7.20
1980	39.0	330.26	41.7	7.92
1981	36.9	352.19	41.0	8.59
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	49.3	271.34	41.3	6.57
1978	49.2	296.52	42.0	7.06
1979	50.0	311.22	42.4	7.34
1980	50.7	335.58	42.0	7.99
1981	51.1	376.41	41.5	9.07
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	41.2	226.70	40.7	5.57
1978	42.2	239.72	40.7	5.89
1979	43.3	250.11	39.7	6.30
1980	42.2	256.13	38.4	6.67
1981	42.0	284.57	39.8	7.15
TRANSPORTATION EQUIPMENT — SIC 37				
1977	26.3	296.38	42.1	7.04
1978	26.6	311.74	41.9	7.44
1979	27.3	339.71	42.2	8.05
1980	26.9	367.77	41.0	8.97
1981	26.3	411.67	40.8	10.09
INSTRUMENTS AND RELATED PRODUCTS — SIC 38				
1977	19.0	226.44	40.8	5.55
1978	20.3	241.79	39.9	6.06
1979	22.5	262.68	40.6	6.47
1980	22.2	269.28	39.6	6.80
1981	22.1	305.18	40.8	7.48
NONDURABLE GOODS				
1977	215.2	223.30	38.5	5.80
1978	215.4	243.95	38.6	6.32
1979	210.6	262.00	38.7	6.77
1980	203.4	282.46	38.8	7.28
1981	199.6	311.61	39.0	7.99

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
PHILADELPHIA SMSA (Con.)				
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	40.4	238.36	40.4	5.90
1978	39.7	255.33	40.4	6.32
1979	38.6	270.54	40.5	6.68
1980	37.1	292.93	39.8	7.36
1981	35.4	328.05	40.6	8.08
TEXTILE MILL PRODUCTS — SIC 22				
1977	16.4	158.79	37.1	4.28
1978	16.2	162.08	35.7	4.54
1979	14.2	170.65	35.7	4.78
1980	12.7	190.37	36.4	5.23
1981	12.2	205.90	35.5	5.80
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	33.4	148.52	34.7	4.28
1978	33.0	160.18	34.3	4.67
1979	31.2	168.11	34.1	4.93
1980	30.6	184.25	35.5	5.19
1981	30.2	204.42	35.8	5.71
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	20.0	251.82	42.9	5.87
1978	20.6	288.60	44.4	6.50
1979	20.7	311.58	43.7	7.13
1980	19.9	301.14	42.0	7.17
1981	19.5	311.85	40.5	7.70
PRINTING AND PUBLISHING — SIC 27				
1977	37.6	231.80	34.7	6.68
1978	38.0	249.47	34.6	7.21
1979	37.8	260.19	34.6	7.52
1980	38.4	291.27	36.5	7.98
1981	39.2	326.38	37.3	8.75
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	37.1	273.64	40.6	6.74
1978	36.9	297.75	40.9	7.28
1979	36.8	322.26	41.0	7.86
1980	36.8	357.38	40.2	8.89
1981	36.0	398.40	41.2	9.67
PETROLEUM AND COAL PRODUCTS — SIC 29				
1977	12.6	364.10	43.5	8.37
1978	12.5	400.40	44.0	9.10
1979	12.5	425.65	44.9	9.48
1980	11.9	451.50	43.8	10.31
1981	12.4	524.61	43.9	11.95
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS — SIC 30				
1977	16.6	257.00	42.2	6.09
1978	17.2	285.78	42.4	6.74
1979	17.7	315.19	43.0	7.33
1980	14.9	318.78	42.0	7.59
1981	13.7	335.33	42.5	7.89
TRANSPORTATION AND PUBLIC UTILITIES				
1977	97.4	-	-	-
1978	100.1	-	-	-
1979	101.2	-	-	-
1980	98.4	-	-	-
1981	96.5	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	402.1	-	-	-
1978	418.2	-	-	-
1979	420.5	-	-	-
1980	416.0	-	-	-
1981	419.6	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	107.1	-	-	-
1978	111.4	-	-	-
1979	115.8	-	-	-
1980	118.0	-	-	-
1981	120.7	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
PHILADELPHIA SMSA (Con.)				
RETAIL TRADE — SIC 52-59				
1977	295.0	-	-	-
1978	306.7	-	-	-
1979	304.8	-	-	-
1980	298.0	-	-	-
1981	298.9	-	-	-
GENERAL MERCHANDISE STORES — SIC 53				
1977	53.5	-	-	-
1978	53.7	-	-	-
1979	51.6	-	-	-
1980	48.1	-	-	-
1981	48.2	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	114.9	-	-	-
1978	120.2	-	-	-
1979	124.0	-	-	-
1980	125.9	-	-	-
1981	128.9	-	-	-
BANKING — SIC 60				
1977	32.4	-	-	-
1978	33.1	-	-	-
1979	34.1	-	-	-
1980	34.9	-	-	-
1981	35.2	-	-	-
SERVICES AND MINING				
1977	405.9	-	-	-
1978	422.0	-	-	-
1979	443.8	-	-	-
1980	460.9	-	-	-
1981	477.7	-	-	-
HEALTH SERVICES — SIC 80				
1977	119.7	-	-	-
1978	127.4	-	-	-
1979	133.7	-	-	-
1980	139.1	-	-	-
1981	145.7	-	-	-
HOSPITALS — SIC 806				
1977	73.5	-	-	-
1978	76.7	-	-	-
1979	79.8	-	-	-
1980	83.4	-	-	-
1981	87.0	-	-	-
HEALTH SERVICES, EXCEPT HOSPITALS — SIC 801-5,7-9				
1977	46.2	-	-	-
1978	50.7	-	-	-
1979	53.9	-	-	-
1980	55.6	-	-	-
1981	58.7	-	-	-
GOVERNMENT				
1977	296.7	-	-	-
1978	302.3	-	-	-
1979	298.9	-	-	-
1980	304.6	-	-	-
1981	297.0	-	-	-
FEDERAL GOVERNMENT				
1977	73.4	-	-	-
1978	73.1	-	-	-
1979	72.8	-	-	-
1980	75.3	-	-	-
1981	74.8	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	223.3	-	-	-
1978	229.1	-	-	-
1979	226.1	-	-	-
1980	229.3	-	-	-
1981	222.2	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Production or nonsupervisory workers: Average weekly hours	Production or nonsupervisory workers: Average hourly earnings (dollars)
PHILADELPHIA CITY[1]				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	792.0	-	-	-
1978	796.3	-	-	-
1979	792.8	-	-	-
1980	781.7	-	-	-
1981	775.7	-	-	-
TOTAL PRIVATE				
1977	642.6	-	-	-
1978	647.7	-	-	-
1979	645.2	-	-	-
1980	634.5	-	-	-
1981	633.0	-	-	-
CONSTRUCTION				
1977	16.2	-	-	-
1978	17.3	-	-	-
1979	18.9	-	-	-
1980	20.6	-	-	-
1981	19.9	-	-	-
MANUFACTURING				
1977	153.7	-	-	-
1978	150.3	-	-	-
1979	143.4	-	-	-
1980	134.9	-	-	-
1981	129.9	-	-	-
DURABLE GOODS				
1977	56.0	-	-	-
1978	54.9	-	-	-
1979	53.4	-	-	-
1980	48.8	-	-	-
1981	46.5	-	-	-
FURNITURE AND FIXTURES — SIC 25				
1977	3.3	-	-	-
1978	3.2	-	-	-
1979	3.1	-	-	-
1980	2.8	-	-	-
1981	2.8	-	-	-
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	1.6	-	-	-
1978	1.7	-	-	-
1979	1.6	-	-	-
1980	1.4	-	-	-
1981	1.3	-	-	-
PRIMARY METAL INDUSTRIES — SIC 33				
1977	2.4	-	-	-
1978	2.7	-	-	-
1979	2.8	-	-	-
1980	2.7	-	-	-
1981	2.7	-	-	-
FABRICATED METAL PRODUCTS — SIC 34				
1977	14.3	-	-	-
1978	14.3	-	-	-
1979	13.8	-	-	-
1980	12.1	-	-	-
1981	10.8	-	-	-
FABRICATED STRUCTURAL METAL PRODUCTS — SIC 344				
1977	2.9	-	-	-
1978	2.8	-	-	-
1979	2.6	-	-	-
1980	2.6	-	-	-
1981	2.3	-	-	-
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	10.6	-	-	-
1978	9.8	-	-	-
1979	9.3	-	-	-
1980	9.2	-	-	-
1981	8.9	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Production or nonsupervisory workers: Average weekly hours	Production or nonsupervisory workers: Average hourly earnings (dollars)
PHILADELPHIA CITY[1] (Con.)				
SPECIAL INDUSTRY MACHINERY — SIC 355				
1977	1.7	-	-	-
1978	1.7	-	-	-
1979	1.7	-	-	-
1980	1.7	-	-	-
1981	1.5	-	-	-
GENERAL INDUSTRIAL MACHINERY — SIC 356				
1977	3.3	-	-	-
1978	2.8	-	-	-
1979	2.5	-	-	-
1980	2.7	-	-	-
1981	3.0	-	-	-
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	12.2	-	-	-
1978	11.6	-	-	-
1979	11.0	-	-	-
1980	9.3	-	-	-
1981	8.6	-	-	-
TRANSPORTATION EQUIPMENT — SIC 37				
1980	5.6	-	-	-
1981	6.2	-	-	-
INSTRUMENTS AND RELATED PRODUCTS — SIC 38				
1977	2.8	-	-	-
1978	2.8	-	-	-
1979	3.0	-	-	-
1980	2.7	-	-	-
1981	2.6	-	-	-
NONDURABLE GOODS				
1977	97.6	-	-	-
1978	95.4	-	-	-
1979	90.0	-	-	-
1980	86.1	-	-	-
1981	83.4	-	-	-
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	20.2	-	-	-
1978	20.0	-	-	-
1979	19.0	-	-	-
1980	18.0	-	-	-
1981	16.6	-	-	-
MEAT PRODUCTS — SIC 201				
1977	3.6	-	-	-
1978	3.6	-	-	-
1979	3.2	-	-	-
1980	2.8	-	-	-
1981	2.3	-	-	-
DAIRY PRODUCTS — SIC 202				
1977	1.7	-	-	-
1978	1.6	-	-	-
1979	1.4	-	-	-
1980	1.4	-	-	-
1981	1.2	-	-	-
BAKERY PRODUCTS — SIC 205				
1977	5.9	-	-	-
1978	5.8	-	-	-
1979	5.3	-	-	-
1980	5.0	-	-	-
1981	4.9	-	-	-
SUGAR AND CONFECTIONERY PRODUCTS — SIC 206				
1977	4.2	-	-	-
1978	4.2	-	-	-
1979	4.4	-	-	-
1980	4.2	-	-	-
1981	3.8	-	-	-
BEVERAGES — SIC 208				
1977	3.0	-	-	-
1978	3.0	-	-	-
1979	2.9	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Production or nonsupervisory workers: Average weekly hours	Production or nonsupervisory workers: Average hourly earnings (dollars)
PHILADELPHIA CITY[1] (Con.)				
BEVERAGES — SIC 208 (Con.)				
1980	2.6	-	-	-
1981	2.5	-	-	-
TEXTILE MILL PRODUCTS — SIC 22				
1977	9.5	-	-	-
1978	8.9	-	-	-
1979	7.3	-	-	-
1980	6.5	-	-	-
1981	6.4	-	-	-
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	22.2	-	-	-
1978	21.5	-	-	-
1979	20.4	-	-	-
1980	20.0	-	-	-
1981	19.4	-	-	-
MEN'S AND BOYS' SUITS, COATS, AND FURNISHINGS — SIC 231,2				
1977	12.9	-	-	-
1978	12.2	-	-	-
1979	10.8	-	-	-
1980	10.4	-	-	-
1981	9.6	-	-	-
WOMEN'S [illegible] OUTERWEAR, AND WOMEN'S AND CHILDREN'S [illegible]MENTS — SIC 233,4				
1980	5.6	-	-	-
1981	5.5	-	-	-
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	6.7	-	-	-
1978	6.8	-	-	-
1979	6.8	-	-	-
1980	6.5	-	-	-
1981	6.3	-	-	-
PRINTING AND PUBLISHING — SIC 27				
1977	20.4	-	-	-
1978	19.7	-	-	-
1979	18.2	-	-	-
1980	17.8	-	-	-
1981	17.8	-	-	-
COMMERCIAL PRINTING — SIC 275				
1977	6.8	-	-	-
1978	6.3	-	-	-
1979	5.4	-	-	-
1980	5.4	-	-	-
1981	5.5	-	-	-
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	11.7	-	-	-
1978	11.4	-	-	-
1979	11.5	-	-	-
1980	10.8	-	-	-
1981	10.3	-	-	-
PETROLEUM AND COAL PRODUCTS — SIC 29				
1977	5.0	-	-	-
1978	5.0	-	-	-
1979	4.8	-	-	-
1980	4.5	-	-	-
1981	4.5	-	-	-
LEATHER AND LEATHER PRODUCTS — SIC 31				
1980	.6	-	-	-
1981	.6	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	56.4	-	-	-
1978	56.7	-	-	-
1979	55.9	-	-	-
1980	52.6	-	-	-
1981	51.6	-	-	-

See footnotes at end of tables.

PENNSYLVANIA

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
PHILADELPHIA CITY[4] (Con.)				
WHOLESALE AND RETAIL TRADE				
1977	151.4	-	-	-
1978	153.1	-	-	-
1979	149.7	-	-	-
1980	145.0	-	-	-
1981	144.2	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	49.5	-	-	-
1978	49.1	-	-	-
1979	48.3	-	-	-
1980	47.7	-	-	-
1981	48.1	-	-	-
RETAIL TRADE — SIC 52-59				
1977	101.9	-	-	-
1978	104.0	-	-	-
1979	101.4	-	-	-
1980	97.3	-	-	-
1981	96.1	-	-	-
GENERAL MERCHANDISE STORES — SIC 53				
1977	15.9	-	-	-
1978	15.2	-	-	-
1979	13.9	-	-	-
1980	12.4	-	-	-
1981	12.2	-	-	-
DEPARTMENT STORES — SIC 531				
1977	13.8	-	-	-
1978	13.1	-	-	-
1979	12.1	-	-	-
1980	10.8	-	-	-
1981	10.7	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	65.8	-	-	-
1978	67.9	-	-	-
1979	68.2	-	-	-
1980	66.8	-	-	-
1981	66.6	-	-	-
BANKING — SIC 60				
1977	20.8	-	-	-
1978	21.0	-	-	-
1979	21.4	-	-	-
1980	21.6	-	-	-
1981	21.2	-	-	-
SERVICES AND MINING				
1977	199.2	-	-	-
1978	202.5	-	-	-
1979	209.1	-	-	-
1980	214.5	-	-	-
1981	221.0	-	-	-
HEALTH SERVICES — SIC 80				
1977	55.1	-	-	-
1978	58.5	-	-	-
1979	60.7	-	-	-
1980	61.9	-	-	-
1981	64.3	-	-	-
NURSING AND PERSONAL CARE FACILITIES — SIC 805				
1977	6.0	-	-	-
1978	6.3	-	-	-
1979	7.0	-	-	-
1980	7.1	-	-	-
1981	7.4	-	-	-
HOSPITALS — SIC 806				
1977	38.0	-	-	-
1978	39.8	-	-	-
1979	41.0	-	-	-
1980	42.0	-	-	-
1981	43.6	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
PHILADELPHIA CITY[4] (Con.)				
GOVERNMENT				
1977	149.4	-	-	-
1978	148.5	-	-	-
1979	147.6	-	-	-
1980	147.2	-	-	-
1981	142.7	-	-	-
FEDERAL GOVERNMENT				
1977	52.1	-	-	-
1978	52.4	-	-	-
1979	52.1	-	-	-
1980	53.5	-	-	-
1981	54.0	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	97.3	-	-	-
1978	96.1	-	-	-
1979	95.5	-	-	-
1980	93.7	-	-	-
1981	88.7	-	-	-
PITTSBURGH				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	910.6	-	-	-
1978	939.9	-	-	-
1979	956.4	-	-	-
1980	949.4	-	-	-
1981	940.4	-	-	-
TOTAL PRIVATE				
1977	789.5	-	-	-
1978	817.5	-	-	-
1979	838.9	-	-	-
1980	827.0	-	-	-
1981	822.6	-	-	-
MINING				
1977	11.0	-	-	-
1978	9.8	-	-	-
1979	11.2	-	-	-
1980	10.3	-	-	-
1981	8.8	-	-	-
BITUMINOUS COAL AND LIGNITE MINING — SIC 12				
1977	10.1	295.46	34.0	8.69
1978	8.8	304.70	33.3	9.15
1979	10.1	368.89	37.0	9.97
1980	9.2	394.00	37.1	10.62
1981	7.6	456.23	38.5	11.85
CONSTRUCTION				
1977	42.9	-	-	-
1978	48.5	-	-	-
1979	49.0	-	-	-
1980	46.1	-	-	-
1981	44.8	-	-	-
MANUFACTURING				
1977	249.2	288.16	40.7	7.08
1978	251.5	313.03	40.6	7.71
1979	255.1	345.17	40.8	8.46
1980	241.6	360.89	39.1	9.23
1981	236.6	404.00	40.4	10.00
DURABLE GOODS				
1977	205.3	297.84	40.8	7.30
1978	207.0	323.57	40.7	7.95
1979	210.5	358.75	41.0	8.75
1980	198.5	373.80	39.1	9.56
1981	194.0	418.18	40.6	10.30
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	17.0	245.83	40.7	6.04
1978	17.2	268.06	40.8	6.57
1979	16.8	300.03	41.1	7.30
1980	15.7	326.77	41.0	7.97
1981	15.4	354.24	41.0	8.64

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
PITTSBURGH (Con.)				
GLASS AND GLASSWARE, PRESSED OR BLOWN — SIC 322				
1977	6.0	233.95	40.9	5.72
1978	6.1	254.16	39.9	6.37
1979	6.0	271.21	38.8	6.99
1980	5.5	298.76	38.7	7.72
1981	5.4	330.26	39.6	8.34
PRIMARY METAL INDUSTRIES — SIC 33				
1977	98.0	329.26	40.8	8.07
1978	98.3	363.04	40.7	8.92
1979	99.1	408.95	41.1	9.95
1980	89.7	416.76	38.2	10.91
1981	87.7	478.74	40.4	11.85
BLAST FURNACE AND BASIC STEEL PRODUCTS — SIC 331				
1977	86.1	339.88	40.9	8.31
1978	86.7	371.90	40.6	9.16
1979	87.2	419.84	41.0	10.24
1980	79.5	424.86	37.9	11.21
1981	77.6	486.42	40.3	12.07
IRON AND STEEL FOUNDRIES — SIC 332				
1977	4.5	262.76	40.3	6.52
1978	4.0	302.02	42.3	7.14
1979	4.3	324.43	41.7	7.78
1980	4.1	359.24	40.5	8.87
1981	3.6	410.82	41.0	10.02
FABRICATED METAL PRODUCTS — SIC 34				
1977	23.4	287.75	40.7	7.07
1978	22.3	300.75	40.1	7.50
1979	22.5	333.32	40.5	8.23
1980	20.9	345.82	38.9	8.89
1981	20.4	391.39	39.1	10.01
FABRICATED STRUCTURAL METAL PRODUCTS — SIC 344				
1977	9.6	266.19	38.3	6.95
1978	8.8	290.64	38.7	7.51
1979	9.1	330.00	39.1	8.44
1980	8.7	323.61	36.9	8.77
1981	8.6	341.77	35.9	9.52
METAL FORGINGS AND STAMPINGS — SIC 346				
1977	4.2	-	-	-
1978	4.0	-	-	-
1979	3.7	-	-	-
1980	3.1	-	-	-
1981	3.2	-	-	-
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	23.6	278.39	41.0	6.79
1978	23.3	311.22	42.4	7.34
1979	23.7	336.76	42.2	7.98
1980	24.8	356.70	41.0	8.70
1981	24.9	395.50	40.9	9.67
GENERAL INDUSTRIAL MACHINERY — SIC 356				
1977	7.2	273.03	42.2	6.47
1978	6.8	301.95	44.8	6.74
1979	6.9	303.31	42.6	7.12
1980	6.5	317.05	42.5	7.46
1981	5.9	348.47	40.9	8.52
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	26.3	267.34	42.3	6.32
1978	26.3	271.51	41.2	6.59
1979	25.7	296.65	41.9	7.08
1980	24.9	339.46	40.8	8.32
1981	23.3	356.95	42.8	8.34
ELECTRIC DISTRIBUTING EQUIPMENT — SIC 361				
1977	8.9	-	-	-
1978	9.1	-	-	-
1979	9.4	-	-	-
1980	9.6	-	-	-
1981	9.6	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Production or nonsupervisory workers: Average weekly hours	Production or nonsupervisory workers: Average hourly earnings (dollars)
PITTSBURGH (Con.)				
TRANSPORTATION EQUIPMENT — SIC 37				
1977	8.1	-	-	-
1978	9.8	-	-	-
1979	12.6	-	-	-
1980	13.1	-	-	-
1981	13.1	-	-	-
INSTRUMENTS AND RELATED PRODUCTS — SIC 38				
1977	4.8	-	-	-
1978	6.2	-	-	-
1979	6.5	-	-	-
1980	6.1	-	-	-
1981	6.3	-	-	-
NONDURABLE GOODS				
1977	43.9	229.43	39.9	5.75
1978	44.5	244.55	39.7	6.16
1979	44.6	263.34	39.6	6.65
1980	43.2	285.82	39.1	7.31
1981	42.7	319.09	39.2	8.14
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	11.8	241.16	40.6	5.94
1978	11.5	264.96	41.4	6.40
1979	11.1	291.60	42.2	6.91
1980	10.6	316.16	40.9	7.73
1981	10.3	351.19	40.6	8.65
BAKERY PRODUCTS — SIC 205				
1977	3.3	252.62	42.6	5.93
1978	3.3	271.78	42.4	6.41
1979	3.1	298.03	45.5	6.55
1980	2.8	305.31	40.6	7.52
1981	2.6	319.59	39.8	8.03
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	3.1	123.55	35.4	3.49
1978	3.1	136.61	35.3	3.87
1979	3.0	150.23	36.2	4.15
1980	2.9	156.00	34.9	4.47
1981	2.8	184.97	36.7	5.04
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	2.9	219.76	42.1	5.22
1978	2.8	227.36	40.6	5.60
1979	2.8	231.08	39.5	5.85
1980	2.4	269.37	41.0	6.57
1981	2.4	286.13	40.3	7.10
PRINTING AND PUBLISHING — SIC 27				
1977	8.8	242.52	37.6	6.45
1978	9.0	246.88	36.2	6.82
1979	9.1	268.93	37.3	7.21
1980	9.1	306.50	38.7	7.92
1981	9.2	340.26	39.2	8.68
COMMERCIAL PRINTING — SIC 275				
1977	2.7	-	-	-
1978	2.9	-	-	-
1979	2.9	-	-	-
1980	3.0	-	-	-
1981	3.0	-	-	-
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	10.3	274.56	42.7	6.43
1978	10.7	302.67	43.3	6.99
1979	10.9	331.57	42.4	7.82
1980	10.6	360.96	41.3	8.74
1981	10.5	399.34	41.0	9.74
PETROLEUM AND COAL PRODUCTS — SIC 29				
1977	3.9	279.35	40.9	6.83
1978	3.9	302.81	40.7	7.44
1979	3.8	312.66	40.5	7.72
1980	3.8	281.64	34.9	8.07
1981	3.7	335.01	38.2	8.77
PITTSBURGH (Con.)				
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS — SIC 30				
1980	3.5	-	-	-
1981	3.5	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	58.0	-	-	-
1978	60.3	-	-	-
1979	61.7	-	-	-
1980	57.0	-	-	-
1981	55.5	-	-	-
TRANSPORTATION — SIC 40-42,44-47				
1977	36.4	-	-	-
1978	38.6	-	-	-
1979	39.6	-	-	-
1980	35.0	-	-	-
1981	33.3	-	-	-
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	21.6	-	-	-
1978	21.7	-	-	-
1979	22.1	-	-	-
1980	22.0	-	-	-
1981	22.3	-	-	-
COMMUNICATION — SIC 48				
1977	11.2	-	-	-
1978	11.3	-	-	-
1979	11.3	-	-	-
1980	11.2	-	-	-
1981	11.0	-	-	-
ELECTRIC, GAS, AND SANITARY SERVICES — SIC 49				
1977	10.4	309.12	42.0	7.36
1978	10.5	336.94	41.7	8.08
1979	10.7	356.56	42.6	8.37
1980	10.8	416.54	43.8	9.51
1981	11.3	421.26	41.3	10.20
WHOLESALE AND RETAIL TRADE				
1977	197.3	-	-	-
1978	204.8	-	-	-
1979	206.8	-	-	-
1980	210.7	-	-	-
1981	211.4	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	49.1	-	-	-
1978	50.9	-	-	-
1979	51.5	-	-	-
1980	52.6	-	-	-
1981	53.7	-	-	-
RETAIL TRADE — SIC 52-59				
1977	148.2	-	-	-
1978	153.9	-	-	-
1979	155.4	-	-	-
1980	158.1	-	-	-
1981	157.7	-	-	-
GENERAL MERCHANDISE STORES — SIC 53				
1977	29.3	-	-	-
1978	29.7	-	-	-
1979	29.2	-	-	-
1980	28.1	-	-	-
1981	27.5	-	-	-
DEPARTMENT STORES — SIC 531				
1977	27.6	-	-	-
1978	28.2	-	-	-
1979	27.5	-	-	-
1980	26.6	-	-	-
1981	26.2	-	-	-
PITTSBURGH (Con.)				
FINANCE, INSURANCE, AND REAL ESTATE				
1977	42.1	-	-	-
1978	43.7	-	-	-
1979	45.1	-	-	-
1980	46.2	-	-	-
1981	46.7	-	-	-
BANKING — SIC 60				
1977	14.6	150.78	-	-
1978	15.0	160.61	-	-
1979	15.5	175.90	-	-
1980	15.9	199.43	-	-
1981	16.2	213.72	-	-
SERVICES				
1977	189.1	-	-	-
1978	199.0	-	-	-
1979	210.1	-	-	-
1980	215.1	-	-	-
1981	218.7	-	-	-
HEALTH SERVICES — SIC 80				
1977	58.7	-	-	-
1978	61.4	-	-	-
1979	63.7	-	-	-
1980	67.2	-	-	-
1981	69.9	-	-	-
NURSING AND PERSONAL CARE FACILITIES — SIC 805				
1977	5.4	-	-	-
1978	5.5	-	-	-
1979	5.7	-	-	-
1980	5.8	-	-	-
1981	5.6	-	-	-
HOSPITALS — SIC 806				
1977	41.2	-	-	-
1978	42.8	-	-	-
1979	44.5	-	-	-
1980	47.0	-	-	-
1981	49.3	-	-	-
GOVERNMENT				
1977	121.1	-	-	-
1978	122.4	-	-	-
1979	117.5	-	-	-
1980	122.3	-	-	-
1981	117.8	-	-	-
FEDERAL GOVERNMENT				
1977	17.6	-	-	-
1978	17.9	-	-	-
1979	18.3	-	-	-
1980	18.3	-	-	-
1981	17.4	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	103.5	-	-	-
1978	104.5	-	-	-
1979	99.2	-	-	-
1980	104.0	-	-	-
1981	100.4	-	-	-
READING				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	131.6	-	-	-
1978	135.6	-	-	-
1979	138.9	-	-	-
1980	138.6	-	-	-
1981	139.2	-	-	-
TOTAL PRIVATE				
1977	114.0	-	-	-
1978	119.1	-	-	-
1979	122.8	-	-	-
1980	121.9	-	-	-
1981	122.6	-	-	-

See footnotes at end of tables.

PENNSYLVANIA

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
READING (Con.)				
CONSTRUCTION				
1977	4.5	-	-	-
1978	5.2	-	-	-
1979	5.3	-	-	-
1980	5.2	-	-	-
1981	4.9	-	-	-
MANUFACTURING				
1977	51.0	210.75	39.1	5.39
1978	53.4	226.20	38.6	5.86
1979	54.8	248.71	38.5	6.46
1980	53.2	278.16	39.4	7.06
1981	53.2	307.69	39.6	7.77
DURABLE GOODS				
1977	28.7	252.14	40.8	6.18
1978	30.3	270.00	40.0	6.75
1979	32.6	293.27	39.9	7.35
1980	31.6	324.80	40.6	8.00
1981	31.0	364.27	40.7	8.95
PRIMARY METAL INDUSTRIES — SIC 33				
1977	8.0	288.86	40.8	7.08
1978	8.8	319.19	39.7	8.04
1979	9.2	354.16	40.2	8.81
1980	9.1	379.03	40.8	9.29
1981	8.6	420.65	41.2	10.21
IRON AND STEEL FOUNDRIES — SIC 332				
1977	3.0	207.05	38.7	5.35
1978	3.4	204.20	35.7	5.72
1979	3.6	218.33	35.5	6.15
1980	3.4	249.06	38.2	6.52
1981	2.9	284.97	39.8	7.16
FABRICATED METAL PRODUCTS — SIC 34				
1977	2.3	185.86	38.4	4.84
1978	2.6	195.58	38.2	5.12
1979	2.6	208.69	37.4	5.58
1980	2.5	243.94	39.6	6.16
1981	2.5	270.12	39.9	6.77
MACHINERY, EXCEPT ELECTRICAL, AND TRANSPORTATION EQUIPMENT — SIC 35,37				
1977	5.8	288.06	42.3	6.81
1978	6.0	303.78	41.9	7.25
1979	6.8	321.91	40.8	7.89
1980	6.6	355.70	41.7	8.53
1981	6.7	415.38	42.0	9.89
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	7.7	246.56	41.3	5.97
1978	7.9	260.34	40.3	6.46
1979	8.2	276.31	39.7	6.96
1980	8.1	317.75	41.0	7.75
1981	8.2	353.79	40.9	8.65
NONDURABLE GOODS				
1977	22.3	163.31	37.2	4.39
1978	23.1	171.55	36.9	4.66
1979	22.1	187.39	36.6	5.12
1980	21.5	213.57	37.8	5.65
1981	22.2	234.55	38.2	6.14
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	4.8	174.55	37.7	4.63
1978	4.9	182.90	36.8	4.97
1979	4.9	207.39	37.3	5.56
1980	4.9	244.29	38.9	6.28
1981	4.7	266.51	39.6	6.73
BAKERY PRODUCTS — SIC 205				
1977	1.1	-	-	-
1978	1.2	-	-	-
1979	1.2	-	-	-
1980	1.3	-	-	-
1981	1.1	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
READING (Con.)				
SUGAR AND CONFECTIONERY PRODUCTS — SIC 206				
1977	1.8	151.65	38.2	3.97
1978	1.7	157.83	36.2	4.36
1979	1.9	179.79	37.3	4.82
1980	1.8	197.37	37.1	5.32
1981	1.7	224.46	38.5	5.83
TEXTILE MILL PRODUCTS — SIC 22				
1977	5.7	135.77	36.4	3.73
1978	6.0	147.94	36.8	4.02
1979	5.7	157.96	35.9	4.40
1980	5.8	181.92	37.9	4.80
1981	5.8	200.34	37.8	5.30
KNITTING MILLS — SIC 225				
1977	4.4	122.85	34.9	3.52
1978	4.4	132.99	34.1	3.90
1979	4.4	142.89	33.7	4.24
1980	4.5	170.48	36.9	4.62
1981	4.3	187.49	37.2	5.04
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	4.5	124.99	33.6	3.72
1978	4.6	132.42	35.5	3.73
1979	4.3	135.54	34.4	3.94
1980	4.3	155.61	34.2	4.55
1981	4.9	181.28	35.2	5.15
WOMEN'S AND MISSES' OUTERWEAR — SIC 233				
1977	2.1	119.07	31.5	3.78
1978	2.2	129.42	33.1	3.91
1979	2.1	132.61	31.8	4.17
1980	1.9	145.68	31.6	4.61
1981	2.3	165.49	32.9	5.03
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	1.3	258.83	43.5	5.95
1978	1.2	271.51	41.9	6.48
1979	1.3	293.78	42.7	6.88
1980	1.1	313.33	43.7	7.17
1981	1.1	340.11	46.4	7.33
PRINTING AND PUBLISHING — SIC 27				
1977	1.2	229.22	37.7	6.08
1978	1.4	246.83	37.8	6.53
1979	1.4	280.50	37.5	7.48
1980	1.2	309.29	39.4	7.85
1981	1.2	314.31	38.9	8.08
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1980	1.3	-	-	-
1981	1.5	-	-	-
PETROLEUM, AND RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS — SIC 29,30				
1980	2.1	-	-	-
1981	2.3	-	-	-
LEATHER AND LEATHER PRODUCTS — SIC 31				
1977	1.7	173.43	41.0	4.23
1978	1.6	174.28	39.7	4.39
1979	1.2	188.58	39.7	4.75
1980	.8	196.37	36.5	5.38
1981	.8	189.22	35.5	5.33
TRANSPORTATION AND PUBLIC UTILITIES				
1977	6.4	-	-	-
1978	6.4	-	-	-
1979	6.7	-	-	-
1980	6.3	-	-	-
1981	6.4	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	25.7	-	-	-
1978	26.9	-	-	-
1979	27.4	-	-	-
1980	28.0	-	-	-
1981	28.0	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
READING (Con.)				
WHOLESALE TRADE — SIC 50,51				
1977	5.2	-	-	-
1978	5.5	-	-	-
1979	5.6	-	-	-
1980	5.7	-	-	-
1981	5.7	-	-	-
RETAIL TRADE — SIC 52-59				
1977	20.5	-	-	-
1978	21.4	-	-	-
1979	21.8	-	-	-
1980	22.3	-	-	-
1981	22.3	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	5.2	-	-	-
1978	5.6	-	-	-
1979	5.9	-	-	-
1980	6.1	-	-	-
1981	6.4	-	-	-
BANKING — SIC 60				
1980	2.2	-	-	-
1981	2.4	-	-	-
SERVICES AND MINING				
1977	21.4	-	-	-
1978	21.6	-	-	-
1979	22.6	-	-	-
1980	23.1	-	-	-
1981	23.7	-	-	-
HOSPITALS — SIC 806				
1977	3.9	-	-	-
1978	4.0	-	-	-
1979	4.1	-	-	-
1980	4.2	-	-	-
1981	4.5	-	-	-
SERVICES, EXCEPT HOSPITALS, AND MINING				
1980	18.8	-	-	-
1981	19.2	-	-	-
GOVERNMENT				
1977	17.6	-	-	-
1978	16.5	-	-	-
1979	16.1	-	-	-
1980	16.7	-	-	-
1981	16.6	-	-	-
FEDERAL GOVERNMENT				
1977	.8	-	-	-
1978	.9	-	-	-
1979	1.0	-	-	-
1980	1.2	-	-	-
1981	1.1	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	16.7	-	-	-
1978	15.6	-	-	-
1979	15.2	-	-	-
1980	15.5	-	-	-
1981	15.5	-	-	-
SCRANTON[9]				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	83.4	-	-	-
1978	86.1	-	-	-
1979	87.2	-	-	-
1980	86.1	-	-	-
1981	85.9	-	-	-
TOTAL PRIVATE				
1977	71.6	-	-	-
1978	73.9	-	-	-
1979	75.0	-	-	-
1980	74.0	-	-	-
1981	74.2	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
SCRANTON[1] (Con.)				
CONSTRUCTION				
1977	2.5	-	-	-
1978	2.7	-	-	-
1979	2.5	-	-	-
1980	2.1	-	-	-
1981	2.1	-	-	-
MANUFACTURING				
1977	26.7	-	-	-
1978	28.1	-	-	-
1979	28.3	-	-	-
1980	27.4	-	-	-
1981	27.2	-	-	-
DURABLE GOODS				
1977	11.2	-	-	-
1978	12.6	-	-	-
1979	13.1	-	-	-
1980	12.8	-	-	-
1981	12.7	-	-	-
FABRICATED METAL PRODUCTS — SIC 34				
1977	2.5	-	-	-
1978	2.9	-	-	-
1979	2.9	-	-	-
1980	2.8	-	-	-
1981	2.7	-	-	-
NONDURABLE GOODS				
1977	15.5	-	-	-
1978	15.6	-	-	-
1979	15.2	-	-	-
1980	14.6	-	-	-
1981	14.5	-	-	-
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	1.6	-	-	-
1978	1.5	-	-	-
1979	1.5	-	-	-
1980	1.4	-	-	-
1981	1.5	-	-	-
TEXTILE MILL PRODUCTS — SIC 22				
1977	1.3	-	-	-
1978	1.3	-	-	-
1979	1.4	-	-	-
1980	1.3	-	-	-
1981	1.2	-	-	-
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	7.7	-	-	-
1978	7.8	-	-	-
1979	7.2	-	-	-
1980	6.9	-	-	-
1981	6.8	-	-	-
PRINTING AND PUBLISHING — SIC 27				
1977	2.0	-	-	-
1978	2.2	-	-	-
1979	2.6	-	-	-
1980	2.7	-	-	-
1981	2.7	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	4.5	-	-	-
1978	4.3	-	-	-
1979	4.2	-	-	-
1980	4.1	-	-	-
1981	3.9	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	18.9	-	-	-
1978	19.2	-	-	-
1979	19.5	-	-	-
1980	19.0	-	-	-
1981	18.8	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
SCRANTON[1] (Con.)				
WHOLESALE TRADE — SIC 50,51				
1977	5.0	-	-	-
1978	5.2	-	-	-
1979	5.2	-	-	-
1980	5.4	-	-	-
1981	5.6	-	-	-
RETAIL TRADE — SIC 52-59				
1977	13.9	-	-	-
1978	14.0	-	-	-
1979	14.2	-	-	-
1980	13.6	-	-	-
1981	13.2	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	3.1	-	-	-
1978	3.3	-	-	-
1979	3.4	-	-	-
1980	3.6	-	-	-
1981	3.6	-	-	-
BANKING — SIC 60				
1977	1.3	-	-	-
1978	1.4	-	-	-
1979	1.5	-	-	-
1980	1.6	-	-	-
1981	1.6	-	-	-
SERVICES AND MINING				
1977	16.0	-	-	-
1978	16.3	-	-	-
1979	17.1	-	-	-
1980	17.8	-	-	-
1981	18.7	-	-	-
HOSPITALS — SIC 806				
1977	3.3	-	-	-
1978	3.4	-	-	-
1979	3.7	-	-	-
1980	4.1	-	-	-
1981	4.9	-	-	-
GOVERNMENT				
1977	11.8	-	-	-
1978	12.2	-	-	-
1979	12.2	-	-	-
1980	12.1	-	-	-
1981	11.7	-	-	-
FEDERAL GOVERNMENT				
1977	1.1	-	-	-
1978	1.1	-	-	-
1979	1.0	-	-	-
1980	1.1	-	-	-
1981	1.0	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	10.7	-	-	-
1978	11.1	-	-	-
1979	11.2	-	-	-
1980	11.1	-	-	-
1981	10.7	-	-	-
WILKES-BARRE–HAZLETON[2]				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	122.9	-	-	-
1978	126.5	-	-	-
1979	127.7	-	-	-
1980	123.4	-	-	-
1981	122.7	-	-	-
TOTAL PRIVATE				
1977	103.5	-	-	-
1978	107.3	-	-	-
1979	107.6	-	-	-
1980	103.9	-	-	-
1981	104.0	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
WILKES-BARRE–HAZLETON[2] (Con.)				
MINING				
1977	1.2	-	-	-
1978	1.1	-	-	-
1979	1.0	-	-	-
1980	1.1	-	-	-
1981	1.0	-	-	-
CONSTRUCTION				
1977	8.4	-	-	-
1978	9.3	-	-	-
1979	9.1	-	-	-
1980	7.5	-	-	-
1981	7.4	-	-	-
MANUFACTURING				
1977	39.9	-	-	-
1978	40.7	-	-	-
1979	40.6	-	-	-
1980	37.9	-	-	-
1981	36.6	-	-	-
DURABLE GOODS				
1977	14.4	-	-	-
1978	14.6	-	-	-
1979	14.7	-	-	-
1980	13.8	-	-	-
1981	13.0	-	-	-
LUMBER AND FURNITURE — SIC 24,25				
1977	1.5	-	-	-
1978	1.6	-	-	-
1979	1.6	-	-	-
1980	1.6	-	-	-
1981	1.6	-	-	-
FABRICATED METAL PRODUCTS — SIC 34				
1977	2.4	-	-	-
1978	2.5	-	-	-
1979	2.5	-	-	-
1980	2.5	-	-	-
1981	2.4	-	-	-
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	2.8	-	-	-
1978	2.9	-	-	-
1979	3.0	-	-	-
1980	3.2	-	-	-
1981	3.1	-	-	-
NONDURABLE GOODS				
1977	25.4	-	-	-
1978	26.2	-	-	-
1979	25.9	-	-	-
1980	24.0	-	-	-
1981	23.5	-	-	-
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	3.2	-	-	-
1978	3.1	-	-	-
1979	3.0	-	-	-
1980	2.6	-	-	-
1981	2.4	-	-	-
TEXTILE MILL PRODUCTS — SIC 22				
1977	2.2	-	-	-
1978	2.2	-	-	-
1979	2.3	-	-	-
1980	1.9	-	-	-
1981	2.1	-	-	-
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	12.3	-	-	-
1978	12.8	-	-	-
1979	12.5	-	-	-
1980	11.7	-	-	-
1981	11.4	-	-	-

See footnotes at end of tables.

PENNSYLVANIA

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
WILKES-BARRE–HAZLETON[22] (Con.)				
PRINTING AND PUBLISHING — SIC 27				
1977	1.4	-	-	-
1978	1.5	-	-	-
1979	1.8	-	-	-
1980	1.8	-	-	-
1981	1.9	-	-	-
LEATHER AND LEATHER PRODUCTS — SIC 31				
1977	1.8	-	-	-
1978	1.4	-	-	-
1979	1.2	-	-	-
1980	1.3	-	-	-
1981	1.2	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	6.3	-	-	-
1978	6.7	-	-	-
1979	7.2	-	-	-
1980	7.1	-	-	-
1981	7.1	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	25.6	-	-	-
1978	26.7	-	-	-
1979	26.0	-	-	-
1980	25.9	-	-	-
1981	26.2	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	5.1	-	-	-
1978	5.4	-	-	-
1979	5.6	-	-	-
1980	5.7	-	-	-
1981	5.7	-	-	-
RETAIL TRADE — SIC 52–59				
1977	20.5	-	-	-
1978	21.3	-	-	-
1979	20.4	-	-	-
1980	20.2	-	-	-
1981	20.4	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	4.8	-	-	-
1978	4.9	-	-	-
1979	5.1	-	-	-
1980	5.1	-	-	-
1981	5.3	-	-	-
BANKING — SIC 60				
1977	2.0	-	-	-
1978	2.1	-	-	-
1979	2.2	-	-	-
1980	2.3	-	-	-
1981	2.4	-	-	-
SERVICES				
1977	17.4	-	-	-
1978	17.9	-	-	-
1979	18.7	-	-	-
1980	19.3	-	-	-
1981	20.5	-	-	-
HOSPITALS — SIC 806				
1977	3.2	-	-	-
1978	3.4	-	-	-
1979	3.6	-	-	-
1980	3.9	-	-	-
1981	4.2	-	-	-
GOVERNMENT				
1977	19.4	-	-	-
1978	19.3	-	-	-
1979	20.1	-	-	-
1980	19.5	-	-	-
1981	18.6	-	-	-
WILKES-BARRE–HAZLETON[22] (Con.)				
FEDERAL GOVERNMENT				
1977	3.4	-	-	-
1978	3.4	-	-	-
1979	3.7	-	-	-
1980	3.6	-	-	-
1981	3.5	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	16.1	-	-	-
1978	15.9	-	-	-
1979	16.3	-	-	-
1980	15.9	-	-	-
1981	15.2	-	-	-
WILLIAMSPORT				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	46.0	-	-	-
1978	48.6	-	-	-
1979	48.2	-	-	-
1980	46.6	-	-	-
1981	46.4	-	-	-
TOTAL PRIVATE				
1977	39.8	-	-	-
1978	41.7	-	-	-
1979	41.6	-	-	-
1980	39.8	-	-	-
1981	39.7	-	-	-
CONSTRUCTION				
1977	1.4	-	-	-
1978	1.7	-	-	-
1979	1.5	-	-	-
1980	1.4	-	-	-
1981	1.2	-	-	-
MANUFACTURING				
1977	17.8	201.63	39.0	5.17
1978	18.2	226.06	39.8	5.68
1979	18.0	247.42	39.4	6.28
1980	16.2	275.01	39.4	6.98
1981	16.0	303.73	39.6	7.67
DURABLE GOODS				
1977	11.1	228.52	39.4	5.80
1978	11.6	258.16	40.4	6.39
1979	11.9	280.19	40.2	6.97
1980	10.6	314.74	40.3	7.81
1981	10.2	344.92	40.2	8.58
LUMBER, AND FURNITURE — SIC 24,25				
1977	1.6	163.92	35.1	4.67
1978	1.7	186.37	37.2	5.01
1979	1.5	205.58	38.0	5.41
1980	1.1	184.88	34.3	5.39
1981	1.1	203.58	34.1	5.97
PRIMARY AND FABRICATED METALS — SIC 33,34				
1977	2.7	266.90	39.6	6.74
1978	2.5	303.23	41.2	7.36
1979	2.5	357.86	42.2	8.48
1980	2.7	381.10	41.2	9.25
1981	2.6	417.58	40.7	10.26
MACHINERY, EXCEPT ELECTRICAL, AND TRANSPORTATION EQUIPMENT — SIC 35,37				
1977	3.3	252.32	41.5	6.08
1978	3.8	275.47	41.3	6.67
1979	4.1	281.60	40.0	7.04
1980	3.4	323.70	41.5	7.80
1981	3.6	356.13	40.7	8.75
NONDURABLE GOODS				
1977	6.6	157.06	38.4	4.09
1978	6.6	170.61	38.6	4.42
1979	6.2	184.57	37.9	4.87
1980	5.6	205.04	37.9	5.41
1981	5.8	227.92	38.5	5.92
WILLIAMSPORT (Con.)				
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	1.6	181.05	42.5	4.26
1978	1.6	209.72	43.6	4.81
1979	1.6	226.14	40.6	5.57
1980	1.5	233.84	35.7	6.55
1981	1.6	276.00	36.8	7.50
TEXTILES, AND APPAREL — SIC 22,23				
1979	2.1	142.71	35.5	4.02
1980	1.8	158.21	38.4	4.12
1981	1.9	169.69	39.1	4.34
PAPER, AND PRINTING AND PUBLISHING — SIC 26,27				
1977	1.2	190.02	38.7	4.91
1978	1.2	205.20	38.0	5.40
1979	1.2	218.83	37.6	5.82
1980	1.1	243.05	37.8	6.43
1981	1.1	266.26	38.7	6.88
TRANSPORTATION AND PUBLIC UTILITIES				
1977	2.4	-	-	-
1978	2.4	-	-	-
1979	2.3	-	-	-
1980	2.3	-	-	-
1981	2.3	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	8.9	-	-	-
1978	9.9	-	-	-
1979	10.0	-	-	-
1980	9.9	-	-	-
1981	9.8	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	2.4	-	-	-
1978	2.5	-	-	-
1979	2.7	-	-	-
1980	2.7	-	-	-
1981	2.5	-	-	-
RETAIL TRADE — SIC 52–59				
1977	6.6	-	-	-
1978	7.4	-	-	-
1979	7.3	-	-	-
1980	7.1	-	-	-
1981	7.2	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	1.8	-	-	-
1978	1.9	-	-	-
1979	2.1	-	-	-
1980	2.1	-	-	-
1981	2.2	-	-	-
SERVICES AND MINING				
1977	7.6	-	-	-
1978	7.5	-	-	-
1979	7.7	-	-	-
1980	7.9	-	-	-
1981	8.3	-	-	-
HOSPITALS — SIC 806				
1977	2.5	-	-	-
1978	2.5	-	-	-
1979	2.6	-	-	-
1980	2.7	-	-	-
1981	2.9	-	-	-
GOVERNMENT				
1977	6.2	-	-	-
1978	6.9	-	-	-
1979	6.5	-	-	-
1980	6.8	-	-	-
1981	6.7	-	-	-
FEDERAL GOVERNMENT				
1977	.4	-	-	-
1978	.4	-	-	-

See footnotes at end of tables

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
WILLIAMSPORT (Con.)				
FEDERAL GOVERNMENT (Con.)				
1979	0.4	-	-	-
1980	.5	-	-	-
1981	.4	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	5.7	-	-	-
1978	6.5	-	-	-
1979	6.1	-	-	-
1980	6.3	-	-	-
1981	6.3	-	-	-
YORK				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	142.0	-	-	-
1978	151.4	-	-	-
1979	157.3	-	-	-
1980	156.6	-	-	-
1981	155.8	-	-	-
TOTAL PRIVATE				
1977	124.6	-	-	-
1978	132.8	-	-	-
1979	138.8	-	-	-
1980	138.5	-	-	-
1981	138.0	-	-	-
CONSTRUCTION				
1977	6.4	-	-	-
1978	6.8	-	-	-
1979	7.5	-	-	-
1980	6.9	-	-	-
1981	6.5	-	-	-
MANUFACTURING				
1977	59.6	212.90	41.1	5.18
1978	64.1	238.11	41.7	5.71
1979	66.1	254.81	41.5	6.14
1980	65.6	271.75	40.2	6.76
1981	64.9	303.96	40.8	7.45
DURABLE GOODS				
1977	35.5	245.34	42.3	5.80
1978	38.6	273.91	43.0	6.37
1979	41.3	292.83	43.0	6.81
1980	41.7	306.82	40.8	7.52
1981	41.3	348.19	41.6	8.37
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	1.3	143.64	38.1	3.77
1978	1.5	151.25	36.8	4.11
1979	1.5	159.12	36.0	4.42
1980	1.4	199.26	38.1	5.23
1981	1.3	226.63	39.9	5.68
FURNITURE AND FIXTURES — SIC 25				
1977	2.5	210.65	40.2	5.24
1978	2.9	235.25	41.2	5.71
1979	3.0	240.57	40.5	5.94
1980	2.6	253.11	39.0	6.49
1981	2.6	276.50	39.5	7.00
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	2.0	263.22	42.8	6.15
1978	2.3	292.60	44.2	6.62
1979	2.8	328.43	43.5	7.55
1980	2.5	317.68	41.8	7.60
1981	2.5	332.17	42.1	7.89
PRIMARY METAL INDUSTRIES — SIC 33				
1977	2.3	223.08	42.9	5.20
1978	2.3	267.84	46.5	5.76
1979	2.2	291.35	45.1	6.46
1960	1.7	281.93	41.4	6.81
1981	1.5	296.10	42.0	7.05
YORK (Con.)				
FABRICATED METAL PRODUCTS — SIC 34				
1977	4.8	226.18	40.9	5.53
1978	5.2	248.24	41.1	6.04
1979	6.1	266.02	41.5	6.41
1980	6.1	268.13	39.9	6.72
1981	6.1	312.21	40.6	7.69
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	12.6	286.01	43.8	6.53
1978	13.2	319.40	44.3	7.21
1979	13.8	336.42	44.5	7.56
1980	14.2	376.23	42.9	8.77
1981	14.1	414.96	42.3	9.81
CONSTRUCTION AND RELATED MACHINERY — SIC 353				
1977	3.9	-	-	-
1978	4.4	-	-	-
1979	4.3	-	-	-
1980	5.0	-	-	-
1981	4.9	-	-	-
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	4.3	248.30	42.3	5.87
1978	4.6	272.77	41.9	6.51
1979	5.2	286.45	43.6	6.57
1980	5.7	293.58	42.0	6.99
1981	5.7	326.59	43.2	7.56
TRANSPORTATION EQUIPMENT — SIC 37				
1977	3.6	-	-	-
1978	4.6	-	-	-
1979	4.7	-	-	-
1980	5.5	-	-	-
1981	5.7	-	-	-
NONDURABLE GOODS				
1977	24.2	169.46	39.5	4.29
1978	25.4	186.19	39.7	4.69
1979	24.8	197.29	39.3	5.02
1980	23.9	214.03	39.2	5.46
1981	23.6	234.43	39.6	5.92
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	4.8	160.80	39.9	4.03
1978	5.2	168.27	39.5	4.26
1979	5.6	183.35	39.6	4.63
1980	5.6	198.86	39.3	5.06
1981	5.2	210.17	37.8	5.56
PRESERVED FRUITS AND VEGETABLES — SIC 203				
1977	2.3	149.77	38.9	3.85
1978	2.6	157.53	38.8	4.06
1979	2.8	173.71	39.3	4.42
1980	2.7	189.60	39.5	4.80
1981	2.4	209.28	38.9	5.38
TEXTILE MILL PRODUCTS — SIC 22				
1977	3.4	147.73	37.4	3.95
1978	3.9	164.16	38.0	4.32
1979	3.3	173.12	38.3	4.52
1980	2.9	187.18	38.2	4.90
1981	3.0	207.36	39.8	5.21
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	4.2	116.96	34.4	3.40
1978	4.0	131.10	34.5	3.80
1979	4.1	136.27	33.4	4.08
1980	3.7	137.67	32.7	4.21
1981	3.8	157.88	35.8	4.41
CHILDREN'S OUTERWEAR — SIC 236				
1977	1.3	-	-	-
1978	1.3	-	-	-
1979	1.5	-	-	-
1980	1.6	-	-	-
1981	1.7	-	-	-
YORK (Con.)				
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	3.6	243.09	45.1	5.39
1978	3.9	264.60	45.0	5.88
1979	3.8	293.20	44.9	6.53
1980	3.8	316.74	44.8	7.07
1981	3.7	352.58	44.8	7.87
PRINTING AND PUBLISHING — SIC 27				
1977	3.9	234.08	41.8	5.60
1978	4.0	249.26	41.2	6.05
1979	3.8	246.62	40.1	6.15
1980	3.9	265.52	40.6	6.54
1981	3.9	295.08	40.7	7.25
LEATHER AND LEATHER PRODUCTS — SIC 31				
1977	2.4	142.83	41.4	3.45
1978	2.6	156.38	41.7	3.75
1979	2.4	168.09	40.7	4.13
1980	2.5	190.29	41.1	4.63
1981	2.4	200.88	40.5	4.96
TRANSPORTATION AND PUBLIC UTILITIES				
1977	6.6	-	-	-
1978	6.9	-	-	-
1979	7.2	-	-	-
1980	7.3	-	-	-
1981	7.5	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	29.7	-	-	-
1978	31.6	-	-	-
1979	32.8	-	-	-
1980	33.1	-	-	-
1981	33.1	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	5.9	-	-	-
1978	6.4	-	-	-
1979	6.9	-	-	-
1980	7.5	-	-	-
1981	7.7	-	-	-
RETAIL TRADE — SIC 52-59				
1977	23.8	-	-	-
1978	25.2	-	-	-
1979	25.9	-	-	-
1980	25.6	-	-	-
1981	25.3	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	3.4	-	-	-
1978	3.7	-	-	-
1979	3.8	-	-	-
1980	3.9	-	-	-
1981	4.1	-	-	-
BANKING — SIC 60				
1977	1.6	-	-	-
1978	1.7	-	-	-
1979	1.8	-	-	-
1980	1.9	-	-	-
1981	2.0	-	-	-
SERVICES AND MINING				
1977	18.8	-	-	-
1978	19.7	-	-	-
1979	21.3	-	-	-
1980	21.6	-	-	-
1981	21.9	-	-	-
HEALTH SERVICES — SIC 80				
1980	7.4	-	-	-
1981	7.5	-	-	-
HOSPITALS — SIC 806				
1977	3.1	-	-	-
1978	3.1	-	-	-
1979	3.3	-	-	-

See footnotes at end of tables.

PENNSYLVANIA

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
YORK (Con.)				
HOSPITALS — SIC 806 (Con.)				
1980	3.4	-	-	-
1981	3.6	-	-	-
HEALTH SERVICES, EXCEPT HOSPITALS — SIC 801-5,7-9				
1977	3.1	-	-	-
1978	3.3	-	-	-
1979	3.6	-	-	-
1980	4.0	-	-	-
1981	4.0	-	-	-
GOVERNMENT				
1977	17.4	-	-	-
1978	18.6	-	-	-
1979	18.5	-	-	-
1980	18.2	-	-	-
1981	17.8	-	-	-
FEDERAL GOVERNMENT				
1977	5.6	-	-	-
1978	5.7	-	-	-
1979	5.6	-	-	-
1980	5.4	-	-	-
1981	5.5	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	11.8	-	-	-
1978	12.9	-	-	-
1979	12.3	-	-	-
1980	12.8	-	-	-
1981	12.3	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	381.7	-	-	-
1978	395.8	-	-	-
1979	400.0	-	-	-
1980	398.3	-	-	-
1981	400.5	-	-	-
CONSTRUCTION				
1977	12.6	-	-	-
1978	13.5	-	-	-
1979	13.9	-	-	-
1980	12.7	-	-	-
1981	11.9	-	-	-
MANUFACTURING				
1977	128.8	171.65	39.1	4.39
1978	134.4	183.22	38.9	4.71
1979	132.6	199.41	39.1	5.10
1980	128.2	219.69	39.3	5.59
1981	126.3	239.73	39.3	6.10
DURABLE GOODS				
1977	52.7	195.51	39.9	4.90
1978	54.4	210.27	39.9	5.27
1979	56.0	228.97	40.1	5.71
1980	56.2	250.91	40.6	6.18
1981	55.7	270.27	40.1	6.74
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	2.6	213.84	43.2	4.95
1978	3.1	233.75	42.5	5.50
1979	3.1	248.26	43.1	5.76
1980	3.0	285.46	45.6	6.26
1981	2.6	311.75	42.3	7.37
PRIMARY METAL INDUSTRIES — SIC 33				
1977	7.0	221.62	43.2	5.13
1978	7.2	242.76	44.3	5.48
1979	8.2	255.79	43.8	5.84
1980	8.2	266.64	42.8	6.23
1981	7.8	300.12	44.2	6.79
PRIMARY METALS, FABRICATED METALS, AND MACHINERY — SIC 33-36				
1977	36.3	195.77	40.2	4.87
1978	38.0	212.34	40.6	5.23
1979	39.4	228.66	40.4	5.66
1980	38.6	246.02	40.2	6.12
1981	37.4	265.46	40.1	6.62
FABRICATED METAL PRODUCTS — SIC 34				
1977	9.4	170.44	38.3	4.45
1978	10.0	180.78	37.9	4.77
1979	10.1	194.11	37.4	5.19
1980	9.6	211.46	38.1	5.55
1981	9.7	227.24	38.0	5.98
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	9.1	241.68	42.4	5.70
1978	9.3	271.12	43.8	6.19
1979	9.4	291.50	43.9	6.64
1980	9.5	307.15	42.6	7.21
1981	8.8	322.60	41.2	7.83
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	10.8	158.30	37.6	4.21
1978	11.5	171.16	37.7	4.54
1979	11.7	189.76	37.8	5.02
STATEWIDE (Con.)				
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36 (Con.)				
1980	11.3	206.39	37.8	5.46
1981	11.1	223.13	37.5	5.95
TRANSPORTATION EQUIPMENT — SIC 37				
1977	7.1	202.16	38.0	5.32
1978	6.2	214.91	36.8	5.84
1979	6.2	240.15	37.7	6.37
1980	7.2	287.45	41.3	6.96
1981	8.1	304.16	40.5	7.51
INSTRUMENTS AND RELATED PRODUCTS — SIC 38				
1977	5.2	175.78	39.5	4.45
1978	5.3	188.40	40.0	4.71
1979	5.4	212.74	40.6	5.24
1980	5.2	231.34	40.8	5.67
1981	5.2	258.26	40.8	6.33
NONDURABLE GOODS				
1977	76.1	155.56	38.6	4.03
1978	80.0	165.41	38.2	4.33
1979	76.6	180.18	38.5	4.68
1980	72.0	195.58	38.2	5.12
1981	70.6	216.72	38.7	5.60
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	3.6	193.54	37.8	5.12
1978	3.6	208.31	37.0	5.63
1979	3.4	200.93	35.5	5.66
1980	3.3	218.41	36.1	6.05
1981	3.1	230.68	36.5	6.32
TEXTILE MILL PRODUCTS — SIC 22				
1977	12.4	161.77	41.8	3.87
1978	12.6	175.98	41.8	4.21
1979	12.5	191.58	41.2	4.65
1980	12.2	206.59	41.4	4.99
1981	12.2	226.56	41.8	5.42
WEAVING MILLS, COTTON, SYNTHETICS, AND WOOL — SIC 221-3				
1977	2.0	174.29	42.2	4.13
1978	1.9	195.57	42.7	4.58
1979	1.9	213.71	43.0	4.97
1980	2.0	220.42	41.2	5.35
1981	1.9	245.02	42.1	5.82
NARROW FABRIC MILLS — SIC 224				
1977	4.1	150.70	41.4	3.64
1978	3.8	167.03	42.5	3.93
1979	3.6	175.46	40.9	4.29
1980	3.4	185.81	41.2	4.51
1981	3.5	201.48	41.8	4.82
TEXTILE FINISHING, EXCEPT WOOL — SIC 226				
1977	2.3	186.12	44.0	4.23
1978	2.3	198.61	41.9	4.74
1979	2.4	225.84	41.9	5.39
1980	2.3	247.29	42.2	5.86
1981	2.2	279.29	43.1	6.48
YARN AND THREAD MILLS — SIC 228				
1977	1.7	135.63	39.2	3.46
1978	1.8	148.14	39.4	3.76
1979	1.7	160.77	39.5	4.07
1980	1.6	178.53	40.3	4.43
1981	1.7	193.55	39.5	4.90
STATEWIDE (Con.)				
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	3.8	147.03	39.0	3.77
1978	4.0	160.00	40.0	4.00
1979	3.6	171.60	40.0	4.29
1980	3.6	188.07	40.1	4.69
1981	3.7	206.52	40.1	5.15
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	3.0	164.39	39.9	4.12
1978	3.1	185.23	40.8	4.54
1979	3.0	199.26	40.5	4.92
1980	2.8	210.54	39.8	5.29
1981	2.8	232.62	39.9	5.83
PRINTING AND PUBLISHING — SIC 27				
1977	4.9	241.38	39.7	6.08
1978	5.1	259.50	39.8	6.52
1979	5.3	272.80	40.0	6.82
1980	5.4	286.44	39.4	7.27
1981	5.8	283.79	37.0	7.67
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	2.8	251.13	40.9	6.14
1978	3.1	268.80	40.0	6.72
1979	3.2	272.55	39.5	6.90
1980	3.1	292.99	38.4	7.63
1981	3.1	315.93	39.1	8.08
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS — SIC 30				
1977	7.3	162.05	38.4	4.22
1978	7.1	181.20	38.8	4.67
1979	7.2	198.90	39.7	5.01
1980	7.0	215.28	39.0	5.52
1981	6.4	243.01	40.3	6.03
MISCELLANEOUS PLASTICS PRODUCTS — SIC 307				
1977	4.9	165.51	39.5	4.19
1978	5.2	181.42	39.1	4.64
1979	5.4	199.19	39.6	5.03
1980	5.3	214.34	38.9	5.51
1981	5.1	240.20	40.1	5.99
JEWELRY, INCLUDING COSTUME; SILVERWARE, AND PLATED WARE — SIC 391,3961				
1977	29.9	136.15	37.2	3.66
1978	32.5	141.99	36.5	3.89
1979	29.2	156.14	37.0	4.22
1980	25.5	168.07	36.3	4.63
1981	24.6	187.59	37.0	5.07
TRANSPORTATION AND PUBLIC UTILITIES				
1977	13.3	-	-	-
1978	13.3	-	-	-
1979	13.4	-	-	-
1980	13.0	-	-	-
1981	13.1	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	77.4	-	-	-
1978	79.4	-	-	-
1979	80.7	-	-	-
1980	80.9	-	-	-
1981	81.4	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	19.1	-	-	-
1978	20.0	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Production or nonsupervisory workers: Average weekly hours	Production or nonsupervisory workers: Average hourly earnings (dollars)
STATEWIDE (Con.)				
FINANCE, INSURANCE, AND REAL ESTATE (Con.)				
1979	20.8	-	-	-
1980	20.8	-	-	-
1981	21.0	-	-	-
SERVICES AND MINING				
1977	72.3	-	-	-
1978	75.4	-	-	-
1979	79.3	-	-	-
1980	83.5	-	-	-
1981	88.4	-	-	-
GOVERNMENT				
1977	58.2	-	-	-
1978	59.8	-	-	-
1979	59.3	-	-	-
1980	59.2	-	-	-
1981	58.4	-	-	-
FEDERAL GOVERNMENT				
1977	9.8	-	-	-
1978	9.5	-	-	-
1979	9.3	-	-	-
1980	9.3	-	-	-
1981	8.9	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	48.4	-	-	-
1978	50.3	-	-	-
1979	50.0	-	-	-
1980	49.9	-	-	-
1981	49.5	-	-	-
PROVIDENCE-WARWICK-PAWTUCKET				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	391.4	-	-	-
1978	408.0	-	-	-
1979	410.0	-	-	-
1980	407.1	-	-	-
1981	407.0	-	-	-
CONSTRUCTION				
1977	12.8	-	-	-
1978	13.6	-	-	-
1979	14.1	-	-	-
1980	12.9	-	-	-
1981	12.0	-	-	-
MANUFACTURING				
1977	144.3	172.92	39.3	4.40
1978	150.7	185.02	39.2	4.72
1979	147.8	199.64	39.3	5.08
1980	143.0	218.12	39.3	5.55
1981	139.6	238.76	39.4	6.06
PRIMARY METAL INDUSTRIES — SIC 33				
1977	9.7	223.31	43.7	5.11
1978	10.1	242.91	44.9	5.41
1979	10.9	255.48	44.2	5.78
1980	11.3	267.03	43.0	6.21
1981	11.1	300.80	44.3	6.79
FABRICATED METAL PRODUCTS — SIC 34				
1977	12.1	180.71	39.2	4.61
1978	12.0	188.37	38.6	4.88
1979	12.1	197.93	37.7	5.25
1980	11.9	214.66	38.4	5.59
1981	11.9	228.82	38.2	5.99
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	9.9	240.83	42.4	5.68
1978	10.3	270.42	43.9	6.16
1979	10.7	290.18	44.1	6.58
1980	10.6	303.17	42.7	7.10
1981	9.9	320.90	41.3	7.77

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Production or nonsupervisory workers: Average weekly hours	Production or nonsupervisory workers: Average hourly earnings (dollars)
PROVIDENCE-WARWICK-PAWTUCKET (Con.)				
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	12.1	163.35	37.9	4.31
1978	13.1	176.26	38.4	4.59
1979	13.0	189.70	38.4	4.94
1980	11.8	195.98	37.4	5.24
1981	10.9	209.79	37.0	5.67
TEXTILE MILL PRODUCTS — SIC 22				
1977	12.0	160.06	41.9	3.82
1978	12.1	173.89	41.9	4.15
1979	11.9	186.59	41.1	4.54
1980	11.6	202.45	41.4	4.89
1981	11.4	222.26	41.7	5.33
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS — SIC 30				
1977	7.5	162.47	38.5	4.22
1978	7.3	180.81	38.8	4.66
1979	7.3	198.10	39.7	4.99
1980	7.2	215.67	39.0	5.53
1981	6.5	243.82	40.3	6.05
JEWELRY, INCLUDING COSTUME; SILVERWARE, AND PLATED WARE — SIC 391,3961				
1977	36.5	140.25	37.6	3.73
1978	39.3	149.17	37.2	4.01
1979	36.3	160.39	37.3	4.30
1980	32.4	173.80	36.9	4.71
1981	30.9	194.91	37.7	5.17
TRANSPORTATION AND PUBLIC UTILITIES				
1977	13.1	-	-	-
1978	13.3	-	-	-
1979	13.2	-	-	-
1980	13.0	-	-	-
1981	13.0	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	77.9	-	-	-
1978	80.7	-	-	-
1979	81.7	-	-	-
1980	81.2	-	-	-
1981	81.1	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	19.2	-	-	-
1978	20.2	-	-	-
1979	20.8	-	-	-
1980	20.9	-	-	-
1981	20.9	-	-	-
SERVICES AND MINING				
1977	69.2	-	-	-
1978	72.7	-	-	-
1979	76.1	-	-	-
1980	80.0	-	-	-
1981	84.5	-	-	-
GOVERNMENT				
1977	54.9	-	-	-
1978	56.8	-	-	-
1979	56.3	-	-	-
1980	56.1	-	-	-
1981	55.9	-	-	-
FEDERAL GOVERNMENT				
1977	6.8	-	-	-
1978	6.8	-	-	-
1979	6.7	-	-	-
1980	6.4	-	-	-
1981	6.0	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	48.1	-	-	-
1978	50.0	-	-	-
1979	49.6	-	-	-
1980	49.7	-	-	-
1981	49.9	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	1,081.7	-	-	-
1978	1,137.5	-	-	-
1979	1,176.0	-	-	-
1980	1,188.8	-	-	-
1981	1,196.5	-	-	-
MINING				
1977	1.8	-	-	-
1978	1.8	-	-	-
1979	1.9	-	-	-
1980	1.9	-	-	-
1981	1.8	-	-	-
CONSTRUCTION				
1977	65.8	-	-	-
1978	70.2	-	-	-
1979	73.1	-	-	-
1980	73.4	-	-	-
1981	71.2	-	-	-
MANUFACTURING				
1977	380.2	173.77	40.6	4.28
1978	391.1	190.13	40.8	4.66
1979	399.5	208.08	40.8	5.10
1980	391.9	225.28	40.3	5.59
1981	388.2	249.67	40.4	6.18
DURABLE GOODS				
1977	108.6	179.28	41.5	4.32
1978	116.3	192.64	40.9	4.71
1979	122.2	212.49	41.1	5.17
1980	120.5	230.11	40.3	5.71
1981	119.5	258.22	40.6	6.36
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	15.0	159.71	43.4	3.68
1978	15.8	175.82	43.2	4.07
1979	16.2	190.87	42.7	4.47
1980	14.8	200.30	41.3	4.85
1981	14.3	218.56	40.7	5.37
FURNITURE AND FIXTURES — SIC 25				
1977	4.5	137.59	39.2	3.51
1978	5.0	157.60	40.0	3.94
1979	5.0	174.19	38.2	4.56
1980	4.8	185.65	38.2	4.86
1981	4.9	202.93	39.1	5.19
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	11.4	204.48	42.6	4.80
1978	11.7	225.13	42.8	5.26
1979	11.8	239.25	42.8	5.59
1980	10.9	264.63	43.1	6.14
1981	10.7	299.87	42.9	6.99
PRIMARY METAL INDUSTRIES — SIC 33				
1977	4.8	-	-	-
1978	5.8	-	-	-
1979	6.7	-	-	-
1980	7.6	-	-	-
1981	7.6	-	-	-
FABRICATED METAL PRODUCTS — SIC 34				
1977	13.2	178.88	41.6	4.30
1978	14.0	183.60	40.0	4.59
1979	14.8	208.82	42.1	4.96
1980	14.3	227.55	41.0	5.55
1981	14.7	238.19	40.1	5.94

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
FABRICATED STRUCTURAL METAL PRODUCTS — SIC 344				
1977	6.2	-	-	-
1978	6.4	-	-	-
1979	6.2	-	-	-
1980	5.9	-	-	-
1981	6.1	-	-	-
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	27.5	196.88	41.8	4.71
1978	29.9	211.42	41.7	5.07
1979	31.5	230.88	41.6	5.55
1980	31.3	252.76	40.9	6.18
1981	30.5	279.89	41.1	6.81
METALWORKING MACHINERY — SIC 354				
1977	4.5	-	-	-
1978	4.8	-	-	-
1979	5.0	-	-	-
1980	5.2	-	-	-
1981	5.0	-	-	-
SPECIAL INDUSTRY MACHINERY — SIC 355				
1977	8.7	182.86	40.1	4.56
1978	8.8	201.72	41.0	4.92
1979	9.3	217.42	41.1	5.29
1980	9.4	242.26	41.2	5.88
1981	8.9	259.49	40.8	6.36
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	18.3	163.60	40.0	4.09
1978	19.5	169.22	38.9	4.35
1979	21.0	188.33	39.9	4.72
1980	22.0	202.79	38.7	5.24
1981	21.6	231.47	39.5	5.86
ELECTRONIC COMPONENTS AND ACCESSORIES — SIC 367				
1977	6.8	-	-	-
1978	7.0	-	-	-
1979	7.8	-	-	-
1980	8.3	-	-	-
1981	7.9	-	-	-
TRANSPORTATION EQUIPMENT — SIC 37				
1979	4.0	-	-	-
1980	4.2	-	-	-
1981	5.1	-	-	-
INSTRUMENTS AND RELATED PRODUCTS — SIC 38				
1977	5.4	157.60	39.9	3.95
1978	5.7	165.71	38.9	4.26
1979	6.0	180.25	39.1	4.61
1980	6.0	194.67	37.8	5.15
1981	5.8	220.30	39.2	5.62
MISC. MANUFACTURING INDUSTRIES — SIC 39				
1979	5.1	-	-	-
1980	4.7	-	-	-
1981	4.2	-	-	-
NONDURABLE GOODS				
1977	271.6	171.68	40.3	4.26
1978	274.8	188.85	40.7	4.64
1979	277.3	205.44	40.6	5.06
1980	271.4	222.86	40.3	5.53
1981	268.7	246.04	40.4	6.09

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	14.0	149.67	39.7	3.77
1978	14.5	162.24	39.0	4.16
1979	14.8	174.39	39.1	4.46
1980	14.4	194.83	39.6	4.92
1981	14.1	207.97	38.8	5.36
BEVERAGES — SIC 208				
1977	2.7	-	-	-
1978	2.8	-	-	-
1979	2.9	-	-	-
1980	2.8	-	-	-
1981	2.7	-	-	-
TEXTILE MILL PRODUCTS — SIC 22				
1977	146.3	167.69	40.8	4.11
1978	143.4	185.09	41.5	4.46
1979	142.1	199.55	41.4	4.82
1980	136.9	213.68	40.7	5.25
1981	133.1	234.60	40.8	5.75
WEAVING MILLS, COTTON — SIC 221				
1977	41.2	168.91	40.8	4.14
1978	39.9	186.78	41.6	4.49
1979	41.0	203.08	41.7	4.87
1980	40.8	219.72	41.3	5.32
1981	38.9	234.60	40.8	5.75
WEAVING MILLS, SYNTHETICS — SIC 222				
1977	47.4	171.79	41.0	4.19
1978	46.5	191.10	42.0	4.55
1979	46.1	294.67	41.6	4.92
1980	43.3	218.82	40.9	5.35
1981	41.9	244.91	41.3	5.93
KNITTING MILLS — SIC 225				
1977	12.2	152.83	39.8	3.84
1978	12.1	167.18	39.9	4.19
1979	11.4	177.28	40.2	4.41
1980	11.3	183.06	37.9	4.83
1981	11.2	209.88	39.6	5.30
TEXTILE FINISHING, EXCEPT WOOL — SIC 226				
1977	19.7	176.11	40.3	4.37
1978	19.4	193.99	41.1	4.72
1979	18.9	205.74	40.5	5.08
1980	18.3	224.87	40.3	5.58
1981	18.3	245.22	40.6	6.04
FLOOR COVERING MILLS — SIC 227				
1977	4.3	166.86	41.2	4.05
1978	4.2	184.34	41.8	4.41
1979	3.8	193.80	40.8	4.75
1980	3.1	217.69	42.6	5.11
1981	3.0	240.12	42.2	5.69
YARN AND THREAD MILLS — SIC 228				
1977	12.1	155.96	41.7	3.74
1978	11.7	169.58	42.5	3.99
1979	11.4	181.02	42.0	4.31
1980	10.8	191.41	40.9	4.68
1981	10.3	202.58	39.8	5.09
MISCELLANEOUS TEXTILE GOODS — SIC 229				
1977	5.7	-	-	-
1978	5.7	-	-	-
1979	6.0	-	-	-
1980	6.1	-	-	-
1981	6.2	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Production or nonsupervisory workers: Average weekly hours	Production or nonsupervisory workers: Average hourly earnings (dollars)
STATEWIDE (Con.)				
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	45.7	115.07	37.0	3.11
1978	48.3	129.50	37.0	3.50
1979	47.7	140.96	36.9	3.82
1980	46.4	154.46	37.4	4.13
1981	46.7	167.93	37.4	4.49
MEN'S AND BOYS' FURNISHINGS — SIC 232				
1977	10.6	110.41	36.2	3.05
1978	10.5	123.00	36.5	3.37
1979	10.3	132.11	35.9	3.68
1980	10.3	147.26	37.0	3.98
1981	10.1	157.47	36.2	4.35
WOMEN'S AND MISSES' OUTERWEAR — SIC 233				
1977	16.5	108.96	36.2	3.01
1978	17.5	120.60	36.0	3.35
1979	17.1	130.30	35.7	3.65
1980	16.0	141.12	36.0	3.92
1981	16.0	150.90	36.1	4.18
MISC. FABRICATED TEXTILE PRODUCTS — SIC 239				
1977	6.5	-	-	-
1978	7.2	-	-	-
1979	7.0	-	-	-
1980	6.9	-	-	-
1981	7.2	-	-	-
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	13.8	262.12	42.9	6.11
1978	13.9	294.69	43.4	6.79
1979	14.1	327.62	43.8	7.48
1980	14.0	355.21	42.9	8.28
1981	13.9	388.72	43.0	9.04
MISC. CONVERTED PAPER PRODUCTS — SIC 264				
1977	3.3	-	-	-
1978	3.3	-	-	-
1979	3.4	-	-	-
1980	3.4	-	-	-
1981	3.5	-	-	-
PAPERBOARD CONTAINERS AND BOXES — SIC 265				
1977	5.0	-	-	-
1978	4.9	-	-	-
1979	4.8	-	-	-
1980	4.7	-	-	-
1981	4.5	-	-	-
PRINTING AND PUBLISHING — SIC 27				
1977	6.6	185.11	37.7	4.91
1978	6.9	197.46	37.9	5.21
1979	7.2	212.77	38.2	5.57
1980	7.5	228.61	37.6	6.08
1981	8.0	248.04	37.3	6.65
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	31.5	237.46	40.8	5.82
1978	32.6	259.34	41.1	6.31
1979	33.5	288.40	41.2	7.00
1980	33.3	316.06	41.1	7.69
1981	32.7	352.34	41.5	8.49
TRANSPORTATION AND PUBLIC UTILITIES				
1977	45.1	-	-	-
1978	48.8	-	-	-
1979	53.0	-	-	-
1980	53.0	-	-	-
1981	53.8	-	-	-
TRUCKING AND WAREHOUSING — SIC 42				
1977	13.4	-	-	-
1978	14.3	-	-	-
1979	15.3	-	-	-
1980	14.3	-	-	-
1981	13.8	-	-	-
STATEWIDE (Con.)				
COMMUNICATION — SIC 48				
1977	12.6	-	-	-
1978	13.4	-	-	-
1979	14.1	-	-	-
1980	14.5	-	-	-
1981	14.8	-	-	-
ELECTRIC, GAS, AND SANITARY SERVICES — SIC 49				
1977	9.8	-	-	-
1978	11.6	-	-	-
1979	13.8	-	-	-
1980	13.9	-	-	-
1981	14.4	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	199.5	-	-	-
1978	213.0	-	-	-
1979	221.0	-	-	-
1980	225.1	-	-	-
1981	231.3	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	43.3	-	-	-
1978	45.9	-	-	-
1979	48.4	-	-	-
1980	49.6	-	-	-
1981	50.5	-	-	-
RETAIL TRADE — SIC 52-59				
1977	156.2	-	-	-
1978	167.0	-	-	-
1979	172.6	-	-	-
1980	175.5	-	-	-
1981	180.8	-	-	-
GENERAL MERCHANDISE STORES — SIC 53				
1977	25.1	-	-	-
1978	26.6	-	-	-
1979	26.3	-	-	-
1980	26.3	-	-	-
1981	25.9	-	-	-
FOOD STORES — SIC 54				
1977	28.4	-	-	-
1978	29.8	-	-	-
1979	31.4	-	-	-
1980	32.8	-	-	-
1981	33.8	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	41.5	-	-	-
1978	43.8	-	-	-
1979	46.3	-	-	-
1980	47.7	-	-	-
1981	49.5	-	-	-
INSURANCE CARRIERS — SIC 63				
1977	10.7	-	-	-
1978	11.0	-	-	-
1979	11.0	-	-	-
1980	10.9	-	-	-
1981	10.8	-	-	-
SERVICES				
1977	134.1	-	-	-
1978	145.0	-	-	-
1979	152.4	-	-	-
1980	159.3	-	-	-
1981	166.2	-	-	-
HOSPITALS — SIC 806				
1977	11.8	-	-	-
1978	11.1	-	-	-
1979	11.8	-	-	-
1980	12.6	-	-	-
1981	13.2	-	-	-
STATEWIDE (Con.)				
EDUCATIONAL SERVICES — SIC 82				
1977	11.8	-	-	-
1978	13.6	-	-	-
1979	15.0	-	-	-
1980	15.8	-	-	-
1981	15.7	-	-	-
GOVERNMENT				
1977	213.7	-	-	-
1978	223.8	-	-	-
1979	228.8	-	-	-
1980	236.4	-	-	-
1981	234.4	-	-	-
FEDERAL GOVERNMENT				
1977	35.4	-	-	-
1978	35.8	-	-	-
1979	35.9	-	-	-
1980	37.6	-	-	-
1981	37.0	-	-	-
STATE GOVERNMENT				
1977	62.8	-	-	-
1978	68.1	-	-	-
1979	71.8	-	-	-
1980	73.9	-	-	-
1981	73.3	-	-	-
STATE EDUCATION — SIC 82,941				
1977	24.6	-	-	-
1978	26.4	-	-	-
1979	28.1	-	-	-
1980	29.2	-	-	-
1981	29.6	-	-	-
LOCAL GOVERNMENT				
1977	115.5	-	-	-
1978	119.9	-	-	-
1979	121.1	-	-	-
1980	124.9	-	-	-
1981	124.1	-	-	-
LOCAL EDUCATION — SIC 82,941				
1977	69.2	-	-	-
1978	67.0	-	-	-
1979	68.8	-	-	-
1980	71.1	-	-	-
1981	71.1	-	-	-
CHARLESTON-NORTH CHARLESTON				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	130.2	-	-	-
1978	138.7	-	-	-
1979	145.4	-	-	-
1980	148.6	-	-	-
1981	152.5	-	-	-
CONSTRUCTION				
1977	10.3	-	-	-
1978	10.6	-	-	-
1979	11.6	-	-	-
1980	11.5	-	-	-
1981	10.1	-	-	-
MANUFACTURING				
1977	18.2	196.94	41.2	4.78
1978	19.1	219.12	41.5	5.28
1979	20.1	235.82	40.8	5.78
1980	19.7	260.18	40.4	6.44
1981	20.8	272.16	39.5	6.89
DURABLE GOODS				
1977	9.5	199.39	41.8	4.77
1978	10.2	222.60	42.4	5.25
1979	10.4	236.32	41.1	5.75
1980	9.8	254.52	40.4	6.30
1981	10.9	256.23	39.0	6.57

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
CHARLESTON-NORTH CHARLESTON (Con.)				
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	1.7	-	-	-
1978	1.9	-	-	-
1979	2.0	-	-	-
1980	1.6	-	-	-
1981	1.8	-	-	-
NONDURABLE GOODS				
1977	8.7	194.47	40.6	4.79
1978	8.9	215.46	40.5	5.32
1979	9.7	235.57	40.2	5.86
1980	10.0	268.26	40.4	6.64
1981	9.9	291.13	40.1	7.26
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	1.0	-	-	-
1978	1.0	-	-	-
1979	1.0	-	-	-
1980	1.0	-	-	-
1981	1.0	-	-	-
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	1.6	-	-	-
1978	1.8	-	-	-
1979	1.9	-	-	-
1980	1.8	-	-	-
1981	1.8	-	-	-
PRINTING AND PUBLISHING — SIC 27				
1977	.7	-	-	-
1978	.7	-	-	-
1979	.8	-	-	-
1980	.8	-	-	-
1981	.8	-	-	-
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	1.7	-	-	-
1978	1.8	-	-	-
1979	2.3	-	-	-
1980	2.5	-	-	-
1981	2.3	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	7.5	-	-	-
1978	8.3	-	-	-
1979	8.8	-	-	-
1980	8.8	-	-	-
1981	9.0	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	28.1	-	-	-
1978	30.2	-	-	-
1979	31.1	-	-	-
1980	31.9	-	-	-
1981	33.0	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	5.9	-	-	-
1978	6.3	-	-	-
1979	6.6	-	-	-
1980	6.7	-	-	-
1981	7.2	-	-	-
RETAIL TRADE — SIC 52-59				
1977	22.2	-	-	-
1978	23.9	-	-	-
1979	24.5	-	-	-
1980	25.1	-	-	-
1981	25.8	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	5.4	-	-	-
1978	5.8	-	-	-
1979	6.2	-	-	-
1980	6.4	-	-	-
1981	6.6	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
CHARLESTON-NORTH CHARLESTON (Con.)				
SERVICES AND MINING				
1977	19.4	-	-	-
1978	21.0	-	-	-
1979	22.7	-	-	-
1980	24.1	-	-	-
1981	25.8	-	-	-
GOVERNMENT				
1977	41.3	-	-	-
1978	43.7	-	-	-
1979	44.9	-	-	-
1980	46.2	-	-	-
1981	47.2	-	-	-
FEDERAL GOVERNMENT				
1977	16.5	-	-	-
1978	17.1	-	-	-
1979	17.5	-	-	-
1980	18.0	-	-	-
1981	18.4	-	-	-
STATE GOVERNMENT				
1977	10.6	-	-	-
1978	11.5	-	-	-
1979	12.1	-	-	-
1980	12.7	-	-	-
1981	12.7	-	-	-
LOCAL GOVERNMENT				
1977	14.2	-	-	-
1978	15.1	-	-	-
1979	15.3	-	-	-
1980	15.6	-	-	-
1981	16.2	-	-	-
COLUMBIA				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	159.3	-	-	-
1978	169.3	-	-	-
1979	175.6	-	-	-
1980	179.2	-	-	-
1981	180.0	-	-	-
CONSTRUCTION				
1977	8.1	-	-	-
1978	8.6	-	-	-
1979	8.4	-	-	-
1980	8.6	-	-	-
1981	8.6	-	-	-
MANUFACTURING				
1977	24.1	174.80	40.0	4.37
1978	25.7	184.14	39.6	4.65
1979	27.3	204.97	39.8	5.15
1980	27.5	217.49	39.4	5.52
1981	27.3	240.18	39.7	6.05
DURABLE GOODS				
1977	11.2	180.81	41.0	4.41
1978	12.4	187.38	39.7	4.72
1979	13.4	208.28	41.0	5.08
1980	13.6	216.76	39.7	5.46
1981	12.1	237.41	39.7	5.98
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	1.0	-	-	-
1978	1.0	-	-	-
1979	.9	-	-	-
1980	.9	-	-	-
1981	.9	-	-	-
FABRICATED METAL PRODUCTS — SIC 34				
1977	2.5	193.05	42.9	4.50
1978	2.6	198.36	40.4	4.91
1979	2.5	224.72	42.4	5.30
1980	2.4	237.31	41.2	5.76
1981	2.5	235.62	39.6	5.95

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
COLUMBIA (Con.)				
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	2.6	194.58	41.4	4.70
1978	2.8	202.19	40.6	4.98
1979	3.3	220.90	41.6	5.31
1980	3.4	214.27	38.4	5.58
1981	3.1	263.21	39.7	6.63
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	1.9	-	-	-
1978	2.0	-	-	-
1979	2.0	-	-	-
1980	2.4	-	-	-
1981	2.2	-	-	-
NONDURABLE GOODS				
1977	12.8	169.30	39.1	4.33
1978	13.4	181.76	39.6	4.59
1979	13.9	201.11	38.6	5.21
1980	13.9	218.57	39.1	5.59
1981	15.2	241.34	39.5	6.11
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	1.4	-	-	-
1978	1.4	-	-	-
1979	1.5	-	-	-
1980	1.5	-	-	-
1981	1.4	-	-	-
TEXTILE MILL PRODUCTS — SIC 22				
1977	3.6	164.84	40.7	4.05
1978	3.5	175.01	40.7	4.30
1979	3.6	195.43	40.8	4.79
1980	3.5	211.93	40.6	5.22
1981	2.9	230.18	41.4	5.56
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	2.2	110.38	37.8	2.92
1978	2.5	125.30	38.2	3.28
1979	2.5	132.06	35.5	3.72
1980	2.5	147.07	38.5	3.82
1981	2.5	156.29	37.3	4.19
PRINTING AND PUBLISHING — SIC 27				
1977	1.7	-	-	-
1978	1.9	-	-	-
1979	1.9	-	-	-
1980	2.0	-	-	-
1981	2.1	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	8.4	-	-	-
1978	8.7	-	-	-
1979	9.2	-	-	-
1980	9.4	-	-	-
1981	9.6	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	33.7	-	-	-
1978	36.8	-	-	-
1979	38.0	-	-	-
1980	38.1	-	-	-
1981	37.6	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	9.0	-	-	-
1978	9.9	-	-	-
1979	10.4	-	-	-
1980	10.5	-	-	-
1981	10.5	-	-	-
RETAIL TRADE — SIC 52-59				
1977	24.7	-	-	-
1978	26.9	-	-	-
1979	27.6	-	-	-
1980	27.6	-	-	-
1981	27.0	-	-	-

See footnotes at end of tables.

SOUTH CAROLINA

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
COLUMBIA (Con.)				
FINANCE, INSURANCE, AND REAL ESTATE				
1977	12.0	-	-	-
1978	12.7	-	-	-
1979	13.5	-	-	-
1980	14.0	-	-	-
1981	14.3	-	-	-
SERVICES AND MINING				
1977	23.9	-	-	-
1978	25.4	-	-	-
1979	26.2	-	-	-
1980	27.1	-	-	-
1981	28.1	-	-	-
GOVERNMENT				
1977	49.2	-	-	-
1978	51.5	-	-	-
1979	53.1	-	-	-
1980	54.3	-	-	-
1981	54.7	-	-	-
FEDERAL GOVERNMENT				
1977	7.8	-	-	-
1978	7.6	-	-	-
1979	7.5	-	-	-
1980	8.0	-	-	-
1981	7.8	-	-	-
STATE GOVERNMENT				
1977	26.3	-	-	-
1978	27.8	-	-	-
1979	29.4	-	-	-
1980	29.8	-	-	-
1981	30.6	-	-	-
LOCAL GOVERNMENT				
1977	15.1	-	-	-
1978	16.2	-	-	-
1979	16.2	-	-	-
1980	16.5	-	-	-
1981	16.3	-	-	-
GREENVILLE-SPARTANBURG				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	242.0	-	-	-
1978	254.5	-	-	-
1979	261.2	-	-	-
1980	266.4	-	-	-
1981	268.0	-	-	-
CONSTRUCTION				
1977	13.8	-	-	-
1978	15.7	-	-	-
1979	16.4	-	-	-
1980	17.6	-	-	-
1981	16.4	-	-	-
MANUFACTURING				
1977	102.3	172.53	40.5	4.26
1978	104.5	188.44	40.7	4.63
1979	106.6	205.54	40.7	5.05
1980	105.0	222.40	40.0	5.56
1981	102.5	245.02	40.3	6.08
DURABLE GOODS				
1977	26.7	182.07	41.1	4.43
1978	28.2	193.26	40.6	4.76
1979	29.9	215.66	41.0	5.26
1980	30.3	237.15	40.4	5.87
1981	29.7	255.04	40.1	6.36
LUMBER AND WOOD PRODUCTS — SIC 24				
1978	1.1	-	-	-
1979	1.1	-	-	-
1980	1.0	-	-	-
1981	.9	-	-	-
GREENVILLE-SPARTANBURG (Con.)				
FABRICATED METAL PRODUCTS — SIC 34				
1978	3.2	-	-	-
1979	3.7	-	-	-
1980	3.8	-	-	-
1981	3.9	-	-	-
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	12.7	189.83	41.0	4.63
1978	13.1	202.86	40.9	4.96
1979	13.8	228.10	41.7	5.47
1980	13.9	254.00	41.3	6.15
1981	13.2	271.58	40.9	6.64
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	5.1	-	-	-
1978	5.5	-	-	-
1979	6.0	-	-	-
1980	6.4	-	-	-
1981	6.6	-	-	-
NONDURABLE GOODS				
1977	75.6	169.26	40.3	4.20
1978	76.3	186.86	40.8	4.58
1979	76.7	201.78	40.6	4.97
1980	74.7	217.06	39.9	5.44
1981	72.8	241.19	40.4	5.97
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	2.7	-	-	-
1978	2.7	-	-	-
1979	2.8	-	-	-
1980	2.7	-	-	-
1981	2.6	-	-	-
TEXTILE MILL PRODUCTS — SIC 22				
1977	44.8	169.71	40.6	4.18
1978	44.0	187.05	41.2	4.54
1979	42.7	200.57	41.1	4.88
1980	40.3	214.80	40.3	5.33
1981	37.8	236.29	40.6	5.82
WEAVING MILLS, COTTON — SIC 221				
1977	11.0	165.20	40.0	4.13
1978	11.2	185.44	41.3	4.49
1979	11.2	202.80	41.9	4.84
1980	11.0	216.48	41.0	5.28
1981	10.4	234.02	40.7	5.75
WEAVING MILLS, SYNTHETICS — SIC 222				
1977	17.6	175.50	41.1	4.27
1978	16.8	194.37	41.8	4.65
1979	16.1	206.91	41.3	5.01
1980	15.0	220.18	40.4	5.45
1981	14.0	244.17	40.9	5.97
KNITTING MILLS — SIC 225				
1977	4.3	165.55	39.7	4.17
1978	4.0	175.76	39.5	4.45
1979	3.8	180.95	38.5	4.70
1980	3.6	195.75	37.5	5.22
1981	2.9	216.59	38.2	5.67
TEXTILE FINISHING, EXCEPT WOOL — SIC 226				
1977	4.3	174.12	40.4	4.31
1978	4.3	188.50	40.8	4.62
1979	4.4	204.18	41.0	4.98
1980	4.3	217.85	39.9	5.46
1981	4.1	233.96	40.2	5.82
FLOOR COVERING MILLS — SIC 227				
1977	3.2	-	-	-
1978	3.0	-	-	-
1979	2.6	-	-	-
1980	2.0	-	-	-
1981	1.9	-	-	-
GREENVILLE-SPARTANBURG (Con.)				
YARN AND THREAD MILLS — SIC 228				
1977	1.9	-	-	-
1978	1.9	-	-	-
1979	1.7	-	-	-
1980	1.7	-	-	-
1981	1.7	-	-	-
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	9.7	117.02	36.8	3.18
1978	10.2	128.37	37.1	3.46
1979	10.1	138.76	37.3	3.72
1980	9.5	149.78	36.8	4.07
1981	9.6	165.54	37.2	4.45
MEN'S AND BOYS' FURNISHINGS — SIC 232				
1977	2.4	109.24	35.7	3.06
1978	2.4	119.55	35.9	3.33
1979	2.4	132.84	36.9	3.60
1980	2.2	137.67	35.3	3.90
1981	1.9	151.36	35.2	4.30
PAPER AND ALLIED PRODUCTS — SIC 26				
1978	3.6	-	-	-
1979	3.7	-	-	-
1980	3.8	-	-	-
1981	3.7	-	-	-
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	8.5	200.33	40.8	4.91
1978	8.4	220.17	41.0	5.37
1979	8.7	245.32	41.3	5.94
1980	8.6	259.37	40.4	6.42
1981	8.3	290.34	41.3	7.03
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS — SIC 30				
1978	5.8	-	-	-
1979	7.0	-	-	-
1980	7.8	-	-	-
1981	8.4	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	9.7	-	-	-
1978	9.9	-	-	-
1979	10.4	-	-	-
1980	10.0	-	-	-
1981	10.0	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	45.4	-	-	-
1978	49.3	-	-	-
1979	50.6	-	-	-
1980	51.9	-	-	-
1981	54.3	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	11.2	-	-	-
1978	12.4	-	-	-
1979	12.8	-	-	-
1980	13.1	-	-	-
1981	14.0	-	-	-
RETAIL TRADE — SIC 52-59				
1977	34.2	-	-	-
1978	36.9	-	-	-
1979	37.8	-	-	-
1980	38.8	-	-	-
1981	40.3	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	8.5	-	-	-
1978	8.8	-	-	-
1979	9.1	-	-	-
1980	9.5	-	-	-
1981	10.0	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
GREENVILLE-SPARTANBURG (Con.)				
SERVICES AND MINING				
1977	31.2	-	-	-
1978	32.8	-	-	-
1979	34.7	-	-	-
1980	36.6	-	-	-
1981	38.3	-	-	-
GOVERNMENT				
1977	31.2	-	-	-
1978	33.5	-	-	-
1979	33.5	-	-	-
1980	35.8	-	-	-
1981	36.4	-	-	-
FEDERAL GOVERNMENT				
1977	1.8	-	-	-
1978	1.7	-	-	-
1979	1.7	-	-	-
1980	1.8	-	-	-
1981	1.7	-	-	-
STATE GOVERNMENT				
1977	8.4	-	-	-
1978	9.0	-	-	-
1979	9.0	-	-	-
1980	10.2	-	-	-
1981	11.1	-	-	-
LOCAL GOVERNMENT				
1977	21.0	-	-	-
1978	22.8	-	-	-
1979	22.8	-	-	-
1980	23.8	-	-	-
1981	23.6	-	-	-

See footnotes at end of tables.

SOUTH DAKOTA

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	226.6	-	-	-
1978	236.6	-	-	-
1979	241.4	-	-	-
1980	238.0	-	-	-
1981	236.8	-	-	-
MINING				
1977	2.6	-	-	-
1978	2.8	-	-	-
1979	2.9	-	-	-
1980	2.8	-	-	-
1981	2.9	-	-	-
CONSTRUCTION				
1977	12.4	-	-	-
1978	13.6	-	-	-
1979	12.9	-	-	-
1980	10.7	-	-	-
1981	9.9	-	-	-
MANUFACTURING				
1977	23.4	190.21	39.3	4.84
1978	24.9	216.42	41.7	5.19
1979	27.5	238.83	41.9	5.70
1980	26.1	265.85	40.9	6.50
1981	25.8	296.19	41.6	7.12
DURABLE GOODS				
1977	10.5	165.71	38.9	4.26
1978	12.0	193.58	41.9	4.62
1979	14.1	210.12	41.2	5.10
1980	13.3	232.93	40.3	5.78
1981	13.1	261.87	40.6	6.45
LUMBER, AND FURNITURE — SIC 24,25				
1977	1.7	152.82	36.3	4.21
1978	1.8	190.88	40.1	4.76
1979	1.5	204.46	39.7	5.15
1980	1.2	229.91	39.3	5.85
1981	1.3	255.96	38.9	6.58
FABRICATED METALS, MACHINERY, AND TRANSPORTATION EQUIPMENT — SIC 34-37				
1977	6.2	169.62	40.1	4.23
1978	7.2	190.48	41.5	4.59
1979	9.2	205.22	40.8	5.03
1980	8.9	224.80	39.3	5.72
1981	8.5	262.63	41.1	6.39
NONDURABLE GOODS				
1977	12.9	209.88	39.6	5.30
1978	12.9	236.81	41.4	5.72
1979	13.4	267.73	42.7	6.27
1980	12.8	298.69	41.6	7.18
1981	12.7	331.78	42.7	7.77
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	8.2	242.40	40.4	6.00
1978	7.9	279.26	42.7	6.54
1979	8.1	314.17	44.5	7.06
1980	7.7	357.52	43.6	8.20
1981	7.7	396.49	44.7	8.87
PAPER, AND PRINTING AND PUBLISHING — SIC 26,27				
1977	2.1	162.73	36.9	4.41
1978	2.2	177.38	36.8	4.82
1979	2.4	197.47	37.4	5.28
STATEWIDE (Con.)				
PAPER, AND PRINTING AND PUBLISHING — SIC 26,27 (Con.)				
1980	2.4	215.40	35.9	6.00
1981	2.5	233.87	36.6	6.39
TRANSPORTATION AND PUBLIC UTILITIES				
1977	12.6	-	-	-
1978	13.4	-	-	-
1979	13.7	-	-	-
1980	13.3	-	-	-
1981	12.8	-	-	-
RAILROAD TRANSPORTATION — SIC 40				
1977	1.2	-	-	-
1978	1.3	-	-	-
1979	1.2	-	-	-
1980	1.1	-	-	-
1981	1.0	-	-	-
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	5.5	-	-	-
1978	5.6	-	-	-
1979	5.8	-	-	-
1980	5.8	-	-	-
1981	5.8	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	62.3	-	-	-
1978	65.2	-	-	-
1979	66.7	-	-	-
1980	65.1	-	-	-
1981	64.4	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	16.6	-	-	-
1978	17.2	-	-	-
1979	17.8	-	-	-
1980	17.5	-	-	-
1981	17.1	-	-	-
WHOLESALE TRADE - DURABLE GOODS — SIC 50				
1977	7.3	-	-	-
1978	7.9	-	-	-
1979	8.5	-	-	-
1980	8.1	-	-	-
1981	7.9	-	-	-
WHOLESALE TRADE - NONDURABLE GOODS — SIC 51				
1977	9.3	-	-	-
1978	9.3	-	-	-
1979	9.3	-	-	-
1980	9.4	-	-	-
1981	9.2	-	-	-
RETAIL TRADE — SIC 52-59				
1977	45.7	-	-	-
1978	48.0	-	-	-
1979	48.9	-	-	-
1980	47.6	-	-	-
1981	47.3	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	10.1	-	-	-
1978	10.6	-	-	-
1979	10.9	-	-	-
1980	11.1	-	-	-
1981	11.3	-	-	-
STATEWIDE (Con.)				
SERVICES				
1977	46.6	-	-	-
1978	48.0	-	-	-
1979	48.5	-	-	-
1980	50.3	-	-	-
1981	51.5	-	-	-
HOTELS AND OTHER LODGING PLACES, PERSONAL, BUSINESS, AND REPAIR SERVICES, AND AMUSEMENTS — SIC 70,72,73,75, 76,78,79				
1977	11.6	-	-	-
1978	12.8	-	-	-
1979	12.9	-	-	-
1980	13.1	-	-	-
1981	13.2	-	-	-
HEALTH SERVICES — SIC 80				
1977	17.1	-	-	-
1978	18.0	-	-	-
1979	18.7	-	-	-
1980	19.8	-	-	-
1981	20.7	-	-	-
EDUCATIONAL SERVICES, SOCIAL SERVICES, AND MEMBERSHIP ORGANIZATIONS — SIC 82,83,86				
1977	15.5	-	-	-
1978	14.7	-	-	-
1979	14.1	-	-	-
1980	14.7	-	-	-
1981	14.8	-	-	-
GOVERNMENT				
1977	56.6	-	-	-
1978	58.1	-	-	-
1979	58.3	-	-	-
1980	58.6	-	-	-
1981	58.2	-	-	-
FEDERAL GOVERNMENT				
1977	11.0	-	-	-
1978	11.1	-	-	-
1979	10.9	-	-	-
1980	11.1	-	-	-
1981	10.6	-	-	-
STATE GOVERNMENT				
1977	14.6	-	-	-
1978	15.2	-	-	-
1979	15.7	-	-	-
1980	16.2	-	-	-
1981	16.1	-	-	-
STATE EDUCATION — SIC 82,941				
1977	5.9	-	-	-
1978	6.4	-	-	-
1979	7.3	-	-	-
1980	7.7	-	-	-
1981	7.6	-	-	-
LOCAL GOVERNMENT				
1977	31.0	-	-	-
1978	31.8	-	-	-
1979	31.7	-	-	-
1980	31.3	-	-	-
1981	31.5	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
LOCAL EDUCATION — SIC 82,941				
1977	18.0	–	–	–
1978	18.2	–	–	–
1979	18.1	–	–	–
1980	17.8	–	–	–
1981	17.9	–	–	–
RAPID CITY				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	30.3	–	–	–
1978	32.4	–	–	–
1979	33.0	–	–	–
1980	31.9	–	–	–
1981	31.3	–	–	–
CONSTRUCTION AND MINING				
1977	2.5	–	–	–
1978	3.0	–	–	–
1979	2.7	–	–	–
1980	2.1	–	–	–
1981	1.8	–	–	–
MANUFACTURING				
1977	2.9	168.49	40.6	4.15
1978	3.1	184.87	36.9	5.01
1979	3.3	190.05	35.0	5.43
1980	3.0	207.13	33.3	6.22
1981	2.8	–	–	–
DURABLE GOODS				
1977	1.6	–	–	–
1978	1.9	–	–	–
1979	2.3	–	–	–
1980	2.1	–	–	–
1981	1.9	–	–	–
NONDURABLE GOODS				
1977	1.0	–	–	–
1978	.8	–	–	–
1979	1.0	–	–	–
1980	.9	–	–	–
1981	.9	–	–	–
TRANSPORTATION AND PUBLIC UTILITIES				
1977	1.9	–	–	–
1978	2.0	–	–	–
1979	2.0	–	–	–
1980	1.9	–	–	–
1981	1.9	–	–	–
WHOLESALE AND RETAIL TRADE				
1977	8.6	–	–	–
1978	9.5	–	–	–
1979	9.8	–	–	–
1980	9.3	–	–	–
1981	8.9	–	–	–
WHOLESALE TRADE — SIC 50,51				
1977	1.4	–	–	–
1978	1.5	–	–	–
1979	1.7	–	–	–
1980	1.7	–	–	–
1981	1.6	–	–	–
RETAIL TRADE — SIC 52-59				
1977	6.4	–	–	–
1978	7.2	–	–	–
1979	8.1	–	–	–
1980	7.6	–	–	–
1981	7.3	–	–	–
FINANCE, INSURANCE, AND REAL ESTATE				
1977	1.4	–	–	–
1978	1.4	–	–	–
1979	1.5	–	–	–
1980	1.5	–	–	–
1981	1.5	–	–	–

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
RAPID CITY (Con.)				
SERVICES				
1977	6.1	–	–	–
1978	6.5	–	–	–
1979	6.7	–	–	–
1980	7.0	–	–	–
1981	7.2	–	–	–
GOVERNMENT				
1977	6.9	–	–	–
1978	6.9	–	–	–
1979	7.0	–	–	–
1980	7.1	–	–	–
1981	7.2	–	–	–
SIOUX FALLS				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	49.8	–	–	–
1978	53.4	–	–	–
1979	54.7	–	–	–
1980	54.3	–	–	–
1981	54.2	–	–	–
CONSTRUCTION AND MINING				
1977	3.0	–	–	–
1978	3.4	–	–	–
1979	3.1	–	–	–
1980	2.6	–	–	–
1981	2.4	–	–	–
MANUFACTURING				
1977	6.9	241.36	41.4	5.83
1978	7.4	276.35	44.5	6.21
1979	7.8	327.58	46.4	7.06
1980	7.7	374.18	45.3	8.26
1981	7.4	420.73	46.8	8.99
DURABLE GOODS				
1977	1.6	179.08	40.7	4.40
1978	2.0	199.33	41.7	4.78
1979	2.2	222.60	42.0	5.30
1980	2.3	255.03	41.2	6.19
1981	2.0	279.48	41.1	6.80
NONDURABLE GOODS				
1977	5.3	257.50	41.6	6.19
1978	5.4	297.62	45.3	6.57
1979	5.6	353.88	47.5	7.45
1980	5.4	401.48	46.2	8.69
1981	5.4	446.01	47.6	9.37
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	4.2	–	–	–
1978	4.2	–	–	–
1979	4.2	–	–	–
1980	4.1	–	–	–
1981	4.2	–	–	–
TRANSPORTATION AND PUBLIC UTILITIES				
1977	4.3	–	–	–
1978	4.8	–	–	–
1979	5.1	–	–	–
1980	4.8	–	–	–
1981	4.6	–	–	–
WHOLESALE AND RETAIL TRADE				
1977	15.6	–	–	–
1978	16.2	–	–	–
1979	16.5	–	–	–
1980	16.3	–	–	–
1981	15.8	–	–	–
WHOLESALE TRADE — SIC 50,51				
1977	4.8	–	–	–
1978	5.0	–	–	–
1979	5.1	–	–	–
1980	5.1	–	–	–
1981	4.9	–	–	–

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
SIOUX FALLS (Con.)				
RETAIL TRADE — SIC 52-59				
1977	10.8	–	–	–
1978	11.2	–	–	–
1979	11.4	–	–	–
1980	11.2	–	–	–
1981	10.9	–	–	–
FINANCE, INSURANCE, AND REAL ESTATE				
1977	3.0	–	–	–
1978	3.3	–	–	–
1979	3.3	–	–	–
1980	3.3	–	–	–
1981	3.4	–	–	–
SERVICES				
1977	10.7	–	–	–
1978	11.8	–	–	–
1979	12.2	–	–	–
1980	12.9	–	–	–
1981	13.8	–	–	–
GOVERNMENT				
1977	6.3	–	–	–
1978	6.6	–	–	–
1979	6.7	–	–	–
1980	6.7	–	–	–
1981	6.8	–	–	–

See footnotes at end of tables.

TENNESSEE

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	1,648.1	-	-	-
1978	1,737.0	-	-	-
1979	1,777.3	-	-	-
1980	1,747.2	-	-	-
1981	1,745.5	-	-	-
MINING				
1977	9.9	-	-	-
1978	10.8	-	-	-
1979	10.5	-	-	-
1980	10.1	-	-	-
1981	10.2	-	-	-
CONSTRUCTION				
1977	78.4	-	-	-
1978	87.3	-	-	-
1979	89.2	-	-	-
1980	81.2	-	-	-
1981	76.6	-	-	-
MANUFACTURING				
1977	507.5	188.14	40.2	4.68
1978	526.0	203.15	39.6	5.13
1979	524.7	220.73	39.7	5.56
1980	502.7	241.38	39.7	6.08
1981	506.7	268.13	39.9	6.72
DURABLE GOODS				
1977	223.0	197.96	40.9	4.84
1978	238.2	211.07	39.9	5.29
1979	240.8	229.94	40.2	5.72
1980	223.2	251.60	40.0	6.29
1981	224.2	280.78	40.4	6.95
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	19.2	134.11	39.1	3.43
1978	20.0	147.07	38.3	3.84
1979	21.4	161.20	38.2	4.22
1980	18.7	175.56	38.0	4.62
1981	17.3	191.10	39.0	4.90
FURNITURE AND FIXTURES — SIC 25				
1977	24.7	143.95	38.8	3.71
1978	26.1	152.74	37.9	4.03
1979	24.2	170.37	38.2	4.46
1980	21.5	190.08	38.4	4.95
1981	22.7	214.58	39.3	5.46
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	17.0	261.27	43.4	6.02
1978	17.5	284.48	43.3	6.57
1979	16.8	297.25	41.4	7.18
1980	14.7	328.68	41.5	7.92
1981	13.9	357.39	41.8	8.55
PRIMARY METAL INDUSTRIES — SIC 33				
1977	19.2	281.87	43.1	6.54
1978	19.7	301.27	43.1	6.99
1979	20.9	326.40	41.9	7.79
1980	19.0	347.49	40.5	8.58
1981	19.1	379.76	40.4	9.40
FABRICATED METAL PRODUCTS — SIC 34				
1977	32.3	217.46	41.9	5.19
1978	34.3	223.08	39.0	5.72
1979	35.1	240.94	40.7	5.92
1980	32.8	264.38	40.8	6.48
1981	30.5	293.76	40.8	7.20

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	34.1	-	-	-
1978	36.5	-	-	-
1979	36.5	-	-	-
1980	35.0	-	-	-
1981	36.2	-	-	-
MACHINERY — SIC 35,36				
1977	-	193.64	41.2	4.70
1978	-	203.09	39.9	5.09
1979	-	224.22	40.4	5.55
1980	-	242.81	40.2	6.04
1981	-	273.78	40.5	6.76
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	38.0	-	-	-
1978	41.2	-	-	-
1979	41.1	-	-	-
1980	40.2	-	-	-
1981	42.1	-	-	-
TRANSPORTATION EQUIPMENT — SIC 37				
1977	21.5	-	-	-
1978	25.0	-	-	-
1979	26.0	-	-	-
1980	23.2	-	-	-
1981	23.8	-	-	-
INSTRUMENTS AND RELATED PRODUCTS — SIC 38				
1977	6.1	172.04	39.1	4.40
1978	6.6	183.28	39.5	4.64
1979	7.3	189.29	39.6	4.78
1980	7.4	213.55	39.4	5.42
1981	7.9	229.51	38.9	5.90
MISC. MANUFACTURING INDUSTRIES — SIC 39				
1977	10.9	-	-	-
1978	11.3	-	-	-
1979	11.5	-	-	-
1980	10.7	-	-	-
1981	10.7	-	-	-
NONDURABLE GOODS				
1977	284.5	180.18	39.6	4.55
1978	287.8	196.11	39.3	4.99
1979	283.9	212.61	39.3	5.41
1980	279.5	233.44	39.5	5.91
1981	282.5	258.19	39.6	6.52
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	40.6	200.74	40.8	4.92
1978	40.1	213.03	40.5	5.26
1979	39.5	231.58	40.7	5.69
1980	39.0	251.69	40.4	6.23
1981	38.2	275.65	40.3	6.84
MEAT PRODUCTS — SIC 201				
1977	8.9	-	-	-
1978	8.0	-	-	-
1979	7.8	-	-	-
1980	7.7	-	-	-
1981	7.4	-	-	-
DAIRY PRODUCTS — SIC 202				
1977	4.1	-	-	-
1978	3.8	-	-	-
1979	4.2	-	-	-
1980	4.1	-	-	-
1981	4.0	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
TOBACCO MANUFACTURES — SIC 21				
1977	1.5	-	-	-
1978	1.5	-	-	-
1979	1.5	-	-	-
1980	1.5	-	-	-
1981	1.6	-	-	-
TEXTILE MILL PRODUCTS — SIC 22				
1977	28.5	150.32	40.3	3.73
1978	29.0	166.46	40.6	4.10
1979	27.2	174.59	39.5	4.42
1980	26.3	196.75	40.4	4.87
1981	26.9	211.20	40.0	5.28
KNITTING MILLS — SIC 225				
1977	13.1	-	-	-
1978	13.6	-	-	-
1979	12.4	-	-	-
1980	12.0	-	-	-
1981	12.3	-	-	-
YARN AND THREAD MILLS — SIC 228				
1977	2.7	-	-	-
1978	2.6	-	-	-
1979	2.6	-	-	-
1980	2.5	-	-	-
1981	2.4	-	-	-
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	72.3	-	-	-
1978	71.2	135.03	36.2	3.73
1979	68.3	147.13	36.6	4.02
1980	69.4	160.27	37.1	4.32
1981	69.5	170.29	36.7	4.64
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	16.6	246.81	42.7	5.78
1978	17.4	267.95	42.6	6.29
1979	18.2	276.64	41.6	6.65
1980	17.7	310.48	41.9	7.41
1981	17.8	357.40	42.7	8.37
PRINTING AND PUBLISHING — SIC 27				
1977	25.3	-	-	-
1978	26.1	-	-	-
1979	26.6	-	-	-
1980	26.9	-	-	-
1981	27.2	-	-	-
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	57.3	255.64	41.1	6.22
1978	57.7	278.36	41.3	6.74
1979	58.5	301.26	41.1	7.33
1980	58.2	329.65	40.9	8.06
1981	58.7	361.05	41.5	8.70
INDUSTRIAL INORGANIC CHEMICALS — SIC 281				
1977	21.5	-	-	-
1978	22.4	-	-	-
1979	22.9	-	-	-
1980	24.0	-	-	-
1981	23.6	-	-	-
PETROLEUM AND COAL PRODUCTS — SIC 29				
1977	.9	-	-	-
1978	.8	-	-	-
1979	.7	-	-	-
1980	.6	-	-	-
1981	.7	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS — SIC 30				
1977	20.6	213.83	41.2	5.19
1978	22.8	228.25	41.5	5.50
1979	23.4	248.05	41.0	6.05
1980	20.4	269.28	40.8	6.60
1981	21.0	293.66	40.9	7.18
LEATHER AND LEATHER PRODUCTS — SIC 31				
1977	21.0	134.25	38.8	3.46
1978	21.2	148.55	37.8	3.93
1979	20.0	170.43	39.0	4.37
1980	19.5	185.50	39.3	4.72
1981	20.9	200.97	39.1	5.14
TRANSPORTATION AND PUBLIC UTILITIES				
1977	78.3	-	-	-
1978	83.2	-	-	-
1979	87.3	-	-	-
1980	86.6	-	-	-
1981	85.6	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	357.2	-	-	-
1978	379.1	-	-	-
1979	388.7	-	-	-
1980	379.7	-	-	-
1981	372.8	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	103.0	-	-	-
1978	106.9	-	-	-
1979	111.2	-	-	-
1980	109.5	-	-	-
1981	107.2	-	-	-
WHOLESALE TRADE - DURABLE GOODS — SIC 50				
1977	60.4	-	-	-
1978	63.1	-	-	-
1979	66.6	-	-	-
1980	64.1	-	-	-
1981	62.1	-	-	-
WHOLESALE TRADE - NONDURABLE GOODS — SIC 51				
1977	42.6	-	-	-
1978	43.8	-	-	-
1979	44.6	-	-	-
1980	45.4	-	-	-
1981	45.1	-	-	-
RETAIL TRADE — SIC 52-59				
1977	254.2	-	-	-
1978	272.2	-	-	-
1979	277.5	-	-	-
1980	270.2	-	-	-
1981	265.6	-	-	-
GENERAL MERCHANDISE STORES — SIC 53				
1977	39.1	-	-	-
1978	40.6	-	-	-
1979	40.1	-	-	-
1980	38.4	-	-	-
1981	39.5	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	71.1	-	-	-
1978	74.3	-	-	-
1979	77.6	-	-	-
1980	78.7	-	-	-
1981	78.1	-	-	-
BANKING — SIC 60				
1977	23.4	-	-	-
1978	24.4	-	-	-
1979	25.5	-	-	-
1980	26.2	-	-	-
1981	26.6	-	-	-
INSURANCE CARRIERS — SIC 63				
1977	18.3	-	-	-
1978	18.8	-	-	-
1979	19.6	-	-	-
1980	19.8	-	-	-
1981	19.4	-	-	-
SERVICES				
1977	254.5	-	-	-
1978	270.7	-	-	-
1979	285.4	-	-	-
1980	291.0	-	-	-
1981	306.8	-	-	-
GOVERNMENT				
1977	291.2	-	-	-
1978	305.6	-	-	-
1979	313.9	-	-	-
1980	317.2	-	-	-
1981	308.7	-	-	-
FEDERAL GOVERNMENT				
1977	64.5	-	-	-
1978	70.4	-	-	-
1979	73.9	-	-	-
1980	76.7	-	-	-
1981	75.0	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	226.7	-	-	-
1978	235.2	-	-	-
1979	240.0	-	-	-
1980	240.5	-	-	-
1981	233.7	-	-	-
CHATTANOOGA				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	164.5	-	-	-
1978	172.8	-	-	-
1979	174.6	-	-	-
1980	168.7	-	-	-
1981	169.1	-	-	-
MINING				
1977	1.3	-	-	-
1978	1.4	-	-	-
1979	1.3	-	-	-
1980	1.2	-	-	-
1981	1.1	-	-	-
CONSTRUCTION				
1977	6.1	-	-	-
1978	7.3	-	-	-
1979	6.7	-	-	-
1980	6.5	-	-	-
1981	5.9	-	-	-
MANUFACTURING				
1977	56.1	198.36	40.9	4.85
1978	56.6	209.44	40.2	5.21
1979	54.8	224.62	40.4	5.56
1980	50.2	247.25	40.6	6.09
1981	49.0	265.36	40.7	6.52
DURABLE GOODS				
1977	25.1	221.66	41.2	5.38
1978	25.7	230.58	40.1	5.75
1979	24.5	247.25	40.4	6.12
1980	22.2	269.74	40.2	6.71
1981	21.3	287.75	39.8	7.23
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	.9	-	-	-
1978	.8	-	-	-
1979	.8	-	-	-
1980	.7	-	-	-
1981	.7	-	-	-
CHATTANOOGA (Con.)				
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	2.6	236.55	41.5	5.70
1978	2.4	232.32	38.4	6.05
1979	2.3	255.92	38.6	6.63
1980	2.0	276.00	37.5	7.36
1981	1.8	325.08	39.5	8.23
PRIMARY METAL INDUSTRIES — SIC 33				
1977	4.9	-	-	-
1978	5.0	-	-	-
1979	4.9	-	-	-
1980	4.6	-	-	-
1981	4.3	-	-	-
IRON AND STEEL FOUNDRIES — SIC 332				
1977	-	234.54	42.8	5.48
1978	-	260.02	43.7	5.95
1979	-	259.94	41.0	6.34
1980	-	248.68	38.2	6.51
1981	-	263.90	37.7	7.00
FABRICATED METAL PRODUCTS — SIC 34				
1977	8.8	246.84	40.8	6.05
1978	9.0	254.53	38.8	6.56
1979	8.1	285.48	40.9	6.98
1980	7.7	322.91	42.1	7.67
1981	7.2	360.76	41.9	8.61
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	3.0	230.15	43.1	5.34
1978	3.4	231.38	42.3	5.47
1979	3.7	259.97	42.9	6.06
1980	3.1	291.79	43.1	6.77
1981	2.9	284.01	40.4	7.03
NONDURABLE GOODS				
1977	31.0	177.83	40.6	4.38
1978	30.9	189.74	40.2	4.72
1979	30.3	205.64	40.4	5.09
1980	28.0	229.86	40.9	5.62
1981	27.7	249.23	41.4	6.02
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	4.7	-	-	-
1978	4.7	-	-	-
1979	5.0	-	-	-
1980	5.1	-	-	-
1981	5.3	-	-	-
TEXTILE MILL PRODUCTS — SIC 22				
1977	14.0	153.59	41.4	3.71
1978	14.1	163.60	40.9	4.00
1979	13.4	179.71	41.6	4.32
1980	11.7	205.11	43.0	4.77
1981	11.5	219.60	43.4	5.06
KNITTING MILLS — SIC 225				
1977	2.9	118.76	37.7	3.15
1978	3.1	128.71	37.2	3.46
1979	2.9	145.16	37.9	3.83
1980	2.8	161.24	38.3	4.21
1981	3.0	179.66	39.4	4.56
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	1.6	-	-	-
1978	1.4	-	-	-
1979	1.3	-	-	-
1980	1.2	-	-	-
1981	1.1	-	-	-
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	1.1	227.63	45.8	4.97
1978	1.2	269.58	46.4	5.81
1979	1.3	291.72	46.6	6.26
1980	1.2	300.03	43.8	6.85
1981	1.2	324.12	43.8	7.40

See footnotes at end of tables.

TENNESSEE

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
CHATTANOOGA (Con.)				
PRINTING AND PUBLISHING — SIC 27				
1977	1.6	-	-	-
1978	1.7	-	-	-
1979	1.7	-	-	-
1980	1.6	-	-	-
1981	1.6	-	-	-
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	6.2	246.84	40.8	6.05
1978	6.1	275.46	41.8	6.59
1979	6.1	296.53	41.3	7.18
1980	5.7	331.61	41.4	8.01
1981	5.4	362.04	42.0	9.62
TRANSPORTATION AND PUBLIC UTILITIES				
1977	6.6	-	-	-
1978	6.7	-	-	-
1979	7.1	-	-	-
1980	7.3	-	-	-
1981	7.7	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	30.6	-	-	-
1978	32.4	-	-	-
1979	34.1	-	-	-
1980	33.0	-	-	-
1981	34.1	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	8.2	-	-	-
1978	8.4	-	-	-
1979	8.9	-	-	-
1980	8.4	-	-	-
1981	8.4	-	-	-
WHOLESALE TRADE - DURABLE GOODS — SIC 50				
1977	5.0	-	-	-
1978	5.2	-	-	-
1979	5.5	-	-	-
1980	5.2	-	-	-
1981	5.3	-	-	-
WHOLESALE TRADE - NONDURABLE GOODS — SIC 51				
1977	3.2	-	-	-
1978	3.2	-	-	-
1979	3.4	-	-	-
1980	3.2	-	-	-
1981	3.1	-	-	-
RETAIL TRADE — SIC 52-59				
1977	22.4	-	-	-
1978	24.0	-	-	-
1979	25.2	-	-	-
1980	24.6	-	-	-
1981	25.7	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	8.7	-	-	-
1978	9.5	-	-	-
1979	9.9	-	-	-
1980	9.6	-	-	-
1981	9.8	-	-	-
SERVICES				
1977	25.3	-	-	-
1978	27.0	-	-	-
1979	27.9	-	-	-
1980	28.2	-	-	-
1981	29.2	-	-	-
GOVERNMENT				
1977	29.8	-	-	-
1978	31.9	-	-	-
1979	32.8	-	-	-
1980	32.7	-	-	-
1981	32.3	-	-	-
CHATTANOOGA (Con.)				
FEDERAL GOVERNMENT				
1977	8.9	-	-	-
1978	9.8	-	-	-
1979	9.6	-	-	-
1980	9.6	-	-	-
1981	9.0	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	20.9	-	-	-
1978	22.1	-	-	-
1979	23.2	-	-	-
1980	23.1	-	-	-
1981	23.3	-	-	-
KNOXVILLE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	185.0	-	-	-
1978	194.3	-	-	-
1979	197.9	-	-	-
1980	195.3	-	-	-
1981	202.2	-	-	-
MINING				
1977	1.6	-	-	-
1978	1.6	-	-	-
1979	1.5	-	-	-
1980	1.6	-	-	-
1981	1.6	-	-	-
CONSTRUCTION				
1977	11.1	-	-	-
1978	12.2	-	-	-
1979	11.8	-	-	-
1980	9.5	-	-	-
1981	9.9	-	-	-
MANUFACTURING				
1977	51.7	223.58	40.8	5.48
1978	53.2	238.58	40.3	5.92
1979	54.0	260.98	40.4	6.46
1980	52.4	274.51	39.9	6.88
1981	51.2	296.56	39.7	7.47
DURABLE GOODS				
1977	14.5	247.87	41.8	5.93
1978	15.1	261.21	41.2	6.34
1979	16.0	294.98	41.9	7.04
1980	15.2	311.48	40.4	7.71
1981	14.7	338.44	40.1	8.44
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	1.3	-	-	-
1978	1.6	-	-	-
1979	1.6	-	-	-
1980	1.3	-	-	-
1981	1.2	-	-	-
FURNITURE AND FIXTURES — SIC 25				
1977	.5	-	-	-
1978	.7	-	-	-
1979	.8	-	-	-
1980	.7	-	-	-
1981	.7	-	-	-
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	1.1	200.98	41.1	4.89
1978	1.1	228.98	40.6	5.64
1979	1.1	280.56	42.0	6.68
1980	1.1	316.72	42.8	7.40
1981	1.0	377.40	40.8	9.25
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	2.3	199.26	40.5	4.92
1978	2.4	224.95	41.2	5.46
1979	2.6	244.28	41.9	5.83
1980	2.2	249.08	39.6	6.29
1981	1.9	285.07	40.9	6.97
KNOXVILLE (Con.)				
NONDURABLE GOODS				
1977	37.2	210.65	40.2	5.24
1978	38.1	227.43	39.9	5.70
1979	38.0	241.74	39.5	6.12
1980	37.2	254.23	39.6	6.42
1981	36.5	273.34	39.5	6.92
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	4.3	186.01	44.5	4.18
1978	4.5	204.75	45.4	4.51
1979	4.5	218.77	45.2	4.84
1980	4.5	235.40	44.5	5.29
1981	4.2	256.38	43.9	5.84
TEXTILE MILL PRODUCTS — SIC 22				
1977	2.9	133.13	38.7	3.44
1978	2.8	156.87	41.5	3.78
1979	2.7	161.16	39.5	4.08
1980	2.4	186.30	41.4	4.50
1981	2.5	184.42	38.5	4.79
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	8.9	157.85	38.5	4.10
1978	9.2	165.43	36.6	4.52
1979	8.7	171.95	36.9	4.66
1980	7.9	185.50	37.4	4.96
1981	7.6	195.41	36.8	5.31
PRINTING AND PUBLISHING — SIC 27				
1977	1.7	-	-	-
1978	1.8	-	-	-
1979	1.8	-	-	-
1980	1.9	-	-	-
1981	2.0	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	7.3	-	-	-
1978	7.6	-	-	-
1979	8.0	-	-	-
1980	8.2	-	-	-
1981	8.3	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	38.7	-	-	-
1978	40.9	-	-	-
1979	41.9	-	-	-
1980	41.5	-	-	-
1981	43.3	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	10.2	-	-	-
1978	10.6	-	-	-
1979	11.0	-	-	-
1980	11.2	-	-	-
1981	11.7	-	-	-
WHOLESALE TRADE - DURABLE GOODS — SIC 50				
1977	6.1	-	-	-
1978	6.5	-	-	-
1979	6.7	-	-	-
1980	7.1	-	-	-
1981	7.7	-	-	-
WHOLESALE TRADE - NONDURABLE GOODS — SIC 51				
1977	4.1	-	-	-
1978	4.1	-	-	-
1979	4.3	-	-	-
1980	4.1	-	-	-
1981	4.0	-	-	-
RETAIL TRADE — SIC 52-59				
1977	28.5	-	-	-
1978	30.3	-	-	-
1979	30.9	-	-	-
1980	30.3	-	-	-
1981	31.6	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
KNOXVILLE (Con.)				
FINANCE, INSURANCE, AND REAL ESTATE				
1977	7.1	-	-	-
1978	7.7	-	-	-
1979	8.0	-	-	-
1980	8.2	-	-	-
1981	8.6	-	-	-
SERVICES				
1977	27.5	-	-	-
1978	29.3	-	-	-
1979	30.8	-	-	-
1980	32.4	-	-	-
1981	33.4	-	-	-
GOVERNMENT				
1977	40.0	-	-	-
1978	41.8	-	-	-
1979	41.9	-	-	-
1980	41.5	-	-	-
1981	45.9	-	-	-
FEDERAL GOVERNMENT				
1977	8.5	-	-	-
1978	9.0	-	-	-
1979	9.1	-	-	-
1980	9.8	-	-	-
1981	10.4	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	31.5	-	-	-
1978	32.8	-	-	-
1979	32.8	-	-	-
1980	31.7	-	-	-
1981	35.5	-	-	-
MEMPHIS				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	339.5	-	-	-
1978	354.4	-	-	-
1979	362.5	-	-	-
1980	359.4	-	-	-
1981	357.8	-	-	-
MINING				
1977	.1	-	-	-
1978	.1	-	-	-
1979	.1	-	-	-
1980	.2	-	-	-
1981	.2	-	-	-
CONSTRUCTION				
1977	14.4	-	-	-
1978	15.6	-	-	-
1979	16.6	-	-	-
1980	15.9	-	-	-
1981	14.1	-	-	-
MANUFACTURING				
1977	60.6	218.83	40.6	5.39
1978	63.5	237.55	40.4	5.88
1979	63.0	250.22	40.1	6.24
1980	59.6	275.77	40.2	6.86
1981	59.3	302.25	40.3	7.50
DURABLE GOODS				
1977	26.1	199.17	40.4	4.93
1978	27.9	216.11	39.8	5.43
1979	27.9	230.17	40.1	5.74
1980	26.4	248.98	39.9	6.24
1981	26.1	270.58	39.5	6.85
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	3.0	123.16	39.1	3.15
1978	3.2	164.36	39.7	4.14
1979	3.2	167.96	38.0	4.42
1980	2.9	183.40	37.2	4.93
1981	2.7	194.14	36.7	5.29
MEMPHIS (Con.)				
SAWMILLS AND PLANING MILLS — SIC 242				
1977	1.3	-	-	-
1978	1.4	-	-	-
1979	1.4	-	-	-
1980	1.5	-	-	-
1981	1.2	-	-	-
FURNITURE AND FIXTURES — SIC 25				
1977	3.6	138.04	40.6	3.40
1978	3.9	145.80	39.3	3.71
1979	3.6	157.56	39.0	4.04
1980	2.8	171.20	38.3	4.47
1981	2.8	196.28	39.1	5.02
FABRICATED METAL PRODUCTS — SIC 34				
1977	5.0	-	-	-
1978	5.2	-	-	-
1979	5.4	-	-	-
1980	5.5	-	-	-
1981	5.6	-	-	-
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	5.6	-	-	-
1975	6.3	-	-	-
1979	5.9	-	-	-
1980	5.2	-	-	-
1981	5.0	-	-	-
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	2.2	-	-	-
1978	2.3	-	-	-
1979	2.6	-	-	-
1980	3.4	-	-	-
1981	3.7	-	-	-
NONDURABLE GOODS				
1977	34.5	236.06	40.7	5.80
1978	35.6	258.30	41.0	6.30
1979	35.1	268.80	40.0	6.72
1980	33.2	300.98	40.4	7.45
1981	33.2	330.88	40.9	8.09
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	11.3	236.74	41.1	5.76
1978	11.1	243.61	40.2	6.06
1979	9.9	267.00	40.0	6.55
1980	9.3	294.44	40.5	7.27
1981	9.0	309.82	41.2	7.52
BAKERY PRODUCTS — SIC 205				
1977	1.7	-	-	-
1978	1.7	-	-	-
1979	1.5	-	-	-
1980	1.4	-	-	-
1981	1.4	-	-	-
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	2.1	-	-	-
1978	2.1	-	-	-
1979	2.0	-	-	-
1980	1.9	-	-	-
1981	2.1	-	-	-
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	5.9	242.78	43.2	5.62
1978	6.2	267.89	43.0	6.23
1979	6.4	272.08	41.1	6.62
1980	6.1	307.23	41.8	7.35
1981	6.0	350.49	42.9	8.17
PRINTING AND PUBLISHING — SIC 27				
1977	3.6	-	-	-
1978	3.8	-	-	-
1979	4.0	-	-	-
1980	4.1	-	-	-
1981	4.2	-	-	-
MEMPHIS (Con.)				
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	6.0	269.66	42.4	6.36
1978	6.4	298.76	44.0	6.79
1979	6.6	300.44	41.1	7.31
1980	6.7	352.24	42.8	8.23
1981	7.0	400.04	44.4	9.01
TRANSPORTATION AND PUBLIC UTILITIES				
1977	23.8	-	-	-
1978	25.7	-	-	-
1979	27.5	-	-	-
1980	27.5	-	-	-
1981	27.4	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	90.8	-	-	-
1978	95.0	-	-	-
1979	97.9	-	-	-
1980	97.1	-	-	-
1981	97.3	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	30.8	-	-	-
1978	31.5	-	-	-
1979	32.8	-	-	-
1980	33.3	-	-	-
1981	32.8	-	-	-
WHOLESALE TRADE - DURABLE GOODS — SIC 50				
1977	18.6	-	-	-
1978	19.4	-	-	-
1979	20.2	-	-	-
1980	19.7	-	-	-
1981	19.3	-	-	-
WHOLESALE TRADE - NONDURABLE GOODS — SIC 51				
1977	12.2	-	-	-
1978	12.1	-	-	-
1979	12.6	-	-	-
1980	13.6	-	-	-
1981	13.5	-	-	-
RETAIL TRADE — SIC 52-59				
1977	60.0	-	-	-
1978	63.5	-	-	-
1979	65.1	-	-	-
1980	63.8	-	-	-
1981	64.5	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	18.7	-	-	-
1978	19.1	-	-	-
1979	19.4	-	-	-
1980	19.8	-	-	-
1981	20.1	-	-	-
SERVICES				
1977	65.9	-	-	-
1978	68.7	-	-	-
1979	71.9	-	-	-
1980	73.6	-	-	-
1981	75.0	-	-	-
GOVERNMENT				
1977	65.2	-	-	-
1978	66.7	-	-	-
1979	66.1	-	-	-
1980	65.7	-	-	-
1981	64.4	-	-	-
FEDERAL GOVERNMENT				
1977	17.5	-	-	-
1978	17.4	-	-	-
1979	16.2	-	-	-
1980	16.7	-	-	-
1981	16.4	-	-	-

See footnotes at end of tables.

TENNESSEE

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
MEMPHIS (Con.)				
STATE AND LOCAL GOVERNMENT				
1977	47.7	–	–	–
1978	49.3	–	–	–
1979	49.9	–	–	–
1980	49.0	–	–	–
1981	48.0	–	–	–
NASHVILLE-DAVIDSON				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	332.9	–	–	–
1978	351.3	–	–	–
1979	364.1	–	–	–
1980	360.2	–	–	–
1981	362.0	–	–	–
CONSTRUCTION				
1977	18.1	–	–	–
1978	20.2	–	–	–
1979	20.7	–	–	–
1980	18.7	–	–	–
1981	16.7	–	–	–
MANUFACTURING				
1977	81.0	203.71	40.1	5.08
1978	82.5	220.70	40.2	5.49
1979	83.9	237.21	39.8	5.96
1980	80.8	256.89	39.4	6.52
1981	82.5	298.00	40.6	7.34
DURABLE GOODS				
1977	39.8	212.53	39.8	5.34
1978	41.5	232.53	40.3	5.77
1979	42.8	248.80	40.0	6.22
1980	40.1	266.74	39.4	6.77
1981	42.5	310.27	40.4	7.68
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	1.4	–	–	–
1978	1.5	–	–	–
1979	1.7	–	–	–
1980	1.5	–	–	–
1981	1.6	–	–	–
FURNITURE AND FIXTURES — SIC 25				
1977	3.5	–	–	–
1978	3.9	–	–	–
1979	3.7	–	–	–
1980	3.6	–	–	–
1981	4.0	–	–	–
FABRICATED METAL PRODUCTS — SIC 34				
1977	6.8	–	–	–
1978	6.9	–	–	–
1979	7.1	–	–	–
1980	6.8	–	–	–
1981	6.8	–	–	–
MACHINERY — SIC 35,36				
1977	10.8	–	–	–
1978	11.1	–	–	–
1979	12.2	–	–	–
1980	12.1	–	–	–
1981	12.7	–	–	–
TRANSPORTATION EQUIPMENT — SIC 37				
1977	8.4	–	–	–
1978	9.2	–	–	–
1979	9.4	–	–	–
1980	8.6	–	–	–
1981	9.6	–	–	–
NONDURABLE GOODS				
1977	41.2	192.71	40.4	4.77
1978	41.0	206.80	40.0	5.17
1979	41.1	222.78	39.5	5.64
1980	40.7	245.86	39.4	6.24
1981	40.0	282.34	40.8	6.92
NASHVILLE-DAVIDSON (Con.)				
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	6.3	217.59	40.9	5.32
1978	6.5	229.86	39.7	5.79
1979	6.8	254.28	39.0	6.52
1980	7.1	262.67	35.4	7.42
1981	7.0	325.20	40.0	8.13
TEXTILE MILL PRODUCTS — SIC 22				
1977	1.6	–	–	–
1978	1.4	–	–	–
1979	1.5	–	–	–
1980	1.6	–	–	–
1981	1.7	–	–	–
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	5.6	–	–	–
1978	5.3	–	–	–
1979	5.5	–	–	–
1980	5.5	–	–	–
1981	5.0	–	–	–
PRINTING AND PUBLISHING — SIC 27				
1977	10.3	218.28	39.4	5.54
1978	10.5	243.85	41.4	5.89
1979	10.9	247.81	38.6	6.42
1980	11.0	267.84	39.1	6.85
1981	11.1	295.93	39.3	7.53
PETROLEUM, AND RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS — SIC 29,30				
1977	4.2	–	–	–
1978	4.6	–	–	–
1979	4.5	–	–	–
1980	4.4	–	–	–
1981	3.8	–	–	–
LEATHER AND LEATHER PRODUCTS — SIC 31				
1977	5.0	–	–	–
1978	5.2	–	–	–
1979	4.8	–	–	–
1980	4.3	–	–	–
1981	4.6	–	–	–
TRANSPORTATION AND PUBLIC UTILITIES				
1977	17.5	–	–	–
1978	19.1	–	–	–
1979	19.8	–	–	–
1980	19.5	–	–	–
1981	20.1	–	–	–
WHOLESALE AND RETAIL TRADE				
1977	74.3	–	–	–
1978	80.6	–	–	–
1979	83.9	–	–	–
1980	82.0	–	–	–
1981	80.9	–	–	–
WHOLESALE TRADE — SIC 50,51				
1977	22.3	–	–	–
1978	22.8	–	–	–
1979	24.8	–	–	–
1980	24.5	–	–	–
1981	23.5	–	–	–
WHOLESALE TRADE - DURABLE GOODS — SIC 50				
1977	14.1	–	–	–
1978	14.6	–	–	–
1979	16.4	–	–	–
1980	16.0	–	–	–
1981	15.2	–	–	–
WHOLESALE TRADE - NONDURABLE GOODS — SIC 51				
1977	8.2	–	–	–
1978	8.2	–	–	–
1979	8.4	–	–	–
1980	8.5	–	–	–
1981	8.3	–	–	–
NASHVILLE-DAVIDSON (Con.)				
RETAIL TRADE — SIC 52-59				
1977	52.0	–	–	–
1978	57.8	–	–	–
1979	58.1	–	–	–
1980	57.5	–	–	–
1981	57.4	–	–	–
FINANCE, INSURANCE, AND REAL ESTATE				
1977	20.3	–	–	–
1978	22.3	–	–	–
1979	24.0	–	–	–
1980	24.5	–	–	–
1981	24.7	–	–	–
SERVICES AND MINING				
1977	62.3	–	–	–
1978	66.8	–	–	–
1979	69.5	–	–	–
1980	71.9	–	–	–
1981	76.0	–	–	–
GOVERNMENT				
1977	58.4	–	–	–
1978	59.8	–	–	–
1979	62.3	–	–	–
1980	62.8	–	–	–
1981	61.1	–	–	–
FEDERAL GOVERNMENT				
1977	7.8	–	–	–
1978	8.4	–	–	–
1979	8.4	–	–	–
1980	9.2	–	–	–
1981	9.4	–	–	–
STATE AND LOCAL GOVERNMENT				
1977	51.6	–	–	–
1978	51.4	–	–	–
1979	53.9	–	–	–
1980	53.6	–	–	–
1981	51.7	–	–	–

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	4,906.8	-	-	-
1978	5,271.6	-	-	-
1979	5,601.8	-	-	-
1980	5,851.2	-	-	-
1981	6,144.1	-	-	-
MINING				
1977	159.3	281.24	44.5	6.32
1978	182.7	308.49	45.5	6.78
1979	203.3	333.89	44.4	7.52
1980	241.7	392.25	45.0	8.73
1981	288.8	410.66	44.3	9.27
OIL AND GAS EXTRACTION — SIC 13				
1977	152.0	283.96	44.3	6.41
1978	174.3	311.44	45.4	6.86
1979	194.1	335.35	44.3	7.57
1980	231.8	395.12	44.9	8.80
1981	278.3	412.88	44.3	9.32
CONSTRUCTION				
1977	345.8	-	-	-
1978	381.8	-	-	-
1979	416.2	-	-	-
1980	423.0	-	-	-
1981	431.1	-	-	-
MANUFACTURING				
1977	893.5	222.76	41.1	5.42
1978	962.8	242.84	41.3	5.88
1979	1,021.9	265.51	41.1	6.46
1980	1,056.9	294.58	41.2	7.15
1981	1,107.4	328.34	41.3	7.95
DURABLE GOODS				
1977	493.7	224.10	41.5	5.40
1978	550.8	240.86	41.6	5.79
1979	602.7	266.66	41.6	6.41
1980	631.8	297.86	41.6	7.16
1981	668.4	332.00	41.5	8.00
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	34.3	170.16	41.2	4.13
1978	37.0	182.20	40.4	4.51
1979	36.9	202.10	40.5	4.99
1980	36.3	220.49	39.8	5.54
1981	36.4	225.76	39.4	5.73
LOGGING CAMPS, SAWMILLS AND PLANING MILLS — SIC 241,2				
1977	8.6	-	-	-
1978	8.4	-	-	-
1979	8.9	-	-	-
1980	8.7	-	-	-
1981	8.2	-	-	-
FURNITURE AND FIXTURES — SIC 25				
1977	17.6	150.08	39.6	3.79
1978	18.8	161.05	39.1	4.12
1979	18.7	179.42	40.5	4.43
1980	16.7	185.85	38.8	4.79
1981	16.8	210.14	39.5	5.32
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	38.9	214.20	42.5	5.04
1978	42.6	234.78	43.0	5.46
1979	44.6	259.10	43.4	5.97
STATEWIDE (Con.)				
STONE, CLAY, AND GLASS PRODUCTS — SIC 32 (Con.)				
1980	44.1	285.48	42.8	6.67
1981	45.7	310.13	42.6	7.28
CONCRETE, GYPSUM, AND PLASTER PRODUCTS — SIC 327				
1977	16.0	-	-	-
1978	17.5	-	-	-
1979	18.5	-	-	-
1980	19.2	-	-	-
1981	19.8	-	-	-
PRIMARY METAL INDUSTRIES — SIC 33				
1977	40.6	275.25	40.3	6.83
1978	43.5	300.29	40.8	7.36
1979	46.6	340.23	41.9	8.12
1980	47.8	373.09	41.5	8.99
1981	51.3	418.74	41.5	10.09
FABRICATED METAL PRODUCTS — SIC 34				
1977	80.6	229.77	41.7	5.51
1978	88.1	246.96	42.0	5.88
1979	93.3	274.98	41.6	6.61
1980	97.3	306.85	42.5	7.22
1981	102.1	329.93	41.5	7.95
FABRICATED STRUCTURAL METAL PRODUCTS — SIC 344				
1977	41.6	-	-	-
1978	46.5	-	-	-
1979	49.2	-	-	-
1980	52.3	-	-	-
1981	55.1	-	-	-
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	117.8	240.83	42.7	5.64
1978	135.6	260.76	43.1	6.05
1979	150.6	279.12	42.1	6.63
1980	165.4	312.26	42.6	7.33
1981	192.6	362.82	43.4	8.36
OIL FIELD MACHINERY — SIC 3533				
1977	46.6	281.50	44.4	6.34
1978	53.9	311.85	45.0	6.93
1979	58.5	333.32	43.8	7.61
1980	64.7	384.30	45.0	8.54
1981	80.0	448.18	46.3	9.68
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	71.4	206.32	41.1	5.02
1978	86.3	211.56	41.0	5.16
1979	101.2	228.22	40.9	5.58
1980	106.9	266.24	40.4	6.59
1981	102.1	300.89	39.8	7.56
TRANSPORTATION EQUIPMENT — SIC 37				
1977	64.2	272.54	41.8	6.52
1978	70.2	280.14	40.6	6.90
1979	79.3	315.59	41.2	7.66
1980	81.5	356.38	41.2	8.65
1981	83.2	374.51	40.4	9.27
AIRCRAFT AND PARTS — SIC 372				
1977	36.3	307.73	42.8	7.19
1978	38.7	324.36	42.4	7.65
1979	45.6	352.70	42.7	8.26
1980	44.6	395.11	42.9	9.21
1981	39.9	432.23	42.5	10.17
STATEWIDE (Con.)				
INSTRUMENTS AND RELATED PRODUCTS — SIC 38				
1977	17.1	164.58	39.0	4.22
1978	16.9	182.60	39.1	4.67
1979	18.9	207.55	40.3	5.15
1980	22.0	225.27	39.8	5.66
1981	24.9	255.27	39.7	6.43
MISC. MANUFACTURING INDUSTRIES — SIC 39				
1977	11.2	164.64	39.2	4.20
1978	11.8	180.40	40.0	4.51
1979	12.6	184.24	39.2	4.70
1980	13.8	201.89	39.9	5.06
1981	13.3	232.85	39.6	5.88
NONDURABLE GOODS				
1977	399.8	221.27	40.6	5.45
1978	412.0	246.00	41.0	6.00
1979	419.2	264.47	40.5	6.53
1980	425.1	289.88	40.6	7.14
1981	439.0	321.88	40.9	7.87
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	94.7	205.16	42.3	4.85
1978	96.7	227.47	43.0	5.29
1979	96.8	240.09	41.9	5.73
1980	97.8	266.68	41.8	6.38
1981	97.9	280.80	41.6	6.75
MEAT PRODUCTS — SIC 201				
1977	24.9	212.82	43.7	4.87
1978	25.8	242.37	44.8	5.41
1979	25.5	237.31	41.2	5.76
1980	26.3	277.86	42.1	6.60
1981	26.6	286.03	42.5	6.73
DAIRY PRODUCTS — SIC 202				
1977	6.4	-	-	-
1978	5.3	-	-	-
1979	5.2	-	-	-
1980	4.9	-	-	-
1981	4.8	-	-	-
BAKERY PRODUCTS — SIC 205				
1977	10.6	-	-	-
1978	10.7	-	-	-
1979	10.8	-	-	-
1980	11.2	-	-	-
1981	11.0	-	-	-
MALT BEVERAGES — SIC 2082				
1977	3.5	421.16	44.9	9.38
1978	3.3	429.84	43.2	9.95
1979	3.4	478.74	44.7	10.71
1980	3.5	519.53	48.6	10.69
1981	3.3	565.57	45.5	12.43
TEXTILE MILL PRODUCTS — SIC 22				
1977	6.8	151.40	40.7	3.72
1978	6.4	167.69	40.9	4.10
1979	5.9	187.98	40.6	4.63
1980	5.8	214.38	42.2	5.08
1981	5.6	232.94	42.2	5.52
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	73.1	116.31	37.4	3.11
1978	74.0	127.78	36.3	3.52
1979	74.6	137.58	36.3	3.79
1980	74.8	150.55	36.9	4.08
1981	73.4	162.21	36.7	4.42

See footnotes at end of tables.

TEXAS

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	20.7	235.48	41.9	5.62
1978	21.3	263.95	42.3	6.24
1979	22.2	288.69	41.9	6.89
1980	22.4	321.72	43.3	7.43
1981	23.0	350.18	43.5	8.05
PRINTING AND PUBLISHING — SIC 27				
1977	51.6	207.19	38.8	5.34
1978	55.2	223.51	39.7	5.63
1979	59.1	229.90	38.9	5.91
1980	62.0	258.30	38.5	6.64
1981	64.9	289.98	39.4	7.36
NEWSPAPERS, PERIODICALS, BOOKS, AND MISCELLANEOUS PUBLISHING — SIC 271-4				
1977	27.3	–	–	–
1978	29.3	–	–	–
1979	30.9	–	–	–
1980	32.4	–	–	–
1981	33.4	–	–	–
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	75.8	332.84	42.4	7.85
1978	78.3	377.54	43.0	8.78
1979	79.5	415.16	42.8	9.70
1980	80.9	446.27	42.3	10.55
1981	83.3	503.41	43.1	11.68
PETROLEUM AND COAL PRODUCTS — SIC 29				
1977	43.3	345.69	41.7	8.29
1978	43.3	394.03	43.3	9.10
1979	42.4	420.39	43.7	9.62
1980	40.9	457.26	42.3	10.81
1981	46.2	520.80	43.4	12.00
PETROLEUM REFINING — SIC 291				
1977	40.2	355.63	41.4	8.59
1978	39.7	376.68	43.0	8.76
1979	38.7	437.47	43.4	10.08
1980	37.4	479.52	42.1	11.39
1981	43.0	541.20	43.4	12.47
LEATHER AND LEATHER PRODUCTS — SIC 31				
1977	7.9	112.79	36.5	3.09
1978	7.8	120.70	35.5	3.40
1979	7.7	141.75	37.4	3.79
1980	8.6	154.66	38.0	4.07
1981	10.3	175.63	38.6	4.55
TRANSPORTATION AND PUBLIC UTILITIES				
1977	308.8	–	–	–
1978	329.6	–	–	–
1979	352.4	–	–	–
1980	365.8	–	–	–
1981	383.8	–	–	–
RAILROAD TRANSPORTATION — SIC 40				
1977	28.9	–	–	–
1978	30.0	–	–	–
1979	31.6	–	–	–
1980	31.2	–	–	–
1981	30.0	–	–	–
TRANSPORTATION, EXCEPT RAILROADS — SIC 41,42,44-47				
1977	152.2	–	–	–
1978	164.1	–	–	–
1979	174.8	–	–	–
1980	180.8	–	–	–
1981	190.8	–	–	–
TRANSPORTATION BY AIR — SIC 45				
1977	27.5	–	–	–
1978	29.6	–	–	–
1979	34.5	–	–	–
1980	36.2	–	–	–
1981	37.8	–	–	–

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
COMMUNICATION AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	127.7	–	–	–
1978	135.5	–	–	–
1979	146.0	–	–	–
1980	153.8	–	–	–
1981	163.0	–	–	–
COMMUNICATION — SIC 48				
1977	70.4	–	–	–
1978	74.4	287.00	41.0	7.00
1979	80.4	304.22	41.0	7.42
1980	83.8	325.22	40.5	8.03
1981	89.1	367.20	40.8	9.00
ELECTRIC, GAS, AND SANITARY SERVICES — SIC 49				
1977	57.3	–	–	–
1978	61.1	276.30	41.3	6.69
1979	65.6	304.41	41.7	7.30
1980	70.0	335.30	41.6	8.06
1981	73.9	373.35	41.3	9.04
ELECTRIC SERVICES — SIC 491				
1977	29.9	–	–	–
1978	31.8	–	–	–
1979	34.8	–	–	–
1980	37.7	–	–	–
1981	40.1	–	–	–
GAS PRODUCTION AND DISTRIBUTION — SIC 492				
1977	24.0	–	–	–
1978	25.7	–	–	–
1979	26.5	–	–	–
1980	28.0	–	–	–
1981	29.6	–	–	–
WHOLESALE AND RETAIL TRADE				
1977	1,210.5	–	–	–
1978	1,297.6	169.69	35.5	4.78
1979	1,382.5	180.26	34.8	5.18
1980	1,435.3	195.56	35.3	5.54
1981	1,506.4	210.80	34.9	6.04
WHOLESALE TRADE — SIC 50,51				
1977	349.3	–	–	–
1978	375.4	240.40	40.0	6.01
1979	400.1	265.72	40.2	6.61
1980	419.0	286.40	40.0	7.16
1981	440.2	312.76	40.2	7.78
RETAIL TRADE — SIC 52-59				
1977	861.2	–	–	–
1978	922.2	140.78	33.6	4.19
1979	982.4	145.40	32.6	4.46
1980	1,016.3	157.98	33.4	4.73
1981	1,066.2	169.58	32.8	5.17
BUILDING MATERIALS AND GARDEN SUPPLIES — SIC 52				
1977	38.5	–	–	–
1978	42.0	–	–	–
1979	44.0	–	–	–
1980	43.5	–	–	–
1981	43.8	–	–	–
GENERAL MERCHANDISE STORES — SIC 53				
1977	130.1	–	–	–
1978	136.8	110.86	29.8	3.72
1979	145.5	116.62	28.1	4.15
1980	146.3	136.46	29.6	4.61
1981	149.1	149.20	29.9	4.99
FOOD STORES — SIC 54				
1977	139.6	–	–	–
1978	149.6	–	–	–
1979	162.3	–	–	–
1980	170.9	–	–	–
1981	186.3	–	–	–

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
AUTOMOTIVE DEALERS AND SERVICE STATIONS — SIC 55				
1977	119.4	–	–	–
1978	124.8	–	–	–
1979	126.3	–	–	–
1980	122.3	–	–	–
1981	125.6	–	–	–
APPAREL AND ACCESSORY STORES — SIC 56				
1977	63.3	–	–	–
1978	67.9	–	–	–
1979	74.1	–	–	–
1980	78.5	–	–	–
1981	83.0	–	–	–
FINANCE, INSURANCE, AND REAL ESTATE				
1977	276.5	–	–	–
1978	295.3	–	–	–
1979	314.9	–	–	–
1980	335.0	–	–	–
1981	346.7	–	–	–
BANKING — SIC 60				
1977	71.2	143.62	37.4	3.84
1978	76.1	156.04	37.6	4.15
1979	82.1	167.45	37.8	4.43
1980	87.1	182.74	37.6	4.86
1981	91.7	202.88	37.5	5.41
INSURANCE CARRIERS, AGENTS AND BROKERS — SIC 63,64				
1977	99.2	–	–	–
1978	104.5	–	–	–
1979	110.1	–	–	–
1980	114.8	–	–	–
1981	115.6	–	–	–
SERVICES				
1977	836.9	–	–	–
1978	898.1	–	–	–
1979	957.4	–	–	–
1980	1,015.4	–	–	–
1981	1,085.0	–	–	–
HOTELS AND OTHER LODGING PLACES — SIC 70				
1977	53.0	–	–	–
1978	55.9	–	–	–
1979	57.1	–	–	–
1980	61.5	–	–	–
1981	66.3	–	–	–
PERSONAL SERVICES — SIC 72				
1977	60.2	–	–	–
1978	61.7	–	–	–
1979	63.8	–	–	–
1980	65.0	–	–	–
1981	67.3	–	–	–
BUSINESS AND REPAIR SERVICES — SIC 73,75,76				
1977	197.7	–	–	–
1978	220.5	–	–	–
1979	242.9	–	–	–
1980	263.8	–	–	–
1981	293.3	–	–	–
AMUSEMENTS, INCLUDING MOTION PICTURES — SIC 78,79				
1977	37.0	–	–	–
1978	39.3	–	–	–
1979	40.3	–	–	–
1980	42.4	–	–	–
1981	44.0	–	–	–
HEALTH SERVICES — SIC 80				
1977	237.1	–	–	–
1978	247.3	–	–	–
1979	261.5	–	–	–
1980	283.0	–	–	–
1981	307.1	–	–	–

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
EDUCATIONAL SERVICES — SIC 82				
1977	44.4	-	-	-
1978	45.2	-	-	-
1979	48.8	-	-	-
1980	49.8	-	-	-
1981	53.1	-	-	-
GOVERNMENT				
1977	875.5	-	-	-
1978	923.7	-	-	-
1979	953.2	-	-	-
1980	978.1	-	-	-
1981	994.9	-	-	-
FEDERAL GOVERNMENT				
1977	160.7	-	-	-
1978	161.4	-	-	-
1979	163.2	-	-	-
1980	167.1	-	-	-
1981	166.7	-	-	-
STATE GOVERNMENT				
1977	193.6	-	-	-
1978	196.3	-	-	-
1979	199.9	-	-	-
1980	206.0	-	-	-
1981	211.9	-	-	-
LOCAL GOVERNMENT				
1977	521.2	-	-	-
1978	566.0	-	-	-
1979	590.1	-	-	-
1980	605.0	-	-	-
1981	616.3	-	-	-
ABILENE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1979	53.6	-	-	-
1980	55.9	-	-	-
1981	59.6	-	-	-
MINING				
1979	3.5	-	-	-
1980	4.2	-	-	-
1981	5.3	-	-	-
CONSTRUCTION				
1979	3.2	-	-	-
1980	3.1	-	-	-
1981	3.2	-	-	-
MANUFACTURING				
1979	5.7	-	-	-
1980	5.8	195.70	41.2	4.75
1981	6.2	221.03	42.1	5.25
DURABLE GOODS				
1979	2.8	-	-	-
1980	3.0	191.70	40.7	4.71
1981	3.5	222.08	40.6	5.47
NONDURABLE GOODS				
1979	2.9	-	-	-
1980	2.8	200.22	41.8	4.79
1981	2.7	218.94	44.5	4.92
FOOD AND KINDRED PRODUCTS — SIC 20				
1979	1.6	-	-	-
1980	1.5	-	-	-
1981	1.4	-	-	-
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1979	.5	-	-	-
1980	.4	-	-	-
1981	.4	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
ABILENE (Con.)				
PRINTING AND PUBLISHING — SIC 27				
1979	0.5	-	-	-
1980	.5	-	-	-
1981	.5	-	-	-
OTHER NONDURABLE GOODS				
1979	.3	-	-	-
1980	.4	-	-	-
1981	.4	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1979	2.9	-	-	-
1980	3.0	-	-	-
1981	3.2	-	-	-
WHOLESALE AND RETAIL TRADE				
1979	14.3	-	-	-
1980	15.1	-	-	-
1981	16.4	-	-	-
WHOLESALE TRADE — SIC 50,51				
1979	3.7	-	-	-
1980	4.3	-	-	-
1981	5.2	-	-	-
RETAIL TRADE — SIC 52-59				
1979	10.6	-	-	-
1980	10.8	-	-	-
1981	11.2	-	-	-
GENERAL MERCHANDISE STORES — SIC 53				
1979	1.6	-	-	-
1980	1.6	-	-	-
1981	1.8	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1979	2.5	-	-	-
1980	2.6	-	-	-
1981	2.8	-	-	-
BANKING — SIC 60				
1979	.9	-	-	-
1980	1.0	-	-	-
1981	1.1	-	-	-
SERVICES				
1979	11.9	-	-	-
1980	12.6	-	-	-
1981	13.2	-	-	-
GOVERNMENT				
1979	9.6	-	-	-
1980	9.5	-	-	-
1981	9.3	-	-	-
FEDERAL GOVERNMENT				
1979	1.3	-	-	-
1980	1.5	-	-	-
1981	1.4	-	-	-
STATE AND LOCAL GOVERNMENT				
1979	8.3	-	-	-
1980	8.0	-	-	-
1981	7.9	-	-	-
AMARILLO				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	68.6	-	-	-
1978	72.0	-	-	-
1979	75.4	-	-	-
1980	75.2	-	-	-
1981	76.7	-	-	-
CONSTRUCTION				
1977	4.2	-	-	-
1978	5.0	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
AMARILLO (Con.)				
CONSTRUCTION (Con.)				
1979	4.8	-	-	-
1980	4.4	-	-	-
1981	4.5	-	-	-
MANUFACTURING				
1977	8.5	233.11	43.9	5.31
1978	8.1	238.43	42.2	5.65
1979	9.5	255.27	40.2	6.35
1980	9.7	288.15	41.7	6.91
1981	10.2	311.81	40.6	7.68
DURABLE GOODS				
1977	3.5	247.95	45.0	5.51
1978	3.3	239.79	40.3	5.95
1979	4.5	279.30	42.0	6.65
1980	4.5	285.66	41.4	6.90
1981	5.1	327.18	39.9	8.20
NONDURABLE GOODS				
1977	5.0	219.73	43.0	5.11
1978	4.8	235.66	43.4	5.43
1979	5.0	231.17	38.4	6.02
1980	5.2	290.22	42.0	6.91
1981	5.1	296.84	41.4	7.17
TRANSPORTATION AND PUBLIC UTILITIES				
1977	6.6	-	-	-
1978	6.8	-	-	-
1979	7.0	-	-	-
1980	7.0	-	-	-
1981	6.9	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	21.1	-	-	-
1978	22.2	-	-	-
1979	22.9	-	-	-
1980	22.6	-	-	-
1981	22.8	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	3.5	-	-	-
1978	3.7	-	-	-
1979	3.9	-	-	-
1980	3.9	-	-	-
1981	4.0	-	-	-
SERVICES AND MINING				
1977	13.4	-	-	-
1978	14.1	-	-	-
1979	14.5	-	-	-
1980	15.1	-	-	-
1981	15.9	-	-	-
GOVERNMENT				
1977	11.4	-	-	-
1978	12.1	-	-	-
1979	12.8	-	-	-
1980	12.5	-	-	-
1981	12.4	-	-	-
AUSTIN				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	200.9	-	-	-
1978	216.8	-	-	-
1979	230.6	-	-	-
1980	243.8	-	-	-
1981	243.8	-	-	-
CONSTRUCTION				
1977	11.3	-	-	-
1978	12.6	-	-	-
1979	13.2	-	-	-
1980	14.1	-	-	-
1981	14.1	-	-	-

See footnotes at end of tables.

TEXAS

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
AUSTIN (Con.)				
MANUFACTURING				
1977	22.8	180.46	41.2	4.38
1978	25.9	188.63	42.2	4.47
1979	28.7	206.23	41.0	5.03
1980	31.2	230.34	40.5	5.69
1981	31.2	257.36	41.1	6.26
DURABLE GOODS				
1977	17.0	189.48	42.2	4.49
1978	20.0	191.30	42.7	4.48
1979	22.7	209.80	41.3	5.08
1980	24.8	234.08	40.5	5.78
1981	24.8	260.72	40.9	6.37
NONDURABLE GOODS				
1977	5.8	159.49	38.9	4.10
1978	5.9	178.53	40.3	4.43
1979	6.0	191.35	39.7	4.82
1980	6.4	214.89	40.5	5.30
1981	6.4	243.01	41.8	5.82
TRANSPORTATION AND PUBLIC UTILITIES				
1977	6.2	-	-	-
1978	6.6	-	-	-
1979	7.2	-	-	-
1980	7.4	-	-	-
1981	7.4	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	42.0	-	-	-
1978	45.7	-	-	-
1979	49.2	-	-	-
1980	52.1	-	-	-
1981	52.1	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	11.9	-	-	-
1978	12.8	-	-	-
1979	13.7	-	-	-
1980	14.5	-	-	-
1981	14.5	-	-	-
SERVICES AND MINING				
1977	32.9	-	-	-
1978	36.7	-	-	-
1979	41.1	-	-	-
1980	45.8	-	-	-
1981	45.8	-	-	-
GOVERNMENT				
1977	73.8	-	-	-
1978	76.5	-	-	-
1979	77.5	-	-	-
1980	78.7	-	-	-
1981	78.7	-	-	-
BEAUMONT-PORT ARTHUR-ORANGE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	142.8	-	-	-
1978	146.4	-	-	-
1979	150.3	-	-	-
1980	149.5	-	-	-
1981	154.9	-	-	-
CONSTRUCTION				
1977	16.6	-	-	-
1978	14.6	-	-	-
1979	14.0	-	-	-
1980	13.4	-	-	-
1981	13.0	-	-	-
MANUFACTURING				
1977	40.0	313.47	40.5	7.74
1978	41.8	346.06	41.1	8.42
1979	41.3	383.04	42.0	9.12
1980	38.2	420.85	41.3	10.19
1981	42.8	450.84	40.8	11.05
BEAUMONT-PORT ARTHUR-ORANGE (Con.)				
DURABLE GOODS				
1977	12.0	264.40	39.7	6.67
1978	13.1	277.78	40.2	6.91
1979	14.0	313.88	40.5	7.75
1980	14.5	340.96	39.6	8.61
1981	15.3	359.29	38.8	9.26
FABRICATED METAL PRODUCTS — SIC 34				
1977	3.1	-	-	-
1978	3.0	-	-	-
1979	3.2	-	-	-
1980	3.1	-	-	-
1981	3.4	-	-	-
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	1.5	-	-	-
1978	1.5	-	-	-
1979	1.6	-	-	-
1980	1.8	-	-	-
1981	2.2	-	-	-
NONDURABLE GOODS				
1977	28.0	336.61	40.9	8.23
1978	28.7	378.07	41.5	9.11
1979	27.3	422.01	42.8	9.86
1980	23.7	476.43	42.5	11.21
1981	27.5	503.64	41.9	12.02
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	10.7	370.48	42.1	8.80
1978	11.2	402.95	41.8	9.64
1979	10.4	434.70	41.4	10.50
1980	10.5	457.06	40.7	11.23
1981	10.3	488.56	39.4	12.40
PETROLEUM AND COAL PRODUCTS — SIC 29				
1977	14.3	339.39	40.5	8.38
1978	14.5	387.81	41.7	9.30
1979	13.8	442.00	44.2	10.00
1980	10.2	538.35	44.9	11.99
1981	14.2	532.08	43.4	12.26
TRANSPORTATION AND PUBLIC UTILITIES				
1977	10.5	-	-	-
1978	10.7	-	-	-
1979	11.3	-	-	-
1980	11.7	-	-	-
1981	12.1	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	30.3	-	-	-
1978	32.0	-	-	-
1979	33.5	-	-	-
1980	34.0	-	-	-
1981	34.3	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	5.1	-	-	-
1978	5.2	-	-	-
1979	5.4	-	-	-
1980	5.4	-	-	-
1981	5.6	-	-	-
SERVICES AND MINING				
1977	22.2	-	-	-
1978	23.8	-	-	-
1979	25.3	-	-	-
1980	26.6	-	-	-
1981	27.7	-	-	-
GOVERNMENT				
1977	18.1	-	-	-
1978	18.3	-	-	-
1979	19.5	-	-	-
1980	20.2	-	-	-
1981	19.4	-	-	-
CORPUS CHRISTI				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	104.3	-	-	-
1978	113.4	-	-	-
1979	122.2	-	-	-
1980	125.8	-	-	-
1981	131.6	-	-	-
MINING				
1977	4.5	-	-	-
1978	5.6	-	-	-
1979	6.4	-	-	-
1980	7.2	-	-	-
1981	8.1	-	-	-
CONSTRUCTION				
1977	8.8	-	-	-
1978	11.3	-	-	-
1979	14.8	-	-	-
1980	12.7	-	-	-
1981	13.6	-	-	-
MANUFACTURING				
1977	13.1	249.67	41.2	6.06
1978	14.3	284.39	41.7	6.82
1979	14.9	283.77	39.8	7.13
1980	16.4	313.05	41.3	7.58
1981	16.9	345.28	41.5	8.32
DURABLE GOODS				
1977	3.8	205.63	40.8	5.04
1978	4.8	208.43	39.7	5.25
1979	5.5	218.41	36.1	6.05
1980	6.7	291.76	41.8	6.98
1981	6.6	317.54	41.4	7.67
NONDURABLE GOODS				
1977	9.3	270.34	41.4	6.53
1978	9.5	324.00	42.8	7.57
1979	9.4	322.56	42.0	7.68
1980	9.7	328.41	41.0	8.01
1981	10.3	364.42	41.6	8.76
TRANSPORTATION AND PUBLIC UTILITIES				
1977	6.2	-	-	-
1978	6.7	-	-	-
1979	7.0	-	-	-
1980	7.4	-	-	-
1981	7.4	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	26.1	-	-	-
1978	27.0	-	-	-
1979	28.6	-	-	-
1980	29.8	-	-	-
1981	31.7	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	5.2	-	-	-
1978	5.2	-	-	-
1979	5.5	-	-	-
1980	5.9	-	-	-
1981	5.9	-	-	-
SERVICES				
1977	16.8	-	-	-
1978	17.8	-	-	-
1979	19.2	-	-	-
1980	20.4	-	-	-
1981	21.7	-	-	-
GOVERNMENT				
1977	23.6	-	-	-
1978	25.5	-	-	-
1979	25.8	-	-	-
1980	26.0	-	-	-
1981	26.3	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
DALLAS-FORT WORTH				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	1,196.7	-	-	-
1978	1,292.4	-	-	-
1979	1,386.3	-	-	-
1980	1,454.2	-	-	-
1981	1,513.7	-	-	-
MINING				
1977	15.5	-	-	-
1978	19.0	-	-	-
1979	21.2	-	-	-
1980	25.1	-	-	-
1981	30.0	-	-	-
OIL AND GAS EXTRACTION — SIC 13				
1977	14.6	-	-	-
1978	18.1	-	-	-
1979	20.1	-	-	-
1980	23.8	-	-	-
1981	28.6	-	-	-
CONSTRUCTION				
1977	57.8	-	-	-
1978	67.6	-	-	-
1979	79.3	-	-	-
1980	83.6	-	-	-
1981	81.1	-	-	-
GENERAL BUILDING CONTRACTORS — SIC 15				
1977	16.7	-	-	-
1978	19.3	-	-	-
1979	23.5	-	-	-
1980	23.2	-	-	-
1981	22.7	-	-	-
HEAVY CONSTRUCTION CONTRACTORS — SIC 16				
1977	9.1	-	-	-
1978	10.5	-	-	-
1979	13.1	-	-	-
1980	14.1	-	-	-
1981	12.5	-	-	-
SPECIAL TRADE CONTRACTORS — SIC 17				
1977	32.0	-	-	-
1978	37.8	-	-	-
1979	42.7	-	-	-
1980	46.3	-	-	-
1981	45.9	-	-	-
MANUFACTURING				
1977	267.3	205.44	40.6	5.06
1978	289.5	223.30	40.6	5.50
1979	310.4	245.83	40.7	6.04
1980	320.3	273.50	40.7	6.72
1981	330.5	309.26	40.8	7.58
DURABLE GOODS				
1977	176.3	218.77	41.2	5.31
1978	195.1	235.75	41.0	5.75
1979	214.4	259.78	41.3	6.29
1980	223.6	288.93	41.1	7.03
1981	230.5	327.20	40.9	8.00
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	6.7	145.15	37.8	3.84
1978	7.3	141.64	36.6	3.87
1979	7.2	161.78	37.8	4.28
1980	7.9	173.16	37.0	4.68
1981	7.8	186.00	37.2	5.00
FURNITURE AND FIXTURES — SIC 25				
1977	5.9	162.78	38.3	4.25
1978	6.1	166.50	38.1	4.37
1979	6.3	203.09	39.9	5.09
1980	5.6	210.10	38.2	5.50
1981	5.9	234.02	39.2	5.97
DALLAS-FORT WORTH (Con.)				
HOUSEHOLD, AND OFFICE FURNITURE — SIC 251,2				
1977	4.6	-	-	-
1978	4.8	-	-	-
1979	4.7	-	-	-
1980	4.0	-	-	-
1981	4.0	-	-	-
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	8.5	213.28	43.0	4.96
1978	9.3	227.75	42.1	5.41
1979	10.1	265.40	42.6	6.23
1980	10.2	285.60	42.5	6.72
1981	9.9	324.86	43.2	7.52
CONCRETE, GYPSUM, AND PLASTER PRODUCTS — SIC 327				
1977	3.9	-	-	-
1978	4.2	-	-	-
1979	4.4	-	-	-
1980	4.9	-	-	-
1981	5.2	-	-	-
PRIMARY METAL INDUSTRIES — SIC 33				
1977	4.8	197.24	41.7	4.73
1978	4.9	259.58	41.4	6.27
1979	5.2	276.64	42.3	6.54
1980	6.3	305.11	43.9	6.95
1981	7.8	389.37	43.7	8.91
FABRICATED METAL PRODUCTS — SIC 34				
1977	21.3	186.05	40.8	4.56
1978	24.8	155.69	40.1	4.88
1979	26.4	215.54	40.9	5.27
1980	26.8	243.90	41.2	5.92
1981	27.1	271.01	41.0	6.61
FABRICATED STRUCTURAL METAL PRODUCTS — SIC 344				
1977	11.7	-	-	-
1978	14.2	-	-	-
1979	15.5	-	-	-
1980	16.1	-	-	-
1981	16.2	-	-	-
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	32.8	229.06	41.8	5.48
1978	37.2	249.80	42.7	5.85
1979	41.2	263.84	42.9	6.15
1980	46.4	291.28	41.2	7.07
1981	52.4	324.69	41.1	7.90
CONSTRUCTION AND RELATED MACHINERY — SIC 353				
1977	11.1	-	-	-
1978	12.7	-	-	-
1979	13.5	-	-	-
1980	14.6	-	-	-
1981	16.9	-	-	-
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	44.0	214.34	41.7	5.14
1978	49.0	235.61	41.7	5.65
1979	58.0	264.09	41.2	6.41
1980	58.7	288.36	40.5	7.12
1981	55.6	329.25	40.3	8.17
TRANSPORTATION EQUIPMENT — SIC 37				
1977	42.1	293.14	42.3	6.93
1978	46.4	307.60	41.4	7.43
1979	48.9	335.30	41.6	8.06
1980	49.4	391.28	42.3	9.25
1981	51.5	438.27	41.9	10.46
AIRCRAFT AND PARTS — SIC 372				
1977	30.6	-	-	-
1978	33.4	-	-	-
1979	36.2	-	-	-
1980	31.7	-	-	-
1981	30.1	-	-	-
DALLAS-FORT WORTH (Con.)				
INSTRUMENTS AND RELATED PRODUCTS — SIC 38				
1977	5.8	132.62	38.0	3.49
1978	5.7	155.04	38.0	4.08
1979	6.3	173.05	38.8	4.46
1980	7.2	193.11	40.4	4.78
1981	7.9	223.51	39.7	5.63
MISC. MANUFACTURING INDUSTRIES — SIC 39				
1977	4.4	174.27	37.0	4.71
1978	4.4	180.10	38.4	4.69
1979	4.8	178.94	38.9	4.60
1980	5.1	201.40	40.2	5.01
1981	4.6	223.26	36.6	6.10
NONDURABLE GOODS				
1977	91.0	182.62	39.7	4.60
1978	94.4	199.80	39.8	5.02
1979	96.0	217.65	39.5	5.51
1980	96.7	242.80	40.0	6.07
1981	100.0	274.05	40.6	6.75
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	23.5	190.39	41.3	4.61
1978	23.6	220.78	41.5	5.32
1979	22.7	245.78	41.1	5.98
1980	22.2	280.73	42.6	6.59
1981	22.6	310.17	42.2	7.35
MEAT PRODUCTS — SIC 201				
1977	4.4	-	-	-
1978	4.1	-	-	-
1979	3.6	-	-	-
1980	3.6	-	-	-
1981	3.9	-	-	-
PRESERVED FRUITS AND VEGETABLES — SIC 203				
1977	2.3	-	-	-
1978	2.6	-	-	-
1979	2.7	-	-	-
1980	2.1	-	-	-
1981	2.0	-	-	-
BAKERY PRODUCTS — SIC 205				
1977	2.6	-	-	-
1978	2.5	-	-	-
1979	2.3	-	-	-
1980	2.4	-	-	-
1981	2.4	-	-	-
TEXTILE MILLS, PETROLEUM AND COAL, AND LEATHER — SIC 22,29,31				
1977	4.5	-	-	-
1978	4.5	-	-	-
1979	4.8	-	-	-
1980	5.0	-	-	-
1981	5.7	-	-	-
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	18.0	118.93	37.4	3.18
1978	18.2	127.73	36.6	3.49
1979	17.5	139.39	36.3	3.84
1980	16.5	152.56	37.3	4.09
1981	16.3	168.21	37.8	4.45
MEN'S AND BOYS' SUITS, COATS, AND FURNISHINGS — SIC 231,2				
1977	3.4	-	-	-
1978	3.3	-	-	-
1979	3.1	-	-	-
1980	3.1	-	-	-
1981	3.1	-	-	-
WOMEN'S AND MISSES' OUTERWEAR, AND WOMEN'S AND CHILDREN'S UNDERGARMENTS — SIC 233,4				
1977	9.0	-	-	-
1978	9.0	-	-	-
1979	8.3	-	-	-
1980	7.4	-	-	-
1981	7.3	-	-	-

See footnotes at end of tables.

TEXAS

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Production or nonsupervisory workers: Average weekly hours	Production or nonsupervisory workers: Average hourly earnings (dollars)
DALLAS-FORT WORTH (Con.)				
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	8.2	205.91	41.1	5.01
1978	8.3	225.09	41.3	5.45
1979	8.6	236.21	39.5	5.98
1980	8.5	267.97	41.1	6.52
1981	8.6	300.21	40.9	7.34
PRINTING AND PUBLISHING — SIC 27				
1977	18.8	209.17	38.1	5.49
1978	20.1	232.26	39.5	5.88
1979	21.6	244.72	38.6	6.34
1980	22.7	270.84	38.2	7.09
1981	24.0	311.65	39.3	7.93
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	9.1	259.15	41.2	6.29
1978	9.5	289.38	42.0	6.89
1979	9.9	305.12	41.4	7.37
1980	10.8	342.50	42.6	8.04
1981	11.3	380.12	43.0	8.84
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS — SIC 30				
1977	8.9	167.62	41.8	4.01
1978	10.2	170.10	40.5	4.20
1979	10.9	189.37	40.9	4.63
1980	11.0	202.91	40.5	5.01
1981	11.5	227.76	42.1	5.41
TRANSPORTATION AND PUBLIC UTILITIES				
1977	78.2	–	–	–
1978	82.8	–	–	–
1979	90.3	–	–	–
1980	93.7	–	–	–
1981	98.0	–	–	–
RAILROAD TRANSPORTATION — SIC 40				
1977	5.3	–	–	–
1978	5.4	–	–	–
1979	5.5	–	–	–
1980	5.4	–	–	–
1981	5.3	–	–	–
LOCAL AND INTERURBAN PASSENGER TRANSIT — SIC 41				
1977	2.5	–	–	–
1978	2.5	–	–	–
1979	2.6	–	–	–
1980	2.6	–	–	–
1981	2.7	–	–	–
TRUCKING AND WAREHOUSING — SIC 42				
1977	25.3	–	–	–
1978	27.4	–	–	–
1979	28.4	–	–	–
1980	27.8	–	–	–
1981	28.4	–	–	–
TRANSPORTATION BY AIR — SIC 45				
1977	16.0	–	–	–
1978	16.5	–	–	–
1979	19.3	–	–	–
1980	20.3	–	–	–
1981	20.7	–	–	–
COMMUNICATION — SIC 48				
1977	16.6	–	–	–
1978	17.8	–	–	–
1979	20.0	–	–	–
1980	21.9	–	–	–
1981	24.1	–	–	–
ELECTRIC, GAS, AND SANITARY SERVICES — SIC 49				
1977	10.0	–	–	–
1978	10.3	–	–	–
1979	11.3	–	–	–
1980	12.0	–	–	–
1981	12.8	–	–	–

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Production or nonsupervisory workers: Average weekly hours	Production or nonsupervisory workers: Average hourly earnings (dollars)
DALLAS-FORT WORTH (Con.)				
WHOLESALE AND RETAIL TRADE				
1977	321.9	–	–	–
1978	342.8	–	–	–
1979	368.4	–	–	–
1980	385.1	–	–	–
1981	399.7	–	–	–
WHOLESALE TRADE — SIC 50,51				
1977	108.7	–	–	–
1978	115.4	–	–	–
1979	123.9	–	–	–
1980	130.3	–	–	–
1981	134.9	–	–	–
RETAIL TRADE — SIC 52-59				
1977	213.2	–	–	–
1978	227.4	–	–	–
1979	244.5	–	–	–
1980	254.8	–	–	–
1981	264.8	–	–	–
BUILDING MATERIALS AND GARDEN SUPPLIES — SIC 52				
1977	7.8	–	–	–
1978	8.2	–	–	–
1979	8.8	–	–	–
1980	8.9	–	–	–
1981	9.1	–	–	–
GENERAL MERCHANDISE STORES — SIC 53				
1977	36.4	–	–	–
1978	38.2	–	–	–
1979	40.3	–	–	–
1980	40.2	–	–	–
1981	40.3	–	–	–
DEPARTMENT STORES — SIC 531				
1977	30.3	–	–	–
1978	32.6	–	–	–
1979	35.6	–	–	–
1980	36.3	–	–	–
1981	36.4	–	–	–
FOOD STORES — SIC 54				
1977	29.9	–	–	–
1978	32.1	–	–	–
1979	35.6	–	–	–
1980	38.2	–	–	–
1981	40.9	–	–	–
AUTOMOTIVE DEALERS AND SERVICE STATIONS — SIC 55				
1977	24.8	–	–	–
1978	26.2	–	–	–
1979	26.1	–	–	–
1980	25.9	–	–	–
1981	26.6	–	–	–
GASOLINE SERVICE STATIONS — SIC 554				
1977	7.4	–	–	–
1978	7.4	–	–	–
1979	6.7	–	–	–
1980	7.2	–	–	–
1981	7.7	–	–	–
APPAREL AND ACCESSORY STORES — SIC 56				
1977	12.8	–	–	–
1978	13.6	–	–	–
1979	15.0	–	–	–
1980	15.9	–	–	–
1981	16.7	–	–	–
FURNITURE AND HOME FURNISHINGS STORES — SIC 57				
1977	12.0	–	–	–
1978	12.6	–	–	–
1979	13.0	–	–	–
1980	14.1	–	–	–
1981	14.6	–	–	–

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Production or nonsupervisory workers: Average weekly hours	Production or nonsupervisory workers: Average hourly earnings (dollars)
DALLAS-FORT WORTH (Con.)				
EATING AND DRINKING PLACES — SIC 58				
1977	58.4	–	–	–
1978	63.6	–	–	–
1979	71.3	–	–	–
1980	75.2	–	–	–
1981	80.0	–	–	–
MISCELLANEOUS RETAIL — SIC 59				
1977	31.1	–	–	–
1978	32.9	–	–	–
1979	34.4	–	–	–
1980	36.4	–	–	–
1981	36.6	–	–	–
FINANCE, INSURANCE, AND REAL ESTATE				
1977	88.6	–	–	–
1978	95.0	–	–	–
1979	101.8	–	–	–
1980	109.3	–	–	–
1981	114.5	–	–	–
BANKING — SIC 60				
1977	18.1	–	–	–
1978	19.3	–	–	–
1979	20.8	–	–	–
1980	22.3	–	–	–
1981	23.3	–	–	–
CREDIT AGENCIES OTHER THAN BANKS — SIC 61				
1977	8.7	–	–	–
1978	9.6	–	–	–
1979	10.2	–	–	–
1980	10.4	–	–	–
1981	11.1	–	–	–
SECURITY, COMMODITY BROKERS AND SERVICES — SIC 62				
1977	2.8	–	–	–
1978	2.9	–	–	–
1979	2.9	–	–	–
1980	3.2	–	–	–
1981	3.6	–	–	–
INSURANCE CARRIERS — SIC 63				
1977	33.0	–	–	–
1978	34.8	–	–	–
1979	36.5	–	–	–
1980	38.3	–	–	–
1981	38.0	–	–	–
INSURANCE AGENTS, BROKERS AND SERVICE — SIC 64				
1977	6.6	–	–	–
1978	7.1	–	–	–
1979	8.3	–	–	–
1980	8.7	–	–	–
1981	9.5	–	–	–
REAL ESTATE — SIC 65				
1977	16.8	–	–	–
1978	17.9	–	–	–
1979	19.6	–	–	–
1980	22.7	–	–	–
1981	24.7	–	–	–
SERVICES				
1977	206.4	–	–	–
1978	225.1	–	–	–
1979	248.4	–	–	–
1980	256.4	–	–	–
1981	277.7	–	–	–
HOTELS AND OTHER LODGING PLACES — SIC 70				
1977	12.9	–	–	–
1978	13.4	–	–	–
1979	14.9	–	–	–
1980	15.5	–	–	–
1981	17.3	–	–	–

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
DALLAS-FORT WORTH (Con.)				
PERSONAL SERVICES — SIC 72				
1977	15.7	-	-	-
1978	16.6	-	-	-
1979	17.3	-	-	-
1980	17.6	-	-	-
1981	18.5	-	-	-
BUSINESS SERVICES — SIC 73				
1977	43.1	-	-	-
1978	50.5	-	-	-
1979	55.8	-	-	-
1980	61.3	-	-	-
1981	71.1	-	-	-
AUTO REPAIR, SERVICES, AND GARAGES — SIC 75				
1977	8.8	-	-	-
1978	9.7	-	-	-
1979	10.1	-	-	-
1980	10.2	-	-	-
1981	11.0	-	-	-
MISCELLANEOUS REPAIR SERVICES — SIC 76				
1977	3.4	-	-	-
1978	3.7	-	-	-
1979	3.7	-	-	-
1980	3.8	-	-	-
1981	4.0	-	-	-
MOTION PICTURES — SIC 78				
1977	2.6	-		-
1978	2.6	-	-	-
1979	2.6	-	-	-
1980	3.4	-	-	-
1981	3.5	-	-	-
AMUSEMENT AND RECREATION SERVICES — SIC 79				
1977	9.4	-	-	-
1978	9.6	-	-	-
1979	10.1	-	-	-
1980	10.8	-	-	-
1981	10.8	-	-	-
HEALTH SERVICES — SIC 80				
1977	54.7	-	-	-
1978	56.5	-	-	-
1979	59.2	-	-	-
1980	63.7	-	-	-
1981	68.0	-	-	-
HOSPITALS — SIC 806				
1977	27.0	-	-	-
1978	27.6	-	-	-
1979	29.1	-	-	-
1980	31.7	-	-	-
1981	34.6	-	-	-
LEGAL SERVICES — SIC 81				
1977	5.1	-	-	-
1978	5.7	-	-	-
1979	6.5	-	-	-
1980	7.1	-	-	-
1981	7.8	-	-	-
EDUCATIONAL SERVICES — SIC 82				
1977	10.0	-	-	-
1978	11.4	-	-	-
1979	12.1	-	-	-
1980	12.8	-	-	-
1981	13.8	-	-	-
GOVERNMENT				
1977	161.0	-	-	-
1978	170.6	-	-	-
1979	174.5	-	-	-
1980	180.7	-	-	-
1981	182.2	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
DALLAS-FORT WORTH (Con.)				
FEDERAL GOVERNMENT				
1977	29.4	-	-	-
1978	30.4	-	-	-
1979	31.6	-	-	-
1980	33.4	-	-	-
1981	32.3	-	-	-
STATE GOVERNMENT				
1977	24.3	-	-	-
1978	24.5	-	-	-
1979	25.0	-	-	-
1980	25.4	-	-	-
1981	25.5	-	-	-
LOCAL GOVERNMENT				
1977	107.3	-	-	-
1978	115.7	-	-	-
1979	117.9	-	-	-
1980	121.9	-	-	-
1981	124.4	-	-	-
EL PASO				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	141.4	-	-	-
1978	149.8	-	-	-
1979	157.0	-	-	-
1980	161.9	-	-	-
1981	167.5	-	-	-
CONSTRUCTION				
1977	8.2	-	-	-
1978	9.2	-	-	-
1979	9.2	-	-	-
1980	8.5	-	-	-
1981	8.5	-	-	-
MANUFACTURING				
1977	28.9	150.42	39.6	3.80
1978	30.5	179.78	39.6	4.54
1979	33.6	224.80	40.0	5.62
1980	36.1	204.27	41.1	4.97
1981	39.1	223.44	39.9	5.60
DURABLE GOODS				
1977	7.0	204.73	39.6	5.17
1978	7.8	229.07	40.4	5.67
1979	9.3	395.50	40.9	9.67
1980	10.3	243.90	38.9	6.27
1981	11.4	282.40	40.0	7.06
NONDURABLE GOODS				
1977	21.9	133.73	39.8	3.36
1978	22.7	164.67	39.3	4.19
1979	24.3	167.53	39.7	4.22
1980	25.8	190.65	41.9	4.55
1981	27.7	202.58	39.8	5.09
TRANSPORTATION AND PUBLIC UTILITIES				
1977	9.9	-	-	-
1978	10.4	-	-	-
1979	11.1	-	-	-
1980	10.8	-	-	-
1981	10.5	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	35.7	-	-	-
1978	37.3	-	-	-
1979	39.1	-	-	-
1980	39.5	-	-	-
1981	39.6	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	6.6	-	-	-
1978	7.0	-	-	-
1979	7.3	-	-	-
1980	7.4	-	-	-
1981	7.6	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
EL PASO (Con.)				
SERVICES AND MINING				
1977	23.4	-	-	-
1978	24.3	-	-	-
1979	24.7	-	-	-
1980	25.7	-	-	-
1981	26.7	-	-	-
GOVERNMENT				
1977	26.7	-	-	-
1978	31.1	-	-	-
1979	32.0	-	-	-
1980	33.9	-	-	-
1981	35.5	-	-	-
GALVESTON-TEXAS CITY				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	65.3	-	-	-
1978	66.1	-	-	-
1979	68.7	-	-	-
1980	69.4	-	-	-
1981	70.5	-	-	-
CONSTRUCTION				
1977	4.8	-	-	-
1978	5.1	-	-	-
1979	5.4	-	-	-
1980	5.1	-	-	-
1981	5.0	-	-	-
MANUFACTURING				
1977	11.9	344.68	42.5	8.11
1978	11.7	387.13	43.4	8.92
1979	12.0	407.89	42.4	9.62
1980	11.3	429.72	41.2	10.43
1981	12.1	494.64	43.2	11.45
DURABLE GOODS				
1977	3.0	295.90	41.5	7.13
1978	3.1	333.50	43.2	7.72
1979	3.4	347.36	41.7	8.33
1980	3.2	375.16	41.5	9.04
1981	3.5	426.41	43.6	9.78
NONDURABLE GOODS				
1977	8.9	364.65	42.9	8.50
1978	8.6	411.00	43.4	9.47
1979	8.6	432.55	42.7	10.13
1980	8.1	456.62	41.1	11.11
1981	8.6	531.05	43.0	12.35
TRANSPORTATION AND PUBLIC UTILITIES				
1977	6.1	-	-	-
1978	5.9	-	-	-
1979	6.4	-	-	-
1980	6.4	-	-	-
1981	6.8	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	12.1	-	-	-
1978	12.7	-	-	-
1979	13.2	-	-	-
1980	13.5	-	-	-
1981	13.6	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	4.3	-	-	-
1978	4.2	-	-	-
1979	4.5	-	-	-
1980	4.6	-	-	-
1981	4.6	-	-	-
SERVICES AND MINING				
1977	10.1	-	-	-
1978	10.9	-	-	-
1979	11.0	-	-	-
1980	11.4	-	-	-
1981	11.2	-	-	-

See footnotes at end of tables.

TEXAS

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
GALVESTON-TEXAS CITY (Con.)				
GOVERNMENT				
1977	15.9	-	-	-
1978	15.6	-	-	-
1979	16.2	-	-	-
1980	17.1	-	-	-
1981	17.2	-	-	-
HOUSTON				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	1,173.6	-	-	-
1978	1,281.2	-	-	-
1979	1,379.6	-	-	-
1980	1,462.7	-	-	-
1981	1,553.5	-	-	-
MINING				
1977	54.0	-	-	-
1978	63.1	-	-	-
1979	70.7	-	-	-
1980	85.7	-	-	-
1981	100.9	-	-	-
CRUDE PETROLEUM, NATURAL GAS, AND NATURAL GAS LIQUIDS — SIC 131,2				
1977	32.7	-	-	-
1978	35.1	-	-	-
1979	38.2	-	-	-
1980	45.6	-	-	-
1981	52.9	-	-	-
OIL AND GAS FIELD SERVICES — SIC 138				
1977	20.3	-	-	-
1978	26.9	-	-	-
1979	31.1	-	-	-
1980	38.6	-	-	-
1981	46.5	-	-	-
CONSTRUCTION				
1977	125.4	-	-	-
1978	136.7	-	-	-
1979	147.1	-	-	-
1980	145.9	-	-	-
1981	148.8	-	-	-
MANUFACTURING				
1977	195.1	277.95	42.5	6.54
1978	213.8	305.81	43.5	7.03
1979	230.2	333.94	43.2	7.73
1980	243.5	374.11	43.2	8.66
1981	262.2	419.87	43.6	9.63
DURABLE GOODS				
1977	113.1	259.34	42.1	6.16
1978	127.0	287.28	43.2	6.65
1979	139.9	314.33	43.0	7.31
1980	149.7	350.67	43.4	8.08
1981	164.7	399.89	43.8	9.13
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	2.7	-	-	-
1978	2.6	-	-	-
1979	2.4	-	-	-
1980	2.7	-	-	-
1981	3.4	-	-	-
PRIMARY METAL INDUSTRIES — SIC 33				
1977	10.4	303.40	41.0	7.40
1978	11.8	338.00	43.5	7.77
1979	12.6	390.21	44.8	8.71
1980	13.2	419.19	44.5	9.42
1981	13.9	464.26	44.3	10.48
FABRICATED METAL PRODUCTS — SIC 34				
1977	29.8	263.52	43.2	6.10
1978	32.3	291.98	42.5	6.87
1979	34.9	322.56	42.0	7.68
1980	35.7	342.77	42.9	7.99
1981	36.4	364.53	41.9	8.70

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
HOUSTON (Con.)				
FABRICATED STRUCTURAL METAL PRODUCTS — SIC 344				
1977	13.8	-	-	-
1978	15.1	-	-	-
1979	16.4	-	-	-
1980	16.7	-	-	-
1981	17.3	-	-	-
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	43.0	283.60	43.1	6.58
1978	49.2	305.06	44.6	6.84
1979	54.1	333.84	44.1	7.57
1980	57.1	395.08	45.1	8.76
1981	67.0	468.26	46.5	10.07
OIL FIELD MACHINERY — SIC 3533				
1977	28.6	-	-	-
1978	32.2	-	-	-
1979	36.1	-	-	-
1980	38.3	-	-	-
1981	44.9	-	-	-
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	9.1	214.02	41.0	5.22
1978	10.9	247.34	43.7	5.66
1979	13.1	270.30	42.3	6.39
1980	16.2	314.84	41.7	7.55
1981	17.8	304.07	39.8	7.64
TRANSPORTATION EQUIPMENT — SIC 37				
1977	3.5	-	-	-
1978	4.5	-	-	-
1979	5.8	-	-	-
1980	6.7	-	-	-
1981	6.7	-	-	-
INSTRUMENTS AND RELATED PRODUCTS — SIC 38				
1977	3.3	-	-	-
1978	3.8	-	-	-
1979	4.4	-	-	-
1980	5.6	-	-	-
1981	6.9	-	-	-
MISC. MANUFACTURING INDUSTRIES — SIC 39				
1977	2.2	-	-	-
1978	2.4	-	-	-
1979	2.6	-	-	-
1980	2.8	-	-	-
1981	2.8	-	-	-
NONDURABLE GOODS				
1977	82.0	308.31	43.0	7.17
1978	86.8	335.95	43.8	7.67
1979	90.3	366.24	43.6	8.40
1980	93.8	413.56	42.9	9.64
1981	97.5	457.87	43.4	10.55
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	13.0	275.75	43.7	6.31
1978	13.3	298.08	43.9	6.79
1979	13.1	339.35	43.9	7.73
1980	13.1	355.26	42.7	8.32
1981	13.1	375.62	42.3	8.88
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	4.2	-	-	-
1978	4.2	-	-	-
1979	4.4	-	-	-
1980	4.3	-	-	-
1981	4.3	-	-	-
PRINTING AND PUBLISHING — SIC 27				
1977	11.8	232.36	37.0	6.28
1978	12.9	229.48	41.2	5.57
1979	14.1	234.18	40.1	5.84
1980	15.1	390.85	39.6	9.87
1981	16.1	406.22	40.3	10.08

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
HOUSTON (Con.)				
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	31.1	345.87	42.7	8.10
1978	33.0	396.36	43.7	9.07
1979	34.6	440.55	44.5	9.90
1980	35.9	472.38	43.1	10.96
1981	36.2	531.57	43.5	12.22
PETROLEUM AND COAL PRODUCTS — SIC 29				
1977	15.5	394.69	44.8	8.81
1978	15.8	436.29	45.4	9.61
1979	15.8	449.68	44.0	10.22
1980	16.2	475.44	42.0	11.32
1981	17.7	560.23	43.7	12.82
RUBBER, PLASTICS PRODUCTS, AND LEATHER — SIC 30,31				
1977	4.7	-	-	-
1978	6.0	-	-	-
1979	6.6	-	-	-
1980	7.4	-	-	-
1981	8.4	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	85.8	-	-	-
1978	92.9	-	-	-
1979	98.6	-	-	-
1980	102.8	-	-	-
1981	108.3	-	-	-
TRUCKING AND WAREHOUSING — SIC 42				
1977	18.6	-	-	-
1978	20.6	-	-	-
1979	22.1	-	-	-
1980	23.0	-	-	-
1981	24.4	-	-	-
ELECTRIC, GAS, AND SANITARY SERVICES — SIC 49				
1977	17.4	-	-	-
1978	18.8	-	-	-
1979	19.8	-	-	-
1980	21.0	-	-	-
1981	22.4	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	285.8	-	-	-
1978	310.0	-	-	-
1979	337.7	-	-	-
1980	353.6	-	-	-
1981	372.9	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	68.3	-	-	-
1978	75.2	-	-	-
1979	82.3	-	-	-
1980	88.3	-	-	-
1981	92.4	-	-	-
BANKING — SIC 60				
1977	15.4	-	-	-
1978	17.0	-	-	-
1979	18.9	-	-	-
1980	20.9	-	-	-
1981	22.1	-	-	-
SERVICES				
1977	227.0	-	-	-
1978	245.2	-	-	-
1979	259.8	-	-	-
1980	280.4	-	-	-
1981	301.4	-	-	-
GOVERNMENT				
1977	132.2	-	-	-
1978	144.3	-	-	-
1979	153.2	-	-	-
1980	162.5	-	-	-
1981	166.6	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Production or nonsupervisory workers: Average weekly hours	Production or nonsupervisory workers: Average hourly earnings (dollars)
HOUSTON (Con.)				
FEDERAL GOVERNMENT				
1977	16.9	–	–	–
1978	17.8	–	–	–
1979	18.9	–	–	–
1980	20.6	–	–	–
1981	20.5	–	–	–
LONGVIEW-MARSHALL				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1979	62.9	–	–	–
1980	65.5	–	–	–
1981	68.4	–	–	–
CONSTRUCTION				
1979	4.7	–	–	–
1980	4.7	–	–	–
1981	4.2	–	–	–
MANUFACTURING				
1979	18.5	–	–	–
1980	18.5	297.68	40.5	7.35
1981	19.0	328.86	40.6	8.10
DURABLE GOODS				
1979	12.0	–	–	–
1980	12.5	297.05	41.2	7.21
1981	13.0	323.87	41.1	7.88
LUMBER AND WOOD PRODUCTS — SIC 24				
1979	.6	–	–	–
1980	.6	–	–	–
1981	.7	–	–	–
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1979	1.7	–	–	–
1980	1.6	–	–	–
1981	1.7	–	–	–
PRIMARY METAL INDUSTRIES — SIC 33				
1979	1.3	–	–	–
1980	1.2	–	–	–
1981	1.2	–	–	–
FABRICATED METAL PRODUCTS — SIC 34				
1979	2.5	–	–	–
1980	3.0	–	–	–
1981	2.9	–	–	–
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1979	3.9	–	–	–
1980	4.3	–	–	–
1981	4.9	–	–	–
TRANSPORTATION EQUIPMENT — SIC 37				
1979	1.7	–	–	–
1980	1.5	–	–	–
1981	1.3	–	–	–
OTHER DURABLE GOODS				
1979	.3	–	–	–
1980	.3	–	–	–
1981	.3	–	–	–
NONDURABLE GOODS				
1979	6.5	–	–	–
1980	6.0	300.69	39.0	7.71
1981	6.0	341.82	39.2	8.72
FOOD AND KINDRED PRODUCTS — SIC 20				
1979	1.0	–	–	–
1980	1.0	–	–	–
1981	.9	–	–	–
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1979	.9	–	–	–
1980	.9	–	–	–
1981	.9	–	–	–

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Production or nonsupervisory workers: Average weekly hours	Production or nonsupervisory workers: Average hourly earnings (dollars)
LONGVIEW-MARSHALL (Con.)				
TRANSPORTATION AND PUBLIC UTILITIES				
1979	3.3	–	–	–
1980	3.6	–	–	–
1981	3.9	–	–	–
TRANSPORTATION — SIC 40-42,44-47				
1979	2.0	–	–	–
1980	2.2	–	–	–
1981	2.2	–	–	–
WHOLESALE AND RETAIL TRADE				
1979	14.9	–	–	–
1980	15.2	–	–	–
1981	15.7	–	–	–
WHOLESALE TRADE — SIC 50,51				
1979	3.6	–	–	–
1980	3.8	–	–	–
1981	4.1	–	–	–
RETAIL TRADE — SIC 52-59				
1979	11.3	–	–	–
1980	11.4	–	–	–
1981	11.6	–	–	–
GENERAL MERCHANDISE STORES — SIC 53				
1979	1.7	–	–	–
1980	1.6	–	–	–
1981	1.5	–	–	–
AUTOMOTIVE DEALERS AND SERVICE STATIONS — SIC 55				
1979	1.7	–	–	–
1980	1.8	–	–	–
1981	1.7	–	–	–
FINANCE, INSURANCE, AND REAL ESTATE				
1979	2.2	–	–	–
1980	2.3	–	–	–
1981	2.4	–	–	–
BANKING — SIC 60				
1979	.9	–	–	–
1980	.9	–	–	–
1981	1.0	–	–	–
SERVICES AND MINING				
1979	12.4	–	–	–
1980	13.8	–	–	–
1981	15.4	–	–	–
HOTELS AND OTHER LODGING PLACES, PERSONAL, BUSINESS, AND REPAIR SERVICES, AND AMUSEMENTS — SIC 70,72,73,75, 76,78,79				
1979	3.6	–	–	–
1980	3.8	–	–	–
1981	4.3	–	–	–
HEALTH, LEGAL, EDUCATIONAL, AND SOCIAL SERVICES, MUSEUMS, MEMBERSHIP ORGANIZATIONS, AND MISCELLANEOUS SERVICES — SIC 80-84,86,89				
1979	5.3	–	–	–
1980	5.7	–	–	–
1981	6.2	–	–	–
GOVERNMENT				
1979	6.9	–	–	–
1980	7.4	–	–	–
1981	7.7	–	–	–
LUBBOCK				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	81.9	–	–	–
1978	86.7	–	–	–
1979	87.9	–	–	–
1980	89.4	–	–	–
1981	89.6	–	–	–

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Production or nonsupervisory workers: Average weekly hours	Production or nonsupervisory workers: Average hourly earnings (dollars)
LUBBOCK (Con.)				
CONSTRUCTION				
1977	4.7	–	–	–
1978	4.7	–	–	–
1979	4.5	–	–	–
1980	4.2	–	–	–
1981	4.0	–	–	–
MANUFACTURING				
1977	12.5	163.61	40.7	4.02
1978	12.9	179.34	40.3	4.45
1979	12.9	203.94	41.2	4.95
1980	13.4	230.83	41.0	5.63
1981	12.1	254.38	40.7	6.25
DURABLE GOODS				
1977	8.8	155.62	39.8	3.91
1978	9.3	170.64	39.5	4.32
1979	9.2	195.05	40.3	4.84
1980	9.6	226.16	40.1	5.64
1981	8.7	250.51	39.7	6.31
NONDURABLE GOODS				
1977	3.7	182.33	42.8	4.26
1978	3.6	199.55	42.1	4.74
1979	3.7	226.28	43.6	5.19
1980	3.7	244.47	43.5	5.62
1981	3.4	262.30	43.0	6.10
TRANSPORTATION AND PUBLIC UTILITIES				
1977	4.7	–	–	–
1978	5.0	–	–	–
1979	5.1	–	–	–
1980	5.1	–	–	–
1981	5.0	–	–	–
WHOLESALE AND RETAIL TRADE				
1977	24.6	–	–	–
1978	25.9	–	–	–
1979	26.1	–	–	–
1980	26.4	–	–	–
1981	27.0	–	–	–
FINANCE, INSURANCE, AND REAL ESTATE				
1977	4.0	–	–	–
1978	4.5	–	–	–
1979	4.7	–	–	–
1980	4.8	–	–	–
1981	4.9	–	–	–
SERVICES AND MINING				
1977	14.3	–	–	–
1978	15.4	–	–	–
1979	16.1	–	–	–
1980	16.5	–	–	–
1981	17.3	–	–	–
GOVERNMENT				
1977	17.1	–	–	–
1978	18.3	–	–	–
1979	18.5	–	–	–
1980	19.0	–	–	–
1981	19.3	–	–	–
MIDLAND				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1979	38.5	–	–	–
1980	43.4	–	–	–
1981	49.7	–	–	–
MINING				
1979	9.4	–	–	–
1980	11.0	–	–	–
1981	13.2	–	–	–
CONSTRUCTION				
1979	2.5	–	–	–
1980	3.2	–	–	–
1981	3.4	–	–	–

See footnotes at end of tables.

TEXAS

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
MIDLAND (Con.)				
MANUFACTURING				
1979	3.6	-	-	-
1980	4.2	-	-	-
1981	4.8	-	-	-
DURABLE GOODS				
1979	2.6	-	-	-
1980	3.2	-	-	-
1981	3.8	-	-	-
NONDURABLE GOODS				
1979	1.0	-	-	-
1980	1.0	-	-	-
1981	1.0	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1979	2.4	-	-	-
1980	2.6	-	-	-
1981	2.8	-	-	-
WHOLESALE AND RETAIL TRADE				
1979	8.7	-	-	-
1980	9.5	-	-	-
1981	11.2	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1979	2.1	-	-	-
1980	2.2	-	-	-
1981	2.5	-	-	-
SERVICES				
1979	5.4	-	-	-
1980	6.2	-	-	-
1981	7.3	-	-	-
GOVERNMENT				
1979	4.4	-	-	-
1980	4.5	-	-	-
1981	4.5	-	-	-
ODESSA				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1979	49.3	-	-	-
1980	53.1	-	-	-
1981	58.6	-	-	-
MINING				
1979	7.6	-	-	-
1980	8.1	-	-	-
1981	9.3	-	-	-
CONSTRUCTION				
1979	4.3	-	-	-
1980	4.6	-	-	-
1981	5.1	-	-	-
MANUFACTURING				
1979	6.9	-	-	-
1980	7.5	-	-	-
1981	8.8	-	-	-
DURABLE GOODS				
1979	4.3	-	-	-
1980	5.0	-	-	-
1981	6.3	-	-	-
NONDURABLE GOODS				
1979	2.6	-	-	-
1980	2.5	-	-	-
1981	2.5	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1979	2.4	-	-	-
1980	2.5	-	-	-
1981	2.7	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
ODESSA (Con.)				
WHOLESALE AND RETAIL TRADE				
1979	14.2	-	-	-
1980	15.3	-	-	-
1981	16.4	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1979	1.7	-	-	-
1980	1.8	-	-	-
1981	1.9	-	-	-
SERVICES				
1979	6.2	-	-	-
1980	6.9	-	-	-
1981	8.0	-	-	-
GOVERNMENT				
1979	6.0	-	-	-
1980	6.4	-	-	-
1981	6.4	-	-	-
SAN ANGELO				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1979	33.8	-	-	-
1980	35.1	-	-	-
1981	36.7	-	-	-
MINING				
1979	.7	-	-	-
1980	.8	-	-	-
1981	.9	-	-	-
CONSTRUCTION				
1979	2.2	-	-	-
1980	2.1	-	-	-
1981	2.2	-	-	-
MANUFACTURING				
1979	6.2	-	-	-
1980	6.4	205.59	41.2	4.99
1981	6.2	222.48	39.8	5.59
DURABLE GOODS				
1979	3.5	-	-	-
1980	3.6	216.81	40.3	5.38
1981	3.7	234.02	39.8	5.88
MACHINERY — SIC 35,36				
1979	.8	-	-	-
1980	.9	-	-	-
1981	.9	-	-	-
OTHER DURABLE GOODS				
1979	2.5	-	-	-
1980	2.7	-	-	-
1981	2.8	-	-	-
NONDURABLE GOODS				
1979	2.7	-	-	-
1980	2.8	191.65	42.4	4.52
1981	2.2	206.28	39.9	5.17
FOOD AND KINDRED PRODUCTS — SIC 20				
1979	.9	-	-	-
1980	1.0	-	-	-
1981	.9	-	-	-
PRINTING AND PUBLISHING — SIC 27				
1979	.5	-	-	-
1980	.5	-	-	-
1981	.5	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1979	3.1	-	-	-
1980	3.3	-	-	-
1981	3.6	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
SAN ANGELO (Con.)				
TRUCKING AND WAREHOUSING — SIC 42				
1979	0.4	-	-	-
1980	.4	-	-	-
1981	.3	-	-	-
WHOLESALE AND RETAIL TRADE				
1979	8.0	-	-	-
1980	8.3	-	-	-
1981	9.0	-	-	-
WHOLESALE TRADE - DURABLE GOODS — SIC 50				
1979	.8	-	-	-
1980	.7	-	-	-
1981	.8	-	-	-
WHOLESALE TRADE - NONDURABLE GOODS — SIC 51				
1979	.6	-	-	-
1980	.6	-	-	-
1981	.6	-	-	-
RETAIL TRADE — SIC 52-59				
1979	6.6	-	-	-
1980	7.0	-	-	-
1981	7.6	-	-	-
GENERAL MERCHANDISE STORES — SIC 53				
1979	.9	-	-	-
1980	1.0	-	-	-
1981	1.1	-	-	-
FOOD STORES — SIC 54				
1979	1.0	-	-	-
1980	1.0	-	-	-
1981	1.2	-	-	-
AUTOMOTIVE DEALERS AND SERVICE STATIONS — SIC 55				
1979	1.1	-	-	-
1980	1.0	-	-	-
1981	1.1	-	-	-
MISCELLANEOUS RETAIL — SIC 59				
1979	.7	-	-	-
1980	.8	-	-	-
1981	.9	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1979	1.3	-	-	-
1980	1.4	-	-	-
1981	1.5	-	-	-
BANKING — SIC 60				
1979	.5	-	-	-
1980	.5	-	-	-
1981	.6	-	-	-
CREDIT AGENCIES OTHER THAN BANKS — SIC 61				
1979	.3	-	-	-
1980	.3	-	-	-
1981	.3	-	-	-
INSURANCE CARRIERS, AGENTS AND BROKERS — SIC 63,64				
1979	.2	-	-	-
1980	.2	-	-	-
1981	.3	-	-	-
SERVICES				
1979	6.3	-	-	-
1980	6.5	-	-	-
1981	6.9	-	-	-
HOTELS AND OTHER LODGING PLACES — SIC 70				
1979	.4	-	-	-
1980	.3	-	-	-
1981	.3	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
SAN ANGELO (Con.)				
PERSONAL SERVICES — SIC 72				
1979	0.4	-	-	-
1980	.4	-	-	-
1981	.5	-	-	-
HEALTH SERVICES — SIC 80				
1979	2.5	-	-	-
1980	2.7	-	-	-
1981	2.8	-	-	-
GOVERNMENT				
1979	6.0	-	-	-
1980	6.3	-	-	-
1981	6.4	-	-	-
FEDERAL GOVERNMENT				
1979	.7	-	-	-
1980	.8	-	-	-
1981	.8	-	-	-
STATE GOVERNMENT				
1979	2.1	-	-	-
1980	2.3	-	-	-
1981	2.3	-	-	-
LOCAL GOVERNMENT				
1979	3.2	-	-	-
1980	3.2	-	-	-
1981	3.3	-	-	-
SAN ANTONIO				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	344.9	-	-	-
1978	365.3	-	-	-
1979	382.1	-	-	-
1980	398.6	-	-	-
1981	410.0	-	-	-
MINING				
1977	1.8	-	-	-
1978	1.9	-	-	-
1979	2.1	-	-	-
1980	2.5	-	-	-
1981	3.2	-	-	-
CONSTRUCTION				
1977	20.9	-	-	-
1978	23.7	-	-	-
1979	25.8	-	-	-
1980	27.0	-	-	-
1981	27.1	-	-	-
MANUFACTURING				
1977	42.3	170.15	41.0	4.15
1978	46.3	175.72	39.4	4.46
1979	48.2	190.40	40.0	4.76
1980	50.8	212.18	41.2	5.15
1981	52.1	236.06	40.7	5.80
DURABLE GOODS				
1977	19.9	180.19	42.7	4.22
1978	22.5	173.41	39.5	4.39
1979	24.2	197.15	40.4	4.88
1980	25.2	227.39	41.8	5.44
1981	26.4	254.00	41.1	6.18
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	1.4	-	-	-
1978	1.6	-	-	-
1979	1.6	-	-	-
1980	1.4	-	-	-
1981	1.5	-	-	-
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	3.0	-	-	-
1978	3.0	-	-	-
1979	3.4	-	-	-
SAN ANTONIO (Con.)				
STONE, CLAY, AND GLASS PRODUCTS — SIC 32 (Con.)				
1980	3.5	-	-	-
1981	3.7	-	-	-
PRIMARY AND FABRICATED METALS — SIC 33,34				
1977	3.7	-	-	-
1978	3.9	-	-	-
1979	4.5	-	-	-
1980	4.6	-	-	-
1981	4.9	-	-	-
MACHINERY — SIC 35,36				
1977	7.4	-	-	-
1978	8.9	-	-	-
1979	8.9	-	-	-
1980	9.4	-	-	-
1981	9.7	-	-	-
TRANSPORTATION EQUIPMENT — SIC 37				
1977	2.2	-	-	-
1978	2.7	-	-	-
1979	3.4	-	-	-
1980	4.0	-	-	-
1981	4.2	-	-	-
NONDURABLE GOODS				
1977	22.4	161.56	39.5	4.09
1978	23.8	177.64	39.3	4.52
1979	24.0	184.21	39.7	4.64
1980	25.6	196.83	40.5	4.86
1981	25.7	218.43	40.3	5.42
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	9.2	-	-	-
1978	9.2	-	-	-
1979	9.0	-	-	-
1980	9.3	-	-	-
1981	9.3	-	-	-
PRINTING AND PUBLISHING — SIC 27				
1977	3.4	-	-	-
1978	3.6	-	-	-
1979	3.7	-	-	-
1980	3.8	-	-	-
1981	4.0	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	15.0	-	-	-
1978	15.9	-	-	-
1979	17.6	-	-	-
1980	18.4	-	-	-
1981	18.9	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	87.8	-	-	-
1978	92.1	-	-	-
1979	96.9	-	-	-
1980	100.0	-	-	-
1981	103.5	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	22.8	-	-	-
1978	24.0	-	-	-
1979	25.1	-	-	-
1980	26.5	-	-	-
1981	27.3	-	-	-
BANKING — SIC 60				
1977	5.0	-	-	-
1978	5.2	-	-	-
1979	5.6	-	-	-
1980	5.6	-	-	-
1981	5.9	-	-	-
SERVICES				
1977	64.5	-	-	-
1978	69.2	-	-	-
1979	74.2	-	-	-
SAN ANTONIO (Con.)				
SERVICES (Con.)				
1980	80.2	-	-	-
1981	84.3	-	-	-
GOVERNMENT				
1977	89.8	-	-	-
1978	92.2	-	-	-
1979	92.2	-	-	-
1980	93.2	-	-	-
1981	93.6	-	-	-
FEDERAL GOVERNMENT				
1977	37.9	-	-	-
1978	36.9	-	-	-
1979	35.5	-	-	-
1980	35.7	-	-	-
1981	36.1	-	-	-
SHERMAN-DENISON				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1979	37.0	-	-	-
1980	36.8	-	-	-
1981	37.1	-	-	-
MINING				
1979	.2	-	-	-
1980	.2	-	-	-
1981	.3	-	-	-
CONSTRUCTION				
1979	2.4	-	-	-
1980	1.7	-	-	-
1981	1.5	-	-	-
MANUFACTURING				
1979	13.6	-	-	-
1980	13.5	257.35	40.4	6.37
1981	13.0	285.12	39.6	7.20
DURABLE GOODS				
1979	9.0	-	-	-
1980	8.9	263.21	39.7	6.63
1981	8.5	294.39	39.2	7.51
FABRICATED METAL PRODUCTS — SIC 34				
1979	.7	-	-	-
1980	.9	-	-	-
1981	.9	-	-	-
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1979	.9	-	-	-
1980	.8	-	-	-
1981	.8	-	-	-
OTHER DURABLE GOODS				
1979	7.4	-	-	-
1980	7.2	-	-	-
1981	6.8	-	-	-
NONDURABLE GOODS				
1979	4.6	-	-	-
1980	4.6	246.93	41.5	5.95
1981	4.5	268.54	40.2	6.68
FOOD AND KINDRED PRODUCTS — SIC 20				
1979	2.3	-	-	-
1980	2.3	-	-	-
1981	2.3	-	-	-
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1979	1.2	-	-	-
1980	1.2	-	-	-
1981	1.1	-	-	-

See footnotes at end of tables.

TEXAS

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
SHERMAN-DENISON (Con.)				
OTHER NONDURABLE GOODS				
1979	1.1	-	-	-
1980	1.1	-	-	-
1981	1.1	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1979	2.2	-	-	-
1980	2.3	-	-	-
1981	2.5	-	-	-
TRANSPORTATION — SIC 40-42,44-47				
1979	1.1	-	-	-
1980	1.2	-	-	-
1981	1.3	-	-	-
COMMUNICATION — SIC 48				
1979	.6	-	-	-
1980	.6	-	-	-
1981	.7	-	-	-
ELECTRIC, GAS, AND SANITARY SERVICES — SIC 49				
1979	.5	-	-	-
1980	.5	-	-	-
1981	.5	-	-	-
WHOLESALE AND RETAIL TRADE				
1979	7.1	-	-	-
1980	7.3	-	-	-
1981	7.3	-	-	-
WHOLESALE TRADE — SIC 50,51				
1979	1.1	-	-	-
1980	1.3	-	-	-
1981	1.3	-	-	-
RETAIL TRADE — SIC 52-59				
1979	6.0	-	-	-
1980	6.0	-	-	-
1981	6.0	-	-	-
AUTOMOTIVE DEALERS AND SERVICE STATIONS — SIC 55				
1979	.9	-	-	-
1980	.8	-	-	-
1981	.8	-	-	-
EATING AND DRINKING PLACES — SIC 58				
1979	1.5	-	-	-
1980	1.5	-	-	-
1981	1.6	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1979	1.2	-	-	-
1980	1.2	-	-	-
1981	1.3	-	-	-
BANKING — SIC 60				
1979	.5	-	-	-
1980	.5	-	-	-
1981	.6	-	-	-
SERVICES				
1979	5.4	-	-	-
1980	5.6	-	-	-
1981	6.1	-	-	-
AGRICULTURAL SERVICES, HOTELS, PERSONAL, BUSINESS, AND REPAIR SERVICES, AND AMUSEMENTS — SIC 074,5,8, 70,72,73,75,76,78,79				
1979	1.4	-	-	-
1980	1.4	-	-	-
1981	1.5	-	-	-
HEALTH, LEGAL, EDUCATIONAL, AND SOCIAL SERVICES, MUSEUMS, MEMBERSHIP ORGANIZATIONS, AND MISCELLANEOUS SERVICES — SIC 80-84,86,89				
1979	4.0	-	-	-
SHERMAN-DENISON (Con.)				
HEALTH, LEGAL, EDUCATIONAL, AND SOCIAL SERVICES, MUSEUMS, MEMBERSHIP ORGANIZATIONS, AND MISCELLANEOUS SERVICES — SIC 80-84,86,89 (Con.)				
1980	4.2	-	-	-
1981	4.6	-	-	-
GOVERNMENT				
1979	4.9	-	-	-
1980	5.0	-	-	-
1981	5.1	-	-	-
FEDERAL GOVERNMENT				
1979	.3	-	-	-
1980	.4	-	-	-
1981	.3	-	-	-
STATE GOVERNMENT				
1979	.3	-	-	-
1980	.2	-	-	-
1981	.2	-	-	-
LOCAL GOVERNMENT				
1979	4.3	-	-	-
1980	4.4	-	-	-
1981	4.6	-	-	-
WACO				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	63.4	-	-	-
1978	66.0	-	-	-
1979	69.1	-	-	-
1980	71.2	-	-	-
1981	71.7	-	-	-
CONSTRUCTION				
1977	3.2	-	-	-
1978	3.4	-	-	-
1979	3.6	-	-	-
1980	3.6	-	-	-
1981	3.2	-	-	-
MANUFACTURING				
1977	15.0	184.01	40.8	4.51
1978	15.9	206.96	40.5	5.11
1979	16.7	224.64	39.9	5.63
1980	16.5	245.78	39.9	6.16
1981	16.7	268.37	40.6	6.61
DURABLE GOODS				
1977	7.4	188.68	42.4	4.45
1978	8.1	210.43	41.1	5.12
1979	8.8	235.46	41.6	5.66
1980	8.7	254.40	40.9	6.22
1981	8.5	268.77	40.6	6.62
NONDURABLE GOODS				
1977	7.6	179.66	39.4	4.56
1978	7.8	203.49	39.9	5.10
1979	7.9	213.54	38.2	5.59
1980	7.8	234.08	38.5	6.08
1981	8.2	266.64	40.4	6.60
TRANSPORTATION AND PUBLIC UTILITIES				
1977	3.1	-	-	-
1978	3.1	-	-	-
1979	3.2	-	-	-
1980	3.5	-	-	-
1981	3.4	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	14.7	-	-	-
1978	15.4	-	-	-
1979	16.1	-	-	-
1980	17.1	-	-	-
1981	17.3	-	-	-
WACO (Con.)				
FINANCE, INSURANCE, AND REAL ESTATE				
1977	3.6	-	-	-
1978	3.8	-	-	-
1979	4.0	-	-	-
1980	4.1	-	-	-
1981	4.3	-	-	-
SERVICES AND MINING				
1977	12.8	-	-	-
1978	13.2	-	-	-
1979	14.2	-	-	-
1980	15.0	-	-	-
1981	15.6	-	-	-
GOVERNMENT				
1977	11.0	-	-	-
1978	11.2	-	-	-
1979	11.3	-	-	-
1980	11.4	-	-	-
1981	11.2	-	-	-
WICHITA FALLS				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	47.5	-	-	-
1978	49.8	-	-	-
1979	51.1	-	-	-
1980	53.0	-	-	-
1981	55.0	-	-	-
MINING				
1977	2.5	-	-	-
1978	2.7	-	-	-
1979	2.8	-	-	-
1980	3.3	-	-	-
1981	3.8	-	-	-
CONSTRUCTION				
1977	2.4	-	-	-
1978	2.4	-	-	-
1979	2.9	-	-	-
1980	2.6	-	-	-
1981	2.5	-	-	-
MANUFACTURING				
1977	8.1	191.39	39.3	4.87
1978	9.1	213.06	40.2	5.30
1979	9.4	235.20	40.0	5.88
1980	9.7	264.26	40.1	6.59
1981	10.8	295.10	41.1	7.18
DURABLE GOODS				
1977	5.8	208.17	40.5	5.14
1978	6.7	226.87	41.1	5.52
1979	7.0	251.10	40.5	6.20
1980	7.4	281.36	40.6	6.93
1981	8.5	313.50	41.8	7.50
NONDURABLE GOODS				
1977	2.3	152.21	36.5	4.17
1978	2.4	174.00	37.5	4.64
1979	2.4	187.60	38.6	4.86
1980	2.3	211.75	38.5	5.50
1981	2.3	230.06	38.6	5.96
TRANSPORTATION AND PUBLIC UTILITIES				
1977	2.3	-	-	-
1978	2.4	-	-	-
1979	2.4	-	-	-
1980	2.7	-	-	-
1981	2.8	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	12.0	-	-	-
1978	12.5	-	-	-
1979	12.6	-	-	-
1980	13.0	-	-	-
1981	13.1	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
WICHITA FALLS (Con.)				
WHOLESALE TRADE — SIC 50,51				
1977	2.1	-	-	-
1978	2.2	-	-	-
1979	2.3	-	-	-
1980	2.4	-	-	-
1981	2.5	-	-	-
RETAIL TRADE — SIC 52-59				
1977	9.9	-	-	-
1978	10.3	-	-	-
1979	10.3	-	-	-
1980	10.6	-	-	-
1981	10.6	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	2.1	-	-	-
1978	2.2	-	-	-
1979	2.3	-	-	-
1980	2.4	-	-	-
1981	2.4	-	-	-
SERVICES				
1977	7.2	-	-	-
1978	7.4	-	-	-
1979	7.8	-	-	-
1980	8.3	-	-	-
1981	8.7	-	-	-
GOVERNMENT				
1977	10.9	-	-	-
1978	11.1	-	-	-
1979	10.9	-	-	-
1980	11.0	-	-	-
1981	10.9	-	-	-

See footnotes at end of tables.

UTAH

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	488.7	-	-	-
1978	525.4	-	-	-
1979	548.4	-	-	-
1980	550.8	-	-	-
1981	557.8	-	-	-
MINING				
1977	14.9	322.80	42.8	7.54
1978	15.9	357.41	42.6	8.39
1979	17.7	385.73	41.7	9.25
1980	18.5	414.51	41.0	10.11
1981	20.2	474.56	42.6	11.14
METAL MINING — SIC 10				
1977	8.0	322.19	42.6	7.56
1978	8.4	363.69	43.4	8.38
1979	9.0	380.14	41.5	9.16
1980	8.4	393.22	39.8	9.88
1981	8.7	447.70	39.1	11.45
BITUMINOUS COAL AND LIGNITE MINING — SIC 12				
1977	3.1	341.56	41.0	8.33
1978	3.2	376.32	39.2	9.60
1979	4.2	411.09	38.6	10.65
1980	4.5	437.41	37.1	11.79
1981	4.6	489.72	37.7	12.99
CONSTRUCTION				
1977	31.8	-	-	-
1978	34.7	-	-	-
1979	35.6	-	-	-
1980	31.5	-	-	-
1981	28.3	-	-	-
MANUFACTURING				
1977	74.5	207.15	40.0	5.18
1978	80.3	224.36	39.5	5.68
1979	86.8	245.31	39.0	6.29
1980	87.7	274.48	39.1	7.02
1981	89.5	307.65	39.8	7.73
DURABLE GOODS				
1977	47.0	231.95	41.7	5.56
1978	51.7	245.40	40.9	6.00
1979	58.4	263.06	40.1	6.56
1980	60.1	289.92	40.1	7.23
1981	61.7	326.81	40.8	8.01
PRIMARY METAL INDUSTRIES — SIC 33				
1977	8.0	380.20	42.2	9.01
1978	8.3	404.16	42.1	9.60
1979	8.4	451.44	41.8	10.80
1980	8.0	480.78	40.3	11.93
1981	8.7	520.99	40.2	12.96
FABRICATED METAL PRODUCTS, AND MACHINERY, EXCEPT ELECTRICAL — SIC 34,35				
1977	14.5	203.05	40.9	4.96
1978	15.3	216.82	41.3	5.25
1979	17.3	237.22	41.4	5.73
1980	18.1	268.62	41.2	6.52
1981	19.3	292.01	40.5	7.21
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	3.7	-	-	-
1978	5.0	-	-	-
1979	6.1	-	-	-
STATEWIDE (Con.)				
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36 (Con.)				
1980	7.5	-	-	-
1981	7.9	-	-	-
TRANSPORTATION EQUIPMENT — SIC 37				
1977	6.4	263.17	42.2	6.24
1978	7.3	272.21	42.4	6.42
1979	8.7	286.96	42.2	6.80
1980	9.3	335.38	42.4	7.91
1981	9.4	389.48	42.8	9.10
NONDURABLE GOODS				
1977	27.6	168.56	37.4	4.51
1978	28.5	187.22	37.0	5.06
1979	28.4	210.33	36.9	5.70
1980	27.6	240.96	36.9	6.53
1981	27.8	265.17	37.4	7.09
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	9.1	174.37	38.3	4.55
1978	9.1	197.36	38.1	5.18
1979	9.1	226.98	39.0	5.82
1980	8.9	245.24	38.2	6.42
1981	9.0	273.46	38.3	7.14
TEXTILES, AND APPAREL — SIC 22,23				
1977	7.3	-	-	-
1978	7.7	-	-	-
1979	6.9	-	-	-
1980	6.4	-	-	-
1981	6.3	-	-	-
CHEMICALS, AND PETROLEUM — SIC 28,29				
1977	3.9	235.47	42.2	5.58
1978	4.0	258.34	41.4	6.24
1979	4.2	297.56	41.1	7.24
1980	4.1	349.73	41.0	8.53
1981	4.2	371.79	40.5	9.18
TRANSPORTATION AND PUBLIC UTILITIES				
1977	29.2	-	-	-
1978	31.7	-	-	-
1979	33.6	-	-	-
1980	34.1	-	-	-
1981	34.5	-	-	-
RAILROAD TRANSPORTATION — SIC 40				
1977	4.7	-	-	-
1978	5.0	-	-	-
1979	5.1	-	-	-
1980	4.8	-	-	-
1981	4.7	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	117.8	-	-	-
1978	126.8	-	-	-
1979	129.3	-	-	-
1980	128.7	-	-	-
1981	130.2	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	28.7	-	-	-
1978	31.2	-	-	-
1979	33.3	-	-	-
1980	34.1	-	-	-
1981	35.3	-	-	-
STATEWIDE (Con.)				
RETAIL TRADE — SIC 52-59				
1977	89.1	-	-	-
1978	92.3	-	-	-
1979	96.0	-	-	-
1980	94.6	-	-	-
1981	94.9	-	-	-
BUILDING MATERIALS AND GARDEN SUPPLIES — SIC 52				
1977	4.7	-	-	-
1978	5.3	-	-	-
1979	5.4	-	-	-
1980	5.1	-	-	-
1981	4.9	-	-	-
GENERAL MERCHANDISE, APPAREL, FURNITURE, AND MISCELLANEOUS RETAIL STORES — SIC 53,56,57,59				
1977	33.2	-	-	-
1978	35.2	-	-	-
1979	35.3	-	-	-
1980	35.1	-	-	-
1981	35.3	-	-	-
FOOD STORES — SIC 54				
1977	13.1	-	-	-
1978	14.0	-	-	-
1979	14.6	-	-	-
1980	15.5	-	-	-
1981	15.8	-	-	-
AUTOMOTIVE DEALERS AND SERVICE STATIONS — SIC 55				
1977	12.1	-	-	-
1978	12.7	-	-	-
1979	12.5	-	-	-
1980	11.6	-	-	-
1981	11.2	-	-	-
EATING AND DRINKING PLACES — SIC 58				
1977	25.9	-	-	-
1978	28.5	-	-	-
1979	28.1	-	-	-
1980	27.3	-	-	-
1981	27.8	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	22.3	-	-	-
1978	24.3	-	-	-
1979	25.8	-	-	-
1980	25.8	-	-	-
1981	26.3	-	-	-
SERVICES INDUSTRIES				
1977	82.3	-	-	-
1978	90.9	-	-	-
1979	96.3	-	-	-
1980	99.4	-	-	-
1981	103.8	-	-	-
HOTELS AND OTHER LODGING PLACES — SIC 70				
1977	6.3	-	-	-
1978	6.9	-	-	-
1979	7.2	-	-	-
1980	7.0	-	-	-
1981	7.3	-	-	-
PERSONAL, BUSINESS, AND REPAIR SERVICES, AND AMUSEMENTS — SIC 72,73,75,76,78,79				
1977	26.4	-	-	-
1978	29.0	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
PERSONAL, BUSINESS, AND REPAIR SERVICES, AND AMUSEMENTS — SIC 72,73,75,76,78,79 (Con.)				
1979	30.8	-	-	-
1980	31.3	-	-	-
1981	32.3	-	-	-
HEALTH SERVICES — SIC 80				
1977	21.5	-	-	-
1978	23.5	-	-	-
1979	25.4	-	-	-
1980	27.1	-	-	-
1981	28.8	-	-	-
EDUCATIONAL SERVICES, SOCIAL SERVICES, MUSEUMS, AND MEMBERSHIP ORGANIZATIONS — SIC 82-84,86				
1977	22.2	-	-	-
1978	24.4	-	-	-
1979	25.4	-	-	-
1980	26.3	-	-	-
1981	26.9	-	-	-
GOVERNMENT				
1977	115.8	-	-	-
1978	121.0	-	-	-
1979	123.2	-	-	-
1980	125.0	-	-	-
1981	125.0	-	-	-
FEDERAL GOVERNMENT				
1977	36.7	-	-	-
1978	36.9	-	-	-
1979	36.6	-	-	-
1980	37.1	-	-	-
1981	37.1	-	-	-
U. S. DEPARTMENT OF DEFENSE				
1977	21.8	-	-	-
1978	21.5	-	-	-
1979	21.1	-	-	-
1980	20.8	-	-	-
1981	21.5	-	-	-
STATE GOVERNMENT				
1977	30.6	-	-	-
1978	31.8	-	-	-
1979	31.5	-	-	-
1980	32.3	-	-	-
1981	32.0	-	-	-
STATE EDUCATION — SIC 82,941				
1977	16.9	-	-	-
1978	17.7	-	-	-
1979	17.5	-	-	-
1980	17.6	-	-	-
1981	17.6	-	-	-
LOCAL GOVERNMENT				
1977	48.6	-	-	-
1978	52.3	-	-	-
1979	55.1	-	-	-
1980	55.7	-	-	-
1981	55.8	-	-	-
LOCAL EDUCATION — SIC 82,941				
1977	30.5	-	-	-
1978	31.6	-	-	-
1979	33.0	-	-	-
1980	33.9	-	-	-
1981	34.2	-	-	-
SALT LAKE CITY-OGDEN				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	349.2	-	-	-
1978	374.2	-	-	-
1979	388.7	-	-	-
1980	389.5	-	-	-
1981	392.7	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
SALT LAKE CITY-OGDEN (Con.)				
MINING				
1977	6.4	341.22	43.9	7.77
1978	7.0	373.01	44.3	8.42
1979	7.5	383.24	42.3	9.06
1980	7.1	401.53	40.6	9.89
1981	8.0	446.40	40.0	11.16
CONSTRUCTION				
1977	22.0	-	-	-
1978	23.9	-	-	-
1979	24.3	-	-	-
1980	21.6	-	-	-
1981	18.8	-	-	-
MANUFACTURING				
1977	50.0	196.04	39.8	4.93
1978	54.1	216.00	40.0	5.40
1979	58.9	231.08	39.1	5.91
1980	60.1	263.47	39.5	6.67
1981	61.2	297.54	40.1	7.42
DURABLE GOODS				
1977	32.2	204.90	41.1	4.98
1978	35.5	220.83	41.2	5.36
1979	40.3	233.20	40.0	5.83
1980	41.8	261.85	40.1	6.53
1981	43.1	301.67	41.1	7.34
NONDURABLE GOODS				
1977	17.9	180.07	37.5	4.80
1978	18.6	205.09	37.7	5.44
1979	18.5	227.53	37.3	6.10
1980	18.3	267.14	38.0	7.03
1981	18.1	287.66	37.8	7.61
TRANSPORTATION AND PUBLIC UTILITIES				
1977	23.1	-	-	-
1978	25.1	-	-	-
1979	26.6	-	-	-
1980	27.0	-	-	-
1981	27.0	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	87.9	-	-	-
1978	94.3	-	-	-
1979	96.3	-	-	-
1980	95.9	-	-	-
1981	97.0	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	25.3	-	-	-
1978	27.2	-	-	-
1979	28.9	-	-	-
1980	29.3	-	-	-
1981	30.3	-	-	-
RETAIL TRADE — SIC 52-59				
1977	62.6	-	-	-
1978	67.1	-	-	-
1979	67.4	-	-	-
1980	66.6	-	-	-
1981	66.7	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	18.4	-	-	-
1978	19.8	-	-	-
1979	20.8	-	-	-
1980	20.8	-	-	-
1981	21.2	-	-	-
SERVICES INDUSTRIES				
1977	56.6	-	-	-
1978	62.7	-	-	-
1979	66.5	-	-	-
1980	68.2	-	-	-
1981	70.7	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
SALT LAKE CITY-OGDEN (Con.)				
GOVERNMENT				
1977	84.7	-	-	-
1978	87.3	-	-	-
1979	87.8	-	-	-
1980	88.8	-	-	-
1981	88.9	-	-	-

See footnotes at end of tables.

VERMONT

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	178.4	–	–	–
1978	190.6	–	–	–
1979	197.9	–	–	–
1980	200.1	–	–	–
1981	202.1	–	–	–
MINING				
1977	.7	–	–	–
1978	.7	–	–	–
1979	.8	–	–	–
1980	.7	–	–	–
1981	.6	–	–	–
CONSTRUCTION				
1977	8.2	–	–	–
1978	10.0	–	–	–
1979	10.3	–	–	–
1980	10.1	–	–	–
1981	10.7	–	–	–
MANUFACTURING				
1977	43.4	191.76	40.8	4.70
1978	47.7	209.10	41.0	5.10
1979	50.8	225.62	40.8	5.53
1980	50.9	249.28	40.6	6.14
1981	50.8	271.60	40.0	6.79
DURABLE GOODS				
1977	29.2	199.13	41.4	4.81
1978	32.6	218.40	41.6	5.25
1979	35.3	235.98	41.4	5.70
1980	35.8	263.91	41.3	6.39
1981	36.2	284.90	40.7	7.00
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	3.6	152.72	41.5	3.68
1978	4.0	161.57	40.8	3.96
1979	4.2	176.14	40.4	4.36
1980	3.7	195.29	40.1	4.87
1981	3.6	209.09	39.6	5.28
FURNITURE AND FIXTURES — SIC 25				
1977	2.5	152.36	40.2	3.79
1978	2.8	169.33	41.3	4.10
1979	2.8	186.22	41.2	4.52
1980	2.7	200.97	40.6	4.95
1981	2.3	217.01	39.6	5.48
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	2.4	218.01	43.0	5.07
1978	2.4	238.27	43.4	5.49
1979	2.5	256.96	43.7	5.88
1980	2.3	272.62	43.0	6.34
1981	2.3	311.69	44.4	7.02
FABRICATED METAL PRODUCTS — SIC 34				
1980	3.7	297.75	40.9	7.28
1981	3.9	325.10	41.1	7.91
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	5.8	234.22	41.9	5.59
1978	6.3	258.22	42.4	6.09
1979	6.9	279.07	43.0	6.49
1980	7.3	301.60	42.3	7.13
1981	7.3	320.62	41.0	7.82

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	10.5	–	–	–
1978	12.0	–	–	–
1979	13.0	–	–	–
1980	[1] 11.2	273.19	41.9	6.52
1981	12.2	285.64	41.1	6.95
NONDURABLE GOODS				
1977	14.2	179.10	39.8	4.50
1978	15.1	193.20	40.0	4.83
1979	15.5	206.44	39.7	5.20
1980	15.1	222.04	39.3	5.65
1981	14.6	243.84	38.4	6.35
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	2.4	191.65	42.4	4.52
1978	2.5	204.53	42.7	4.79
1979	2.5	218.60	42.2	5.18
1980	2.4	239.88	43.3	5.54
1981	2.3	252.41	43.0	5.87
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	1.5	114.55	33.3	3.44
1978	1.6	135.30	35.7	3.79
1979	1.6	143.92	35.8	4.02
1980	1.6	150.08	33.5	4.48
1981	1.6	172.78	33.1	5.22
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	2.5	204.35	41.2	4.96
1978	2.6	231.71	41.6	5.57
1979	2.7	248.24	41.1	6.04
1980	2.7	261.39	40.4	6.47
1981	2.5	294.26	40.2	7.32
PRINTING AND PUBLISHING — SIC 27				
1977	3.6	210.94	39.8	5.30
1978	3.7	231.09	40.4	5.72
1979	3.9	244.82	40.4	6.06
1980	3.9	259.38	39.6	6.55
1981	4.0	264.59	36.8	7.19
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS — SIC 30				
1977	1.5	163.61	40.8	4.01
1978	1.7	167.42	39.3	4.26
1979	1.7	182.36	38.8	4.70
1980	1.6	204.44	38.5	5.31
1981	1.4	249.74	38.6	6.47
TRANSPORTATION AND PUBLIC UTILITIES				
1977	8.4	–	–	–
1978	8.7	–	–	–
1979	9.0	–	–	–
1980	8.7	–	–	–
1981	8.6	–	–	–
TRANSPORTATION — SIC 40-42,44-47				
1977	4.3	–	–	–
1978	4.5	–	–	–
1979	4.7	–	–	–
1980	4.5	–	–	–
1981	4.5	–	–	–
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	4.1	–	–	–
1978	4.2	–	–	–

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49 (Con.)				
1979	4.3	–	–	–
1980	4.2	–	–	–
1981	4.1	–	–	–
WHOLESALE AND RETAIL TRADE				
1977	36.3	–	–	–
1978	39.3	–	–	–
1979	41.0	–	–	–
1980	40.8	–	–	–
1981	42.1	–	–	–
WHOLESALE TRADE — SIC 50,51				
1977	6.7	–	–	–
1978	7.4	–	–	–
1979	7.9	–	–	–
1980	7.5	–	–	–
1981	7.9	–	–	–
RETAIL TRADE — SIC 52-59				
1977	29.6	–	–	–
1978	31.9	–	–	–
1979	33.1	–	–	–
1980	33.3	–	–	–
1981	34.2	–	–	–
FINANCE, INSURANCE, AND REAL ESTATE				
1977	7.0	–	–	–
1978	7.5	–	–	–
1979	7.8	–	–	–
1980	8.0	–	–	–
1981	8.2	–	–	–
SERVICES				
1977	40.1	–	–	–
1978	41.6	–	–	–
1979	42.4	–	–	–
1980	43.9	–	–	–
1981	44.5	–	–	–
GOVERNMENT				
1977	[1] 34.3	–	–	–
1978	35.1	–	–	–
1979	35.8	–	–	–
1980	37.0	–	–	–
1981	36.6	–	–	–
FEDERAL GOVERNMENT				
1977	4.3	–	–	–
1978	4.3	–	–	–
1979	4.3	–	–	–
1980	4.5	–	–	–
1981	4.4	–	–	–
STATE AND LOCAL GOVERNMENT				
1977	[1] 30.0	–	–	–
1978	30.8	–	–	–
1979	31.5	–	–	–
1980	32.5	–	–	–
1981	32.2	–	–	–
BURLINGTON				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	46.6	–	–	–
1978	51.3	–	–	–
1979	55.4	–	–	–

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
BURLINGTON (Con.)				
TOTAL NONAGRICULTURAL EMPLOYMENT (Con.)				
1980	57.2	-	-	-
1981	59.3	-	-	-
MANUFACTURING				
1977	10.8	223.12	42.5	5.25
1978	12.5	239.41	42.6	5.62
1979	14.1	249.30	41.9	5.95
1980	14.6	274.72	42.2	6.51
1981	15.7	299.94	41.6	7.21
DURABLE GOODS				
1977	9.0	242.48	43.3	5.60
1978	10.5	257.31	43.1	5.97
1979	11.6	270.51	42.4	6.38
1980	12.3	308.02	43.2	7.13
1981	13.4	325.43	42.1	7.73
NONDURABLE GOODS				
1977	1.8	-	-	-
1978	2.0	-	-	-
1979	2.5	-	-	-
1980	2.3	-	-	-
1981	2.3	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	2.1	-	-	-
1978	2.2	-	-	-
1979	2.4	-	-	-
1980	2.4	-	-	-
1981	2.4	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	9.8	-	-	-
1978	10.8	-	-	-
1979	12.0	-	-	-
1980	12.0	-	-	-
1981	12.3	-	-	-
SERVICES INDUSTRIES				
1977	10.0	-	-	-
1978	10.7	-	-	-
1979	11.3	-	-	-
1980	11.9	-	-	-
1981	12.3	-	-	-
CONSTRUCTION, FINANCE, GOVERNMENT, AND MISCELLANEOUS NONMANUFACTURING				
1977	13.9	-	-	-
1978	15.1	-	-	-
1979	15.6	-	-	-
1980	16.3	-	-	-
1981	16.6	-	-	-
SPRINGFIELD				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	13.1	-	-	-
1978	14.1	-	-	-
1979	14.6	-	-	-
1980	14.8	-	-	-
1981	14.6	-	-	-
MANUFACTURING				
1977	5.4	217.01	41.1	5.28
1978	5.8	242.50	42.1	5.76
1979	6.1	266.91	42.3	6.31
1980	6.4	285.76	41.9	6.82
1981	6.2	308.80	40.9	7.55
DURABLE GOODS				
1977	3.9	231.01	41.4	5.58
1978	4.3	259.62	42.7	6.08
1979	4.7	280.57	42.9	6.54
1980	5.0	301.75	42.5	7.10
1981	4.9	325.68	41.7	7.81

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
SPRINGFIELD (Con.)				
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	3.1	247.10	41.6	5.94
1978	3.4	281.44	43.1	6.53
1979	3.7	306.07	43.6	7.02
1980	4.0	328.85	43.1	7.63
1981	4.0	351.12	42.0	8.36
NONDURABLE GOODS				
1977	1.5	168.80	40.0	4.22
1978	1.5	183.08	39.8	4.60
1979	1.4	206.71	39.6	5.22
1980	1.4	227.08	39.7	5.72
1981	1.3	257.74	38.7	6.66
TRANSPORTATION AND PUBLIC UTILITIES				
1977	.7	-	-	-
1978	.7	-	-	-
1979	.7	-	-	-
1980	.7	-	-	-
1981	.6	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	2.1	-	-	-
1978	2.2	-	-	-
1979	2.2	-	-	-
1980	2.1	-	-	-
1981	2.2	-	-	-
SERVICES INDUSTRIES				
1977	2.4	-	-	-
1978	2.6	-	-	-
1979	2.7	-	-	-
1980	2.7	-	-	-
1981	2.6	-	-	-
CONSTRUCTION, FINANCE, GOVERNMENT, AND MISCELLANEOUS NONMANUFACTURING				
1977	2.5	-	-	-
1978	2.8	-	-	-
1979	2.9	-	-	-
1980	2.9	-	-	-
1981	3.0	-	-	-

See footnotes at end of tables.

VIRGIN ISLANDS

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
VIRGIN ISLANDS				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	32.2	-	-	-
1978	33.8	-	-	-
1979	36.1	-	-	-
1980	37.3	-	-	-
1981	37.3	-	-	-
CONSTRUCTION AND MINING				
1977	2.5	-	-	-
1978	2.4	-	-	-
1979	2.8	-	-	-
1980	3.5	-	-	-
1981	3.6	-	-	-
MANUFACTURING				
1977	3.1	-	-	-
1978	2.9	250.31	40.9	6.12
1979	3.2	274.03	40.9	6.70
1980	3.2	295.10	41.1	7.18
1981	3.1	359.55	42.3	8.50
DURABLE GOODS				
1977	.7	-	-	-
1978	.7	129.45	38.3	3.38
1979	.8	141.35	37.1	3.81
1980	.8	154.93	36.8	4.21
1981	.6	187.18	38.2	4.90
INSTRUMENTS AND RELATED PRODUCTS — SIC 38				
1977	.6	-	-	-
1978	.6	125.40	38.0	3.30
1979	.6	128.87	36.2	3.56
1980	.6	138.21	35.9	3.85
1981	.4	159.38	37.5	4.25
NONDURABLE GOODS				
1977	2.4	-	-	-
1978	2.2	293.72	41.9	7.01
1979	2.4	325.63	42.4	7.68
1980	2.4	349.29	42.7	8.18
1981	2.5	414.56	43.5	9.53
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	.2	-	-	-
1978	.2	-	-	-
1979	.2	-	-	-
1980	.3	-	-	-
1981	.3	-	-	-
PRINTING AND PUBLISHING — SIC 27				
1977	.1	-	-	-
1978	.1	-	-	-
1979	.1	-	-	-
1980	.1	-	-	-
1981	.2	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	1.7	-	-	-
1978	1.9	-	-	-
1979	2.0	182.20	40.4	4.51
1980	2.1	207.08	41.5	4.99
1981	2.1	242.31	39.4	6.15
LOCAL AND INTERURBAN PASSENGER TRANSIT — SIC 41				
1977	.2	-	-	-
1978	.2	-	-	-
1979	.2	-	-	-
1980	.2	-	-	-
1981	.2	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
VIRGIN ISLANDS (Con.)				
TRUCKING AND WAREHOUSING — SIC 42				
1977	0.2	-	-	-
1978	.2	-	-	-
1979	.2	-	-	-
1980	.2	-	-	-
1981	.2	-	-	-
WATER TRANSPORTATION — SIC 44				
1978	.3	-	-	-
1979	.3	-	-	-
1980	.2	-	-	-
1981	.3	-	-	-
TRANSPORTATION BY AIR — SIC 45				
1977	.4	-	-	-
1978	.5	-	-	-
1979	.6	-	-	-
1980	.7	-	-	-
1981	.5	-	-	-
COMMUNICATION — SIC 48				
1977	.6	-	-	-
1978	.6	-	-	-
1979	.6	-	-	-
1980	.7	-	-	-
1981	.8	-	-	-
WHOLESALE AND RETAIL TRADE				
1978	6.8	-	-	-
1979	7.2	-	-	-
1980	7.5	-	-	-
1981	7.6	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	.7	-	-	-
1978	.6	-	-	-
1979	.6	-	-	-
1980	.8	-	-	-
1981	.9	-	-	-
RETAIL TRADE — SIC 52-59				
1977	5.8	-	-	-
1978	6.2	-	-	-
1979	6.6	-	-	-
1980	6.7	-	-	-
1981	6.7	-	-	-
BUILDING MATERIALS AND GARDEN SUPPLIES — SIC 52				
1977	.2	-	-	-
1978	.2	-	-	-
1979	.2	-	-	-
1980	.2	-	-	-
1981	.3	-	-	-
GENERAL MERCHANDISE STORES — SIC 53				
1977	.3	-	-	-
1978	.3	-	-	-
1979	.3	-	-	-
1980	.3	-	-	-
1981	.3	-	-	-
FOOD STORES — SIC 54				
1977	.9	-	-	-
1978	.9	-	-	-
1979	.9	-	-	-
1980	1.1	-	-	-
1981	1.1	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
VIRGIN ISLANDS (Con.)				
AUTOMOTIVE DEALERS AND SERVICE STATIONS — SIC 55				
1977	0.5	-	-	-
1978	.5	-	-	-
1979	.6	-	-	-
1980	.6	-	-	-
1981	.7	-	-	-
APPAREL AND ACCESSORY STORES — SIC 56				
1977	.5	-	-	-
1978	.5	-	-	-
1979	.5	-	-	-
1980	.6	-	-	-
1981	.6	-	-	-
FURNITURE AND HOME FURNISHINGS STORES — SIC 57				
1977	.2	-	-	-
1978	.3	-	-	-
1979	.3	-	-	-
1980	.4	-	-	-
1981	.4	-	-	-
EATING AND DRINKING PLACES — SIC 58				
1977	1.3	-	-	-
1978	1.4	-	-	-
1979	1.6	-	-	-
1980	1.6	-	-	-
1981	1.4	-	-	-
MISCELLANEOUS RETAIL — SIC 59				
1977	1.9	-	-	-
1978	2.1	-	-	-
1979	2.2	-	-	-
1980	2.0	-	-	-
1981	2.1	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	1.4	-	-	-
1978	1.4	-	-	-
1979	1.5	-	-	-
1980	1.6	-	-	-
1981	1.6	-	-	-
BANKING — SIC 60				
1977	.7	-	-	-
1978	.7	-	-	-
1979	.7	154.45	39.4	3.92
1980	.7	171.90	39.7	4.33
1981	.7	192.73	39.1	4.93
REAL ESTATE — SIC 65				
1977	.4	-	-	-
1978	.4	-	-	-
1979	.5	-	-	-
1980	.5	-	-	-
1981	.5	-	-	-
SERVICES				
1977	5.2	-	-	-
1978	5.6	-	-	-
1979	5.9	-	-	-
1980	6.1	-	-	-
1981	5.8	-	-	-
HOTELS AND OTHER LODGING PLACES — SIC 70				
1977	2.5	-	-	-
1978	2.8	-	-	-
1979	3.0	128.16	35.6	3.60
1980	3.0	132.19	31.4	4.21
1981	2.7	140.67	31.4	4.48

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
VIRGIN ISLANDS (Con.)				
PERSONAL SERVICES — SIC 72				
1977	0.2	-	-	-
1978	.2	-	-	-
1979	.2	-	-	-
1980	.2	-	-	-
1981	.2	-	-	-
BUSINESS SERVICES — SIC 73				
1977	.7	-	-	-
1978	.5	-	-	-
1979	.6	-	-	-
1980	.6	-	-	-
1981	.7	-	-	-
AUTO REPAIR, SERVICES, AND GARAGES — SIC 75				
1977	.2	-	-	-
1978	.2	-	-	-
1979	.2	-	-	-
1980	.2	-	-	-
1981	.2	-	-	-
AMUSEMENTS, INCLUDING MOTION PICTURES — SIC 78,79				
1977	.2	-	-	-
1978	.2	-	-	-
1979	.3	-	-	-
1980	.3	-	-	-
1981	.3	-	-	-
EDUCATIONAL SERVICES — SIC 82				
1977	.5	-	-	-
1978	.5	-	-	-
1979	.5	-	-	-
1980	.6	-	-	-
1981	.6	-	-	-
GOVERNMENT				
1977	11.9	-	-	-
1978	12.8	-	-	-
1979	13.5	-	-	-
1980	13.4	-	-	-
1981	13.7	-	-	-
FEDERAL GOVERNMENT				
1977	.6	-	-	-
1978	.6	-	-	-
1979	.7	-	-	-
1980	.7	-	-	-
1981	.7	-	-	-
STATE GOVERNMENT				
1977	11.3	-	-	-
1978	12.2	-	-	-
1979	12.8	-	-	-
1980	12.8	-	-	-
1981	13.0	-	-	-

See footnotes at end of tables.

VIRGINIA

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	1,930.4	–	–	–
1978	2,033.5	–	–	–
1979	2,115.0	–	–	–
1980	2,157.2	–	–	–
1981	2,160.1	–	–	–
MINING				
1977	22.0	–	–	–
1978	20.5	–	–	–
1979	23.3	–	–	–
1980	22.7	–	–	–
1981	21.4	–	–	–
BITUMINOUS COAL AND LIGNITE MINING — SIC 12				
1977	19.1	–	–	–
1978	17.3	–	–	–
1979	19.9	–	–	–
1980	19.4	–	–	–
1981	18.5	–	–	–
CONSTRUCTION				
1977	119.0	–	–	–
1978	130.2	–	–	–
1979	138.4	–	–	–
1980	128.3	–	–	–
1981	115.7	–	–	–
MANUFACTURING				
1977	400.8	187.13	39.9	4.69
1978	409.4	203.38	39.8	5.11
1979	413.8	221.53	39.7	5.58
1980	413.8	244.45	39.3	6.22
1981	411.9	269.68	39.6	6.81
DURABLE GOODS				
1977	179.9	199.59	40.9	4.88
1978	187.9	213.56	40.6	5.26
1979	190.8	227.93	40.2	5.67
1980	189.1	248.52	39.7	6.26
1981	188.9	274.72	40.4	6.80
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	22.6	141.98	38.9	3.65
1978	24.0	152.46	38.5	3.96
1979	24.6	165.02	38.2	4.32
1980	22.2	175.41	37.4	4.69
1981	22.1	196.35	38.2	5.14
MILLWORK, PLYWOOD AND STRUCTURAL MEMBERS — SIC 243				
1977	6.1	–	–	–
1978	6.2	–	–	–
1979	6.3	–	–	–
1980	5.5	–	–	–
1981	5.8	–	–	–
WOOD CONTAINERS — SIC 244				
1977	1.6	–	–	–
1978	1.7	–	–	–
1979	2.0	–	–	–
1980	1.8	–	–	–
1981	1.7	–	–	–
WOOD BUILDINGS AND MOBILE HOMES — SIC 245				
1977	2.8	–	–	–
1978	3.1	–	–	–
1979	3.2	–	–	–

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
WOOD BUILDINGS AND MOBILE HOMES — SIC 245 (Con.)				
1980	2.5	–	–	–
1981	2.3	–	–	–
MISCELLANEOUS WOOD PRODUCTS — SIC 249				
1977	2.4	–	–	–
1978	2.2	–	–	–
1979	2.4	–	–	–
1980	2.4	–	–	–
1981	2.3	–	–	–
FURNITURE AND FIXTURES — SIC 25				
1977	26.0	132.38	39.4	3.36
1978	27.8	146.07	39.8	3.67
1979	27.3	156.02	39.2	3.98
1980	25.8	163.78	38.0	4.31
1981	25.6	177.79	38.4	4.63
HOUSEHOLD, AND OFFICE FURNITURE — SIC 251,2				
1977	24.4	132.05	39.3	3.36
1978	26.2	145.70	39.7	3.67
1979	25.9	154.84	39.1	3.96
1980	24.5	162.11	37.7	4.30
1981	24.2	177.33	38.3	4.63
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	12.7	187.23	41.7	4.49
1978	12.9	206.26	41.5	4.97
1979	13.5	220.70	41.8	5.28
1980	13.0	229.94	40.2	5.72
1981	12.8	252.50	40.4	6.25
GLASS AND GLASS PRODUCTS — SIC 321-3				
1977	1.5	188.54	38.4	4.91
1978	1.5	204.29	39.9	5.12
1979	1.7	233.04	41.1	5.67
1980	2.0	244.40	40.0	6.11
1981	2.1	263.60	40.0	6.59
STRUCTURAL CLAY PRODUCTS — SIC 325				
1977	.9	166.10	42.7	3.89
1978	1.0	178.50	42.1	4.24
1979	1.0	193.87	40.9	4.74
1980	.8	200.04	39.3	5.09
1981	.7	219.63	38.6	5.69
CONCRETE, GYPSUM, AND PLASTER PRODUCTS — SIC 327				
1977	6.8	–	–	–
1978	7.2	–	–	–
1979	7.5	–	–	–
1980	7.1	–	–	–
1981	6.9	–	–	–
PRIMARY METAL INDUSTRIES — SIC 33				
1977	12.4	274.92	43.5	6.32
1978	13.0	293.76	43.2	6.80
1979	13.6	286.12	40.7	7.03
1980	12.6	306.82	38.4	7.99
1981	11.8	348.60	40.3	8.65
FABRICATED METAL PRODUCTS — SIC 34				
1977	18.0	232.39	42.1	5.52
1978	19.7	238.79	40.2	5.94
1979	20.5	282.31	41.7	6.77
1980	20.3	303.55	40.8	7.44
1981	20.4	331.20	41.4	8.00

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
FABRICATED STRUCTURAL METAL PRODUCTS — SIC 344				
1977	12.2	225.84	41.9	5.39
1978	12.6	233.91	41.4	5.65
1979	13.1	278.63	42.8	6.51
1980	13.1	300.77	41.6	7.23
1981	12.6	318.61	42.2	7.55
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	13.8	207.76	39.8	5.22
1978	14.5	227.53	40.2	5.66
1979	15.1	247.66	40.8	6.07
1980	15.4	265.17	40.3	6.58
1981	15.0	295.40	40.3	7.33
CONSTRUCTION AND RELATED MACHINERY — SIC 353				
1977	4.4	209.79	40.5	5.18
1978	4.7	224.16	40.1	5.59
1979	4.9	248.47	40.8	6.09
1980	5.1	262.64	39.2	6.70
1981	4.8	293.38	39.7	7.39
SPECIAL INDUSTRY MACHINERY — SIC 355				
1977	2.4	224.62	39.2	5.73
1978	2.4	255.22	40.9	6.24
1979	2.3	275.39	41.6	6.62
1980	1.8	291.95	39.4	7.41
1981	1.9	334.46	40.2	8.32
REFRIGERATION AND SERVICE MACHINERY — SIC 358				
1977	2.0	202.36	39.6	5.11
1978	2.1	229.06	41.8	5.48
1979	2.1	245.92	41.4	5.94
1980	1.9	277.10	42.5	6.52
1981	2.0	306.68	43.5	7.05
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	30.9	188.97	39.7	4.76
1978	32.0	201.06	39.5	5.09
1979	33.8	220.87	39.3	5.62
1980	35.2	252.17	39.9	6.32
1981	35.9	280.30	40.1	6.99
COMMUNICATION EQUIPMENT — SIC 366				
1977	8.7	203.41	40.2	5.06
1978	10.4	219.06	39.4	5.49
1979	11.0	238.23	38.8	6.14
1980	10.4	273.20	40.0	6.83
1981	9.9	300.99	39.5	7.62
ELECTRONIC COMPONENTS AND ACCESSORIES — SIC 367				
1977	5.7	–	–	–
1978	5.4	–	–	–
1979	5.5	–	–	–
1980	5.9	–	–	–
1981	5.7	–	–	–
TRANSPORTATION EQUIPMENT — SIC 37				
1977	36.3	–	–	–
1978	36.8	–	–	–
1979	35.4	–	–	–
1980	38.2	–	–	–
1981	38.6	–	–	–
INSTRUMENTS AND RELATED PRODUCTS — SIC 38				
1977	3.4	166.69	39.5	4.22
1978	3.5	182.82	39.4	4.64
1979	3.6	203.94	39.6	5.15
1980	3.7	210.14	39.5	5.32
1981	4.1	187.50	38.5	4.87

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
MISC. MANUFACTURING INDUSTRIES — SIC 39				
1977	3.8	158.69	38.8	4.09
1978	3.7	169.67	38.3	4.43
1979	3.4	186.03	38.2	4.87
1980	2.7	201.32	37.7	5.34
1981	2.7	217.36	38.2	5.69
NONDURABLE GOODS				
1977	220.9	177.97	39.2	4.54
1978	221.5	195.22	39.2	4.98
1979	223.0	215.60	39.2	5.50
1980	224.7	241.64	39.1	6.18
1981	223.0	267.93	39.0	6.87
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	39.4	160.51	38.4	4.18
1978	39.7	173.58	37.9	4.58
1979	40.7	195.07	38.4	5.08
1980	41.0	216.02	37.7	5.73
1981	39.8	240.38	38.4	6.26
MEAT PRODUCTS — SIC 201				
1977	12.1	-	-	-
1978	12.1	-	-	-
1979	13.3	-	-	-
1980	14.0	-	-	-
1981	13.6	-	-	-
DAIRY PRODUCTS — SIC 202				
1977	2.7	-	-	-
1978	2.6	-	-	-
1979	2.5	-	-	-
1980	2.4	-	-	-
1981	2.5	-	-	-
PRESERVED FRUITS AND VEGETABLES — SIC 203				
1977	3.6	-	-	-
1978	4.1	-	-	-
1979	4.3	-	-	-
1980	3.9	-	-	-
1981	3.6	-	-	-
BAKERY PRODUCTS — SIC 205				
1977	5.5	-	-	-
1978	5.3	-	-	-
1979	5.0	-	-	-
1980	4.8	-	-	-
1981	4.7	-	-	-
BEVERAGES — SIC 208				
1977	5.2	-	-	-
1978	5.2	-	-	-
1979	5.5	-	-	-
1980	5.4	-	-	-
1981	5.4	-	-	-
TOBACCO MANUFACTURES — SIC 21				
1977	16.0	224.64	36.0	6.24
1978	16.0	271.67	38.7	7.02
1979	16.5	279.73	37.7	7.42
1980	17.7	363.61	38.6	9.42
1981	18.8	394.25	37.8	10.43
CIGARETTES — SIC 211				
1977	12.8	241.65	35.8	6.75
1978	13.2	294.47	38.9	7.57
1979	14.0	296.62	37.5	7.91
1980	15.1	388.55	38.7	10.04
1981	16.1	421.01	38.1	11.05
CIGARS, AND CHEWING AND SMOKING TOBACCO — SIC 212,3				
1977	.5	-	-	-
1978	.4	-	-	-
1979	.4	-	-	-
1980	.4	-	-	-
1981	.6	-	-	-
TOBACCO STEMMING AND REDRYING — SIC 214				
1977	2.7	-	-	-
1978	2.4	-	-	-
1979	2.1	-	-	-
1980	2.2	-	-	-
1981	2.2	-	-	-
TEXTILE MILL PRODUCTS — SIC 22				
1977	44.7	158.30	40.8	3.88
1978	44.7	168.84	40.2	4.20
1979	44.5	188.96	40.9	4.62
1980	44.6	201.90	40.3	5.01
1981	44.3	214.63	39.6	5.42
WEAVING MILLS, COTTON, SYNTHETICS, AND WOOL — SIC 221-3				
1977	19.9	172.64	41.5	4.16
1978	18.5	188.58	42.0	4.49
1979	19.0	208.98	43.0	4.86
1980	19.5	222.49	41.9	5.31
1981	19.2	237.48	41.3	5.75
NARROW FABRIC MILLS — SIC 224				
1977	1.4	-	-	-
1978	1.5	-	-	-
1979	1.3	-	-	-
1980	.9	-	-	-
1981	.9	-	-	-
KNITTING MILLS — SIC 225				
1977	12.3	130.76	38.8	3.37
1978	12.8	139.50	37.4	3.73
1979	12.8	157.45	37.4	4.21
1980	13.8	176.78	38.1	4.64
1981	14.1	187.88	37.5	5.01
TEXTILE FINISHING, EXCEPT WOOL — SIC 226				
1977	5.2	-	-	-
1978	5.7	-	-	-
1979	5.3	-	-	-
1980	5.1	-	-	-
1981	4.8	-	-	-
YARN AND THREAD MILLS — SIC 228				
1977	3.2	148.10	41.6	3.56
1978	3.2	154.29	41.7	3.70
1979	3.0	163.99	41.1	3.99
1980	2.5	172.94	40.5	4.27
1981	2.4	193.02	41.6	4.64
MISCELLANEOUS TEXTILE GOODS — SIC 229				
1977	1.4	168.10	41.0	4.10
1978	1.4	181.38	41.6	4.36
1979	1.4	189.66	40.7	4.66
1980	1.2	209.82	40.9	5.13
1981	1.2	213.89	38.4	5.57
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	36.9	116.71	36.7	3.18
1978	36.4	126.34	36.2	3.49
1979	34.2	133.43	35.3	3.78
1980	34.3	149.14	36.2	4.12
1981	32.6	161.19	35.9	4.49
MEN'S AND BOYS' SUITS, COATS, AND FURNISHINGS — SIC 231,2				
1977	14.5	120.57	36.1	3.34
1978	14.5	128.10	35.0	3.66
1979	13.2	134.29	34.7	3.87
1980	12.8	154.40	36.5	4.23
1981	11.4	164.57	34.5	4.77
WOMEN'S, MISSES', AND CHILDREN'S OUTERWEAR AND UNDERGARMENTS — SIC 233,4,6				
1977	18.5	113.34	36.8	3.08
1978	18.1	123.34	36.6	3.37
1979	17.5	128.45	35.0	3.67
1980	18.0	144.18	35.6	4.05
1981	17.9	154.37	35.9	4.30
STATEWIDE (Con.)				
MISC. FABRICATED TEXTILE PRODUCTS — SIC 239				
1977	1.8	-	-	-
1978	1.7	-	-	-
1979	1.7	-	-	-
1980	1.7	-	-	-
1981	1.6	-	-	-
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	14.0	241.12	41.5	5.81
1978	14.1	270.72	42.3	6.40
1979	14.5	297.35	42.6	6.98
1980	15.0	327.17	42.6	7.68
1981	15.0	356.15	42.5	8.38
PAPER, AND PAPERBOARD MILLS, EXCEPT BUILDING PAPER AND BOARD — SIC 262,3				
1977	7.5	288.22	42.7	6.75
1978	7.4	320.68	42.7	7.51
1979	7.6	353.42	43.1	8.20
1980	8.0	394.26	44.2	8.92
1981	8.0	427.39	43.7	9.78
MISC. CONVERTED PAPER PRODUCTS — SIC 264				
1977	2.5	-	-	-
1978	2.7	-	-	-
1979	2.9	-	-	-
1980	2.8	-	-	-
1981	2.8	-	-	-
MISC. CONVERTED PAPER PRODUCTS, AND PAPERBOARD CONTAINERS AND BOXES — SIC 264,5				
1977	5.9	191.42	40.3	4.75
1978	6.1	218.30	41.9	5.21
1979	6.4	240.54	42.2	5.70
1980	6.6	259.94	41.0	6.34
1981	6.7	284.83	41.4	6.88
PAPERBOARD CONTAINERS AND BOXES — SIC 265				
1977	3.4	-	-	-
1978	3.4	-	-	-
1979	3.5	-	-	-
1980	3.8	-	-	-
1981	3.9	-	-	-
PRINTING AND PUBLISHING — SIC 27				
1977	18.8	210.05	38.4	5.47
1978	19.9	234.60	39.1	6.00
1979	21.2	260.13	39.0	6.67
1980	22.4	285.35	38.2	7.47
1981	22.7	318.21	38.2	8.33
NEWSPAPERS, AND PERIODICALS — SIC 271,2				
1977	7.5	205.86	36.4	5.65
1978	7.7	216.55	35.5	6.10
1979	8.0	235.52	35.1	6.71
1980	8.4	254.14	35.2	7.22
1981	8.2	258.38	33.6	7.69
COMMERCIAL PRINTING — SIC 275				
1977	6.7	-	-	-
1978	7.5	-	-	-
1979	8.1	-	-	-
1980	8.8	-	-	-
1981	9.2	-	-	-
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	34.0	244.26	41.4	5.90
1978	33.9	261.65	41.4	6.32
1979	34.7	296.19	41.6	7.12
1980	34.2	323.42	41.2	7.85
1981	33.8	362.37	41.7	8.69
INDUSTRIAL INORGANIC CHEMICALS — SIC 281				
1977	1.9	-	-	-
1978	1.5	-	-	-
1979	.8	-	-	-
1980	.9	-	-	-
1981	.9	-	-	-

See footnotes at end of tables.

VIRGINIA

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
PLASTICS MATERIALS AND SYNTHETICS — SIC 282				
1977	20.9	249.83	41.5	6.02
1978	20.7	272.72	41.7	6.54
1979	21.7	302.21	41.8	7.23
1980	21.4	329.62	41.1	8.02
1981	20.8	377.58	42.0	8.99
DRUGS — SIC 283				
1977	2.3	-	-	-
1978	2.6	-	-	-
1979	2.7	-	-	-
1980	3.0	-	-	-
1981	3.2	-	-	-
AGRICULTURAL CHEMICALS — SIC 287				
1977	1.8	165.24	40.5	4.08
1978	1.7	186.26	41.3	4.51
1979	1.7	193.44	40.3	4.80
1980	1.4	227.28	41.1	5.53
1981	1.4	254.59	40.8	6.24
MISCELLANEOUS CHEMICAL PRODUCTS — SIC 289				
1977	3.0	-	-	-
1978	3.1	-	-	-
1979	3.4	-	-	-
1980	3.8	-	-	-
1981	4.2	-	-	-
PETROLEUM, AND RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS — SIC 29,30				
1977	13.1	-	-	-
1978	12.8	-	-	-
1979	12.9	-	-	-
1980	11.9	-	-	-
1981	12.3	-	-	-
TIRES AND INNER TUBES, AND FABRICATED RUBBER PRODUCTS, NEC — SIC 301,6				
1977	6.2	-	-	-
1978	6.4	-	-	-
1979	6.4	-	-	-
1980	5.7	-	-	-
1981	5.8	-	-	-
MISCELLANEOUS PLASTICS PRODUCTS — SIC 307				
1977	6.7	-	-	-
1978	6.1	-	-	-
1979	6.1	-	-	-
1980	5.8	-	-	-
1981	6.2	-	-	-
LEATHER AND LEATHER PRODUCTS — SIC 31				
1977	4.0	102.88	36.1	2.85
1978	4.0	111.29	35.9	3.10
1979	3.8	125.80	37.0	3.40
1980	3.6	135.04	37.1	3.64
1981	3.6	145.39	36.9	3.94
TRANSPORTATION AND PUBLIC UTILITIES				
1977	105.9	-	-	-
1978	107.6	-	-	-
1979	114.2	-	-	-
1980	115.8	-	-	-
1981	116.6	-	-	-
RAILROAD TRANSPORTATION — SIC 40				
1977	15.1	-	-	-
1978	12.5	-	-	-
1979	14.6	-	-	-
1980	14.0	-	-	-
1981	13.4	-	-	-
TRUCKING AND WAREHOUSING — SIC 42				
1977	26.0	-	-	-
1978	28.4	-	-	-
1979	29.9	-	-	-
1980	28.2	-	-	-
1981	27.4	-	-	-
STATEWIDE (Con.)				
TRANSPORTATION BY AIR — SIC 45				
1977	10.8	-	-	-
1978	11.0	-	-	-
1979	11.8	-	-	-
1980	12.1	-	-	-
1981	11.7	-	-	-
COMMUNICATION — SIC 48				
1977	25.4	-	-	-
1978	26.3	-	-	-
1979	27.7	-	-	-
1980	30.6	-	-	-
1981	32.5	-	-	-
ELECTRIC, GAS, AND SANITARY SERVICES — SIC 49				
1977	14.5	-	-	-
1978	15.1	-	-	-
1979	15.7	-	-	-
1980	16.4	-	-	-
1981	17.5	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	405.6	-	-	-
1978	428.1	-	-	-
1979	443.9	-	-	-
1980	451.2	-	-	-
1981	462.8	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	91.2	-	-	-
1978	96.8	-	-	-
1979	101.9	-	-	-
1980	105.3	-	-	-
1981	107.6	-	-	-
WHOLESALE TRADE - DURABLE GOODS — SIC 50				
1977	53.7	-	-	-
1978	58.2	-	-	-
1979	62.3	-	-	-
1980	64.4	-	-	-
1981	65.7	-	-	-
WHOLESALE TRADE - NONDURABLE GOODS — SIC 51				
1977	37.5	-	-	-
1978	38.6	-	-	-
1979	39.6	-	-	-
1980	40.9	-	-	-
1981	41.9	-	-	-
RETAIL TRADE — SIC 52-59				
1977	314.4	-	-	-
1978	331.3	-	-	-
1979	342.0	-	-	-
1980	345.9	-	-	-
1981	355.2	-	-	-
GENERAL MERCHANDISE STORES — SIC 53				
1977	57.3	-	-	-
1978	58.8	-	-	-
1979	57.8	-	-	-
1980	56.6	-	-	-
1981	57.9	-	-	-
DEPARTMENT STORES — SIC 531				
1977	44.6	-	-	-
1978	45.6	-	-	-
1979	45.6	-	-	-
1980	44.6	-	-	-
1981	47.2	-	-	-
VARIETY STORES — SIC 533				
1977	8.5	-	-	-
1978	9.2	-	-	-
1979	10.4	-	-	-
1980	10.3	-	-	-
1981	9.0	-	-	-
STATEWICE (Con.)				
FOOD STORES — SIC 54				
1977	46.4	-	-	-
1978	49.1	-	-	-
1979	52.1	-	-	-
1980	55.6	-	-	-
1981	56.9	-	-	-
AUTOMOTIVE DEALERS AND SERVICE STATIONS — SIC 55				
1977	47.5	-	-	-
1978	49.2	-	-	-
1979	47.5	-	-	-
1980	44.3	-	-	-
1981	43.5	-	-	-
FURNITURE AND HOME FURNISHINGS STORES — SIC 57				
1977	15.5	-	-	-
1978	16.2	-	-	-
1979	16.8	-	-	-
1980	16.6	-	-	-
1981	17.2	-	-	-
MISCELLANEOUS RETAIL — SIC 59				
1977	38.5	-	-	-
1978	40.7	-	-	-
1979	43.4	-	-	-
1980	45.6	-	-	-
1981	45.9	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	91.7	-	-	-
1978	97.1	-	-	-
1979	104.4	-	-	-
1980	105.9	-	-	-
1981	106.2	-	-	-
BANKING — SIC 60				
1977	26.7	-	-	-
1978	28.2	-	-	-
1979	31.4	-	-	-
1980	33.4	-	-	-
1981	34.0	-	-	-
INSURANCE CARRIERS — SIC 63				
1977	18.7	-	-	-
1978	19.3	-	-	-
1979	19.6	-	-	-
1980	20.1	-	-	-
1981	20.2	-	-	-
REAL ESTATE — SIC 65				
1977	22.4	-	-	-
1978	23.3	-	-	-
1979	25.6	-	-	-
1980	26.4	-	-	-
1981	26.5	-	-	-
SERVICES				
1977	331.8	-	-	-
1978	357.9	-	-	-
1979	383.5	-	-	-
1980	408.3	-	-	-
1981	415.8	-	-	-
PERSONAL SERVICES — SIC 72				
1977	22.9	-	-	-
1978	23.7	-	-	-
1979	24.4	-	-	-
1980	24.5	-	-	-
1981	24.6	-	-	-
BUSINESS SERVICES — SIC 73				
1977	60.3	-	-	-
1978	68.2	-	-	-
1979	76.0	-	-	-
1980	84.3	-	-	-
1981	81.3	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
AUTO, AND MISCELLANEOUS REPAIR SERVICES — SIC 75,76				
1979	18.3	–	–	–
1980	18.0	–	–	–
1981	17.0	–	–	–
HEALTH SERVICES — SIC 80				
1977	89.3	–	–	–
1978	93.4	–	–	–
1979	98.8	–	–	–
1980	105.2	–	–	–
1981	109.8	–	–	–
GOVERNMENT				
1977	453.6	–	–	–
1978	482.7	–	–	–
1979	493.5	–	–	–
1980	511.2	–	–	–
1981	509.6	–	–	–
FEDERAL GOVERNMENT				
1977	151.7	–	–	–
1978	153.8	–	–	–
1979	153.4	–	–	–
1980	156.4	–	–	–
1981	156.8	–	–	–
STATE AND LOCAL GOVERNMENT				
1977	310.9	–	–	–
1978	328.9	–	–	–
1979	340.1	–	–	–
1980	354.8	–	–	–
1981	352.8	–	–	–
STATE GOVERNMENT				
1979	117.9	–	–	–
1980	121.4	–	–	–
1981	123.8	–	–	–
LOCAL GOVERNMENT				
1979	222.3	–	–	–
1980	233.4	–	–	–
1981	229.0	–	–	–
BRISTOL				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	25.1	–	–	–
1978	27.2	–	–	–
1979	28.4	–	–	–
1980	27.5	–	–	–
1981	26.9	–	–	–
CONSTRUCTION				
1977	1.1	–	–	–
1978	1.3	–	–	–
1979	1.3	–	–	–
1980	1.1	–	–	–
1981	.9	–	–	–
MANUFACTURING				
1977	8.8	167.09	38.5	4.34
1978	9.7	183.23	37.7	4.86
1979	9.9	204.50	37.8	5.41
1980	9.2	206.07	37.4	5.51
1981	9.3	226.88	37.5	6.05
DURABLE GOODS				
1977	4.8	194.97	40.2	4.85
1978	5.2	[1] 222.72	[1] 39.7	[1] 5.61
1979	5.3	246.76	39.8	6.20
1980	4.7	250.90	39.7	6.32
1981	4.7	282.20	40.2	7.02
LUMBER, AND FURNITURE — SIC 24,25				
1977	.5	–	–	–
1978	.6	–	–	–
1979	.5	–	–	–
BRISTOL (Con.)				
LUMBER, AND FURNITURE — SIC 24,25 (Con.)				
1980	0.3	–	–	–
1981	.2	–	–	–
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	.3	–	–	–
1978	.3	–	–	–
1979	.3	–	–	–
1980	.3	–	–	–
1981	.3	–	–	–
PRIMARY AND FABRICATED METALS — SIC 33,34				
1977	2.0	–	–	–
1978	2.1	–	–	–
1979	2.3	–	–	–
1980	2.2	–	–	–
1981	2.3	–	–	–
FABRICATED METAL PRODUCTS — SIC 34				
1977	–	261.29	40.7	6.42
1978	–	[1] 308.77	[1] 38.5	[1] 8.02
1979	–	337.72	39.5	8.55
1980	–	319.57	39.6	8.07
1981	–	327.53	39.7	8.25
MACHINERY, AND TRANSPORTATION EQUIPMENT — SIC 35-37				
1977	–	190.94	40.8	4.68
1978	–	214.85	41.8	5.14
1979	–	226.73	41.0	5.53
1980	–	242.80	40.4	6.01
1981	–	268.71	40.9	6.57
NONDURABLE GOODS				
1977	4.0	128.50	36.3	3.54
1978	4.5	135.20	35.3	3.83
1979	4.6	149.67	35.3	4.24
1980	4.5	156.25	34.8	4.49
1981	4.5	167.39	34.8	4.81
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	1.6	142.00	34.3	4.14
1978	1.7	155.56	34.8	4.47
1979	1.8	174.44	35.6	4.90
1980	1.7	185.36	34.2	5.42
1981	1.7	191.13	34.5	5.54
TEXTILE MILL PRODUCTS — SIC 22				
1977	.1	–	–	–
1978	.2	–	–	–
1979	.1	–	–	–
1980	.1	–	–	–
1981	.1	–	–	–
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	1.6	106.14	34.8	3.05
1978	1.7	110.54	33.6	3.29
1979	1.8	116.38	32.6	3.57
1980	1.7	127.16	33.2	3.83
1981	1.9	138.78	33.2	4.18
PAPER, AND PRINTING AND PUBLISHING — SIC 26,27				
1977	.4	–	–	–
1978	.5	–	–	–
1979	.5	–	–	–
1980	.5	–	–	–
1981	.4	–	–	–
TRANSPORTATION AND PUBLIC UTILITIES				
1977	.9	–	–	–
1978	1.0	–	–	–
1979	1.1	–	–	–
1980	1.1	–	–	–
1981	1.0	–	–	–
WHOLESALE AND RETAIL TRADE				
1977	[1] 6.2	–	–	–
1978	6.2	–	–	–
BRISTOL (Con.)				
WHOLESALE AND RETAIL TRADE (Con.)				
1979	6.6	–	–	–
1980	6.4	–	–	–
1981	6.4	–	–	–
WHOLESALE TRADE — SIC 50,51				
1977	1.6	–	–	–
1978	1.5	–	–	–
1979	1.4	–	–	–
1980	1.3	–	–	–
1981	1.3	–	–	–
RETAIL TRADE — SIC 52-59				
1977	4.6	–	–	–
1978	4.7	–	–	–
1979	5.2	–	–	–
1980	5.1	–	–	–
1981	5.1	–	–	–
FINANCE, INSURANCE, AND REAL ESTATE				
1977	.8	–	–	–
1978	.9	–	–	–
1979	1.0	–	–	–
1980	.9	–	–	–
1981	.9	–	–	–
SERVICES AND MINING				
1977	3.0	–	–	–
1978	3.2	–	–	–
1979	3.5	–	–	–
1980	3.5	–	–	–
1981	3.4	–	–	–
GOVERNMENT				
1977	4.3	–	–	–
1978	4.9	–	–	–
1979	5.0	–	–	–
1980	5.3	–	–	–
1981	5.0	–	–	–
STATE AND LOCAL GOVERNMENT				
1977	4.0	–	–	–
1978	4.6	–	–	–
1979	4.7	–	–	–
1980	4.8	–	–	–
1981	4.5	–	–	–
LYNCHBURG				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	64.4	–	–	–
1978	68.9	–	–	–
1979	71.2	–	–	–
1980	70.7	–	–	–
1981	70.4	–	–	–
CONSTRUCTION				
1977	3.0	–	–	–
1978	3.3	–	–	–
1979	3.2	–	–	–
1980	3.2	–	–	–
1981	2.8	–	–	–
MANUFACTURING				
1977	28.0	186.26	39.8	4.68
1978	29.2	207.43	40.2	5.16
1979	29.6	224.32	40.2	5.58
1980	28.7	240.57	39.2	6.13
1981	28.6	270.14	40.2	6.72
DURABLE GOODS				
1977	18.2	208.08	40.8	5.10
1978	19.3	225.91	41.0	5.51
1979	19.5	240.76	40.6	5.93
1980	18.7	252.07	38.8	6.49
1981	18.4	284.42	40.4	7.04

See footnotes at end of tables.

VIRGINIA

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
LYNCHBURG (Con.)				
LUMBER AND FURNITURE — SIC 24,25				
1977	3.7	114.70	37.0	3.10
1978	4.2	140.43	38.9	3.61
1979	4.3	151.67	38.3	3.96
1980	4.1	163.62	37.7	4.34
1981	4.0	174.95	36.6	4.78
NONDURABLE GOODS				
1977	9.8	153.60	38.4	4.00
1978	9.9	176.15	38.8	4.54
1979	10.1	197.10	39.5	4.99
1980	10.0	223.28	39.7	5.61
1981	10.2	249.77	39.9	6.26
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	1.2	168.20	39.3	4.28
1978	1.3	193.70	42.2	4.59
1979	1.3	215.88	42.0	5.14
1980	1.3	241.81	42.2	5.73
1981	1.5	267.19	40.3	6.63
TEXTILE MILL PRODUCTS — SIC 22				
1977	1.6	169.72	40.7	4.17
1978	1.7	177.18	39.2	4.52
1979	1.8	210.87	42.6	4.95
1980	1.9	221.94	41.1	5.40
1981	2.0	232.76	40.2	5.79
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	2.7	97.68	33.8	2.89
1978	2.4	107.84	33.7	3.20
1979	2.4	116.22	33.3	3.49
1980	2.2	130.34	34.3	3.80
1981	2.1	144.99	35.8	4.05
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	.9	279.44	49.9	5.60
1978	.9	306.72	50.2	6.11
1979	.9	332.96	49.4	6.74
1980	1.0	375.65	51.6	7.28
1981	1.1	387.22	49.9	7.76
TRANSPORTATION AND PUBLIC UTILITIES				
1977	2.6	–	–	–
1978	2.5	–	–	–
1979	2.7	–	–	–
1980	2.7	–	–	–
1981	2.7	–	–	–
WHOLESALE AND RETAIL TRADE				
1977	10.6	–	–	–
1978	11.5	–	–	–
1979	12.0	–	–	–
1980	12.1	–	–	–
1981	12.1	–	–	–
WHOLESALE TRADE — SIC 50,51				
1977	2.0	–	–	–
1978	2.1	–	–	–
1979	2.1	–	–	–
1980	2.2	–	–	–
1981	2.3	–	–	–
RETAIL TRADE — SIC 52-59				
1977	8.6	–	–	–
1978	9.4	–	–	–
1979	9.9	–	–	–
1980	9.9	–	–	–
1981	9.8	–	–	–
FINANCE, INSURANCE, AND REAL ESTATE				
1977	2.9	–	–	–
1978	3.1	–	–	–
1979	3.3	–	–	–
1980	3.3	–	–	–
1981	3.3	–	–	–
LYNCHBURG (Con.)				
SERVICES AND MINING				
1977	8.6	–	–	–
1978	9.6	–	–	–
1979	10.2	–	–	–
1980	10.5	–	–	–
1981	10.9	–	–	–
GOVERNMENT				
1977	8.7	–	–	–
1978	9.7	–	–	–
1979	10.2	–	–	–
1980	10.2	–	–	–
1981	10.0	–	–	–
NEWPORT NEWS-HAMPTON				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	139.3	–	–	–
1978	144.6	–	–	–
1979	145.1	–	–	–
1980	149.4	–	–	–
1981	150.8	–	–	–
CONSTRUCTION				
1977	6.2	–	–	–
1978	7.5	–	–	–
1979	8.3	–	–	–
1980	7.3	–	–	–
1981	6.7	–	–	–
MANUFACTURING				
1977	34.6	–	–	–
1978	34.1	–	–	–
1979	31.9	–	–	–
1980	34.3	–	–	–
1981	34.6	–	–	–
DURABLE GOODS				
1977	28.9	–	–	–
1978	28.1	–	–	–
1979	25.8	–	–	–
1980	28.4	–	–	–
1981	28.7	–	–	–
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	.3	–	–	–
1978	.3	–	–	–
1979	.3	–	–	–
1980	.6	–	–	–
1981	.5	–	–	–
TRANSPORTATION EQUIPMENT — SIC 37				
1977	25.1	–	–	–
1978	24.2	–	–	–
1979	21.4	–	–	–
1980	23.9	–	–	–
1981	24.7	–	–	–
NONDURABLE GOODS				
1977	5.7	–	–	–
1978	6.0	–	–	–
1979	6.1	–	–	–
1980	5.9	–	–	–
1981	5.9	–	–	–
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	2.3	–	–	–
1978	2.4	–	–	–
1979	2.5	–	–	–
1980	2.4	–	–	–
1981	2.4	–	–	–
TEXTILES, AND APPAREL — SIC 22,23				
1977	.7	–	–	–
1978	.7	–	–	–
1979	.7	–	–	–
1980	.6	–	–	–
1981	.5	–	–	–
NEWPORT NEWS-HAMPTON (Con.)				
PRINTING AND PUBLISHING — SIC 27				
1977	1.0	–	–	–
1978	1.1	–	–	–
1979	1.1	–	–	–
1980	1.1	–	–	–
1981	1.1	–	–	–
TRANSPORTATION AND PUBLIC UTILITIES				
1977	4.6	–	–	–
1978	4.8	–	–	–
1979	5.0	–	–	–
1980	4.8	–	–	–
1981	4.9	–	–	–
WHOLESALE AND RETAIL TRADE				
1977	25.8	–	–	–
1978	27.2	–	–	–
1979	28.1	–	–	–
1980	28.5	–	–	–
1981	28.9	–	–	–
WHOLESALE TRADE — SIC 50,51				
1977	3.2	–	–	–
1978	3.2	–	–	–
1979	3.3	–	–	–
1980	3.6	–	–	–
1981	3.6	–	–	–
RETAIL TRADE — SIC 52-59				
1977	22.6	–	–	–
1978	24.0	–	–	–
1979	24.8	–	–	–
1980	24.9	–	–	–
1981	25.3	–	–	–
FINANCE, INSURANCE, AND REAL ESTATE				
1977	4.6	–	–	–
1978	4.8	–	–	–
1979	4.8	–	–	–
1980	4.8	–	–	–
1981	4.8	–	–	–
SERVICES AND MINING				
1977	25.2	–	–	–
1978	26.5	–	–	–
1979	27.4	–	–	–
1980	29.5	–	–	–
1981	30.5	–	–	–
GOVERNMENT				
1977	38.3	–	–	–
1978	39.7	–	–	–
1979	39.6	–	–	–
1980	40.2	–	–	–
1981	40.3	–	–	–
FEDERAL GOVERNMENT				
1977	17.1	–	–	–
1978	17.0	–	–	–
1979	16.7	–	–	–
1980	16.6	–	–	–
1981	17.0	–	–	–
STATE AND LOCAL GOVERNMENT				
1977	21.2	–	–	–
1978	22.7	–	–	–
1979	22.9	–	–	–
1980	23.6	–	–	–
1981	23.3	–	–	–
NORFOLK-VIRGINIA BEACH-PORTSMOUTH				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	260.9	–	–	–
1978	277.9	–	–	–
1979	284.3	–	–	–
1980	287.1	–	–	–
1981	289.5	–	–	–

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
NORFOLK-VIRGINIA BEACH-PORTSMOUTH (Con.)				
CONSTRUCTION				
1977	16.6	-	-	-
1978	18.3	-	-	-
1979	18.1	-	-	-
1980	17.5	-	-	-
1981	16.8	-	-	-
MANUFACTURING				
1977	27.5	213.72	41.5	5.15
1978	29.0	232.93	41.3	5.64
1979	30.1	255.64	41.1	6.22
1980	29.2	271.21	40.6	6.68
1981	29.5	293.45	41.1	7.14
DURABLE GOODS				
1977	15.9	238.95	42.9	5.57
1978	16.9	252.53	42.3	5.97
1979	17.7	278.64	41.9	6.65
1980	17.6	290.99	41.1	7.08
1981	17.9	316.50	42.2	7.50
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	1.8	181.33	41.4	4.38
1978	1.8	196.65	42.2	4.66
1979	1.8	205.80	39.5	5.21
1980	1.6	210.75	39.1	5.39
1981	1.5	235.82	41.3	5.71
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	2.0	275.01	40.7	4.30
1978	1.8	[1] 200.50	40.1	[1] 5.00
1979	1.9	225.23	41.1	5.48
1980	1.7	231.86	39.1	5.93
1981	1.7	267.56	41.1	6.51
FABRICATED METAL PRODUCTS — SIC 34				
1977	.9	166.88	38.9	4.29
1978	1.0	178.69	39.1	4.57
1979	1.0	203.21	40.4	5.03
1980	1.0	221.81	41.0	5.41
1981	1.0	223.11	38.6	5.78
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	.8	202.79	39.3	5.16
1978	.9	193.64	37.6	5.15
1979	1.0	210.48	40.4	5.21
1980	1.2	231.09	40.4	5.72
1981	1.3	248.61	39.4	6.31
TRANSPORTATION EQUIPMENT — SIC 37				
1977	6.2	328.92	47.6	6.91
1978	7.0	334.49	46.2	7.24
1979	7.5	354.48	44.2	8.02
1980	7.4	365.04	43.2	8.45
1981	7.8	398.50	45.7	8.72
NONDURABLE GOODS				
1977	11.6	179.90	39.8	4.52
1978	12.1	198.58	39.4	5.04
1979	12.4	214.24	39.6	5.41
1980	11.6	237.80	39.9	5.96
1981	11.6	243.36	39.0	6.24
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	5.8	168.30	39.6	4.25
1978	5.8	183.38	39.1	4.69
1979	6.0	201.50	39.9	5.05
1980	5.7	222.15	40.1	5.54
1981	5.5	237.55	39.2	6.06
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	.8	94.05	34.2	2.75
1978	1.0	[1] 115.93	[1] 33.7	[1] 3.44
1979	1.0	132.94	34.8	3.82
1980	.9	151.79	36.4	4.17
1981	1.0	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
NORFOLK-VIRGINIA BEACH-PORTSMOUTH (Con.)				
PRINTING AND PUBLISHING — SIC 27				
1977	2.1	-	-	-
1978	2.1	-	-	-
1979	2.2	-	-	-
1980	2.4	-	-	-
1981	2.5	-	-	-
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	1.5	184.82	40.8	4.53
1978	1.6	201.55	40.8	4.94
1979	1.6	212.66	40.2	5.29
1980	1.4	235.62	39.8	5.92
1981	1.2	257.94	39.2	6.58
AGRICULTURAL CHEMICALS — SIC 287				
1977	.7	-	-	-
1978	.8	-	-	-
1979	.8	-	-	-
1980	.7	-	-	-
1981	.6	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	17.7	-	-	-
1978	18.0	-	-	-
1979	19.2	-	-	-
1980	19.3	-	-	-
1981	19.6	-	-	-
RAILROAD TRANSPORTATION — SIC 40				
1977	1.8	-	-	-
1978	1.2	-	-	-
1979	1.5	-	-	-
1980	1.5	-	-	-
1981	1.4	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	63.5	-	-	-
1978	67.0	-	-	-
1979	68.0	-	-	-
1980	68.7	-	-	-
1981	70.4	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	13.6	-	-	-
1978	14.4	-	-	-
1979	14.7	-	-	-
1980	15.2	-	-	-
1981	15.2	-	-	-
RETAIL TRADE — SIC 52-59				
1977	49.9	-	-	-
1978	52.6	-	-	-
1979	53.3	-	-	-
1980	53.5	-	-	-
1981	55.2	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	13.3	-	-	-
1978	14.1	-	-	-
1979	14.6	-	-	-
1980	15.2	-	-	-
1981	14.9	-	-	-
BANKING — SIC 60				
1977	3.9	-	-	-
1978	4.2	-	-	-
1979	4.5	-	-	-
1980	4.8	-	-	-
1981	4.7	-	-	-
INSURANCE CARRIERS, AGENTS AND BROKERS — SIC 63,64				
1977	2.6	-	-	-
1978	3.0	-	-	-
1979	3.4	-	-	-
1980	3.5	-	-	-
1981	3.3	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
NORFOLK-VIRGINIA BEACH-PORTSMOUTH (Con.)				
SERVICES AND MINING				
1977	46.5	-	-	-
1978	51.3	-	-	-
1979	53.6	-	-	-
1980	56.4	-	-	-
1981	58.6	-	-	-
PERSONAL SERVICES — SIC 72				
1977	4.2	-	-	-
1978	4.3	-	-	-
1979	4.3	-	-	-
1980	4.3	-	-	-
1981	4.5	-	-	-
GOVERNMENT				
1977	75.8	-	-	-
1978	80.2	-	-	-
1979	80.5	-	-	-
1980	80.8	-	-	-
1981	79.7	-	-	-
FEDERAL GOVERNMENT				
1977	35.6	-	-	-
1978	36.6	-	-	-
1979	36.5	-	-	-
1980	36.7	-	-	-
1981	37.1	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	40.2	-	-	-
1978	43.6	-	-	-
1979	44.0	-	-	-
1980	44.1	-	-	-
1981	42.7	-	-	-
NORTHERN VIRGINIA[2]				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	381.1	-	-	-
1978	408.7	-	-	-
1979	434.6	-	-	-
1980	454.6	-	-	-
1981	464.9	-	-	-
MINING				
1977	.3	-	-	-
1978	.3	-	-	-
1979	.4	-	-	-
1980	.4	-	-	-
1981	.4	-	-	-
CONSTRUCTION				
1977	25.8	-	-	-
1978	29.6	-	-	-
1979	31.7	-	-	-
1980	30.4	-	-	-
1981	28.5	-	-	-
MANUFACTURING				
1977	14.3	213.86	40.2	5.32
1978	15.4	[1] 238.98	[1] 40.3	[1] 5.93
1979	17.5	250.80	40.0	6.27
[1]1980	18.9	277.01	39.8	6.96
1981	20.0	295.20	40.0	7.38
DURABLE GOODS				
1977	9.2	211.75	40.8	5.19
1978	9.7	239.03	41.0	5.83
1979	10.9	246.85	40.6	6.08
1980	11.9	265.52	40.6	6.54
1981	12.3	282.21	40.9	6.90
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	.7	256.76	39.2	6.55
1978	1.0	289.10	41.3	7.00
1979	1.1	[1] 214.11	[1] 39.0	[1] 5.49
1980	1.1	224.07	38.5	5.82
1981	1.0	227.63	37.5	6.07

See footnotes at end of tables.

VIRGINIA

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
NORTHERN VIRGINIA[1] (Con.)				
FABRICATED METAL PRODUCTS — SIC 34				
1977	1.1	222.48	41.2	5.40
1978	1.1	[1] 233.45	[1] 41.1	[1] 5.68
1979	1.2	266.91	42.3	6.31
1980	1.2	280.16	41.2	6.80
1981	1.1	316.73	42.4	7.47
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	.6	-	-	-
1978	.7	-	-	-
1979	.7	-	-	-
1980	.6	-	-	-
1981	.7	-	-	-
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	5.1	206.61	42.6	4.85
1978	5.0	252.45	42.5	5.94
1979	5.8	266.68	41.8	6.38
1980	6.8	297.89	42.8	6.96
1981	7.2	297.90	43.3	6.88
NONDURABLE GOODS				
1977	5.1	215.00	38.6	5.57
1978	5.7	[1] 235.20	[1] 39.2	[1] 6.00
1979	6.6	256.47	38.8	6.61
1980	7.0	291.43	38.6	7.55
1981	7.7	313.82	38.6	8.13
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	1.2	220.81	42.3	5.22
1978	1.1	[1] 233.75	[1] 42.5	[1] 5.50
1979	1.1	[1] 259.36	[1] 41.3	[1] 6.28
1980	1.1	294.38	41.0	7.18
1981	1.1	304.72	41.8	7.29
PRINTING AND PUBLISHING — SIC 27				
1977	3.1	-	-	-
1978	3.6	-	-	-
1979	4.4	-	-	-
1980	4.6	-	-	-
1981	5.0	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	26.0	-	-	-
1978	26.9	-	-	-
1979	28.6	-	-	-
1980	31.8	-	-	-
1981	32.0	-	-	-
TRANSPORTATION BY AIR — SIC 45				
1977	8.9	-	-	-
1978	8.9	-	-	-
1979	8.9	-	-	-
1980	9.7	-	-	-
1981	8.9	-	-	-
ELECTRIC, GAS, AND SANITARY SERVICES — SIC 49				
1977	3.0	-	-	-
1978	3.2	-	-	-
1979	3.3	-	-	-
1980	3.5	-	-	-
1981	3.7	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	90.8	-	-	-
1978	96.1	-	-	-
1979	100.6	-	-	-
1980	105.1	-	-	-
1981	111.6	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	15.7	-	-	-
1978	16.9	-	-	-
1979	18.1	-	-	-
1980	20.4	-	-	-
1981	21.8	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
NORTHERN VIRGINIA[1] (Con.)				
RETAIL TRADE — SIC 52-59				
1977	75.1	-	-	-
1978	79.2	-	-	-
1979	82.5	-	-	-
1980	84.7	-	-	-
1981	89.8	-	-	-
GENERAL MERCHANDISE STORES — SIC 53				
1977	12.6	-	-	-
1978	13.2	-	-	-
1979	13.5	-	-	-
1980	13.0	-	-	-
1981	13.7	-	-	-
FOOD STORES — SIC 54				
1977	8.8	-	-	-
1978	9.0	-	-	-
1979	9.3	-	-	-
1980	10.1	-	-	-
1981	10.2	-	-	-
AUTOMOTIVE DEALERS AND SERVICE STATIONS — SIC 55				
1977	11.6	-	-	-
1978	12.4	-	-	-
1979	12.0	-	-	-
1980	11.4	-	-	-
1981	11.2	-	-	-
APPAREL AND ACCESSORY STORES — SIC 56				
1977	4.9	-	-	-
1978	5.2	-	-	-
1979	5.3	-	-	-
1980	5.5	-	-	-
1981	6.1	-	-	-
EATING AND DRINKING PLACES — SIC 58				
1977	21.1	-	-	-
1978	22.4	-	-	-
1979	24.1	-	-	-
1980	25.2	-	-	-
1981	27.7	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	23.6	-	-	-
1978	25.2	-	-	-
1979	27.4	-	-	-
1980	28.6	-	-	-
1981	29.1	-	-	-
BANKING — SIC 60				
1977	5.3	-	-	-
1978	5.6	-	-	-
1979	5.9	-	-	-
1980	6.2	-	-	-
1981	6.5	-	-	-
SERVICES				
1977	89.3	-	-	-
1978	100.2	-	-	-
1979	111.7	-	-	-
1980	120.6	-	-	-
1981	124.6	-	-	-
BUSINESS SERVICES — SIC 73				
1977	29.7	-	-	-
1978	34.1	-	-	-
1979	40.1	-	-	-
1980	43.1	-	-	-
1981	43.2	-	-	-
GOVERNMENT				
1977	111.0	-	-	-
1978	115.0	-	-	-
1979	116.7	-	-	-
1980	118.8	-	-	-
1981	118.8	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
NORTHERN VIRGINIA[1] (Con.)				
FEDERAL GOVERNMENT				
1977	64.6	-	-	-
1978	65.6	-	-	-
1979	66.4	-	-	-
1980	66.5	-	-	-
1981	65.3	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	46.4	-	-	-
1978	49.4	-	-	-
1979	50.3	-	-	-
1980	52.3	-	-	-
1981	53.5	-	-	-
PETERSBURG-COLONIAL HGTS-HOPEWELL				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	44.8	-	-	-
1978	46.4	-	-	-
1979	46.9	-	-	-
1980	46.3	-	-	-
1981	44.7	-	-	-
CONSTRUCTION				
1977	2.3	-	-	-
1978	2.4	-	-	-
1979	2.6	-	-	-
1980	2.9	-	-	-
1981	2.0	-	-	-
MANUFACTURING				
1977	12.8	223.62	39.3	5.69
1978	12.6	244.29	38.9	6.28
1979	11.9	266.85	38.9	6.86
1980	11.0	300.56	39.6	7.59
1981	10.5	336.26	39.1	8.60
DURABLE GOODS				
1977	2.9	134.57	37.8	3.56
1978	2.8	148.52	37.6	3.95
1979	2.7	159.85	37.7	4.24
1980	2.6	177.33	38.3	4.63
1981	2.4	188.27	38.5	4.89
LUMBER AND FURNITURE — SIC 24,25				
1977	.6	115.28	35.8	3.22
1978	.6	123.88	34.7	3.57
1979	.6	136.53	37.0	3.69
1980	.4	143.32	35.3	4.06
1981	.5	704.31	40.7	5.02
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	.2	-	-	-
1978	.2	-	-	-
1979	.3	-	-	-
1980	.2	-	-	-
1981	.2	-	-	-
FABRICATED METAL PRODUCTS — SIC 34				
1977	.2	-	-	-
1978	.3	-	-	-
1979	.2	-	-	-
1980	.2	-	-	-
1981	.2	-	-	-
NONDURABLE GOODS				
1977	9.9	250.74	39.8	6.30
1978	9.7	277.06	39.3	7.05
1979	9.2	297.11	39.3	7.56
1980	8.4	341.65	40.1	8.52
1981	8.0	381.02	39.2	9.72
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	.5	192.23	40.9	4.70
1978	.3	194.85	45.0	4.33
1979	.4	202.02	42.0	4.81
1980	.3	221.25	40.3	5.49
1981	.3	228.97	40.1	5.71

See footnotes at end of tables

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
PETERSBURG-COLONIAL HGTS-HOPEWELL (Con.)				
TEXTILES, AND APPAREL — SIC 22,23				
1977	0.6	-	-	-
1978	1.0	-	-	-
1979	.7	-	-	-
1980	.4	-	-	-
1981	.3	-	-	-
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	3.9	288.32	42.4	6.80
1978	3.8	299.52	41.2	7.27
1979	3.8	359.52	42.8	8.40
1980	3.6	380.80	42.5	8.96
1981	3.5	398.75	40.4	9.87
TRANSPORTATION AND PUBLIC UTILITIES				
1977	1.3	-	-	-
1978	1.3	-	-	-
1979	1.5	-	-	-
1980	1.4	-	-	-
1981	1.3	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	8.2	-	-	-
1978	8.5	-	-	-
1979	8.5	-	-	-
1980	8.5	-	-	-
1981	8.8	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	1.1	-	-	-
1978	1.2	-	-	-
1979	1.2	-	-	-
1980	1.3	-	-	-
1981	1.2	-	-	-
RETAIL TRADE — SIC 52-59				
1977	7.1	-	-	-
1978	7.3	-	-	-
1979	7.3	-	-	-
1980	7.2	-	-	-
1981	7.6	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	1.1	-	-	-
1978	1.2	-	-	-
1979	1.3	-	-	-
1980	1.3	-	-	-
1981	1.2	-	-	-
SERVICES AND MINING				
1977	5.1	-	-	-
1978	5.6	-	-	-
1979	5.8	-	-	-
1980	6.2	-	-	-
1981	6.7	-	-	-
GOVERNMENT				
1977	14.0	-	-	-
1978	14.8	-	-	-
1979	15.3	-	-	-
1980	15.0	-	-	-
1981	14.3	-	-	-
FEDERAL GOVERNMENT				
1977	5.5	-	-	-
1978	5.5	-	-	-
1979	5.5	-	-	-
1980	5.6	-	-	-
1981	5.3	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	8.5	-	-	-
1978	9.3	-	-	-
1979	9.8	-	-	-
1980	9.4	-	-	-
1981	9.0	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
RICHMOND				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	296.6	-	-	-
1978	315.2	-	-	-
1979	326.9	-	-	-
1980	327.4	-	-	-
1981	327.7	-	-	-
MINING				
1977	.3	-	-	-
1978	.4	-	-	-
1979	.4	-	-	-
1980	.3	-	-	-
1981	.3	-	-	-
CONSTRUCTION				
1977	17.1	-	-	-
1978	19.0	-	-	-
1979	20.8	-	-	-
1980	19.0	-	-	-
1981	17.5	-	-	-
MANUFACTURING				
1977	52.0	218.96	39.1	5.60
1978	53.5	253.49	40.3	6.29
1979	55.8	275.60	40.0	6.89
1980	56.3	318.40	40.0	7.96
1981	56.5	350.61	40.3	8.70
DURABLE GOODS				
1977	16.4	218.28	40.8	5.35
1978	17.0	255.44	41.4	6.17
1979	17.9	275.06	41.3	6.66
1980	17.8	301.92	40.8	7.40
1981	17.2	327.64	40.4	8.11
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	1.5	154.44	39.0	3.96
1978	1.4	158.40	39.5	4.01
1979	1.7	178.09	40.2	4.43
1980	1.7	190.00	40.0	4.75
1981	1.5	213.72	40.4	5.29
FURNITURE AND FIXTURES — SIC 25				
1977	2.0	158.67	42.2	3.76
1978	2.2	172.64	41.6	4.15
1979	2.3	175.96	39.9	4.41
1980	1.8	180.97	39.6	4.57
1981	1.7	186.81	39.0	4.79
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	1.3	-	-	-
1978	1.3	-	-	-
1979	1.3	-	-	-
1980	1.3	-	-	-
1981	1.3	-	-	-
PRIMARY METAL INDUSTRIES — SIC 33				
1977	-	349.16	43.7	7.99
1978	-	382.20	42.8	8.93
1979	-	408.07	42.2	9.67
1980	-	478.61	41.8	11.45
1981	-	479.57	40.3	11.90
FABRICATED METAL PRODUCTS — SIC 34				
1977	2.4	201.50	38.9	5.18
1978	2.4	321.59	39.9	8.06
1979	2.3	336.19	41.2	8.16
1980	2.4	371.13	41.1	9.03
1981	2.4	393.72	40.8	9.65
FABRICATED STRUCTURAL METAL PRODUCTS — SIC 344				
1977	1.8	202.54	39.1	5.18
1978	1.9	356.00	40.0	8.90
1979	1.8	368.72	41.9	8.80
1980	1.8	412.82	41.2	10.02
1981	1.7	437.13	41.2	10.61

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
RICHMOND (COR.)				
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	2.1	-	-	-
1978	2.0	-	-	-
1979	2.0	-	-	-
1980	2.1	-	-	-
1981	2.2	-	-	-
NONDURABLE GOODS				
1977	35.6	219.45	38.5	5.70
1978	36.5	253.13	39.8	6.36
1979	37.9	275.41	39.4	6.99
1980	38.5	323.95	39.7	8.16
1981	39.4	360.10	40.1	8.98
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	4.2	179.86	39.1	4.60
1978	4.2	223.68	39.8	5.62
1979	4.3	222.05	37.7	5.89
1980	4.2	225.55	38.3	5.89
1981	4.2	245.39	39.2	6.26
BAKERY PRODUCTS — SIC 205				
1977	1.8	-	-	-
1978	1.8	-	-	-
1979	1.9	-	-	-
1980	1.7	-	-	-
1981	1.6	-	-	-
TOBACCO MANUFACTURES — SIC 21				
1977	10.6	235.32	35.6	6.61
1978	11.2	293.04	39.6	7.40
1979	12.1	289.54	37.7	7.68
1980	13.1	393.57	39.2	10.04
1981	13.7	429.63	39.2	10.96
CIGARETTES — SIC 211				
1977	9.4	239.98	35.5	6.76
1978	10.0	299.02	39.5	7.57
1979	11.1	295.22	37.8	7.81
1980	12.1	400.86	39.3	10.20
1981	12.6	438.45	39.5	11.10
TOBACCO STEMMING AND REDRYING — SIC 214				
1977	.8	-	-	-
1978	.7	-	-	-
1979	.6	-	-	-
1980	.7	-	-	-
1981	.7	-	-	-
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	2.5	123.12	38.0	3.24
1978	2.5	137.24	37.6	3.65
1979	2.5	152.48	38.7	3.94
1980	2.3	160.74	38.0	4.23
1981	2.0	185.72	39.6	4.69
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	3.8	212.93	39.8	5.35
1978	3.9	236.70	40.6	5.83
1979	4.1	258.44	40.7	6.35
1980	4.2	290.21	41.4	7.01
1981	4.2	323.67	42.2	7.67
PRINTING AND PUBLISHING — SIC 27				
1977	4.8	225.41	38.4	5.87
1978	5.0	255.42	38.7	6.60
1979	5.1	302.51	39.7	7.62
1980	5.2	316.91	38.6	8.21
1981	5.5	341.88	38.5	8.88
COMMERCIAL PRINTING — SIC 275				
1977	2.6	-	-	-
1978	2.8	-	-	-
1979	2.8	-	-	-
1980	2.9	-	-	-
1981	3.2	-	-	-

See footnotes at end of tables.

VIRGINIA

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
RICHMOND (CON.)				
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	7.9	263.53	41.5	6.35
1978	7.8	288.27	41.9	6.88
1979	7.9	320.61	41.8	7.67
1980	8.1	356.18	40.8	8.73
1981	8.3	400.89	41.5	9.66
TRANSPORTATION AND PUBLIC UTILITIES				
1977	18.2	-	-	-
1978	18.6	-	-	-
1979	19.4	-	-	-
1980	19.6	-	-	-
1981	19.7	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	68.5	-	-	-
1978	73.4	-	-	-
1979	75.3	-	-	-
1980	75.9	-	-	-
1981	76.2	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	20.6	-	-	-
1978	21.7	-	-	-
1979	22.6	-	-	-
1980	23.1	-	-	-
1981	23.8	-	-	-
RETAIL TRADE — SIC 52-59				
1977	47.9	-	-	-
1978	51.7	-	-	-
1979	52.7	-	-	-
1980	52.8	-	-	-
1981	52.4	-	-	-
GENERAL MERCHANDISE STORES — SIC 53				
1977	11.7	-	-	-
1978	11.8	-	-	-
1979	11.9	-	-	-
1980	11.6	-	-	-
1981	11.9	-	-	-
FOOD STORES — SIC 54				
1977	6.4	-	-	-
1978	6.8	-	-	-
1979	7.2	-	-	-
1980	7.5	-	-	-
1981	7.4	-	-	-
AUTOMOTIVE DEALERS AND SERVICE STATIONS — SIC 55				
1977	6.1	-	-	-
1978	6.3	-	-	-
1979	6.1	-	-	-
1980	5.8	-	-	-
1981	5.7	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	23.3	-	-	-
1978	24.7	-	-	-
1979	26.2	-	-	-
1980	26.5	-	-	-
1981	26.4	-	-	-
INSURANCE CARRIERS, AGENTS AND BROKERS — SIC 63,64				
1977	9.4	-	-	-
1978	9.9	-	-	-
1979	10.2	-	-	-
1980	10.3	-	-	-
1981	10.5	-	-	-
SERVICES				
1977	50.9	-	-	-
1978	55.0	-	-	-
1979	57.9	-	-	-
1980	58.2	-	-	-
1981	60.1	-	-	-
RICHMOND (CON.)				
GOVERNMENT				
1977	66.3	-	-	-
1978	70.6	-	-	-
1979	71.1	-	-	-
1980	71.6	-	-	-
1981	71.0	-	-	-
FEDERAL GOVERNMENT				
1977	8.3	-	-	-
1978	8.2	-	-	-
1979	8.4	-	-	-
1980	9.2	-	-	-
1981	9.2	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	58.0	-	-	-
1978	62.4	-	-	-
1979	62.7	-	-	-
1980	62.4	-	-	-
1981	61.8	-	-	-
ROANOKE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	99.7	-	-	-
1978	102.9	-	-	-
1979	105.0	-	-	-
1980	104.9	-	-	-
1981	102.8	-	-	-
MINING				
1977	.2	-	-	-
1978	.2	-	-	-
1979	.1	-	-	-
1980	.1	-	-	-
1981	.2	-	-	-
CONSTRUCTION				
1977	5.7	-	-	-
1978	5.9	-	-	-
1979	5.9	-	-	-
1980	5.5	-	-	-
1981	4.7	-	-	-
MANUFACTURING				
1977	21.0	165.90	39.5	4.20
1978	21.2	185.07	39.8	4.65
1979	21.1	206.80	40.0	5.17
1980	21.3	232.22	39.9	5.82
1981	21.1	253.04	39.6	6.39
DURABLE GOODS				
1977	10.9	177.20	40.0	4.43
1978	11.3	189.74	40.2	4.72
1979	12.0	213.19	40.3	5.29
1980	12.1	236.78	40.2	5.89
1981	12.0	261.14	40.3	6.48
FURNITURE AND FIXTURES — SIC 25				
1977	1.5	-	-	-
1978	1.5	-	-	-
1979	1.4	-	-	-
1980	1.4	-	-	-
1981	1.4	-	-	-
PRIMARY AND FABRICATED METALS — SIC 33,34				
1977	2.0	-	-	-
1978	2.1	-	-	-
1979	2.5	-	-	-
1980	2.6	-	-	-
1981	2.4	-	-	-
FABRICATED METAL PRODUCTS — SIC 34				
1977	-	179.55	40.9	4.39
1978	-	194.68	40.9	4.76
1979	-	211.18	41.9	5.04
1980	-	219.37	40.4	5.43
1981	-	247.01	41.1	6.01
ROANOKE (CON.)				
FABRICATED STRUCTURAL METAL PRODUCTS — SIC 344				
1977	0.9	180.40	41.0	4.40
1978	1.0	196.58	40.7	4.83
1979	1.2	208.47	41.2	5.06
1980	1.3	222.60	40.4	5.51
1981	1.1	252.15	41.0	6.15
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	1.6	-	-	-
1978	1.7	-	-	-
1979	1.7	-	-	-
1980	1.7	-	-	-
1981	1.7	-	-	-
NONDURABLE GOODS				
1977	10.1	154.05	39.0	3.95
1978	9.9	178.14	39.5	4.51
1979	9.1	200.59	39.8	5.04
1980	9.2	226.91	39.6	5.73
1981	9.1	240.33	38.7	6.21
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	2.2	182.04	44.4	4.10
1978	2.3	192.52	42.5	4.53
1979	2.0	223.37	45.4	4.92
1980	1.9	237.62	43.6	5.45
1981	1.8	265.80	44.3	6.00
TEXTILE MILL PRODUCTS — SIC 22				
1977	2.1	155.42	40.9	3.80
1978	2.1	157.21	39.6	3.97
1979	1.8	173.20	40.0	4.33
1980	2.0	181.17	39.3	4.61
1981	1.9	190.13	37.8	5.03
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	2.5	-	-	-
1978	2.0	-	-	-
1979	1.8	-	-	-
1980	1.8	-	-	-
1981	1.9	-	-	-
PRINTING AND PUBLISHING — SIC 27				
1977	.9	-	-	-
1978	.9	-	-	-
1979	.9	-	-	-
1980	.9	-	-	-
1981	1.0	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	9.9	-	-	-
1978	9.1	-	-	-
1979	10.2	-	-	-
1980	10.1	-	-	-
1981	9.7	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	24.5	-	-	-
1978	25.8	-	-	-
1979	26.1	-	-	-
1980	25.4	-	-	-
1981	25.0	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	7.0	-	-	-
1978	7.5	-	-	-
1979	7.4	-	-	-
1980	7.4	-	-	-
1981	7.4	-	-	-
RETAIL TRADE — SIC 52-59				
1977	17.5	-	-	-
1978	18.3	-	-	-
1979	18.7	-	-	-
1980	18.0	-	-	-
1981	17.6	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
ROANOKE (CON.)				
FINANCE, INSURANCE, AND REAL ESTATE				
1977	5.5	-	-	-
1978	5.8	-	-	-
1979	6.2	-	-	-
1980	6.3	-	-	-
1981	6.1	-	-	-
SERVICES				
1977	18.1	-	-	-
1978	19.0	-	-	-
1979	19.8	-	-	-
1980	20.4	-	-	-
1981	20.7	-	-	-
GOVERNMENT				
1977	14.8	-	-	-
1978	15.9	-	-	-
1979	15.6	-	-	-
1980	15.8	-	-	-
1981	15.4	-	-	-
FEDERAL GOVERNMENT				
1977	3.0	-	-	-
1978	3.1	-	-	-
1979	3.1	-	-	-
1980	3.3	-	-	-
1981	3.2	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	11.8	-	-	-
1978	12.8	-	-	-
1979	12.5	-	-	-
1980	12.5	-	-	-
1981	12.2	-	-	-

See footnotes at end of tables.

WASHINGTON

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Production or nonsupervisory workers: Average weekly hours	Production or nonsupervisory workers: Average hourly earnings (dollars)
STATEWIDE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	1,367.0	-	-	-
1978	1,485.6	-	-	-
1979	1,581.2	-	-	-
1980	1,608.3	-	-	-
1981	1,598.3	-	-	-
MINING				
1977	2.3	-	-	-
1978	2.8	-	-	-
1979	3.0	-	-	-
1980	3.2	-	-	-
1981	3.1	-	-	-
CONSTRUCTION				
1977	77.6	409.12	35.7	11.46
1978	92.7	446.35	36.2	12.33
1979	104.4	474.08	36.3	13.06
1980	92.6	530.02	35.5	14.93
1981	88.7	607.68	36.0	16.88
MANUFACTURING				
1977	260.0	267.74	39.2	6.83
1978	284.7	297.11	39.3	7.56
1979	309.6	323.85	38.6	8.39
1980	308.7	361.34	38.4	9.41
1981	301.9	405.07	38.8	10.44
DURABLE GOODS				
1977	177.2	279.27	39.5	7.07
1978	201.6	311.25	39.7	7.84
1979	222.3	338.22	39.1	8.65
1980	221.1	378.50	38.9	9.73
1981	216.2	425.52	39.4	10.80
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	54.0	282.63	39.2	7.21
1978	55.1	312.80	39.1	8.00
1979	53.9	330.24	37.4	8.83
1980	47.0	361.50	37.5	9.64
1981	44.1	399.92	37.8	10.58
LOGGING CAMPS AND LOGGING CONTRACTORS — SIC 241				
1977	-	307.13	37.5	8.19
1978	-	340.28	37.6	9.05
1979	-	360.27	35.6	10.12
1980	-	376.68	34.5	10.94
1981	-	441.28	36.2	12.19
SAWMILLS AND PLANING MILLS — SIC 242				
1977	22.3	286.34	40.5	7.07
1978	22.5	316.81	39.9	7.94
1979	21.3	330.53	38.3	8.63
1980	18.8	369.33	39.0	9.47
1981	18.7	405.21	38.3	10.58
MILLWORK, PLYWOOD AND STRUCTURAL MEMBERS — SIC 243				
1977	-	261.74	39.3	6.66
1978	-	297.31	39.8	7.47
1979	-	316.74	38.3	8.27
1980	-	347.90	39.4	8.83
1981	-	365.95	38.4	9.53
FURNITURE AND FIXTURES — SIC 25				
1977	3.0	233.87	37.3	6.27
1978	3.2	255.38	37.7	6.79
1979	3.3	276.39	37.0	7.47
STATEWIDE (Con.)				
FURNITURE AND FIXTURES — SIC 25 (Con.)				
1980	3.3	299.99	36.1	8.31
1981	3.1	315.94	35.3	8.95
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	6.5	306.83	39.9	7.69
1978	6.8	354.80	41.4	8.57
1979	7.1	376.00	40.0	9.40
1980	6.9	391.55	38.2	10.25
1981	6.4	438.83	38.8	11.31
PRIMARY METAL INDUSTRIES — SIC 33				
1977	-	303.89	40.9	7.43
1978	-	344.86	41.7	8.27
1979	-	383.13	40.5	9.46
1980	-	436.04	40.6	10.74
1981	-	493.61	41.1	12.01
BLAST FURNACES, IRON AND STEEL FOUNDRIES, AND MISC. PRIMARY METALS — SIC 331,2,9				
1977	3.3	283.04	38.3	7.39
1978	3.7	326.58	39.3	8.31
1979	4.2	348.66	39.0	8.94
1980	3.7	377.11	37.9	9.95
1981	3.5	430.88	39.1	11.02
ALUMINUM PRODUCTION AND PROCESSING — SIC 3334,41,53,54,55,61				
1977	9.7	-	-	-
1978	10.9	-	-	-
1979	11.3	-	-	-
1980	11.0	-	-	-
1981	10.5	-	-	-
NONFERROUS METALS, SMELTING, REFINING, ROLLING, DRAWING, AND CASTING — SIC 333-6				
1977	11.4	309.50	41.6	7.44
1978	12.7	350.22	42.4	8.26
1979	13.2	394.01	41.0	9.61
1980	12.9	453.74	41.4	10.96
1981	12.6	510.85	41.6	12.[illegible]
FABRICATED METAL PRODUCTS — SIC 34				
1977	10.1	287.93	38.7	7.44
1978	10.8	310.73	38.6	8.05
1979	11.5	336.30	38.7	8.69
1980	11.7	371.70	38.8	9.58
1981	11.6	418.08	39.0	10.72
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	12.3	257.36	38.7	6.65
1978	13.5	275.46	38.1	7.23
1979	15.1	288.03	38.2	7.54
1980	15.0	330.11	37.9	8.71
1981	15.1	372.48	38.8	9.60
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	7.1	191.67	38.8	4.94
1978	8.2	212.91	38.5	5.53
1979	10.0	226.97	38.6	5.88
1980	11.2	250.97	38.2	6.57
1981	10.6	291.06	38.5	7.56
TRANSPORTATION EQUIPMENT — SIC 37				
1977	62.7	296.68	40.2	7.38
1978	79.8	330.08	40.6	8.13
1979	93.6	372.20	40.5	9.19
1980	98.3	430.36	40.6	10.60
1981	97.8	494.36	41.3	11.97
STATEWIDE (Con.)				
AIRCRAFT AND PARTS — SIC 372				
1977	46.1	-	-	-
1978	59.8	-	-	-
1979	72.6	-	-	-
1980	79.6	-	-	-
1981	79.1	-	-	-
SHIP AND BOAT BUILDING AND REPAIRING — SIC 373				
1977	10.4	-	-	-
1978	13.2	-	-	-
1979	14.3	-	-	-
1980	12.6	-	-	-
1981	13.5	-	-	-
NONDURABLE GOODS				
1977	82.8	245.11	38.6	6.35
1978	83.1	262.05	38.2	6.86
1979	87.3	287.64	37.6	7.65
1980	87.6	321.53	37.3	8.62
1981	85.7	356.22	37.3	9.55
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	31.6	218.15	37.1	5.88
1978	32.8	240.31	37.2	6.46
1979	32.9	259.74	37.0	7.02
1980	31.9	288.04	36.6	7.87
1981	31.3	315.36	36.5	8.64
PRESERVED FRUITS AND VEGETABLES — SIC 203				
1977	11.2	191.62	38.4	4.99
1978	11.6	211.75	38.5	5.50
1979	11.5	222.32	38.2	5.82
1980	11.3	240.90	37.7	6.39
1981	11.2	264.61	36.7	7.21
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	7.4	132.50	36.3	3.65
1978	7.4	144.76	36.1	4.01
1979	7.2	155.49	36.5	4.26
1980	6.5	161.90	34.3	4.72
1981	5.4	189.44	36.5	5.19
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	17.6	323.17	42.3	7.64
1978	14.0	348.99	41.3	8.45
1979	15.9	384.94	39.2	9.82
1980	17.6	435.29	39.5	11.02
1981	17.1	464.47	38.9	11.94
PRINTING AND PUBLISHING — SIC 27				
1977	12.9	284.26	37.7	7.54
1978	14.0	301.93	37.6	8.03
1979	15.4	310.23	36.2	8.57
1980	15.8	345.80	36.4	9.50
1981	15.7	380.54	35.9	10.60
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	7.3	293.14	42.3	6.93
1978	7.9	319.45	42.2	7.57
1979	8.6	348.59	42.1	8.28
1980	8.7	377.57	41.4	9.12
1981	9.1	437.30	41.1	10.64
PETROLEUM AND COAL PRODUCTS — SIC 29				
1977	2.0	304.50	38.9	7.83
1978	2.1	347.38	39.7	8.75
1979	2.1	382.71	39.7	9.64
1980	2.1	404.24	38.1	10.61
1981	2.2	483.98	40.5	11.95

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
TRANSPORTATION AND PUBLIC UTILITIES				
1977	78.9	-	-	-
1978	83.8	-	-	-
1979	89.4	-	-	-
1980	91.4	-	-	-
1981	89.3	-	-	-
RAILROAD TRANSPORTATION — SIC 40				
1977	10.4	-	-	-
1978	10.5	-	-	-
1979	10.6	-	-	-
1980	9.9	-	-	-
1981	9.1	-	-	-
TRANSPORTATION, EXCEPT RAILROADS — SIC 41,42,44-47				
1977	41.8	-	-	-
1978	45.2	-	-	-
1979	46.5	-	-	-
1980	47.6	-	-	-
1981	45.8	-	-	-
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	26.7	282.40	40.0	7.06
1978	29.0	311.45	40.5	7.69
1979	32.3	334.92	40.4	8.29
1980	33.9	354.08	40.1	8.83
1981	34.4	399.19	40.2	9.93
WHOLESALE AND RETAIL TRADE				
1977	329.0	-	-	-
1978	357.8	-	-	-
1979	379.1	-	-	-
1980	381.3	-	-	-
1981	382.7	-	-	-
WHOLESALE AND RETAIL TRADE, EXCEPT EATING AND DRINKING PLACES — SIC 50-57,59				
1977	-	205.35	35.9	5.72
1978	-	225.18	35.8	6.29
1979	-	240.66	35.6	6.76
1980	-	263.73	35.4	7.45
1981	-	285.93	34.7	8.24
WHOLESALE TRADE — SIC 50,51				
1977	89.1	248.82	39.0	6.38
1978	95.5	275.12	39.7	6.93
1979	102.2	292.47	39.1	7.48
1980	100.5	321.65	38.8	8.29
1981	101.1	345.65	37.9	9.12
RETAIL TRADE — SIC 52-59				
1977	239.9	-	-	-
1978	262.3	-	-	-
1979	276.9	-	-	-
1980	280.8	-	-	-
1981	281.6	-	-	-
RETAIL TRADE, EXCEPT EATING AND DRINKING PLACES — SIC 52-57,59				
1977	-	182.48	34.3	5.32
1978	-	199.08	33.8	5.89
1979	-	213.95	33.8	6.33
1980	-	233.18	33.6	6.94
1981	-	253.77	33.0	7.69
FINANCE, INSURANCE, AND REAL ESTATE				
1977	75.0	-	-	-
1978	83.3	-	-	-
1979	89.4	-	-	-
1980	91.8	-	-	-
1981	91.4	-	-	-
FINANCE — SIC 60-62				
1977	-	165.17	-	-
1978	-	181.26	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
FINANCE — SIC 60-62 (Con.)				
1979	-	201.03	-	-
1980	-	213.66	-	-
1981	-	247.79	-	-
SERVICES				
1977	249.3	-	-	-
1978	272.5	-	-	-
1979	290.8	-	-	-
1980	308.5	-	-	-
1981	317.0	-	-	-
LAUNDRIES, CLEANING, AND GARMENT SERVICES — SIC 721				
1977	-	188.87	37.4	5.05
1978	-	208.48	37.7	5.53
1979	-	225.43	37.2	6.06
1980	-	240.97	36.4	6.62
1981	-	260.96	36.6	7.13
GOVERNMENT				
1977	294.9	-	-	-
1978	308.0	-	-	-
1979	315.5	-	-	-
1980	330.8	-	-	-
1981	324.2	-	-	-
FEDERAL GOVERNMENT				
1977	61.9	-	-	-
1978	63.6	-	-	-
1979	64.7	-	-	-
1980	67.9	-	-	-
1981	66.5	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	233.0	-	-	-
1978	244.4	-	-	-
1979	250.8	-	-	-
1980	262.9	-	-	-
1981	257.7	-	-	-
SEATTLE-EVERETT				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	628.9	-	-	-
1978	698.2	-	-	-
1979	760.3	-	-	-
1980	782.6	-	-	-
1981	775.2	-	-	-
CONSTRUCTION				
1977	31.2	-	-	-
1978	38.6	-	-	-
1979	44.8	-	-	-
1980	40.6	-	-	-
1981	37.2	-	-	-
MANUFACTURING				
1977	126.1	272.74	39.3	6.94
1978	147.6	301.80	39.4	7.66
1979	168.4	334.70	39.1	8.56
1980	173.2	373.44	38.9	9.60
1981	168.7	421.74	39.6	10.65
DURABLE GOODS				
1977	98.3	-	-	-
1978	118.1	-	-	-
1979	137.3	-	-	-
1980	142.4	-	-	-
1981	139.2	-	-	-
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	10.6	271.52	38.9	6.98
1978	11.1	293.28	37.6	7.80
1979	11.1	307.44	36.0	8.54
1980	10.1	336.14	36.3	9.26
1981	9.4	392.43	38.1	10.30

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
SEATTLE-EVERETT (Con.)				
FURNITURE AND FIXTURES — SIC 25				
1977	1.4	265.83	37.6	7.07
1978	1.6	278.52	38.9	7.16
1979	1.7	300.44	37.0	8.12
1980	1.6	342.21	37.4	9.15
1981	1.6	303.72	36.2	8.39
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	3.4	300.45	39.9	7.53
1978	3.5	351.54	42.1	8.35
1979	3.6	370.15	40.9	9.05
1980	3.4	394.30	39.7	9.68
1981	3.2	425.66	40.5	10.51
PRIMARY METAL INDUSTRIES — SIC 33				
1977	2.7	284.20	39.2	7.25
1978	3.1	323.60	40.0	8.09
1979	3.6	350.95	39.3	8.93
1980	3.2	373.43	38.3	9.75
1981	2.8	413.29	39.1	10.57
FABRICATED METAL PRODUCTS — SIC 34				
1977	6.3	274.74	38.0	7.23
1978	6.8	255.66	38.1	7.76
1979	7.5	326.63	38.7	8.44
1980	7.4	353.43	38.5	9.18
1981	6.9	401.44	38.6	10.40
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	6.8	307.89	40.3	7.64
1978	7.3	332.48	40.3	8.25
1979	8.2	346.50	38.5	9.00
1980	8.2	404.33	37.3	10.84
1981	8.0	438.20	39.3	11.15
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	5.5	-	-	-
1978	6.6	-	-	-
1979	8.0	-	-	-
1980	9.2	-	-	-
1981	8.7	-	-	-
TRANSPORTATION EQUIPMENT — SIC 37				
1977	57.1	301.90	40.2	7.51
1978	72.9	336.20	40.9	8.22
1979	86.7	381.36	40.7	9.37
1980	92.1	436.24	41.0	10.64
1981	91.1	498.00	41.5	12.00
AIRCRAFT AND PARTS — SIC 372				
1977	45.2	-	-	-
1978	59.1	-	-	-
1979	71.8	-	-	-
1980	78.8	-	-	-
1981	78.2	-	-	-
SHIP AND BOAT BUILDING AND REPAIRING — SIC 373				
1977	7.3	-	-	-
1978	9.1	-	-	-
1979	9.9	-	-	-
1980	8.6	-	-	-
1981	9.1	-	-	-
NONDURABLE GOODS				
1977	27.8	-	-	-
1978	29.5	-	-	-
1979	31.1	-	-	-
1980	30.8	-	-	-
1981	29.5	-	-	-
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	10.0	248.20	36.5	6.80
1978	10.6	264.24	36.0	7.34
1979	11.0	292.94	36.3	8.07
1980	10.7	319.49	36.1	8.85
1981	10.4	355.70	37.6	9.46

See footnotes at end of tables.

WASHINGTON

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Production or nonsupervisory workers: Average weekly hours	Production or nonsupervisory workers: Average hourly earnings (dollars)
SEATTLE-EVERETT (Con.)				
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	4.4	140.94	36.8	3.83
1978	4.6	154.45	36.6	4.22
1979	4.4	169.46	37.0	4.58
1980	3.9	184.28	35.1	5.25
1981	3.2	201.38	37.5	5.37
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	3.4	313.76	42.4	7.40
1978	3.1	338.89	40.2	8.43
1979	3.3	401.70	41.8	9.61
1980	3.7	419.02	41.0	10.22
1981	3.5	476.10	41.8	11.39
PRINTING AND PUBLISHING — SIC 27				
1977	6.8	297.57	39.0	7.63
1978	7.4	317.46	39.0	8.14
1979	8.4	330.98	38.0	8.71
1980	8.7	365.77	37.4	9.78
1981	8.8	403.33	36.8	10.96
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	1.2	303.63	43.5	6.98
1978	1.3	322.08	44.0	7.32
1979	1.4	321.95	39.6	8.13
1980	1.3	335.71	38.9	8.63
1981	1.3	365.38	38.3	9.54
TRANSPORTATION AND PUBLIC UTILITIES				
1977	44.1	-	-	-
1978	47.1	-	-	-
1979	51.3	-	-	-
1980	53.2	-	-	-
1981	51.5	-	-	-
TRANSPORTATION — SIC 40-42,44-47				
1977	30.0	-	-	-
1978	31.6	-	-	-
1979	33.6	-	-	-
1980	34.2	-	-	-
1981	32.0	-	-	-
COMMUNICATION AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	14.1	-	-	-
1978	15.5	-	-	-
1979	17.7	-	-	-
1980	19.0	-	-	-
1981	19.5	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	155.8	-	-	-
1978	170.5	-	-	-
1979	183.8	-	-	-
1980	197.1	-	-	-
1981	186.4	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	44.4	-	-	-
1978	49.6	-	-	-
1979	53.7	-	-	-
1980	56.5	-	-	-
1981	57.3	-	-	-
SERVICES AND MINING				
1977	119.2	-	-	-
1978	131.9	-	-	-
1979	142.9	-	-	-
1980	151.9	-	-	-
1981	155.8	-	-	-
GOVERNMENT				
1977	108.1	-	-	-
1978	112.9	-	-	-
1979	115.4	-	-	-
1980	120.1	-	-	-
1981	118.3	-	-	-
SEATTLE-EVERETT (Con.)				
FEDERAL GOVERNMENT				
1977	16.9	-	-	-
1978	17.6	-	-	-
1979	18.0	-	-	-
1980	18.8	-	-	-
1981	18.1	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	91.1	-	-	-
1978	95.3	-	-	-
1979	97.4	-	-	-
1980	101.3	-	-	-
1981	100.2	-	-	-
STATE AND LOCAL EDUCATION — SIC 82,941				
1977	54.2	-	-	-
1978	55.9	-	-	-
1979	57.3	-	-	-
1980	59.1	-	-	-
1981	57.4	-	-	-
SPOKANE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	114.1	-	-	-
1978	123.6	-	-	-
1979	125.4	-	-	-
1980	127.7	-	-	-
1981	125.0	-	-	-
CONSTRUCTION				
1977	6.6	-	-	-
1978	7.5	-	-	-
1979	7.8	-	-	-
1980	7.0	-	-	-
1981	5.8	-	-	-
MANUFACTURING				
1977	15.7	233.43	39.1	5.97
1978	17.6	256.37	39.2	6.54
1979	17.8	289.91	38.5	7.53
1980	17.0	332.88	38.0	8.76
1981	16.1	359.25	37.5	9.58
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	1.2	195.51	39.9	4.90
1978	1.3	220.34	39.7	5.55
1979	1.3	230.84	36.7	6.29
1980	1.1	[1] 261.93	[1] 37.1	[1] 7.06
1981	.9	[1] 255.88	[1] 37.3	[1] 6.86
PRIMARY METAL INDUSTRIES — SIC 33				
1977	4.1	283.39	40.6	6.98
1978	4.9	328.95	42.5	7.74
1979	5.0	393.57	40.7	9.67
1980	5.0	453.53	40.1	11.31
1981	4.6	500.46	39.2	12.92
FABRICATED METAL PRODUCTS, AND MACHINERY, EXCEPT ELECTRICAL — SIC 34,35				
1977	3.0	222.83	39.3	5.67
1978	3.1	226.95	37.7	6.02
1979	3.5	246.91	38.4	6.43
1980	3.3	[1] 276.70	[1] 37.8	[1] 7.32
1981	3.2	[1] 291.08	[1] 38.3	[1] 7.60
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	1.7	259.16	38.0	6.82
1978	1.8	288.28	38.8	7.43
1979	1.7	317.58	39.5	8.04
1980	1.6	[1] 361.49	[1] 39.9	[1] 9.06
1981	1.5	375.25	39.5	9.50
TRANSPORTATION AND PUBLIC UTILITIES				
1977	7.5	-	-	-
1978	7.9	-	-	-
1979	8.0	-	-	-
1980	8.1	-	-	-
1981	8.2	-	-	-
SPOKANE (Con.)				
WHOLESALE AND RETAIL TRADE				
1977	31.5	-	-	-
1978	34.2	-	-	-
1979	35.8	-	-	-
1980	35.4	-	-	-
1981	35.0	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	7.3	-	-	-
1978	8.0	-	-	-
1979	8.1	-	-	-
1980	8.0	-	-	-
1981	7.8	-	-	-
SERVICES AND MINING				
1977	25.3	-	-	-
1978	27.0	-	-	-
1979	26.2	-	-	-
1980	29.3	-	-	-
1981	30.2	-	-	-
SERVICES INDUSTRIES				
1977	23.2	-	-	-
1978	26.5	-	-	-
1979	25.7	-	-	-
1980	28.7	-	-	-
1981	29.6	-	-	-
GOVERNMENT				
1977	20.2	-	-	-
1978	21.4	-	-	-
1979	21.7	-	-	-
1980	22.9	-	-	-
1981	21.9	-	-	-
TACOMA				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	125.6	-	-	-
1978	134.8	-	-	-
1979	140.1	-	-	-
1980	141.8	-	-	-
1981	141.2	-	-	-
CONSTRUCTION				
1977	6.7	-	-	-
1978	8.1	-	-	-
1979	8.6	-	-	-
1980	7.3	-	-	-
1981	6.8	-	-	-
MANUFACTURING				
1977	20.5	271.07	39.4	6.88
1978	21.3	299.90	39.1	7.67
1979	22.1	321.79	38.4	8.38
1980	22.0	353.82	37.6	9.41
1981	22.2	404.53	38.6	10.48
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	5.6	267.55	40.6	6.59
1978	5.6	288.95	39.8	7.26
1979	5.4	302.57	38.3	7.90
1980	4.7	345.71	38.2	9.05
1981	4.5	378.67	38.6	9.81
FURNITURE AND FIXTURES — SIC 25				
1977	.8	241.42	37.9	6.37
1978	.7	264.92	37.9	6.99
1979	.7	282.35	37.2	7.59
1980	.7	302.15	35.8	8.44
1981	.6	322.08	35.2	9.15
PRIMARY METAL INDUSTRIES — SIC 33				
1977	1.8	296.86	39.9	7.44
1978	1.9	326.40	40.0	8.16
1979	2.0	346.33	39.4	8.79
1980	1.8	373.54	38.0	9.83
1981	2.1	446.12	40.3	11.07

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
TACOMA (Con.)				
FABRICATED METAL PRODUCTS, AND MACHINERY, EXCEPT ELECTRICAL — SIC 34,35				
1977	1.7	344.93	36.5	9.45
1978	2.0	369.66	36.1	10.24
1979	1.8	400.60	37.3	10.74
1980	2.0	430.56	36.0	11.96
1981	2.6	487.60	36.8	13.25
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	2.6	231.33	38.3	6.04
1978	2.6	259.29	38.7	6.70
1979	2.5	262.63	37.2	7.06
1980	2.6	299.49	39.2	7.64
1981	2.4	318.20	38.9	8.18
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	1.7	317.55	45.3	7.01
1978	1.4	337.02	40.9	8.24
1979	1.5	368.74	40.7	9.06
1980	1.5	440.10	[1] 40.6	[1] 10.84
1981	1.5	475.47	40.5	11.74
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	.9	297.75	40.9	7.28
1978	.8	320.58	41.1	7.80
1979	.9	355.74	42.0	8.47
1980	.9	384.21	40.7	9.44
1981	.9	420.40	40.0	10.51
TRANSPORTATION AND PUBLIC UTILITIES				
1977	6.0	-	-	-
1978	6.4	-	-	-
1979	6.6	-	-	-
1980	6.7	-	-	-
1981	6.5	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	29.7	-	-	-
1978	32.0	-	-	-
1979	33.2	-	-	-
1980	32.9	-	-	-
1981	33.3	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	6.1	-	-	-
1978	6.7	-	-	-
1979	7.1	-	-	-
1980	7.0	-	-	-
1981	6.9	-	-	-
SERVICES AND MINING				
1977	25.9	-	-	-
1978	28.3	-	-	-
1979	30.2	-	-	-
1980	31.3	-	-	-
1981	32.3	-	-	-
GOVERNMENT				
1977	30.7	-	-	-
1978	32.0	-	-	-
1979	32.3	-	-	-
1980	34.6	-	-	-
1981	33.2	-	-	-
FEDERAL GOVERNMENT				
1977	8.8	-	-	-
1978	8.7	-	-	-
1979	8.7	-	-	-
1980	8.9	-	-	-
1981	8.9	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	21.9	-	-	-
1978	23.3	-	-	-
1979	23.6	-	-	-
1980	25.7	-	-	-
1981	24.3	-	-	-

See footnotes at end of tables.

WEST VIRGINIA

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	611.6	-	-	-
1978	633.1	-	-	-
1979	658.6	-	-	-
1980	645.9	-	-	-
1981	624.0	-	-	-
MINING				
1977	66.7	-	-	-
1978	56.7	-	-	-
1979	68.0	-	-	-
1980	65.7	-	-	-
1981	58.0	-	-	-
BITUMINOUS COAL AND LIGNITE MINING — SIC 12				
1977	62.1	307.83	35.1	8.77
1978	51.6	391.64	39.6	9.89
1979	62.5	411.69	39.7	10.37
1980	59.7	430.95	39.0	11.05
1981	51.4	474.01	38.6	12.28
CONSTRUCTION				
1977	39.0	320.76	35.6	9.01
1978	43.7	361.72	36.5	9.91
1979	39.0	393.31	37.0	10.63
1980	35.8	424.40	38.2	11.11
1981	28.4	466.12	37.2	12.53
MANUFACTURING				
1977	123.8	239.37	39.5	6.06
1978	126.6	264.53	39.6	6.68
1979	126.1	293.44	39.6	7.41
1980	117.2	316.74	39.2	8.08
1981	111.4	346.72	39.4	8.80
DURABLE GOODS				
1977	73.1	248.29	39.1	6.35
1978	75.1	276.75	39.2	7.06
1979	75.5	311.26	39.4	7.90
1980	69.0	337.51	39.2	8.61
1981	65.2	362.21	39.2	9.24
LUMBER, AND FURNITURE — SIC 24,25				
1977	6.6	-	-	-
1978	7.0	-	-	-
1979	7.2	-	-	-
1980	6.7	-	-	-
1981	6.1	-	-	-
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	17.8	212.57	38.3	5.55
1978	18.1	234.85	38.5	6.10
1979	16.5	258.52	38.7	6.68
1980	14.8	285.71	39.3	7.27
1981	13.8	303.02	38.7	7.83
GLASS AND GLASS PRODUCTS — SIC 321-3				
1977	11.5	213.33	38.3	5.57
1978	12.0	230.51	38.1	6.05
1979	10.3	253.99	38.6	6.58
1980	8.7	282.17	39.3	7.18
1981	8.1	293.36	38.6	7.60
POTTERY AND RELATED PRODUCTS — SIC 326				
1977	2.6	159.35	35.1	4.54
1978	2.3	181.71	35.7	5.09
1979	2.5	195.71	35.2	5.56
1980	2.9	226.04	36.4	6.21
1981	2.6	258.81	37.4	6.92

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
PRIMARY METAL INDUSTRIES — SIC 33				
1977	24.4	331.43	38.9	8.52
1978	24.2	376.49	39.3	9.58
1979	24.8	420.16	39.6	10.61
1980	23.1	452.78	38.6	11.73
1981	22.2	498.58	38.5	12.95
FABRICATED METAL PRODUCTS — SIC 34				
1977	7.5	221.48	39.2	5.65
1978	8.1	248.32	38.8	6.40
1979	8.6	275.89	39.3	7.02
1980	7.9	307.30	38.8	7.92
1981	8.3	319.81	38.3	8.35
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	7.5	215.60	38.5	5.60
1978	7.8	239.60	39.8	6.02
1979	8.2	272.45	39.6	6.88
1980	7.5	292.20	38.6	7.57
1981	6.8	329.67	40.6	8.12
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	4.4	266.40	45.0	5.92
1978	4.4	288.83	45.2	6.39
1979	4.3	317.69	43.4	7.32
1980	4.2	348.87	43.5	8.02
1981	4.0	371.00	42.4	8.75
TRANSPORTATION EQUIPMENT — SIC 37				
1977	3.3	295.30	40.9	7.22
1978	3.4	326.77	41.0	7.97
1979	3.8	360.45	41.1	8.77
1980	3.4	387.43	39.9	9.71
1981	2.6	397.96	40.9	9.73
NONDURABLE GOODS				
1977	50.6	221.75	40.1	5.53
1978	51.5	241.80	40.3	6.00
1979	50.7	262.40	40.0	6.56
1980	48.2	281.78	39.3	7.17
1981	46.2	322.38	39.8	8.10
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	5.5	176.73	41.1	4.30
1978	5.9	193.02	41.6	4.64
1979	6.2	206.55	40.9	5.05
1980	6.0	232.06	41.0	5.66
1981	5.5	248.21	41.3	6.01
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	6.3	109.55	33.4	3.28
1978	5.8	121.36	33.9	3.58
1979	5.0	123.83	32.5	3.81
1980	4.6	153.28	34.6	4.43
1981	4.5	167.46	34.6	4.84
PRINTING AND PUBLISHING — SIC 27				
1977	4.6	195.70	38.0	5.15
1978	4.7	216.96	38.4	5.65
1979	4.6	235.63	37.7	6.25
1980	4.5	237.83	36.2	6.57
1981	4.3	259.88	36.5	7.12
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	25.4	302.72	43.0	7.04
1978	25.9	331.34	43.2	7.67
1979	25.8	362.85	43.3	8.38
1980	24.2	399.11	42.1	9.48
1981	23.5	462.25	43.0	10.75

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS — SIC 30				
1977	2.3	131.89	37.9	3.48
1978	2.6	145.92	37.9	3.85
1979	2.8	162.89	38.6	4.22
1980	2.9	176.99	37.9	4.67
1981	2.8	198.35	37.9	5.26
TRANSPORTATION AND PUBLIC UTILITIES				
1977	40.7	-	-	-
1978	40.2	-	-	-
1979	43.8	-	-	-
1980	43.1	-	-	-
1981	41.5	-	-	-
TRANSPORTATION — SIC 40-42,44-47				
1977	20.9	-	-	-
1978	19.7	-	-	-
1979	22.3	-	-	-
1980	20.9	-	-	-
1981	19.1	-	-	-
ELECTRIC, GAS, AND SANITARY SERVICES — SIC 49				
1977	11.6	275.90	44.5	6.20
1978	11.7	292.82	44.3	6.61
1979	12.2	314.08	42.5	7.39
1980	12.7	346.58	43.0	8.06
1981	13.0	383.62	43.2	8.88
WHOLESALE AND RETAIL TRADE				
1977	123.4	-	-	-
1978	131.8	-	-	-
1979	131.9	-	-	-
1980	129.4	-	-	-
1981	131.0	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	31.1	217.98	-	-
1978	33.0	240.50	-	-
1979	32.7	254.72	-	-
1980	31.6	303.33	-	-
1981	32.8	321.85	-	-
RETAIL TRADE — SIC 52-59				
1977	92.3	-	-	-
1978	98.9	-	-	-
1979	99.2	-	-	-
1980	97.8	-	-	-
1981	98.2	-	-	-
GENERAL MERCHANDISE STORES — SIC 53				
1977	17.9	102.54	-	-
1978	18.8	111.61	-	-
1979	18.3	119.29	-	-
1980	17.8	126.87	-	-
1981	17.6	137.25	-	-
FOOD STORES — SIC 54				
1980	18.0	-	-	-
1981	18.1	-	-	-
AUTOMOTIVE DEALERS AND SERVICE STATIONS — SIC 55				
1980	13.7	-	-	-
1981	13.0	-	-	-
EATING AND DRINKING PLACES — SIC 58				
1980	23.5	-	-	-
1981	24.6	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
FINANCE, INSURANCE, AND REAL ESTATE				
1977	20.0	-	-	-
1978	21.2	-	-	-
1979	21.7	-	-	-
1980	22.0	-	-	-
1981	22.0	-	-	-
BANKING — SIC 60				
1977	8.3	129.77	-	-
1978	8.9	139.43	-	-
1979	9.3	151.12	-	-
1980	9.6	163.97	-	-
1981	9.6	178.58	-	-
SERVICES				
1977	86.9	-	-	-
1978	92.7	-	-	-
1979	97.8	-	-	-
1980	99.5	-	-	-
1981	101.2	-	-	-
BUSINESS SERVICES — SIC 73				
1980	13.8	-	-	-
1981	12.8	-	-	-
HEALTH SERVICES — SIC 80				
1980	36.5	-	-	-
1981	39.1	-	-	-
GOVERNMENT				
1977	111.0	-	-	-
1978	120.3	-	-	-
1979	130.1	-	-	-
1980	133.1	-	-	-
1981	130.5	-	-	-
FEDERAL GOVERNMENT				
1977	15.4	-	-	-
1978	15.5	-	-	-
1979	15.8	-	-	-
1980	16.9	-	-	-
1981	16.1	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	95.6	-	-	-
1978	104.8	-	-	-
1979	114.3	-	-	-
1980	116.3	-	-	-
STATE GOVERNMENT				
1980	45.6	-	-	-
1981	44.3	-	-	-
STATE EDUCATION — SIC 82,941				
1980	15.8	-	-	-
1981	16.5	-	-	-
LOCAL GOVERNMENT				
1980	70.6	-	-	-
1981	70.1	-	-	-
LOCAL EDUCATION — SIC 82,941				
1980	45.0	-	-	-
1981	44.3	-	-	-
CHARLESTON				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	109.9	-	-	-
1978	113.2	-	-	-
1979	118.4	-	-	-
1980	115.0	-	-	-
1981	110.4	-	-	-
MINING				
1977	6.1	-	-	-
1978	5.8	-	-	-
1979	7.5	-	-	-
CHARLESTON (CON.)				
MINING (Con.)				
1980	6.8	-	-	-
1981	5.9	-	-	-
BITUMINOUS COAL AND LIGNITE MINING — SIC 12				
1977	5.6	-	-	-
1978	5.1	-	-	-
1979	6.8	-	-	-
1980	6.1	-	-	-
1981	5.1	-	-	-
CONSTRUCTION				
1977	7.5	-	-	-
1978	7.2	-	-	-
1979	7.2	-	-	-
1980	6.7	-	-	-
1981	5.7	-	-	-
MANUFACTURING				
1977	19.7	277.97	41.8	6.65
1978	19.7	307.40	42.4	7.25
1979	19.6	326.04	41.8	7.80
1980	17.6	365.25	41.6	8.78
1981	16.7	419.48	42.5	9.87
DURABLE GOODS				
1977	3.6	246.31	39.6	6.22
1978	3.6	278.24	40.5	6.87
1979	3.8	281.39	39.3	7.16
1980	3.2	328.04	40.3	8.14
1981	2.8	344.97	40.3	8.56
FABRICATED METAL PRODUCTS — SIC 34				
1977	1.9	-	-	-
1978	2.0	-	-	-
1979	2.2	-	-	-
1980	2.1	-	-	-
1981	1.9	-	-	-
NONDURABLE GOODS				
1977	16.1	287.73	42.5	6.77
1978	16.1	316.48	43.0	7.36
1979	15.8	341.17	42.7	7.99
1980	14.4	379.74	42.1	9.02
1981	13.9	441.78	43.1	10.25
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	14.0	308.02	43.2	7.13
1978	13.9	339.11	43.7	7.76
1979	13.5	366.27	43.5	8.42
1980	12.1	415.48	43.1	9.64
1981	11.8	480.85	44.4	10.83
TRANSPORTATION AND PUBLIC UTILITIES				
1977	9.2	-	-	-
1978	9.3	-	-	-
1979	10.0	-	-	-
1980	9.8	-	-	-
1981	9.5	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	25.3	-	-	-
1978	26.8	-	-	-
1979	27.3	-	-	-
1980	26.5	-	-	-
1981	26.2	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	7.8	-	-	-
1978	8.2	-	-	-
1979	8.2	-	-	-
1980	8.1	-	-	-
1981	8.0	-	-	-
RETAIL TRADE — SIC 52-59				
1977	17.5	-	-	-
1978	18.6	-	-	-
1979	19.2	-	-	-
CHARLESTON (CON.)				
RETAIL TRADE — SIC 52-59 (Con.)				
1980	18.5	-	-	-
1981	18.2	-	-	-
GENERAL MERCHANDISE STORES — SIC 53				
1977	3.7	-	-	-
1978	4.0	-	-	-
1979	3.9	-	-	-
1980	3.7	-	-	-
1981	3.4	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	4.8	-	-	-
1978	4.9	-	-	-
1979	5.1	-	-	-
1980	5.2	-	-	-
1981	5.2	-	-	-
SERVICES				
1977	18.5	-	-	-
1978	19.6	-	-	-
1979	20.1	-	-	-
1980	20.2	-	-	-
1981	20.7	-	-	-
HEALTH SERVICES — SIC 80				
1980	7.7	-	-	-
1981	8.3	-	-	-
GOVERNMENT				
1977	18.7	-	-	-
1978	19.9	-	-	-
1979	21.6	-	-	-
1980	22.1	-	-	-
1981	20.6	-	-	-
FEDERAL GOVERNMENT				
1977	1.3	-	-	-
1978	1.3	-	-	-
1979	1.3	-	-	-
1980	1.4	-	-	-
1981	1.4	-	-	-
STATE GOVERNMENT				
1980	11.4	-	-	-
1981	10.3	-	-	-
LOCAL GOVERNMENT				
1980	9.3	-	-	-
1981	8.9	-	-	-
HUNTINGTON-ASHLAND				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	102.1	-	-	-
1978	106.4	-	-	-
1979	109.0	-	-	-
1980	104.3	-	-	-
1981	102.4	-	-	-
MINING				
1977	1.0	-	-	-
1978	.9	-	-	-
1979	1.1	-	-	-
1980	1.2	-	-	-
1981	1.1	-	-	-
CONSTRUCTION				
1977	6.7	-	-	-
1978	8.1	-	-	-
1979	7.3	-	-	-
1980	5.8	-	-	-
1981	5.1	-	-	-
MANUFACTURING				
1977	29.3	258.57	39.0	6.63
1978	29.1	289.87	39.6	7.32
1979	29.1	323.44	39.3	8.23

See footnotes at end of tables.

WEST VIRGINIA

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
HUNTINGTON-ASHLAND (CON.)				
MANUFACTURING (Con.)				
1980	26.5	360.38	39.3	9.17
1981	24.6	393.62	39.6	9.94
DURABLE GOODS				
1977	19.8	275.80	39.4	7.00
1978	19.9	311.18	40.1	7.76
1979	20.6	346.58	39.7	8.73
1980	18.5	386.89	39.6	9.77
1981	16.5	420.95	39.9	10.55
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	3.4	243.90	41.2	5.92
1978	3.5	273.00	42.0	6.50
1979	3.4	297.32	41.7	7.13
1980	3.1	346.76	42.6	8.14
1981	2.5	364.59	42.1	8.66
PRIMARY AND FABRICATED METALS — SIC 33,34				
1977	10.8	298.75	38.4	7.78
1978	11.0	341.73	39.1	8.74
1979	11.5	374.92	39.3	9.54
1980	10.3	423.55	38.4	11.03
1981	9.7	464.79	38.7	12.01
MACHINERY, AND TRANSPORTATION EQUIPMENT — SIC 35-37				
1980	4.1	391.82	40.9	9.58
1981	3.4	423.85	41.8	10.14
NONDURABLE GOODS				
1977	9.4	210.52	38.0	5.54
1978	9.2	228.82	38.2	5.99
1979	8.5	249.48	37.8	6.60
1980	8.0	279.21	38.3	7.29
1981	8.0	301.47	38.6	7.81
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	1.6	–	–	–
1978	1.5	–	–	–
1979	1.3	–	–	–
1980	1.2	–	–	–
1981	1.3	–	–	–
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	2.2	–	–	–
1978	1.9	–	–	–
1979	1.4	–	–	–
1980	1.2	–	–	–
1981	1.0	–	–	–
TRANSPORTATION AND PUBLIC UTILITIES				
1977	9.4	–	–	–
1978	9.2	–	–	–
1979	10.1	–	–	–
1980	9.6	–	–	–
1981	9.4	–	–	–
WHOLESALE AND RETAIL TRADE				
1977	21.7	–	–	–
1978	23.2	–	–	–
1979	23.8	–	–	–
1980	23.3	–	–	–
1981	24.2	–	–	–
WHOLESALE TRADE — SIC 50,51				
1977	5.0	–	–	–
1978	5.3	–	–	–
1979	5.6	–	–	–
1980	5.6	–	–	–
1981	5.5	–	–	–
RETAIL TRADE — SIC 52-59				
1977	16.7	–	–	–
1978	17.9	–	–	–
1979	18.2	–	–	–
1980	17.8	–	–	–
1981	18.7	–	–	–

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
HUNTINGTON-ASHLAND (CON.)				
GENERAL MERCHANDISE STORES — SIC 53				
1977	3.1	–	–	–
1978	3.4	–	–	–
1979	3.2	–	–	–
1980	3.2	–	–	–
1981	3.7	–	–	–
FINANCE, INSURANCE, AND REAL ESTATE				
1977	3.5	–	–	–
1978	3.8	–	–	–
1979	4.0	–	–	–
1980	3.9	–	–	–
1981	3.7	–	–	–
SERVICES				
1977	13.9	–	–	–
1978	14.7	–	–	–
1979	15.7	–	–	–
1980	15.5	–	–	–
1981	15.6	–	–	–
HEALTH SERVICES — SIC 80				
1980	5.5	–	–	–
1981	5.7	–	–	–
GOVERNMENT				
1977	16.7	–	–	–
1978	17.4	–	–	–
1979	18.0	–	–	–
1980	18.4	–	–	–
1981	18.6	–	–	–
FEDERAL GOVERNMENT				
1977	2.5	–	–	–
1978	2.6	–	–	–
1979	2.6	–	–	–
1980	2.6	–	–	–
1981	2.5	–	–	–
STATE AND LOCAL GOVERNMENT				
1977	14.2	–	–	–
1978	14.8	–	–	–
1979	15.4	–	–	–
1980	16.1	–	–	–
STATE GOVERNMENT				
1980	4.7	–	–	–
1981	4.7	–	–	–
LOCAL GOVERNMENT				
1980	11.1	–	–	–
1981	11.4	–	–	–
PARKERSBURG-MARIETTA				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	54.7	–	–	–
1978	56.9	–	–	–
1979	59.3	–	–	–
1980	58.8	–	–	–
1981	58.6	–	–	–
MINING				
1977	.5	–	–	–
1978	.5	–	–	–
1979	.7	–	–	–
1980	.9	–	–	–
1981	1.3	–	–	–
CONSTRUCTION				
1977	3.3	–	–	–
1978	3.6	–	–	–
1979	3.7	–	–	–
1980	3.6	–	–	–
1981	3.2	–	–	–

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
PARKERSBURG-MARIETTA (Con.)				
MANUFACTURING				
1977	17.2	253.03	40.1	6.31
1978	17.6	280.17	40.9	6.85
1979	18.2	309.59	41.5	7.46
1980	17.0	336.61	40.9	8.23
1981	16.7	378.53	41.1	9.21
DURABLE GOODS				
1977	9.4	232.26	39.3	5.91
1978	9.8	260.65	40.1	6.50
1979	10.1	284.90	40.7	7.00
1980	9.1	308.74	40.2	7.68
1981	8.7	341.70	40.2	8.50
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	2.7	233.24	39.2	5.95
1978	2.8	257.36	39.9	6.45
1979	2.7	286.23	40.6	7.05
1980	2.6	309.64	39.8	7.78
1981	2.5	358.98	41.5	8.65
PRIMARY AND FABRICATED METALS — SIC 33,34				
1977	4.2	246.24	38.9	6.33
1978	4.5	285.65	41.1	6.95
1979	5.0	313.76	42.4	7.40
1980	4.4	339.49	41.2	8.24
1981	4.1	370.17	40.5	9.14
NONDURABLE GOODS				
1977	7.9	283.04	41.2	6.87
1978	7.8	305.87	41.9	7.30
1979	8.1	342.98	42.5	8.07
1980	7.9	373.69	41.8	8.94
1981	8.0	429.94	42.4	10.14
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	5.5	–	–	–
1978	5.5	–	–	–
1979	5.7	–	–	–
1980	5.8	–	–	–
1981	6.0	–	–	–
TRANSPORTATION AND PUBLIC UTILITIES				
1977	2.5	–	–	–
1978	2.6	–	–	–
1979	2.7	–	–	–
1980	2.5	–	–	–
1981	2.4	–	–	–
WHOLESALE AND RETAIL TRADE				
1977	11.8	–	–	–
1978	12.5	–	–	–
1979	13.0	–	–	–
1980	12.9	–	–	–
1981	12.9	–	–	–
WHOLESALE TRADE — SIC 50,51				
1977	2.1	–	–	–
1978	2.2	–	–	–
1979	2.3	–	–	–
1980	2.3	–	–	–
1981	2.5	–	–	–
RETAIL TRADE — SIC 52-59				
1977	9.6	–	–	–
1978	10.3	–	–	–
1979	10.7	–	–	–
1980	10.6	–	–	–
1981	10.5	–	–	–
GENERAL MERCHANDISE STORES — SIC 53				
1977	2.1	–	–	–
1978	2.2	–	–	–
1979	2.2	–	–	–
1980	2.1	–	–	–
1981	2.0	–	–	–

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
PARKERSBURG-MARIETTA (Con.)				
FINANCE, INSURANCE, AND REAL ESTATE				
1977	1.9	-	-	-
1978	2.0	-	-	-
1979	2.0	-	-	-
1980	2.0	-	-	-
1981	2.1	-	-	-
SERVICES				
1977	8.2	-	-	-
1978	8.7	-	-	-
1979	9.4	-	-	-
1980	10.1	-	-	-
1981	10.2	-	-	-
HEALTH SERVICES — SIC 80				
1980	3.5	-	-	-
1981	3.5	-	-	-
GOVERNMENT				
1977	9.5	-	-	-
1978	9.5	-	-	-
1979	9.8	-	-	-
1980	9.8	-	-	-
1981	9.8	-	-	-
FEDERAL GOVERNMENT				
1977	1.8	-	-	-
1978	1.8	-	-	-
1979	1.9	-	-	-
1980	1.9	-	-	-
1981	1.9	-	-	-
STATE GOVERNMENT				
1980	1.6	-	-	-
1981	1.6	-	-	-
LOCAL GOVERNMENT				
1980	6.3	-	-	-
1981	6.3	-	-	-
WHEELING				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	64.8	-	-	-
1978	65.5	-	-	-
1979	67.9	-	-	-
1980	65.7	-	-	-
1981	63.8	-	-	-
MINING				
1977	6.8	-	-	-
1978	6.1	-	-	-
1979	7.4	-	-	-
1980	5.6	-	-	-
1981	4.3	-	-	-
BITUMINOUS COAL AND LIGNITE MINING — SIC 12				
1977	6.8	-	-	-
1978	6.0	-	-	-
1979	7.3	-	-	-
1980	5.6	-	-	-
1981	4.2	-	-	-
CONSTRUCTION				
1977	3.7	-	-	-
1978	3.7	-	-	-
1979	3.1	-	-	-
1980	3.0	-	-	-
1981	2.5	-	-	-
MANUFACTURING				
1977	13.9	249.46	40.3	6.19
1978	13.8	281.88	40.5	6.96
1979	13.4	306.40	40.0	7.66
1980	11.7	344.66	39.3	8.77
1981	11.8	389.05	39.1	9.95
WHEELING (Con.)				
DURABLE GOODS				
1977	8.7	252.86	40.2	6.29
1978	8.6	286.42	40.8	7.02
1979	8.2	310.42	39.9	7.78
1980	6.6	353.86	39.1	9.05
1981	6.8	388.26	39.1	9.93
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	1.1	195.15	37.1	5.26
1978	1.0	208.13	37.3	5.58
1979	.9	224.32	37.2	6.03
1980	1.0	241.70	36.9	6.55
1981	.9	274.13	37.5	7.31
PRIMARY AND FABRICATED METALS — SIC 33,34				
1977	4.8	277.70	39.9	6.96
1978	4.6	327.61	40.9	8.01
1979	4.2	356.25	40.3	8.84
1980	3.9	391.61	39.2	9.99
1981	4.2	420.53	38.3	10.98
MACHINERY, AND TRANSPORTATION EQUIPMENT — SIC 35-37				
1980	1.6	332.51	40.5	8.21
1981	1.6	378.78	41.9	9.04
NONDURABLE GOODS				
1977	5.2	242.40	40.4	6.00
1978	5.1	273.60	40.0	6.84
1979	5.3	299.49	40.2	7.45
1980	5.1	328.64	39.5	8.32
1981	4.9	389.83	39.1	9.97
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	2.5	330.86	45.2	7.32
1978	2.5	362.32	43.6	8.31
1979	2.6	393.38	44.2	8.90
1980	2.7	439.26	42.4	10.36
1981	2.7	526.99	41.3	12.76
TRANSPORTATION AND PUBLIC UTILITIES				
1977	3.7	-	-	-
1978	3.6	-	-	-
1979	3.8	-	-	-
1980	3.8	-	-	-
1981	3.6	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	14.3	-	-	-
1978	15.0	-	-	-
1979	15.8	-	-	-
1980	15.6	-	-	-
1981	15.1	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	3.2	-	-	-
1978	3.2	-	-	-
1979	3.2	-	-	-
1980	3.1	-	-	-
1981	2.9	-	-	-
RETAIL TRADE — SIC 52-59				
1977	11.2	-	-	-
1978	11.9	-	-	-
1979	12.6	-	-	-
1980	12.5	-	-	-
1981	12.2	-	-	-
GENERAL MERCHANDISE STORES — SIC 53				
1977	2.1	-	-	-
1978	2.4	-	-	-
1979	2.8	-	-	-
1980	2.7	-	-	-
1981	2.6	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	2.4	-	-	-
1978	2.5	-	-	-
WHEELING (Con.)				
FINANCE, INSURANCE, AND REAL ESTATE (Con.)				
1979	2.7	-	-	-
1980	2.7	-	-	-
1981	2.8	-	-	-
SERVICES				
1977	12.4	-	-	-
1978	12.8	-	-	-
1979	13.1	-	-	-
1980	13.8	-	-	-
1981	14.0	-	-	-
HEALTH SERVICES — SIC 80				
1980	6.8	-	-	-
1981	7.0	-	-	-
GOVERNMENT				
1977	7.5	-	-	-
1978	7.9	-	-	-
1979	8.7	-	-	-
1980	9.4	-	-	-
1981	9.6	-	-	-
FEDERAL GOVERNMENT				
1977	.7	-	-	-
1978	.7	-	-	-
1979	.6	-	-	-
1980	.6	-	-	-
1981	.6	-	-	-
STATE GOVERNMENT				
1980	2.0	-	-	-
1981	2.1	-	-	-
LOCAL GOVERNMENT				
1980	6.8	-	-	-
1981	6.9	-	-	-

See footnotes at end of tables.

WISCONSIN

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	1,798.9	-	-	-
1978	1,887.0	-	-	-
1979	1,960.2	-	-	-
1980	1,938.1	-	-	-
1981	1,919.9	-	-	-
MINING				
1977	2.6	-	-	-
1978	2.6	-	-	-
1979	2.6	-	-	-
1980	2.6	-	-	-
1981	2.2	-	-	-
CONSTRUCTION				
1977	73.7	-	-	-
1978	78.5	-	-	-
1979	80.5	-	-	-
1980	70.1	-	-	-
1981	60.7	-	-	-
MANUFACTURING				
1977	548.4	250.06	40.6	6.16
1978	569.7	274.21	41.0	6.69
1979	591.3	297.00	40.9	7.27
1980	558.0	323.10	40.2	8.03
1981	543.1	352.55	40.1	8.80
DURABLE GOODS				
1977	351.1	252.30	40.4	6.25
1978	373.7	278.75	41.0	6.80
1979	393.7	301.63	40.9	7.38
1980	364.4	327.55	40.0	8.19
1981	349.8	359.14	39.9	9.00
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	21.7	159.52	35.3	4.52
1978	23.4	185.47	37.9	4.90
1979	23.3	210.31	39.6	5.31
1980	20.7	227.86	38.9	5.86
1981	19.9	247.58	38.6	6.42
SAWMILLS AND PLANING MILLS — SIC 242				
1977	2.3	-	-	-
1978	2.7	-	-	-
1979	3.0	-	-	-
1980	3.0	-	-	-
1981	2.8	-	-	-
MILLWORK, PLYWOOD AND STRUCTURAL MEMBERS — SIC 243				
1979	10.5	-	-	-
1980	9.3	-	-	-
1981	9.4	-	-	-
FURNITURE AND FIXTURES — SIC 25				
1977	9.7	190.96	40.2	4.75
1978	10.2	212.19	40.1	5.30
1979	10.5	228.39	40.2	5.68
1980	9.6	236.63	38.8	6.10
1981	9.3	262.85	39.9	6.59
HOUSEHOLD FURNITURE — SIC 251				
1979	4.6	-	-	-
1980	4.1	-	-	-
1981	4.1	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1977	9.5	253.43	43.1	5.89
1978	9.8	274.92	43.0	6.39
1979	10.0	286.63	42.3	6.77
1980	9.1	312.66	41.7	7.49
1981	8.2	333.67	41.2	8.10
CONCRETE, GYPSUM, AND PLASTER PRODUCTS — SIC 327				
1979	5.2	-	-	-
1980	4.6	-	-	-
1981	3.7	-	-	-
PRIMARY METAL INDUSTRIES — SIC 33				
1977	25.9	264.27	41.4	6.38
1978	28.0	285.75	41.7	6.85
1979	29.6	307.61	41.5	7.41
1980	26.1	322.72	39.8	8.10
1981	25.5	357.34	39.7	9.00
IRON AND STEEL FOUNDRIES — SIC 332				
1979	18.0	-	-	-
1980	15.7	318.21	39.7	8.02
1981	15.1	354.56	40.0	8.87
FABRICATED METAL PRODUCTS — SIC 34				
1977	56.0	252.78	40.6	6.23
1978	59.4	275.04	41.1	6.69
1979	60.9	293.76	40.9	7.19
1980	58.4	323.28	40.0	8.07
1981	56.7	349.28	39.4	8.87
PLUMBING AND HEATING, EXCEPT ELECTRIC — SIC 343				
1979	6.3	-	-	-
1980	6.0	-	-	-
1981	5.5	-	-	-
FABRICATED STRUCTURAL METAL PRODUCTS — SIC 344				
1979	15.2	-	-	-
1980	14.4	310.07	41.0	7.57
1981	13.7	343.92	40.6	8.48
METAL FORGINGS AND STAMPINGS — SIC 346				
1979	16.0	-	-	-
1980	16.5	331.74	38.8	8.55
1981	16.1	356.98	38.2	9.33
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	116.5	277.43	40.7	6.81
1978	123.4	311.28	41.6	7.48
1979	134.5	338.19	41.7	8.12
1980	125.7	366.26	40.5	9.04
1981	118.7	404.15	40.5	9.99
ENGINES AND TURBINES — SIC 351				
1979	28.5	-	-	-
1980	24.2	379.14	39.6	9.57
1981	22.2	424.81	40.1	10.59
FARM AND GARDEN MACHINERY — SIC 352				
1979	20.3	-	-	-
1980	18.5	390.87	40.9	9.55
1981	16.1	434.27	40.6	10.69
CONSTRUCTION AND RELATED MACHINERY — SIC 353				
1979	23.0	-	-	-
1980	20.7	388.15	40.7	9.54
1981	18.7	417.14	40.0	10.44

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
METALWORKING MACHINERY — SIC 354				
1979	12.5	-	-	-
1980	12.4	373.07	41.3	9.04
1981	12.7	402.95	40.6	9.93
SPECIAL INDUSTRY MACHINERY — SIC 355				
1979	12.5	-	-	-
1980	13.0	365.88	42.3	8.65
1981	12.4	396.58	42.0	9.44
GENERAL INDUSTRIAL MACHINERY — SIC 356				
1979	17.9	-	-	-
1980	17.4	389.77	40.9	9.52
1981	17.4	432.00	40.8	10.59
REFRIGERATION AND SERVICE MACHINERY — SIC 358				
1979	8.1	-	-	-
1980	8.3	-	-	-
1981	8.2	-	-	-
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	50.3	228.28	40.4	5.65
1978	54.6	252.41	41.1	6.15
1979	58.2	271.94	40.6	6.70
1980	56.8	301.16	39.8	7.56
1981	55.3	330.92	40.1	8.25
ELECTRICAL INDUSTRIAL APPARATUS — SIC 362				
1979	23.8	-	-	-
1980	22.5	321.35	40.1	8.02
1981	21.8	356.87	41.1	8.68
HOUSEHOLD APPLIANCES — SIC 363				
1979	7.8	-	-	-
1980	7.5	-	-	-
1981	6.9	-	-	-
TRANSPORTATION EQUIPMENT — SIC 37				
1977	40.0	313.10	41.3	7.58
1978	41.9	335.91	41.1	8.18
1979	42.6	363.26	40.4	9.00
1980	34.7	399.64	40.0	9.99
1981	33.3	446.60	40.0	11.18
MOTOR VEHICLES AND EQUIPMENT — SIC 371				
1979	33.4	-	-	-
1980	26.3	-	-	-
1981	25.0	-	-	-
INSTRUMENTS AND RELATED PRODUCTS — SIC 38				
1977	11.0	199.60	39.9	5.00
1978	12.0	218.60	39.8	5.49
1979	12.4	228.18	38.7	5.90
1980	12.4	257.65	38.9	6.62
1981	12.2	283.56	39.2	7.24
NONDURABLE GOODS				
1977	189.3	245.89	41.1	5.99
1978	196.0	265.26	40.9	6.49
1979	197.6	287.47	40.9	7.03
1980	193.6	314.50	40.6	7.74
1981	193.2	340.31	40.4	8.42
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	64.1	260.55	40.8	6.38
1978	64.1	281.06	40.2	6.99
1979	64.6	302.33	40.8	7.41
1980	64.9	323.47	40.4	8.00
1981	65.3	337.85	39.6	8.54

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Production or nonsupervisory workers: Average weekly hours	Production or nonsupervisory workers: Average hourly earnings (dollars)
STATEWIDE (Con.)				
MEAT PRODUCTS — SIC 201				
1977	13.7	300.93	40.1	7.50
1978	13.2	325.53	39.8	8.19
1979	12.2	352.23	40.1	8.78
1980	12.9	374.99	38.7	9.70
1981	13.3	396.94	38.6	10.29
DAIRY PRODUCTS — SIC 202				
1977	15.5	234.63	41.2	5.70
1978	15.6	254.42	40.6	6.27
1979	16.4	274.25	41.0	6.69
1980	17.1	300.04	41.0	7.31
1981	16.7	318.93	40.0	7.97
PRESERVED FRUITS AND VEGETABLES — SIC 203				
1977	10.6	-	-	-
1978	10.3	-	-	-
1979	10.7	-	-	-
1980	10.5	-	-	-
1981	11.8	-	-	-
BAKERY PRODUCTS — SIC 205				
1977	4.7	-	-	-
1978	5.1	-	-	-
1979	5.0	-	-	-
1980	4.8	-	-	-
1981	4.7	-	-	-
BEVERAGES — SIC 208				
1977	12.7	-	-	-
1978	12.6	-	-	-
1979	13.1	-	-	-
1980	12.8	-	-	-
1981	11.8	-	-	-
TEXTILE MILL PRODUCTS — SIC 22				
1977	5.8	163.30	38.6	4.24
1978	6.1	180.50	38.3	4.72
1979	5.4	195.00	36.8	5.30
1980	4.7	211.78	37.2	5.69
1981	4.1	237.01	37.7	6.29
KNITTING MILLS — SIC 225				
1977	4.5	-	-	-
1978	4.9	-	-	-
1979	4.2	-	-	-
1980	3.7	-	-	-
1981	3.3	-	-	-
APPAREL AND OTHER TEXTILE PRODUCTS — SIC 23				
1977	6.8	134.65	36.3	3.71
1978	7.0	145.51	35.8	4.06
1979	6.6	158.06	35.7	4.43
1980	6.5	175.73	36.5	4.82
1981	6.4	190.03	36.5	5.21
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	45.5	279.66	44.4	6.30
1978	47.2	307.08	44.3	6.94
1979	48.9	336.18	44.3	7.59
1980	47.9	367.54	44.1	8.34
1981	48.1	409.28	44.4	9.23
PULP, AND PAPER MILLS, EXCEPT BUILDING PAPER MILLS — SIC 261,2				
1979	30.4	-	-	-
1980	30.1	393.24	45.1	8.73
1981	30.3	438.13	45.5	9.63
MISC. CONVERTED PAPER PRODUCTS — SIC 264				
1979	9.4	-	-	-
1980	9.1	-	-	-
1981	9.3	-	-	-
PAPERBOARD CONTAINERS AND BOXES — SIC 265				
1979	7.8	-	-	-
1980	7.5	-	-	-
1981	7.3	-	-	-
PRINTING AND PUBLISHING — SIC 27				
1977	29.0	271.08	39.3	6.90
1978	31.0	285.48	39.1	7.31
1979	32.4	308.66	39.3	7.85
1980	32.4	332.68	38.6	8.63
1981	32.2	363.23	38.5	9.44
NEWSPAPERS — SIC 271				
1977	9.9	-	-	-
1978	10.7	-	-	-
1979	11.2	-	-	-
1980	11.1	-	-	-
1981	10.8	-	-	-
COMMERCIAL PRINTING — SIC 275				
1979	12.5	-	-	-
1980	12.6	-	-	-
1981	12.7	-	-	-
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1977	9.2	268.98	42.3	6.36
1978	9.7	297.64	43.0	6.92
1979	9.8	312.61	41.7	7.50
1980	9.7	341.09	40.4	8.44
1981	10.0	379.15	40.6	9.33
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS — SIC 30				
1977	17.1	209.35	40.6	5.16
1978	19.0	220.55	41.0	5.38
1979	19.4	230.36	39.9	5.78
1980	17.6	259.41	39.7	6.54
1981	17.5	274.13	39.1	7.00
MISCELLANEOUS PLASTICS PRODUCTS — SIC 307				
1979	14.3	-	-	-
1980	13.2	-	-	-
1981	13.1	-	-	-
LEATHER AND LEATHER PRODUCTS — SIC 31				
1977	11.4	161.44	38.8	4.17
1978	11.5	175.66	38.8	4.52
1979	10.2	182.64	37.4	4.88
1980	9.4	207.18	38.4	5.39
1981	9.4	231.49	39.0	5.94
LEATHER TANNING AND FINISHING — SIC 311				
1979	2.9	-	-	-
1980	2.8	-	-	-
1981	2.8	-	-	-
FOOTWEAR, EXCEPT RUBBER — SIC 314				
1979	5.1	-	-	-
1980	4.8	179.37	37.8	4.75
1981	4.7	202.44	38.8	5.22
TRANSPORTATION AND PUBLIC UTILITIES				
1977	85.4	-	-	-
1978	88.4	-	-	-
1979	92.2	-	-	-
1980	92.1	-	-	-
1981	90.8	-	-	-
ELECTRIC, GAS, AND SANITARY SERVICES — SIC 49				
1979	15.9	-	-	-
1980	16.6	-	-	-
1981	16.8	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	409.6	-	-	-
1978	426.6	-	-	-
1979	441.2	-	-	-
1980	436.8	-	-	-
1981	432.4	-	-	-
STATEWIDE (Con.)				
WHOLESALE TRADE — SIC 50,51				
1979	96.4	-	-	-
1980	96.7	-	-	-
1981	98.5	-	-	-
RETAIL TRADE — SIC 52-59				
1977	319.6	-	-	-
1978	333.3	-	-	-
1979	344.8	-	-	-
1980	340.1	-	-	-
1981	334.0	-	-	-
GENERAL MERCHANDISE STORES — SIC 53				
1977	48.3	-	-	-
1978	50.0	-	-	-
1979	49.4	-	-	-
1980	48.3	-	-	-
1981	46.1	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	81.0	-	-	-
1978	85.7	-	-	-
1979	90.3	-	-	-
1980	93.3	-	-	-
1981	95.9	-	-	-
BANKING — SIC 60				
1977	23.3	-	-	-
1978	24.7	-	-	-
1979	26.0	-	-	-
1980	26.4	-	-	-
1981	26.8	-	-	-
INSURANCE CARRIERS — SIC 63				
1979	28.9	-	-	-
1980	30.4	-	-	-
1981	31.3	-	-	-
SERVICES				
1977	319.0	-	-	-
1978	337.3	-	-	-
1979	351.9	-	-	-
1980	364.2	-	-	-
1981	375.9	-	-	-
HEALTH SERVICES — SIC 80				
1979	132.2	-	-	-
1980	138.9	-	-	-
1981	145.1	-	-	-
HOSPITALS — SIC 806				
1977	64.1	-	-	-
1978	65.9	-	-	-
1979	67.8	-	-	-
1980	71.5	-	-	-
1981	74.7	-	-	-
EDUCATIONAL SERVICES — SIC 82				
1979	20.3	-	-	-
1980	22.1	-	-	-
1981	23.4	-	-	-
GOVERNMENT				
1977	287.1	-	-	-
1978	298.2	-	-	-
1979	310.1	-	-	-
1980	321.1	-	-	-
1981	319.0	-	-	-
FEDERAL GOVERNMENT				
1977	26.6	-	-	-
1978	27.3	-	-	-
1979	27.1	-	-	-
1980	28.4	-	-	-
1981	27.7	-	-	-

See footnotes at end of tables.

WISCONSIN

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
STATE GOVERNMENT				
1977	69.5	-	-	-
1978	72.8	-	-	-
1979	76.3	-	-	-
1980	79.5	-	-	-
1981	79.3	-	-	-
LOCAL GOVERNMENT				
1977	191.0	-	-	-
1978	198.2	-	-	-
1979	206.7	-	-	-
1980	213.3	-	-	-
1981	211.9	-	-	-
APPLETON-OSHKOSH				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	116.3	-	-	-
1978	121.7	-	-	-
1979	128.8	-	-	-
1980	126.4	-	-	-
1981	125.0	-	-	-
CONSTRUCTION				
1977	5.9	-	-	-
1978	5.9	-	-	-
1979	6.4	-	-	-
1980	6.1	-	-	-
1981	4.8	-	-	-
MANUFACTURING				
1977	44.5	246.21	42.0	5.86
1978	47.5	270.21	42.1	6.43
1979	50.6	295.20	41.9	7.05
1980	47.5	315.59	41.1	7.67
1981	46.6	353.08	41.9	8.43
DURABLE GOODS				
1977	20.1	241.06	41.0	5.89
1978	21.8	263.29	41.1	6.40
1979	23.5	288.20	40.9	7.04
1980	21.0	305.63	39.8	7.69
1981	20.0	346.73	40.9	8.48
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	1.5	182.41	40.2	4.54
1978	1.6	199.30	40.9	4.88
1979	1.6	222.50	41.6	5.35
1980	1.5	232.15	39.9	5.82
1981	1.5	270.09	42.4	6.37
PRIMARY METAL INDUSTRIES — SIC 33				
1977	3.4	275.89	41.8	6.60
1978	3.7	308.38	42.4	7.27
1979	3.7	322.40	41.7	7.72
1980	2.9	342.67	40.1	8.55
1981	2.9	390.98	40.9	9.57
FABRICATED METAL PRODUCTS — SIC 34				
1977	1.3	199.98	42.3	4.73
1978	1.4	225.43	43.4	5.20
1979	1.6	240.24	41.1	5.84
1980	1.8	288.50	41.4	6.96
1981	1.8	322.94	42.9	7.53
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	6.6	265.00	40.2	6.59
1978	7.2	291.78	40.9	7.14
1979	8.2	316.80	40.7	7.78
1980	7.0	340.04	39.8	8.55
1981	6.2	376.34	39.8	9.46
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	2.5	220.33	40.2	5.48
1978	2.8	216.79	38.6	5.61
1979	2.9	267.69	40.7	6.58
1980	2.7	278.62	38.4	7.26
1981	2.9	335.55	41.9	8.00

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
APPLETON-OSHKOSH (Con.)				
TRANSPORTATION EQUIPMENT — SIC 37				
1979	2.8	-	-	-
1980	2.6	352.54	40.5	8.72
1981	2.5	411.36	40.9	10.06
NONDURABLE GOODS				
1977	24.4	251.02	43.1	5.83
1978	25.7	277.29	43.0	6.45
1979	27.1	302.31	42.8	7.06
1980	26.5	324.47	42.4	7.66
1981	26.6	358.57	42.7	8.40
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	3.9	197.93	39.8	4.98
1978	4.1	212.13	38.4	5.52
1979	4.4	216.02	38.1	5.68
1980	4.1	236.50	38.1	6.21
1981	4.0	251.78	38.7	6.51
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	15.3	285.00	45.6	6.25
1978	16.0	313.07	45.6	6.87
1979	16.9	340.31	45.2	7.54
1980	16.6	370.74	45.0	8.25
1981	16.7	410.24	45.3	9.06
PULP, PAPER, AND PAPERBOARD MILLS, EXCEPT BUILDING PAPER MILLS — SIC 261-3				
1977	9.5	-	-	-
1978	10.0	-	-	-
1979	10.7	-	-	-
1980	10.6	-	-	-
1981	10.6	-	-	-
MISC. CONVERTED PAPER PRODUCTS — SIC 264				
1979	4.6	-	-	-
1980	4.4	-	-	-
1981	4.6	-	-	-
PAPERBOARD CONTAINERS AND BOXES — SIC 265				
1977	1.5	-	-	-
1978	1.5	-	-	-
1979	1.7	-	-	-
1980	1.6	-	-	-
1981	1.5	-	-	-
PRINTING AND PUBLISHING — SIC 27				
1977	2.4	222.60	36.9	6.04
1978	2.8	256.26	39.0	6.57
1979	3.0	265.12	39.2	6.77
1980	3.2	282.93	37.9	7.48
1981	3.2	313.23	37.4	8.38
TRANSPORTATION AND PUBLIC UTILITIES				
1977	4.2	-	-	-
1978	4.3	-	-	-
1979	4.5	-	-	-
1980	4.3	-	-	-
1981	4.3	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	24.0	-	-	-
1978	25.2	-	-	-
1979	26.3	-	-	-
1980	26.0	-	-	-
1981	26.0	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	4.5	-	-	-
1978	4.8	-	-	-
1979	5.1	-	-	-
1980	5.4	-	-	-
1981	5.6	-	-	-
SERVICES AND MINING				
1977	18.3	-	-	-
1978	19.0	-	-	-
1979	20.0	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
APPLETON-OSHKOSH (Con.)				
SERVICES AND MINING (Con.)				
1980	20.6	-	-	-
1981	21.2	-	-	-
GOVERNMENT				
1977	14.8	-	-	-
1978	15.1	-	-	-
1979	15.9	-	-	-
1980	16.5	-	-	-
1981	16.5	-	-	-
EAU CLAIRE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	43.2	-	-	-
1978	45.9	-	-	-
1979	47.7	-	-	-
1980	47.6	-	-	-
1981	48.4	-	-	-
CONSTRUCTION				
1977	1.8	-	-	-
1978	2.0	-	-	-
1979	2.0	-	-	-
1980	1.9	-	-	-
1981	1.6	-	-	-
MANUFACTURING				
1977	9.4	254.08	41.2	6.16
1978	9.4	267.40	40.7	6.57
1979	9.0	288.08	40.5	7.12
1980	8.8	318.24	41.0	7.76
1981	9.1	342.72	40.9	8.38
DURABLE GOODS				
1977	2.7	-	-	-
1978	2.9	-	-	-
1979	3.1	-	-	-
1980	3.2	-	-	-
1981	3.3	-	-	-
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1979	1.2	-	-	-
1980	1.4	-	-	-
1981	1.3	-	-	-
NONDURABLE GOODS				
1977	6.6	-	-	-
1978	6.5	-	-	-
1979	6.0	-	-	-
1980	5.6	-	-	-
1981	5.8	-	-	-
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	1.9	-	-	-
1978	1.7	-	-	-
1979	1.4	-	-	-
1980	1.2	-	-	-
1981	1.2	-	-	-
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS — SIC 30				
1977	2.5	-	-	-
1978	2.5	-	-	-
1979	2.3	-	-	-
1980	2.1	-	-	-
1981	2.2	-	-	-
LEATHER AND LEATHER PRODUCTS — SIC 31				
1979	1.0	-	-	-
1980	1.0	-	-	-
1981	1.1	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	2.4	-	-	-
1978	2.5	-	-	-
1979	2.7	-	-	-
1980	2.6	-	-	-
1981	2.7	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
EAU CLAIRE (Con.)				
WHOLESALE AND RETAIL TRADE				
1977	11.0	-	-	-
1978	11.8	-	-	-
1979	12.8	-	-	-
1980	12.7	-	-	-
1981	12.8	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	1.3	-	-	-
1978	1.5	-	-	-
1979	1.6	-	-	-
1980	1.6	-	-	-
1981	1.7	-	-	-
SERVICES AND MINING				
1977	8.4	-	-	-
1978	9.0	-	-	-
1979	9.5	-	-	-
1980	9.7	-	-	-
1981	10.0	-	-	-
GOVERNMENT				
1977	8.8	-	-	-
1978	9.7	-	-	-
1979	10.1	-	-	-
1980	10.3	-	-	-
1981	10.6	-	-	-
GREEN BAY				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	72.5	-	-	-
1978	75.7	-	-	-
1979	77.5	-	-	-
1980	78.0	-	-	-
1981	78.7	-	-	-
CONSTRUCTION				
1977	3.6	-	-	-
1978	3.7	-	-	-
1979	3.7	-	-	-
1980	3.3	-	-	-
1981	3.1	-	-	-
MANUFACTURING				
1977	20.7	254.98	42.1	6.05
1978	21.4	279.72	41.8	6.69
1979	21.8	304.51	41.7	7.29
1980	21.8	335.30	41.7	8.04
1981	21.9	371.31	41.7	8.91
DURABLE GOODS				
1977	5.6	-	-	-
1978	5.8	-	-	-
1979	6.0	-	-	-
1980	6.1	-	-	-
1981	5.9	-	-	-
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1979	3.4	-	-	-
1980	3.5	-	-	-
1981	3.2	-	-	-
NONDURABLE GOODS				
1977	15.1	-	-	-
1978	15.6	-	-	-
1979	15.8	-	-	-
1980	15.7	-	-	-
1981	16.0	-	-	-
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	4.9	-	-	-
1978	4.9	-	-	-
1979	4.9	-	-	-
1980	5.0	-	-	-
1981	5.1	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
GREEN BAY (Con.)				
PAPER, AND PRINTING AND PUBLISHING — SIC 26,27				
1979	10.3	-	-	-
1980	10.3	-	-	-
1981	10.6	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	5.2	-	-	-
1978	5.5	-	-	-
1979	5.7	-	-	-
1980	5.8	-	-	-
1981	5.9	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	17.8	-	-	-
1978	18.9	-	-	-
1979	19.6	-	-	-
1980	19.6	-	-	-
1981	19.8	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	2.3	-	-	-
1978	2.5	-	-	-
1979	2.4	-	-	-
1980	2.4	-	-	-
1981	2.6	-	-	-
SERVICES AND MINING				
1977	13.1	-	-	-
1978	13.7	-	-	-
1979	14.3	-	-	-
1980	14.9	-	-	-
1981	15.3	-	-	-
GOVERNMENT				
1977	9.8	-	-	-
1978	10.1	-	-	-
1979	10.0	-	-	-
1980	10.1	-	-	-
1981	10.2	-	-	-
JANESVILLE-BELOIT				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1979	53.6	-	-	-
1980	48.9	-	-	-
1981	50.6	-	-	-
CONSTRUCTION				
1979	1.9	-	-	-
1980	1.8	-	-	-
1981	1.3	-	-	-
MANUFACTURING				
1979	21.8	312.40	40.0	7.81
1980	17.4	337.12	40.3	8.37
1981	19.0	364.55	39.6	9.22
DURABLE GOODS				
1979	16.5	-	-	-
1980	12.5	-	-	-
1981	14.3	-	-	-
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1979	5.1	-	-	-
1980	5.4	-	-	-
1981	5.6	-	-	-
TRANSPORTATION EQUIPMENT — SIC 37				
1979	8.3	-	-	-
1980	4.2	-	-	-
1981	5.7	-	-	-
NONDURABLE GOODS				
1979	5.3	-	-	-
1980	4.9	-	-	-
1981	4.8	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
JANESVILLE-BELOIT (CON.)				
TEXTILE MILL PRODUCTS — SIC 22				
1979	0.8	-	-	-
1980	.7	-	-	-
1981	.6	-	-	-
LEATHER AND LEATHER PRODUCTS — SIC 31				
1979	1.1	-	-	-
1980	1.0	-	-	-
1981	1.0	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1979	2.2	-	-	-
1980	2.0	-	-	-
1981	2.1	-	-	-
WHOLESALE AND RETAIL TRADE				
1979	11.6	-	-	-
1980	11.2	-	-	-
1981	11.0	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1979	1.3	-	-	-
1980	1.3	-	-	-
1981	1.4	-	-	-
SERVICES AND MINING				
1979	8.4	-	-	-
1980	8.6	-	-	-
1981	8.9	-	-	-
GOVERNMENT				
1979	6.3	-	-	-
1980	6.6	-	-	-
1981	6.8	-	-	-
KENOSHA				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	40.7	-	-	-
1978	43.2	-	-	-
1979	45.7	-	-	-
1980	44.8	-	-	-
1981	41.5	-	-	-
CONSTRUCTION				
1977	1.3	-	-	-
1978	2.0	-	-	-
1979	3.0	-	-	-
1980	2.5	-	-	-
1981	1.6	-	-	-
MANUFACTURING				
1977	16.1	283.15	39.6	7.15
1978	17.0	309.06	39.9	7.75
1979	18.3	350.14	41.0	8.54
1980	18.0	371.41	39.9	9.32
1981	15.6	398.76	39.6	10.07
DURABLE GOODS				
1977	14.3	-	-	-
1978	15.1	-	-	-
1979	16.4	-	-	-
1980	16.0	-	-	-
1981	13.4	-	-	-
PRIMARY METAL INDUSTRIES — SIC 33				
1979	1.7	-	-	-
1980	1.6	-	-	-
1981	1.6	-	-	-
FABRICATED METAL PRODUCTS — SIC 34				
1979	2.9	-	-	-
1980	2.9	-	-	-
1981	2.8	-	-	-

See footnotes at end of tables.

WISCONSIN

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
KENOSHA (Con.)				
TRANSPORTATION EQUIPMENT — SIC 37				
1979	9.7	-	-	-
1980	9.6	-	-	-
1981	7.2	-	-	-
NONDURABLE GOODS				
1977	1.8	-	-	-
1978	1.9	-	-	-
1979	1.9	-	-	-
1980	2.0	-	-	-
1981	2.1	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	1.6	-	-	-
1978	1.4	-	-	-
1979	1.4	-	-	-
1980	1.4	-	-	-
1981	1.3	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	7.9	-	-	-
1978	8.3	-	-	-
1979	8.3	-	-	-
1980	8.4	-	-	-
1981	8.3	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	.9	-	-	-
1978	.9	-	-	-
1979	1.0	-	-	-
1980	1.0	-	-	-
1981	1.0	-	-	-
SERVICES AND MINING				
1977	7.2	-	-	-
1978	7.4	-	-	-
1979	7.6	-	-	-
1980	7.7	-	-	-
1981	7.9	-	-	-
GOVERNMENT				
1977	5.8	-	-	-
1978	6.2	-	-	-
1979	6.1	-	-	-
1980	5.9	-	-	-
1981	5.9	-	-	-
LA CROSSE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	39.3	-	-	-
1978	41.5	-	-	-
1979	43.4	-	-	-
1980	44.9	-	-	-
1981	45.3	-	-	-
CONSTRUCTION				
1977	1.6	-	-	-
1978	1.7	-	-	-
1979	1.8	-	-	-
1980	1.6	-	-	-
1981	1.5	-	-	-
MANUFACTURING				
1977	9.8	210.78	40.2	5.24
1978	10.7	218.43	40.0	5.46
1979	10.7	240.46	40.3	5.97
1980	10.9	281.56	40.3	6.99
1981	10.4	310.13	40.2	7.71
DURABLE GOODS				
1977	6.1	-	-	-
1978	6.6	-	-	-
1979	6.6	-	-	-
1980	6.8	-	-	-
1981	6.5	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
LA CROSSE (Con.)				
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	4.0	-	-	-
1978	4.3	-	-	-
1979	4.1	-	-	-
1980	4.4	-	-	-
1981	4.3	-	-	-
NONDURABLE GOODS				
1977	3.7	-	-	-
1978	4.1	-	-	-
1979	4.1	-	-	-
1980	4.1	-	-	-
1981	3.8	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	2.3	-	-	-
1978	2.3	-	-	-
1979	2.4	-	-	-
1980	2.4	-	-	-
1981	2.3	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	10.5	-	-	-
1978	10.9	-	-	-
1979	11.4	-	-	-
1980	11.7	-	-	-
1981	11.9	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	1.0	-	-	-
1978	1.0	-	-	-
1979	1.1	-	-	-
1980	1.1	-	-	-
1981	1.1	-	-	-
SERVICES AND MINING				
1977	8.3	-	-	-
1978	8.6	-	-	-
1979	9.4	-	-	-
1980	10.1	-	-	-
1981	11.0	-	-	-
GOVERNMENT				
1977	5.9	-	-	-
1978	6.2	-	-	-
1979	6.6	-	-	-
1980	7.0	-	-	-
1981	7.2	-	-	-
MADISON				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	151.8	-	-	-
1978	160.3	-	-	-
1979	166.9	-	-	-
1980	169.8	-	-	-
1981	170.6	-	-	-
CONSTRUCTION				
1977	7.1	-	-	-
1978	7.7	-	-	-
1979	7.7	-	-	-
1980	6.6	-	-	-
1981	6.0	-	-	-
MANUFACTURING				
1977	18.7	268.95	40.1	6.70
1978	19.9	275.56	39.9	6.91
1979	19.9	288.92	39.6	7.30
1980	20.0	320.44	39.1	8.19
1981	20.3	336.75	39.2	8.59
DURABLE GOODS				
1977	8.1	-	-	-
1978	9.1	-	-	-
1979	9.6	-	-	-
1980	9.5	-	-	-
1981	9.4	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
MADISON (Con.)				
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1979	1.9	-	-	-
1980	2.0	-	-	-
1981	1.9	-	-	-
NONDURABLE GOODS				
1977	10.6	-	-	-
1978	10.8	-	-	-
1979	10.3	-	-	-
1980	10.5	-	-	-
1981	10.9	-	-	-
FOOD AND KINDRED PRODUCTS — SIC 20				
1979	5.6	-	-	-
1980	5.8	-	-	-
1981	6.0	-	-	-
PRINTING AND PUBLISHING — SIC 27				
1979	2.3	-	-	-
1980	2.4	-	-	-
1981	2.5	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	5.7	-	-	-
1978	5.9	-	-	-
1979	6.1	-	-	-
1980	6.3	-	-	-
1981	6.3	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	32.7	-	-	-
1978	34.6	-	-	-
1979	35.4	-	-	-
1980	36.0	-	-	-
1981	36.3	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	10.5	-	-	-
1978	11.2	-	-	-
1979	12.1	-	-	-
1980	12.8	-	-	-
1981	13.5	-	-	-
SERVICES AND MINING				
1977	26.4	-	-	-
1978	28.3	-	-	-
1979	30.4	-	-	-
1980	31.1	-	-	-
1981	32.6	-	-	-
GOVERNMENT				
1977	50.7	-	-	-
1978	52.7	-	-	-
1979	55.3	-	-	-
1980	57.1	-	-	-
1981	55.6	-	-	-
MILWAUKEE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	629.5	-	-	-
1978	658.0	-	-	-
1979	681.4	-	-	-
1980	671.8	-	-	-
1981	659.4	-	-	-
CONSTRUCTION				
1977	22.6	-	-	-
1978	23.6	-	-	-
1979	23.4	-	-	-
1980	19.9	-	-	-
1981	17.9	-	-	-
MANUFACTURING				
1977	201.2	275.40	40.7	6.76
1978	211.6	301.78	41.1	7.35
1979	220.2	325.10	40.9	7.96
1980	206.7	356.21	40.3	8.85
1981	196.4	388.09	40.0	9.71

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Production or nonsupervisory workers: Average weekly hours	Production or nonsupervisory workers: Average hourly earnings (dollars)
MILWAUKEE (Con.)				
DURABLE GOODS				
1977	152.2	277.74	40.7	6.83
1978	160.8	307.51	41.3	7.45
1979	168.5	330.94	41.0	8.07
1980	155.8	364.41	40.3	9.05
1981	147.2	398.86	39.9	9.99
LUMBER, AND FURNITURE — SIC 24,25				
1977	2.7	-	-	-
1978	2.7	-	-	-
1979	3.0	-	-	-
1980	2.5	-	-	-
1981	2.3	-	-	-
STONE, CLAY, AND GLASS PRODUCTS — SIC 32				
1979	2.0	-	-	-
1980	1.7	-	-	-
1981	1.5	-	-	-
PRIMARY METAL INDUSTRIES — SIC 33				
1977	12.5	272.50	41.6	6.56
1978	13.4	292.02	41.6	7.01
1979	14.1	314.26	41.4	7.58
1980	12.5	328.54	39.4	8.33
1981	11.9	367.99	39.0	9.43
IRON AND STEEL FOUNDRIES — SIC 332				
1979	8.7	-	-	-
1980	7.6	325.27	39.1	8.32
1981	6.9	362.33	39.1	9.26
FABRICATED METAL PRODUCTS — SIC 34				
1977	25.7	274.77	40.4	6.81
1978	27.4	305.04	41.1	7.42
1979	27.0	324.13	40.8	7.95
1980	25.4	370.75	40.5	9.15
1981	24.4	396.68	39.9	9.95
FABRICATED STRUCTURAL METAL PRODUCTS — SIC 344				
1979	6.7	-	-	-
1980	5.8	324.56	38.7	8.39
1981	5.6	370.08	40.2	9.21
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	58.3	289.61	40.5	7.15
1978	61.7	327.00	41.5	7.89
1979	65.9	355.19	41.3	8.60
1980	60.2	390.30	40.5	9.63
1981	55.1	426.13	40.0	10.67
ENGINES AND TURBINES — SIC 351				
1979	18.6	-	-	-
1980	16.0	396.23	39.5	10.03
1981	13.3	440.14	39.4	11.17
CONSTRUCTION AND RELATED MACHINERY — SIC 353				
1979	14.9	-	-	-
1980	13.6	424.76	40.8	10.42
1981	12.4	453.91	39.5	11.51
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1977	30.8	256.71	40.6	6.33
1978	33.3	284.80	41.5	6.86
1979	36.1	309.74	41.4	7.49
1980	35.4	343.64	40.3	8.52
1981	33.6	380.52	40.5	9.40
ELECTRICAL INDUSTRIAL APPARATUS — SIC 362				
1979	17.1	-	-	-
1980	16.2	337.30	40.6	8.32
1981	15.0	372.28	41.0	9.08
TRANSPORTATION EQUIPMENT — SIC 37				
1977	13.9	331.06	41.8	7.93
1978	13.2	350.76	40.8	8.59
1979	12.8	380.46	40.4	9.43
1980	10.7	427.09	40.6	10.51
1981	10.8	476.51	40.6	11.75
MILWAUKEE (Con.)				
MOTOR VEHICLES AND EQUIPMENT — SIC 371				
1979	9.7	-	-	-
1980	7.6	-	-	-
1981	8.0	-	-	-
INSTRUMENTS AND RELATED PRODUCTS — SIC 38				
1979	4.2	-	-	-
1980	4.2	-	-	-
1981	4.3	-	-	-
NONDURABLE GOODS				
1977	49.1	268.04	40.9	6.56
1978	50.8	282.77	40.4	6.99
1979	51.7	304.55	40.4	7.54
1980	50.9	329.33	40.3	8.18
1981	49.2	354.58	40.0	8.86
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	17.4	335.14	43.0	7.80
1978	17.5	351.51	42.0	8.38
1979	17.8	381.79	42.6	8.97
1980	18.0	401.21	42.4	9.46
1981	17.0	430.34	42.0	10.25
MEAT PRODUCTS — SIC 201				
1979	2.2	-	-	-
1980	2.4	-	-	-
1981	2.6	-	-	-
BEVERAGES — SIC 208				
1979	9.2	-	-	-
1980	9.0	-	-	-
1981	8.1	-	-	-
TEXTILES, AND APPAREL — SIC 22,23				
1977	2.8	-	-	-
1978	3.0	-	-	-
1979	2.8	-	-	-
1980	2.7	-	-	-
1981	2.4	-	-	-
PAPER AND ALLIED PRODUCTS — SIC 26				
1977	4.4	-	-	-
1978	4.6	-	-	-
1979	4.8	-	-	-
1980	4.6	290.64	39.9	7.28
1981	4.3	310.10	39.4	7.88
PRINTING AND PUBLISHING — SIC 27				
1977	12.5	298.35	39.6	7.54
1978	13.2	313.37	39.0	8.05
1979	13.6	347.72	39.3	8.85
1980	13.4	367.55	38.7	9.49
1981	13.1	389.96	38.4	10.16
COMMERCIAL PRINTING — SIC 275				
1979	6.2	-	-	-
1980	6.2	-	-	-
1981	6.2	-	-	-
CHEMICALS AND ALLIED PRODUCTS — SIC 28				
1979	3.8	-	-	-
1980	3.8	292.27	40.3	7.25
1981	4.1	318.70	40.5	7.87
LEATHER AND LEATHER PRODUCTS — SIC 31				
1977	4.3	182.63	39.7	4.60
1978	4.1	192.55	38.4	5.02
1979	4.1	208.77	38.5	5.42
1980	3.8	244.35	39.9	6.13
1981	3.7	264.52	39.3	6.73
LEATHER TANNING AND FINISHING — SIC 311				
1979	2.1	-	-	-
1980	2.0	-	-	-
1981	2.1	-	-	-
MILWAUKEE (Con.)				
FOOTWEAR, EXCEPT RUBBER — SIC 314				
1979	0.7	-	-	-
1980	.6	-	-	-
1981	.6	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	31.9	-	-	-
1978	32.9	-	-	-
1979	34.7	-	-	-
1980	34.5	-	-	-
1981	34.0	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	142.7	-	-	-
1978	147.6	-	-	-
1979	147.8	-	-	-
1980	144.3	-	-	-
1981	141.3	-	-	-
GENERAL MERCHANDISE STORES — SIC 53				
1977	20.7	-	-	-
1978	20.8	-	-	-
1979	19.8	-	-	-
1980	19.0	-	-	-
1981	17.4	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	34.3	-	-	-
1978	36.1	-	-	-
1979	38.0	-	-	-
1980	39.5	-	-	-
1981	40.4	-	-	-
BANKING — SIC 60				
1979	9.9	-	-	-
1980	10.0	-	-	-
1981	10.1	-	-	-
INSURANCE CARRIERS — SIC 63				
1979	12.8	-	-	-
1980	13.2	-	-	-
1981	13.5	-	-	-
SERVICES AND MINING				
1977	123.0	-	-	-
1978	131.0	-	-	-
1979	136.1	-	-	-
1980	141.0	-	-	-
1981	145.8	-	-	-
HEALTH SERVICES — SIC 80				
1977	44.4	-	-	-
1978	46.1	-	-	-
1979	48.1	-	-	-
1980	51.0	-	-	-
1981	53.8	-	-	-
HOSPITALS — SIC 806				
1977	23.8	-	-	-
1978	24.7	-	-	-
1979	25.5	-	-	-
1980	27.1	-	-	-
1981	29.0	-	-	-
GOVERNMENT				
1977	73.7	-	-	-
1978	75.3	-	-	-
1979	81.2	-	-	-
1980	85.9	-	-	-
1981	83.6	-	-	-
LOCAL GOVERNMENT				
1977	54.8	-	-	-
1978	56.4	-	-	-
1979	62.1	-	-	-
1980	66.2	-	-	-
1981	64.4	-	-	-

See footnotes at end of tables.

WISCONSIN

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
RACINE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	66.8	-	-	-
1978	69.4	-	-	-
1979	71.7	-	-	-
1980	69.4	-	-	-
1981	67.0	-	-	-
CONSTRUCTION				
1977	2.1	-	-	-
1978	2.4	-	-	-
1979	2.3	-	-	-
1980	1.8	-	-	-
1981	1.5	-	-	-
MANUFACTURING				
1977	29.1	265.25	40.3	6.59
1978	30.4	295.09	41.3	7.15
1979	31.9	320.56	41.8	7.67
1980	29.9	344.35	40.2	8.56
1981	27.8	375.16	39.7	9.44
DURABLE GOODS				
1977	21.3	270.89	40.5	6.69
1978	22.3	300.10	41.4	7.25
1979	23.7	329.70	42.3	7.79
1980	21.8	351.79	40.4	8.71
1981	19.9	380.34	39.7	9.59
PRIMARY METAL INDUSTRIES — SIC 33				
1977	1.7	243.37	40.4	6.03
1978	1.9	270.64	41.6	6.50
1979	1.9	292.28	41.2	7.09
1980	1.6	291.06	38.3	7.61
1981	1.5	305.73	36.7	8.33
FABRICATED METAL PRODUCTS — SIC 34				
1979	3.4	-	-	-
1980	3.1	323.02	39.1	8.26
1981	2.8	361.79	39.0	9.28
MACHINERY, EXCEPT ELECTRICAL — SIC 35				
1977	10.7	317.71	41.0	7.74
1978	10.9	352.50	42.5	8.30
1979	12.2	393.24	45.3	8.68
1980	11.4	405.67	41.5	9.78
1981	10.2	442.70	40.8	10.85
ELECTRIC AND ELECTRONIC EQUIPMENT — SIC 36				
1979	3.4	-	-	-
1980	3.1	236.01	39.5	5.97
1981	3.1	256.03	38.3	6.68
NONDURABLE GOODS				
1977	7.8	247.27	39.6	6.24
1978	8.2	277.43	40.8	6.81
1979	8.3	283.75	39.7	7.14
1980	8.1	317.26	39.5	8.03
1981	7.9	357.44	40.0	8.95
TRANSPORTATION AND PUBLIC UTILITIES				
1977	2.3	-	-	-
1978	2.2	-	-	-
1979	2.2	-	-	-
1980	2.3	-	-	-
1981	2.3	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	12.4	-	-	-
1978	12.9	-	-	-
1979	13.4	-	-	-
1980	13.2	-	-	-
1981	13.2	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	2.0	-	-	-
1978	2.1	-	-	-
1979	2.3	-	-	-
1980	2.3	-	-	-
1981	2.3	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
RACINE (Con.)				
SERVICES AND MINING				
1977	10.5	-	-	-
1978	10.8	-	-	-
1979	11.2	-	-	-
1980	11.3	-	-	-
1981	11.3	-	-	-
GOVERNMENT				
1977	8.5	-	-	-
1978	8.6	-	-	-
1979	8.4	-	-	-
1980	8.6	-	-	-
1981	8.6	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers: Average weekly earnings (dollars)	Production or nonsupervisory workers: Average weekly hours	Production or nonsupervisory workers: Average hourly earnings (dollars)
STATEWIDE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	170.5	-	-	-
1978	187.4	-	-	-
1979	200.7	-	-	-
1980	210.2	-	-	-
1981	216.6	-	-	-
MINING				
1977	25.3	315.98	42.9	7.36
1978	29.2	356.47	43.9	8.12
1979	32.6	394.94	43.4	9.10
1980	35.5	431.52	43.5	9.92
1981	38.2	451.50	42.0	10.75
METAL MINING — SIC 10				
1977	4.9	339.46	43.7	7.77
1978	6.1	385.84	44.4	8.69
1979	6.8	445.28	44.0	10.12
1980	6.5	478.98	42.5	11.27
1981	5.0	492.41	41.0	12.01
BITUMINOUS COAL, AND NONMETALLIC MINERALS, EXCEPT FUELS — SIC 12,14				
1977	8.1	352.52	42.4	8.30
1978	9.1	403.19	43.4	9.29
1979	10.1	445.91	43.0	10.37
1980	11.1	493.35	42.9	11.50
1981	11.6	564.20	43.3	13.03
OIL AND GAS EXTRACTION — SIC 13				
1977	12.3	283.14	42.9	6.60
1978	14.0	315.32	44.1	7.15
1979	15.7	344.96	43.5	7.93
1980	17.9	378.79	44.2	8.57
1981	21.6	387.81	41.7	9.30
CRUDE PETROLEUM, NATURAL GAS, AND NATURAL GAS LIQUIDS — SIC 131,2				
1977	3.0	319.67	41.9	7.63
1978	3.1	341.20	40.0	8.53
1979	3.2	359.29	39.7	9.05
1980	3.7	399.19	41.8	9.55
1981	4.3	451.73	42.1	10.73
OIL AND GAS FIELD SERVICES — SIC 138				
1977	9.3	275.58	43.1	6.39
1978	10.9	309.12	44.8	6.90
1979	12.5	341.67	44.2	7.73
1980	14.2	375.09	44.6	8.41
1981	17.3	376.55	41.7	9.03
CONSTRUCTION				
1977	17.0	304.11	38.8	7.84
1978	19.3	340.75	39.9	8.54
1979	20.8	371.47	39.9	9.31
1980	20.7	-	-	-
1981	19.2	-	-	-
MANUFACTURING				
1977	9.0	226.82	39.8	5.70
1978	9.6	238.55	38.6	6.18
1979	10.1	251.17	37.6	6.68
1980	9.6	272.69	38.9	7.01
1981	10.1	314.41	39.9	7.88
DURABLE GOODS				
1977	3.9	-	-	-
1978	4.4	-	-	-
STATEWIDE (Con.)				
DURABLE GOODS (Con.)				
1979	4.5	-	-	-
1980	4.2	-	-	-
1981	4.6	-	-	-
LUMBER AND WOOD PRODUCTS — SIC 24				
1977	1.5	-	-	-
1978	1.5	-	-	-
1979	1.4	-	-	-
1980	1.3	-	-	-
1981	1.4	-	-	-
NONDURABLE GOODS				
1977	5.2	-		-
1978	5.1	-	-	-
1979	5.6	-	-	-
1980	5.4	-	-	-
1981	5.5	-	-	-
FOOD AND KINDRED PRODUCTS — SIC 20				
1977	1.5	-	-	-
1978	1.4	-	-	-
1979	1.4	-	-	-
1980	1.4	-	-	-
1981	1.4	-	-	-
PETROLEUM AND COAL PRODUCTS — SIC 29				
1977	1.7	-	-	-
1978	1.7	-	-	-
1979	1.9	-	-	-
1980	1.7	-	-	-
1981	1.8	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	13.3	-	-	-
1978	14.8	-	-	-
1979	16.4	-	-	-
1980	16.9	-	-	-
1981	17.9	-	-	-
RAILROAD TRANSPORTATION — SIC 40				
1977	3.5	-	-	-
1978	3.7	-	-	-
1979	4.2	-	-	-
1980	4.2	-	-	-
1981	4.3	-	-	-
TRANSPORTATION, EXCEPT RAILROADS — SIC 41,42,44-47				
1977	4.4	-	-	-
1978	5.2	-	-	-
1979	5.6	-	-	-
1980	5.8	-	-	-
1981	6.6	-	-	-
COMMUNICATION, AND ELECTRIC, GAS, AND SANITARY SERVICES — SIC 48,49				
1977	5.4	-	-	-
1978	5.9	-	-	-
1979	6.6	-	-	-
1980	6.9	-	-	-
1981	7.0	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	38.1	-	-	-
1978	41.9	-	-	-
1979	44.3	-	-	-
1980	47.0	-	-	-
1981	48.7	-	-	-
STATEWIDE (Con.)				
WHOLESALE TRADE — SIC 50,51				
1977	6.7	-	-	-
1978	7.7	-	-	-
1979	8.5	-	-	-
1980	9.6	-	-	-
1981	10.7	-	-	-
RETAIL TRADE — SIC 52-59				
1977	31.4	-	-	-
1978	34.1	-	-	-
1979	35.8	-	-	-
1980	37.4	-	-	-
1981	38.0	-	-	-
GENERAL MERCHANDISE, APPAREL AND ACCESSORY STORES — SIC 53,56				
1977	4.6	-	-	-
1978	4.7	-	-	-
1979	5.1	-	-	-
1980	6.1	-	-	-
1981	5.2	-	-	-
FOOD STORES — SIC 54				
1977	3.6	-	-	-
1978	4.0	-	-	-
1979	4.4	-	-	-
1980	4.7	-	-	-
1981	5.0	-	-	-
AUTOMOTIVE DEALERS AND SERVICE STATIONS — SIC 55				
1977	6.2	-	-	-
1978	6.5	-	-	-
1979	6.5	-	-	-
1980	6.4	-	-	-
1981	6.3	-	-	-
EATING AND DRINKING PLACES — SIC 58				
1977	10.9	-	-	-
1978	12.0	-	-	-
1979	12.6	-	-	-
1980	12.9	-	-	-
1981	14.3	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	5.7	-	-	-
1978	6.4	-	-	-
1979	7.1	-	-	-
1980	7.3	-	-	-
1981	7.5	-	-	-
SERVICES				
1977	24.1	-	-	-
1978	27.2	-	-	-
1979	28.6	-	-	-
1980	30.2	-	-	-
1981	32.1	-	-	-
HOTELS AND OTHER LODGING PLACES — SIC 70				
1977	5.9	-	-	-
1978	6.7	-	-	-
1979	7.0	-	-	-
1980	6.4	-	-	-
1981	7.4	-	-	-
PERSONAL SERVICES — SIC 72				
1977	1.4	-	-	-
1978	1.5	-	-	-
1979	1.5	-	-	-

See footnotes at end of tables.

WYOMING

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
STATEWIDE (Con.)				
PERSONAL SERVICES — SIC 72 (Con.)				
1980	1.6	-	-	-
1981	1.6	-	-	-
HEALTH SERVICES — SIC 80				
1977	4.7	-	-	-
1978	5.0	-	-	-
1979	5.0	-	-	-
1980	5.3	-	-	-
1981	5.6	-	-	-
GOVERNMENT				
1977	38.0	-	-	-
1978	39.1	-	-	-
1979	40.8	-	-	-
1980	43.0	-	-	-
1981	42.9	-	-	-
FEDERAL GOVERNMENT				
1977	7.0	-	-	-
1978	7.3	-	-	-
1979	7.4	-	-	-
1980	7.6	-	-	-
1981	7.4	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	31.0	-	-	-
1978	31.8	-	-	-
1979	33.4	-	-	-
1980	35.4	-	-	-
1981	35.5	-	-	-
STATE GOVERNMENT				
1977	10.5	-	-	-
1978	10.8	-	-	-
1979	11.1	-	-	-
1980	11.8	-	-	-
1981	12.1	-	-	-
LOCAL GOVERNMENT				
1977	20.5	-	-	-
1978	21.0	-	-	-
1979	22.3	-	-	-
1980	23.6	-	-	-
1981	23.4	-	-	-
CASPER				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	30.7	-	-	-
1978	35.1	-	-	-
1979	37.6	-	-	-
1980	39.2	-	-	-
1981	40.3	-	-	-
MINING				
1977	5.9	-		-
1978	6.8	-	-	-
1979	7.1	-	-	-
1980	7.3	-	-	-
1981	7.8	-	-	-
OIL AND GAS EXTRACTION — SIC 13				
1977	4.8	-	-	-
1978	5.2	-	-	-
1979	5.7	-	-	-
1980	6.1	-	-	-
1981	7.0	-	-	-
CONSTRUCTION				
1977	2.9	-	-	-
1978	3.6	-	-	-
1979	3.8	-	-	-
1980	3.6	-	-	-
1981	3.3	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
CASPER (Con.)				
MANUFACTURING				
1977	1.7	-	-	-
1978	1.7	-	-	-
1979	1.9	-	-	-
1980	1.9	-	-	-
1981	2.0	-	-	-
NONDURABLE GOODS				
1977	1.1	-	-	-
1978	1.0	-	-	-
1979	1.1	-	-	-
1980	1.1	-	-	-
1981	1.1	-	-	-
PETROLEUM AND COAL PRODUCTS — SIC 29				
1977	.8	-	-	-
1978	.7	-	-	-
1979	.7	-	-	-
1980	.7	-	-	-
1981	.7	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	2.2	-	-	-
1978	2.6	-	-	-
1979	2.7	-	-	-
1980	2.8	-	-	-
1981	2.9	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	8.2	-	-	-
1978	9.3	-	-	-
1979	9.9	-	-	-
1980	10.9	-	-	-
1981	10.9	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	2.9	-	-	-
1978	3.4	-	-	-
1979	3.8	-	-	-
1980	4.3	-	-	-
1981	4.4	-	-	-
RETAIL TRADE — SIC 52-59				
1977	5.3	-	-	-
1978	6.0	-	-	-
1979	6.1	-	-	-
1980	6.6	-	-	-
1981	6.5	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	1.3	-	-	-
1978	1.4	-	-	-
1979	1.6	-	-	-
1980	1.7	-	-	-
1981	1.8	-	-	-
SERVICES				
1977	4.2	-	-	-
1978	5.0	-	-	-
1979	5.6	-	-	-
1980	5.7	-	-	-
1981	5.8	-	-	-
GOVERNMENT				
1977	4.5	-	-	-
1978	4.6	-	-	-
1979	5.0	-	-	-
1980	5.3	-	-	-
1981	5.8	-	-	-
FEDERAL GOVERNMENT				
1977	.9	-	-	-
1978	.8	-	-	-
1979	.9	-	-	-
1980	.9	-	-	-
1981	.8	-	-	-

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
CASPER (Con.)				
STATE AND LOCAL GOVERNMENT				
1977	3.6	-	-	-
1978	3.8	-	-	-
1979	4.1	-	-	-
1980	4.4	-	-	-
1981	5.0	-	-	-
CHEYENNE				
TOTAL NONAGRICULTURAL EMPLOYMENT				
1977	24.6	-	-	-
1978	27.3	-	-	-
1979	29.5	-	-	-
1980	30.5	-	-	-
1981	30.9	-	-	-
CONSTRUCTION				
1977	1.8	-	-	-
1978	2.1	-	-	-
1979	2.2	-	-	-
1980	2.3	-	-	-
1981	1.9	-	-	-
MANUFACTURING				
1977	1.6	-	-	-
1978	1.8	-	-	-
1979	1.8	-	-	-
1980	1.7	-	-	-
1981	1.4	-	-	-
TRANSPORTATION AND PUBLIC UTILITIES				
1977	3.2	-	-	-
1978	3.6	-	-	-
1979	4.3	-	-	-
1980	4.4	-	-	-
1981	4.6	-	-	-
WHOLESALE AND RETAIL TRADE				
1977	5.9	-	-	-
1978	6.4	-	-	-
1979	7.0	-	-	-
1980	7.0	-	-	-
1981	7.2	-	-	-
WHOLESALE TRADE — SIC 50,51				
1977	.8	-	-	-
1978	.9	-	-	-
1979	1.0	-	-	-
1980	1.0	-	-	-
1981	1.0	-	-	-
RETAIL TRADE — SIC 52-59				
1977	5.1	-	-	-
1978	5.5	-	-	-
1979	6.0	-	-	-
1980	6.0	-	-	-
1981	6.2	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE				
1977	1.4	-	-	-
1978	1.5	-	-	-
1979	1.6	-	-	-
1980	1.6	-	-	-
1981	1.6	-	-	-
SERVICES AND MINING				
1977	3.9	-	-	-
1978	4.3	-	-	-
1979	4.4	-	-	-
1980	4.8	-	-	-
1981	5.4	-	-	-
GOVERNMENT				
1977	6.7	-	-	-
1978	7.5	-	-	-
1979	8.2	-	-	-
1980	8.7	-	-	-
1981	8.8	-	-	-

See footnotes at end of tables.

Year	All employees (thousands)	Production or nonsupervisory workers		
		Average weekly earnings (dollars)	Average weekly hours	Average hourly earnings (dollars)
CHEYENNE (Con.)				
FEDERAL GOVERNMENT				
1977	2.3	-	-	-
1978	2.3	-	-	-
1979	2.4	-	-	-
1980	2.3	-	-	-
1981	2.3	-	-	-
STATE AND LOCAL GOVERNMENT				
1977	4.4	-	-	-
1978	5.2	-	-	-
1979	5.8	-	-	-
1980	6.4	-	-	-
1981	6.5	-	-	-

See footnotes at end of tables.

Footnotes

[1] Data beginning with year noted are not comparable with prior years.

[2] Area included in Chicago—Gary Standard Consolidated Statistical Area.

[3] Adjusted to March 1980 benchmark levels.

[4] Subarea of Baltimore Standard Metropolitan Statistical Area.

[5] Hours and earnings based on March 1980 benchmark.

[6] Subarea of Philadelphia Standard Metropolitan Statistical Area.

[7] Subarea of Rochester Standard Metropolitan Statistical Area.

[8] Area included in New York and Nassau—Suffolk combined Standard Metropolitan Statistical Area.

[9] Subarea of New York Standard Metropolitan Statistical Area.

[10] Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area.

[11] Subarea of Washington, D.C. Standard Metropolitan Statistical Area.

NOTE: Miscellaneous manufacturing (SIC 39) is included in nondurable goods in State and area data for the following: Maine, Massachusetts, Rhode Island, Vermont, and New York. All other States and areas include this industry in durable goods.

Appendix A. Area Definitions

ALABAMA

Birmingham	Jefferson, St. Clair, Shelby, and Walker Counties
Huntsville	Limestone, Madison, and Marshall Counties
Mobile	Baldwin and Mobile Counties
Montgomery	Autauga, Elmore, and Montgomery Counties
Tuscaloosa	Tuscaloosa County

ARIZONA

Phoenix	Maricopa County
Tucson	Pima County

ARKANSAS

Fayetteville—Springdale	Benton and Washington Counties
Fort Smith	Crawford and Sebastian Counties, Ark.; LeFlore and Sequoyah Counties, Okla.
Little Rock—N. Little Rock	Pulaski and Saline Counties
Pine Bluff	Jefferson County

CALIFORNIA

Anaheim—Santa Ana—Garden Grove	Orange County
Bakersfield	Kern County
Fresno	Fresno County
Los Angeles—Long Beach	Los Angeles County
Modesto	Stanislaus County
Oxnard—Simi Valley—Ventura	Ventura County
Riverside—San Bernardino—Ontario	Riverside and San Bernardino Counties
Sacramento	Placer, Sacramento, and Yolo Counties
Salinas—Seaside—Monterey	Monterey County
San Diego	San Diego County
San Francisco—Oakland	Alameda, Contra Costa, Marin, San Francisco, and San Mateo Counties
San Jose	Santa Clara County
Santa Barbara—Santa Maria—Lompoc	Santa Barbara County
Santa Rosa	Sonoma County
Stockton	San Joaquin County
Vallejo—Fairfield—Napa	Napa and Solano Counties

COLORADO

Denver—Boulder	Adams, Arapahoe, Boulder, Clear Creek, Denver, Douglas, Gilpin, and Jefferson Counties

CONNECTICUT

Bridgeport	Bridgeport and Shelton cities, and Easton, Fairfield, Monroe, Stratford, and Trumbull towns in Fairfield County; Derby and Milford cities in New Haven County
Hartford	Hartford city, and Avon, Bloomfield, Canton, East Granby, East Hartford, East Windsor, Enfield, Farmington, Glastonbury, Granby, Manchester, Marlborough, Newington, Rocky Hill, Simsbury, South Windsor, Suffield, West Hartford, Wethersfield, Windsor, and Windsor Locks towns in Hartford County; Colchester town in New London County; Andover, Bolton, Columbia, Coventry, Ellington, Hebron, Somers, Stafford, Tolland, Vernon, and Willington towns in Tolland County
New Britain	New Britain city, and Berlin, Plainville, and Southington towns in Hartford County

Area Definitions—Continued

CONNECTICUT—Continued	
New Haven—West Haven	New Haven and West Haven cities, and Bethany, Branford, East Haven, Guilford, Hamden, Madison, North Branford, North Haven, Orange, Wallingford, and Woodbridge towns in New Haven County; Clinton town in Middlesex County
Stamford	Stamford city, and Darien, Greenwich, and New Canaan towns in Fairfield County
Waterbury	Waterbury city, Naugatuck borough, and Beacon Falls, Cheshire, Middlebury, Prospect, Southbury, and Wolcott towns in New Haven County; Bethlehem, Thomaston, Watertown, and Woodbury towns in Litchfield County
DELAWARE	
Wilmington	New Castle County, Del.; Cecil County, Md.; Salem County, N.J.
DISTRICT OF COLUMBIA	
Washington SMSA	District of Columbia; Charles, Montgomery, and Prince Georges Counties, Md.; Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park cities, and Arlington, Fairfax, Loudoun, and Prince William Counties, Va.
FLORIDA	
Bradenton	Manatee County
Daytona Beach	Volusia County
Fort Lauderdale—Hollywood	Broward County
Fort Myers—Cape Coral	Lee County
Gainesville	Alachua County
Jacksonville	Baker, Clay, Duval, Nassau, and St. Johns Counties
FLORIDA—Continued	
Lakeland—Winter Haven	Polk County
Melbourne—Titusville—Cocoa	Brevard County
Miami	Dade County
Orlando	Orange, Osceola, and Seminole Counties
Panama City	Bay County
Pensacola	Escambia and Santa Rosa Counties
Sarasota	Sarasota County
Tallahassee	Leon and Wakulla Counties
Tampa—St. Petersburg	Hillsborough, Pasco, and Pinellas Counties
West Palm Beach—Boca Raton	Palm Beach County
GEORGIA	
Albany	Dougherty and Lee Counties
Atlanta	Butts, Cherokee, Clayton, Cobb, De Kalb, Douglas, Fayette, Forsyth, Fulton, Gwinnett, Henry, Newton, Paulding, Rockdale, and Walton Counties
Augusta	Columbia and Richmond Counties, Ga.; Aiken County, S.C.
Columbus	Columbus (consolidated government), and Chattahoochee County, Ga.; Russell County, Ala.
Macon	Bibb, Houston, Jones, and Twiggs Counties
Savannah	Bryan, Chatham, and Effingham Counties
HAWAII	
Honolulu	Honolulu County
IDAHO	
Boise City	Ada County
ILLINOIS	
Bloomington—Normal	McLean County
Champaign—Urbana—Rantoul	Champaign County

Area Definitions—Continued

ILLINOIS—Continued	
Chicago SMSA	Cook, Du Page, Kane, Lake, McHenry, and Will Counties
Davenport—Rock Island—Moline	Henry and Rock Island Counties, Ill.; Scott County, Iowa
Decatur	Macon County
Kankakee	Kankakee County
Peoria	Peoria, Tazewell, and Woodford Counties
Rockford	Boone and Winnebago Counties
Springfield	Menard and Sangamon Counties
INDIANA	
Anderson	Madison County
Elkhart	Elkhart County
Evansville	Gibson, Posey, Vanderburgh, and Warrick Counties, Ind.; Henderson County, Ky.
Fort Wayne	Adams, Allen, De Kalb, and Wells Counties
Gary—Hammond—East Chicago	Lake and Porter Counties
Indianapolis	Boone, Hamilton, Hancock, Hendricks, Johnson, Marion, Morgan, and Shelby Counties
Lafayette—West Lafayette	Tippecanoe County
Muncie	Delaware County
South Bend	Marshall and St. Joseph Counties
Terre Haute	Clay, Sullivan, Vermillion, and Vigo Counties
IOWA	
Cedar Rapids	Linn County
Des Moines	Polk and Warren Counties
Dubuque	Dubuque County
Sioux City	Woodbury County, Iowa; Dakota County, Neb.
Waterloo—Cedar Falls	Black Hawk County
KANSAS	
Lawrence	Douglas County
Topeka	Jefferson, Osage, and Shawnee Counties
KANSAS—Continued	
Wichita	Butler and Sedgwick Counties
KENTUCKY	
Lexington—Fayette	Bourbon, Clark, Fayette, Jessamine, Scott, and Woodford Counties
Louisville	Bullitt, Jefferson, and Oldham Counties, Ky.; Clark and Floyd Counties, Ind.
Owensboro	Daviess County
LOUISANA	
Alexandria	Avoyelles, Grant, and Rapides Parishes
Baton Rouge	Ascension, East Baton Rouge, Livingston, and West Baton Rouge Parishes
Lafayette	Lafayette Parish
Lake Charles	Calcasieu Parish
Monroe	Ouachita Parish
New Orleans	Jefferson, Orleans, St. Bernard, and St. Tammany Parishes
Shreveport	Bossier, Caddo, and Webster Parishes
MAINE	
Lewiston—Auburn	Auburn and Lewiston cities, and Lisbon town in Androscoggin County
Portland	Portland, South Portland, and Westbrook cities, and Cape Elizabeth, Cumberland, Falmouth, Freeport, Gorham, Scarborough, Windham, and Yarmouth towns in Cumberland County; Saco city, and Old Orchard Beach town in York County
MARYLAND	
Baltimore SMSA	Baltimore city, and Anne Arundel, Baltimore, Carroll, Harford, and Howard Counties
Baltimore City	Baltimore City
MASSACHUSETTS	
Boston	Suffolk County; Cambridge.

Area Definitions—Continued

MASSACHUSETTS—Continued

	Everett, Malden, Medford, Melrose, Newton, Somerville, Waltham, and Woburn cities, and Acton, Arlington, Ashland, Bedford, Belmont, Boxborough, Burlington, Carlisle, Concord, Framingham, Holliston, Lexington, Lincoln, Natick, North Reading, Reading, Sherborn, Stoneham, Sudbury, Wakefield, Watertown, Wayland, Weston, Wilmington, and Winchester towns in Middlesex County; Beverly, Lynn, Peabody and Salem cities, and Boxford, Danvers, Hamilton, Lynnfield, Manchester, Marblehead, Middleton, Nahant, Saugus, Swampscott, Topsfield, and Wenham towns in Essex County; Quincy city, and Bellingham, Braintree, Brookline, Canton, Cohasset, Dedham, Dover, Foxborough, Franklin, Holbrook, Medfield, Medway, Millis, Milton, Needham, Norfolk, Norwood, Randolph, Sharon, Stoughton, Walpole, Wellesley, Westwood, Weymouth, and Wrentham towns in Norfolk County; Abington, Duxbury, Hanover, Hanson, Hingham, Hull, Kingston, Marshfield, Norwell, Pembroke, Rockland, and Scituate towns in Plymouth County
Brockton	Brockton city, and Bridgewater, East Bridgewater, Halifax, West Bridgewater, and Whitman towns in Plymouth County; Easton town in Bristol County; Avon town in Norfolk County
Fall River	Fall River city, and Dighton, Somerset, Swansea, and Westport towns in Bristol County, Mass.; Little Compton and Tiverton towns in Newport County, R.I.

MASSACHUSETTS—Continued

Lawrence— Haverhill	Lawrence and Haverhill cities, and Amesbury, Andover, Georgetown, Groveland, Merrimac, Methuen, North Andover, Salisbury, and West Newbury towns in Essex County, Mass.; Atkinson, Hampstead, Kingston, Newton, Plaistow, Salem, and Windham towns in Rockingham County, N.H.
Lowell	Lowell city, and Billerica, Chelmsford, Dracut, Dunstable, Tewksbury, Tyngsborough, and Westford towns in Middlesex County
New Bedford ..	New Bedford city, and Acushnet, Dartmouth, Fairhaven, and Freetown towns in Bristol County; Lakeville, Marion, Mattapoisett, and Rochester towns in Plymouth County
Springfield— Chicopee— Holyoke	Chicopee, Holyoke, Springfield, and Westfield cities, and Agawam, Brimfield, East Longmeadow, Granville, Hampden, Longmeadow, Ludlow, Monson, Montgomery, Palmer, Russell, Southwick, Wales, West Springfield, and Wilbraham towns in Hampden County; Northampton city, and Amherst, Belchertown, Chesterfield, Easthampton, Granby, Hadley, Hatfield, Pelham, South Hadley, Southhampton, Westhampton, and Williamsburg towns in Hampshire County; Warren town in Worcester County
Worcester	Worcester city, and Auburn, Berlin, Boylston, Brookfield, Charlton, Douglas, East Brookfield, Grafton, Holden, Leicester, Millbury, Northborough, Northbridge, North Brookfield, Oxford,

Area Definitions—Continued

MASSACHUSETTS—Continued	
	Paxton, Rutland, Shrewsbury, Spencer, Sterling, Sutton, Upton, Uxbridge, Webster, Westborough, and West Boylston towns in Worcester County
MICHIGAN	
Ann Arbor.....	Washtenaw County
Battle Creek ...	Barry and Calhoun Counties
Bay City	Bay County
Benton Harbor	Berrien County
Detroit	Lapeer, Livingston, Macomb, Oakland, St. Clair, and Wayne Counties
Flint	Genesee and Shiawassee Counties
Grand Rapids	Kent and Ottawa Counties
Jackson.....	Jackson County
Kalamazoo—Portage	Kalamazoo and Van Buren Counties
Lansing—East Lansing	Clinton, Eaton, Ingham, and Ionia Counties
Muskegon—Norton Shores—Muskegon Heights	Muskegon and Oceana Counties
Saginaw	Saginaw County
MINNESOTA	
Duluth—Superior.....	Duluth city, Minn.; Douglas County, Wisc.
Minneapolis—St. Paul	Anoka, Carver, Chisago, Dakota, Hennepin, Ramsey, Scott, Washington, and Wright Counties
Rochester	Olmsted County
St. Cloud.....	Benton, Sherburne, and Stearns Counties
MISSISSIPPI	
Jackson.....	Hinds and Rankin Counties
MISSOURI	
Kansas City ...	Cass, Clay, Jackson, Platte, and Ray Counties, Mo.; Johnson and Wyandotte Counties, Kans.
MISSOURI—Continued	
St. Joseph.....	Andrew and Buchanan Counties
St. Louis	St. Louis city, and Franklin, Jefferson, St. Charles, and St. Louis Counties, Mo.; Clinton, Madison, Monroe, and St. Clair Counties, Ill.
Springfield	Christian and Greene Counties
MONTANA	
Billings	Yellowstone County
Great Falls	Cascade County
NEBRASKA	
Lincoln	Lancaster County
Omaha.....	Douglas and Sarpy Counties, Nebr.; Pottawattamie County, Iowa
NEVADA	
Las Vegas	Clark County; Beatty Township in Nye County
Reno.....	Washoe County
NEW HAMPSHIRE	
Manchester....	Manchester city, and Bedford, Goffstown, New Boston, and Weare towns in Hillsboro County; Hooksett town in Merrimack County; Auburn, Candia, Chester, Derry, Londonderry and Raymond towns in Rockingham County
Nashua	Nashua city, and Amherst, Brookline, Greenville, Hollis, Hudson, Litchfield, Lyndeboro, Mason, Merrimack, Milford, Mount Vernon, New Ipswich, Pelham, Temple, and Wilton towns in Hillsboro County
NEW JERSEY	
Atlantic City ...	Atlantic County
Camden.....	Burlington, Camden, and Gloucester Counties
Hackensack ...	Bergen County
Jersey City	Hudson County
Long Branch—Asbury Park	Monmouth County

Area Definitions—Continued

NEW JERSEY—Continued	
New Brunswick—Perth Amboy—Sayreville	Middlesex County
Newark	Essex, Morris, Somerset, and Union Counties
Paterson—Clifton—Passaic	Passaic County
Trenton	Mercer County
Vineland—Millville—Bridgeton	Cumberland County
NEW MEXICO	
Albuquerque	Bernalillo and Sandoval Counties
Las Cruces	Dona Ana County
NEW YORK	
Albany—Schenectady—Troy	Albany, Montgomery, Rensselaer, Saratoga, and Schenectady Counties
Binghamton	Broome and Tioga Counties, N.Y.; Susquehanna County, Pa.
Buffalo	Erie and Niagara Counties
Elmira	Chemung County
Monroe County	Monroe County
Nassau—Suffolk	Nassau and Suffolk Counties
New York and Nassau—Suffolk	New York City, and Nassau, Putnam, Rockland, Suffolk, and Westchester Counties
New York SMSA	New York City, and Putnam, Rockland, and Westchester Counties
New York City	Bronx, Kings, New York, Queens, and Richmond Counties
Poughkeepsie	Dutchess County
Rochester	Livingston, Monroe, Ontario, Orleans, and Wayne Counties
Rockland County	Rockland County
Syracuse	Madison, Onondaga, and Oswego Counties
NEW YORK—Continued	
Utica—Rome	Herkimer and Oneida Counties
Westchester County	Westchester County
NORTH CAROLINA	
Asheville	Buncombe and Madison Counties
Charlotte—Gastonia	Gaston, Mecklenburg, and Union Counties
Greensboro—Winston-Salem—High Point	Davidson, Forsyth, Guilford, Randolph, Stokes, and Yadkin Counties
Raleigh—Durham	Durham, Orange, and Wake Counties
NORTH DAKOTA	
Fargo—Moorhead	Cass County, N.D.; Clay County, Minn.
OHIO	
Akron	Portage and Summit Counties
Canton	Carroll and Stark Counties
Cincinnati	Clermont, Hamilton, and Warren Counties, Ohio; Boone, Campbell, and Kenton Counties, Ky.; Dearborn County, Ind.
Cleveland	Cuyahoga, Geauga, Lake, and Medina Counties
Columbus	Delaware, Fairfield, Franklin, Madison, and Pickaway Counties
Dayton	Greene, Miami, Montgomery, and Preble Counties
Toledo	Fulton, Lucas, Ottawa, and Wood Counties, Ohio; Monroe County, Mich.
Youngstown—Warren	Mahoning and Trumbull Counties
OKLAHOMA	
Enid	Garfield County
Lawton	Comanche County
Oklahoma City	Canadian, Cleveland, McClain, Oklahoma, and Pottawatomie Counties

Area Definitions—Continued

OKLAHOMA—Continued	
Tulsa	Creek, Mayes, Osage, Rogers, Tulsa, and Wagoner Counties
OREGON	
Eugene—Springfield	Lane County
Jackson County	Jackson County
Portland	Clackamas, Multnomah, and Washington Counties, Oreg.; Clark County, Wash.
Salem	Marion and Polk Counties
PENNSYLVANIA	
Allentown—Bethlehem—Easton	Carbon, Lehigh, and Northampton Counties, Pa.; Warren County, N.J.
Altoona	Blair County
Delaware Valley	Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties
Erie	Erie County
Harrisburg	Cumberland, Dauphin, and Perry Counties
Johnstown	Cambria and Somerset Counties
Lancaster	Lancaster County
Northeast—Pennsylvania	Lackawanna, Luzerne, and Monroe Counties
Philadelphia SMSA	Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pa.; Burlington, Camden, and Gloucester Counties, N.J.
Philadelphia City	Philadelphia County
Pittsburgh	Allegheny, Beaver, Washington, and Westmoreland Counties
Reading	Berks County
Scranton	Lackawanna County
Wilkes-Barre—Hazleton	Luzerne County
Williamsport	Lycoming County
York	Adams and York Counties
RHODE ISLAND	
Providence—Warwick—Pawtucket	Central Falls, Cranston, East Providence, Pawtucket, Providence, and Woonsocket cities, and Burrillville, Cumberland, Foster, Gloucester, Johnston, Lincoln, North Providence, North Smithfield, Scituate, and Smithfield towns in Providence County, R.I.; Exeter, Narragansett, North Kingstown, Richmond, and South Kingstown towns in Washington County, R.I.; Warwick city, and Coventry, East Greenwich, West Greenwich, and West Warwick towns in Kent County, R.I.; Jamestown and New Shoreham towns in Newport County, R.I.; Bristol County, R.I.; Attleboro city, and North Attleboro, Norton, Rehoboth, and Seekonk towns in Bristol County, Mass.; Plainville town in Norfolk County, Mass.; Blackstone and Millville towns in Worcester County, Mass.
SOUTH CAROLINA	
Charleston—North Charleston	Berkeley, Charleston, and Dorchester Counties
Columbia	Lexington and Richland Counties
Greenville—Spartanburg	Greenville, Pickens, and Spartanburg Counties
SOUTH DAKOTA	
Rapid City	Mead and Pennington Counties
Sioux Falls	Minnehaha County
TENNESSEE	
Chattanooga	Hamilton, Marion, and Sequatchie Counties, Tenn.;

Area Definitions—Continued

TENNESSEE—Continued

	Catoosa, Dade, and Walker Counties, Ga.
Knoxville	Anderson, Blount, Knox, and Union Counties; portion of Oak Ridge in Roane County
Memphis	Shelby and Tipton Counties, Tenn.; Crittenden County, Ark.
Nashville—Davidson	Cheatham, Davidson, Dickson, Robertson, Rutherford, Sumner, Williamson, and Wilson Counties

TEXAS

Abilene	Callahan, Jones, and Taylor Counties
Amarillo	Potter and Randall Counties
Austin	Hays, Travis, and Williamson Counties
Beaumont—Port Arthur—Orange	Hardin, Jefferson, and Orange Counties
Corpus Christi	Nueces and San Patricio Counties
Dallas—Fort Worth	Collin, Dallas, Denton, Ellis, Hood, Johnson, Kaufman, Parker, Rockwall, Tarrant, and Wise Counties
El Paso	El Paso County
Galveston—Texas City	Galveston County
Houston	Brazoria, Fort Bend, Harris, Liberty, Montgomery, and Waller Counties
Longview—Marshall	Gregg and Harrison Counties
Lubbock	Lubbock County
Midland	Midland County
Odessa	Ector County
San Angelo	Tom Green County
San Antonio	Bexar, Comal, and Guadalupe Counties
Sherman—Denison	Grayson County
Waco	McLennan County
Wichita Falls	Clay and Wichita Counties

UTAH

Salt Lake City—Ogden	Davis, Morgan, Salt Lake, Tooele, and Weber Counties

VERMONT

Burlington	Burlington, South Burlington, and Winooski cities and Charlotte, Essex, Hineburg, Jericho, Milton, Richmond, St. George, Shelburne, and Williston towns in Chittenden County; Georgia town in Franklin County; and South Hero town in Grand Isle County
Springfield	Athens, Grafton, Londonderry, Rockingham (includes Bellow Falls), Westminster, and Windham towns in Windham County; Andover, Baltimore, Cavendish, Chester, Ludlow, Reading, Springfield, Weathersfield, Weston, West Windsor, and Windsor towns in Windsor County

VIRGINIA

Bristol	Bristol city, and Scott and Washington Counties
Lynchburg	Lynchburg city, and Amherst, Appomattox, and Campbell Counties
Newport News—Hampton	Hampton, Newport News, Poquoson, and Williamsburg cities, and Gloucester, James City, and York Counties
Norfolk—Virginia Beach—Portsmouth	Chesapeake, Norfolk, Portsmouth, Suffolk, and Virginia Beach cities, Va.; Currituck County, N.C.
Northern Virginia	Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park cities, and Arlington, Fairfax, Loudoun, and Prince William Counties

Area Definitions—Continued

VIRGINIA—Continued	
Petersburg—Colonial Heights—Hopewell	Colonial Heights, Hopewell, and Petersburg cities, and Dinwiddie and Prince George Counties
Richmond	Richmond city, and Charles City, Chesterfield, Goochland, Hanover, Henrico, New Kent, and Powhatan Counties
Roanoke	Roanoke and Salem cities, and Botetourt, Craig, and Roanoke Counties
WASHINGTON	
Seattle—Everett	King and Snohomish Counties
Spokane	Spokane County
Tacoma	Pierce County
WEST VIRGINIA	
Charleston	Kanawha and Putnam Counties
Huntington—Ashland	Cabell and Wayne Counties, W. Va.; Boyd and Greenup Counties, Ky.; Lawrence County, Ohio
Parkersburg—Marietta	Wirt and Wood Counties, W. Va.; Washington County, Ohio
Wheeling	Marshall and Ohio Counties, W. Va.; Belmont County, Ohio
WISCONSIN	
Appleton—Oshkosh	Calumet, Outagamie, and Winnebago Counties
Eau Claire	Chippewa and Eau Claire Counties
Green Bay	Brown County
Janesville—Beloit	Rock County
Kenosha	Kenosha County
La Crosse	La Crosse County
Madison	Dane County
Milwaukee	Milwaukee, Ozaukee, Washington, and Waukesha Counties
Racine	Racine County
WYOMING	
Casper	Natrona County
Cheyenne	Laramie County

Appendix B. Explanatory Notes

Measuring Employment, Hours, and Earnings in States and Areas

The Current Employment Statistics Program is an integrated Federal-State undertaking designed to produce estimates of nonfarm employment, hours, and earnings at the national, State, and area levels. It is conducted jointly by State employment security agencies, the Bureau of Labor Statistics, and the Employment and Training Administration in the 50 States, the District of Columbia, Puerto Rico, and the Virgin Islands. Estimates are prepared and published monthly for each State and for major areas.

Collection

Federal-State cooperation. Under cooperative arrangements between State agencies and BLS, the respondent fills out only one reporting form, which is used for national, State, and area estimates. This procedure eliminates duplicate reporting on the part of respondents, and together with the use of similar estimating techniques at the national and State levels, promotes geographic comparability of estimates.

State agencies mail the forms to the establishments and examine the returns for consistency, accuracy, and completeness. After the States use the information to prepare State and area series, the source materials are sent to BLS (Washington Office) for use in developing estimates at the national level.

Shuttle schedules. Form BLS 790—"Report on Employment, Payroll, and Hours"—is used to collect employment, payroll, and hours data. The schedule is returned to the respondent each month by the State agency so that the next month's data can be entered on the space allotted for that month. This "shuttle" procedure promotes comparability and accuracy of reporting, since the respondents can see the figures they have reported for previous months.

The BLS 790 provides for entry of data on the number of full- and part-time workers on the payrolls of nonagricultural establishments, and, for most industries, payroll and hours of production and related workers, construction workers, or nonsupervisory workers.

Concepts

Industrial classification. Establishments are classified into industries on the basis of their principal product or activity, in accordance with the **Standard Industrial Classification Manual, 1972**. Since January 1980, the classification is determined from information on annual sales volume collected each year on a supplement to the quarterly unemployment insurance tax reports filed by employers. If an establishment makes more than one product or engages in more than one activity, the entire employment of the establishment is included under the industry indicated by the principal product or activity.

Industry employment. Employment data, except for the Department of Defense, refer to persons on establishment payrolls who received pay for any part of the pay period which includes the 12th of the month. For civilian employees of the Department of Defense, the figures represent the number of persons who occupied positions on the last day of the calendar month; intermittent workers are counted if they performed any service during the month.

The data exclude proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers in households. Salaried officers of corporations are included. Government employment covers only civilian employees; Federal military personnel are excluded from the estimates of total nonagricultural employment.

Persons on an establishment payroll who are on paid sick leave (when pay is received directly from the firm), on paid holiday or paid vacation, or who work during any part of the pay period even though they are unemployed or on strike during the rest of the period, are counted as employed. Not counted as employed are persons who are laid off, on leave without pay or on strike for the entire period, or who are hired but do not report to work during the period.

Industry hours and earnings. Hours and earnings data are derived from reports of payroll and hours for production and related workers in mining and manufacturing, construction workers in construc-

tion, and nonsupervisory employees in all other industries. When the reported pay period exceeds 1 week, the payroll and hours figures are reduced to a weekly basis. The above items are further defined as follows:

Production and related workers include working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (e.g., power plant), and record-keeping and other services closely associated with the above production operations.

Construction workers include the following employees in the construction division: Working supervisors, qualified craft workers, mechanics, apprentices, laborers, etc., whether working at the site of construction or in shops or yards, at jobs (such as precutting and preassembling) ordinarily performed by members of the construction trades.

Nonsupervisory employees include employees (not above the working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, physicians, lawyers, accountants, nurses, social workers, research aides, teachers, drafters, photographers, beauticians, musicians, restaurant workers, custodial workers, attendants, line installers and repairers, laborers, janitors, guards, and other employees whose services are closely associated with those of the employees listed.

Payroll covers the payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of the pay period which includes the 12th of the month. The payroll is reported before deductions of any kind, e.g., for old-age and unemployment insurance, group insurance, withholding tax, bonds, or union dues; also included is pay for overtime, holidays, vacations, and sick leave paid directly by the firms. Bonuses (unless earned and paid regularly each pay period), other pay not earned in pay period reported (e.g., retroactive pay), and the value of free rent, fuel, meals, or other payment in kind are excluded.

Hours cover hours worked or paid for during the pay period which includes the 12th of the month, for production, construction, or nonsupervisory workers. Hours include hours paid for holidays and vacations, and for sick leave when pay is received directly from the firm.

Average hourly and weekly earnings. Average hourly earnings for manufacturing and nonmanufacturing industries are on a "gross" basis, reflecting not only changes in basic hourly and incentive wage rates, but also such variable factors as premium pay for overtime and late-shift work, and changes in output of workers paid on an incentive plan. Shifts in total volume of employment between relatively high-paid and low-paid work and changes in workers' earnings in individual establishments also affect the general earnings averages. Averages for groups and divisions further reflect changes in average hourly earnings for individual industries.

Averages of hourly earnings differ from wage rates. Earnings are the actual return to the worker, while rates are the amounts stipulated for a given unit of work or time. The earnings series do not measure the level of total labor cost to the employer since the following are excluded: Irregular bonuses, retroactive items, payments of various welfare benefits, payroll taxes paid by employers, and earnings by employees not covered under the production worker, or construction worker, or nonsupervisory employee definitions.

Gross average weekly earnings in most cases are derived by multiplying average weekly hours by average hourly earnings. Therefore, weekly earnings are affected not only by changes in gross average hourly earnings, but also by changes in the length of the workweek, part-time work, work stoppages for varying reasons, labor turnover, and absenteeism.

Average weekly hours. The workweek information relates to the average hours for which pay was received, and differs from standard or scheduled hours. Such factors as absenteeism, labor turnover, part-time work, and stoppages cause average weekly hours to be lower than scheduled hours of work for an establishment. Group averages further reflect differences in the workweek of component industries.

Estimating methods

Employment. The principal features of the procedure used to estimate employment for the industry statistics are (1) the use of the "link relative" technique, which is a form of ratio estimation, and (2) periodic adjustment of estimated employment levels to new benchmarks.

The "link relative" technique. From a sample of establishments which reported for both the previous and current months, the ratio of current-month employment to that of the previous month is com-

puted. The estimates of employment (all employees, including both production and nonproduction workers) for the current month are obtained by multiplying the estimates for the previous month by these "link relatives."

At the aggregate industry level, i.e., divisions and groups, employment is the sum of the employment estimates for component industries. Annual average employment is the sum of the monthly estimates divided by 12.

Benchmark adjustment. Each year employment estimates are compared with comprehensive counts of employment, which provide "benchmarks" for the various nonagricultural industries, and appropriate adjustments are made. Normally, benchmark adjustments are made annually.

The primary source of benchmark information is the employment data, by industry, compiled quarterly by State agencies from reports of establishments covered under State unemployment insurance laws. These reports, covering about 98 percent of employees on nonagricultural payrolls in the United States, are collected and tabulated by State employment security agencies under the direction of BLS. Benchmark data for the residual are obtained from the records of the Social Security Administration, the Interstate Commerce Commission, and a number of other agencies in private industry or government.

The estimates for the benchmark month are compared with the new benchmark levels, industry by industry. If revisions are necessary, the monthly series of estimates between benchmark periods are adjusted at levels between the new benchmark and the preceding one, and the new benchmark for each industry is then carried forward progressively to the current month on the basis of trends shown in the sample. Under this procedure, the benchmark is used to establish the level of employment while the sample is used to measure the month-to-month changes in the level.

Data for the periods subsequent to the last benchmark are subject to revision.

Hours and earnings. These estimates are based on the same sample used for the employment estimates. The average weekly hours and average hourly and weekly earnings apply only to production, construction, or nonsupervisory workers as distinguished from all employees.

For individual industries, monthly estimates of average weekly hours are obtained by dividing aggregate (total) hours by the number of production workers (or construction, or nonsupervisory workers). Average hourly earnings are computed by dividing aggregate payrolls by aggregate hours. Industry group and division averages are obtained by weighting the averages for individual industries by production-worker employment (in the case of average weekly hours) or production-worker hour aggregates (in the case of average hourly earnings) in the particular groups or divisions.

To obtain annual averages of average weekly hours, the 12-month total of aggregate hours (average weekly hours multiplied by production-worker employment) is divided by the 12-month total of employment. The 12-month total of aggregate payrolls (weekly earnings multiplied by employment weights or hourly earnings multiplied by aggregate hours for 12 months) is divided by the 12-month total of aggregate hours to yield average hourly earnings.

Average weekly earnings, except for industries where hours data are not collected, are the product of average weekly hours and average hourly earnings.

The sample

Design. The sampling plan used in the survey is an optimum allocation design known as "sampling proportionate to average size of establishment." Under this design, large establishments fall into the sample with certainty. However, the proportion of total employment covered varies considerably from industry to industry. For example, sample coverage is high (55 percent on the average) in manufacturing industries in which a large proportion of total employment is concentrated in relatively few establishments. On the other hand, coverage is much lower (17 percent) in wholesale and retail trade industries which are made up of many small establishments. The large sample in manufacturing is desirable because manufacturing industries have a greater tendency to vary from regular cyclical or seasonal patterns than do nonmanufacturing industries.

Reliability of the employment estimates. The estimates derived from the employment and payroll survey may differ from the figures that would have been obtained if it were possible to take a complete census using the same schedules and procedures. However, the relatively large size of the samples maintained by the State agencies and the annual adjustment of employment estimates to more recent benchmark levels assure a very high degree of accuracy. One measure of the reliability of an estimate projected from a benchmark is the amount by which it differs from the new benchmark at the next adjustment period. BLS uses this criterion rather than the

standard error of the estimates. Average benchmark revisions to State and area estimates for recent years are presented in table 1. Table 2 indicates the distribution of States and areas by percentage differences between benchmarks and estimates since 1978.

Differences between the benchmarks and the estimates result not only from sampling and response errors but also from changes in the industrial classification of individual establishments (resulting from changes in their product), which are not reflected in the estimate levels until the data are adjusted to new benchmarks. At the more detailed industry levels, particularly within manufacturing, changes in classification are often the major cause of differences. Another cause of differences, generally minor, between the estimates and the benchmarks is improvement in the quality of the benchmark data.

Table 1. Percentage differences between State and area benchmarks and estimates for employment, by industry division 1978-1981

Industry division	1978		1979		1980		1981	
	State	Area	State	Area	State	Area	State	Area
Total	1.6	1.5	0.9	1.8	0.0	0.4	0.1	0.5
Mining	5.7	9.2	.3	7.8	3.0	4.7	3.0	8.5
Contract construction	2.2	2.3	1.5	8.3	1.4	1.0	.1	.1
Manufacturing	.9	1.0	1.0	2.4	.2	.1	.3	.4
Transportation and public utilities	1.6	1.2	.7	3.7	.2	.2	.2	.2
Wholesale and retail trade	1.7	1.4	1.0	2.9	.7	.4	.2	.6
Finance, insurance, and real estate	1.8	1.1	.6	3.4	.8	.9	.6	2.0
Services	2.4	2.7	.9	3.6	.3	.7	.3	1.5
Government	1.1	1.1	.9	3.1	.3	.5	0.0	.3

Comparability with other series

County Business Patterns. Data in this publication (Bureau of the Census, U.S. Department of Commerce) differ from BLS establishment statistics in the treatment of central administrative offices and auxiliary units. Differences also may arise because of industrial classification, and reporting practices. In addition, CBP coverage is incomplete for some nonprofit activities, and interstate railroads and government are excluded.

Employment covered by State unemployment insurance programs. Most nonagricultural wage and salary workers are covered by unemployment insurance programs. Beginning in January 1972, coverage was expanded to include employees of small firms and selected nonprofit organizations who had not been covered previously. However, certain activities, such as interstate railroads, parochial schools, and churches are not covered by unemployment insurance programs whereas these are included in BLS establishment statistics. Beginning in January 1978, coverage was extended to include almost all State and local government employees.

Statistics on manufactures and business, Bureau of the Census. BLS establishment statistics on employment differ from employment counts derived by the Bureau of the Census from its censuses or annual sample surveys of manufacturing establishments and the censuses of business establishments. The major reasons for noncomparability are different treatment of business units considered parts of an establishment, such as central administrative offices and auxiliary units, the industrial classification of establishments, and different reporting patterns of multiunit companies. There are also differences in the scope of the industries covered, e.g., the Census of Business excludes professional services, public utilities, and financial establishments, whereas these are included in BLS statistics.

Statistics on State and local government, Bureau of the Census. BLS statistics on State and local government employment differ slightly from the employment counts of the Bureau of the Census in its censuses and annual sample surveys. BLS excludes and Census includes certain nominal employment (such as paid elected officials of small cities) and Federal-State cooperative extension personnel serving under a Federal appointment. BLS classifies employees of local government libraries in "education" whereas Census includes them under "other local functions."

Table 2. Distribution of States and areas by percentage difference between benchmarks and estimates for total nonagricultural employment, 1978-81

Percent difference	1978		1979		1980		1981	
	State	Area	State	Area	State	Area	State	Area
Total	51	234	51	234	50	238	50	248
Less than 0.5 percent	14	51	15	43	20	46	18	57
0.5 to 0.9 percent	5	30	6	39	13	58	10	60
1.0 to 1.9 percent	15	39	15	69	12	64	18	73
2.0 to 2.9 percent	9	47	9	38	3	41	2	29
3.0 to 3.9 percent	5	24	5	23	0	10	1	17
4.0 to 4.9 percent	2	25	1	9	1	6	1	4
5.0 percent and over	1	18	0	13	1	13	0	8

Federal Civilian Work Force Statistics bulletin, Office of Personnel Management. The Office of Personnel Management (OPM), publishes this bulletin monthly using data from reports it collects. The BLS Federal employment series by State are derived from statistics based on coverage of unemployment compensation for Federal employees. OPM data exclude and BLS data include Defense Department workers paid from nonappropriated funds, employees of certain local agricultural committees of the Department of Agriculture, and Federal-State cooperative employees serving under a Federal appointment. OPM data include and BLS data exclude employees paid on a contract or fee basis, and certain interns, student nurses, and other student employees of Federal hospitals. BLS employment (except for Defense Department units) is for the pay period including the 12th of the month whereas the OPM count represents the number of persons employed on the last workday of the month plus all intermittent employees during the month.

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